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土木研究所資料

第八七七号

地震記録のデジタル数値(その四)

昭和四十八年十二月

建設省土木研究所

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第877号

地震記録のデジタル数値(その4)

昭和48年12月

建設省土木研究所

## ま え が き

土木研究所では，昭和35年以来，土木構造物における，強震観測を一貫して推進して来た。これにより得られた強震記録のうち，特に主要なものについてデジタル数値化をして来た。本紙に掲載された記録は，先に公刊した3資料※に続くもので，それらと合わせて，構造物の地震応答解析等に充分活用されれば幸いである。

昭和48年12月

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- 
- ※ 1) 土木研究所資料 317 号「地震記録のデジタル数値(その1)」  
昭・4 3.3
- 2) 土木研究所資料 318 号「地震記録のデジタル数値(その2)」  
昭・4 3.3
- 3) 土木研究所資料 461 号「地震記録のデジタル数値(その3)」  
昭・4 4.5

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※ 各記録の掲載ページは, ページの表1を参照されたし。

## § 1. 概 要

建設省が関与する土木構造物に対する強震観測業務のなかで、土木研究所の役割は、特定のケースに関する強震計・地震計の設置のほかに、各機関に対する強震計設置および観測の統一の指導、全計器の一勢点検、さらに得られた記録の収集、整理、刊行、配布ならびに解析の作業を実施することである。本資料はこの一環として実施されたものであり、得られた記録のうち特に主要なものについて、各時刻毎の加速度振幅を読みとり、ディジタル数値を掲載したものである。

掲載記録は表1に示すごとく、近年わが国内の土木構造物建設地点の地盤上で得られた34本の強震記録(68分)である。本資料にはディジタル数値とともに、原波形記録およびディジタル数値をプロットした再生波形記録も同時に示されている。

表1の見出しの意味を表の左から順に説明すると以下のとおりである。

1) "INDEX NO." は地震記録の当所における整理番号である。

2) "STATION"

"RECORD NO. NAME OF STRUCTURE" は強震観測を実施している。構造物の名称と方向及び観測記録の当所における整理番号である。

"N-S" "E-W" は、それぞれ南北及び東西方向、

"L G" "T R" は、それぞれ当該橋梁の橋軸方向及び橋軸直角方向を示す。

3) "MAX. ACCEL. (GAL)" は当該記録の最大加速度をgal単位で示したものである。

"TIME (SEC)" は上記の最大加速度時の時間である。

4) "DURATION TIME (SEC)" は、ディジタル数値の継続時間を秒単位で示したものであり、地震の継続時間とは異なる。

5) "DATA NUMBER" は、当該記録のディジタル数値化時の読み取り総点である。

6) "E.Q.NO." は発生地震の当所における、整理番号である。

7) "D.P." は、本紙における、当該地震記録のディジタル数値掲載ページである。

8) "F.P." は、本紙における、当該地震記録の再生波形掲載ページである。

表2の見出しの意味を左から順に説明すると以下のとおりである。

1) "EQ.NO." は発生地震の当所における整理番号で表1の6)と対応するものである。

2) "EPICENTRAL REGION" は当該地震の震源地名である。

3) "EARTHQUAKE TIME AND DAY" は、当該地震の発生年月日である。

4) "LONGITUDE" "LATITUDE" は、当該地震の震源の緯度及び経度である。

5) "DEPTE (KM)" は、当該地震の深度をkmで示したものである。

6) "MAGNITUDE" は、当該地震のマグニチュードを示すものである。

## § 2. デジタル数値の求め方

本資料に掲載した記録は、SMAC-B2型強震計および電磁式地震計から得られたもので、以下にデジタル数値の求め方を概記する。いずれも特殊な機械は用いず、熟練者がスケールを用いて読み取り作業を行なったものである。

### (1) SMAC-B2型強震計

SMAC-B2型強震計の仕様、性能の概要を図1に示しておく。この場合のデジタル化は次の7ステップにわたって行なわれる。

- ① 時間軸の作成
- ② 仮基線の作成
- ③ 仮基線からの振幅の読みとり
- ④ 基準零線の作成(平均値の計算)
- ⑤ 加速度値の計算
- ⑥ 波形の再生と加速度値の修正
- ⑦ 円弧補正(大加速度の場合のみ)

①の時間軸の作成は、記録紙上にある1秒(=1cm)間隔の時間刻みを10等分し、1/10秒間隔の刻みを細線で記録中に書き込む。

②読み取りの仮基線となる直線を記録の中心線に平行となるように記録からある距離(通常1cm位)を離して書き込む。

③振幅の読み取りは、1/10秒間隔の時間軸と波形記録との交点から仮基線までの距離を実寸(0.05mm単位)で読む。また記録の極値を示す点について、時間(0.01秒単位)と振幅の両者を読みとる。

④必要継続時間にわたって読み取りを完了した後は、全読み取り値(但し1/10秒間隔のものに限る)の平均値を求める。この値を基準零線とする訳である。

⑤求める加速度値は、仮基線からの読み取り値から平均値を差し引いたものに感度(=12.5gal/mm)を乗じて得られる。

⑥得られた加速度値を基にして、波形を描く。この際、時間軸、加速度軸ともに原記録に一致させる。この波形と原波形とを対比させ、必要に応じ不備な部分に修正を施せば、デジタル化の作業は一応完了する。

### ⑦ 円弧補正について

SMAC型強震計の記録で加速度振幅がある程度以上大きい場合、計器の記録ペンの構造上、記録は円弧状の曲線を描くことがある。この場合には時間軸の値に補正を施す必要がある。真の時間は、図2からわかるように次式によって与えられる。

$$t_{\text{true}} = t - \Delta t \quad (\text{sec})$$

$$\Delta t = \frac{r}{v} (1 - \cos \theta) = 15 (1 - \cos \theta) \quad (\text{sec})$$

$$\theta = \sin^{-1} \frac{a}{r} \quad (\text{radian})$$

ことに

- $t_{true}$  : 真の時間 (sec)  
 $t$  : 読み取り時間 (sec)  
 $\Delta t$  : 補正量 (sec)  
 $r$  : ペンのアーム長 (= 150 mm)  
 $v$  : 紙送りスピード (= 10 mm/sec)  
 $a$  : 振幅 (mm)

である。図3に、補正量  $\Delta t$  の大きさを曲線および表にして示す。次に、加速度値については補正は施さなくてよいことにしている（このための誤差は図2に示すごとく最大約1%である）。

さて、図2からわかる如く、厳密には加速度が200 gal 程度以上の記録に対しては0.1秒以上の時間補正が必要となることがわかるが、本資料においては、表1の備考欄に示す如く、No. 6, 8, 9および33の5成分に対してのみ円弧補正を行なっている。

尚、円弧補正を実施したのは、今回の報告書からで、過去の2冊の報告書については、何ら系統的な補正はなされていない。

#### ⑧ 感度特性について

SMAC-B2型強震計の記録では、図1の周波数特性曲線に示されるように、性能上短周期の振動に対して感度が低下し、小さな加速度を示す傾向がある。従って厳密には、このための補正が必要であるが、土木の分野において耐震設計上問題とされる構造物は、一般にその固有周期が0.5秒程度以上と長周期であること（この場合、ほとんど補正の要なし）、さらに、補正方法が確立されていないことなどの理由で、ここでは一切、この関係の補正は施していない。適正でない方法で補正がなされると、利用する上にかえって不都合をきたす可能性があることを考慮して、あえて補正しないまま示すことにした訳である。

一般に地震記録を利用する場合、計器の特性には充分留意する必要があるが、SMAC-B2型記録の場合、短周期の振動に対して感度が低下していることを考慮し、短周期構造物への適用に対しては、特に注意を配ることが必要である。

SMAC-B2型記録の感度特性の補正法については、文献<sup>\*</sup>があるが、これもまだ実験段階といえるもので、確立されたものはない。

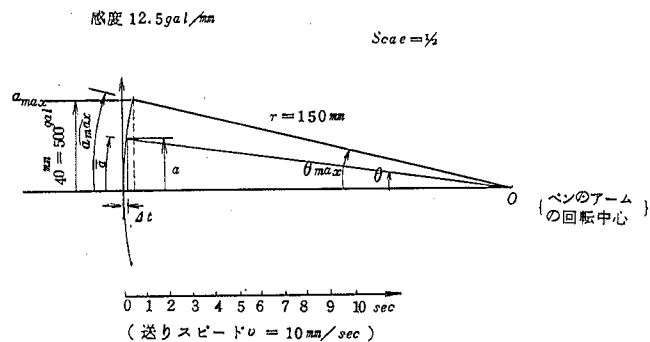
<sup>\*</sup> 武藤清ほか「SMACで得られた地震記録の補正」日本建築学会学術講演梗概集 昭43.10

#### (2) 電磁式地震計

電磁式地震計の場合のデジタル化とも、原理的にはSMAC型の場合と同様の方法によっている。電磁式地震計には各種のものがあ、個々の性能についてはここでは割愛するが、一般に記録紙の送りスピードが早く、周波数特性が良好であるため、デジタル化において次の点がSMAC型の場合と異なる。

- ① 読み取りの時間間隔が細かい（1/100秒以下）。
- ② 円弧補正を施す必要がない。
- ③ 一般に感度低下が少く、このための補正に特に留意する必要が少い。

図-1 SMAC-B2 記録の円弧補正



補正式

最大角  $\theta_{max} = \sin^{-1} \frac{a_{max}}{r} = \sin^{-1} \frac{40}{150} = 0.2699 \text{ rad}$  ( $a_{max}$ : 最大振幅)

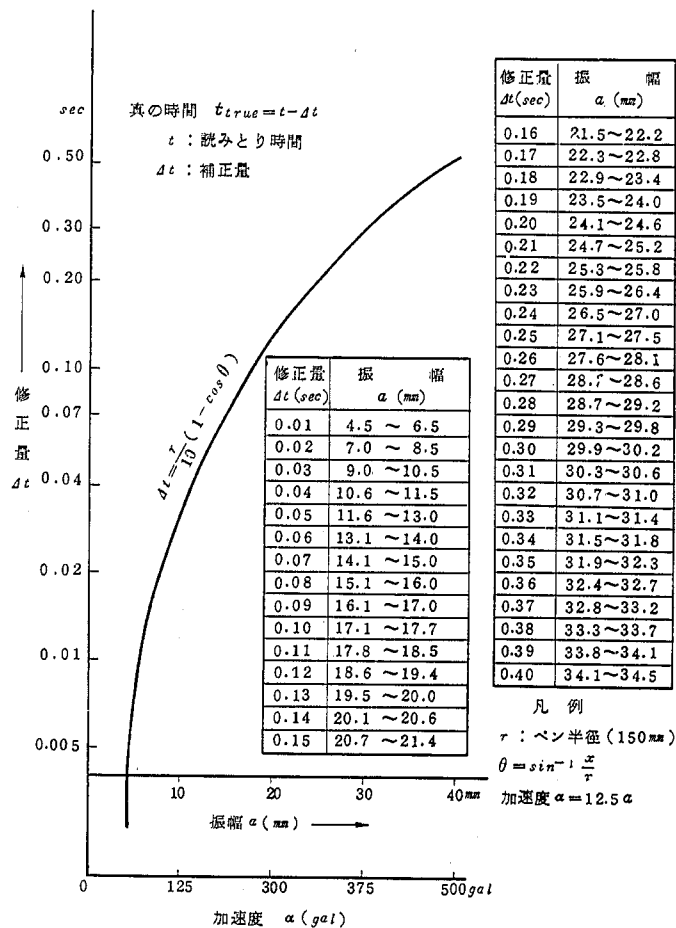
任意角  $\theta = \sin^{-1} \frac{a}{r}$  ( $a$ : 任意振幅)

補正值  $\Delta t = \frac{r}{v} (1 - \cos \theta) = 15 (1 - \cos \theta)$ ; (最大値  $\Delta t_{max} = 0.543 \text{ sec}$ )

最大円弧長  $\widehat{a_{max}} = r \theta_{max} = 40.48 \text{ mm}$

最大振幅誤差  $\frac{\widehat{a_{max}}}{a_{max}} = 1.012$

図-2 SMAC-B2 記録の円弧補正量



### § 3. デジタル数値および再生波形 ※

次ページ以下に、デジタル数値及び自動図化機による再生波形記録を示す。

個々の記録の掲載ページは、表 1 の右端を参照されたい。

デジタル数値表及び再生波形記録中には、当該合成の最大加速度 ( GAL ) とその発生時刻 ( SEC ) が示されている。

## § 4. 強震観測整理の自動化

従来、強震観測地点の諸元の整理、発生地震の諸元の整理、強震記録の整理、デジタル数値とその波形の整理及びそれらに付属する表・図等については、毎年、全て人力に頼っていたのが現状であった。しかし1973年3月現在で、強震計設置地点ヶ所93地点、台数が164台と数多くなり、なおかつ今後も増加していく現状と、その整理業務の煩雑さ等を考え合わせると、一連の強震観測整理作業の自動化が必要視されていた。そこで47年度において下記に示す5項目に対して一連のプログラムを完成させその作業を行なうこととした。

1. 発生地震の諸元の一欄表
2. 発生地震別観測記録の一欄表及びその図化（図3-1～8・参照）
3. 強震計設置地点諸元の一欄表
4. 強震計設置地点別観測記録の一欄表
5. 地震波形のデジタル数値一欄表及びその図化

これら5項目に対して、一連のプログラムが完成したことにより、業務が非常に総合的かつスムーズに行なわれるようになった。（図4参照）

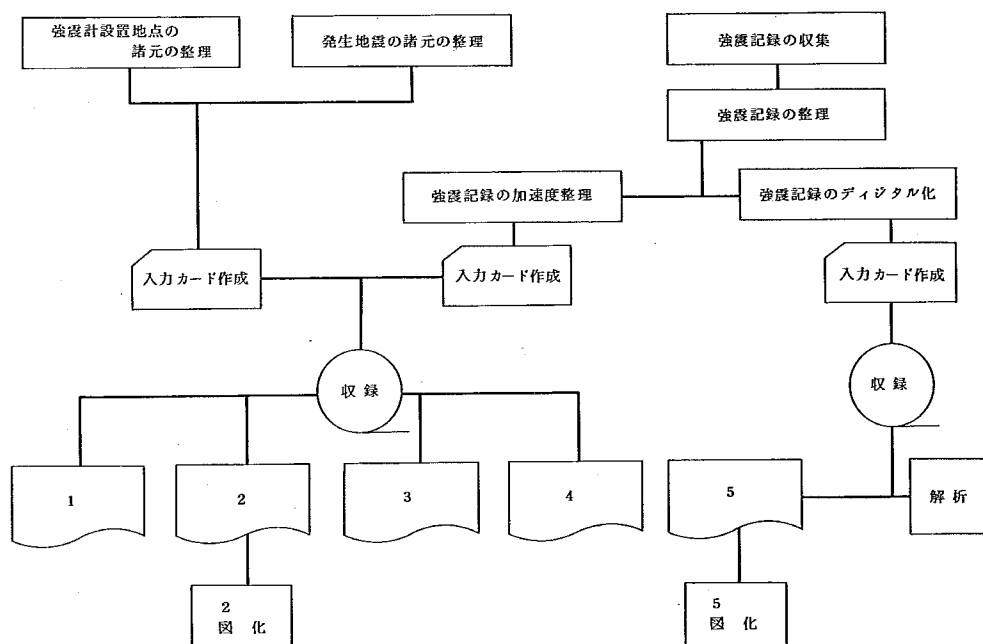


図-4 自動化のフローチャート

| STATION<br>NAME OF STRUCTURE |      | RECORD<br>NUMBER | MAX. AMPLITUDE (GALS) |          |         | EARTHQUAKE<br>TIME AND DATE        |
|------------------------------|------|------------------|-----------------------|----------|---------|------------------------------------|
|                              |      |                  | HORI. A               | VERTICAL | HORI. B |                                    |
| SHINTONEGAWA BRIDGE          | 104  | GR-1 5           | 5.0                   | 0.0      | 3.0     | 1988.02.28.05.00                   |
| OYA BRIDGE                   | 201  | PI-1 3           | 25.0                  | 8.0      | 10.0    | LOCATION OF<br>EPICENTER           |
| KAIHOKU BRIDGE               | 302  | PI-1 9           | 47.5                  | 0.0      | 18.8    |                                    |
| DATE BRIDGE                  | 304  | PI-1 18          | 10.0                  | 0.0      | 5.0     | LO=141 37                          |
| TAIRA BRIDGE                 | 907  | GR-1 2           | 40.0                  | 20.0     | 50.0    | LA= 37 34                          |
| TAIRA BRIDGE                 | 907  | AB-1 1           | 35.0                  | 10.0     | 23.0    | DEPTH, MAGNITUDE<br>50.0 KM, M=5.4 |
| ICHINOHASHI BRIDGE           | 1108 | GR-1 1           | 5.0                   | 0.0      | 10.0    |                                    |
| ( * E.Q. CENTER )            |      |                  |                       |          |         |                                    |

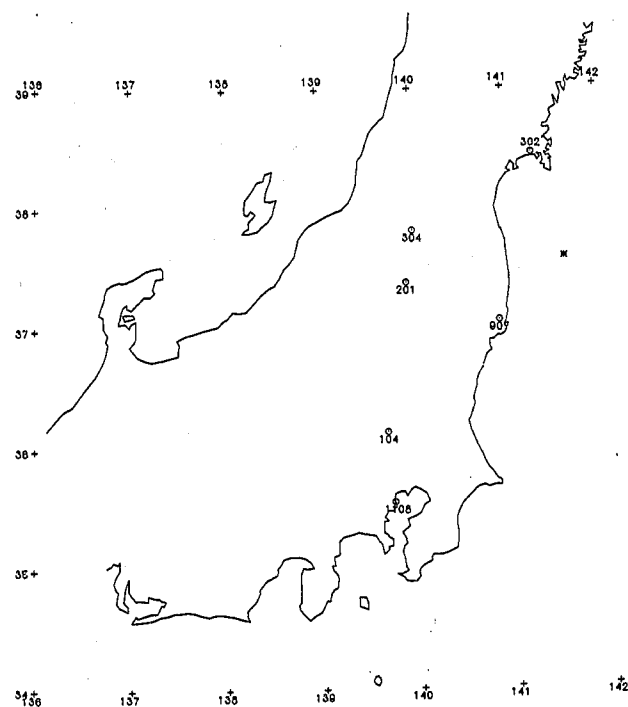


図 3 - 1 発生地震別観測記録諸元図

| 68018                        |                  | MIDDLE OF CHIBA-PREF  |          |                             |                                    |
|------------------------------|------------------|-----------------------|----------|-----------------------------|------------------------------------|
| STATION<br>NAME OF STRUCTURE | RECORD<br>NUMBER | MAX. AMPLITUDE (GALS) |          | EARTHQUAKE<br>TIME AND DATE |                                    |
|                              |                  | HORI. A               | VERTICAL | HORI. B                     |                                    |
| SHINKATSUSHIKA BRIDGE        | 101 GR-1 7       | 23.0                  | 3.0      | 25.0                        | LOCATION OF<br>EPICENTER           |
| SHINKATSUSHIKA BRIDGE        | 101 PI-1 8       | 40.0                  | 3.0      | 33.0                        |                                    |
| SHINTONEGAWA BRIDGE          | 104 GR-1 7       | 5.0                   | 0.0      | 5.0                         | LO=140 8                           |
| SHINTONEGAWA BRIDGE          | 104 PI-1 8       | 8.0                   | 0.0      | 10.0                        | LA= 35 32                          |
| SOKA BRIDGE                  | 108 GR-1 2       | 25.0                  | 5.0      | 18.0                        | DEPTH, MAGNITUDE<br>50.0 KM, M=5.1 |
| SOKA BRIDGE                  | 108 PI-1 1       | 35.0                  | 5.0      | 60.0                        |                                    |
| TOKYO BAY (FUTTU CAPE)       | 501 CR-1 28      | 15.0                  | 0.0      | 10.0                        | (* E.Q. CENTER)                    |
| TOKYO BAY (KANNONZAKI)       | 503 GR-1 8       | 15.0                  | 3.0      | 8.0                         |                                    |
| P.W.R.-I. CHIBA-BRANCHI      | 901 CR-1 31      | 50.0                  | 25.0     | 50.0                        |                                    |
| NISHIARAI BRIDGE             | 902 GR-1 23      | 23.0                  | 5.0      | 25.0                        |                                    |
| NISHIARAI BRIDGE             | 902 PI-1 41      | 25.0                  | 20.0     | 3.0                         |                                    |
| NISHIARAI BRIDGE             | 902 PI-2 20      | 20.0                  | 8.0      | 23.0                        |                                    |
| TAIRA BRIDGE                 | 907 GR-1 4       | 0.0                   | 0.0      | 0.0                         |                                    |
| ICHINOHASHI BRIDGE           | 1108 GR-1 4      | 13.0                  | 5.0      | 8.0                         |                                    |
| HANEDA UNDERSEA TUNNEL       | 1108 GR-1 2      | 18.0                  | 5.0      | 18.0                        |                                    |
| HANEDA UNDERSEA TUNNEL       | 1108 TU-2 2      | 5.0                   | 0.0      | 8.0                         |                                    |

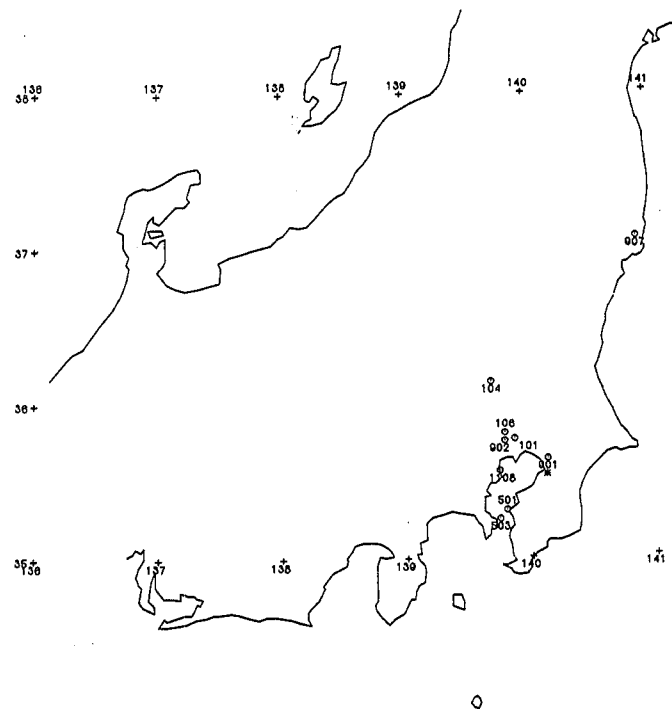


図 3 - 2 発生地震別観測記録諸元図

| 68066                        |                  | W COAST OF EHIME-PREF |          |            |                                     |
|------------------------------|------------------|-----------------------|----------|------------|-------------------------------------|
| STATION<br>NAME OF STRUCTURE | RECORD<br>NUMBER | MAX. AMPLITUDE (GALS) |          | EARTHQUAKE |                                     |
|                              |                  | HORI. A               | VERTICAL | HORI. B    | TIME AND DATE                       |
| KINOKAWA BRIDGE              | 112 GR-1 18      | 0.0                   | 0.0      | 0.0        | 1988.08.08.01.17                    |
| TAKATSU BRIDGE               | 207 GR-1 2       | 25.0                  | 8.0      | 33.0       |                                     |
| TAKATSU BRIDGE               | 207 PI-1 2       | 95.0                  | 20.0     | 83.0       | LOCATION OF                         |
| MYOKEN BRIDGE                | 308 GR-1 2       | 18.0                  | 5.0      | 18.0       | EPICENTER                           |
| MYOKEN BRIDGE                | 308 PI-1 4       | 25.0                  | 20.0     | 25.0       | LO=132 23                           |
| ITAJIMA BRIDGE               | 308 GR-1 4       | 380.0                 | 140.0    | 437.5      | LA= 35 18                           |
| ITAJIMA BRIDGE               | 308 PI-1 4       | 233.0                 | 100.0    | 200.0      | DEPTH, MAGNITUDE<br>40.0 KM. M= 8.8 |
| OTOME BRIDGE                 | 308 PI-1 18      | 23.0                  | 8.0      | 20.0       |                                     |
| TOYOHAMA BRIDGE              | 311 GR-1 4       | 0.0                   | 0.0      | 0.0        | (* E.Q. CENTER)                     |
| ISHIZUCHI BRIDGE             | 313 GR-1 2       | 63.0                  | 20.0     | 63.0       |                                     |
| ISHIZUCHI BRIDGE             | 313 PI-1 4       | 78.0                  | 23.0     | 95.0       |                                     |
| SEZUME BRIDGE                | 317 GR-1 1       | 13.0                  | 5.0      | 10.0       |                                     |
| KANNON BRIDGE                | 502 GR-3 2       | 5.0                   | 5.0      | 5.0        |                                     |
| KANNON BRIDGE                | 502 GR-M 2       | 13.0                  | 5.0      | 13.0       |                                     |
| ARIAKE-SEA EMBANKMENT        | 801 GR-1 3       | 20.0                  | 5.0      | 15.0       |                                     |
| CODAISAN BRIDGE              | 307 PI-1 4       | 0.0                   | 0.0      | 0.0        |                                     |

| 68090                        |                  | MIDDLE OF CHIBA-PREF  |          |                             |                                    |
|------------------------------|------------------|-----------------------|----------|-----------------------------|------------------------------------|
| STATION<br>NAME OF STRUCTURE | RECORD<br>NUMBER | MAX. AMPLITUDE (GALS) |          | EARTHQUAKE<br>TIME AND DATE |                                    |
|                              |                  | HORI. A               | VERTICAL | HORI. B                     |                                    |
| SHINKATSUSHIKA BRIDGE        | 101 GR-1 10      | 28.0                  | 5.0      | 35.0                        | 1988.10.08.09.50                   |
| SHINKATSUSHIKA BRIDGE        | 101 PI-1 11      | 45.0                  | 10.0     | 38.0                        |                                    |
| SHINTONEGAWA BRIDGE          | 104 GR-1 10      | 5.0                   | 0.0      | 8.0                         | LOCATION OF<br>EPICENTER           |
| SHINTONEGAWA BRIDGE          | 104 PI-1 18      | 10.0                  | 0.0      | 13.0                        |                                    |
| SOKA BRIDGE                  | 108 GR-1 15      | 48.0                  | 10.0     | 35.0                        | LO=140 9<br>LA= 35 31              |
| SOKA BRIDGE                  | 108 PI-1 15      | 83.0                  | 5.0      | 45.0                        |                                    |
| HIRAI BRIDGE                 | 310 GR-1 18      | 30.0                  | 5.0      | 35.0                        | DEPTH, MAGNITUDE<br>70.0 KM. M=8.0 |
| HIRAI BRIDGE                 | 310 PI-1 13      | 48.0                  | 15.0     | 35.0                        |                                    |
| HIRAI BRIDGE                 | 310 PI-2 13      | 65.0                  | 15.0     | 28.0                        | (* E.Q. CENTER)                    |
| TOKYO BAY(FUTTU CAPE)        | 501 GR-1 38      | 25.0                  | 10.0     | 18.0                        |                                    |
| TOKYO BAY(KANNONZAKI)        | 801 GR-1 11      | 40.0                  | 8.0      | 35.0                        |                                    |
| P.W.R.I.-CHIBA-BRANCHI       | 901 GR-1 37      | 50.0                  | 30.0     | 48.0                        |                                    |
| NISHIARAI BRIDGE             | 902 GR-1 28      | 40.0                  | 8.0      | 50.0                        |                                    |
| NISHIARAI BRIDGE             | 902 PI-1 44      | 40.0                  | 5.0      | 38.0                        |                                    |
| NISHIARAI BRIDGE             | 902 PI-2 21      | 33.0                  | 10.0     | 50.0                        |                                    |
| ICHINOHASHI BRIDGE           | 1108 GR-1 7      | 65.0                  | 13.0     | 55.0                        |                                    |
| ICHINOHASHI BRIDGE           | 1108 PI-1 3      | 125.0                 | 28.0     | 120.0                       |                                    |
| HANEDA UNDERSEA TUNNEL       | 1108 GR-1 4      | 28.0                  | 5.0      | 43.0                        |                                    |
| HANEDA UNDERSEA TUNNEL       | 1108 TU-1 3      | 13.0                  | 5.0      | 30.0                        |                                    |
| HANEDA UNDERSEA TUNNEL       | 1109 TU-2 4      | 10.0                  | 55.0     | 18.0                        |                                    |

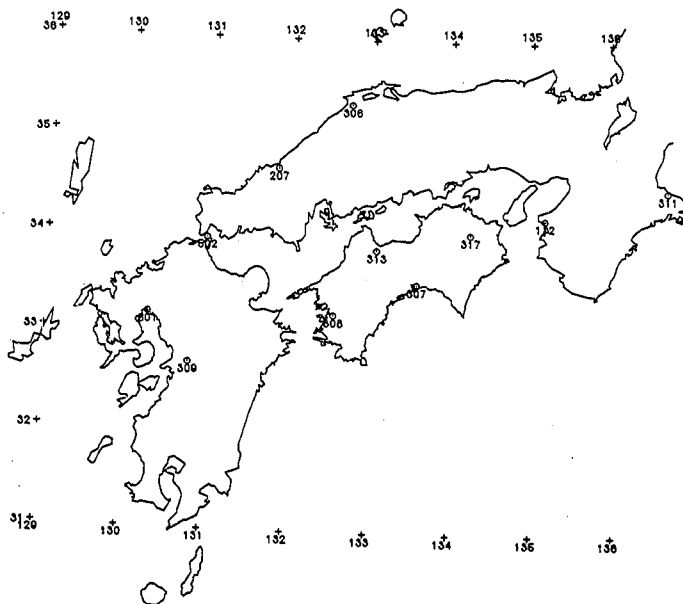


図 3 - 3 発生地震別観測記録諸元図

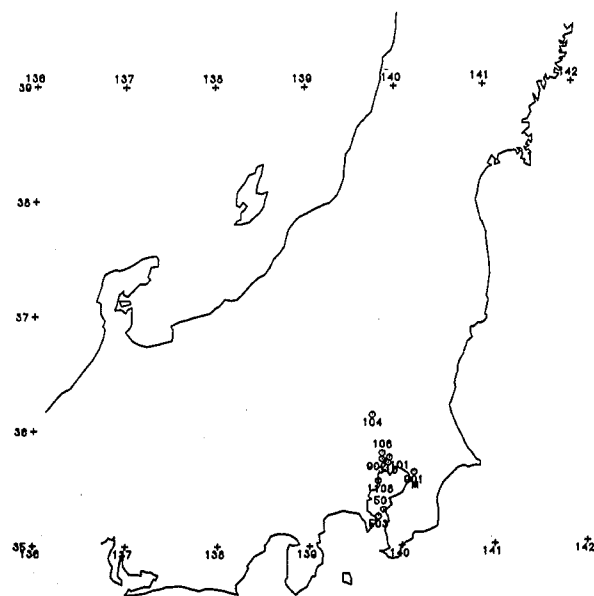


図 3 - 4 発生地震別観測記録諸元図

68026

HYUGANADA

| STATION<br>NAME OF STRUCTURE | RECORD<br>NUMBER | MAX. AMPLITUDE (GALS) |          |         | EARTHQUAKE<br>TIME AND DATE                            |
|------------------------------|------------------|-----------------------|----------|---------|--------------------------------------------------------|
|                              |                  | HORI. A               | VERTICAL | HORI. B |                                                        |
| KINOKAWA BRIDGE              | 112 GR-1 12      | 8.0                   | 0.0      | 5.0     | 1988.04.01.09.42                                       |
| ISHISETO BRIDGE              | 205 GR-1 8       | 28.3                  | 15.0     | 28.4    |                                                        |
| ISHISETO BRIDGE              | 205 PI-1 18      | 70.0                  | 10.0     | 35.0    | LOCATION OF<br>EPICENTER<br>LO=132 32<br>LA= 32 17     |
| TAKATSU BRIDGE               | 207 GR-1 1       | 20.0                  | 5.0      | 25.0    |                                                        |
| TAKATSU BRIDGE               | 207 PI-1 1       | 118.0                 | 20.0     | 75.0    | DEPTH, MAGNITUDE<br>30.0 KM. M= 7.5<br>(* E.Q. CENTER) |
| MINATO BRIDGE                | 305 GR-1 4       | 15.0                  | 8.0      | 25.0    |                                                        |
| MYOKEN BRIDGE                | 308 GR-1 1       | 35.0                  | 20.0     | 48.0    |                                                        |
| MYOKEN BRIDGE                | 308 PI-1 1       | 45.0                  | 8.0      | 48.0    |                                                        |
| GODAI SAN BRIDGE             | 307 PI-1 3       | 90.0                  | 25.0     | 45.0    |                                                        |
| ITAJIMA BRIDGE               | 308 GR-1 2       | 189.3                 | 43.0     | 168.9   |                                                        |
| ITAJIMA BRIDGE               | 308 PI-1 2       | 375.0                 | 55.0     | 213.0   |                                                        |
| OTOME BRIDGE                 | 309 GR-1 14      | 33.0                  | 15.0     | 35.0    |                                                        |
| ISHIZUCHI BRIDGE             | 313 GR-1 1       | 55.0                  | 10.0     | 35.0    |                                                        |
| ISHIZUCHI BRIDGE             | 313 PI-1 2       | 65.0                  | 23.0     | 83.0    |                                                        |
| SEZUME BRIDGE                | 317 PI-1 2       | 30.0                  | 15.0     | 30.0    |                                                        |
| KANMON BRIDGE                | 502 GR-3 1       | 0.0                   | 0.0      | 0.0     |                                                        |
| KANMON BRIDGE                | 502 GR-M 1       | 5.0                   | 0.0      | 5.0     |                                                        |
| ARIAKE-SEA EMBANKMENT        | 801 GR-1 2       | 50.0                  | 13.0     | 38.0    |                                                        |

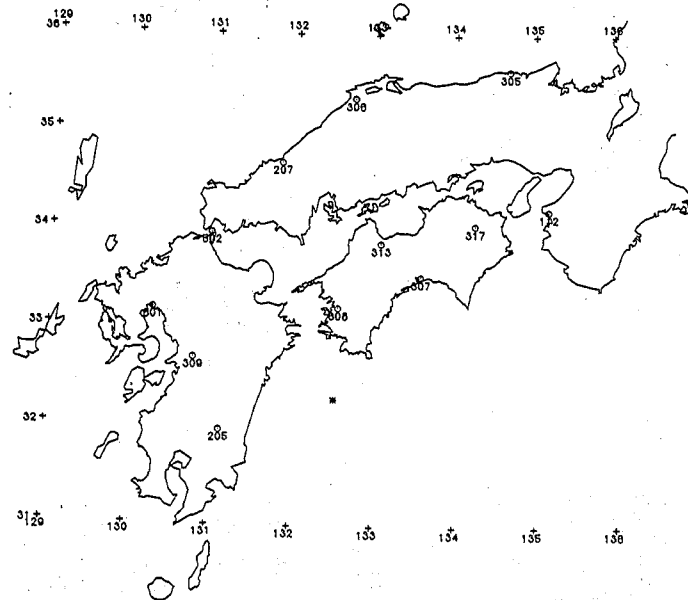


図 3-5 発生地震別観測記録諸元図

68057

MIDDLE OF SAITAMA-PREF

| STATION<br>NAME OF STRUCTURE | RECORD<br>NUMBER | MAX. AMPLITUDE (GALS) |          |         | EARTHQUAKE<br>TIME AND DATE                            |
|------------------------------|------------------|-----------------------|----------|---------|--------------------------------------------------------|
|                              |                  | HORI. A               | VERTICAL | HORI. B |                                                        |
| SHINTONECWA BRIDGE           | 104 GR-1 9       | 85.0                  | 25.0     | 75.0    | 1988.07.01.10.45                                       |
| SHINTONECWA BRIDGE           | 104 PI-1 8       | 53.0                  | 13.0     | 60.0    |                                                        |
| SOKA BRIDGE                  | 108 GR-1 9       | 50.0                  | 15.0     | 50.0    | LOCATION OF<br>EPICENTER<br>LO=139 25<br>LA= 35 50     |
| SOKA BRIDGE                  | 108 PI-1 8       | 85.0                  | 8.0      | 75.0    |                                                        |
| DATE BRIDGE                  | 304 GR-1 13      | 10.0                  | 3.0      | 5.0     | DEPTH, MAGNITUDE<br>50.0 KM. M= 6.1<br>(* E.Q. CENTER) |
| DATE BRIDGE                  | 304 PI-1 22      | 13.0                  | 6.0      | 13.0    |                                                        |
| HIRAI BRIDGE                 | 310 GR-1 15      | 58.1                  | 25.0     | 46.8    |                                                        |
| HIRAI BRIDGE                 | 310 PI-1 12      | 108.0                 | 30.0     | 83.0    |                                                        |
| HIRAI BRIDGE                 | 310 PI-2 12      | 128.0                 | 30.0     | 80.0    |                                                        |
| SHITOKU BRIDGE               | 319 GR-1 3       | 25.0                  | 16.0     | 30.0    |                                                        |
| SHITOKU BRIDGE               | 319 PI-1 3       | 98.0                  | 15.0     | 40.0    |                                                        |
| TOKYO BAY (FUTTU CAPE)       | 501 GR-1 29      | 25.1                  | 10.0     | 17.0    |                                                        |
| TOKYO BAY (KANNONZAKI)       | 503 GR-1 3       | 25.0                  | 5.0      | 15.0    |                                                        |
| P.W.R.-I-SHIBA-BRANCH        | 901 GR-1 33      | 65.0                  | 38.0     | 45.0    |                                                        |
| NISHIARAI BRIDGE             | 902 GR-1 25      | 80.0                  | 16.0     | 48.0    |                                                        |
| NISHIARAI BRIDGE             | 902 PI-1 43      | 65.0                  | 10.0     | 33.0    |                                                        |
| OGHIAI BRIDGE                | 905 GR-1 258     | 5.0                   | 3.0      | 5.0     |                                                        |
| OGHIAI BRIDGE                | 905 PI-1 408     | 13.0                  | 3.0      | 6.0     |                                                        |
| TAIRA BRIDGE                 | 907 GR-1 14      | 20.0                  | 10.0     | 16.0    |                                                        |
| TAIRA BRIDGE                 | 907 AB-1 5       | 8.0                   | 5.0      | 8.0     |                                                        |
| CHUD-HIGHWAY SAKAICAWA-B     | 1004 GR-1 1      | 25.0                  | 10.0     | 55.0    |                                                        |
| CHUD-HIGHWAY SAKAICAWA-B     | 1004 PI-1 1      | 85.0                  | 15.0     | 125.0   |                                                        |
| CHUD-HIGHWAY USAKUBO-B       | 1005 GR-1 1      | 45.0                  | 15.0     | 35.0    |                                                        |
| CHUD-HIGHWAY USAKUBO-B       | 1005 PI-1 1      | 178.0                 | 15.0     | 48.0    |                                                        |
| CHUD-HIGHWAY TSURUKAWA-B     | 1008 GR-1 1      | 18.0                  | 5.0      | 20.0    |                                                        |
| ICHIMINOHASHI BRIDGE         | 1108 GR-1 5      | 48.0                  | 15.0     | 36.0    |                                                        |
| ICHIMINOHASHI BRIDGE         | 1108 PI-1 2      | 173.0                 | 25.0     | 140.0   |                                                        |
| HANEDA UNDERSEA TUNNEL       | 1109 GR-1 3      | 85.0                  | 10.0     | 48.0    |                                                        |
| HANEDA UNDERSEA TUNNEL       | 1109 TU-1 2      | 35.0                  | 15.0     | 35.0    |                                                        |
| HANEDA UNDERSEA TUNNEL       | 1109 TU-2 3      | 35.0                  | 10.0     | 28.0    |                                                        |
| SHINKATSUSHIKA BRIDGE        | 101 GR-1 9       | 36.8                  | 10.0     | 37.0    |                                                        |
| SHINKATSUSHIKA BRIDGE        | 101 PI-1 9       | 55.0                  | 10.0     | 50.0    |                                                        |

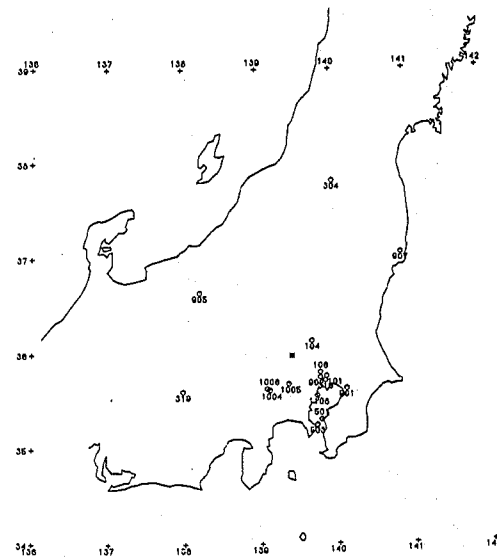


図 3-6 発生地震別観測記録諸元図

70004

S PART OF HOKKAIDO

| STATION<br>NAME OF STRUCTURE | RECORD<br>NUMBER | MAX.AMPLITUDE(GALS)<br>HORI.A VERTICAL HORI.B | EARTHQUAKE<br>TIME AND DATE |
|------------------------------|------------------|-----------------------------------------------|-----------------------------|
| CHIYODA BRIDGE               | 1302 PI-1 8      | 125.0 82.5 87.5                               | 1970.01.23.02.33            |
| CHIYODA BRIDGE               | 1302 PI-2 8      | 100.0 37.5 52.5                               | LOCATION OF                 |
| SHINISHIKARI BRIDGE          | 1303 GR-1 5      | 85.0 20.5 57.5                                | LOCATION OF                 |
| SHINISHIKARI BRIDGE          | 1303 PI-1 1      | 82.5 10.0 40.0                                | EPICENTER                   |
| OTANOSHIGE BRIDGE            | 1304 GR-1 4      | 0.0 7.5 22.5                                  | LO=143 8                    |
| HOROHAN BRIDGE               | 1305 GR-1 11     | 105.0 45.0 147.5                              | LA= 42 23                   |
| HOROHAN BRIDGE               | 1306 PI-1 5      | 182.5 85.0 147.5                              | DEPTH, MAGNITUDE            |
| SHICHIHO BRIDGE              | 1307 GR-1 1      | 12.5 0.0 5.0                                  | 50.0 KM, M=6.7              |
| CHIYODA BRIDGE               | 1302 GR-1 10     | 85.0 27.5 85.0                                | (* E.Q. CENTER)             |

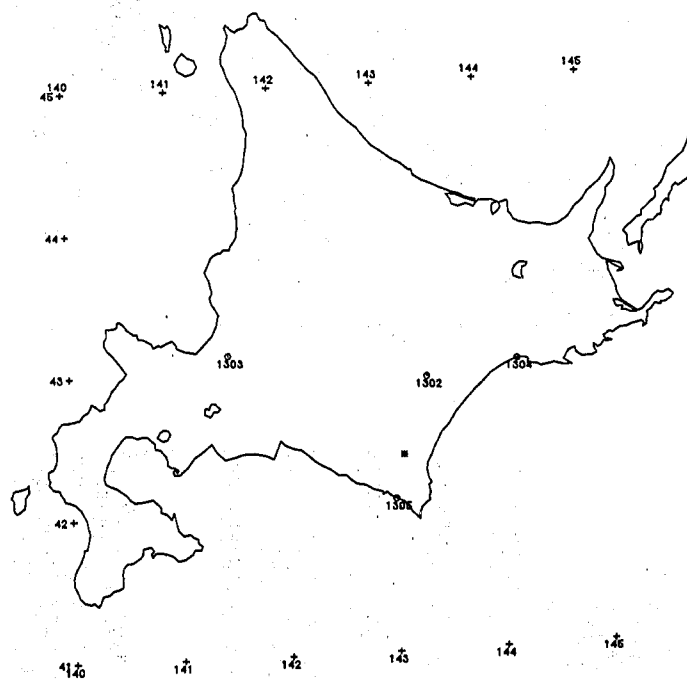


図 3 - 7 発生地震別観測記録諸元図

70031

SOUTHEASTERN AKITA-PREF

| STATION<br>NAME OF STRUCTURE | RECORD<br>NUMBER | MAX.AMPLITUDE(GALS)<br>HORI.A VERTICAL HORI.B | EARTHQUAKE<br>TIME AND DATE |
|------------------------------|------------------|-----------------------------------------------|-----------------------------|
| KAHOKU BRIDGE                | 303 GR-1 14      | 7.5 2.5 10.0                                  | 1970.10.16.14.28            |
| KAIHOKU BRIDGE               | 302 PI-1 28      | 25.0 3.8 11.3                                 | LOCATION OF                 |
| KAIHOKU BRIDGE               | 302 GR-1 23      | 8.9 3.1 8.3                                   | LOCATION OF                 |
| YUHEI BRIDGE                 | 301 GR-1 7       | 157.5 47.5 147.0                              | EPICENTER                   |
| YUHEI BRIDGE                 | 301 PI-1 9       | 121.4 80.5 155.4                              | LO=140 45                   |
| HEIWA BRIDGE                 | 113 PI-1 1       | 152.5 80.0 132.5                              | LA= 39 12                   |
| YONEYAMA BRIDGE              | 102 PI-1 4       | 28.0 9.5 10.0                                 | DEPTH, MAGNITUDE            |
|                              |                  |                                               | 0.0 KM, M=6.2               |
|                              |                  |                                               | (* E.Q. CENTER)             |

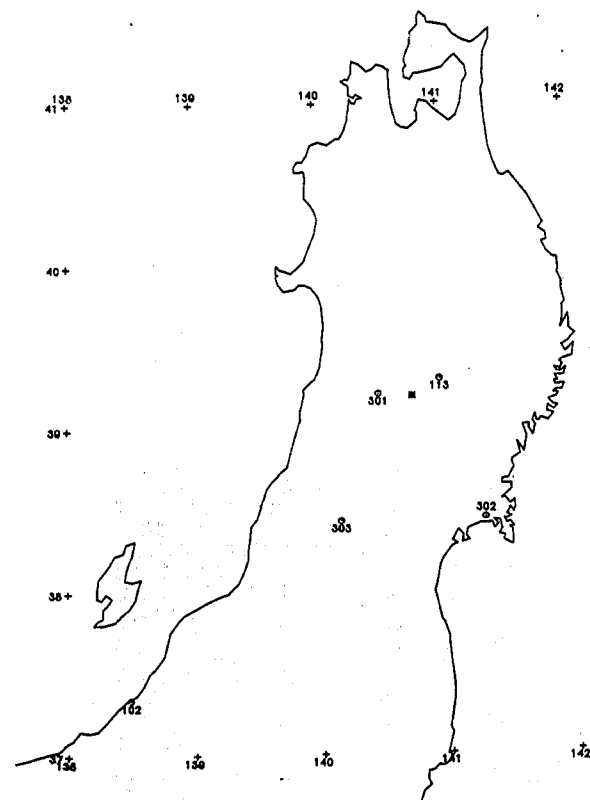


図 3 - 8 発生地震別観測記録諸元図

## § 5. 掲載記録の一覧表および当該地震の諸元表

表 - 1 - 1

| INDEX NO. | RECORD NO. | STATION<br>NAME OF STRUCTURE |      | MAX. ACCEL. (GAL)<br>TIME (SEC) | DURATION<br>TIME (SEC) | DATA<br>NUMBER | E.Q.NO. | D.P | F.P |
|-----------|------------|------------------------------|------|---------------------------------|------------------------|----------------|---------|-----|-----|
| 73        | 104-GR-9   | SHINTONEGAWA B.              | TR   | -65.130 2.02                    | 30.00                  | 474            | 68057   | 19  | 81  |
| 74        | 104-GR-9   | SHINTONEGAWA B.              | LG   | 82.147 64.01                    | 30.00                  | 410            | 68057   | 20  | "   |
| 76        | CASTAIC    | SAN FERNANDO                 | N69W | 309.680 1.40                    | 17.07                  | 228            | *****   | 22  | 91  |
| 77        | CASTAIC    | SAN FERNANDO                 | N21E | 380.240 2.91                    | 17.07                  | 241            | *****   | 23  | "   |
| 89        | 106-GR-9   | SOOKA BRIDGE                 | TR   | 50.000 3.16                     | 29.50                  | 426            | 68057   | 24  | 81  |
| 90        | 106-GR-9   | SOOKA BRIDGE                 | LG   | -46.250 5.60                    | 29.50                  | 451            | 68057   | 25  | "   |
| 124       | 106-GR-15  | SOOKA BRIDGE                 | TR   | -47.500 2.10                    | 23.00                  | 279            | 68090   | 27  | 82  |
| 125       | 106-GR-15  | SOOKA BRIDGE                 | LG   | 37.630 2.35                     | 23.00                  | 272            | 68090   | 28  | "   |
| 126       | 112-GR-8   | KINOKAWA BRIDGE              | TR   | -71.630 0.72                    | 8.00                   | 138            | 68022   | 29  | 91  |
| 204       | 112-GR-8   | KINOKAWA BRIDGE              | LG   | 79.630 0.54                     | 9.00                   | 168            | 68022   | "   | 82  |
| 213       | 306-GR-1   | MYOKEN BRIDGE                | TR   | -33.380 15.70                   | 34.00                  | 347            | 68026   | 30  | "   |
| 214       | 306-GR-1   | MYOKEN BRIDGE                | LG   | -48.250 14.60                   | 34.00                  | 351            | 68026   | 31  | 83  |
| 215       | 308-GR-8   | ITAJIMA BRIDGE               | TR   | -171.630 2.15                   | 11.00                  | 173            | 68070   | 32  | "   |
| 216       | 308-GR-8   | ITAJIMA BRIDGE               | LG   | 226.500 1.79                    | 11.00                  | 169            | 68070   | "   | 82  |
| 217       | 313-GR-2   | ISHIZUCHI BRIDGE             | TR   | -68.630 6.12                    | 15.00                  | 259            | 68066   | 33  | "   |
| 218       | 313-GR-2   | ISHIZUCHI BRIDGE             | LG   | 62.380 6.80                     | 15.00                  | 258            | 68066   | 34  | "   |
| 219       | 503-GR-11  | KANNONZAKI                   | E-W  | 37.500 0.83                     | 7.00                   | 117            | 68090   | 35  | "   |
| 220       | 503-GR-11  | KANNONZAKI                   | N-S  | -33.880 1.16                    | 7.00                   | 113            | 68090   | "   | "   |
| 221       | 901-GR-31  | P.W.R.I. CHIBA               | N-S  | -48.380 0.60                    | 12.00                  | 191            | 68018   | 36  | 84  |
| 222       | 901-GR-31  | P.W.R.I. CHIBA               | E-W  | 42.000 0.90                     | 12.00                  | 166            | 68018   | "   | "   |
| 223       | 901-GR-33  | P.W.R.I. CHIBA               | N-S  | 64.880 3.90                     | 25.00                  | 333            | 68057   | 37  | "   |
| 224       | 901-GR-33  | P.W.R.I. CHIBA               | E-W  | -45.880 5.95                    | 25.00                  | 316            | 68057   | 38  | 83  |
| 225       | 901-GR-37  | P.W.R.I. CHIBA               | N-S  | 50.880 1.15                     | 8.00                   | 117            | 68090   | 39  | 84  |
| 226       | 901-GR-37  | P.W.R.I. CHIBA               | E-W  | -49.630 0.67                    | 8.00                   | 112            | 68090   | "   | "   |
| 227       | 902-GR-25  | NISHIARAI BRIDGE             | LG   | -77.380 6.15                    | 28.00                  | 373            | 68057   | 40  | 83  |
| 228       | 902-GR-25  | NISHIARAI BRIDGE             | TR   | 46.000 6.45                     | 28.00                  | 405            | 68057   | 41  | 85  |
| 229       | 905-C-117  | OCHIAI BRIDGE                | E-W  | -48.750 0.54                    | 8.00                   | 116            | 69012   | 42  | 84  |
| 230       | 905-C-117  | OCHIAI BRIDGE                | N-S  | -45.500 0.65                    | 8.00                   | 137            | 69012   | 43  | "   |
| 231       | 905-B-264  | OCHIAI BRIDGE                | LG   | 161.500 0.52                    | 7.00                   | 125            | 69012   | "   | 86  |
| 232       | 905-B-264  | OCHIAI BRIDGE                | TR   | -34.750 0.50                    | 7.00                   | 143            | 69012   | 44  | "   |
| 233       | 104-GR-12  | SHINTONEGAWA B.              | TR   | -40.250 0.80                    | 11.00                  | 136            | 69013   | "   | "   |
| 234       | 104-GR-12  | SHINTONEGAWA B.              | LG   | -69.380 0.87                    | 11.00                  | 131            | 69013   | 45  | "   |
| 235       | 204-GR-3   | SHINYAWATA B.                | TR   | 41.630 6.53                     | 23.00                  | 371            | 69032   | "   | "   |
| 236       | 204-GR-3   | SHINYAWATA B.                | LG   | -42.130 8.50                    | 23.00                  | 390            | 69032   | 46  | 87  |
| 237       | 905-B-265  | OCHIAI BRIDGE                | LG   | 70.250 0.48                     | 5.00                   | 96             | 69047   | 47  | 86  |
| 238       | 905-B-265  | OCHIAI BRIDGE                | TR   | -13.000 1.21                    | 5.00                   | 102            | 69047   | 48  | "   |
| 239       | 205-GR-8   | ISHISETO BRIDGE              | LG   | 26.500 10.85                    | 23.00                  | 302            | 70021   | "   | 87  |
| 240       | 205-GR-8   | ISHISETO BRIDGE              | TR   | -27.500 12.16                   | 23.00                  | 312            | 70021   | 49  | "   |
| 241       | 301-GR-7   | YUUEI BRIDGE                 | TR   | 153.000 2.13                    | 16.00                  | 269            | 70031   | 50  | "   |
| 242       | 301-GR-7   | YUUEI BRIDGE                 | LG   | 106.280 3.83                    | 16.00                  | 281            | 70031   | 51  | "   |
| 243       | 308-GR-12  | ITAJIMA BRIDGE               | TR   | -58.750 1.80                    | 10.00                  | 146            | 70022   | 52  | "   |
| 244       | 308-GR-12  | ITAJIMA BRIDGE               | LG   | -41.630 1.68                    | 10.00                  | 178            | 70022   | 53  | "   |
| 245       | 905-B-266  | OCHIAI BRIDGE                | LG   | 57.750 0.85                     | 6.00                   | 106            | 70011   | "   | "   |
| 246       | 905-B-266  | OCHIAI BRIDGE                | TR   | 26.000 1.33                     | 6.00                   | 117            | 70011   | 54  | 89  |
| 247       | 907-GR-39  | TAIRA BRIDGE                 | TR   | 41.130 1.12                     | 6.00                   | 91             | 70008   | "   | "   |
| 248       | 907-GR-39  | TAIRA BRIDGE                 | LG   | 56.630 0.33                     | 6.00                   | 90             | 70008   | 55  | "   |
| 249       | 1302-GR-10 | CHIYODA BRIDGE               | LG   | 78.630 5.20                     | 56.00                  | 895            | 70004   | "   | 88  |
| 250       | 1302-GR-10 | CHIYODA BRIDGE               | TR   | 83.000 7.30                     | 56.00                  | 839            | 70004   | 58  | "   |
| 251       | 1303-GR-5  | SHINISHIKARI B.              | TR   | 60.880 4.70                     | 55.00                  | 587            | 70004   | 60  | "   |
| 252       | 1303-GR-5  | SHINISHIKARI B.              | LG   | -72.750 5.50                    | 55.00                  | 608            | 70004   | 62  | "   |

表-1-2

| INDEX NO. | RECORD NO. | STATION           |     | MAX.ACCEL. (CAL) |      | DURATION<br>TIME (SEC) | DATA<br>NUMRER | E.Q.NO. | D. P | F. P |
|-----------|------------|-------------------|-----|------------------|------|------------------------|----------------|---------|------|------|
|           |            | NAME OF STRUCTURE |     | TIME (SEC)       |      |                        |                |         |      |      |
| 253       | 1305-GR-11 | HOROMAN BRIDGE    | LG  | -104.630         | 9.07 | 28.00                  | 539            | 70004   | 64   | 85   |
| 254       | 1305-GR-11 | HOROMAN BRIDGE    | TR  | 88.880           | 9.12 | 28.00                  | 481            | 70004   | 65   | "    |
| 255       | 503-GR-9   | KANNONZAKI        | E-W | -42.880          | 0.58 | 5.00                   | 92             | 68059   | 67   | 89   |
| 256       | 503-GR-9   | KANNONZAKI        | N-S | -56.250          | 0.95 | 5.00                   | 82             | 68059   | "    | "    |
| 257       | 902-GR-26  | NISHIAKAI BRIDGE  | LG  | 39.380           | 0.90 | 9.00                   | 157            | 68089   | 68   | "    |
| 258       | 902-GR-26  | NISHIAKAI BRIDGE  | TR  | -52.000          | 1.57 | 9.00                   | 174            | 68089   | "    | "    |
| 259       | 907-GR-2   | TAIRA BRIDGE      | TR  | 38.250           | 2.10 | 9.00                   | 133            | 68015   | 69   | "    |
| 260       | 907-GR-2   | TAIRA BRIDGE      | LG  | -51.130          | 1.14 | 9.00                   | 130            | 68015   | "    | 90   |
| 261       | 1004-GR-1  | SAKAIGAWA BRIDGE  | LG  | 25.380           | 2.94 | 7.00                   | 108            | 68057   | 70   | "    |
| 262       | 1004-GR-1  | SAKAIGAWA BRIDGE  | TR  | -54.500          | 2.85 | 7.00                   | 109            | 68057   | "    | "    |
| 263       | 1005-GR-1  | UBAKUBO BRIDGE    | TR  | -48.000          | 5.85 | 20.00                  | 302            | 68057   | 71   | "    |
| 264       | 1005-GR-1  | UBAKUBO BRIDGE    | LG  | 38.880           | 4.80 | 20.00                  | 288            | 68057   | 72   | "    |
| 265       | 1108-GR-5  | ICHINOWASHI B.    | TR  | -46.750          | 7.80 | 20.00                  | 273            | 68057   | 73   | "    |
| 266       | 1108-GR-5  | ICHINOWASHI B.    | LG  | -37.380          | 5.55 | 20.00                  | 275            | 68057   | 74   | "    |
| 267       | 1108-GR-7  | ICHINOWASHI B.    | TR  | -55.880          | 1.00 | 11.00                  | 152            | 68090   | 75   | "    |
| 268       | 1108-GR-7  | ICHINOWASHI B.    | LG  | 55.250           | 0.80 | 11.00                  | 153            | 68090   | "    | 91   |
| 269       | 1109-GR-3  | HANEDA U. T.      | LG  | -59.250          | 1.95 | 17.00                  | 254            | 68057   | 76   | "    |
| 270       | 1109-GR-3  | HANEDA U. T.      | TR  | -54.750          | 2.25 | 17.00                  | 239            | 68057   | 77   | "    |

表-2

| EQ. NO. | EPICENTRAL REGION       | EARTHQUAKE TIME AND DAY | LONGITUDE | LATITUDE | DEPTH(KM) | MAGNITUDE |
|---------|-------------------------|-------------------------|-----------|----------|-----------|-----------|
| 68015   | OFF FUKUSHIMA-PREF      | 1968.02.26,05.00        | 141 37 0  | 37 34 0  | 50.0      | 5.4       |
| 68018   | MIDDLE OF CHIBA-PREF    | 1968.03.07,11.54        | 140 8 0   | 35 32 0  | 50.0      | 5.1       |
| 68022   | NEAR WAKAYAMA           | 1968.03.30,04.04        | 135 10 0  | 34 10 0  | 0.        | 5.0       |
| 68026   | HYUGANADA               | 1968.04.01,09.42        | 132 32 0  | 32 17 0  | 30.0      | 7.5       |
| 68057   | MIDDLE OF SAITAMA-PREF  | 1968.07.01,19.45        | 139 26 0  | 35 59 0  | 50.0      | 6.1       |
| 68066   | W COAST OF EHIME-PREF   | 1968.08.06,01.17        | 132 23 0  | 33 18 0  | 40.0      | 6.6       |
| 68070   | W COAST OF EHIME-PREF   | 1968.08.06,13.21        | 132 27 0  | 33 21 0  | 40.0      | 5.3       |
| 68089   | OFF URAKAWA             | 1968.10.08,05.49        | 142 43 0  | 41 49 0  | 60.0      | 6.2       |
| 68090   | MIDDLE OF CHIBA-PREF    | 1968.10.08,09.50        | 140 9 0   | 35 31 0  | 70.0      | 0.        |
| 69012   | NEAR MATSUSHIRO         | 1969.04.06,01.36        | 138 15 0  | 36 31 0  | 0.        | 4.5       |
| 69013   | MIDDLE OF TOCHIGI-PREF  | 1969.04.09,21.57        | 139 46 0  | 36 47 0  | 100.0     | 0.        |
| 69032   | MIDDLE OF Gifu-PREF     | 1969.09.09,14.15        | 137 4 0   | 35 47 0  | 0.        | 6.6       |
| 69041   | NEAR MITO               | 1969.11.02,12.30        | 140 38 0  | 36 26 0  | 50.0      | 4.0       |
| 70004   | S PART OF HOKKAIDO      | 1970.01.23,02.33        | 143 8 0   | 42 23 0  | 50.0      | 6.7       |
| 70008   | OFF FUKUSHIMA-PREF      | 1970.02.15,13.01        | 141 28 0  | 37 21 0  | 50.0      | 5.1       |
| 70011   | NEAR MATSUSHIRO         | 1970.04.09,01.44        | 138 6 0   | 36 26 0  | 0.        | 5.0       |
| 70021   | OFF MIYAZAKI-PREF       | 1970.07.26,07.41        | 132 2 0   | 32 4 0   | 10.0      | 6.7       |
| 70022   | OFF MIYAZAKI-PREF       | 1970.07.26,07.59        | 131 58 0  | 32 4 0   | 10.0      | 4.7       |
| 70031   | SOUTHEASTERN AKITA-PREF | 1970.10.16,14.26        | 140 45 0  | 39 12 0  | 0.        | 6.2       |

## §6. デジタル数値表

INDEX NO. 73 104-GR-9 SHINTONEGAMA B. TR MAX.ACCEL.= -65.130(GAL) T= 2.02(SEC) NO. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 1 0.      | -1.380  | 51 2.57   | 6.130   | 101 5.36  | 3.630   | 151 7.90  | 12.380  |
| 2 0.05    | -0.130  | 52 2.60   | 6.130   | 102 5.40  | -12.430 | 152 7.95  | 17.380  |
| 3 0.10    | 6.130   | 53 2.66   | -15.130 | 103 5.45  | -10.130 | 153 8.00  | 4.880   |
| 4 0.15    | -1.380  | 54 2.70   | -18.880 | 104 5.50  | -8.880  | 154 8.10  | 17.380  |
| 5 0.20    | 6.130   | 55 2.80   | -11.880 | 105 5.55  | 12.380  | 155 8.15  | -15.130 |
| 6 0.25    | -0.130  | 56 2.88   | 12.380  | 106 5.60  | -16.130 | 156 8.20  | -15.130 |
| 7 0.30    | 4.880   | 57 2.90   | 9.880   | 107 5.65  | 8.430   | 157 8.26  | 3.630   |
| 8 0.38    | -5.130  | 58 2.97   | -26.880 | 108 5.70  | 24.580  | 158 8.30  | -6.380  |
| 9 0.40    | -2.630  | 59 3.00   | -21.380 | 109 5.75  | 12.380  | 159 8.38  | -33.880 |
| 10 0.47   | -12.630 | 60 3.06   | 6.130   | 110 5.80  | 12.380  | 160 8.40  | -31.380 |
| 11 0.50   | -2.630  | 61 3.10   | 6.130   | 111 5.85  | 16.130  | 161 8.48  | -6.380  |
| 12 0.53   | -5.130  | 62 3.15   | 9.880   | 112 5.90  | -12.430 | 162 8.50  | -12.630 |
| 13 0.58   | 4.880   | 63 3.20   | 14.880  | 113 6.00  | -25.130 | 163 8.56  | 6.130   |
| 14 0.60   | -5.130  | 64 3.25   | 9.880   | 114 6.10  | 6.130   | 164 8.60  | 6.130   |
| 15 0.70   | -12.630 | 65 3.30   | 14.880  | 115 6.15  | -15.130 | 165 8.67  | 4.880   |
| 16 0.73   | 4.880   | 66 3.40   | 22.380  | 116 6.20  | -15.130 | 166 8.70  | 24.880  |
| 17 0.80   | 2.380   | 67 3.45   | -2.630  | 117 6.25  | -15.130 | 167 8.79  | 34.880  |
| 18 0.83   | 9.880   | 68 3.50   | 12.380  | 118 6.30  | -0.130  | 168 8.80  | 31.130  |
| 19 0.90   | -0.130  | 69 3.55   | -7.630  | 119 6.35  | 18.630  | 169 8.85  | 22.380  |
| 20 1.00   | -0.130  | 70 3.60   | -6.380  | 120 6.40  | 4.380   | 170 8.90  | 22.380  |
| 21 1.10   | -35.130 | 71 3.68   | -46.380 | 121 6.45  | 7.380   | 171 9.00  | -21.380 |
| 22 1.20   | 22.380  | 72 3.70   | -43.880 | 122 6.50  | -0.130  | 172 9.10  | -7.630  |
| 23 1.22   | 29.880  | 73 3.75   | -12.630 | 123 6.55  | 22.380  | 173 9.20  | -37.630 |
| 24 1.30   | 4.880   | 74 3.80   | -8.880  | 124 6.60  | 12.380  | 174 9.30  | -0.130  |
| 25 1.32   | -10.130 | 75 3.82   | -10.130 | 125 6.65  | -0.130  | 175 9.32  | 8.630   |
| 26 1.40   | 4.880   | 76 3.90   | 22.380  | 126 6.70  | -8.880  | 176 9.35  | 6.130   |
| 27 1.43   | 59.880  | 77 3.99   | -0.130  | 127 6.72  | -17.630 | 177 9.48  | 24.880  |
| 28 1.50   | 4.880   | 78 4.00   | -0.130  | 128 6.80  | 17.380  | 178 9.50  | 26.130  |
| 29 1.53   | -7.630  | 79 4.05   | 37.380  | 129 6.88  | -18.880 | 179 9.55  | 29.880  |
| 30 1.60   | 27.380  | 80 4.10   | 37.630  | 130 6.90  | -17.630 | 180 9.60  | 24.880  |
| 31 1.64   | 49.880  | 81 4.20   | 7.380   | 131 7.00  | 12.380  | 181 9.70  | 14.880  |
| 32 1.68   | 14.880  | 82 4.25   | 6.130   | 132 7.03  | 16.130  | 182 9.75  | 6.130   |
| 33 1.70   | 9.880   | 83 4.30   | -8.880  | 133 7.10  | -6.380  | 183 9.80  | 6.130   |
| 34 1.75   | -33.880 | 84 4.40   | -12.630 | 134 7.15  | 2.380   | 184 9.90  | -30.130 |
| 35 1.80   | -35.130 | 85 4.45   | -37.630 | 135 7.20  | 3.630   | 185 9.95  | -22.630 |
| 36 1.85   | -32.630 | 86 4.50   | -47.630 | 136 7.25  | -3.880  | 186 10.00 | -29.130 |
| 37 1.90   | -15.130 | 87 4.55   | 5.380   | 137 7.30  | 2.380   | 187 10.05 | -2.880  |
| 38 1.95   | -15.130 | 88 4.60   | -0.130  | 138 7.32  | 12.380  | 188 10.10 | -30.130 |
| 39 2.00   | -62.630 | 89 4.65   | 18.630  | 139 7.40  | -0.130  | 189 10.15 | -32.630 |
| 40 2.02   | -65.130 | 90 4.70   | -2.630  | 140 7.42  | -12.630 | 190 10.20 | -18.880 |
| 41 2.05   | -37.630 | 91 4.80   | 25.880  | 141 7.48  | -8.480  | 191 10.23 | -15.130 |
| 42 2.10   | 24.880  | 92 4.85   | 22.380  | 142 7.50  | -12.430 | 192 10.28 | 5.630   |
| 43 2.18   | 25.250  | 93 4.90   | -0.130  | 143 7.52  | -15.130 | 193 10.30 | 4.880   |
| 44 2.20   | 25.630  | 94 5.00   | -0.130  | 144 7.60  | -0.130  | 194 10.34 | 4.880   |
| 45 2.25   | 2.380   | 95 5.05   | -3.880  | 145 7.62  | 4.880   | 195 10.37 | 12.380  |
| 46 2.30   | 12.380  | 96 5.10   | -0.130  | 146 7.70  | -6.380  | 196 10.40 | 16.130  |
| 47 2.35   | 49.880  | 97 5.15   | 9.880   | 147 7.75  | -17.630 | 197 10.45 | 19.880  |
| 48 2.40   | 34.880  | 98 5.20   | -18.880 | 148 7.80  | -8.880  | 198 10.50 | 19.880  |
| 49 2.48   | -27.630 | 99 5.25   | -8.880  | 149 7.85  | 12.380  | 199 10.60 | 12.380  |
| 50 2.50   | -28.880 | 100 5.30  | -15.130 | 150 7.88  | 9.980   | 200 10.63 | 16.630  |

INDEX NO. 73 104-GR-9 SHINTONEGAMA B. TR MAX.ACCEL.= -65.130(GAL) T= 2.02(SEC) NO. 2

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 201 10.70 | 12.380  | 251 13.60 | 2.380   | 301 16.90 | -3.880  | 351 20.70 | -0.130  |
| 202 10.80 | -3.880  | 252 13.70 | 12.380  | 302 16.95 | -3.880  | 352 20.75 | -4.880  |
| 203 10.85 | -0.130  | 253 13.75 | 31.130  | 303 17.00 | 14.880  | 353 20.80 | -2.880  |
| 204 10.90 | 2.380   | 254 13.80 | 31.130  | 304 17.10 | 14.880  | 354 20.90 | -8.880  |
| 205 10.92 | 8.630   | 255 13.90 | 9.880   | 305 17.20 | 12.380  | 355 21.00 | -7.630  |
| 206 11.00 | 3.630   | 256 14.00 | -6.380  | 306 17.28 | -3.880  | 356 21.10 | -12.630 |
| 207 11.05 | -15.130 | 257 14.10 | -15.130 | 307 17.30 | -3.880  | 357 21.20 | -0.130  |
| 208 11.10 | -12.630 | 258 14.16 | -25.130 | 308 17.36 | -0.130  | 358 21.30 | 2.380   |
| 209 11.20 | -0.130  | 259 14.20 | -26.630 | 309 17.40 | -0.130  | 359 21.40 | 6.630   |
| 210 11.24 | -12.630 | 260 14.28 | -0.130  | 310 17.50 | -2.430  | 360 21.50 | 17.380  |
| 211 11.30 | -12.630 | 261 14.30 | -0.130  | 311 17.60 | -2.630  | 361 21.60 | -2.630  |
| 212 11.35 | -12.630 | 262 14.35 | 2.380   | 312 17.64 | -2.630  | 362 21.66 | -6.380  |
| 213 11.40 | -0.130  | 263 14.40 | 9.880   | 313 17.68 | -2.630  | 363 21.70 | -6.380  |
| 214 11.45 | 6.130   | 264 14.45 | 17.380  | 314 17.75 | -0.130  | 364 21.73 | -1.880  |
| 215 11.50 | -0.130  | 265 14.50 | 16.130  | 315 17.80 | -3.880  | 365 21.80 | -3.880  |
| 216 11.55 | -0.130  | 266 14.55 | 17.380  | 316 17.90 | -6.380  | 366 21.86 | -2.630  |
| 217 11.60 | -0.130  | 267 14.60 | 12.380  | 317 17.95 | 3.630   | 367 21.90 | -5.130  |
| 218 11.62 | 3.630   | 268 14.65 | 18.630  | 318 18.00 | -0.130  | 368 22.00 | -10.130 |
| 219 11.65 | -3.630  | 269 14.70 | 19.880  | 319 18.10 | 7.380   | 369 22.10 | 8.630   |
| 220 11.70 | -2.630  | 270 14.80 | -7.630  | 320 18.16 | 6.130   | 370 22.20 | 12.380  |
| 221 11.75 | -0.130  | 271 14.84 | -18.880 | 321 18.20 | 3.630   | 371 22.30 | 11.130  |
| 222 11.80 | 2.380   | 272 14.90 | -10.130 | 322 18.30 | 12.380  | 372 22.38 | 8.630   |
| 223 11.90 | -3.880  | 273 15.00 | -0.130  | 323 18.40 | 2.380   | 373 22.40 | 10.580  |
| 224 11.96 | -6.130  | 274 15.00 | -5.130  | 324 18.50 | -2.630  | 374 22.50 | 1.130   |
| 225 12.00 | 7.380   | 275 15.10 | -2.630  | 325 18.55 | -0.130  | 375 22.60 | -3.880  |
| 226 12.10 | 4.880   | 276 15.20 | -0.130  | 326 18.60 | -2.630  | 376 22.70 | -2.630  |
| 227 12.18 | 8.630   | 277 15.30 | -0.130  | 327 18.70 | -8.880  | 377 22.80 | -5.130  |
| 228 12.20 | 6.130   | 278 15.35 | -0.130  | 328 18.75 | -6.380  | 378 22.85 | -2.630  |
| 229 12.25 | 1.130   | 279 15.40 | -12.630 | 329 18.80 | 9.980   | 379 22.90 | -7.630  |
| 230 12.30 | -0.130  | 280 15.50 | -0.130  | 330 18.83 | 12.380  | 380 22.94 | -2.630  |
| 231 12.40 | -12.630 | 281 15.60 | 6.130   | 331 18.90 | 12.380  | 381 23.00 | -2.630  |
| 232 12.50 | -0.130  | 282 15.70 | 6.130   | 332 19.00 | 9.980   | 382 23.10 | -11.380 |
| 233 12.55 | -5.130  | 283 15.75 | -0.130  | 333 19.10 | 4.880   | 383 23.20 | 4.880   |
| 234 12.60 | -1.380  | 284 15.80 | 9.880   | 334 19.20 | -10.130 | 384 23.25 | 3.630   |
| 235 12.66 | -0.130  | 285 15.90 | -6.380  | 335 19.30 | -11.380 | 385 23.30 | 6.630   |
| 236 12.70 | -2.630  | 286 16.00 | -25.130 | 336 19.40 | -0.130  | 386 23.40 | 11.130  |
| 237 12.75 | -0.130  | 287 16.06 | -0.130  | 337 19.50 | 3.630   | 387 23.50 | 3.630   |
| 238 12.80 | 7.380   | 288 16.10 | -0.130  | 338 19.60 | 6.130   | 388 23.60 | -0.130  |
| 239 12.85 | 12.380  | 289 16.15 | -2.630  | 339 19.70 | 1.130   | 389 23.70 | -6.380  |
| 240 12.90 | 9.880   | 290 16.20 | -0.130  | 340 19.72 | -1.380  | 390 23.80 | -2.630  |
| 241 13.00 | 9.880   | 291 16.25 | 3.630   | 341 19.80 | 3.630   | 391 23.87 | -0.130  |
| 242 13.10 | 8.630   | 292 16.30 | 6.130   | 342 19.83 | 8.630   | 392 23.90 | -1.380  |
| 243 13.16 | -16.380 | 293 16.40 | 9.880   | 343 19.90 | 1.130   | 393 24.00 | -0.880  |
| 244 13.20 | -12.630 | 294 16.50 | 6.630   | 344 20.00 | 12.380  | 394 24.00 | -8.880  |
| 245 13.25 | -12.630 | 295 16.55 | -0.130  | 345 20.10 | 1.130   | 395 24.10 | -8.880  |
| 246 13.30 | -6.380  | 296 16.60 | -10.130 | 346 20.20 | -12.630 | 396 24.20 | -0.130  |
| 247 13.40 | -16.380 | 297 16.70 | -15.130 | 347 20.30 | -11.380 | 397 24.30 | 4.880   |
| 248 13.43 | -16.380 | 298 16.75 | -16.380 | 348 20.40 | -3.880  | 398 24.40 | 8.630   |
| 249 13.50 | -3.630  | 299 16.80 | -12.630 | 349 20.50 | 16.130  | 399 24.46 | 4.880   |
| 250 13.55 | 6.130   | 300 16.86 | 2.380   | 350 20.60 | 14.880  | 400 24.50 | 8.630   |

INDEX NO. 73 104-GR-9 SHINTONEGAWA B. TR MAX. ACCEL. = -65.130 (GAL) T = 2.02 (SEC) NO. 3

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|--------|
| 401 | 24.60 | -0.130  | 451 | 28.50 | 6.190  |
| 402 | 24.70 | -9.250  | 452 | 28.56 | -1.380 |
| 403 | 24.77 | -11.750 | 453 | 28.60 | -0.100 |
| 404 | 24.80 | -8.000  | 454 | 28.65 | 2.340  |
| 405 | 24.90 | 2.380   | 455 | 28.70 | 1.170  |
| 406 | 25.00 | 9.880   | 456 | 28.76 | 0.500  |
| 407 | 25.10 | 3.630   | 457 | 28.80 | 1.170  |
| 408 | 25.20 | -0.130  | 458 | 28.87 | 3.630  |
| 409 | 25.30 | 8.630   | 459 | 28.90 | 2.390  |
| 410 | 25.40 | -0.130  | 460 | 29.00 | -0.130 |
|     |       |         |     |       |        |
| 411 | 25.50 | 6.130   | 461 | 29.03 | -1.380 |
| 412 | 25.60 | -0.130  | 462 | 29.10 | 2.380  |
| 413 | 25.64 | 2.380   | 463 | 29.15 | 4.880  |
| 414 | 25.70 | 1.130   | 464 | 29.20 | -0.130 |
| 415 | 25.80 | -2.630  | 465 | 29.25 | -2.630 |
| 416 | 25.90 | -0.130  | 466 | 29.30 | -0.130 |
| 417 | 26.00 | 24.000  | 467 | 29.32 | 1.130  |
| 418 | 26.10 | -0.130  | 468 | 29.40 | -1.380 |
| 419 | 26.16 | 2.380   | 469 | 29.50 | -6.380 |
| 420 | 26.20 | -1.380  | 470 | 29.60 | 1.130  |
|     |       |         |     |       |        |
| 421 | 26.30 | -12.630 | 471 | 29.70 | -0.130 |
| 422 | 26.33 | -13.880 | 472 | 29.80 | 7.380  |
| 423 | 26.40 | -8.880  | 473 | 29.90 | 2.380  |
| 424 | 26.50 | -0.130  | 474 | 30.00 | -0.130 |
| 425 | 26.60 | 3.630   |     |       |        |
| 426 | 26.70 | 7.380   |     |       |        |
| 427 | 26.75 | 8.000   |     |       |        |
| 428 | 26.80 | -1.380  |     |       |        |
| 429 | 26.90 | -6.380  |     |       |        |
| 430 | 26.96 | -7.630  |     |       |        |
|     |       |         |     |       |        |
| 431 | 27.00 | -2.630  |     |       |        |
| 432 | 27.10 | 1.130   |     |       |        |
| 433 | 27.17 | 12.380  |     |       |        |
| 434 | 27.20 | 11.130  |     |       |        |
| 435 | 27.23 | 12.380  |     |       |        |
| 436 | 27.30 | 9.880   |     |       |        |
| 437 | 27.40 | 8.630   |     |       |        |
| 438 | 27.50 | -0.130  |     |       |        |
| 439 | 27.60 | 1.130   |     |       |        |
| 440 | 27.70 | -0.510  |     |       |        |
|     |       |         |     |       |        |
| 441 | 27.80 | -0.130  |     |       |        |
| 442 | 27.90 | -3.880  |     |       |        |
| 443 | 27.95 | -2.380  |     |       |        |
| 444 | 28.00 | -3.880  |     |       |        |
| 445 | 28.03 | -2.630  |     |       |        |
| 446 | 28.10 | -3.880  |     |       |        |
| 447 | 28.14 | -2.630  |     |       |        |
| 448 | 28.20 | -2.630  |     |       |        |
| 449 | 28.30 | 2.380   |     |       |        |
| 450 | 28.40 | 7.380   |     |       |        |

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INDEX NO. 74 104-GR-9 SHINTONEGAWA B. LG MAX. ACCEL. = 82.147 (GAL) T=64.01 (SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) |
|-----|-------|---------|-----|-------|
| 1   | 0     | 10,630  | 51  | 3,20  |
| 2   | 0.04  | -4,380  | 52  | 3,30  |
| 3   | 0.10  | -1,880  | 53  | 3,36  |
| 4   | 0.20  | 5,630   | 54  | 3,40  |
| 5   | 0.30  | -5,630  | 55  | 3,42  |
| 6   | 0.33  | 0,630   | 56  | 3,48  |
| 7   | 0.40  | 4,380   | 57  | 3,50  |
| 8   | 0.42  | 9,280   | 58  | 3,52  |
| 9   | 0.45  | 3,130   | 59  | 3,57  |
| 10  | 0.50  | 9,280   | 60  | 3,60  |
| 11  | 0.56  | -8,130  | 61  | 3,70  |
| 12  | 0.60  | -4,380  | 62  | 3,80  |
| 13  | 0.64  | 3,130   | 63  | 3,90  |
| 14  | 0.68  | -0,630  | 64  | 4,00  |
| 15  | 0.70  | 1,880   | 65  | 4,02  |
| 16  | 0.75  | -6,880  | 66  | 4,10  |
| 17  | 0.80  | -15,630 | 67  | 4,14  |
| 18  | 0.82  | -15,630 | 68  | 4,20  |
| 19  | 0.90  | 0,630   | 69  | 4,25  |
| 20  | 0.93  | -5,630  | 70  | 4,30  |
| 21  | 1.00  | -0,630  | 71  | 4,33  |
| 22  | 1.05  | -14,880 | 72  | 4,40  |
| 23  | 1.10  | -11,880 | 73  | 4,50  |
| 24  | 1.15  | 0,630   | 74  | 4,60  |
| 25  | 1.20  | -53,130 | 75  | 4,70  |
| 26  | 1.30  | 4,380   | 76  | 4,77  |
| 27  | 1.40  | 65,630  | 77  | 4,80  |
| 28  | 1.48  | 11,880  | 78  | 4,85  |
| 29  | 1.50  | 24,380  | 79  | 4,90  |
| 30  | 1.60  | 81,880  | 80  | 5,00  |
| 31  | 1.70  | -0,630  | 81  | 5,10  |
| 32  | 1.80  | 5,630   | 82  | 5,20  |
| 33  | 1.90  | -58,130 | 83  | 5,30  |
| 34  | 2.00  | 3,130   | 84  | 5,37  |
| 35  | 2.10  | -66,130 | 85  | 5,40  |
| 36  | 2.20  | 1,880   | 86  | 5,43  |
| 37  | 2.26  | 24,380  | 87  | 5,50  |
| 38  | 2.30  | -10,630 | 88  | 5,60  |
| 39  | 2.32  | -10,630 | 89  | 5,70  |
| 40  | 2.40  | 16,880  | 90  | 5,80  |
| 41  | 2.50  | 18,130  | 91  | 5,90  |
| 42  | 2.60  | 14,380  | 92  | 5,98  |
| 43  | 2.70  | 11,880  | 93  | 6,00  |
| 44  | 2.70  | 18,130  | 94  | 6,03  |
| 45  | 2.80  | 0,630   | 95  | 6,10  |
| 46  | 2.83  | 1,880   | 96  | 6,15  |
| 47  | 2.90  | -19,380 | 97  | 6,20  |
| 48  | 3.00  | -6,130  | 98  | 6,28  |
| 49  | 3.10  | -9,180  | 99  | 6,30  |
| 50  | 3.14  | 1,880   | 100 | 6,37  |

| (GAL)   | No. | (SEC) | (GAL)   | No. |
|---------|-----|-------|---------|-----|
| -15,680 | 101 | 6,440 | -5,130  | 153 |
| 11,880  | 102 | 6,446 | -5,130  | 152 |
| 3,130   | 103 | 6,450 | -4,380  | 151 |
| 5,630   | 104 | 6,53  | 8,130   | 154 |
| 8,130   | 105 | 6,60  | 6,880   | 155 |
| 4,380   | 106 | 6,70  | 28,130  | 156 |
| 8,130   | 107 | 6,60  | -9,360  | 157 |
| 14,380  | 108 | 6,68  | 8,68    | 158 |
| -16,880 | 109 | 6,90  | -9,380  | 159 |
| -15,630 | 110 | 6,97  | -29,380 | 160 |
|         |     |       |         |     |
| 16,880  | 111 | 7,00  | -26,880 | 161 |
| -24,380 | 112 | 7,10  | 26,430  | 162 |
| -5,630  | 113 | 7,20  | -1,250  | 163 |
| 18,130  | 114 | 7,21  | -1,860  | 164 |
| 19,380  | 115 | 7,30  | 21,880  | 165 |
| 16,880  | 116 | 7,32  | 29,380  | 166 |
| 18,130  | 117 | 7,40  | -20,430 | 167 |
| 11,880  | 118 | 7,50  | -5,630  | 168 |
| -9,380  | 119 | 7,53  | 3,130   | 169 |
| -4,380  | 120 | 7,60  | -15,630 | 170 |
|         |     |       |         |     |
| -1,860  | 121 | 7,63  | -21,880 | 171 |
| -8,130  | 122 | 7,70  | -13,880 | 172 |
| -30,630 | 123 | 7,80  | 1,880   | 173 |
| -11,880 | 124 | 7,87  | -1,880  | 174 |
| 16,880  | 125 | 7,90  | 4,380   | 175 |
| 8,130   | 126 | 8,00  | 15,630  | 176 |
| 15,630  | 127 | 8,02  | 18,130  | 177 |
| 16,880  | 128 | 8,10  | 18,130  | 178 |
| 28,130  | 129 | 8,20  | -30,430 | 179 |
| 14,380  | 130 | 8,30  | 13,130  | 180 |
|         |     |       |         |     |
| -18,130 | 131 | 8,40  | -0,630  | 181 |
| 4,380   | 132 | 8,44  | -5,130  | 182 |
| -18,130 | 133 | 8,50  | 16,880  | 183 |
| -19,380 | 134 | 8,60  | -4,380  | 184 |
| -14,380 | 135 | 8,62  | 1,880   | 185 |
| -21,880 | 136 | 8,70  | -15,630 | 186 |
| -11,880 | 137 | 8,80  | -55,630 | 187 |
| 0,630   | 138 | 8,90  | -26,430 | 188 |
| 6,880   | 139 | 9,00  | 15,630  | 189 |
| 4,380   | 140 | 9,05  | 13,130  | 190 |
|         |     |       |         |     |
| 16,880  | 141 | 9,10  | 18,130  | 191 |
| -6,880  | 142 | 9,20  | 49,380  | 192 |
| -5,630  | 143 | 9,23  | 55,630  | 193 |
| 13,130  | 144 | 9,30  | 38,130  | 194 |
| 10,630  | 145 | 9,40  | -10,630 | 195 |
| -16,880 | 146 | 9,50  | -34,380 | 196 |
| -14,380 | 147 | 9,60  | -20,430 | 197 |
| -20,630 | 148 | 9,65  | -20,000 | 198 |
| -18,130 | 149 | 9,70  | -21,880 | 199 |
| 1,880   | 150 | 9,80  | -18,130 | 200 |

| (SEC) | (GAL)   |
|-------|---------|
| 9.3C  | -6.130  |
| 10.00 | 3.130   |
| 10.05 | 29.380  |
| 10.10 | 30.630  |
| 10.20 | 40.630  |
| 10.30 | 25.630  |
| 10.40 | -16.630 |
| 10.50 | -29.380 |
| 10.60 | -33.130 |
| 10.70 | -24.380 |
| 10.80 | 4.680   |
| 11.00 | 18.130  |
| 11.05 | 28.130  |
| 11.10 | 29.630  |
| 11.20 | -5.630  |
| 11.30 | -20.630 |
| 11.40 | -23.130 |
| 11.50 | -29.180 |
| 11.60 | -20.630 |
| 11.70 | 0.630   |
| 11.80 | 6.880   |
| 11.90 | 14.130  |
| 12.00 | 33.130  |
| 12.10 | 5.630   |
| 12.20 | -15.630 |
| 12.30 | -18.130 |
| 12.40 | -6.880  |
| 12.50 | -4.380  |
| 12.60 | -5.630  |
| 12.70 | -5.630  |
| 12.80 | 1.680   |
| 12.90 | -4.380  |
| 13.00 | -6.880  |
| 13.10 | 0.630   |
| 13.20 | 4.380   |
| 13.30 | 6.880   |
| 13.40 | 0.630   |
| 13.50 | -4.380  |
| 13.60 | 0.630   |
| 13.70 | 4.380   |
| 13.80 | 6.880   |
| 13.90 | -5.630  |
| 14.00 | -8.130  |
| 14.10 | 4.380   |
| 14.20 | 4.380   |
| 14.30 | 4.380   |
| 14.40 | 0.630   |
| 14.50 | 4.380   |
| 14.60 | 6.880   |
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| 14.80 | 6.880   |
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| 19.80 | 4.380   |
| 19.90 | 4.380   |
| 20.00 | 4.380   |

| INDEX NO. | 74    | 104-GR-9 | SHINTONEGAWA B. LG | MAX.ACCEL.= | 82.147(GAL) | T=64.01(SEC) | No. 2 |         |
|-----------|-------|----------|--------------------|-------------|-------------|--------------|-------|---------|
| NO.       | (SEC) | (GAL)    | NO.                | (SEC)       | (GAL)       | NO.          | (SEC) | (GAL)   |
| 201       | 64.27 | 2.147    | 251                | 17.10       | -4.380      | 301          | 20.77 | -8.130  |
| 202       | 64.25 | 0.000    | 252                | 17.20       | 3.130       | 302          | 20.80 | -6.880  |
| 203       | 64.17 | 0.000    | 253                | 17.30       | 6.880       | 303          | 20.90 | 4.380   |
| 204       | 64.07 | 0.000    | 254                | 17.40       | 4.380       | 304          | 21.00 | 3.130   |
| 205       | 64.01 | 82.147   | 255                | 17.50       | 1.880       | 305          | 21.10 | 3.130   |
| 206       | 13.80 | -9.380   | 256                | 17.60       | 1.880       | 306          | 21.20 | -4.380  |
| 207       | 13.90 | -8.130   | 257                | 17.70       | 1.880       | 307          | 21.23 | -6.880  |
| 208       | 14.00 | -20.630  | 258                | 17.76       | 1.250       | 308          | 21.30 | 3.130   |
| 209       | 14.10 | 5.630    | 259                | 17.80       | 3.130       | 309          | 21.40 | 3.130   |
| 210       | 14.18 | 20.630   | 260                | 17.90       | 14.380      | 310          | 21.50 | 3.130   |
| 211       | 14.20 | 16.880   | 261                | 18.00       | 4.380       | 311          | 21.60 | 3.130   |
| 212       | 14.30 | 6.880    | 262                | 18.06       | 3.130       | 312          | 21.70 | -10.430 |
| 213       | 14.38 | 12.130   | 263                | 18.10       | 5.630       | 313          | 21.72 | -14.380 |
| 214       | 14.40 | 11.880   | 264                | 18.18       | 1.880       | 314          | 21.80 | -8.130  |
| 215       | 14.50 | -8.130   | 265                | 18.20       | 3.130       | 315          | 21.90 | 3.130   |
| 216       | 14.55 | -4.380   | 266                | 18.23       | 5.630       | 316          | 22.00 | 4.380   |
| 217       | 14.60 | -5.630   | 267                | 18.30       | 3.130       | 317          | 22.10 | 6.880   |
| 218       | 14.70 | 3.130    | 268                | 18.40       | -5.630      | 318          | 22.20 | 9.380   |
| 219       | 14.80 | 5.630    | 269                | 18.50       | 1.880       | 319          | 22.26 | 10.430  |
| 220       | 14.87 | 13.130   | 270                | 18.55       | 6.880       | 320          | 22.30 | 6.880   |
| 221       | 14.90 | 8.130    | 271                | 18.60       | 3.130       | 321          | 22.40 | -6.880  |
| 222       | 15.00 | -1.880   | 272                | 18.70       | -5.630      | 322          | 22.50 | -9.380  |
| 223       | 15.10 | 4.380    | 273                | 18.73       | -1.880      | 323          | 22.52 | -11.880 |
| 224       | 15.20 | 11.880   | 274                | 18.80       | -5.630      | 324          | 22.60 | -5.630  |
| 225       | 15.22 | 14.880   | 275                | 18.90       | -4.380      | 325          | 22.70 | 3.750   |
| 226       | 15.30 | 5.630    | 276                | 19.00       | 4.380       | 326          | 22.80 | 6.880   |
| 227       | 15.40 | 6.880    | 277                | 19.08       | 14.380      | 327          | 22.90 | 9.380   |
| 228       | 15.50 | -15.630  | 278                | 19.10       | 11.880      | 328          | 22.96 | 8.130   |
| 229       | 15.53 | -18.130  | 279                | 19.16       | 8.130       | 329          | 23.00 | 9.380   |
| 230       | 15.60 | -9.380   | 280                | 19.20       | 9.380       | 330          | 23.06 | 10.630  |
| 231       | 15.70 | 4.380    | 281                | 19.30       | 0.630       | 331          | 23.10 | 5.630   |
| 232       | 15.80 | 15.630   | 282                | 19.40       | -6.880      | 332          | 23.20 | -11.880 |
| 233       | 15.90 | 11.880   | 283                | 19.50       | -21.880     | 333          | 23.23 | -14.380 |
| 234       | 16.00 | 20.630   | 284                | 19.60       | -9.380      | 334          | 23.30 | -10.430 |
| 235       | 16.10 | 3.130    | 285                | 19.70       | 6.880       | 335          | 23.40 | 3.130   |
| 236       | 16.18 | -5.630   | 286                | 19.80       | 3.130       | 336          | 23.50 | 1.880   |
| 237       | 16.20 | -4.380   | 287                | 19.90       | 5.630       | 337          | 23.60 | 6.880   |
| 238       | 16.25 | -0.630   | 288                | 20.00       | -8.130      | 338          | 23.70 | -5.630  |
| 239       | 16.30 | -15.630  | 289                | 20.02       | -9.380      | 339          | 23.80 | -6.880  |
| 240       | 16.34 | -19.380  | 290                | 20.10       | -4.380      | 340          | 23.90 | -9.380  |
| 241       | 16.40 | -8.130   | 291                | 20.13       | 1.880       | 341          | 24.00 | -8.130  |
| 242       | 16.48 | 10.630   | 292                | 20.20       | -4.380      | 342          | 24.10 | 4.380   |
| 243       | 16.50 | 4.380    | 293                | 20.30       | -5.630      | 343          | 24.20 | 5.630   |
| 244       | 16.60 | -9.380   | 294                | 20.32       | -6.880      | 344          | 24.30 | -4.380  |
| 245       | 16.70 | -1.880   | 295                | 20.40       | 3.130       | 345          | 24.40 | -3.130  |
| 246       | 16.78 | 0.630    | 296                | 20.50       | -8.130      | 346          | 24.50 | 4.380   |
| 247       | 16.80 | -5.630   | 297                | 20.54       | -9.380      | 347          | 24.60 | 1.880   |
| 248       | 16.86 | -9.380   | 298                | 20.60       | 0.630       | 348          | 24.67 | -9.380  |
| 249       | 16.90 | -6.880   | 299                | 20.63       | 4.380       | 349          | 24.70 | -6.880  |
| 250       | 17.00 | -4.380   | 300                | 20.70       | -5.630      | 350          | 24.80 | 1.880   |
| 351       | 25.80 | 3.130    | 351                | 25.80       | 3.130       | 351          | 25.80 | 3.130   |
| 352       | 25.90 | 5.630    | 352                | 25.90       | 5.630       | 352          | 25.90 | 5.630   |
| 353       | 25.00 | -5.630   | 353                | 25.00       | -5.630      | 353          | 25.00 | -5.630  |
| 354       | 25.10 | 4.380    | 354                | 25.10       | 4.380       | 354          | 25.10 | 4.380   |
| 355       | 25.20 | 13.130   | 355                | 25.20       | 13.130      | 355          | 25.20 | 13.130  |
| 356       | 25.30 | 5.630    | 356                | 25.30       | 5.630       | 356          | 25.30 | 5.630   |
| 357       | 25.40 | 3.130    | 357                | 25.40       | 3.130       | 357          | 25.40 | 3.130   |
| 358       | 25.50 | -1.880   | 358                | 25.50       | -1.880      | 358          | 25.50 | -1.880  |
| 359       | 25.63 | -13.130  | 359                | 25.63       | -13.130     | 359          | 25.63 | -13.130 |
| 360       | 25.70 | -8.130   | 360                | 25.70       | -8.130      | 360          | 25.70 | -8.130  |
| 361       | 25.80 | 3.130    | 361                | 25.80       | 3.130       | 361          | 25.80 | 3.130   |
| 362       | 25.90 | 5.630    | 362                | 25.90       | 5.630       | 362          | 25.90 | 5.630   |
| 363       | 26.00 | 4.380    | 363                | 26.00       | 4.380       | 363          | 26.00 | 4.380   |
| 364       | 26.10 | 0.630    | 364                | 26.10       | 0.630       | 364          | 26.10 | 0.630   |
| 365       | 26.20 | -5.630   | 365                | 26.20       | -5.630      | 365          | 26.20 | -5.630  |
| 366       | 26.30 | -8.130   | 366                | 26.30       | -8.130      | 366          | 26.30 | -8.130  |
| 367       | 26.40 | -9.380   | 367                | 26.40       | -9.380      | 367          | 26.40 | -9.380  |
| 368       | 26.50 | -9.380   | 368                | 26.50       | -9.380      | 368          | 26.50 | -9.380  |
| 369       | 26.54 | -11.880  | 369                | 26.54       | -11.880     | 369          | 26.54 | -11.880 |
| 370       | 26.60 | -9.380   | 370                | 26.60       | -9.380      | 370          | 26.60 | -9.380  |
| 371       | 26.70 | -5.630   | 371                | 26.70       | -5.630      | 371          | 26.70 | -5.630  |
| 372       | 26.80 | -8.130   | 372                | 26.80       | -8.130      | 372          | 26.80 | -8.130  |
| 373       | 26.90 | -5.630   | 373                | 26.90       | -5.630      | 373          | 26.90 | -5.630  |
| 374       | 27.00 | -8.130   | 374                | 27.00       | -8.130      | 374          | 27.00 | -8.130  |
| 375       | 27.10 | 4.380    | 375                | 27.10       | 4.380       | 375          | 27.10 | 4.380   |
| 376       | 27.20 | 5.630    | 376                | 27.20       | 5.630       | 376          | 27.20 | 5.630   |
| 377       | 27.30 | -11.880  | 377                | 27.30       | -11.880     | 377          | 27.30 | -11.880 |
| 378       | 27.40 | -5.630   | 378                | 27.40       | -5.630      | 378          | 27.40 | -5.630  |
| 379       | 27.45 | -6.880   | 379                | 27.45       | -6.880      | 379          | 27.45 | -6.880  |
| 380       | 27.50 | -4.380   | 380                | 27.50       | -4.380      | 380          | 27.50 | -4.380  |
| 381       | 27.60 | 4.380    | 381                | 27.60       | 4.380       | 381          | 27.60 | 4.380   |
| 382       | 27.70 | 5.630    | 382                | 27.70       | 5.630       | 382          | 27.70 | 5.630   |
| 383       | 27.80 | 4.380    | 383                | 27.80       | 4.380       | 383          | 27.80 | 4.380   |
| 384       | 27.90 | 5.630    | 384                | 27.90       | 5.630       | 384          | 27.90 | 5.630   |
| 385       | 28.00 | 5.630    | 385                | 28.00       | 5.630       | 385          | 28.00 | 5.630   |
| 386       | 28.10 | -6.880   | 386                | 28.10       | -6.880      | 386          | 28.10 | -6.880  |
| 387       | 28.14 | -5.630   | 387                | 28.14       | -5.630      | 387          | 28.14 | -5.630  |
| 388       | 28.20 | -6.880   | 388                | 28.20       | -6.880      | 388          | 28.20 | -6.880  |
| 389       | 28.30 | -6.880   | 389                | 28.30       | -6.880      | 389          | 28.30 | -6.880  |
| 390       | 28.40 | -8.130   | 390                | 28.40       | -8.130      | 390          | 28.40 | -8.130  |
| 391       | 28.50 | 3.130    | 391                | 28.50       | 3.130       | 391          | 28.50 | 3.130   |
| 392       | 28.60 | 5.630    | 392                | 28.60       | 5.630       | 392          | 28.60 | 5.630   |
| 393       | 28.64 | 8.130    | 393                | 28.64       | 8.130       | 393          | 28.64 | 8.130   |
| 394       | 28.70 | 5.630    | 394                | 28.70       | 5.630       | 394          | 28.70 | 5.630   |
| 395       | 28.80 | 3.130    | 395                | 28.80       | 3.130       | 395          | 28.80 | 3.130   |
| 396       | 28.90 | -0.630   | 396                | 28.90       | -0.630      | 396          | 28.90 | -0.630  |
| 397       | 28.98 | -8.880   | 397                | 28.98       | -8.880      | 397          | 28.98 | -8.880  |
| 398       | 29.00 | -5.630   | 398                | 29.00       | -5.630      | 398          | 29.00 | -5.630  |
| 399       | 29.02 | -4.380   | 399                | 29.02       | -4.380      | 399          | 29.02 | -4.380  |
| 400       | 29.10 | -8.130   | 400                | 29.10       | -8.130      | 400          | 29.10 | -8.130  |

| INDEX NO. | 74    | 104-GR-9 | SHINTONEGAWA B. LG | MAX.ACCEL.= | 82.147(GAL) | T=64.01(SEC) | No. 3 |
|-----------|-------|----------|--------------------|-------------|-------------|--------------|-------|
| NO.       | (SEC) | (GAL)    |                    |             |             |              |       |
| 401       | 29.20 | -6.880   |                    |             |             |              |       |
| 402       | 29.30 | -8.130   |                    |             |             |              |       |
| 403       | 29.40 | -0.630   |                    |             |             |              |       |
| 404       | 29.42 | 0.630    |                    |             |             |              |       |
| 405       | 29.50 | -0.630   |                    |             |             |              |       |
| 406       | 29.60 | 5.630    |                    |             |             |              |       |
| 407       | 29.70 | 4.380    |                    |             |             |              |       |
| 408       | 29.80 | 3.130    |                    |             |             |              |       |
| 409       | 29.90 | 1.880    |                    |             |             |              |       |
| 410       | 30.00 | 3.130    |                    |             |             |              |       |

INDEX NO. 76 CASTAIC SAN FERNANDO N694 MAX.ACCEL.= 309,680(GAL) T= 1.40(SEC) NO. 1

| NO. (SEC) | (GAL)    | NO. (SEC) | (GAL)    | NO. (SEC) | (GAL)    | NO. (SEC) | (GAL)    |
|-----------|----------|-----------|----------|-----------|----------|-----------|----------|
| 1 0.      | -30,720  | 51 3.14   | -65,337  | 101 6.48  | 101,978  | 151 10.58 | -30,720  |
| 2 0.19    | 61,592   | 52 3.22   | 182,751  | 102 6.67  | -140,340 | 152 10.65 | 44,283   |
| 3 0.31    | -65,337  | 53 3.26   | 159,673  | 103 6.72  | -1,873   | 153 10.73 | 38,514   |
| 4 0.50    | 32,744   | 54 3.32   | -151,879 | 104 6.76  | -13,412  | 154 10.77 | 21,205   |
| 5 0.54    | 32,744   | 55 3.38   | -65,337  | 105 6.80  | 64,670   | 155 10.81 | 32,744   |
| 6 0.59    | -53,798  | 56 3.44   | -76,876  | 106 7.00  | -111,493 | 156 10.83 | 21,205   |
| 7 0.61    | 9,666    | 57 3.50   | -174,957 | 107 7.19  | 107,748  | 157 10.85 | 32,744   |
| 8 0.67    | -24,951  | 58 3.59   | 90,439   | 108 7.26  | 78,900   | 158 10.94 | -53,798  |
| 9 0.72    | 26,975   | 59 3.63   | 107,748  | 109 7.33  | 32,744   | 159 11.02 | 3,897    |
| 10 0.76   | -19,181  | 60 3.74   | -24,951  | 110 7.46  | -111,493 | 160 11.06 | -36,490  |
| 11 0.80   | 38,514   | 61 3.80   | 55,822   | 111 7.56  | 55,822   | 161 11.10 | 21,205   |
| 12 0.85   | -7,642   | 62 3.85   | -7,642   | 112 7.65  | -71,106  | 162 11.15 | 3,897    |
| 13 0.89   | 15,436   | 63 3.91   | -71,106  | 113 7.71  | 26,975   | 163 11.23 | 61,592   |
| 14 0.93   | -19,181  | 64 3.98   | 3,897    | 114 7.81  | -44,283  | 164 11.46 | -53,798  |
| 15 0.98   | 3,897    | 65 4.06   | -105,723 | 115 7.85  | -24,951  | 165 11.52 | -13,412  |
| 16 1.03   | -30,720  | 66 4.10   | -30,720  | 116 7.94  | -48,029  | 166 11.64 | -53,798  |
| 17 1.10   | 32,744   | 67 4.16   | -24,951  | 117 8.04  | 9,666    | 167 11.70 | -7,642   |
| 18 1.13   | 9,666    | 68 4.18   | -36,490  | 118 8.09  | -7,642   | 168 11.77 | -19,181  |
| 19 1.23   | 38,514   | 69 4.22   | 32,744   | 119 8.13  | 55,822   | 169 11.84 | -13,412  |
| 20 1.27   | -59,567  | 70 4.28   | -7,642   | 120 8.22  | 38,514   | 170 11.89 | 32,744   |
| 21 1.40   | 309,680  | 71 4.38   | 188,521  | 121 8.26  | -48,028  | 171 11.98 | 78,900   |
| 22 1.47   | 142,365  | 72 4.48   | -88,415  | 122 8.35  | -30,720  | 172 12.22 | -117,262 |
| 23 1.52   | 188,521  | 73 4.52   | -71,106  | 123 8.43  | -59,567  | 173 12.30 | -19,181  |
| 24 1.59   | -76,876  | 74 4.57   | -94,184  | 124 8.52  | 50,053   | 174 12.37 | -24,951  |
| 25 1.67   | -215,344 | 75 4.66   | -47,361  | 125 8.59  | 15,436   | 175 12.48 | 136,593  |
| 26 1.72   | -76,876  | 76 4.75   | -128,801 | 126 8.74  | 107,748  | 176 12.65 | -88,415  |
| 27 1.76   | -221,113 | 77 4.84   | 182,751  | 127 8.80  | -7,642   | 177 12.70 | -71,106  |
| 28 1.83   | -13,422  | 78 4.95   | -7,642   | 128 8.85  | 3,897    | 178 12.74 | -94,184  |
| 29 1.89   | 55,822   | 79 5.00   | 73,131   | 129 8.96  | -111,493 | 179 12.91 | 90,439   |
| 30 1.91   | 9,666    | 80 5.02   | -30,720  | 130 9.06  | -71,106  | 180 13.09 | -105,723 |
| 31 1.93   | 38,514   | 81 5.06   | -88,415  | 131 9.15  | 38,514   | 181 13.20 | 9,666    |
| 32 1.98   | -71,106  | 82 5.15   | -94,184  | 132 9.27  | 90,439   | 182 13.37 | 125,056  |
| 33 2.00   | -24,951  | 83 5.26   | 3,897    | 133 9.40  | -30,720  | 183 13.48 | 67,361   |
| 34 2.07   | -65,337  | 84 5.33   | -48,028  | 134 9.44  | 26,975   | 184 13.56 | -59,567  |
| 35 2.15   | 61,592   | 85 5.46   | 55,822   | 135 9.52  | -48,028  | 185 13.62 | -48,028  |
| 36 2.20   | 292,372  | 86 5.50   | 3,897    | 136 9.57  | 21,205   | 186 13.71 | -99,953  |
| 37 2.28   | 44,283   | 87 5.52   | 32,744   | 137 9.64  | -7,642   | 187 13.79 | 15,436   |
| 38 2.30   | 107,748  | 88 5.54   | 15,436   | 138 9.70  | 21,205   | 188 13.90 | -24,951  |
| 39 2.37   | -53,798  | 89 5.61   | 78,900   | 139 9.75  | -13,412  | 189 14.00 | -71,106  |
| 40 2.41   | 55,822   | 90 5.70   | 107,748  | 140 9.80  | -7,642   | 190 14.13 | 21,205   |
| 41 2.50   | -157,649 | 91 5.76   | -59,567  | 141 9.84  | -36,490  | 191 14.24 | 32,744   |
| 42 2.54   | 61,592   | 92 5.83   | -24,951  | 142 9.89  | -7,642   | 192 14.33 | 90,439   |
| 43 2.59   | -105,723 | 93 5.87   | -76,876  | 143 9.98  | -65,337  | 193 14.37 | 21,205   |
| 44 2.65   | 130,826  | 94 5.93   | -53,798  | 144 10.02 | -24,951  | 194 14.43 | 44,183   |
| 45 2.76   | -99,954  | 95 6.00   | 26,975   | 145 10.14 | -1,873   | 195 14.46 | 21,205   |
| 46 2.87   | 44,283   | 96 6.04   | 50,043   | 146 10.18 | 9,666    | 196 14.50 | 50,053   |
| 47 2.96   | -163,418 | 97 6.15   | -65,337  | 147 10.24 | 32,744   | 197 14.64 | -65,337  |
| 48 3.00   | 234,677  | 98 6.23   | 9,666    | 148 10.30 | 67,361   | 198 14.70 | -7,642   |
| 49 3.06   | -88,415  | 99 6.29   | -105,723 | 149 10.48 | -76,876  | 199 14.78 | 3,897    |
| 50 3.10   | 9,666    | 100 6.39  | 101,978  | 150 10.54 | -24,951  | 200 14.84 | -30,720  |

INDEX NO. 76 CASTAIC SAN FERNANDO N694 MAX.ACCEL.= 309,680(GAL) T= 1.40(SEC) NO. 2

| NO. (SEC) | (GAL)   |
|-----------|---------|
| 201 14.88 | -13,412 |
| 202 14.94 | -24,951 |
| 203 15.00 | -48,028 |
| 204 15.16 | 96,209  |
| 205 15.23 | 125,056 |
| 206 15.39 | -65,337 |
| 207 15.48 | -71,106 |
| 208 15.61 | 67,361  |
| 209 15.70 | 38,514  |
| 210 15.80 | -24,951 |
| 211 15.84 | -13,412 |
| 212 15.91 | -59,567 |
| 213 16.00 | -71,106 |
| 214 16.06 | 55,822  |
| 215 16.10 | 26,975  |
| 216 16.14 | 44,283  |
| 217 16.20 | 15,436  |
| 218 16.26 | 55,822  |
| 219 16.36 | -65,337 |
| 220 16.40 | -24,951 |
| 221 16.46 | -36,490 |
| 222 16.52 | 21,205  |
| 223 16.67 | 67,361  |
| 224 16.76 | -48,028 |
| 225 16.83 | -13,412 |
| 226 16.91 | 9,666   |
| 227 16.98 | -13,412 |
| 228 17.07 | 44,283  |

| INDEX NO. | 77    | CASTAIC  | SAN FERNANDO | N21E  | MAX.ACCEL.= 380.240(GAL) | T= 2.91(SEC) | NO.   | 1       |
|-----------|-------|----------|--------------|-------|--------------------------|--------------|-------|---------|
| NO.       | (SEC) | (GAL)    | NO.          | (SEC) | (GAL)                    | NO.          | (SEC) | (GAL)   |
| 1         | 0.    | -41,921  | 51           | 3.78  | -41,921                  | 101          | 7.04  | -53,487 |
| 2         | 0.21  | 39,041   | 52           | 3.80  | -41,921                  | 102          | 7.09  | 15,909  |
| 3         | 0.43  | 4,343    | 53           | 3.87  | 33,258                   | 103          | 7.15  | -24,572 |
| 4         | 0.59  | -30,355  | 54           | 3.93  | -88,185                  | 104          | 7.24  | 79,523  |
| 5         | 0.58  | 39,041   | 55           | 3.98  | -53,487                  | 105          | 7.33  | -47,704 |
| 6         | 0.67  | -41,921  | 56           | 4.04  | 50,607                   | 106          | 7.39  | -13,006 |
| 7         | 0.77  | 15,909   | 57           | 4.10  | -53,487                  | 107          | 7.46  | 21,692  |
| 8         | 0.81  | -18,789  | 58           | 4.17  | -105,534                 | 108          | 7.50  | 10,126  |
| 9         | 0.87  | 27,475   | 59           | 4.21  | -13,006                  | 109          | 7.54  | -70,836 |
| 10        | 0.92  | -18,789  | 60           | 4.25  | -47,704                  | 110          | 7.60  | 15,909  |
| 11        | 0.96  | 50,607   | 61           | 4.33  | 120,004                  | 111          | 7.65  | 10,126  |
| 12        | 0.98  | -47,704  | 62           | 4.44  | -93,968                  | 112          | 7.69  | 39,041  |
| 13        | 1.14  | -7,223   | 63           | 4.55  | 241,447                  | 113          | 7.77  | -47,704 |
| 14        | 1.18  | 79,523   | 64           | 4.64  | -197,581                 | 114          | 7.81  | -18,789 |
| 15        | 1.25  | -18,789  | 65           | 4.70  | 33,258                   | 115          | 7.85  | -36,138 |
| 16        | 1.35  | 137,353  | 66           | 4.77  | -99,751                  | 116          | 7.92  | 27,475  |
| 17        | 1.43  | 10,126   | 67           | 4.84  | 50,607                   | 117          | 7.98  | -41,921 |
| 18        | 1.50  | 108,438  | 68           | 4.95  | -93,968                  | 118          | 8.04  | 91,089  |
| 19        | 1.54  | 4,343    | 69           | 5.02  | 56,391                   | 119          | 8.13  | -36,138 |
| 20        | 1.62  | 120,004  | 70           | 5.10  | -47,704                  | 120          | 8.22  | -7,223  |
| 21        | 1.69  | -186,497 | 71           | 5.17  | 73,704                   | 121          | 8.30  | -99,751 |
| 22        | 1.79  | -128,666 | 72           | 5.23  | -117,100                 | 122          | 8.43  | 39,041  |
| 23        | 1.90  | 183,617  | 73           | 5.31  | 102,655                  | 123          | 8.50  | 33,258  |
| 24        | 1.94  | -7,223   | 74           | 5.44  | -70,836                  | 124          | 8.59  | -24,572 |
| 25        | 1.98  | 102,655  | 75           | 5.50  | 33,258                   | 125          | 8.67  | 15,909  |
| 26        | 2.11  | -157,581 | 76           | 5.54  | -18,789                  | 126          | 8.72  | 4,343   |
| 27        | 2.22  | 50,607   | 77           | 5.59  | 56,391                   | 127          | 8.76  | 27,475  |
| 28        | 2.30  | 229,881  | 78           | 5.65  | 50,607                   | 128          | 8.83  | 50,607  |
| 29        | 2.37  | -169,148 | 79           | 5.70  | 33,258                   | 129          | 8.93  | -7,223  |
| 30        | 2.46  | 154,702  | 80           | 5.74  | 50,607                   | 130          | 9.00  | 56,391  |
| 31        | 2.52  | -65,053  | 81           | 5.80  | -47,704                  | 131          | 9.04  | -41,921 |
| 32        | 2.59  | 96,872   | 82           | 5.87  | 10,126                   | 132          | 9.10  | -13,006 |
| 33        | 2.64  | 50,607   | 83           | 5.91  | 15,909                   | 133          | 9.21  | -30,355 |
| 34        | 2.70  | -198,630 | 84           | 5.98  | -99,751                  | 134          | 9.27  | 21,692  |
| 35        | 2.77  | -140,252 | 85           | 6.02  | -1,440                   | 135          | 9.33  | -24,572 |
| 36        | 2.82  | -203,816 | 86           | 6.10  | 10,126                   | 136          | 9.40  | 33,258  |
| 37        | 2.91  | 380,240  | 87           | 6.15  | 4,343                    | 137          | 9.44  | -76,619 |
| 38        | 3.02  | -1,440   | 88           | 6.21  | -47,704                  | 138          | 9.59  | 21,692  |
| 39        | 3.10  | -198,063 | 89           | 6.31  | 56,391                   | 139          | 9.63  | 4,343   |
| 40        | 3.16  | -53,487  | 90           | 6.40  | -76,619                  | 140          | 9.67  | 33,258  |
| 41        | 3.20  | -93,968  | 91           | 6.46  | -7,223                   | 141          | 9.72  | -1,440  |
| 42        | 3.28  | 62,174   | 92           | 6.53  | -30,355                  | 142          | 9.78  | 15,909  |
| 43        | 3.32  | 120,004  | 93           | 6.61  | 79,523                   | 143          | 9.89  | -47,704 |
| 44        | 3.38  | 143,136  | 94           | 6.65  | -1,440                   | 144          | 9.98  | 44,824  |
| 45        | 3.42  | -36,138  | 95           | 6.70  | 50,607                   | 145          | 10.02 | 15,909  |
| 46        | 3.46  | -18,789  | 96           | 6.76  | -30,355                  | 146          | 10.04 | 10,126  |
| 47        | 3.52  | -151,798 | 97           | 6.83  | -13,006                  | 147          | 10.08 | -7,223  |
| 48        | 3.63  | 108,438  | 98           | 6.87  | -1,440                   | 148          | 10.15 | 33,258  |
| 49        | 3.67  | 177,834  | 99           | 6.91  | -30,355                  | 149          | 10.21 | -18,789 |
| 50        | 3.74  | -65,053  | 100          | 6.98  | 44,824                   | 150          | 10.25 | 10,126  |

| INDEX NO. | 77    | CASTAIC | SAN FERNANDO | N21E | MAX.ACCEL.= 380.240(GAL) | T= 2.91(SEC) | NO. 2 |
|-----------|-------|---------|--------------|------|--------------------------|--------------|-------|
| NO.       | (SEC) | (GAL)   |              |      |                          |              |       |
| 201       | 13.60 | -7,223  |              |      |                          |              |       |
| 202       | 13.65 | -13,006 |              |      |                          |              |       |
| 203       | 13.91 | 50,607  |              |      |                          |              |       |
| 204       | 13.96 | -7,223  |              |      |                          |              |       |
| 205       | 14.04 | 27,475  |              |      |                          |              |       |
| 206       | 14.12 | -53,487 |              |      |                          |              |       |
| 207       | 14.21 | 27,475  |              |      |                          |              |       |
| 208       | 14.28 | 15,909  |              |      |                          |              |       |
| 209       | 14.29 | 27,475  |              |      |                          |              |       |
| 210       | 14.37 | -41,921 |              |      |                          |              |       |
| 211       | 14.48 | 44,824  |              |      |                          |              |       |
| 212       | 14.57 | -30,355 |              |      |                          |              |       |
| 213       | 14.67 | 50,607  |              |      |                          |              |       |
| 214       | 14.76 | -7,223  |              |      |                          |              |       |
| 215       | 14.85 | 56,391  |              |      |                          |              |       |
| 216       | 14.91 | -47,704 |              |      |                          |              |       |
| 217       | 14.96 | -36,138 |              |      |                          |              |       |
| 218       | 15.00 | -41,921 |              |      |                          |              |       |
| 219       | 15.15 | 50,607  |              |      |                          |              |       |
| 220       | 15.23 | -18,789 |              |      |                          |              |       |
| 221       | 15.29 | 33,258  |              |      |                          |              |       |
| 222       | 15.40 | -70,836 |              |      |                          |              |       |
| 223       | 15.57 | 89,041  |              |      |                          |              |       |
| 224       | 15.65 | -53,487 |              |      |                          |              |       |
| 225       | 15.74 | 44,824  |              |      |                          |              |       |
| 226       | 15.83 | -59,270 |              |      |                          |              |       |
| 227       | 15.96 | 39,041  |              |      |                          |              |       |
| 228       | 16.02 | 4,343   |              |      |                          |              |       |
| 229       | 16.08 | -41,921 |              |      |                          |              |       |
| 230       | 16.17 | 73,740  |              |      |                          |              |       |
| 231       | 16.29 | -1,440  |              |      |                          |              |       |
| 232       | 16.37 | 44,824  |              |      |                          |              |       |
| 233       | 16.46 | -41,921 |              |      |                          |              |       |
| 234       | 16.54 | 21,692  |              |      |                          |              |       |
| 235       | 16.67 | -47,704 |              |      |                          |              |       |
| 236       | 16.76 | -59,270 |              |      |                          |              |       |
| 237       | 16.80 | -7,223  |              |      |                          |              |       |
| 238       | 16.85 | -7,223  |              |      |                          |              |       |
| 239       | 16.91 | 33,258  |              |      |                          |              |       |
| 240       | 17.00 | 39,041  |              |      |                          |              |       |
| 241       | 17.07 | -24,572 |              |      |                          |              |       |

| INDEX NO. | 89    | 106-GR-9 | SOOKA BRIDGE | TR    | MAX.ACCEL.= | 50,000(GAL) | T= 3.16(SEC) | NO. 1   |
|-----------|-------|----------|--------------|-------|-------------|-------------|--------------|---------|
| NO.       | (SEC) | (GAL)    | NO.          | (SEC) | (GAL)       | NO.         | (SEC)        | (GAL)   |
| 1         | 0.    | -7,500   | 51           | 3.10  | -1,250      | 101         | 6.30         | -10,000 |
| 2         | 0.06  | -1,250   | 52           | 3.16  | 50,000      | 102         | 6.40         | 20,000  |
| 3         | 0.10  | -2,500   | 53           | 3.20  | 12,500      | 103         | 6.50         | -10,000 |
| 4         | 0.20  | -6,250   | 54           | 3.25  | -12,500     | 104         | 6.56         | 10,000  |
| 5         | 0.30  | 5,000    | 55           | 3.30  | -3,750      | 105         | 6.60         | 0.      |
| 6         | 0.35  | 2,500    | 56           | 3.34  | 10,000      | 106         | 6.65         | -16,250 |
| 7         | 0.40  | 10,000   | 57           | 3.40  | -25,000     | 107         | 6.70         | -12,500 |
| 8         | 0.50  | 8,750    | 58           | 3.49  | -2,500      | 108         | 6.78         | 8,750   |
| 9         | 0.60  | 2,500    | 59           | 3.50  | -7,500      | 109         | 6.80         | 8,750   |
| 10        | 0.66  | -2,500   | 60           | 3.60  | -31,250     | 110         | 6.90         | 18,750  |
| 11        | 0.70  | 1,250    | 61           | 3.70  | 22,500      | 111         | 6.93         | 23,750  |
| 12        | 0.73  | 8,750    | 62           | 3.75  | 5,000       | 112         | 7.00         | 16,250  |
| 13        | 0.80  | -7,500   | 63           | 3.80  | 7,500       | 113         | 7.10         | -2,500  |
| 14        | 0.82  | -12,500  | 64           | 3.90  | 0.          | 114         | 7.20         | -3,750  |
| 15        | 0.90  | 8,750    | 65           | 4.00  | 41,250      | 115         | 7.28         | -30,000 |
| 16        | 1.00  | 18,750   | 66           | 4.10  | -20,000     | 116         | 7.30         | -28,750 |
| 17        | 1.10  | 17,500   | 67           | 4.16  | 8,750       | 117         | 7.40         | -20,000 |
| 18        | 1.20  | 11,250   | 68           | 4.20  | -1,250      | 118         | 7.47         | 23,750  |
| 19        | 1.30  | -25,000  | 69           | 4.25  | -21,250     | 119         | 7.50         | 20,000  |
| 20        | 1.33  | -18,750  | 70           | 4.30  | -17,500     | 120         | 7.53         | 12,500  |
| 21        | 1.40  | -22,500  | 71           | 4.40  | -33,750     | 121         | 7.60         | 23,750  |
| 22        | 1.44  | -28,750  | 72           | 4.50  | 12,500      | 122         | 7.63         | 37,500  |
| 23        | 1.50  | -2,000   | 73           | 4.60  | 37,500      | 123         | 7.70         | 2,500   |
| 24        | 1.52  | -3,750   | 74           | 4.70  | 28,750      | 124         | 7.80         | -27,500 |
| 25        | 1.60  | -18,750  | 75           | 4.80  | 10,000      | 125         | 7.95         | -12,500 |
| 26        | 1.70  | 28,750   | 76           | 4.88  | 12,500      | 126         | 8.00         | -6,250  |
| 27        | 1.73  | 38,750   | 77           | 4.90  | 0.          | 127         | 8.10         | 0.      |
| 28        | 1.80  | 0.       | 78           | 4.93  | -22,500     | 128         | 8.20         | 20,000  |
| 29        | 1.85  | -6,250   | 79           | 5.00  | -10,000     | 129         | 8.22         | 26,250  |
| 30        | 1.90  | 0.       | 80           | 5.05  | -6,250      | 130         | 8.30         | 21,250  |
| 31        | 1.94  | 31,250   | 81           | 5.10  | -21,250     | 131         | 8.38         | 16,250  |
| 32        | 2.00  | -12,500  | 82           | 5.15  | -37,500     | 132         | 8.40         | -2,500  |
| 33        | 2.03  | -25,000  | 83           | 5.20  | -33,750     | 133         | 8.47         | -35,000 |
| 34        | 2.10  | 17,500   | 84           | 5.30  | -1,250      | 134         | 8.50         | -27,500 |
| 35        | 2.20  | -8,750   | 85           | 5.40  | -18,750     | 135         | 8.54         | -2,500  |
| 36        | 2.25  | -15,000  | 86           | 5.46  | 25,000      | 136         | 8.60         | -16,250 |
| 37        | 2.30  | 5,000    | 87           | 5.50  | 12,500      | 137         | 8.70         | 8,000   |
| 38        | 2.34  | 21,250   | 88           | 5.54  | 2,500       | 138         | 8.77         | -8,750  |
| 39        | 2.40  | 6,250    | 89           | 5.60  | 3,750       | 139         | 8.80         | -7,500  |
| 40        | 2.46  | -12,500  | 90           | 5.68  | 20,000      | 140         | 8.85         | 7,500   |
| 41        | 2.50  | 0.       | 91           | 5.70  | 16,250      | 141         | 8.90         | 2,500   |
| 42        | 2.57  | 40,000   | 92           | 5.80  | -16,250     | 142         | 8.96         | 6,250   |
| 43        | 2.60  | 7,500    | 93           | 5.85  | -23,750     | 143         | 9.00         | 5,000   |
| 44        | 2.68  | -25,000  | 94           | 5.90  | -12,500     | 144         | 9.03         | -1,250  |
| 45        | 2.70  | -17,500  | 95           | 5.92  | 17,500      | 145         | 9.10         | 16,250  |
| 46        | 2.80  | 21,250   | 96           | 6.00  | -16,250     | 146         | 9.15         | 30,000  |
| 47        | 2.90  | -22,500  | 97           | 6.10  | 22,500      | 147         | 9.20         | 11,250  |
| 48        | 2.93  | -11,250  | 98           | 6.15  | 41,250      | 148         | 9.27         | 2,500   |
| 49        | 3.00  | -6,250   | 99           | 6.20  | -3,750      | 149         | 9.30         | 8,750   |
| 50        | 3.02  | 3,750    | 100          | 6.25  | -15,000     | 150         | 9.33         | 11,250  |

| INDEX NO. | 89    | 106-GR-9 | SOOKA BRIDGE | TR    | MAX.ACCEL.= | 50,000(GAL) | T= 3.16(SEC) | NO. 2   |
|-----------|-------|----------|--------------|-------|-------------|-------------|--------------|---------|
| NO.       | (SEC) | (GAL)    | NO.          | (SEC) | (GAL)       | NO.         | (SEC)        | (GAL)   |
| 201       | 12.50 | 7,500    | 251          | 15.87 | 8,750       | 301         | 19.50        | 12,500  |
| 202       | 12.60 | 18,750   | 252          | 15.90 | 5,000       | 302         | 19.60        | -15,000 |
| 203       | 12.70 | -3,750   | 253          | 15.94 | -2,500      | 303         | 19.70        | -26,250 |
| 204       | 12.73 | -8,750   | 254          | 16.00 | 1,250       | 304         | 19.83        | -21,250 |
| 205       | 12.80 | -6,250   | 255          | 16.06 | -6,750      | 305         | 19.90        | 12,500  |
| 206       | 12.89 | -1,250   | 256          | 16.10 | -5,000      | 306         | 20.00        | 20,000  |
| 207       | 12.90 | 0.       | 257          | 16.20 | 7,500       | 307         | 20.10        | 12,500  |
| 208       | 12.95 | 3,750    | 258          | 16.30 | 15,000      | 308         | 20.20        | 8,750   |
| 209       | 13.00 | -2,500   | 259          | 16.40 | 7,500       | 309         | 20.28        | -17,500 |
| 210       | 13.10 | 0.       | 260          | 16.50 | 7,500       | 310         | 20.30        | -16,250 |
| 211       | 13.18 | -3,750   | 261          | 16.60 | -22,500     | 311         | 20.40        | -7,500  |
| 212       | 13.20 | 0.       | 262          | 16.70 | -7,500      | 312         | 20.50        | -1,250  |
| 213       | 13.25 | 8,750    | 263          | 16.77 | 16,250      | 313         | 20.60        | 8,750   |
| 214       | 13.30 | 1,250    | 264          | 16.80 | 13,750      | 314         | 20.68        | 3,750   |
| 215       | 13.32 | 0.       | 265          | 16.88 | 2,500       | 315         | 20.70        | 5,000   |
| 216       | 13.40 | 13,750   | 266          | 16.90 | 6,250       | 316         | 20.76        | 8,750   |
| 217       | 13.47 | 0.       | 267          | 16.95 | 10,000      | 317         | 20.80        | 3,750   |
| 218       | 13.50 | 2,500    | 268          | 17.00 | 8,750       | 318         | 20.90        | -6,250  |
| 219       | 13.60 | 6,250    | 269          | 17.10 | 2,500       | 319         | 20.96        | -8,750  |
| 220       | 13.70 | -1,250   | 270          | 17.20 | -1,250      | 320         | 21.00        | -7,500  |
| 221       | 13.74 | -13,750  | 271          | 17.24 | 6,250       | 321         | 21.06        | 1,250   |
| 222       | 13.80 | -1,250   | 272          | 17.30 | -2,500      | 322         | 21.10        | -1,250  |
| 223       | 13.84 | 6,250    | 273          | 17.33 | -6,250      | 323         | 21.14        | -3,750  |
| 224       | 13.90 | 0.       | 274          | 17.40 | -3,750      | 324         | 21.20        | 10,000  |
| 225       | 14.00 | -2,500   | 275          | 17.50 | -18,750     | 325         | 21.30        | 8,750   |
| 226       | 14.10 | 3,750    | 276          | 17.60 | 11,250      | 326         | 21.40        | -3,750  |
| 227       | 14.20 | -8,750   | 277          | 17.66 | 18,750      | 327         | 21.45        | -13,750 |
| 228       | 14.30 | 10,000   | 278          | 17.70 | 16,250      | 328         | 21.50        | -5,000  |
| 229       | 14.40 | 21,250   | 279          | 17.80 | 10,000      | 329         | 21.56        | -8,750  |
| 230       | 14.50 | -7,500   | 280          | 17.90 | -6,250      | 330         | 21.60        | -7,500  |
| 231       | 14.54 | -6,250   | 281          | 18.00 | -13,750     | 331         | 21.63        | -3,750  |
| 232       | 14.60 | -13,750  | 282          | 18.10 | -1,250      | 332         | 21.70        | -5,000  |
| 233       | 14.70 | -13,750  | 283          | 18.20 | 0.          | 333         | 21.80        | 11,250  |
| 234       | 14.80 | 7,500    | 284          | 18.26 | 8,750       | 334         | 21.90        | 6,250   |
| 235       | 14.83 | 18,750   | 285          | 18.30 | 6,250       | 335         | 22.00        | -12,500 |
| 236       | 14.90 | 18,750   | 286          | 18.40 | 12,500      | 336         | 22.10        | 7,500   |
| 237       | 15.00 | 32,500   | 287          | 18.42 | 15,000      | 337         | 22.15        | -12,500 |
| 238       | 15.10 | -2,500   | 288          | 18.50 | 0.          | 338         | 22.20        | -11,250 |
| 239       | 15.12 | -8,750   | 289          | 18.60 | 7,500       | 339         | 22.30        | 1,250   |
| 240       | 15.20 | -22,500  | 290          | 18.65 | 3,750       | 340         | 22.38        | -6,250  |
| 241       | 15.25 | -33,750  | 291          | 18.70 | 12,500      | 341         | 22.40        | -5,000  |
| 242       | 15.30 | -25,000  | 292          | 18.73 | 16,250      | 342         | 22.50        | 2,500   |
| 243       | 15.32 | -21,250  | 293          | 18.80 | 8,750       | 343         | 22.60        | 10,000  |
| 244       | 15.40 | -18,750  | 294          | 18.90 | -3,750      | 344         | 22.64        | 12,500  |
| 245       | 15.50 | 13,750   | 295          | 18.96 | -16,250     | 345         | 22.70        | 3,750   |
| 246       | 15.52 | 17,500   | 296          | 19.00 | -16,250     | 346         | 22.80        | -6,250  |
| 247       | 15.60 | 11,250   | 297          | 19.10 | -8,750      | 347         | 22.83        | -8,750  |
| 248       | 15.64 | 15,000   | 298          | 19.20 | -3,750      | 348         | 22.90        | -3,750  |
| 249       | 15.70 | 6,250    | 299          | 19.30 | 5,000       | 349         | 23.00        | -2,500  |
| 250       | 15.80 | 0.       | 300          | 19.40 | 21,250      | 350         | 23.20        | 3,750   |
| 351       | 23.30 | -7,500   | 351          | 23.30 | -7,500      | 351         | 23.30        | -7,500  |
| 352       | 23.33 | -12,500  | 352          | 23.33 | -12,500     | 352         | 23.33        | -12,500 |
| 353       | 23.40 | -15,000  | 353          | 23.40 | -15,000     | 353         | 23.40        | -15,000 |
| 354       | 23.43 | 0.       | 354          | 23.43 | 0.          | 354         | 23.43        | 0.      |
| 355       | 23.50 | -7,500   | 355          | 23.50 | -7,500      | 355         | 23.50        | -7,500  |
| 356       | 23.60 | 0.       | 356          | 23.60 | 0.          | 356         | 23.60        | 0.      |
| 357       | 23.70 | 6,250    | 357          | 23.70 | 6,250       | 357         | 23.70        | 6,250   |
| 358       | 23.80 | 7,500    | 358          | 23.80 | 7,500       | 358         | 23.80        | 7,500   |
| 359       | 23.90 | -3,750   | 359          | 23.90 | -3,750      | 359         | 23.90        | -3,750  |
| 360       | 24.00 | -6,250   | 360          | 24.00 | -6,250      | 360         | 24.00        | -6,250  |
| 361       | 24.03 | -7,500   | 361          | 24.03 | -7,500      | 361         | 24.03        | -7,500  |
| 362       | 24.10 | -3,750   | 362          | 24.10 | -3,750      | 362         | 24.10        | -3,750  |
| 363       | 24.18 | -2,500   | 363          | 24.18 | -2,500      | 363         | 24.18        | -2,500  |
| 364       | 24.20 | 11,250   | 364          | 24.20 | 11,250      | 364         | 24.20        | 11,250  |
| 365       | 24.27 | 6,250    | 365          | 24.27 | 6,250       | 365         | 24.27        | 6,250   |
| 366       | 24.30 | -2,500   | 366          | 24.30 | -2,500      | 366         | 24.30        | -2,500  |
| 367       | 24.40 | -12,500  | 367          | 24.40 | -12,500     | 367         | 24.40        | -12,500 |
| 368       | 24.50 | -3,750   | 368          | 24.50 | -3,750      | 368         | 24.50        | -3,750  |
| 369       | 24.60 | 5,000    | 369          | 24.60 | 5,000       | 369         | 24.60        | 5,000   |
| 370       | 24.70 | 10,000   | 370          | 24.70 | 10,000      | 370         | 24.70        | 10,000  |
| 371       | 24.80 | 17,500   | 371          | 24.80 | 17,500      | 371         | 24.80        | 17,500  |
| 372       | 24.80 | 0.       | 372          | 24.80 | 0.          | 372         | 24.80        | 0.      |
| 373       | 24.90 | -5,000   | 373          | 24.90 | -5,000      | 373         | 24.90        | -5,000  |
| 374       | 25.00 | -16,250  | 374          | 25.00 | -16,250     | 374         | 25.00        | -16,250 |
| 375       | 25.07 | -71,250  | 375          | 25.07 | -71,250     | 375         | 25.07        | -71,250 |
| 376       | 25.10 | -18,750  | 376          | 25.10 | -18,750     | 376         | 25.10        | -18,750 |
| 377       | 25.13 | 7,500    | 377          | 25.13 | 7,500       | 377         | 25.13        | 7,500   |
| 378       | 25.16 | 13,750   | 378          | 25.16 | 13,750      | 378         | 25.16        | 13,750  |
| 379       | 25.19 | 11,250   | 379          | 25.19 | 11,250      | 379         | 25.19        | 11,250  |
| 380       | 25.22 | 7,500    | 380          | 25.22 | 7,500       | 380         | 25.22        | 7,500   |
| 381       | 25.25 | 6,250    | 381          | 25.25 | 6,250       | 381         | 25.25        | 6,250   |
| 382       | 25.28 | 3,750    | 382          | 25.28 | 3,750       | 382         | 25.28        | 3,750   |
| 383       | 25.31 | 2,500    | 383          | 25.31 | 2,500       | 383         | 25.31        | 2,500   |
| 384       | 25.34 | 1,250    | 384          | 25.34 | 1,250       | 384         | 25.34        | 1,250   |
| 385       | 25.37 | 0.       | 385          | 25.37 | 0.          | 385         | 25.37        | 0.      |
| 386       | 25.40 | -1,250   | 386          | 25.40 | -1,250      | 386         | 25.40        | -1,250  |
| 387       | 25.43 | -2,500   | 387          | 25.43 | -2,500      | 387         | 25.43        | -2,500  |
| 388       | 25.46 | -3,750   | 388          | 25.46 | -3,750      | 388         | 25.46        | -3,750  |
| 389       | 25.49 | -5,000   | 389          | 25.49 | -5,000      | 389         | 25.49        | -5,000  |
| 390       | 25.52 | -6,250   | 390          | 25.52 | -6,250      | 390         | 25.52        | -6,250  |
| 391       | 25.55 | -7,500   | 391          | 25.55 | -7,500      | 391         | 25.55        | -7,500  |
| 392       | 25.58 | -8,750   | 392          | 25.58 | -8,750      | 392         | 25.58        | -8,750  |
| 393       | 25.61 | -10,000  | 393          | 25.61 | -10,000     | 393         | 25.61        | -10,000 |
| 394       | 25.64 | -11,250  | 394          | 25.64 | -11,250     | 394         | 25.64        | -11,250 |
| 395       | 25.67 | -12,500  | 395          | 25.67 | -12,500     | 395         | 25.67        | -12,500 |
| 396       | 25.70 | -13,750  | 396          | 25.70 | -13,750     | 396         | 25.70        | -13,750 |
| 397       | 25.73 | -15,000  | 397          | 25.73 | -15,000     | 397         | 25.73        | -15,000 |
| 398       | 25.76 | -16,250  | 398          | 25.76 | -16,250     | 398         | 25.76        | -16,250 |
| 399       | 25.79 | -17,500  | 399          | 25.79 | -17,500     | 399         | 25.79        | -17,500 |
| 400       | 25.82 | -18,750  | 400          | 25.82 | -18,750     | 400         | 25.82        | -18,750 |

| INDEX NO. | 90      | 106-GR-9  | SOOKA BRIDGE | LG        | MAX.ACCEL. = -46,250(GAL) | T = 5.60(SEC) |         | NO. 1 |
|-----------|---------|-----------|--------------|-----------|---------------------------|---------------|---------|-------|
| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)        | NO. (SEC) | (GAL)                     | NO. (SEC)     | (GAL)   |       |
| 1 0.      | 3.750   | 51 3.00   | 18.750       | 101 6.10  | -12.500                   | 151 9.40      | -1.250  |       |
| 2 0.05    | 11.250  | 52 3.01   | 13.750       | 102 6.20  | 3.750                     | 152 9.50      | -8.750  |       |
| 3 0.10    | 6.250   | 53 3.08   | 25.000       | 103 6.25  | 0.                        | 153 9.58      | 12.500  |       |
| 4 0.20    | -6.250  | 54 3.10   | 18.750       | 104 6.30  | 17.500                    | 154 9.60      | 10.000  |       |
| 5 0.23    | -10.000 | 55 3.14   | 6.50         | 105 6.40  | 0.                        | 155 9.67      | -1.250  |       |
| 6 0.26    | 7.500   | 56 3.20   | 27.500       | 106 5.50  | 27.500                    | 156 9.70      | -10.000 |       |
| 7 0.30    | 2.500   | 57 3.30   | -27.500      | 107 6.60  | 6.250                     | 157 9.77      | 18.750  |       |
| 8 0.34    | -1.250  | 58 3.37   | 2.500        | 108 6.70  | -33.750                   | 158 9.80      | 12.500  |       |
| 9 0.38    | 2.500   | 59 3.40   | -2.500       | 109 6.80  | 2.500                     | 159 9.86      | -5.000  |       |
| 10 9.40   | 0.      | 60 3.50   | 7.500        | 110 6.87  | -27.500                   | 160 9.90      | -2.500  |       |
| 11 0.50   | 10.000  | 61 3.60   | 17.500       | 111 6.90  | -21.250                   | 161 9.97      | 11.250  |       |
| 12 0.55   | 5.000   | 62 3.65   | 27.500       | 112 7.00  | 31.250                    | 162 10.00     | 8.750   |       |
| 13 0.60   | 15.000  | 63 3.70   | -17.500      | 113 7.04  | 28.750                    | 163 10.10     | -3.750  |       |
| 14 0.70   | -2.500  | 64 3.80   | -7.500       | 114 7.10  | 31.250                    | 164 10.18     | -9.250  |       |
| 15 0.80   | 6.250   | 65 3.83   | -8.250       | 115 7.12  | 35.000                    | 165 10.20     | -70.000 |       |
| 16 0.85   | 2.500   | 66 3.90   | -10.000      | 116 7.20  | -12.500                   | 166 10.30     | 2.500   |       |
| 17 0.90   | 17.500  | 67 4.00   | -8.750       | 117 7.30  | -20.000                   | 167 10.40     | 16.250  |       |
| 18 1.00   | 6.250   | 68 4.10   | 25.000       | 118 7.40  | -22.500                   | 168 10.45     | 27.500  |       |
| 19 1.06   | 21.250  | 69 4.13   | 35.000       | 119 7.50  | -2.500                    | 169 10.50     | 6.250   |       |
| 20 1.10   | 11.250  | 70 4.20   | 27.500       | 120 7.58  | 35.000                    | 170 10.60     | 0.      |       |
| 21 1.20   | -1.250  | 71 4.30   | -5.000       | 121 7.60  | 32.500                    | 171 10.70     | -22.500 |       |
| 22 1.25   | 1.250   | 72 4.40   | -2.500       | 122 7.70  | 10.000                    | 172 10.73     | -28.750 |       |
| 23 1.30   | -18.750 | 73 4.48   | 13.750       | 123 7.76  | -3.750                    | 173 10.80     | -15.000 |       |
| 24 1.40   | -16.250 | 74 4.50   | 3.750        | 124 7.80  | 5.000                     | 174 10.83     | -10.000 |       |
| 25 1.50   | 5.000   | 75 4.58   | -22.500      | 125 7.82  | 18.750                    | 175 10.88     | -10.000 |       |
| 26 1.53   | -1.250  | 76 4.60   | 16.250       | 126 7.90  | -15.000                   | 176 10.90     | -3.750  |       |
| 27 1.60   | 8.750   | 77 4.64   | -16.250      | 127 8.00  | 6.250                     | 177 11.00     | 1.000   |       |
| 28 1.65   | 8.750   | 78 4.70   | -5.000       | 128 8.06  | 11.250                    | 178 11.00     | 8.750   |       |
| 29 1.70   | 27.500  | 79 4.75   | 2.500        | 129 8.10  | 8.750                     | 179 11.08     | -5.000  |       |
| 30 1.75   | 16.250  | 80 4.80   | -18.750      | 130 8.20  | -10.000                   | 180 11.10     | -3.750  |       |
| 31 1.80   | 16.250  | 81 4.90   | -8.750       | 131 8.21  | -11.250                   | 181 11.13     | 17.500  |       |
| 32 1.85   | 2.500   | 82 4.97   | 27.500       | 132 8.25  | -6.250                    | 182 11.20     | -5.000  |       |
| 33 1.90   | 10.000  | 83 5.00   | 21.250       | 133 8.30  | -12.500                   | 183 11.30     | 10.000  |       |
| 34 1.97   | -18.750 | 84 5.05   | 21.250       | 134 8.37  | -36.250                   | 184 11.35     | 23.750  |       |
| 35 2.00   | -7.500  | 85 5.10   | -7.500       | 135 8.40  | -32.500                   | 185 11.40     | 17.500  |       |
| 36 2.02   | 8.750   | 86 5.12   | -21.250      | 136 8.50  | 25.000                    | 186 11.50     | 6.250   |       |
| 37 2.08   | -10.000 | 87 5.20   | 8.750        | 137 8.56  | 8.750                     | 187 11.53     | 6.250   |       |
| 38 2.10   | 1.250   | 88 5.30   | 15.000       | 138 8.60  | 11.250                    | 188 11.55     | 6.250   |       |
| 39 2.15   | 22.500  | 89 5.40   | 12.500       | 139 8.65  | 31.250                    | 189 11.60     | -8.750  |       |
| 40 2.20   | 11.250  | 90 5.48   | 27.500       | 140 8.70  | 27.500                    | 190 11.62     | -15.000 |       |
| 41 2.25   | -17.500 | 91 5.50   | 18.750       | 141 8.79  | -12.500                   | 191 11.67     | -20.000 |       |
| 42 2.30   | 15.000  | 92 5.60   | -46.250      | 142 8.80  | -12.500                   | 192 11.70     | -10.000 |       |
| 43 2.40   | -22.500 | 93 5.70   | 6.250        | 143 8.87  | 3.750                     | 193 11.80     | 0.      |       |
| 44 2.50   | 18.750  | 94 5.74   | 0.           | 144 8.90  | -5.000                    | 194 11.84     | 11.250  |       |
| 45 2.60   | 27.500  | 95 5.80   | 12.500       | 145 8.97  | -20.000                   | 195 11.90     | -17.500 |       |
| 46 2.62   | 30.000  | 96 5.85   | 32.500       | 146 9.00  | -18.750                   | 196 11.91     | -22.500 |       |
| 47 2.70   | -20.000 | 97 5.90   | 0.           | 147 9.10  | 22.400                    | 197 12.00     | 5.000   |       |
| 48 2.80   | -41.250 | 98 5.92   | -8.750       | 148 9.20  | 9.200                     | 198 12.04     | 3.750   |       |
| 49 2.90   | -1.250  | 99 5.98   | 1.250        | 149 9.30  | -1.250                    | 199 12.10     | 10.000  |       |
| 50 2.98   | 26.250  | 100 6.00  | -1.250       | 150 9.34  | -5.000                    | 200 12.12     | 2.500   |       |

| INDEX NO. | 90      | 106-GR-9  | SOOKA BRIDGE | LG        | MAX.ACCEL. = -46,250(GAL) | T = 5.60(SEC) | NO. 2   |
|-----------|---------|-----------|--------------|-----------|---------------------------|---------------|---------|
| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)        | NO. (SEC) | (GAL)                     | NO. (SEC)     | (GAL)   |
| 201 12.20 | 16,250  | 251 15.50 | -7,500       | 301 19.10 | -7,500                    | 351 22.40     | 0.      |
| 202 12.30 | 25,000  | 252 15.53 | -16,250      | 302 19.13 | -3,750                    | 352 22.44     | -7,500  |
| 203 12.40 | 0.      | 253 15.60 | -2,500       | 303 19.20 | -10,000                   | 353 22.50     | -2,500  |
| 204 12.50 | -27,500 | 254 15.66 | 10,000       | 304 19.30 | 5,000                     | 354 22.60     | -10,000 |
| 205 12.60 | -32,500 | 255 15.70 | 6,250        | 305 19.40 | 2,500                     | 355 22.64     | -13,750 |
| 206 12.70 | 18,750  | 256 15.80 | 2,500        | 306 19.45 | 11,250                    | 356 22.70     | -6,250  |
| 207 12.76 | 5,000   | 257 15.85 | 0.           | 307 19.50 | 3,750                     | 357 22.73     | -2,500  |
| 208 12.80 | 7,500   | 258 15.90 | 5,000        | 308 19.60 | -7,500                    | 358 22.80     | -6,250  |
| 209 12.90 | 18,750  | 259 15.95 | -1,250       | 309 19.63 | -7,500                    | 359 22.90     | 2,500   |
| 210 13.00 | 0.      | 260 16.00 | 6,250        | 310 19.70 | -17,500                   | 360 23.00     | 8,750   |
| 211 13.04 | -7,500  | 261 16.10 | 3,750        | 311 19.72 | -20,000                   | 361 23.03     | 10,000  |
| 212 13.10 | 5,000   | 262 16.20 | 5,000        | 312 19.80 | -8,750                    | 362 23.10     | 2,500   |
| 213 13.12 | 11,250  | 263 16.30 | 16,250       | 313 19.90 | 10,000                    | 363 23.20     | -18,750 |
| 214 13.20 | -8,750  | 264 16.40 | -20,000      | 314 20.00 | 6,250                     | 364 23.25     | -21,250 |
| 215 13.25 | 3,750   | 265 16.43 | -28,750      | 315 20.04 | 3,750                     | 365 23.30     | -18,750 |
| 216 13.30 | -2,500  | 266 16.50 | -11,250      | 316 20.10 | 6,250                     | 366 23.33     | -16,250 |
| 217 13.40 | -6,250  | 267 16.58 | -16,250      | 317 20.15 | 10,000                    | 367 23.40     | -18,750 |
| 218 13.47 | 5,000   | 268 16.60 | -13,750      | 318 20.20 | 2,500                     | 368 23.50     | 2,500   |
| 219 13.50 | -3,750  | 269 16.67 | 12,500       | 319 20.28 | -5,000                    | 369 23.53     | 7,500   |
| 220 13.54 | -11,250 | 270 16.70 | 12,500       | 320 20.30 | -3,750                    | 370 23.60     | 5,000   |
| 221 13.60 | -10,000 | 271 16.80 | 31,250       | 321 20.35 | 0.                        | 371 23.70     | 7,500   |
| 222 13.70 | 5,000   | 272 16.90 | 12,500       | 322 20.40 | -7,500                    | 372 23.80     | 0.      |
| 223 13.80 | 21,250  | 273 17.00 | -32,500      | 323 20.50 | -11,250                   | 373 23.90     | -7,500  |
| 224 13.87 | 8,750   | 274 17.10 | -18,750      | 324 20.60 | -6,250                    | 374 24.00     | -18,750 |
| 225 13.90 | 10,000  | 275 17.20 | 5,000        | 325 20.65 | 0.                        | 375 24.10     | -5,000  |
| 226 13.95 | 11,250  | 276 17.23 | 3,750        | 326 20.70 | -10,000                   | 376 24.20     | -3,750  |
| 227 14.00 | -2,500  | 277 17.30 | 25,000       | 327 20.74 | -12,500                   | 377 24.30     | 6,250   |
| 228 14.05 | -16,250 | 278 17.32 | 26,250       | 328 20.80 | -1,250                    | 378 24.35     | 7,500   |
| 229 14.10 | -12,500 | 279 17.40 | 8,750        | 329 20.90 | 10,000                    | 379 24.40     | 0.      |
| 230 14.15 | -7,500  | 280 17.50 | -16,250      | 330 21.00 | 10,000                    | 380 24.48     | -8,750  |
| 231 14.20 | -7,500  | 281 17.60 | -31,250      | 331 21.10 | 0.                        | 381 24.50     | -7,500  |
| 232 14.27 | 11,250  | 282 17.70 | -8,750       | 332 21.15 | 2,500                     | 382 24.55     | -3,750  |
| 233 14.30 | 8,750   | 283 17.80 | 31,250       | 333 21.20 | -11,250                   | 383 24.60     | -13,750 |
| 234 14.40 | 2,500   | 284 17.90 | 13,750       | 334 21.22 | -16,250                   | 384 24.62     | -16,250 |
| 235 14.50 | -1,250  | 285 18.00 | -2,500       | 335 21.30 | -15,000                   | 385 24.70     | -2,500  |
| 236 14.60 | -17,500 | 286 18.10 | -22,500      | 336 21.40 | 0.                        | 386 24.72     | 1,250   |
| 237 14.62 | -16,750 | 287 18.20 | 0.           | 337 21.47 | 3,750                     | 387 24.80     | -2,500  |
| 238 14.70 | -10,000 | 288 18.30 | -3,750       | 338 21.50 | -6,750                    | 388 24.90     | -7,500  |
| 239 14.77 | 1,250   | 289 18.40 | -5,000       | 339 21.56 | -13,750                   | 389 24.92     | -8,750  |
| 240 14.80 | 0.      | 290 18.48 | -1,250       | 340 21.60 | -5,000                    | 390 25.00     | 5,000   |
| 241 14.90 | 0.      | 291 18.50 | -5,000       | 341 21.70 | 6,250                     | 391 25.06     | 8,750   |
| 242 14.98 | 17,500  | 292 18.55 | -10,000      | 342 21.80 | -3,750                    | 392 25.10     | 3,750   |
| 243 15.00 | 11,250  | 293 18.60 | 5,000        | 343 21.83 | -7,500                    | 393 25.20     | -5,000  |
| 244 15.05 | 0.      | 294 18.62 | 8,750        | 344 21.90 | -3,750                    | 394 25.27     | -17,500 |
| 245 15.10 | 5,000   | 295 18.70 | 5,000        | 345 22.00 | -16,250                   | 395 25.30     | -16,250 |
| 246 15.20 | 15,000  | 296 18.73 | -1,250       | 346 22.10 | -16,250                   | 396 25.40     | -15,000 |
| 247 15.30 | -2,500  | 297 18.80 | 6,250        | 347 22.20 | 3,750                     | 397 25.45     | -16,250 |
| 248 15.39 | -11,250 | 298 18.85 | 12,500       | 348 22.27 | 18,750                    | 398 25.50     | -10,000 |
| 249 15.40 | -10,000 | 299 18.90 | 8,750        | 349 22.30 | 16,250                    | 399 25.60     | -1,250  |
| 250 15.46 | 0.      | 300 19.00 | -7,500       | 350 22.35 | 16,250                    | 400 25.65     | 3,750   |

| INDEX NO. | 90      | 106-GR-9  | SOOKA BRIDGE | LG | MAX.ACCEL. = -46,250(GAL) | T = 5.60(SEC) | NO. 3 |
|-----------|---------|-----------|--------------|----|---------------------------|---------------|-------|
| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)        |    |                           |               |       |
| 401 25.70 | 1,250   | 451 29.50 | 7,500        |    |                           |               |       |
| 402 25.73 | -3,750  |           |              |    |                           |               |       |
| 403 25.80 | 5,000   |           |              |    |                           |               |       |
| 404 25.87 | 8,750   |           |              |    |                           |               |       |
| 405 25.90 | 6,250   |           |              |    |                           |               |       |
| 406 26.00 | -6,250  |           |              |    |                           |               |       |
| 407 26.10 | -10,000 |           |              |    |                           |               |       |
| 408 26.20 | -22,500 |           |              |    |                           |               |       |
| 409 26.22 | -25,750 |           |              |    |                           |               |       |
| 410 26.30 | -11,250 |           |              |    |                           |               |       |
| 411 26.40 | 5,000   |           |              |    |                           |               |       |
| 412 26.50 | 16,250  |           |              |    |                           |               |       |
| 413 26.60 | 6,250   |           |              |    |                           |               |       |
| 414 26.70 | -7,500  |           |              |    |                           |               |       |
| 415 26.76 | -15,000 |           |              |    |                           |               |       |
| 416 26.80 | -11,250 |           |              |    |                           |               |       |
| 417 26.90 | -12,500 |           |              |    |                           |               |       |
| 418 27.00 | -8,750  |           |              |    |                           |               |       |
| 419 27.10 | -7,500  |           |              |    |                           |               |       |
| 420 27.15 | -3,750  |           |              |    |                           |               |       |
| 421 27.20 | -8,750  |           |              |    |                           |               |       |
| 422 27.30 | -5,000  |           |              |    |                           |               |       |
| 423 27.40 | -3,750  |           |              |    |                           |               |       |
| 424 27.47 | 6,250   |           |              |    |                           |               |       |
| 425 27.50 | 5,000   |           |              |    |                           |               |       |
| 426 27.60 | -6,250  |           |              |    |                           |               |       |
| 427 27.70 | -10,000 |           |              |    |                           |               |       |
| 428 27.80 | -20,000 |           |              |    |                           |               |       |
| 429 27.90 | -3,750  |           |              |    |                           |               |       |
| 430 27.97 | 6,250   |           |              |    |                           |               |       |
| 431 28.00 | 1,250   |           |              |    |                           |               |       |
| 432 28.10 | -3,750  |           |              |    |                           |               |       |
| 433 28.20 | -8,750  |           |              |    |                           |               |       |
| 434 28.30 | -12,500 |           |              |    |                           |               |       |
| 435 28.40 | -5,000  |           |              |    |                           |               |       |
| 436 28.50 | 1,250   |           |              |    |                           |               |       |
| 437 28.57 | 8,750   |           |              |    |                           |               |       |
| 438 28.60 | 6,250   |           |              |    |                           |               |       |
| 439 28.70 | 0.      |           |              |    |                           |               |       |
| 440 28.75 | 1,250   |           |              |    |                           |               |       |
| 441 28.80 | -6,250  |           |              |    |                           |               |       |
| 442 28.84 | -13,750 |           |              |    |                           |               |       |
| 443 28.90 | -12,500 |           |              |    |                           |               |       |
| 444 29.00 | -7,500  |           |              |    |                           |               |       |
| 445 29.10 | -18,750 |           |              |    |                           |               |       |
| 446 29.12 | -20,000 |           |              |    |                           |               |       |
| 447 29.20 | -6,250  |           |              |    |                           |               |       |
| 448 29.30 | 2,500   |           |              |    |                           |               |       |
| 449 29.36 | -3,750  |           |              |    |                           |               |       |
| 450 29.40 | 0.      |           |              |    |                           |               |       |

| INDEX NO. 124 |       | 106-GR-15 | SOOKA BRIDGE | TR    | MAX.ACCEL.= -47,500(GAL) |     | T= 2.10(SEC) |         | NO. 1 |       |         |
|---------------|-------|-----------|--------------|-------|--------------------------|-----|--------------|---------|-------|-------|---------|
| NO.           | (SEC) | (GAL)     | NO.          | (SEC) | (GAL)                    | NO. | (SEC)        | (GAL)   | NO.   | (SEC) | (GAL)   |
| 1             | 0.    | 1,250     | 51           | 3.65  | 5,000                    | 101 | 7.30         | 5,000   | 151   | 11.30 | 3,750   |
| 2             | 0.10  | -1,250    | 52           | 3.70  | 8,750                    | 102 | 7.40         | 21,250  | 152   | 11.40 | -1,250  |
| 3             | 0.20  | 1,250     | 53           | 3.72  | 11,250                   | 103 | 7.50         | -1,250  | 153   | 11.50 | -7,500  |
| 4             | 0.30  | -2,500    | 54           | 3.80  | -6,250                   | 104 | 7.56         | 1,250   | 154   | 11.60 | -5,000  |
| 5             | 0.40  | 3,750     | 55           | 3.85  | -16,250                  | 105 | 7.60         | -3,750  | 155   | 11.70 | -3,750  |
| 6             | 0.45  | -1,250    | 56           | 3.90  | -8,750                   | 106 | 7.63         | -5,000  | 156   | 11.80 | 7,500   |
| 7             | 0.50  | 1,250     | 57           | 4.00  | 5,000                    | 107 | 7.70         | 7,500   | 157   | 11.90 | 5,000   |
| 8             | 0.53  | 3,750     | 58           | 4.05  | 10,000                   | 108 | 7.75         | 16,250  | 158   | 12.00 | 3,750   |
| 9             | 0.60  | -1,250    | 59           | 4.10  | 5,000                    | 109 | 7.80         | 0.      | 159   | 12.10 | -2,500  |
| 10            | 0.70  | 0.        | 60           | 4.20  | -32,500                  | 110 | 7.90         | -11,250 | 160   | 12.20 | -5,000  |
| 11            | 0.80  | 0.        | 61           | 4.30  | 2,500                    | 111 | 7.95         | -13,750 | 161   | 12.30 | 1,250   |
| 12            | 0.90  | -1,250    | 62           | 4.40  | 5,000                    | 112 | 8.00         | -7,500  | 162   | 12.40 | 5,000   |
| 13            | 1.00  | 2,500     | 63           | 4.46  | 10,000                   | 113 | 8.06         | 2,500   | 163   | 12.50 | 1,250   |
| 14            | 1.10  | -1,250    | 64           | 4.50  | 6,250                    | 114 | 8.10         | 0.      | 164   | 12.60 | -2,500  |
| 15            | 1.20  | -17,500   | 65           | 4.55  | 1,250                    | 115 | 8.20         | 7,500   | 165   | 12.70 | 1,250   |
| 16            | 1.30  | -5,000    | 66           | 4.60  | 6,250                    | 116 | 8.30         | 0.      | 166   | 12.77 | 3,750   |
| 17            | 1.40  | 16,250    | 67           | 4.65  | 8,750                    | 117 | 8.35         | 3,750   | 167   | 12.80 | 2,500   |
| 18            | 1.50  | -3,750    | 68           | 4.70  | 3,750                    | 118 | 8.40         | -2,500  | 168   | 12.90 | -3,750  |
| 19            | 1.53  | -5,000    | 69           | 4.80  | -8,750                   | 119 | 8.48         | -13,750 | 169   | 13.00 | -3,750  |
| 20            | 1.60  | 5,000     | 70           | 4.83  | -10,000                  | 120 | 8.50         | -12,500 | 170   | 13.10 | -1,250  |
| 21            | 1.68  | 20,000    | 71           | 4.90  | 0.                       | 121 | 8.52         | -10,000 | 171   | 13.20 | 1,250   |
| 22            | 1.70  | 18,750    | 72           | 5.00  | -1,250                   | 122 | 8.60         | -12,500 | 172   | 13.30 | 5,000   |
| 23            | 1.75  | 16,250    | 73           | 5.10  | 7,500                    | 123 | 8.70         | 6,250   | 173   | 13.40 | 0.      |
| 24            | 1.80  | 20,000    | 74           | 5.20  | -3,750                   | 124 | 8.75         | 6,250   | 174   | 13.50 | 1,250   |
| 25            | 1.82  | 25,000    | 75           | 5.30  | -5,000                   | 125 | 8.80         | 11,250  | 175   | 13.60 | 5,000   |
| 26            | 1.90  | -15,000   | 76           | 5.37  | 1,250                    | 126 | 8.90         | 16,250  | 176   | 13.70 | -2,500  |
| 27            | 1.95  | -31,250   | 77           | 5.40  | -1,250                   | 127 | 9.00         | 8,750   | 177   | 13.80 | -2,500  |
| 28            | 2.00  | -28,750   | 78           | 5.50  | 7,500                    | 128 | 9.10         | -1,250  | 178   | 13.87 | 1,250   |
| 29            | 2.10  | -47,500   | 79           | 5.60  | -12,500                  | 129 | 9.20         | -11,250 | 179   | 13.90 | -1,250  |
| 30            | 2.20  | -10,000   | 80           | 5.70  | -3,750                   | 130 | 9.30         | -22,500 | 180   | 14.00 | -3,750  |
| 31            | 2.25  | 8,750     | 81           | 5.80  | 12,500                   | 131 | 9.40         | -8,750  | 181   | 14.10 | -1,250  |
| 32            | 2.30  | 6,250     | 82           | 5.83  | 15,000                   | 132 | 9.50         | 5,000   | 182   | 14.16 | 2,500   |
| 33            | 2.40  | 38,750    | 83           | 5.90  | 1,250                    | 133 | 9.58         | 20,000  | 183   | 14.20 | 0.      |
| 34            | 2.50  | 1,250     | 84           | 6.00  | -3,750                   | 134 | 9.60         | 17,500  | 184   | 14.30 | 2,500   |
| 35            | 2.56  | 5,000     | 85           | 6.10  | -12,500                  | 135 | 9.70         | 6,250   | 185   | 14.38 | 3,750   |
| 36            | 2.60  | -5,000    | 86           | 6.15  | -16,250                  | 136 | 9.80         | 1,250   | 186   | 14.40 | 2,500   |
| 37            | 2.70  | -23,750   | 87           | 6.20  | -5,000                   | 137 | 9.90         | -1,250  | 187   | 14.50 | -7,500  |
| 38            | 2.75  | -13,750   | 88           | 6.27  | 6,250                    | 138 | 10.00        | -3,750  | 188   | 14.56 | -3,750  |
| 39            | 2.80  | -15,000   | 89           | 6.30  | 3,750                    | 139 | 10.10        | -5,000  | 189   | 14.60 | -3,750  |
| 40            | 2.90  | 25,000    | 90           | 6.38  | 8,750                    | 140 | 10.20        | -2,500  | 190   | 14.70 | 1,250   |
| 41            | 3.00  | -6,250    | 91           | 6.40  | 6,250                    | 141 | 10.30        | 0.      | 191   | 14.77 | 12,500  |
| 42            | 3.10  | 10,000    | 92           | 6.50  | 0.                       | 142 | 10.40        | 17,500  | 192   | 14.80 | 10,000  |
| 43            | 3.20  | -10,000   | 93           | 6.60  | -12,500                  | 143 | 10.50        | -7,500  | 193   | 14.90 | 7,500   |
| 44            | 3.28  | -7,500    | 94           | 6.70  | -2,500                   | 144 | 10.60        | -2,500  | 194   | 15.00 | -1,250  |
| 45            | 3.30  | -10,000   | 95           | 6.80  | 10,000                   | 145 | 10.70        | -5,000  | 195   | 15.10 | -11,250 |
| 46            | 3.32  | -13,750   | 96           | 6.88  | 26,250                   | 146 | 10.80        | -2,500  | 196   | 15.20 | -7,500  |
| 47            | 3.40  | 6,250     | 97           | 6.90  | 22,500                   | 147 | 10.90        | 8,750   | 197   | 15.30 | -2,500  |
| 48            | 3.50  | 3,750     | 98           | 7.00  | -16,250                  | 148 | 11.00        | 5,000   | 198   | 15.40 | 7,500   |
| 49            | 3.57  | 17,500    | 99           | 7.10  | -28,750                  | 149 | 11.10        | 1,250   | 199   | 15.50 | 8,750   |
| 50            | 3.60  | -11,250   | 100          | 7.20  | -5,000                   | 150 | 11.20        | 1,250   | 200   | 15.55 | 11,250  |

| INDEX NO. 124 |       |         | 106-GR-15 | SOOKA BRIDGE | TR     | MAX.ACCEL.= -47,500(GAL) | T= 2.10(SEC) | NO. 2 |
|---------------|-------|---------|-----------|--------------|--------|--------------------------|--------------|-------|
| NO.           | (SEC) | (GAL)   | NO.       | (SEC)        | (GAL)  |                          |              |       |
| 201           | 15.60 | 7,500   | 251       | 20.27        | 8,750  |                          |              |       |
| 202           | 15.70 | -7,500  | 252       | 20.30        | 6,250  |                          |              |       |
| 203           | 15.72 | -12,500 | 253       | 20.40        | 1,250  |                          |              |       |
| 204           | 15.80 | -8,750  | 254       | 20.50        | -3,750 |                          |              |       |
| 205           | 15.90 | -3,750  | 255       | 20.60        | -1,250 |                          |              |       |
| 206           | 16.00 | -2,500  | 256       | 20.70        | -1,250 |                          |              |       |
| 207           | 16.10 | 7,500   | 257       | 20.80        | 5,000  |                          |              |       |
| 208           | 16.20 | 12,500  | 258       | 20.90        | 3,750  |                          |              |       |
| 209           | 16.30 | 2,500   | 259       | 21.00        | -3,750 |                          |              |       |
| 210           | 16.40 | 0.      | 260       | 21.10        | -5,000 |                          |              |       |
| 211           | 16.50 | -10,000 | 261       | 21.20        | -6,250 |                          |              |       |
| 212           | 16.60 | -8,750  | 262       | 21.30        | -5,000 |                          |              |       |
| 213           | 16.70 | 0.      | 263       | 21.40        | 2,500  |                          |              |       |
| 214           | 16.80 | 5,000   | 264       | 21.50        | 5,000  |                          |              |       |
| 215           | 16.90 | 6,250   | 265       | 21.60        | 1,250  |                          |              |       |
| 216           | 17.00 | 2,500   | 266       | 21.70        | 2,500  |                          |              |       |
| 217           | 17.10 | -2,500  | 267       | 21.80        | 5,000  |                          |              |       |
| 218           | 17.20 | 1,250   | 268       | 21.90        | -2,500 |                          |              |       |
| 219           | 17.24 | 2,500   | 269       | 22.00        | -5,000 |                          |              |       |
| 220           | 17.30 | 6,250   | 270       | 22.10        | -1,250 |                          |              |       |
| 221           | 17.33 | 7,500   | 271       | 22.20        | 0.     |                          |              |       |
| 222           | 17.40 | 2,500   | 272       | 22.30        | 1,250  |                          |              |       |
| 223           | 17.50 | 3,750   | 273       | 22.40        | -2,500 |                          |              |       |
| 224           | 17.60 | -5,000  | 274       | 22.50        | 0.     |                          |              |       |
| 225           | 17.70 | -6,250  | 275       | 22.60        | 2,500  |                          |              |       |
| 226           | 17.80 | 0.      | 276       | 22.70        | 3,750  |                          |              |       |
| 227           | 17.90 | 1,250   | 277       | 22.80        | 1,250  |                          |              |       |
| 228           | 18.00 | 5,000   | 278       | 22.90        | 0.     |                          |              |       |
| 229           | 18.10 | 3,750   | 279       | 23.00        | -5,000 |                          |              |       |
| 230           | 18.20 | 3,750   |           |              |        |                          |              |       |
| 231           | 18.30 | 3,750   |           |              |        |                          |              |       |
| 232           | 18.40 | -3,750  |           |              |        |                          |              |       |
| 233           | 18.50 | -3,750  |           |              |        |                          |              |       |
| 234           | 18.60 | -3,750  |           |              |        |                          |              |       |
| 235           | 18.70 | 0.      |           |              |        |                          |              |       |
| 236           | 18.80 | 2,500   |           |              |        |                          |              |       |
| 237           | 18.90 | 3,750   |           |              |        |                          |              |       |
| 238           | 19.00 | 3,750   |           |              |        |                          |              |       |
| 239           | 19.10 | -2,500  |           |              |        |                          |              |       |
| 240           | 19.20 | -5,000  |           |              |        |                          |              |       |
| 241           | 19.30 | -5,000  |           |              |        |                          |              |       |
| 242           | 19.40 | -3,750  |           |              |        |                          |              |       |
| 243           | 19.50 | 3,750   |           |              |        |                          |              |       |
| 244           | 19.60 | 7,500   |           |              |        |                          |              |       |
| 245           | 19.70 | 5,000   |           |              |        |                          |              |       |
| 246           | 19.80 | -1,250  |           |              |        |                          |              |       |
| 247           | 19.90 | -7,500  |           |              |        |                          |              |       |
| 248           | 20.00 | -5,000  |           |              |        |                          |              |       |
| 249           | 20.10 | -3,750  |           |              |        |                          |              |       |
| 250           | 20.20 | -5,000  |           |              |        |                          |              |       |

| INDEX NO. | 125   | 106-GR-15 | SOOKA BRIDGE | LG    | MAX.ACCEL.= | 37.630(GAL) | T= 2.35(SEC) | NO. 1   |
|-----------|-------|-----------|--------------|-------|-------------|-------------|--------------|---------|
| NO.       | (SEC) | (GAL)     | NO.          | (SEC) | (GAL)       | NO.         | (SEC)        | (GAL)   |
| 1         | 0.    | 0.130     | 51           | 3.87  | 5.130       | 101         | 7.90         | -13.630 |
| 2         | 0.10  | 1.380     | 52           | 3.90  | 2.630       | 102         | 8.00         | 0.      |
| 3         | 0.18  | -2.380    | 53           | 3.95  | 1.380       | 103         | 8.10         | -18.630 |
| 4         | 0.20  | -1.130    | 54           | 4.00  | 5.130       | 104         | 8.20         | 10.130  |
| 5         | 0.25  | 2.630     | 55           | 4.10  | 2.630       | 105         | 8.30         | 11.380  |
| 6         | 0.30  | 1.380     | 56           | 4.20  | 6.380       | 106         | 8.38         | 17.630  |
| 7         | 0.40  | 3.880     | 57           | 4.30  | -12.380     | 107         | 8.40         | 15.170  |
| 8         | 0.50  | -1.130    | 58           | 4.40  | -9.880      | 108         | 8.50         | -1.130  |
| 9         | 0.60  | 0.130     | 59           | 4.50  | 1.380       | 109         | 8.56         | -4.880  |
| 10        | 0.70  | -1.130    | 60           | 4.60  | -1.130      | 110         | 8.60         | -2.380  |
| 11        | 0.80  | 6.380     | 61           | 4.70  | 7.630       | 111         | 8.70         | -3.630  |
| 12        | 0.90  | -1.130    | 62           | 4.72  | 10.130      | 112         | 8.80         | -7.380  |
| 13        | 1.00  | -1.130    | 63           | 4.80  | 0.130       | 113         | 8.90         | -2.380  |
| 14        | 1.10  | 0.130     | 64           | 4.90  | -12.380     | 114         | 8.98         | 1.380   |
| 15        | 1.15  | -3.630    | 65           | 5.00  | -4.880      | 115         | 9.00         | 0.130   |
| 16        | 1.20  | 0.130     | 66           | 5.05  | 15.880      | 116         | 9.07         | 5.130   |
| 17        | 1.22  | 2.630     | 67           | 5.10  | 2.630       | 117         | 9.10         | -1.130  |
| 18        | 1.30  | -17.380   | 68           | 5.15  | -8.630      | 118         | 9.15         | 11.380  |
| 19        | 1.35  | -19.880   | 69           | 5.20  | -2.380      | 119         | 9.20         | 2.630   |
| 20        | 1.40  | 0.130     | 70           | 5.27  | 3.880       | 120         | 9.30         | -6.130  |
| 21        | 1.50  | 23.880    | 71           | 5.30  | -2.380      | 121         | 9.40         | -6.130  |
| 22        | 1.60  | 0.130     | 72           | 5.40  | -2.380      | 122         | 9.45         | -6.750  |
| 23        | 1.70  | 27.630    | 73           | 5.50  | -3.630      | 123         | 9.50         | -3.630  |
| 24        | 1.80  | -13.630   | 74           | 5.60  | 0.130       | 124         | 9.55         | 8.880   |
| 25        | 1.87  | -7.880    | 75           | 5.70  | 5.130       | 125         | 9.60         | 11.380  |
| 26        | 1.90  | -13.630   | 76           | 5.80  | 3.880       | 126         | 9.67         | 4.900   |
| 27        | 1.97  | -19.880   | 77           | 5.90  | -7.380      | 127         | 9.70         | 5.130   |
| 28        | 2.00  | -21.130   | 78           | 6.00  | -7.380      | 128         | 9.74         | 5.750   |
| 29        | 2.10  | -8.630    | 79           | 6.10  | -2.880      | 129         | 9.80         | -1.130  |
| 30        | 2.20  | -7.380    | 80           | 6.20  | 8.880       | 130         | 9.84         | -1.750  |
| 31        | 2.30  | 20.130    | 81           | 6.25  | 16.380      | 131         | 9.90         | -9.880  |
| 32        | 2.35  | 37.630    | 82           | 6.30  | 2.630       | 132         | 10.00        | -2.380  |
| 33        | 2.40  | 33.880    | 83           | 6.40  | 1.380       | 133         | 10.07        | 2.630   |
| 34        | 2.50  | -6.130    | 84           | 6.50  | -17.380     | 134         | 10.10        | 0.130   |
| 35        | 2.60  | -7.380    | 85           | 6.60  | -9.880      | 135         | 10.15        | -2.380  |
| 36        | 2.68  | -21.130   | 86           | 6.65  | -9.880      | 136         | 10.20        | -1.130  |
| 37        | 2.70  | -19.880   | 87           | 6.70  | 3.880       | 137         | 10.30        | 1.780   |
| 38        | 2.80  | 10.130    | 88           | 6.80  | 22.670      | 138         | 10.38        | -7.380  |
| 39        | 2.88  | 16.380    | 89           | 6.90  | -7.380      | 139         | 10.40        | -6.130  |
| 40        | 2.90  | 17.630    | 90           | 6.94  | -9.880      | 140         | 10.50        | 1.380   |
| 41        | 3.00  | -9.880    | 91           | 7.00  | -8.630      | 141         | 10.60        | 5.130   |
| 42        | 3.10  | -17.380   | 92           | 7.04  | 0.130       | 142         | 10.70        | -2.380  |
| 43        | 3.20  | -13.630   | 93           | 7.10  | -7.380      | 143         | 10.80        | -3.630  |
| 44        | 3.30  | 17.630    | 94           | 7.20  | -2.380      | 144         | 10.90        | -7.380  |
| 45        | 3.33  | 28.880    | 95           | 7.30  | 1.380       | 145         | 11.00        | -1.130  |
| 46        | 3.40  | 18.880    | 96           | 7.40  | -1.130      | 146         | 11.10        | 3.880   |
| 47        | 3.50  | 7.630     | 97           | 7.50  | -4.880      | 147         | 11.13        | 1.780   |
| 48        | 3.60  | -7.380    | 98           | 7.60  | 8.880       | 148         | 11.20        | 10.130  |
| 49        | 3.70  | -21.130   | 99           | 7.70  | 12.630      | 149         | 11.30        | -7.380  |
| 50        | 3.80  | 0.130     | 100          | 7.80  | 11.380      | 150         | 11.36        | -1.130  |

| INDEX NO. | 125   | 106-GR-15 | SOOKA BRIDGE | LG    | MAX.ACCEL.= | 37.630(GAL) | T= 2.35(SEC) | NO. 2 |
|-----------|-------|-----------|--------------|-------|-------------|-------------|--------------|-------|
| NO.       | (SEC) | (GAL)     | NO.          | (SEC) | (GAL)       |             |              |       |
| 201       | 16.00 | 5.130     | 251          | 20.90 | -2.380      |             |              |       |
| 202       | 16.10 | 0.130     | 252          | 21.00 | -3.630      |             |              |       |
| 203       | 16.20 | -1.130    | 253          | 21.10 | -1.130      |             |              |       |
| 204       | 16.30 | -4.880    | 254          | 21.20 | 2.630       |             |              |       |
| 205       | 16.40 | -3.630    | 255          | 21.30 | -1.130      |             |              |       |
| 206       | 16.50 | 0.130     | 256          | 21.40 | 1.380       |             |              |       |
| 207       | 16.60 | 1.380     | 257          | 21.50 | -2.500      |             |              |       |
| 208       | 16.70 | 2.630     | 258          | 21.60 | -0.130      |             |              |       |
| 209       | 16.80 | 3.880     | 259          | 21.70 | 1.380       |             |              |       |
| 210       | 16.90 | 0.130     | 260          | 21.80 | 1.380       |             |              |       |
| 211       | 17.00 | -2.380    | 261          | 21.90 | 2.630       |             |              |       |
| 212       | 17.10 | -4.880    | 262          | 22.00 | 0.130       |             |              |       |
| 213       | 17.20 | -1.130    | 263          | 22.10 | -2.380      |             |              |       |
| 214       | 17.30 | 3.880     | 264          | 22.20 | -3.630      |             |              |       |
| 215       | 17.40 | 1.380     | 265          | 22.30 | 0.130       |             |              |       |
| 216       | 17.50 | 1.380     | 266          | 22.40 | -3.630      |             |              |       |
| 217       | 17.60 | 2.630     | 267          | 22.50 | -2.380      |             |              |       |
| 218       | 17.70 | 0.130     | 268          | 22.60 | 1.380       |             |              |       |
| 219       | 17.80 | -1.380    | 269          | 22.70 | 1.380       |             |              |       |
| 220       | 17.90 | -4.880    | 270          | 22.80 | 0.130       |             |              |       |
| 221       | 18.00 | -2.380    | 271          | 22.90 | -1.130      |             |              |       |
| 222       | 18.10 | 6.380     | 272          | 23.00 | 0.130       |             |              |       |
| 223       | 18.20 | 6.380     |              |       |             |             |              |       |
| 224       | 18.30 | 1.380     |              |       |             |             |              |       |
| 225       | 18.40 | -2.380    |              |       |             |             |              |       |
| 226       | 18.50 | -1.130    |              |       |             |             |              |       |
| 227       | 18.60 | -2.380    |              |       |             |             |              |       |
| 228       | 18.70 | 0.130     |              |       |             |             |              |       |
| 229       | 18.80 | -2.380    |              |       |             |             |              |       |
| 230       | 18.90 | 1.380     |              |       |             |             |              |       |
| 231       | 18.97 | 7.630     |              |       |             |             |              |       |
| 232       | 19.00 | 6.380     |              |       |             |             |              |       |
| 233       | 19.10 | 1.380     |              |       |             |             |              |       |
| 234       | 19.20 | -3.630    |              |       |             |             |              |       |
| 235       | 19.28 | 0.130     |              |       |             |             |              |       |
| 236       | 19.30 | -1.130    |              |       |             |             |              |       |
| 237       | 19.40 | 1.380     |              |       |             |             |              |       |
| 238       | 19.50 | 7.630     |              |       |             |             |              |       |
| 239       | 19.60 | 2.630     |              |       |             |             |              |       |
| 240       | 19.70 | -1.130    |              |       |             |             |              |       |
| 241       | 19.80 | -7.380    |              |       |             |             |              |       |
| 242       | 19.90 | -6.130    |              |       |             |             |              |       |
| 243       | 20.10 | -1.130    |              |       |             |             |              |       |
| 244       | 20.20 | 3.880     |              |       |             |             |              |       |
| 245       | 20.30 | 6.380     |              |       |             |             |              |       |
| 246       | 20.40 | -1.130    |              |       |             |             |              |       |
| 247       | 20.50 | 0.500     |              |       |             |             |              |       |
| 248       | 20.60 | 1.380     |              |       |             |             |              |       |
| 249       | 20.70 | 3.880     |              |       |             |             |              |       |
| 250       | 20.80 | -1.130    |              |       |             |             |              |       |

| INDEX NO. 126 |       | 112-GR-8 | KINOKAWA BRIDGE TR |       | MAX.ACCEL.= -71,630(GAL) |     | T= 0.72(SEC) |         | NO. 1 |       |        |
|---------------|-------|----------|--------------------|-------|--------------------------|-----|--------------|---------|-------|-------|--------|
| NO.           | (SEC) | (GAL)    | NO.                | (SEC) | (GAL)                    | NO. | (SEC)        | (GAL)   | NO.   | (SEC) | (GAL)  |
| 1             | 0.    | -12,880  | 51                 | 2.50  | -12,880                  | 101 | 5.63         | -2,880  |       |       |        |
| 2             | 0.08  | 9,630    | 52                 | 2.55  | -12,880                  | 102 | 5.70         | -0,380  |       |       |        |
| 3             | 0.10  | -15,380  | 53                 | 2.60  | 3,380                    | 103 | 5.75         | 13,380  |       |       |        |
| 4             | 0.18  | -55,380  | 54                 | 2.64  | 15,880                   | 104 | 5.80         | 3,380   |       |       |        |
| 5             | 0.20  | -27,880  | 55                 | 2.70  | 0,880                    | 105 | 5.85         | -2,880  |       |       |        |
| 6             | 0.23  | 13,380   | 56                 | 2.72  | -0,380                   | 106 | 5.90         | 2,130   |       |       |        |
| 7             | 0.30  | -21,630  | 57                 | 2.80  | 22,750                   | 107 | 5.93         | 3,380   |       |       |        |
| 8             | 0.38  | 48,380   | 58                 | 2.90  | -9,130                   | 108 | 6.00         | -6,630  |       |       |        |
| 9             | 0.40  | 15,880   | 59                 | 2.92  | -15,380                  | 109 | 6.02         | -6,630  |       |       |        |
| 10            | 0.45  | -17,880  | 60                 | 3.00  | 9,630                    | 110 | 6.10         | 3,380   |       |       |        |
| 11            | 0.50  | 22,130   | 61                 | 3.03  | 22,130                   | 111 | 6.14         | 7,130   |       |       |        |
| 12            | 0.52  | 22,130   | 62                 | 3.10  | -27,880                  | 112 | 6.20         | 2,130   |       |       |        |
| 13            | 0.58  | 30,880   | 63                 | 3.12  | -32,880                  | 113 | 6.30         | -0,380  |       |       |        |
| 14            | 0.60  | 38,380   | 64                 | 3.20  | -2,880                   | 114 | 6.40         | -2,880  |       |       |        |
| 15            | 0.62  | 65,880   | 65                 | 3.23  | 22,130                   | 115 | 6.47         | 9,630   |       |       |        |
| 16            | 0.70  | -59,130  | 66                 | 3.30  | -21,630                  | 116 | 6.50         | 9,630   |       |       |        |
| 17            | 0.72  | -71,630  | 67                 | 3.32  | -25,380                  | 117 | 6.60         | 9,630   |       |       |        |
| 18            | 0.80  | -2,880   | 68                 | 3.40  | -2,880                   | 118 | 6.70         | -1,788  |       |       |        |
| 19            | 0.83  | 22,130   | 69                 | 3.43  | 12,130                   | 119 | 6.72         | -19,130 |       |       |        |
| 20            | 0.84  | 22,130   | 70                 | 3.50  | -9,130                   | 120 | 6.80         | -2,880  |       |       |        |
| 21            | 0.90  | -40,380  | 71                 | 3.52  | -11,630                  | 121 | 6.82         | 0,880   |       |       |        |
| 22            | 0.94  | -9,630   | 72                 | 3.60  | -2,880                   | 122 | 6.90         | -2,880  |       |       |        |
| 23            | 0.97  | -2,880   | 73                 | 3.64  | 19,630                   | 123 | 7.00         | 4,630   |       |       |        |
| 24            | 1.00  | -9,130   | 74                 | 3.70  | 9,630                    | 124 | 7.10         | -2,880  |       |       |        |
| 25            | 1.02  | -2,880   | 75                 | 3.73  | -0,380                   | 125 | 7.15         | 3,380   |       |       |        |
| 26            | 1.08  | -15,380  | 76                 | 3.80  | 4,630                    | 126 | 7.20         | 3,380   |       |       |        |
| 27            | 1.10  | -11,630  | 77                 | 3.85  | 9,630                    | 127 | 7.25         | 3,380   |       |       |        |
| 28            | 1.13  | -9,130   | 78                 | 3.90  | 9,630                    | 128 | 7.30         | 9,630   |       |       |        |
| 29            | 1.17  | -22,880  | 79                 | 4.00  | -5,380                   | 129 | 7.32         | 2,630   |       |       |        |
| 30            | 1.20  | -15,380  | 80                 | 4.10  | -7,880                   | 130 | 7.40         | -2,630  |       |       |        |
| 31            | 1.24  | -12,880  | 81                 | 4.20  | -2,880                   | 131 | 7.45         | -2,880  |       |       |        |
| 32            | 1.30  | 34,630   | 82                 | 4.27  | -5,380                   | 132 | 7.50         | -2,880  |       |       |        |
| 33            | 1.34  | 53,380   | 83                 | 4.30  | -2,880                   | 133 | 7.53         | 0,880   |       |       |        |
| 34            | 1.40  | 15,880   | 84                 | 4.40  | 12,130                   | 134 | 7.60         | -0,380  |       |       |        |
| 35            | 1.50  | -40,380  | 85                 | 4.47  | 5,880                    | 135 | 7.70         | -0,380  |       |       |        |
| 36            | 1.57  | 22,130   | 86                 | 4.50  | 7,130                    | 136 | 7.80         | -5,380  |       |       |        |
| 37            | 1.60  | 3,380    | 87                 | 4.56  | 9,630                    | 137 | 7.90         | -0,380  |       |       |        |
| 38            | 1.70  | -40,380  | 88                 | 4.60  | -0,288                   | 138 | 8.00         | 0,880   |       |       |        |
| 39            | 1.80  | 35,880   | 89                 | 4.70  | -15,380                  |     |              |         |       |       |        |
| 40            | 1.90  | -12,880  | 90                 | 4.80  | -0,380                   |     |              |         |       |       |        |
| 41            | 1.93  | -12,880  | 91                 | 4.90  | -5,380                   |     |              |         |       |       |        |
| 42            | 2.00  | 9,630    | 92                 | 5.00  | 14,630                   |     |              |         |       |       |        |
| 43            | 2.02  | 17,130   | 93                 | 5.10  | 0,880                    |     |              |         |       |       |        |
| 44            | 2.10  | -15,380  | 94                 | 5.18  | 4,630                    |     |              |         |       |       |        |
| 45            | 2.15  | -7,880   | 95                 | 5.20  | 5,880                    |     |              |         |       |       |        |
| 46            | 2.20  | 22,130   | 96                 | 5.30  | 2,130                    |     |              |         |       |       |        |
| 47            | 2.24  | 22,130   | 97                 | 5.40  | -6,630                   |     |              |         |       |       |        |
| 48            | 2.30  | -2,880   | 98                 | 5.42  | -5,380                   |     |              |         |       |       |        |
| 49            | 2.35  | -17,880  | 99                 | 5.50  | -2,880                   |     |              |         |       |       |        |
| 50            | 2.40  | -15,380  | 100                | 5.60  | -0,380                   |     |              |         |       |       |        |
|               |       |          |                    |       |                          |     |              |         |       |       |        |
| INDEX NO. 204 |       | 112-GR-8 | KINOKAWA BRIDGE LG |       | MAX.ACCEL.= 79,630(GAL)  |     | T= 0.54(SEC) |         | NO. 1 |       |        |
| NO.           | (SEC) | (GAL)    | NO.                | (SEC) | (GAL)                    | NO. | (SEC)        | (GAL)   | NO.   | (SEC) | (GAL)  |
| 1             | 0.    | 8,380    | 51                 | 2.25  | 33,380                   | 101 | 4.76         | -11,630 | 151   | 7.60  | 1,500  |
| 2             | 0.05  | -2,250   | 52                 | 2.30  | 14,630                   | 102 | 4.80         | -10,380 | 152   | 7.67  | -1,630 |
| 3             | 0.10  | -8,500   | 53                 | 2.35  | -5,380                   | 103 | 4.84         | -4,130  | 153   | 7.70  | 0,880  |
| 4             | 0.15  | 14,630   | 54                 | 2.40  | 3,380                    | 104 | 4.90         | -2,880  | 154   | 7.75  | 4,630  |
| 5             | 0.20  | 0,880    | 55                 | 2.42  | 12,130                   | 105 | 4.93         | -1,630  | 155   | 7.80  | 0,880  |
| 6             | 0.28  | -50,380  | 56                 | 2.46  | 12,130                   | 106 | 4.98         | 10,250  | 156   | 7.90  | -5,380 |
| 7             | 0.30  | -4,213   | 57                 | 2.48  | 14,630                   | 107 | 5.00         | 9,630   | 157   | 8.00  | -4,130 |
| 8             | 0.35  | -5,380   | 58                 | 2.50  | 10,880                   | 108 | 5.06         | -0,380  | 158   | 8.10  | -7,880 |
| 9             | 0.40  | -35,000  | 59                 | 2.57  | -41,630                  | 109 | 5.10         | 3,380   | 159   | 8.20  | 2,130  |
| 10            | 0.46  | -41,630  | 60                 | 2.60  | -39,130                  | 110 | 5.14         | 8,380   | 160   | 8.30  | 2,750  |
| 11            | 0.50  | -22,880  | 61                 | 2.69  | 28,880                   | 111 | 5.20         | -0,380  | 161   | 8.40  | -0,380 |
| 12            | 0.54  | 79,630   | 62                 | 2.70  | 20,380                   | 112 | 5.25         | 3,380   | 162   | 8.50  | -1,630 |
| 13            | 0.57  | 27,130   | 63                 | 2.78  | -32,880                  | 113 | 5.30         | 0,880   | 163   | 8.60  | -1,630 |
| 14            | 0.60  | 20,880   | 64                 | 2.80  | -29,130                  | 114 | 5.40         | 2,130   | 164   | 8.70  | -0,380 |
| 15            | 0.63  | 0,250    | 65                 | 2.86  | 27,130                   | 115 | 5.50         | -1,630  | 165   | 8.80  | -2,750 |
| 16            | 0.65  | 5,250    | 66                 | 2.90  | 12,130                   | 116 | 5.54         | -2,880  | 166   | 8.90  | -2,880 |
| 17            | 0.68  | -5,380   | 67                 | 2.95  | -9,130                   | 117 | 5.60         | 0,880   | 167   | 9.08  | -0,380 |
| 18            | 0.70  | 2,130    | 68                 | 3.00  | 5,880                    | 118 | 5.67         | 3,380   | 168   | 9.00  | -1,630 |
| 19            | 0.75  | 52,130   | 69                 | 3.05  | 18,380                   | 119 | 5.70         | -0,380  |       |       |        |
| 20            | 0.78  | -5,380   | 70                 | 3.10  | 13,380                   | 120 | 5.75         | -4,130  |       |       |        |
| 21            | 0.80  | -0,413   | 71                 | 3.15  | -2,880                   | 121 | 5.80         | -2,880  |       |       |        |
| 22            | 0.88  | -35,380  | 72                 | 3.20  | 8,380                    | 122 | 5.90         | 2,130   |       |       |        |
| 23            | 0.90  | -22,880  | 73                 | 3.24  | 12,130                   | 123 | 5.95         | -4,130  |       |       |        |
| 24            | 0.93  | 14,630   | 74                 | 3.30  | -4,130                   | 124 | 6.00         | 2,130   |       |       |        |
| 25            | 0.96  | -12,880  | 75                 | 3.35  | -10,380                  | 125 | 6.05         | 4,630   |       |       |        |
| 26            | 1.00  | -12,880  | 76                 | 3.38  | -8,500                   | 126 | 6.10         | -2,880  |       |       |        |
| 27            | 1.04  | -32,880  | 77                 | 3.40  | -12,880                  | 127 | 6.20         | 2,130   |       |       |        |
| 28            | 1.10  | 20,880   | 78                 | 3.45  | -21,630                  | 128 | 6.27         | -6,630  |       |       |        |
| 29            | 1.20  | -45,380  | 79                 | 3.50  | -4,130                   | 129 | 6.30         | -4,130  |       |       |        |
| 30            | 1.30  | 32,130   | 80                 | 3.55  | 12,130                   | 130 | 6.38         | 7,130   |       |       |        |
| 31            | 1.35  | 13,380   | 81                 | 3.60  | 3,380                    | 131 | 6.40         | 4,630   |       |       |        |
| 32            | 1.40  | 8,380    | 82                 | 3.66  | 19,630                   | 132 | 6.50         | -1,630  |       |       |        |
| 33            | 1.43  | -0,380   | 83                 | 3.70  | 10,880                   | 133 | 6.55         | 2,130   |       |       |        |
| 34            | 1.47  | 10,880   | 84                 | 3.75  | -0,380                   | 134 | 6.60         | -2,880  |       |       |        |
| 35            | 1.50  | 17,130   | 85                 | 3.80  | 0,880                    | 135 | 6.65         | -10,380 |       |       |        |
| 36            | 1.53  | 17,130   | 86                 | 3.90  | -0,380                   | 136 | 6.70         | -4,130  |       |       |        |
| 37            | 1.55  | 27,130   | 87                 | 3.94  | 4,630                    | 137 | 6.75         | 3,380   |       |       |        |
| 38            | 1.60  | -10,880  | 88                 | 4.00  | 0,880                    | 138 | 6.80         | -2,880  |       |       |        |
| 39            | 1.68  | 27,130   | 89                 | 4.05  | -6,630                   | 139 | 6.85         | -7,880  |       |       |        |
| 40            | 1.70  | 20,880   | 90                 | 4.10  | -7,880                   | 140 | 6.90         | 3,380   |       |       |        |
| 41            | 1.77  | -26,630  | 91                 | 4.17  | -9,130                   | 141 | 7.00         | 0,880   |       |       |        |
| 42            | 1.80  | -20,380  | 92                 | 4.20  | -6,000                   | 142 | 7.03         | -0,380  |       |       |        |
| 43            | 1.84  | -1,630   | 93                 | 4.25  | 0,880                    | 143 | 7.10         | 4,630   |       |       |        |
| 44            | 1.90  | -22,880  | 94                 | 4.30  | -0,380                   | 144 | 7.16         | 1,630   |       |       |        |
| 45            | 1.98  | 7,130    | 95                 | 4.40  | 14,630                   | 145 | 7.20         | 0,380   |       |       |        |
| 46            | 2.00  | -0,380   | 96                 | 4.50  | 2,130                    | 146 | 7.25         | 2,130   |       |       |        |
| 47            | 2.03  | -2,880   | 97                 | 4.58  | 8,380                    | 147 | 7.30         | 1,630   |       |       |        |
| 48            | 2.07  | -1,630   | 98                 | 4.60  | -0,380                   | 148 | 7.40         | -5,380  |       |       |        |
| 49            | 2.10  | -3,500   | 99                 | 4.64  | -9,130                   | 149 | 7.45         | 3,380   |       |       |        |
| 50            | 2.20  | 22,130   | 100                | 4.70  | -0,380                   | 150 | 7.50         | 0,880   |       |       |        |

| INDEX NO. | 213   | 306-GR-1 | MYOKEN BRIDGE | TR    | MAX.ACCEL. = -33.380(GAL) | T=15.70(SEC) | NO. 1 |         |
|-----------|-------|----------|---------------|-------|---------------------------|--------------|-------|---------|
| NO.       | (SEC) | (GAL)    | NO.           | (SEC) | (GAL)                     | NO.          | (SEC) | (GAL)   |
| 1         | 0.    | 4.130    | 51            | 4.90  | -5.880                    | 101          | 9.60  | -5.880  |
| 2         | 0.10  | 2.880    | 52            | 5.00  | -0.880                    | 102          | 9.70  | -13.380 |
| 3         | 0.20  | -5.880   | 53            | 5.10  | 9.130                     | 103          | 9.80  | -10.480 |
| 4         | 0.30  | -8.380   | 54            | 5.20  | 19.130                    | 104          | 9.90  | -3.380  |
| 5         | 0.40  | -5.880   | 55            | 5.30  | 20.380                    | 105          | 10.00 | 6.430   |
| 6         | 0.50  | -3.380   | 56            | 5.40  | 17.880                    | 106          | 10.10 | 12.880  |
| 7         | 0.60  | -2.130   | 57            | 5.50  | 12.880                    | 107          | 10.20 | 19.130  |
| 8         | 0.70  | -5.880   | 58            | 5.60  | 4.130                     | 108          | 10.30 | 29.130  |
| 9         | 0.80  | -9.630   | 59            | 5.70  | -3.380                    | 109          | 10.40 | 24.130  |
| 10        | 0.85  | -12.130  | 60            | 5.80  | -12.130                   | 110          | 10.50 | 9.130   |
| 11        | 0.90  | -9.630   | 61            | 5.88  | -14.630                   | 111          | 10.60 | -5.880  |
| 12        | 1.00  | -5.880   | 62            | 5.90  | -12.130                   | 112          | 10.70 | -14.630 |
| 13        | 1.10  | -3.380   | 63            | 6.00  | -9.630                    | 113          | 10.80 | -18.380 |
| 14        | 1.20  | -3.380   | 64            | 6.10  | -8.380                    | 114          | 10.90 | -15.880 |
| 15        | 1.30  | -2.130   | 65            | 6.14  | -5.880                    | 115          | 11.00 | -10.880 |
| 16        | 1.40  | -0.880   | 66            | 6.20  | -8.380                    | 116          | 11.10 | -8.380  |
| 17        | 1.50  | -2.130   | 67            | 6.30  | -12.130                   | 117          | 11.20 | 1.630   |
| 18        | 1.60  | -4.630   | 68            | 6.40  | -13.380                   | 118          | 11.30 | 9.130   |
| 19        | 1.70  | -5.880   | 69            | 6.50  | -8.380                    | 119          | 11.40 | 9.130   |
| 20        | 1.80  | -7.130   | 70            | 6.60  | -5.880                    | 120          | 11.50 | 4.130   |
| 21        | 1.90  | -2.130   | 71            | 6.70  | 2.880                     | 121          | 11.60 | -5.880  |
| 22        | 2.00  | -0.880   | 72            | 6.80  | 6.630                     | 122          | 11.70 | -5.880  |
| 23        | 2.10  | -2.130   | 73            | 6.86  | 11.630                    | 123          | 11.80 | -3.380  |
| 24        | 2.20  | -2.130   | 74            | 6.90  | 16.630                    | 124          | 11.90 | 4.130   |
| 25        | 2.30  | 0.880    | 75            | 7.00  | 21.630                    | 125          | 12.00 | 6.630   |
| 26        | 2.40  | -0.880   | 76            | 7.10  | 25.380                    | 126          | 12.10 | 12.630  |
| 27        | 2.50  | -2.130   | 77            | 7.20  | 21.630                    | 127          | 12.20 | 29.130  |
| 28        | 2.60  | -3.380   | 78            | 7.30  | 16.630                    | 128          | 12.30 | 21.630  |
| 29        | 2.70  | -5.880   | 79            | 7.40  | 4.130                     | 129          | 12.40 | 12.880  |
| 30        | 2.80  | -5.880   | 80            | 7.50  | -7.130                    | 130          | 12.50 | -5.880  |
| 31        | 2.90  | -3.380   | 81            | 7.60  | -18.380                   | 131          | 12.60 | -18.380 |
| 32        | 3.00  | -2.130   | 82            | 7.70  | -23.380                   | 132          | 12.70 | -20.880 |
| 33        | 3.10  | -0.880   | 83            | 7.80  | -25.880                   | 133          | 12.80 | -22.130 |
| 34        | 3.20  | -2.130   | 84            | 7.90  | -20.880                   | 134          | 12.90 | -23.380 |
| 35        | 3.30  | -3.380   | 85            | 8.00  | -5.880                    | 135          | 13.00 | -10.880 |
| 36        | 3.40  | -3.380   | 86            | 8.10  | 4.130                     | 136          | 13.10 | 19.130  |
| 37        | 3.50  | 0.380    | 87            | 8.20  | 9.130                     | 137          | 13.20 | 29.130  |
| 38        | 3.60  | 1.630    | 88            | 8.30  | 21.630                    | 138          | 13.30 | 25.380  |
| 39        | 3.70  | 2.880    | 89            | 8.40  | 29.130                    | 139          | 13.40 | 19.130  |
| 40        | 3.80  | 1.630    | 90            | 8.50  | 16.630                    | 140          | 13.50 | 16.630  |
| 41        | 3.90  | 1.630    | 91            | 8.60  | 5.380                     | 141          | 13.60 | 9.130   |
| 42        | 4.00  | 2.880    | 92            | 8.70  | -5.880                    | 142          | 13.70 | 4.130   |
| 43        | 4.10  | 5.380    | 93            | 8.80  | -5.880                    | 143          | 13.80 | -12.130 |
| 44        | 4.20  | -3.380   | 94            | 8.90  | -5.880                    | 144          | 13.90 | -12.130 |
| 45        | 4.30  | -4.630   | 95            | 9.00  | -3.380                    | 145          | 13.93 | -13.380 |
| 46        | 4.40  | -0.880   | 96            | 9.10  | -5.880                    | 146          | 14.00 | -5.880  |
| 47        | 4.50  | -12.130  | 97            | 9.20  | -3.380                    | 147          | 14.10 | 4.130   |
| 48        | 4.60  | -13.380  | 98            | 9.30  | 6.630                     | 148          | 14.20 | 6.630   |
| 49        | 4.70  | -12.130  | 99            | 9.40  | 12.880                    | 149          | 14.30 | 4.130   |
| 50        | 4.80  | -12.130  | 100           | 9.50  | 4.130                     | 150          | 14.40 | -3.380  |
| 151       | 14.50 | -10.880  | 151           | 14.50 | -10.880                   | 151          | 14.50 | -10.880 |
| 152       | 14.60 | -15.880  | 152           | 14.60 | -15.880                   | 152          | 14.60 | -15.880 |
| 153       | 14.70 | -10.880  | 153           | 14.70 | -10.880                   | 153          | 14.70 | -10.880 |
| 154       | 14.80 | -3.380   | 154           | 14.80 | -3.380                    | 154          | 14.80 | -3.380  |
| 155       | 14.90 | 6.630    | 155           | 14.90 | 6.630                     | 155          | 14.90 | 6.630   |
| 156       | 15.00 | 20.380   | 156           | 15.00 | 20.380                    | 156          | 15.00 | 20.380  |
| 157       | 15.10 | 29.130   | 157           | 15.10 | 29.130                    | 157          | 15.10 | 29.130  |
| 158       | 15.20 | 31.630   | 158           | 15.20 | 31.630                    | 158          | 15.20 | 31.630  |
| 159       | 15.30 | 29.130   | 159           | 15.30 | 29.130                    | 159          | 15.30 | 29.130  |
| 160       | 15.40 | 20.380   | 160           | 15.40 | 20.380                    | 160          | 15.40 | 20.380  |
| 161       | 15.50 | 6.630    | 161           | 15.50 | 6.630                     | 161          | 15.50 | 6.630   |
| 162       | 15.60 | -20.880  | 162           | 15.60 | -20.880                   | 162          | 15.60 | -20.880 |
| 163       | 15.70 | -33.380  | 163           | 15.70 | -33.380                   | 163          | 15.70 | -33.380 |
| 164       | 15.80 | -30.880  | 164           | 15.80 | -30.880                   | 164          | 15.80 | -30.880 |
| 165       | 15.90 | -25.880  | 165           | 15.90 | -25.880                   | 165          | 15.90 | -25.880 |
| 166       | 16.00 | -13.380  | 166           | 16.00 | -13.380                   | 166          | 16.00 | -13.380 |
| 167       | 16.10 | -5.880   | 167           | 16.10 | -5.880                    | 167          | 16.10 | -5.880  |
| 168       | 16.20 | 6.630    | 168           | 16.20 | 6.630                     | 168          | 16.20 | 6.630   |
| 169       | 16.30 | 29.130   | 169           | 16.30 | 29.130                    | 169          | 16.30 | 29.130  |
| 170       | 16.40 | 31.630   | 170           | 16.40 | 31.630                    | 170          | 16.40 | 31.630  |
| 171       | 16.50 | 24.130   | 171           | 16.50 | 24.130                    | 171          | 16.50 | 24.130  |
| 172       | 16.60 | 16.630   | 172           | 16.60 | 16.630                    | 172          | 16.60 | 16.630  |
| 173       | 16.70 | 11.630   | 173           | 16.70 | 11.630                    | 173          | 16.70 | 11.630  |
| 174       | 16.80 | 4.130    | 174           | 16.80 | 4.130                     | 174          | 16.80 | 4.130   |
| 175       | 16.90 | -7.130   | 175           | 16.90 | -7.130                    | 175          | 16.90 | -7.130  |
| 176       | 17.00 | -18.380  | 176           | 17.00 | -18.380                   | 176          | 17.00 | -18.380 |
| 177       | 17.10 | -20.880  | 177           | 17.10 | -20.880                   | 177          | 17.10 | -20.880 |
| 178       | 17.20 | -18.380  | 178           | 17.20 | -18.380                   | 178          | 17.20 | -18.380 |
| 179       | 17.30 | -7.130   | 179           | 17.30 | -7.130                    | 179          | 17.30 | -7.130  |
| 180       | 17.40 | -3.380   | 180           | 17.40 | -3.380                    | 180          | 17.40 | -3.380  |
| 181       | 17.50 | -5.880   | 181           | 17.50 | -5.880                    | 181          | 17.50 | -5.880  |
| 182       | 17.60 | 6.630    | 182           | 17.60 | 6.630                     | 182          | 17.60 | 6.630   |
| 183       | 17.70 | 19.130   | 183           | 17.70 | 19.130                    | 183          | 17.70 | 19.130  |
| 184       | 17.80 | 24.130   | 184           | 17.80 | 24.130                    | 184          | 17.80 | 24.130  |
| 185       | 17.90 | 16.630   | 185           | 17.90 | 16.630                    | 185          | 17.90 | 16.630  |
| 186       | 18.00 | 16.630   | 186           | 18.00 | 16.630                    | 186          | 18.00 | 16.630  |
| 187       | 18.10 | 9.130    | 187           | 18.10 | 9.130                     | 187          | 18.10 | 9.130   |
| 188       | 18.20 | 5.380    | 188           | 18.20 | 5.380                     | 188          | 18.20 | 5.380   |
| 189       | 18.30 | -12.130  | 189           | 18.30 | -12.130                   | 189          | 18.30 | -12.130 |
| 190       | 18.40 | -15.880  | 190           | 18.40 | -15.880                   | 190          | 18.40 | -15.880 |
| 191       | 18.50 | -18.380  | 191           | 18.50 | -18.380                   | 191          | 18.50 | -18.380 |
| 192       | 18.60 | -9.630   | 192           | 18.60 | -9.630                    | 192          | 18.60 | -9.630  |
| 193       | 18.70 | -5.880   | 193           | 18.70 | -5.880                    | 193          | 18.70 | -5.880  |
| 194       | 18.80 | -3.380   | 194           | 18.80 | -3.380                    | 194          | 18.80 | -3.380  |
| 195       | 18.90 | -3.380   | 195           | 18.90 | -3.380                    | 195          | 18.90 | -3.380  |
| 196       | 19.00 | 2.880    | 196           | 19.00 | 2.880                     | 196          | 19.00 | 2.880   |
| 197       | 19.10 | 5.380    | 197           | 19.10 | 5.380                     | 197          | 19.10 | 5.380   |
| 198       | 19.20 | 14.130   | 198           | 19.20 | 14.130                    | 198          | 19.20 | 14.130  |
| 199       | 19.30 | 16.630   | 199           | 19.30 | 16.630                    | 199          | 19.30 | 16.630  |
| 200       | 19.40 | 19.130   | 200           | 19.40 | 19.130                    | 200          | 19.40 | 19.130  |

| INDEX NO. | 213   | 306-GR-1 | MYOKEN BRIDGE | TR    | MAX.ACCEL. = -33.380(GAL) | T=15.70(SEC) | NO. 2 |         |
|-----------|-------|----------|---------------|-------|---------------------------|--------------|-------|---------|
| NO.       | (SEC) | (GAL)    | NO.           | (SEC) | (GAL)                     | NO.          | (SEC) | (GAL)   |
| 201       | 19.50 | 17.880   | 251           | 24.50 | -7.130                    | 301          | 29.40 | 19.130  |
| 202       | 19.60 | 11.630   | 252           | 24.60 | -18.380                   | 302          | 29.50 | 16.630  |
| 203       | 19.70 | -5.880   | 253           | 24.70 | -25.880                   | 303          | 29.60 | 11.630  |
| 204       | 19.80 | -8.380   | 254           | 24.80 | -28.380                   | 304          | 29.70 | 4.130   |
| 205       | 19.90 | -13.380  | 255           | 24.90 | -24.630                   | 305          | 29.80 | 12.130  |
| 206       | 20.00 | -8.380   | 256           | 25.00 | -14.630                   | 306          | 29.90 | 27.130  |
| 207       | 20.10 | -5.880   | 257           | 25.10 | -3.380                    | 307          | 30.00 | 32.130  |
| 208       | 20.20 | -4.630   | 258           | 25.20 | 9.130                     | 308          | 30.10 | 29.630  |
| 209       | 20.30 | 0.380    | 259           | 25.30 | 19.130                    | 309          | 30.20 | -19.630 |
| 210       | 20.40 | 11.630   | 260           | 25.40 | 32.880                    | 310          | 30.30 | -7.130  |
| 211       | 20.50 | 9.130    | 261           | 25.50 | 29.130                    | 311          | 30.40 | 5.380   |
| 212       | 20.60 | 6.630    | 262           | 25.60 | 19.130                    | 312          | 30.50 | 14.130  |
| 213       | 20.70 | 4.130    | 263           | 25.70 | -5.880                    | 313          | 30.60 | 22.880  |
| 214       | 20.80 | 2.880    | 264           | 25.80 | -20.880                   | 314          | 30.70 | 21.630  |
| 215       | 20.90 | 5.380    | 265           | 25.90 | 26.380                    | 315          | 30.80 | 17.880  |
| 216       | 21.00 | 10.380   | 266           | 26.00 | 27.130                    | 316          | 30.90 | 9.130   |
| 217       | 21.10 | 11.630   | 267           | 26.10 | 24.630                    | 317          | 31.00 | 0.880   |
| 218       | 21.20 | 11.630   | 268           | 26.20 | 17.130                    | 318          | 31.10 | 7.130   |
| 219       | 21.30 | 9.130    | 269           | 26.30 | 8.380                     | 319          | 31.20 | 9.630   |
| 220       | 21.40 | 6.630    | 270           | 26.40 | 0.380                     | 320          | 31.30 | 8.380   |
| 221       | 21.50 | 4.130    | 271           | 26.50 | 19.130                    | 321          | 31.40 | 5.880   |
| 222       | 21.60 | -7.130   | 272           | 26.60 | 25.380                    | 322          | 31.50 | 4.630   |
| 223       | 21.70 | -17.130  | 273           | 26.70 | 21.630                    | 323          | 31.60 | 2.130   |
| 224       | 21.80 | -14.630  | 274           | 26.80 | 19.130                    | 324          | 31.70 | 5.380   |
| 225       | 21.90 | -8.380   | 275           | 26.90 | 5.380                     | 325          | 31.80 | 7.880   |
| 226       | 22.00 | -7.130   | 276           | 27.00 | 7.130                     | 326          | 31.90 | 27.630  |
| 227       | 22.10 | -3.380   | 277           | 27.10 | 12.130                    | 327          | 32.00 | 1.630   |
| 228       | 22.20 | 6.630    | 278           | 27.20 | 17.130                    | 328          | 32.10 | 2.130   |
| 229       | 22.30 | 9.130    | 279           | 27.30 | 18.380                    | 329          | 32.20 | 3.380   |
| 230       | 22.40 | 6.630    | 280           | 27.35 | 19.630                    | 330          | 32.30 | 3.380   |
| 231       | 22.50 | 5.380    | 281           | 27.40 | 17.130                    | 331          | 32.40 | 0.380   |
| 232       | 22.60 | 5.380    | 282           | 27.50 | 5.880                     | 332          | 32.50 | 0.380   |
| 233       | 22.70 | 6.630    | 283           | 27.60 | 5.380                     | 333          | 32.60 | 3.380   |
| 234       | 22.80 | 5.380    | 284           | 27.70 | 12.880                    | 334          | 32.70 | 4.630   |
| 235       | 22.90 | 4.130    | 285           | 27.80 | 15.380                    | 335          | 32.80 | 3.380   |
| 236       | 23.00 | 1.630    | 286           | 27.90 | 10.380                    | 336          | 32.90 | 2.130   |
| 237       | 23.10 | -3.380   | 287           | 28.00 | 5.380                     | 337          | 33.00 | 2.130   |
| 238       | 23.20 | -8.380   | 288           | 28.10 | 2.880                     | 338          | 33.10 | 3.380   |
| 239       | 23.30 | -1.463   | 289           | 28.20 | 0.380                     | 339          | 33.20 | 0.380   |
| 240       | 23.40 | -10.880  | 290           | 28.30 | 0.880                     | 340          | 33.30 | 5.380   |
| 241       | 23.50 | -8.380   | 291           | 28.40 | 3.380                     | 341          | 33.40 | 9.130   |
| 242       | 23.60 | -4.630   | 292           | 28.50 | 8.380                     | 342          | 33.50 | 7.880   |
| 243       | 23.70 | 6.630    | 293           | 28.60 | 12.130                    | 343          | 33.60 | 4.130   |
| 244       | 23.80 | 11.630   | 294           | 28.70 | 15.880                    | 344          | 33.70 | 9.630   |
| 245       | 23.90 | 17.880   | 295           | 28.80 | 15.880                    | 345          | 33.80 | 15.880  |
| 246       | 24.00 | 20.380   | 296           | 28.90 | 14.630                    | 346          | 33.90 | 19.630  |
| 247       | 24.10 | 19.130   | 297           | 29.00 | 5.880                     | 347          | 34.00 | 20.380  |
| 248       | 24.20 | 17.880   | 298           | 29.10 | 9.130                     |              |       |         |
| 249       | 24.30 | 12.880   | 299           | 29.20 | 16.630                    |              |       |         |
| 250       | 24.40 | 4.130    | 300           | 29.30 | 19.130                    |              |       |         |

| INDEX NO. 214 |         | 306-GR-1 | HYOKEN BRIDGE |         | LG | MAX.ACCEL.= -48,250(GAL) |         | T=14.60(SEC) |         | NO. 1 |       |
|---------------|---------|----------|---------------|---------|----|--------------------------|---------|--------------|---------|-------|-------|
| NO. (SEC)     | (GAL)   |          | NO. (SEC)     | (GAL)   |    | NO. (SEC)                | (GAL)   | NO. (SEC)    | (GAL)   |       | (GAL) |
| 1 0.          | -8,250  |          | 51 4.80       | 9,250   |    | 101 9.50                 | -20,750 | 151 14.30    | 3,000   |       |       |
| 2 0.10        | -8,250  |          | 52 4.90       | 13,000  |    | 102 9.60                 | -23,250 | 152 14.40    | -15,750 |       |       |
| 3 0.20        | -7,000  |          | 53 5.00       | 9,250   |    | 103 9.70                 | -20,750 | 153 14.50    | -33,250 |       |       |
| 4 0.30        | -5,750  |          | 54 5.10       | 4,250   |    | 104 9.80                 | -15,750 | 154 14.60    | -48,250 |       |       |
| 5 0.40        | -3,250  |          | 55 5.20       | -10,750 |    | 105 9.90                 | -8,250  | 155 14.70    | -45,750 |       |       |
| 6 0.50        | -0,750  |          | 56 5.30       | -17,000 |    | 106 10.00                | 0,500   | 156 14.80    | -32,000 |       |       |
| 7 0.60        | 1,750   |          | 57 5.40       | -8,250  |    | 107 10.10                | 4,250   | 157 14.90    | -3,250  |       |       |
| 8 0.70        | 3,000   |          | 58 5.50       | 0,500   |    | 108 10.20                | 15,500  | 158 15.00    | 21,750  |       |       |
| 9 0.80        | 3,000   |          | 59 5.60       | -0,750  |    | 109 10.30                | 25,500  | 159 15.10    | 34,250  |       |       |
| 10 0.90       | 4,250   |          | 60 5.70       | -2,000  |    | 110 10.40                | 15,500  | 160 15.20    | 36,750  |       |       |
| 11 1.00       | 6,750   |          | 61 5.80       | -4,500  |    | 111 10.50                | -3,250  | 161 15.30    | 30,500  |       |       |
| 12 1.10       | 9,250   |          | 62 5.90       | 3,000   |    | 112 10.60                | -12,000 | 162 15.40    | 16,750  |       |       |
| 13 1.20       | 3,000   |          | 63 6.00       | 9,250   |    | 113 10.70                | -15,750 | 163 15.50    | 1,750   |       |       |
| 14 1.30       | -5,750  |          | 64 6.10       | 9,250   |    | 114 10.80                | -14,500 | 164 15.60    | -3,250  |       |       |
| 15 1.40       | -10,750 |          | 65 6.20       | 6,750   |    | 115 10.90                | -9,500  | 165 15.65    | -10,750 |       |       |
| 16 1.50       | -12,000 |          | 66 6.30       | 4,250   |    | 116 11.00                | 3,000   | 166 15.70    | -18,250 |       |       |
| 17 1.60       | -12,000 |          | 67 6.40       | -2,000  |    | 117 11.10                | 15,500  | 167 15.80    | -28,250 |       |       |
| 18 1.70       | -8,250  |          | 68 6.50       | -7,000  |    | 118 11.20                | 28,000  | 168 15.85    | -33,250 |       |       |
| 19 1.80       | -4,500  |          | 69 6.60       | -13,250 |    | 119 11.30                | 35,500  | 169 15.90    | -32,000 |       |       |
| 20 1.90       | 3,000   |          | 70 6.70       | -18,250 |    | 120 11.40                | 33,000  | 170 16.00    | -22,000 |       |       |
| 21 2.00       | 5,500   |          | 71 6.75       | -17,000 |    | 121 11.50                | 9,250   | 171 16.10    | -14,500 |       |       |
| 22 2.10       | 5,500   |          | 72 6.80       | -14,500 |    | 122 11.60                | -10,750 | 172 16.20    | 13,000  |       |       |
| 23 2.20       | 4,250   |          | 73 6.90       | -8,250  |    | 123 11.70                | -23,250 | 173 16.30    | 20,500  |       |       |
| 24 2.30       | 1,750   |          | 74 7.00       | -5,750  |    | 124 11.80                | -24,500 | 174 16.40    | 26,750  |       |       |
| 25 2.40       | 0,500   |          | 75 7.10       | 0,500   |    | 125 11.90                | -22,000 | 175 16.50    | 28,000  |       |       |
| 26 2.50       | -0,750  |          | 76 7.20       | 14,250  |    | 126 12.00                | -19,500 | 176 16.60    | 15,500  |       |       |
| 27 2.60       | -5,750  |          | 77 7.30       | 20,500  |    | 127 12.10                | -12,000 | 177 16.70    | 13,000  |       |       |
| 28 2.70       | -10,750 |          | 78 7.40       | 23,000  |    | 128 12.20                | -4,500  | 178 16.80    | 3,000   |       |       |
| 29 2.80       | -12,000 |          | 79 7.50       | 25,500  |    | 129 12.30                | 5,500   | 179 16.90    | -10,750 |       |       |
| 30 2.90       | -9,500  |          | 80 7.60       | 14,250  |    | 130 12.40                | 15,500  | 180 17.00    | -12,000 |       |       |
| 31 3.00       | -5,750  |          | 81 7.70       | 5,500   |    | 131 12.50                | 34,250  | 181 17.10    | -9,500  |       |       |
| 32 3.10       | 3,000   |          | 82 7.80       | -2,000  |    | 132 12.60                | 46,750  | 182 17.20    | -2,000  |       |       |
| 33 3.20       | 8,000   |          | 83 7.90       | -22,000 |    | 133 12.70                | 40,500  | 183 17.30    | 5,500   |       |       |
| 34 3.30       | 9,250   |          | 84 8.00       | -15,750 |    | 134 12.80                | 30,500  | 184 17.40    | 10,500  |       |       |
| 35 3.40       | 9,250   |          | 85 8.10       | -18,250 |    | 135 12.90                | -0,750  | 185 17.50    | -4,500  |       |       |
| 36 3.50       | 6,750   |          | 86 8.20       | -15,750 |    | 136 13.00                | -27,000 | 186 17.60    | -14,500 |       |       |
| 37 3.60       | 0,500   |          | 87 8.30       | -12,000 |    | 137 13.10                | -37,000 | 187 17.70    | -12,000 |       |       |
| 38 3.70       | -7,000  |          | 88 8.35       | -13,250 |    | 138 13.20                | -44,500 | 188 17.80    | -4,500  |       |       |
| 39 3.80       | -12,000 |          | 89 8.40       | -10,750 |    | 139 13.30                | -44,500 | 189 17.90    | 9,250   |       |       |
| 40 3.85       | -13,250 |          | 90 8.50       | -5,750  |    | 140 13.40                | -28,250 | 190 18.00    | 16,250  |       |       |
| 41 3.90       | -12,000 |          | 91 8.60       | 0,500   |    | 141 13.45                | -15,750 | 191 18.10    | 15,500  |       |       |
| 42 4.00       | -9,500  |          | 92 8.70       | 13,000  |    | 142 13.50                | -9,500  | 192 18.20    | 10,500  |       |       |
| 43 4.10       | -8,250  |          | 93 8.80       | 21,750  |    | 143 13.60                | 8,000   | 193 18.30    | 3,000   |       |       |
| 44 4.20       | -9,500  |          | 94 8.90       | 21,750  |    | 144 13.70                | 30,500  | 194 18.40    | 3,000   |       |       |
| 45 4.25       | -10,750 |          | 95 9.00       | 24,250  |    | 145 13.80                | 34,250  | 195 18.50    | -2,000  |       |       |
| 46 4.30       | -9,500  |          | 96 9.05       | 28,000  |    | 146 13.90                | 28,000  | 196 18.60    | -7,000  |       |       |
| 47 4.40       | 0,500   |          | 97 9.10       | 26,750  |    | 147 14.00                | 24,750  | 197 18.70    | -12,000 |       |       |
| 48 4.50       | 4,250   |          | 98 9.20       | 6,750   |    | 148 14.10                | 26,750  | 198 18.80    | -13,250 |       |       |
| 49 4.60       | 10,500  |          | 99 9.30       | -12,000 |    | 149 14.15                | 28,000  | 199 18.90    | -7,000  |       |       |
| 50 4.70       | 13,000  |          | 100 9.40      | -19,500 |    | 150 14.20                | 21,750  | 200 19.00    | -3,250  |       |       |

| INDEX NO. 214 |         | 306-GR-1 | HYOKEN BRIDGE |         | LG | MAX.ACCEL.= -48,250(GAL) |         | T=14.60(SEC) |        | NO. 2 |       |
|---------------|---------|----------|---------------|---------|----|--------------------------|---------|--------------|--------|-------|-------|
| NO. (SEC)     | (GAL)   |          | NO. (SEC)     | (GAL)   |    | NO. (SEC)                | (GAL)   | NO. (SEC)    | (GAL)  |       | (GAL) |
| 201 19.10     | 0,500   |          | 251 24.00     | -19,500 |    | 301 29.00                | -24,500 | 351 34.00    | -9,500 |       |       |
| 202 19.20     | 3,000   |          | 252 24.10     | -9,500  |    | 302 29.10                | -25,750 |              |        |       |       |
| 203 19.30     | 4,250   |          | 253 24.20     | 11,750  |    | 303 29.20                | -25,750 |              |        |       |       |
| 204 19.40     | 3,000   |          | 254 24.30     | 18,000  |    | 304 29.30                | -23,250 |              |        |       |       |
| 205 19.50     | 5,500   |          | 255 24.40     | 29,250  |    | 305 29.40                | -19,500 |              |        |       |       |
| 206 19.60     | 20,500  |          | 256 24.50     | 30,500  |    | 306 29.50                | -9,500  |              |        |       |       |
| 207 19.70     | 21,750  |          | 257 24.60     | 25,500  |    | 307 29.60                | 0,500   |              |        |       |       |
| 208 19.80     | 20,500  |          | 258 24.70     | 18,000  |    | 308 29.70                | 15,500  |              |        |       |       |
| 209 19.90     | 3,000   |          | 259 24.80     | 5,500   |    | 309 29.80                | 18,000  |              |        |       |       |
| 210 20.00     | -8,250  |          | 260 24.90     | -9,500  |    | 310 29.90                | 15,500  |              |        |       |       |
| 211 20.10     | -12,500 |          | 261 25.00     | -22,000 |    | 311 30.00                | 14,250  |              |        |       |       |
| 212 20.20     | -19,500 |          | 262 25.10     | -72,000 |    | 312 30.10                | 3,000   |              |        |       |       |
| 213 20.30     | -23,250 |          | 263 25.20     | -28,250 |    | 313 30.20                | -3,250  |              |        |       |       |
| 214 20.40     | -19,500 |          | 264 25.30     | -23,250 |    | 314 30.30                | -9,500  |              |        |       |       |
| 215 20.50     | -4,500  |          | 265 25.40     | -18,250 |    | 315 30.40                | -12,000 |              |        |       |       |
| 216 20.60     | 16,750  |          | 266 25.50     | -4,500  |    | 316 30.50                | -13,250 |              |        |       |       |
| 217 20.70     | 26,750  |          | 267 25.60     | 13,000  |    | 317 30.60                | -9,500  |              |        |       |       |
| 218 20.75     | 14,250  |          | 268 25.70     | 21,750  |    | 318 30.70                | -7,000  |              |        |       |       |
| 219 20.80     | 30,500  |          | 269 25.80     | 28,000  |    | 319 30.80                | 4,000   |              |        |       |       |
| 220 20.90     | 21,750  |          | 270 25.90     | 24,250  |    | 320 30.90                | 14,250  |              |        |       |       |
| 221 21.00     | 14,250  |          | 271 26.00     | 14,250  |    | 321 31.00                | 15,500  |              |        |       |       |
| 222 21.10     | -3,250  |          | 272 26.10     | 1,750   |    | 322 31.10                | 16,750  |              |        |       |       |
| 223 21.20     | -10,750 |          | 273 26.20     | -10,750 |    | 323 31.20                | 15,500  |              |        |       |       |
| 224 21.30     | -14,500 |          | 274 26.30     | -13,250 |    | 324 31.30                | 13,000  |              |        |       |       |
| 225 21.40     | -15,750 |          | 275 26.40     | -18,250 |    | 325 31.40                | 5,500   |              |        |       |       |
| 226 21.50     | -12,000 |          | 276 26.50     | -22,000 |    | 326 31.50                | -0,750  |              |        |       |       |
| 227 21.60     | -8,250  |          | 277 26.60     | -18,250 |    | 327 31.60                | -9,500  |              |        |       |       |
| 228 21.70     | -2,000  |          | 278 26.70     | -9,500  |    | 328 31.70                | -9,500  |              |        |       |       |
| 229 21.80     | 3,000   |          | 279 26.80     | 5,500   |    | 329 31.80                | -9,500  |              |        |       |       |
| 230 21.90     | 9,250   |          | 280 26.90     | 26,750  |    | 330 31.90                | -4,500  |              |        |       |       |
| 231 22.00     | 14,250  |          | 281 27.00     | 28,000  |    | 331 32.00                | 0,500   |              |        |       |       |
| 232 22.10     | 15,500  |          | 282 27.10     | 26,750  |    | 332 32.10                | 3,000   |              |        |       |       |
| 233 22.20     | 15,500  |          | 283 27.20     | 13,000  |    | 333 32.20                | 4,250   |              |        |       |       |
| 234 22.30     | 5,500   |          | 284 27.30     | 0,500   |    | 334 32.30                | 5,500   |              |        |       |       |
| 235 22.40     | 0,500   |          | 285 27.40     | -9,500  |    | 335 32.40                | 3,000   |              |        |       |       |
| 236 22.50     | -25,750 |          | 286 27.50     | -12,000 |    | 336 32.50                | -4,500  |              |        |       |       |
| 237 22.60     | -22,000 |          | 287 27.60     | -22,000 |    | 337 32.60                | -9,500  |              |        |       |       |
| 238 22.70     | -15,750 |          | 288 27.70     | -28,250 |    | 338 32.70                | -12,000 |              |        |       |       |
| 239 22.80     | -9,500  |          | 289 27.80     | -28,250 |    | 339 32.80                | -13,250 |              |        |       |       |
| 240 22.90     | 3,000   |          | 290 27.90     | -19,500 |    | 340 32.90                | -10,750 |              |        |       |       |
| 241 23.00     | 15,500  |          | 291 28.00     | 1,750   |    | 341 33.00                | -9,500  |              |        |       |       |
| 242 23.10     | 28,000  |          | 292 28.10     | 14,250  |    | 342 33.10                | 1,750   |              |        |       |       |
| 243 23.20     | 34,250  |          | 293 28.20     | 18,000  |    | 343 33.20                | 9,250   |              |        |       |       |
| 244 23.30     | 26,750  |          | 294 28.30     | 28,000  |    | 344 33.30                | 11,750  |              |        |       |       |
| 245 23.40     | 5,500   |          | 295 28.40     | 30,350  |    | 345 33.40                | 10,500  |              |        |       |       |
| 246 23.50     | -7,000  |          | 296 28.50     | 29,250  |    | 346 33.50                | 9,250   |              |        |       |       |
| 247 23.60     | -13,250 |          | 297 28.60     | 21,750  |    | 347 33.60                | 5,500   |              |        |       |       |
| 248 23.70     | -18,250 |          | 298 28.70     | 3,000   |    | 348 33.70                | 1,750   |              |        |       |       |
| 249 23.80     | -22,000 |          | 299 28.80     | -7,000  |    | 349 33.80                | -7,000  |              |        |       |       |
| 250 23.90     | -23,250 |          | 300 28.90     | -23,250 |    | 350 33.90                | -9,500  |              |        |       |       |

| INDEX NO. | 215   | 308-GR-8 | ITAJIMA BRIDGE | TR    | MAX.ACCEL.= -171.630(GAL) | T= 2.19(SEC) | NO. 1 |         |
|-----------|-------|----------|----------------|-------|---------------------------|--------------|-------|---------|
| NO.       | (SEC) | (GAL)    | NO.            | (SEC) | (GAL)                     | NO.          | (SEC) | (GAL)   |
| 1         | 0.    | 9,630    | 51             | 3.60  | 22,130                    | 101          | 6.55  | -5,380  |
| 2         | 0.10  | -9,130   | 52             | 3.65  | 50,880                    | 102          | 6.60  | -2,880  |
| 3         | 0.20  | 12,130   | 53             | 3.70  | -40,380                   | 103          | 6.64  | 1,880   |
| 4         | 0.30  | -11,630  | 54             | 3.72  | -40,380                   | 104          | 6.70  | -2,880  |
| 5         | 0.40  | 5,880    | 55             | 3.80  | 22,130                    | 105          | 6.73  | -27,880 |
| 6         | 0.48  | -7,880   | 56             | 3.90  | -40,380                   | 106          | 6.80  | -2,880  |
| 7         | 0.50  | -5,380   | 57             | 3.92  | -52,880                   | 107          | 6.84  | 17,130  |
| 8         | 0.55  | -2,880   | 58             | 4.00  | -9,130                    | 108          | 6.90  | -2,880  |
| 9         | 0.60  | -0,880   | 59             | 4.05  | 42,130                    | 109          | 6.93  | -19,130 |
| 10        | 0.63  | 9,630    | 60             | 4.10  | -17,880                   | 110          | 7.00  | 9,630   |
| 11        | 0.70  | -5,380   | 61             | 4.20  | 9,630                     | 111          | 7.04  | 15,880  |
| 12        | 0.78  | 17,130   | 62             | 4.23  | 30,880                    | 112          | 7.10  | -3,380  |
| 13        | 0.80  | -5,380   | 63             | 4.30  | -17,880                   | 113          | 7.15  | -9,130  |
| 14        | 0.83  | -15,380  | 64             | 4.38  | -9,130                    | 114          | 7.20  | -2,880  |
| 15        | 0.90  | 0,880    | 65             | 4.40  | -15,380                   | 115          | 7.25  | 17,130  |
| 16        | 0.93  | 9,630    | 66             | 4.43  | -17,880                   | 116          | 7.30  | -2,880  |
| 17        | 1.00  | 0,880    | 67             | 4.50  | 3,380                     | 117          | 7.35  | -27,880 |
| 18        | 1.05  | 0,880    | 68             | 4.55  | 9,630                     | 118          | 7.40  | -11,630 |
| 19        | 1.10  | -7,880   | 69             | 4.60  | 3,380                     | 119          | 7.44  | 7,130   |
| 20        | 1.17  | 9,630    | 70             | 4.67  | -12,880                   | 120          | 7.50  | -2,880  |
| 21        | 1.20  | 3,380    | 71             | 4.70  | -2,880                    | 121          | 7.55  | -2,250  |
| 22        | 1.26  | -9,130   | 72             | 4.75  | 22,130                    | 122          | 7.60  | -2,250  |
| 23        | 1.30  | 2,130    | 73             | 4.80  | -2,880                    | 123          | 7.64  | 22,130  |
| 24        | 1.35  | 15,880   | 74             | 4.83  | -15,380                   | 124          | 7.70  | -2,880  |
| 25        | 1.40  | -2,880   | 75             | 4.90  | 9,630                     | 125          | 7.73  | -4,130  |
| 26        | 1.45  | -27,880  | 76             | 4.96  | -2,880                    | 126          | 7.80  | 12,130  |
| 27        | 1.50  | -5,380   | 77             | 5.00  | 7,130                     | 127          | 7.90  | -15,380 |
| 28        | 1.53  | 28,380   | 78             | 5.10  | -27,880                   | 128          | 8.00  | -2,430  |
| 29        | 1.60  | -40,380  | 79             | 5.18  | 22,130                    | 129          | 8.10  | -9,130  |
| 30        | 1.70  | 9,630    | 80             | 5.20  | 9,630                     | 130          | 8.20  | 18,380  |
| 31        | 1.79  | 72,130   | 81             | 5.26  | -21,630                   | 131          | 8.30  | -5,380  |
| 32        | 1.88  | -100,380 | 82             | 5.30  | -15,380                   | 132          | 8.40  | 9,630   |
| 33        | 2.01  | 137,130  | 83             | 5.38  | 22,130                    | 133          | 8.47  | -12,880 |
| 34        | 2.15  | -171,630 | 84             | 5.40  | 3,380                     | 134          | 8.50  | -2,880  |
| 35        | 2.25  | 147,130  | 85             | 5.45  | -11,630                   | 135          | 8.53  | 5,880   |
| 36        | 2.37  | -115,380 | 86             | 5.50  | -2,880                    | 136          | 8.60  | -2,380  |
| 37        | 2.49  | 128,380  | 87             | 5.53  | 9,630                     | 137          | 8.70  | -2,880  |
| 38        | 2.58  | -102,880 | 88             | 5.60  | -17,880                   | 138          | 8.78  | 8,380   |
| 39        | 2.67  | 103,380  | 89             | 5.70  | 9,630                     | 139          | 8.80  | -2,630  |
| 40        | 2.85  | -117,880 | 90             | 5.80  | -11,630                   | 140          | 8.90  | -2,880  |
| 41        | 2.95  | 75,880   | 91             | 5.90  | 19,630                    | 141          | 9.00  | 9,630   |
| 42        | 3.03  | -40,380  | 92             | 5.98  | -5,380                    | 142          | 9.06  | -5,380  |
| 43        | 3.13  | 59,630   | 93             | 6.00  | -2,880                    | 143          | 9.10  | -2,880  |
| 44        | 3.25  | -59,130  | 94             | 6.08  | 9,630                     | 144          | 9.16  | 9,630   |
| 45        | 3.30  | -27,880  | 95             | 6.10  | -2,880                    | 145          | 9.20  | -2,880  |
| 46        | 3.35  | 17,130   | 96             | 6.15  | -24,130                   | 146          | 9.24  | -9,130  |
| 47        | 3.40  | -27,870  | 97             | 6.20  | -15,380                   | 147          | 9.30  | -2,880  |
| 48        | 3.48  | -5,370   | 98             | 6.30  | 7,130                     | 148          | 9.35  | -2,250  |
| 49        | 3.50  | -4,130   | 99             | 6.40  | 9,630                     | 149          | 9.40  | -2,250  |
| 50        | 3.53  | -5,370   | 100            | 6.50  | -2,880                    | 150          | 9.46  | -7,880  |

| INDEX NO. | 216   | 308-GR-8 | ITAJIMA BRIDGE | LG    | MAX.ACCEL.= 226,500(GAL) | T= 1.79(SEC) | NO.   | 1       |
|-----------|-------|----------|----------------|-------|--------------------------|--------------|-------|---------|
| NO.       | (SEC) | (GAL)    | NO.            | (SEC) | (GAL)                    | NO.          | (SEC) | (GAL)   |
| 1         | 0.    | -0,500   | 51             | 3.55  | -9,750                   | 101          | 6.40  | 5,250   |
| 2         | 0.05  | -1,000   | 52             | 3.60  | -8,500                   | 102          | 6.43  | -13,500 |
| 3         | 0.10  | -0,630   | 53             | 3.65  | 11,500                   | 103          | 6.50  | 11,500  |
| 4         | 0.15  | -7,250   | 54             | 3.70  | 11,500                   | 104          | 6.60  | -13,500 |
| 5         | 0.20  | -1,000   | 55             | 3.80  | -13,500                  | 105          | 6.70  | 11,500  |
| 6         | 0.25  | -1,000   | 56             | 3.84  | 16,100                   | 106          | 6.74  | -13,500 |
| 7         | 0.30  | -1,000   | 57             | 3.90  | -1,000                   | 107          | 6.80  | 11,500  |
| 8         | 0.40  | -3,500   | 58             | 4.00  | -13,500                  | 108          | 6.90  | -1,000  |
| 9         | 0.44  | 6,520    | 59             | 4.06  | 15,250                   | 109          | 7.00  | 9,000   |
| 10        | 0.50  | -7,250   | 60             | 4.10  | -1,000                   | 110          | 7.04  | -3,500  |
| 11        | 0.60  | 1,500    | 61             | 4.15  | -34,750                  | 111          | 7.10  | -1,000  |
| 12        | 0.62  | -1,000   | 62             | 4.20  | -1,000                   | 112          | 7.17  | 6,500   |
| 13        | 0.68  | 1,500    | 63             | 4.23  | 15,250                   | 113          | 7.20  | -1,000  |
| 14        | 0.70  | -1,000   | 64             | 4.30  | -11,000                  | 114          | 7.22  | -3,500  |
| 15        | 0.73  | -7,250   | 65             | 4.38  | 14,000                   | 115          | 7.30  | 4,000   |
| 16        | 0.80  | -1,000   | 66             | 4.40  | -1,000                   | 116          | 7.40  | -3,500  |
| 17        | 0.83  | 4,000    | 67             | 4.48  | 11,500                   | 117          | 7.50  | 9,000   |
| 18        | 0.90  | -6,000   | 68             | 4.50  | -1,000                   | 118          | 7.60  | -8,500  |
| 19        | 0.98  | 2,750    | 69             | 4.52  | -13,500                  | 119          | 7.68  | 5,250   |
| 20        | 1.00  | -1,000   | 70             | 4.60  | 2,750                    | 120          | 7.70  | -1,000  |
| 21        | 1.03  | -6,000   | 71             | 4.66  | -11,000                  | 121          | 7.80  | -1,000  |
| 22        | 1.10  | 2,750    | 72             | 4.70  | -9,750                   | 122          | 7.90  | 1,500   |
| 23        | 1.20  | -1,000   | 73             | 4.75  | -1,000                   | 123          | 7.95  | -4,750  |
| 24        | 1.22  | 2,750    | 74             | 4.80  | 17,750                   | 124          | 8.00  | 5,250   |
| 25        | 1.30  | -11,000  | 75             | 4.90  | -26,000                  | 125          | 8.05  | 5,250   |
| 26        | 1.40  | 31,500   | 76             | 4.98  | 17,750                   | 126          | 8.10  | 6,500   |
| 27        | 1.50  | -61,000  | 77             | 5.00  | -1,000                   | 127          | 8.18  | -3,500  |
| 28        | 1.58  | 99,000   | 78             | 5.05  | -23,500                  | 128          | 8.20  | -1,000  |
| 29        | 1.65  | -188,500 | 79             | 5.10  | -11,000                  | 129          | 8.23  | 5,250   |
| 30        | 1.79  | 226,500  | 80             | 5.12  | 11,500                   | 130          | 8.30  | -6,000  |
| 31        | 1.89  | -226,000 | 81             | 5.20  | -1,000                   | 131          | 8.40  | -1,000  |
| 32        | 2.01  | 211,500  | 82             | 5.28  | -9,750                   | 132          | 8.50  | -1,000  |
| 33        | 2.16  | -132,250 | 83             | 5.30  | -1,000                   | 133          | 8.58  | 11,500  |
| 34        | 2.30  | 111,500  | 84             | 5.35  | 16,500                   | 134          | 8.60  | -1,000  |
| 35        | 2.39  | -132,250 | 85             | 5.40  | -1,000                   | 135          | 8.65  | -3,500  |
| 36        | 2.51  | 136,500  | 86             | 5.45  | -11,000                  | 136          | 8.70  | -1,000  |
| 37        | 2.65  | -101,000 | 87             | 5.50  | -9,750                   | 137          | 8.75  | 4,000   |
| 38        | 2.73  | 105,250  | 88             | 5.57  | 11,500                   | 138          | 8.80  | 6,500   |
| 39        | 2.84  | -69,750  | 89             | 5.60  | -1,000                   | 139          | 8.90  | -13,500 |
| 40        | 2.95  | 26,500   | 90             | 5.64  | -13,500                  | 140          | 8.98  | 11,500  |
| 41        | 3.00  | -1,000   | 91             | 5.70  | -1,000                   | 141          | 9.00  | -1,000  |
| 42        | 3.07  | -44,750  | 92             | 5.73  | 11,500                   | 142          | 9.03  | -7,250  |
| 43        | 3.10  | -1,000   | 93             | 5.80  | -1,000                   | 143          | 9.10  | -1,000  |
| 44        | 3.15  | 49,000   | 94             | 5.88  | 11,500                   | 144          | 9.15  | -1,000  |
| 45        | 3.20  | -1,000   | 95             | 5.90  | -1,000                   | 145          | 9.20  | 11,500  |
| 46        | 3.23  | -26,000  | 96             | 6.00  | -13,500                  | 146          | 9.30  | -13,500 |
| 47        | 3.30  | 11,500   | 97             | 6.10  | 11,500                   | 147          | 9.38  | 11,500  |
| 48        | 3.40  | -4,750   | 98             | 6.20  | -11,000                  | 148          | 9.40  | -1,000  |
| 49        | 3.43  | -1,000   | 99             | 6.26  | 14,000                   | 149          | 9.42  | -11,000 |
| 50        | 3.50  | -9,750   | 100            | 6.30  | -1,000                   | 150          | 9.50  | -1,000  |

| INDEX NO. 217 | 313-GR-2 | ISHIZUCHI BRIDGE | MAX.ACCEL.= -68.630(GAL) | T= 6.12(SEC) | NO. 1   |
|---------------|----------|------------------|--------------------------|--------------|---------|
| NO. (SEC)     | (GAL)    | NO. (SEC)        | (GAL)                    | NO. (SEC)    | (GAL)   |
| 1 0.          | 1,380    | 51 3.10          | -16,130                  | 101 5.75     | 18,880  |
| 2 0.10        | 3,880    | 52 3.20          | -6,130                   | 102 5.80     | 22,630  |
| 3 0.11        | 3,880    | 53 3.28          | 12,630                   | 103 5.83     | 28,880  |
| 4 0.20        | 5,130    | 54 3.30          | 13,880                   | 104 5.90     | 21,380  |
| 5 0.22        | 6,380    | 55 3.37          | 6,380                    | 105 5.92     | 22,630  |
| 6 0.28        | 3,880    | 56 3.40          | 6,380                    | 106 6.00     | -8,630  |
| 7 0.30        | 3,880    | 57 3.43          | 8,880                    | 107 6.10     | -66,130 |
| 8 0.37        | -2,380   | 58 3.50          | -14,880                  | 108 6.12     | -68,630 |
| 9 0.40        | 0,130    | 59 3.52          | -17,380                  | 109 6.20     | -41,130 |
| 10 0.48       | 1,380    | 60 3.57          | -12,380                  | 110 6.25     | 0,130   |
| 11 0.50       | 7,630    | 61 3.60          | -18,630                  | 111 6.30     | 1,380   |
| 12 0.60       | 0,130    | 62 3.62          | -19,880                  | 112 6.35     | 13,880  |
| 13 0.70       | 1,380    | 63 3.68          | -12,380                  | 113 6.40     | 18,880  |
| 14 0.78       | 12,630   | 64 3.70          | -14,880                  | 114 6.48     | 20,130  |
| 15 0.80       | 6,380    | 65 3.75          | -14,880                  | 115 6.50     | 36,250  |
| 16 0.90       | -2,380   | 66 3.80          | -21,130                  | 116 6.58     | 56,380  |
| 17 0.98       | 3,880    | 67 3.90          | 22,630                   | 117 6.60     | 56,380  |
| 18 1.00       | 1,380    | 68 3.93          | 33,880                   | 118 6.70     | -22,380 |
| 19 1.10       | 0,130    | 69 4.00          | 31,380                   | 119 6.75     | -38,630 |
| 20 1.13       | 6,380    | 70 4.03          | 41,380                   | 120 6.80     | -34,880 |
| 21 1.20       | -2,380   | 71 4.10          | 10,130                   | 121 6.85     | -51,130 |
| 22 1.22       | -6,130   | 72 4.20          | -13,630                  | 122 6.90     | -38,630 |
| 23 1.30       | -1,130   | 73 4.28          | -41,130                  | 123 7.00     | 12,630  |
| 24 1.35       | -6,130   | 74 4.30          | -22,380                  | 124 7.02     | 16,380  |
| 25 1.40       | -3,630   | 75 4.33          | -23,630                  | 125 7.10     | -13,630 |
| 26 1.42       | 2,630    | 76 4.38          | -18,630                  | 126 7.15     | -18,630 |
| 27 1.50       | 0,130    | 77 4.40          | -1,130                   | 127 7.20     | -2,380  |
| 28 1.60       | 12,630   | 78 4.45          | 43,880                   | 128 7.28     | 46,380  |
| 29 1.68       | 6,380    | 79 4.50          | 22,630                   | 129 7.30     | 46,380  |
| 30 1.70       | 6,380    | 80 4.60          | -36,130                  | 130 7.40     | -1,130  |
| 31 1.80       | -6,130   | 81 4.62          | -37,380                  | 131 7.50     | -43,630 |
| 32 1.90       | -1,130   | 82 4.70          | -6,130                   | 132 7.60     | -8,638  |
| 33 1.92       | 1,380    | 83 4.80          | 27,630                   | 133 7.68     | 22,630  |
| 34 2.00       | 1,380    | 84 4.85          | 43,880                   | 134 7.70     | 10,130  |
| 35 2.10       | 10,130   | 85 4.90          | 1,380                    | 135 7.75     | -6,130  |
| 36 2.12       | 10,500   | 86 4.92          | 0,130                    | 136 7.80     | -2,380  |
| 37 2.20       | 0,130    | 87 4.98          | 16,380                   | 137 7.87     | -8,630  |
| 38 2.30       | -3,630   | 88 5.00          | 6,380                    | 138 7.90     | 0,130   |
| 39 2.35       | -6,130   | 89 5.05          | -11,130                  | 139 7.93     | 6,380   |
| 40 2.40       | -2,380   | 90 5.10          | 1,380                    | 140 8.00     | -14,880 |
| 41 2.50       | -6,130   | 91 5.20          | -41,130                  | 141 8.08     | -6,130  |
| 42 2.60       | 12,630   | 92 5.22          | -43,630                  | 142 8.10     | -6,130  |
| 43 2.70       | 6,380    | 93 5.30          | 8,880                    | 143 8.13     | -8,630  |
| 44 2.73       | -2,380   | 94 5.35          | 0,130                    | 144 8.20     | 18,880  |
| 45 2.80       | 3,880    | 95 5.40          | -1,130                   | 145 8.25     | 31,880  |
| 46 2.85       | -6,130   | 96 5.50          | -28,630                  | 146 8.30     | 18,880  |
| 47 2.90       | 6,380    | 97 5.52          | -18,630                  | 147 8.38     | 27,630  |
| 48 2.92       | 10,130   | 98 5.60          | 6,380                    | 148 8.40     | 25,130  |
| 49 3.00       | -2,380   | 99 5.65          | 43,880                   | 149 8.50     | -8,630  |
| 50 3.03       | -12,380  | 100 5.70         | 6,880                    | 150 8.55     | -6,130  |

| INDEX NO. 217 | 313-GR-2 | ISHIZUCHI BRIDGE | MAX.ACCEL.= -68.630(GAL) | T= 6.12(SEC) | NO. 2 |
|---------------|----------|------------------|--------------------------|--------------|-------|
| NO. (SEC)     | (GAL)    | NO. (SEC)        | (GAL)                    |              |       |
| 201 11.15     | -0,130   | 251 14.50        | 11,380                   |              |       |
| 202 11.20     | -6,130   | 252 14.60        | 5,130                    |              |       |
| 203 11.25     | -18,630  | 253 14.65        | 3,880                    |              |       |
| 204 11.30     | -12,380  | 254 14.70        | -6,130                   |              |       |
| 205 11.33     | -6,130   | 255 14.78        | -8,630                   |              |       |
| 206 11.40     | -6,130   | 256 14.80        | -6,130                   |              |       |
| 207 11.45     | 6,380    | 257 14.90        | 0,130                    |              |       |
| 208 11.50     | 2,630    | 258 14.93        | 0,130                    |              |       |
| 209 11.58     | 13,880   | 259 15.00        | 3,880                    |              |       |
| 210 11.60     | 13,880   |                  |                          |              |       |
| 211 11.70     | 1,380    |                  |                          |              |       |
| 212 11.80     | 0,130    |                  |                          |              |       |
| 213 11.83     | -6,130   |                  |                          |              |       |
| 214 11.90     | 0,130    |                  |                          |              |       |
| 215 12.00     | 2,630    |                  |                          |              |       |
| 216 12.10     | 6,380    |                  |                          |              |       |
| 217 12.13     | -3,630   |                  |                          |              |       |
| 218 12.20     | -3,630   |                  |                          |              |       |
| 219 12.25     | 3,880    |                  |                          |              |       |
| 220 12.30     | 0,130    |                  |                          |              |       |
| 221 12.40     | -12,380  |                  |                          |              |       |
| 222 12.45     | -4,880   |                  |                          |              |       |
| 223 12.50     | -4,880   |                  |                          |              |       |
| 224 12.60     | 13,880   |                  |                          |              |       |
| 225 12.70     | 3,880    |                  |                          |              |       |
| 226 12.73     | -3,630   |                  |                          |              |       |
| 227 12.80     | 0,130    |                  |                          |              |       |
| 228 12.82     | 6,380    |                  |                          |              |       |
| 229 12.90     | 6,380    |                  |                          |              |       |
| 230 12.98     | -6,130   |                  |                          |              |       |
| 231 13.00     | -3,630   |                  |                          |              |       |
| 232 13.10     | 2,630    |                  |                          |              |       |
| 233 13.20     | 6,380    |                  |                          |              |       |
| 234 13.30     | -3,630   |                  |                          |              |       |
| 235 13.40     | -3,630   |                  |                          |              |       |
| 236 13.50     | -3,630   |                  |                          |              |       |
| 237 13.60     | 6,380    |                  |                          |              |       |
| 238 13.65     | -3,630   |                  |                          |              |       |
| 239 13.70     | 0,130    |                  |                          |              |       |
| 240 13.73     | 2,630    |                  |                          |              |       |
| 241 13.80     | -3,630   |                  |                          |              |       |
| 242 13.87     | 1,380    |                  |                          |              |       |
| 243 13.90     | -2,380   |                  |                          |              |       |
| 244 14.00     | 1,380    |                  |                          |              |       |
| 245 14.10     | 0,130    |                  |                          |              |       |
| 246 14.15     | 0,130    |                  |                          |              |       |
| 247 14.20     | 0,130    |                  |                          |              |       |
| 248 14.28     | 8,880    |                  |                          |              |       |
| 249 14.30     | 0,130    |                  |                          |              |       |
| 250 14.40     | -6,130   |                  |                          |              |       |

| INDEX NO. | 218   | 313-GR-2 | ISHIZUCHI BRIDGELQ | MAX.ACCEL.= | 62.380(GAL) | T= 6.80(SEC) | NO. 1 |         |
|-----------|-------|----------|--------------------|-------------|-------------|--------------|-------|---------|
| NO.       | (SEC) | (GAL)    | NO.                | (SEC)       | (GAL)       | NO.          | (SEC) | (GAL)   |
| 1         | 0.    | 2,380    | 51                 | 2.75        | 6,130       | 101          | 5.70  | -25,130 |
| 2         | 0.05  | -0,130   | 52                 | 2.80        | 12,380      | 102          | 5.75  | -27,630 |
| 3         | 0.10  | 3,630    | 53                 | 2.90        | -3,880      | 103          | 5.80  | 6,130   |
| 4         | 0.20  | 3,630    | 54                 | 2.92        | -0,130      | 104          | 5.85  | 6,130   |
| 5         | 0.25  | 6,130    | 55                 | 3.00        | -18,880     | 105          | 5.90  | 34,880  |
| 6         | 0.30  | 3,630    | 56                 | 3.03        | -20,130     | 106          | 6.00  | -0,130  |
| 7         | 0.40  | 6,130    | 57                 | 3.10        | 6,130       | 107          | 6.10  | -25,130 |
| 8         | 0.43  | -0,130   | 58                 | 3.15        | 3,630       | 108          | 6.15  | -0,130  |
| 9         | 0.46  | 3,630    | 59                 | 3.20        | 12,380      | 109          | 6.20  | -5,130  |
| 10        | 0.50  | -0,130   | 60                 | 3.30        | -2,630      | 110          | 6.23  | -0,130  |
| 11        | 0.60  | -0,130   | 61                 | 3.38        | 12,380      | 111          | 6.30  | -1,380  |
| 12        | 0.62  | 7,380    | 62                 | 3.40        | 3,630       | 112          | 6.32  | 12,380  |
| 13        | 0.70  | -0,130   | 63                 | 3.42        | -0,130      | 113          | 6.38  | 13,430  |
| 14        | 0.72  | 3,630    | 64                 | 3.50        | 2,380       | 114          | 6.40  | 31,130  |
| 15        | 0.79  | -2,630   | 65                 | 3.58        | 6,130       | 115          | 6.50  | -37,630 |
| 16        | 0.80  | -0,130   | 66                 | 3.60        | 3,630       | 116          | 6.60  | -56,380 |
| 17        | 0.82  | 2,380    | 67                 | 3.65        | 18,630      | 117          | 6.63  | -12,630 |
| 18        | 0.70  | -0,130   | 68                 | 3.70        | -0,130      | 118          | 6.67  | -18,880 |
| 19        | 0.75  | 7,380    | 69                 | 3.80        | -25,130     | 119          | 6.70  | -0,130  |
| 20        | 1.00  | -0,130   | 70                 | 3.85        | -10,130     | 120          | 6.80  | 62,380  |
| 21        | 1.02  | -0,130   | 71                 | 3.90        | -10,130     | 121          | 6.90  | -18,880 |
| 22        | 1.05  | 3,630    | 72                 | 4.00        | -0,130      | 122          | 7.00  | -37,630 |
| 23        | 1.10  | 2,380    | 73                 | 4.05        | 12,380      | 123          | 7.10  | -12,630 |
| 24        | 1.18  | 2,380    | 74                 | 4.10        | 6,130       | 124          | 7.15  | 24,880  |
| 25        | 1.20  | -0,130   | 75                 | 4.20        | 37,380      | 125          | 7.20  | -0,130  |
| 26        | 1.30  | 2,380    | 76                 | 4.25        | 24,880      | 126          | 7.30  | -41,380 |
| 27        | 1.35  | 2,380    | 77                 | 4.30        | -12,630     | 127          | 7.40  | -12,630 |
| 28        | 1.40  | 3,630    | 78                 | 4.40        | -50,130     | 128          | 7.48  | 29,880  |
| 29        | 1.50  | -7,630   | 79                 | 4.42        | -50,130     | 129          | 7.50  | 32,380  |
| 30        | 1.60  | -0,130   | 80                 | 4.50        | 12,380      | 130          | 7.53  | 36,130  |
| 31        | 1.62  | 4,880    | 81                 | 4.58        | 37,380      | 131          | 7.55  | 43,630  |
| 32        | 1.70  | 4,880    | 82                 | 4.60        | 24,880      | 132          | 7.60  | -15,130 |
| 33        | 1.78  | 6,130    | 83                 | 4.70        | -2,630      | 133          | 7.66  | -31,380 |
| 34        | 1.80  | 2,380    | 84                 | 4.75        | 12,380      | 134          | 7.70  | -23,880 |
| 35        | 1.90  | -6,380   | 85                 | 4.80        | -25,130     | 135          | 7.73  | -12,630 |
| 36        | 2.00  | -0,130   | 86                 | 4.85        | -37,630     | 136          | 7.80  | -5,130  |
| 37        | 2.05  | -5,130   | 87                 | 4.90        | -18,880     | 137          | 7.84  | 28,630  |
| 38        | 2.10  | 3,630    | 88                 | 5.00        | -37,630     | 138          | 7.86  | 24,880  |
| 39        | 2.20  | 3,630    | 89                 | 5.10        | 54,880      | 139          | 7.90  | 24,880  |
| 40        | 2.23  | 9,880    | 90                 | 5.15        | -5,130      | 140          | 8.00  | -12,630 |
| 41        | 2.30  | -0,130   | 91                 | 5.20        | 24,880      | 141          | 8.05  | -21,380 |
| 42        | 2.38  | -6,380   | 92                 | 5.30        | -31,380     | 142          | 8.10  | -12,630 |
| 43        | 2.40  | -6,380   | 93                 | 5.38        | -12,630     | 143          | 8.15  | 12,380  |
| 44        | 2.46  | -10,130  | 94                 | 5.40        | -8,880      | 144          | 8.20  | -1,380  |
| 45        | 2.50  | -5,130   | 95                 | 5.42        | -6,380      | 145          | 8.25  | 6,130   |
| 46        | 2.55  | -0,130   | 96                 | 5.45        | 16,130      | 146          | 8.30  | -2,630  |
| 47        | 2.60  | -0,130   | 97                 | 5.50        | -0,130      | 147          | 8.35  | 2,380   |
| 48        | 2.63  | -0,130   | 98                 | 5.55        | 12,380      | 148          | 8.40  | -25,130 |
| 49        | 2.68  | 6,130    | 99                 | 5.60        | -12,630     | 149          | 8.50  | 12,380  |
| 50        | 2.70  | 6,130    | 100                | 5.67        | -0,130      | 150          | 8.55  | 24,880  |
| 101       | 8.50  | 12,380   | 151                | 8.60        | -1,380      | 161          | 9.30  | 19,880  |
| 102       | 8.55  | 24,880   | 152                | 8.65        | -12,630     | 162          | 9.35  | 9,880   |
| 103       | 8.60  | -5,130   | 153                | 8.70        | -5,130      | 163          | 9.40  | 12,380  |
| 104       | 8.65  | 6,130    | 154                | 8.75        | -2,630      | 164          | 9.48  | -0,130  |
| 105       | 8.70  | -6,380   | 155                | 8.80        | 6,130       | 165          | 9.50  | 6,130   |
| 106       | 8.75  | 18,630   | 156                | 8.85        | -0,130      | 166          | 9.55  | -0,130  |
| 107       | 8.80  | -21,380  | 157                | 8.90        | -0,130      | 167          | 9.60  | 16,130  |
| 108       | 8.85  | -18,630  | 158                | 9.00        | -6,380      | 168          | 9.68  | -6,380  |
| 109       | 8.90  | -16,880  | 159                | 9.15        | -0,130      | 169          | 9.70  | -6,380  |
| 110       | 9.00  | -0,130   | 160                | 9.20        | -0,130      | 170          | 9.75  | -7,630  |
| 111       | 9.05  | 12,380   | 171                | 9.80        | 22,380      | 171          | 9.80  | 12,380  |
| 112       | 9.10  | 6,130    | 172                | 9.85        | -0,130      | 172          | 9.85  | -0,130  |
| 113       | 9.15  | 12,380   | 173                | 9.90        | -6,380      | 173          | 9.90  | -6,380  |
| 114       | 9.20  | -0,130   | 174                | 9.93        | -0,130      | 174          | 9.93  | -0,130  |
| 115       | 9.25  | 6,130    | 175                | 10.00       | -6,380      | 175          | 10.00 | -6,380  |
| 116       | 9.30  | -12,630  | 176                | 10.10       | -22,630     | 176          | 10.10 | -22,630 |
| 117       | 9.35  | 18,630   | 177                | 10.20       | -12,630     | 177          | 10.20 | -12,630 |
| 118       | 9.40  | -6,380   | 178                | 10.25       | 18,630      | 178          | 10.25 | 18,630  |
| 119       | 9.45  | 2,380    | 179                | 10.30       | 2,380       | 179          | 10.30 | 2,380   |
| 120       | 9.50  | 14,880   | 180                | 10.40       | 14,880      | 180          | 10.40 | 14,880  |
| 121       | 9.55  | 12,380   | 181                | 10.45       | 34,880      | 181          | 10.45 | 34,880  |
| 122       | 9.60  | -0,130   | 182                | 10.50       | 12,380      | 182          | 10.50 | 12,380  |
| 123       | 9.65  | -0,130   | 183                | 10.55       | -0,130      | 183          | 10.55 | -0,130  |
| 124       | 9.70  | 2,380    | 184                | 10.58       | 2,380       | 184          | 10.58 | 2,380   |
| 125       | 9.75  | -6,380   | 185                | 10.60       | -6,380      | 185          | 10.60 | -6,380  |
| 126       | 9.80  | -6,380   | 186                | 10.62       | -6,380      | 186          | 10.62 | -6,380  |
| 127       | 9.85  | -0,130   | 187                | 10.68       | -0,130      | 187          | 10.68 | -0,130  |
| 128       | 9.90  | -6,380   | 188                | 10.70       | -6,380      | 188          | 10.70 | -6,380  |
| 129       | 9.95  | -10,130  | 189                | 10.75       | -10,130     | 189          | 10.75 | -10,130 |
| 130       | 10.00 | -0,130   | 190                | 10.80       | -0,130      | 190          | 10.80 | -0,130  |
| 131       | 10.05 | -3,880   | 191                | 10.85       | -3,880      | 191          | 10.85 | -3,880  |
| 132       | 10.10 | -6,380   | 192                | 10.90       | -6,380      | 192          | 10.90 | -6,380  |
| 133       | 10.15 | -10,130  | 193                | 11.00       | -0,130      | 193          | 11.00 | -0,130  |
| 134       | 10.20 | -22,630  | 194                | 11.10       | -22,630     | 194          | 11.10 | -22,630 |
| 135       | 10.25 | 6,130    | 195                | 11.20       | 6,130       | 195          | 11.20 | 6,130   |
| 136       | 10.30 | 7,380    | 196                | 11.30       | 7,380       | 196          | 11.30 | 7,380   |
| 137       | 10.35 | 12,380   | 197                | 11.35       | 12,380      | 197          | 11.35 | 12,380  |
| 138       | 10.40 | 14,880   | 198                | 11.40       | 14,880      | 198          | 11.40 | 14,880  |
| 139       | 10.45 | 12,380   | 199                | 11.45       | 12,380      | 199          | 11.45 | 12,380  |
| 140       | 10.50 | 6,130    | 200                | 11.50       | 6,130       | 200          | 11.50 | 6,130   |
| 141       | 10.55 | -0,130   | 201                | 11.55       | -0,130      | 201          | 11.55 | -0,130  |
| 142       | 10.60 | -6,380   | 202                | 11.60       | -6,380      | 202          | 11.60 | -6,380  |
| 143       | 10.65 | -10,130  | 203                | 11.65       | -10,130     | 203          | 11.65 | -10,130 |
| 144       | 10.70 | -14,880  | 204                | 11.70       | -14,880     | 204          | 11.70 | -14,880 |
| 145       | 10.75 | -18,630  | 205                | 11.75       | -18,630     | 205          | 11.75 | -18,630 |
| 146       | 10.80 | -22,630  | 206                | 11.80       | -22,630     | 206          | 11.80 | -22,630 |
| 147       | 10.85 | -26,380  | 207                | 11.85       | -26,380     | 207          | 11.85 | -26,380 |
| 148       | 10.90 | -30,130  | 208                | 11.90       | -30,130     | 208          | 11.90 | -30,130 |
| 149       | 10.95 | -34,880  | 209                | 11.95       | -34,880     | 209          | 11.95 | -34,880 |
| 150       | 11.00 | -38,630  | 210                | 12.00       | -38,630     | 210          | 12.00 | -38,630 |

| INDEX NO. | 218   | 313-GR-2 | ISHIZUCHI BRIDGELQ | MAX,ACCEL.= | 62.380(GAL) | T= 6.80(SEC) | NO. 2 |
|-----------|-------|----------|--------------------|-------------|-------------|--------------|-------|
| NO.       | (SEC) | (GAL)    | NO.                | (SEC)       | (GAL)       |              |       |
| 201       | 11.50 | -2,630   | 251                | 14.48       | -7,630      |              |       |
| 202       | 11.55 | -3,880   | 252                | 14.50       | -6,380      |              |       |
| 203       | 11.60 | 9,880    | 253                | 14.60       | -0,130      |              |       |
| 204       | 11.70 | -0,130   | 254                | 14.68       | -7,630      |              |       |
| 205       | 11.80 | -8,880   | 255                | 14.70       | -6,380      |              |       |
| 206       | 11.85 | -2,630   | 256                | 14.80       | 9,880       |              |       |
| 207       | 11.90 | -3,880   | 257                | 14.90       | -0,130      |              |       |
| 208       | 11.98 | 2,380    | 258                | 15.00       | -0,130      |              |       |
| 209       | 12.00 | -0,130   |                    |             |             |              |       |
| 210       | 12.05 | -6,380   |                    |             |             |              |       |
| 211       | 12.10 | -6,380   |                    |             |             |              |       |
| 212       | 12.14 | 9,880    |                    |             |             |              |       |
| 213       | 12.20 | 9,880    |                    |             |             |              |       |
| 214       | 12.28 | 3,630    |                    |             |             |              |       |
| 215       | 12.30 | 6,130    |                    |             |             |              |       |
| 216       | 12.35 | 12,380   |                    |             |             |              |       |
| 217       | 12.40 | -0,130   |                    |             |             |              |       |
| 218       | 12.45 | 9,880    |                    |             |             |              |       |
| 219       | 12.50 | 6,130    |                    |             |             |              |       |
| 220       | 12.60 | -2,630   |                    |             |             |              |       |
| 221       | 12.62 | -7,630   |                    |             |             |              |       |
| 222       | 12.68 | -3,880   |                    |             |             |              |       |
| 223       | 12.70 | -6,380   |                    |             |             |              |       |
| 224       | 12.73 | -6,380   |                    |             |             |              |       |
| 225       | 12.78 | -0,130   |                    |             |             |              |       |
| 226       | 12.80 | -6,380   |                    |             |             |              |       |
| 227       | 12.90 | 4,880    |                    |             |             |              |       |
| 228       | 13.00 | 6,130    |                    |             |             |              |       |
| 229       | 13.08 | -0,130   |                    |             |             |              |       |
| 230       | 13.10 | 2,380    |                    |             |             |              |       |
| 231       | 13.20 | 6,130    |                    |             |             |              |       |
| 232       | 13.25 | 6,130    |                    |             |             |              |       |
| 233       | 13.30 | 6,130    |                    |             |             |              |       |
| 234       | 13.35 | -0,130   |                    |             |             |              |       |
| 235       | 13.40 | 6,130    |                    |             |             |              |       |
| 236       | 13.50 | 12,380   |                    |             |             |              |       |
| 237       | 13.60 | -2,630   |                    |             |             |              |       |
| 238       | 13.70 | -3,880   |                    |             |             |              |       |
| 239       | 13.75 | -8,880   |                    |             |             |              |       |
| 240       | 13.80 | -2,630   |                    |             |             |              |       |
| 241       | 13.88 | 4,880    |                    |             |             |              |       |
| 242       | 13.90 | 2,380    |                    |             |             |              |       |
| 243       | 13.95 | 6,130    |                    |             |             |              |       |
| 244       | 14.00 | -0,130   |                    |             |             |              |       |
| 245       | 14.05 | 2,380    |                    |             |             |              |       |
| 246       | 14.10 | -0,130   |                    |             |             |              |       |
| 247       | 14.20 | 2,380    |                    |             |             |              |       |
| 248       | 14.25 | -6,380   |                    |             |             |              |       |
| 249       | 14.30 | -0,130   |                    |             |             |              |       |
| 250       | 14.40 | 6,130    |                    |             |             |              |       |

INDEX NO. 219 503-GR-11 KANNONZAKI E-W MAX.ACCEL.= 37,500(GAL) T= 0.83(SEC) NO. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)  |
|-----------|---------|-----------|---------|-----------|--------|
| 1 0.      | -2,500  | 51 2.95   | -2,500  | 101 6.00  | -2,500 |
| 2 0.07    | -3,000  | 52 3.00   | 15,000  | 102 6.10  | 7,500  |
| 3 0.10    | -3,750  | 53 3.10   | -11,250 | 103 6.17  | 0.     |
| 4 0.20    | 1,250   | 54 3.14   | -12,500 | 104 6.20  | 1,250  |
| 5 0.25    | -7,500  | 55 3.20   | 1,250   | 105 6.23  | 3,750  |
| 6 0.30    | 15,000  | 56 3.27   | -3,750  | 106 6.30  | -6,250 |
| 7 0.32    | 21,250  | 57 3.30   | 0.      | 107 6.32  | -8,750 |
| 8 0.40    | -30,000 | 58 3.33   | 5,000   | 108 6.40  | 1,250  |
| 9 0.44    | 15,000  | 59 3.40   | -3,750  | 109 6.46  | 10,000 |
| 10 0.50   | -7,500  | 60 3.50   | 5,000   | 110 6.50  | 7,500  |
| 11 0.54   | 10,000  | 61 3.55   | -1,250  | 111 6.60  | 0.     |
| 12 0.60   | -11,250 | 62 3.60   | -1,250  | 112 6.66  | 3,750  |
| 13 0.70   | 12,500  | 63 3.70   | 2,500   | 113 6.70  | 1,250  |
| 14 0.78   | -26,250 | 64 3.73   | 13,750  | 114 6.80  | 0.     |
| 15 0.80   | 1,250   | 65 3.80   | -11,250 | 115 6.90  | 8,750  |
| 16 0.83   | 37,500  | 66 3.88   | 3,750   | 116 6.96  | -1,250 |
| 17 0.90   | -23,750 | 67 3.90   | 0.      | 117 7.00  | 5,000  |
| 18 0.91   | -25,000 | 68 3.98   | -12,500 |           |        |
| 19 1.00   | 1,250   | 69 4.00   | -10,000 |           |        |
| 20 1.03   | 5,000   | 70 4.10   | 12,500  |           |        |
| 21 1.08   | -8,750  | 71 4.20   | -10,000 |           |        |
| 22 1.10   | 6,250   | 72 4.25   | 6,250   |           |        |
| 23 1.12   | 17,500  | 73 4.30   | -7,500  |           |        |
| 24 1.20   | -7,500  | 74 4.40   | 6,250   |           |        |
| 25 1.27   | -1,250  | 75 4.44   | -2,500  |           |        |
| 26 1.30   | -11,250 | 76 4.50   | 3,750   |           |        |
| 27 1.33   | -22,500 | 77 4.60   | -3,750  |           |        |
| 28 1.40   | 35,000  | 78 4.65   | 0.      |           |        |
| 29 1.50   | -11,250 | 79 4.70   | -5,000  |           |        |
| 30 1.53   | -23,750 | 80 4.80   | 5,000   |           |        |
| 31 1.58   | -13,750 | 81 4.90   | 1,250   |           |        |
| 32 1.60   | -15,000 | 82 4.96   | -2,500  |           |        |
| 33 1.70   | 26,250  | 83 5.00   | 1,250   |           |        |
| 34 1.80   | -18,750 | 84 5.05   | 7,500   |           |        |
| 35 1.88   | 6,250   | 85 5.10   | 0.      |           |        |
| 36 1.90   | 5,000   | 86 5.13   | -2,500  |           |        |
| 37 2.00   | -13,750 | 87 5.20   | 1,250   |           |        |
| 38 2.10   | 6,250   | 88 5.25   | 0.      |           |        |
| 39 2.18   | -1,250  | 89 5.30   | 5,000   |           |        |
| 40 2.20   | 1,250   | 90 5.32   | 6,250   |           |        |
| 41 2.22   | 3,750   | 91 5.40   | 0.      |           |        |
| 42 2.30   | -10,000 | 92 5.44   | 1,250   |           |        |
| 43 2.40   | 11,250  | 93 5.50   | -1,250  |           |        |
| 44 2.50   | -2,500  | 94 5.60   | 5,000   |           |        |
| 45 2.56   | -1,250  | 95 5.70   | 0.      |           |        |
| 46 2.60   | -2,500  | 96 5.77   | 8,750   |           |        |
| 47 2.70   | 2,500   | 97 5.80   | 2,500   |           |        |
| 48 2.80   | -1,250  | 98 5.88   | -8,750  |           |        |
| 49 2.89   | 1,250   | 99 5.90   | -2,500  |           |        |
| 50 2.90   | 0.      | 100 5.94  | 7,500   |           |        |

INDEX NO. 220 503-GR-11 KANNONZAKI N-S MAX.ACCEL.= -33,880(GAL) T= 1.16(SEC) NO. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)  | NO. (SEC) | (GAL) |
|-----------|---------|-----------|--------|-----------|-------|
| 1 0.      | 1,130   | 51 2.70   | -7,630 | 101 6.20  | 2,380 |
| 2 0.10    | -1,380  | 52 2.72   | -8,880 | 102 6.26  | 2,630 |
| 3 0.20    | -0,130  | 53 2.80   | 6,130  | 103 6.30  | 7,380 |
| 4 0.27    | 2,380   | 54 2.90   | 1,130  | 104 6.40  | 1,380 |
| 5 0.30    | -5,130  | 55 2.97   | 2,380  | 105 6.47  | 1,130 |
| 6 0.31    | -6,380  | 56 3.00   | -3,880 | 106 6.50  | 2,630 |
| 7 0.40    | 13,630  | 57 3.10   | -0,130 | 107 6.57  | 1,380 |
| 8 0.46    | -11,380 | 58 3.17   | 6,130  | 108 6.60  | 5,880 |
| 9 0.50    | -0,130  | 59 3.20   | 1,130  | 109 6.70  | 3,630 |
| 10 0.52   | 3,630   | 60 3.30   | -1,380 | 110 6.77  | 1,130 |
| 11 0.58   | -11,380 | 61 3.40   | 1,130  | 111 6.80  | 2,380 |
| 12 0.60   | -8,880  | 62 3.42   | 2,380  | 112 6.90  | 1,130 |
| 13 0.63   | 13,630  | 63 3.49   | 1,130  | 113 7.00  | 3,630 |
| 14 0.70   | -6,380  | 64 3.50   | 2,380  |           |       |
| 15 0.77   | 3,630   | 65 3.58   | 8,630  |           |       |
| 16 0.80   | -8,880  | 66 3.60   | 7,380  |           |       |
| 17 0.83   | -25,130 | 67 3.70   | -6,380 |           |       |
| 18 0.90   | 8,630   | 68 3.80   | 1,130  |           |       |
| 19 0.94   | -8,880  | 69 3.88   | 4,880  |           |       |
| 20 1.00   | 11,130  | 70 3.90   | 3,630  |           |       |
| 21 1.06   | 29,880  | 71 4.00   | 1,130  |           |       |
| 22 1.10   | 3,630   | 72 4.10   | 3,630  |           |       |
| 23 1.16   | -33,880 | 73 4.20   | -8,880 |           |       |
| 24 1.20   | -8,880  | 74 4.30   | 3,630  |           |       |
| 25 1.23   | 16,130  | 75 4.40   | 2,380  |           |       |
| 26 1.25   | 16,130  | 76 4.50   | -7,630 |           |       |
| 27 1.30   | 17,380  | 77 4.55   | 2,380  |           |       |
| 28 1.40   | -25,130 | 78 4.60   | -0,130 |           |       |
| 29 1.42   | -31,380 | 79 4.70   | 3,630  |           |       |
| 30 1.50   | -0,130  | 80 4.80   | 1,130  |           |       |
| 31 1.52   | 12,380  | 81 4.82   | 2,380  |           |       |
| 32 1.57   | 4,880   | 82 4.88   | -6,380 |           |       |
| 33 1.60   | 9,880   | 83 4.90   | -5,130 |           |       |
| 34 1.70   | -8,880  | 84 4.98   | 2,380  |           |       |
| 35 1.80   | 8,630   | 85 5.00   | 1,130  |           |       |
| 36 1.90   | 3,630   | 86 5.04   | -0,130 |           |       |
| 37 2.00   | 5,630   | 87 5.10   | 3,630  |           |       |
| 38 2.09   | -10,130 | 88 5.20   | -3,880 |           |       |
| 39 2.10   | -8,880  | 89 5.30   | 3,630  |           |       |
| 40 2.13   | -0,130  | 90 5.36   | 2,380  |           |       |
| 41 2.20   | -5,130  | 91 5.40   | 3,630  |           |       |
| 42 2.21   | -2,630  | 92 5.50   | 1,130  |           |       |
| 43 2.24   | -3,880  | 93 5.52   | 2,380  |           |       |
| 44 2.30   | 4,880   | 94 5.60   | 1,380  |           |       |
| 45 2.35   | 11,130  | 95 5.70   | 2,380  |           |       |
| 46 2.40   | -8,880  | 96 5.77   | 2,630  |           |       |
| 47 2.47   | 12,380  | 97 5.80   | 1,380  |           |       |
| 48 2.50   | 1,130   | 98 5.88   | 1,130  |           |       |
| 49 2.53   | -7,630  | 99 6.00   | 4,880  |           |       |
| 50 2.60   | 4,880   | 100 6.10  | 7,630  |           |       |

INDEX NO. 221 901-GR-31 P.W.R.I. CHIBA N-S MAX.ACCEL.= -48,380(GAL) T= 0.60(SEC) NO. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)  |
|-----------|---------|-----------|---------|-----------|---------|-----------|--------|
| 1 0.      | -0.880  | 51 3.10   | -19.630 | 101 6.60  | -0.880  | 151 9.50  | -3.380 |
| 2 0.08    | 5.380   | 52 3.20   | 11.630  | 102 6.65  | -9.630  | 152 9.58  | 14.130 |
| 3 0.10    | 0.380   | 53 3.27   | -4.630  | 103 6.70  | -3.380  | 153 9.60  | 11.630 |
| 4 0.13    | -3.380  | 54 3.30   | -0.880  | 104 6.75  | 2.880   | 154 9.70  | 13.380 |
| 5 0.20    | 2.880   | 55 3.40   | 5.380   | 105 6.80  | -3.380  | 155 9.80  | 5.380  |
| 6 0.30    | -7.130  | 56 3.50   | -3.380  | 106 6.90  | 7.880   | 156 9.85  | -3.380 |
| 7 0.38    | 11.630  | 57 3.55   | -7.130  | 107 6.93  | 11.630  | 157 9.90  | 5.380  |
| 8 0.40    | 1.630   | 58 3.60   | -0.880  | 108 7.00  | -0.880  | 158 9.95  | 7.880  |
| 9 0.43    | -15.880 | 59 3.67   | 5.380   | 109 7.10  | -13.380 | 159 10.00 | -0.880 |
| 10 0.50   | 24.130  | 60 3.70   | 2.880   | 110 7.20  | 6.630   | 160 10.10 | -4.630 |
| 11 0.52   | 24.130  | 61 3.78   | -3.380  | 111 7.27  | -0.880  | 161 10.16 | 2.880  |
| 12 0.60   | -48.380 | 62 3.80   | 5.380   | 112 7.30  | 4.130   | 162 10.20 | -0.880 |
| 13 0.68   | 40.380  | 63 3.83   | 11.630  | 113 7.33  | 11.630  | 163 10.30 | 0.380  |
| 14 0.70   | -13.380 | 64 3.90   | -13.380 | 114 7.40  | -10.880 | 164 10.34 | -3.380 |
| 15 0.73   | -35.880 | 65 3.93   | -19.880 | 115 7.42  | -13.380 | 165 10.40 | 7.880  |
| 16 0.80   | -0.880  | 66 4.00   | 4.130   | 116 7.50  | -0.880  | 166 10.42 | 7.880  |
| 17 0.88   | 15.380  | 67 4.02   | 9.130   | 117 7.60  | -3.380  | 167 10.50 | -7.130 |
| 18 0.90   | 11.630  | 68 4.10   | -0.880  | 118 7.70  | 11.630  | 168 10.60 | 2.880  |
| 19 0.93   | 14.130  | 69 4.12   | -4.630  | 119 7.80  | -9.630  | 169 10.65 | -3.380 |
| 20 1.00   | -25.880 | 70 4.20   | 9.130   | 120 7.90  | -0.880  | 170 10.70 | 5.380  |
| 21 1.05   | 26.630  | 71 4.30   | -6.630  | 121 7.95  | 5.380   | 171 10.73 | 9.130  |
| 22 1.10   | -3.380  | 72 4.40   | 9.130   | 122 8.00  | -0.880  | 172 10.80 | -7.130 |
| 23 1.12   | -34.630 | 73 4.50   | -9.630  | 123 8.05  | -3.380  | 173 10.87 | -0.880 |
| 24 1.20   | 24.130  | 74 4.68   | 11.630  | 124 8.10  | 2.880   | 174 10.90 | -0.880 |
| 25 1.30   | -25.880 | 75 4.70   | -7.130  | 125 8.12  | 7.880   | 175 11.00 | -0.880 |
| 26 1.37   | 11.630  | 76 4.80   | 9.130   | 126 8.20  | -10.880 | 176 11.10 | 7.880  |
| 27 1.40   | -0.880  | 77 4.90   | -7.130  | 127 8.28  | 1.630   | 177 11.18 | -3.380 |
| 28 1.42   | -19.630 | 78 5.00   | 9.130   | 128 8.30  | -0.880  | 178 11.20 | -3.380 |
| 29 1.50   | 11.630  | 79 5.10   | -12.880 | 129 8.32  | -7.130  | 179 11.30 | 0.880  |
| 30 1.52   | 15.380  | 80 5.20   | 11.630  | 130 8.40  | 5.380   | 180 11.35 | 2.880  |
| 31 1.60   | -9.630  | 81 5.30   | -4.630  | 131 8.50  | -0.880  | 181 11.40 | 1.630  |
| 32 1.70   | 6.630   | 82 5.40   | 4.130   | 132 8.55  | 7.880   | 182 11.50 | -0.880 |
| 33 1.74   | -10.880 | 83 5.50   | -8.380  | 133 8.60  | 1.630   | 183 11.55 | -3.380 |
| 34 1.80   | 11.630  | 84 5.55   | 5.380   | 134 8.68  | -9.630  | 184 11.60 | -0.880 |
| 35 1.90   | -25.880 | 85 5.60   | -0.880  | 135 8.70  | -0.880  | 185 11.62 | 2.880  |
| 36 2.00   | 11.630  | 86 5.63   | -3.380  | 136 8.75  | 11.630  | 186 11.70 | -0.880 |
| 37 2.10   | -17.130 | 87 5.70   | 0.880   | 137 8.80  | -0.880  | 187 11.80 | -0.880 |
| 38 2.18   | 26.630  | 88 5.73   | -3.380  | 138 8.85  | -9.630  | 188 11.85 | 6.630  |
| 39 2.20   | -0.880  | 89 5.80   | -0.880  | 139 8.90  | -0.880  | 189 11.90 | -0.880 |
| 40 2.23   | -13.380 | 90 5.90   | 1.630   | 140 8.97  | 5.380   | 190 11.92 | -7.130 |
| 41 2.30   | -0.880  | 91 6.00   | -4.630  | 141 9.00  | -7.130  | 191 12.00 | 9.130  |
| 42 2.35   | -2.130  | 92 6.10   | 11.630  | 142 9.03  | -13.380 |           |        |
| 43 2.40   | 1.630   | 93 6.19   | -13.380 | 143 9.10  | 11.630  |           |        |
| 44 2.46   | -8.380  | 94 6.20   | -10.880 | 144 9.13  | 14.130  |           |        |
| 45 2.50   | -3.380  | 95 6.28   | 5.380   | 145 9.20  | -7.130  |           |        |
| 46 2.60   | 9.130   | 96 6.30   | 1.630   | 146 9.28  | 9.130   |           |        |
| 47 2.70   | -20.880 | 97 6.40   | -0.880  | 147 9.30  | 7.880   |           |        |
| 48 2.80   | 24.130  | 98 6.45   | 0.380   | 148 9.35  | -10.880 |           |        |
| 49 2.90   | -19.630 | 99 6.50   | -0.880  | 149 9.40  | -0.880  |           |        |
| 50 3.00   | 15.380  | 100 6.55  | 6.630   | 150 9.43  | 4.130   |           |        |

INDEX NO. 222 901-GR-31 P.W.R.I. CHIBA E-W MAX.ACCEL.= 42,000(GAL) T= 0.90(SEC) NO. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)  |
|-----------|---------|-----------|---------|-----------|---------|-----------|--------|
| 1 0.      | -8.000  | 51 3.55   | 17.000  | 101 7.43  | 15.750  | 151 10.90 | 4.500  |
| 2 0.10    | -1.750  | 52 3.60   | -1.750  | 102 7.50  | -9.250  | 152 11.00 | 14.500 |
| 3 0.20    | -8.000  | 53 3.65   | -15.500 | 103 7.60  | 15.750  | 153 11.05 | -0.500 |
| 4 0.30    | 0.750   | 54 3.70   | -1.750  | 104 7.70  | -9.250  | 154 11.10 | 4.500  |
| 5 0.40    | 4.500   | 55 3.80   | -1.750  | 105 7.80  | -8.000  | 155 11.20 | 10.750 |
| 6 0.50    | -20.500 | 56 3.90   | -0.500  | 106 7.84  | 12.000  | 156 11.30 | 2.000  |
| 7 0.55    | -23.000 | 57 4.00   | -4.250  | 107 7.90  | -1.750  | 157 11.40 | 4.500  |
| 8 0.60    | -14.250 | 58 4.10   | 2.000   | 108 7.94  | -5.500  | 158 11.43 | -0.500 |
| 9 0.70    | 18.250  | 59 4.20   | 0.750   | 109 8.00  | 2.000   | 159 11.50 | 10.750 |
| 10 0.80   | -33.000 | 60 4.30   | -15.500 | 110 8.05  | 14.500  | 160 11.55 | 5.750  |
| 11 0.86   | -39.250 | 61 4.36   | -17.000 | 111 8.10  | 4.500   | 161 11.60 | 9.500  |
| 12 0.90   | 42.000  | 62 4.40   | 4.500   | 112 8.15  | -11.750 | 162 11.70 | -0.500 |
| 13 1.00   | -8.000  | 63 4.42   | -14.250 | 113 8.20  | -5.500  | 163 11.80 | 14.500 |
| 14 1.08   | -18.000 | 64 4.50   | 7.000   | 114 8.23  | 12.000  | 164 11.85 | -5.500 |
| 15 1.10   | -10.500 | 65 4.60   | -8.000  | 115 8.30  | -1.750  | 165 11.90 | 10.750 |
| 16 1.20   | 27.000  | 66 4.70   | -6.750  | 116 8.40  | 4.500   | 166 12.00 | 4.500  |
| 17 1.30   | -35.500 | 67 4.80   | 4.500   | 117 8.50  | 2.000   |           |        |
| 18 1.35   | 4.500   | 68 4.90   | -5.500  | 118 8.55  | -8.000  |           |        |
| 19 1.38   | 4.500   | 69 4.94   | 3.250   | 119 8.60  | -1.750  |           |        |
| 20 1.40   | 13.250  | 70 5.00   | -8.000  | 120 8.65  | 15.750  |           |        |
| 21 1.50   | -21.750 | 71 5.10   | 2.000   | 121 8.70  | 10.750  |           |        |
| 22 1.60   | 17.000  | 72 5.20   | -5.500  | 122 8.75  | 2.000   |           |        |
| 23 1.64   | -26.750 | 73 5.30   | 3.250   | 123 8.80  | 7.000   |           |        |
| 24 1.70   | 4.500   | 74 5.40   | -5.500  | 124 8.90  | -9.250  |           |        |
| 25 1.72   | 17.000  | 75 5.50   | 7.000   | 125 9.00  | 14.500  |           |        |
| 26 1.80   | -15.500 | 76 5.60   | -20.500 | 126 9.10  | -5.500  |           |        |
| 27 1.84   | -13.000 | 77 5.70   | 4.500   | 127 9.20  | 4.500   |           |        |
| 28 1.90   | -20.500 | 78 5.80   | -8.000  | 128 9.25  | -8.000  |           |        |
| 29 1.97   | 29.500  | 79 5.85   | 4.500   | 129 9.30  | -5.500  |           |        |
| 30 2.00   | 4.500   | 80 5.90   | -10.500 | 130 9.35  | 9.500   |           |        |
| 31 2.10   | -23.000 | 81 6.00   | -1.750  | 131 9.40  | 4.500   |           |        |
| 32 2.18   | 27.000  | 82 6.10   | -3.000  | 132 9.47  | -1.750  |           |        |
| 33 2.20   | 4.500   | 83 6.14   | 4.500   | 133 9.50  | 12.000  |           |        |
| 34 2.30   | -20.500 | 84 6.20   | -6.750  | 134 9.53  | 12.000  |           |        |
| 35 2.33   | 12.000  | 85 6.30   | 2.000   | 135 9.60  | -8.000  |           |        |
| 36 2.40   | -8.000  | 86 6.32   | 7.000   | 136 9.70  | 15.750  |           |        |
| 37 2.50   | -8.000  | 87 6.40   | -8.000  | 137 9.80  | -3.000  |           |        |
| 38 2.58   | 20.750  | 88 6.50   | 4.500   | 138 9.90  | 4.500   |           |        |
| 39 2.60   | -20.500 | 89 6.60   | -0.500  | 139 9.95  | -0.500  |           |        |
| 40 2.70   | 9.500   | 90 6.70   | 0.750   | 140 10.00 | 4.500   |           |        |
| 41 2.80   | -20.500 | 91 6.80   | -0.500  | 141 10.10 | 10.750  |           |        |
| 42 2.90   | 4.500   | 92 6.85   | 7.000   | 142 10.20 | 4.500   |           |        |
| 43 3.00   | -10.500 | 93 6.90   | 3.250   | 143 10.30 | 4.500   |           |        |
| 44 3.10   | 4.500   | 94 7.00   | 0.750   | 144 10.40 | 9.000   |           |        |
| 45 3.12   | 7.000   | 95 7.10   | -1.750  | 145 10.45 | 7.000   |           |        |
| 46 3.20   | -0.500  | 96 7.20   | -1.750  | 146 10.50 | 4.500   |           |        |
| 47 3.23   | -8.000  | 97 7.26   | 14.500  | 147 10.60 | 3.250   |           |        |
| 48 3.30   | -8.000  | 98 7.30   | 4.500   | 148 10.65 | 9.500   |           |        |
| 49 3.40   | 4.500   | 99 7.35   | -15.500 | 149 10.70 | -1.750  |           |        |
| 50 3.50   | -10.500 | 100 7.40  | 3.250   | 150 10.80 | 4.250   |           |        |

| INDEX NO. 223                                                                         |         | 901-GR-33 | P.W.R.I. CHIRA | N-S       | MAX.ACCEL.= 64.880(GAL) | T= 3.90(SEC) | NO. 1   |  |
|---------------------------------------------------------------------------------------|---------|-----------|----------------|-----------|-------------------------|--------------|---------|--|
| NO. (SEC)                                                                             | (GAL)   | NO. (SEC) | (GAL)          | NO. (SEC) | (GAL)                   | NO. (SEC)    | (GAL)   |  |
| 1 0.                                                                                  | -1.380  | 51 3.35   | -40.130        | 101 6.70  | -6.380                  | 151 10.00    | 16.130  |  |
| 2 0.10                                                                                | 4.880   | 52 3.40   | -31.380        | 102 6.75  | 21.130                  | 152 10.10    | 8.630   |  |
| 3 0.20                                                                                | 1.130   | 53 3.45   | -5.130         | 103 6.80  | 9.880                   | 153 10.15    | -8.880  |  |
| 4 0.30                                                                                | -5.130  | 54 3.50   | -11.380        | 104 6.84  | -0.130                  | 154 10.20    | 1.130   |  |
| 5 0.40                                                                                | 4.880   | 55 3.60   | -21.380        | 105 6.87  | 6.130                   | 155 10.30    | -22.630 |  |
| 6 0.46                                                                                | -8.880  | 56 3.65   | -22.630        | 106 6.90  | -1.380                  | 156 10.35    | -1.380  |  |
| 7 0.50                                                                                | -5.130  | 57 3.70   | -21.380        | 107 6.98  | -21.380                 | 157 10.40    | -0.130  |  |
| 8 0.55                                                                                | 8.630   | 58 3.80   | -61.380        | 108 7.00  | -20.130                 | 158 10.50    | -7.630  |  |
| 9 0.60                                                                                | 1.130   | 59 3.90   | 64.880         | 109 7.10  | 8.630                   | 159 10.60    | 13.630  |  |
| 10 0.70                                                                               | -1.380  | 60 4.00   | 16.130         | 110 7.20  | 13.630                  | 160 10.65    | 22.380  |  |
| 11 0.75                                                                               | 3.630   | 61 4.02   | 1.130          | 111 7.30  | 3.630                   | 161 10.70    | 11.130  |  |
| 12 0.80                                                                               | -5.130  | 62 4.10   | 16.130         | 112 7.35  | -11.380                 | 162 10.80    | 16.130  |  |
| 13 0.82                                                                               | -6.380  | 63 4.12   | 34.880         | 113 7.40  | -3.380                  | 163 10.90    | -11.380 |  |
| 14 0.90                                                                               | -2.630  | 64 4.20   | 16.130         | 114 7.45  | 4.880                   | 164 11.00    | 3.630   |  |
| 15 0.95                                                                               | 7.380   | 65 4.30   | 28.630         | 115 7.50  | -7.630                  | 165 11.10    | -11.380 |  |
| 16 1.00                                                                               | 3.630   | 66 4.40   | -11.380        | 116 7.52  | -8.980                  | 166 11.20    | -12.630 |  |
| 17 1.10                                                                               | 1.130   | 67 4.46   | 9.880          | 117 7.60  | 1.130                   | 167 11.30    | -2.630  |  |
| 18 1.20                                                                               | 2.380   | 68 4.50   | 16.130         | 118 7.63  | 16.130                  | 168 11.35    | -6.380  |  |
| 19 1.30                                                                               | -6.380  | 69 4.60   | -15.130        | 119 7.70  | -6.380                  | 169 11.40    | 3.630   |  |
| 20 1.35                                                                               | 1.130   | 70 4.65   | -11.380        | 120 7.77  | 14.880                  | 170 11.45    | 7.380   |  |
| 21 1.40                                                                               | -0.130  | 71 4.70   | -46.380        | 121 7.80  | 16.130                  | 171 11.50    | 6.130   |  |
| 22 1.42                                                                               | -3.880  | 72 4.80   | -33.880        | 122 7.84  | 16.130                  | 172 11.60    | 34.880  |  |
| 23 1.50                                                                               | -1.380  | 73 4.85   | 3.630          | 123 7.90  | -0.130                  | 173 11.70    | 23.630  |  |
| 24 1.60                                                                               | -6.380  | 74 4.90   | -15.130        | 124 7.93  | -2.630                  | 174 11.80    | -2.630  |  |
| 25 1.70                                                                               | 3.630   | 75 5.00   | -2.630         | 125 8.00  | 18.630                  | 175 11.82    | -3.880  |  |
| 26 1.80                                                                               | 4.880   | 76 5.10   | 22.380         | 126 8.10  | -23.880                 | 176 11.90    | -15.130 |  |
| 27 1.90                                                                               | 9.880   | 77 5.20   | -2.630         | 127 8.20  | 2.380                   | 177 12.00    | -6.380  |  |
| 28 1.95                                                                               | 6.130   | 78 5.25   | 41.130         | 128 8.25  | -5.130                  | 178 12.10    | -7.630  |  |
| 29 2.00                                                                               | 9.880   | 79 5.30   | -15.130        | 129 8.30  | 3.630                   | 179 12.20    | -8.880  |  |
| 30 2.10                                                                               | -16.380 | 80 5.35   | -43.880        | 130 8.32  | 23.630                  | 180 12.30    | -2.630  |  |
| 31 2.20                                                                               | -1.380  | 81 5.40   | -21.380        | 131 8.40  | 12.380                  | 181 12.35    | -6.380  |  |
| 32 2.25                                                                               | 16.130  | 82 5.45   | 41.130         | 132 8.50  | -15.130                 | 182 12.40    | 3.630   |  |
| 33 2.30                                                                               | -2.630  | 83 5.50   | -15.130        | 133 8.60  | -8.880                  | 183 12.50    | -2.630  |  |
| 34 2.40                                                                               | 11.130  | 84 5.55   | -61.380        | 134 8.64  | 6.130                   | 184 12.60    | 16.130  |  |
| 35 2.47                                                                               | -18.880 | 85 5.60   | -56.380        | 135 8.70  | 1.130                   | 185 12.64    | 6.130   |  |
| 36 2.50                                                                               | -10.130 | 86 5.70   | 41.130         | 136 8.80  | 29.880                  | 186 12.70    | 3.630   |  |
| 37 2.54                                                                               | -2.630  | 87 5.75   | 9.880          | 137 8.90  | -17.630                 | 187 12.80    | 22.380  |  |
| 38 2.60                                                                               | -12.630 | 88 5.80   | 19.880         | 138 9.00  | 9.880                   | 188 12.90    | 1.130   |  |
| 39 2.62                                                                               | -15.130 | 89 5.90   | -8.880         | 139 9.10  | 1.130                   | 189 13.00    | -8.880  |  |
| 40 2.70                                                                               | 3.630   | 90 5.95   | -36.380        | 140 9.20  | 16.130                  | 190 13.10    | 19.880  |  |
| 41 2.73                                                                               | 2.380   | 91 6.00   | 38.630         | 141 9.30  | -17.630                 | 191 13.20    | 2.380   |  |
| 42 2.80                                                                               | 18.630  | 92 6.10   | -2.630         | 142 9.36  | 1.130                   | 192 13.26    | 3.630   |  |
| 43 2.86                                                                               | 1.130   | 93 6.15   | 9.880          | 143 9.40  | -15.130                 | 193 13.30    | -1.380  |  |
| 44 2.90                                                                               | 1.130   | 94 6.20   | -6.380         | 144 9.45  | -31.380                 | 194 13.40    | -6.380  |  |
| 45 2.95                                                                               | -3.880  | 95 6.25   | -2.630         | 145 9.50  | -11.380                 | 195 13.50    | -8.880  |  |
| 46 3.00                                                                               | 9.880   | 96 6.30   | -31.380        | 146 9.60  | 26.130                  | 196 13.60    | -6.380  |  |
| 47 3.10                                                                               | 26.130  | 97 6.40   | -40.130        | 147 9.66  | 32.780                  | 197 13.70    | 1.130   |  |
| 48 3.20                                                                               | 3.630   | 98 6.50   | 16.130         | 148 9.70  | 16.130                  | 198 13.75    | 14.880  |  |
| 49 3.25                                                                               | 3.630   | 99 6.55   | 7.380          | 149 9.80  | -1.380                  | 199 13.80    | 3.630   |  |
| 50 3.30                                                                               | -15.130 | 100 6.60  | 8.630          | 150 9.90  | 3.630                   | 200 13.90    | 9.880   |  |
| INDEX NO. 223 901-GR-33 P.W.R.I. CHIRA N-S MAX.ACCEL.= 64.880(GAL) T= 3.90(SEC) NO. 2 |         |           |                |           |                         |              |         |  |
| NO. (SEC)                                                                             | (GAL)   | NO. (SEC) | (GAL)          | NO. (SEC) | (GAL)                   | NO. (SEC)    | (GAL)   |  |
| 201 14.00                                                                             | 1.130   | 251 18.18 | 8.630          | 301 22.30 | 1.130                   |              |         |  |
| 202 14.10                                                                             | -6.380  | 252 18.20 | 9.880          | 302 22.35 | -6.380                  |              |         |  |
| 203 14.20                                                                             | 6.130   | 253 18.25 | 11.130         | 303 22.40 | -2.630                  |              |         |  |
| 204 14.30                                                                             | 1.130   | 254 18.30 | 3.630          | 304 22.50 | -1.380                  |              |         |  |
| 205 14.40                                                                             | 2.380   | 255 18.35 | -8.880         | 305 22.60 | 1.130                   |              |         |  |
| 206 14.45                                                                             | 1.130   | 256 18.40 | -11.380        | 306 22.70 | -3.880                  |              |         |  |
| 207 14.50                                                                             | 13.630  | 257 18.50 | -8.880         | 307 22.80 | -6.380                  |              |         |  |
| 208 14.60                                                                             | -8.880  | 258 18.60 | 1.130          | 308 22.90 | -3.880                  |              |         |  |
| 209 14.70                                                                             | 6.130   | 259 18.70 | 3.630          | 309 23.00 | 6.130                   |              |         |  |
| 210 14.80                                                                             | 3.630   | 260 18.80 | 8.630          | 310 23.10 | 9.880                   |              |         |  |
| 211 14.90                                                                             | -2.630  | 261 18.90 | 7.380          | 311 23.20 | -2.630                  |              |         |  |
| 212 15.00                                                                             | 3.630   | 262 19.00 | 3.630          | 312 23.30 | -1.380                  |              |         |  |
| 213 15.10                                                                             | 7.380   | 263 19.10 | -11.380        | 313 23.40 | -3.880                  |              |         |  |
| 214 15.20                                                                             | -8.880  | 264 19.20 | -8.880         | 314 23.45 | 3.630                   |              |         |  |
| 215 15.30                                                                             | -1.380  | 265 19.30 | -11.380        | 315 23.50 | 2.380                   |              |         |  |
| 216 15.40                                                                             | 2.380   | 266 19.40 | 3.630          | 316 23.60 | 4.880                   |              |         |  |
| 217 15.50                                                                             | 1.130   | 267 19.45 | -2.630         | 317 23.70 | 2.380                   |              |         |  |
| 218 15.60                                                                             | -0.130  | 268 19.50 | 3.630          | 318 23.80 | -1.380                  |              |         |  |
| 219 15.66                                                                             | 9.880   | 269 19.55 | 9.880          | 319 23.90 | -0.130                  |              |         |  |
| 220 15.70                                                                             | 6.130   | 270 19.60 | 2.380          | 320 24.00 | -0.130                  |              |         |  |
| 221 15.80                                                                             | -6.380  | 271 19.70 | 8.630          | 321 24.10 | -1.380                  |              |         |  |
| 222 15.90                                                                             | -1.380  | 272 19.80 | 1.130          | 322 24.20 | 4.880                   |              |         |  |
| 223 16.00                                                                             | 3.630   | 273 19.85 | 3.630          | 323 24.30 | 3.630                   |              |         |  |
| 224 16.05                                                                             | -6.380  | 274 19.90 | 2.380          | 324 24.35 | -2.630                  |              |         |  |
| 225 16.10                                                                             | -8.880  | 275 19.95 | -6.380         | 325 24.40 | -1.380                  |              |         |  |
| 226 16.14                                                                             | 3.630   | 276 20.00 | -6.380         | 326 24.45 | 2.380                   |              |         |  |
| 227 16.20                                                                             | -11.380 | 277 20.05 | -3.880         | 327 24.50 | 4.880                   |              |         |  |
| 228 16.30                                                                             | -3.880  | 278 20.10 | -11.380        | 328 24.60 | -2.630                  |              |         |  |
| 229 16.36                                                                             | -5.130  | 279 20.20 | -6.380         | 329 24.70 | -0.130                  |              |         |  |
| 230 16.40                                                                             | 3.630   | 280 20.30 | 3.630          | 330 24.80 | -2.630                  |              |         |  |
| 231 16.45                                                                             | 9.880   | 281 20.40 | 13.630         | 331 24.90 | 6.130                   |              |         |  |
| 232 16.50                                                                             | 2.380   | 282 20.50 | 2.380          | 332 24.95 | 3.630                   |              |         |  |
| 233 16.60                                                                             | 2.380   | 283 20.60 | 1.130          | 333 25.00 | 4.880                   |              |         |  |
| 234 16.70                                                                             | -6.380  | 284 20.70 | -8.880         |           |                         |              |         |  |
| 235 16.80                                                                             | 22.380  | 285 20.80 | 6.130          |           |                         |              |         |  |
| 236 16.90                                                                             | 22.380  | 286 20.90 | 3.630          |           |                         |              |         |  |
| 237 17.00                                                                             | 9.880   | 287 21.00 | -3.880         |           |                         |              |         |  |
| 238 17.10                                                                             | -18.880 | 288 21.10 | -6.380         |           |                         |              |         |  |
| 239 17.20                                                                             | -8.880  | 289 21.20 | 6.130          |           |                         |              |         |  |
| 240 17.30                                                                             | 1.130   | 290 21.30 | -8.880         |           |                         |              |         |  |
| 241 17.35                                                                             | 3.630   | 291 21.40 | 3.630          |           |                         |              |         |  |
| 242 17.40                                                                             | -3.880  | 292 21.50 | -2.630         |           |                         |              |         |  |
| 243 17.45                                                                             | -8.880  | 293 21.60 | 3.630          |           |                         |              |         |  |
| 244 17.50                                                                             | -6.380  | 294 21.70 | -3.880         |           |                         |              |         |  |
| 245 17.60                                                                             | 6.130   | 295 21.80 | 2.380          |           |                         |              |         |  |
| 246 17.70                                                                             | 3.630   | 296 21.90 | -2.630         |           |                         |              |         |  |
| 247 17.80                                                                             | 3.630   | 297 21.95 | 3.630          |           |                         |              |         |  |
| 248 17.90                                                                             | -6.380  | 298 22.00 | -3.880         |           |                         |              |         |  |
| 249 18.00                                                                             | -6.380  | 299 22.10 | 9.880          |           |                         |              |         |  |
| 250 18.10                                                                             | 11.130  | 300 22.20 | 2.380          |           |                         |              |         |  |

INDEX NO. 224 901-GR-33 P.W.R.I. CHIRA E-W MAX.ACCEL.= -45,880(GAL) T= 5.95(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|---------|
| 1   | 0.    | -2,130  | 51  | 3.80  | 21,630  | 101 | 7.35  | -8,380  | 151 | 10.90 | 9,130   |
| 2   | 0.07  | -3,580  | 52  | 3.90  | 16,630  | 102 | 7.40  | -2,130  | 152 | 11.00 | 10,380  |
| 3   | 0.10  | -0,880  | 53  | 4.00  | -2,130  | 103 | 7.45  | -3,380  | 153 | 11.10 | -2,130  |
| 4   | 0.20  | -2,130  | 54  | 4.10  | -17,130 | 104 | 7.50  | -10,380 | 154 | 11.20 | -14,630 |
| 5   | 0.30  | 4,130   | 55  | 4.20  | 7,880   | 105 | 7.55  | 7,880   | 155 | 11.30 | -2,130  |
| 6   | 0.40  | -8,380  | 56  | 4.25  | -24,630 | 106 | 7.60  | 4,130   | 156 | 11.40 | 10,380  |
| 7   | 0.50  | -2,130  | 57  | 4.30  | -8,380  | 107 | 7.63  | 5,380   | 157 | 11.50 | -2,130  |
| 8   | 0.55  | 3,380   | 58  | 4.35  | 20,380  | 108 | 7.70  | -3,380  | 158 | 11.60 | -5,880  |
| 9   | 0.60  | 0,380   | 59  | 4.40  | -20,880 | 109 | 7.80  | -27,130 | 159 | 11.75 | 0,380   |
| 10  | 0.65  | -2,130  | 60  | 4.50  | 10,380  | 110 | 7.90  | -9,630  | 160 | 11.80 | 6,630   |
| 11  | 0.70  | 0,380   | 61  | 4.60  | -27,130 | 111 | 8.00  | -5,880  | 161 | 12.00 | 0,380   |
| 12  | 0.80  | -4,630  | 62  | 4.70  | 37,880  | 112 | 8.02  | 15,380  | 162 | 12.02 | -2,130  |
| 13  | 0.90  | -2,130  | 63  | 4.80  | -28,380 | 113 | 8.10  | 4,130   | 163 | 12.10 | 20,380  |
| 14  | 1.00  | -2,130  | 64  | 4.90  | 22,880  | 114 | 8.20  | -9,630  | 164 | 12.20 | -4,130  |
| 15  | 1.10  | 10,380  | 65  | 5.00  | -2,130  | 115 | 8.30  | 6,630   | 165 | 12.30 | -22,130 |
| 16  | 1.20  | -4,630  | 66  | 5.10  | -17,130 | 116 | 8.40  | -12,130 | 166 | 12.40 | 9,130   |
| 17  | 1.30  | -14,630 | 67  | 5.20  | -14,630 | 117 | 8.50  | -12,130 | 167 | 12.50 | 10,380  |
| 18  | 1.40  | 15,380  | 68  | 5.25  | -20,880 | 118 | 8.60  | -0,380  | 168 | 12.60 | 14,130  |
| 19  | 1.50  | 1,630   | 69  | 5.30  | 29,130  | 119 | 8.70  | -4,630  | 169 | 12.70 | 7,880   |
| 20  | 1.60  | -13,380 | 70  | 5.35  | -4,630  | 120 | 8.80  | -8,380  | 170 | 12.80 | -12,130 |
| 21  | 1.70  | -9,630  | 71  | 5.40  | -10,380 | 121 | 8.87  | -2,130  | 171 | 12.90 | 10,380  |
| 22  | 1.80  | -2,130  | 72  | 5.45  | 32,880  | 122 | 8.90  | -4,630  | 172 | 13.00 | -2,130  |
| 23  | 1.85  | 10,380  | 73  | 5.50  | -39,630 | 123 | 8.94  | -8,380  | 173 | 13.10 | -5,880  |
| 24  | 1.90  | 35,380  | 74  | 5.55  | -10,380 | 124 | 9.00  | -16,630 | 174 | 13.20 | -3,380  |
| 25  | 2.00  | -2,130  | 75  | 5.60  | 21,630  | 125 | 9.05  | -2,130  | 175 | 13.30 | -2,130  |
| 26  | 2.10  | -0,880  | 76  | 5.65  | -27,130 | 126 | 9.08  | -3,380  | 176 | 13.40 | -5,880  |
| 27  | 2.15  | -12,130 | 77  | 5.70  | 0,380   | 127 | 9.10  | -4,130  | 177 | 13.50 | -14,630 |
| 28  | 2.20  | -15,880 | 78  | 5.75  | -39,630 | 128 | 9.13  | 0,380   | 178 | 13.60 | 10,380  |
| 29  | 2.30  | -12,130 | 79  | 5.80  | -45,880 | 129 | 9.15  | -8,380  | 179 | 13.70 | 19,130  |
| 30  | 2.40  | 24,130  | 80  | 5.85  | -4,630  | 130 | 9.20  | -10,380 | 180 | 13.80 | 0,380   |
| 31  | 2.45  | -2,130  | 81  | 5.90  | 10,380  | 131 | 9.25  | -12,130 | 181 | 13.90 | -2,130  |
| 32  | 2.50  | -15,880 | 82  | 6.00  | -2,130  | 132 | 9.30  | -16,630 | 182 | 14.00 | -5,880  |
| 33  | 2.53  | -4,630  | 83  | 6.07  | -10,380 | 133 | 9.35  | -2,130  | 183 | 14.10 | -10,380 |
| 34  | 2.60  | -27,130 | 84  | 6.10  | 21,630  | 134 | 9.40  | -4,630  | 184 | 14.20 | -14,630 |
| 35  | 2.70  | -0,880  | 85  | 6.20  | -28,380 | 135 | 9.50  | -8,380  | 185 | 14.30 | -18,880 |
| 36  | 2.77  | -8,380  | 86  | 6.27  | -10,380 | 136 | 9.55  | -12,130 | 186 | 14.40 | -22,130 |
| 37  | 2.80  | -3,380  | 87  | 6.30  | 4,130   | 137 | 9.60  | -16,630 | 187 | 14.50 | -26,380 |
| 38  | 2.82  | 7,880   | 88  | 6.40  | -37,130 | 138 | 9.65  | -2,130  | 188 | 14.60 | -30,630 |
| 39  | 2.90  | -8,380  | 89  | 6.50  | -45,880 | 139 | 9.70  | -4,630  | 189 | 14.70 | -34,880 |
| 40  | 2.95  | 11,630  | 90  | 6.55  | -4,630  | 140 | 9.75  | -8,380  | 190 | 14.80 | -39,130 |
| 41  | 3.00  | 12,880  | 91  | 6.60  | 10,380  | 141 | 10.00 | -12,130 | 191 | 14.90 | -43,380 |
| 42  | 3.03  | -4,630  | 92  | 6.70  | 0,380   | 142 | 10.05 | -16,630 | 192 | 15.00 | -47,630 |
| 43  | 3.10  | 34,130  | 93  | 6.80  | -20,880 | 143 | 10.10 | -2,130  | 193 | 15.10 | -51,880 |
| 44  | 3.20  | -14,630 | 94  | 6.90  | -39,630 | 144 | 10.20 | -4,630  | 194 | 15.20 | -56,080 |
| 45  | 3.30  | -27,130 | 95  | 7.00  | -45,880 | 145 | 10.30 | -8,380  | 195 | 15.30 | -60,330 |
| 46  | 3.32  | 2,880   | 96  | 7.10  | -10,380 | 146 | 10.40 | -12,130 | 196 | 15.40 | -64,580 |
| 47  | 3.40  | -33,380 | 97  | 7.15  | 0,380   | 147 | 10.50 | -16,630 | 197 | 15.50 | -68,830 |
| 48  | 3.50  | 20,380  | 98  | 7.20  | -4,630  | 148 | 10.60 | -2,130  | 198 | 15.60 | -73,080 |
| 49  | 3.60  | -23,380 | 99  | 7.25  | 12,880  | 149 | 10.70 | -4,630  | 199 | 15.70 | -77,330 |
| 50  | 3.70  | -23,380 | 100 | 7.30  | -2,130  | 150 | 10.80 | -8,380  | 200 | 15.80 | -81,580 |

INDEX NO. 224 901-GR-33 P.W.R.I. CHIRA E-W MAX.ACCEL.= -45,880(GAL) T= 5.95(SEC) NO. 2

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 201 | 15.50 | 9,130   | 251 | 19.60 | -2,130  | 301 | 23.90 | 10,380 |
| 202 | 15.60 | 10,380  | 252 | 19.70 | 12,880  | 302 | 24.00 | 7,880  |
| 203 | 15.70 | -8,380  | 253 | 19.80 | 10,380  | 303 | 24.05 | 4,130  |
| 204 | 15.80 | 0,380   | 254 | 19.90 | 6,630   | 304 | 24.10 | 5,380  |
| 205 | 15.90 | -0,880  | 255 | 20.00 | -2,130  | 305 | 24.20 | 7,880  |
| 206 | 16.00 | 9,130   | 256 | 20.10 | -9,630  | 306 | 24.30 | -2,130 |
| 207 | 16.10 | 17,880  | 257 | 20.20 | 10,380  | 307 | 24.40 | 4,130  |
| 208 | 16.20 | 10,380  | 258 | 20.30 | 9,130   | 308 | 24.50 | -3,380 |
| 209 | 16.30 | -2,130  | 259 | 20.35 | 10,380  | 309 | 24.60 | 4,130  |
| 210 | 16.40 | -9,630  | 260 | 20.40 | 7,880   | 310 | 24.65 | 0,380  |
| 211 | 16.50 | -2,130  | 261 | 20.50 | 10,380  | 311 | 24.70 | 5,380  |
| 212 | 16.60 | -13,380 | 262 | 20.55 | -4,630  | 312 | 24.75 | 7,880  |
| 213 | 16.70 | -14,630 | 263 | 20.60 | 0,380   | 313 | 24.80 | 0,380  |
| 214 | 16.80 | -2,130  | 264 | 20.70 | -2,130  | 314 | 24.85 | -3,380 |
| 215 | 16.85 | 10,380  | 265 | 20.80 | 2,880   | 315 | 24.90 | -2,130 |
| 216 | 16.90 | 4,130   | 266 | 20.85 | 9,130   | 316 | 25.00 | 2,880  |
| 217 | 16.95 | 2,880   | 267 | 20.90 | 7,880   |     |       |        |
| 218 | 17.00 | 22,880  | 268 | 21.00 | 4,130   |     |       |        |
| 219 | 17.10 | 7,880   | 269 | 21.10 | 0,380   |     |       |        |
| 220 | 17.20 | -2,130  | 270 | 21.20 | 9,130   |     |       |        |
| 221 | 17.25 | -3,380  | 271 | 21.30 | 0,380   |     |       |        |
| 222 | 17.30 | 0,380   | 272 | 21.40 | 6,630   |     |       |        |
| 223 | 17.35 | 5,380   | 273 | 21.50 | 2,880   |     |       |        |
| 224 | 17.40 | 4,130   | 274 | 21.60 | -2,130  |     |       |        |
| 225 | 17.50 | -2,130  | 275 | 21.70 | -2,130  |     |       |        |
| 226 | 17.55 | 9,130   | 276 | 21.80 | -4,630  |     |       |        |
| 227 | 17.60 | -3,380  | 277 | 21.85 | -12,130 |     |       |        |
| 228 | 17.70 | 2,880   | 278 | 21.90 | -2,130  |     |       |        |
| 229 | 17.80 | 6,630   | 279 | 22.00 | -0,880  |     |       |        |
| 230 | 17.85 | 9,130   | 280 | 22.10 | 2,880   |     |       |        |
| 231 | 17.90 | -12,130 | 281 | 22.20 | 11,630  |     |       |        |
| 232 | 17.95 | -15,880 | 282 | 22.30 | 10,380  |     |       |        |
| 233 | 18.00 | -14,630 | 283 | 22.37 | 11,630  |     |       |        |
| 234 | 18.10 | 0,380   | 284 | 22.40 | 7,880   |     |       |        |
| 235 | 18.20 | 4,130   | 285 | 22.50 | 0,380   |     |       |        |
| 236 | 18.25 | 12,880  | 286 | 22.60 | -3,380  |     |       |        |
| 237 | 18.30 | 10,380  | 287 | 22.70 | -2,130  |     |       |        |
| 238 | 18.40 | 0,380   | 288 | 22.80 | -2,130  |     |       |        |
| 239 | 18.45 | 2,880   | 289 | 22.90 | 10,380  |     |       |        |
| 240 | 18.50 | -4,630  | 290 | 22.95 | 12,880  |     |       |        |
| 241 | 18.60 | -2,880  | 291 | 23.00 | 11,670  |     |       |        |
| 242 | 18.70 | 15,380  | 292 | 23.10 | 10,380  |     |       |        |
| 243 | 18.80 | -2,130  | 293 | 23.20 | -2,130  |     |       |        |
| 244 | 18.90 | -12,130 | 294 | 23.30 | -0,880  |     |       |        |
| 245 | 19.00 | -2,130  | 295 | 23.40 | 0,380   |     |       |        |
| 246 | 19.10 | 4,130   | 296 | 23.50 | -2,130  |     |       |        |
| 247 | 19.20 | -2,130  | 297 | 23.60 | -3,380  |     |       |        |
| 248 | 19.30 | -2,130  | 298 | 23.70 | -2,130  |     |       |        |
| 249 | 19.40 | 2,880   | 299 | 23.80 | 11,630  |     |       |        |
| 250 | 19.50 | 10,380  | 300 | 23.87 | 15,380  |     |       |        |

INDEX NO. 225 901-GR-37 P.W.R.I. CHIRA N-S MAX.ACCEL.= 50.880(GAL) T= 1.15(SEC)

NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|
| 1   | 0.    | 0.880   | 51  | 3.28  | 0.880   | 101 | 6.60  | -0.380  |
| 2   | 0.10  | 4.630   | 52  | 3.30  | 3.380   | 102 | 6.70  | 7.130   |
| 3   | 0.17  | -1.630  | 53  | 3.35  | 13.380  | 103 | 6.80  | -10.380 |
| 4   | 0.20  | 0.880   | 54  | 3.40  | 5.380   | 104 | 6.90  | 10.880  |
| 5   | 0.30  | 0.880   | 55  | 3.50  | -10.380 | 105 | 7.00  | -11.630 |
| 6   | 0.35  | 4.630   | 56  | 3.58  | 10.880  | 106 | 7.10  | 0.880   |
| 7   | 0.40  | 2.130   | 57  | 3.60  | 0.880   | 107 | 7.15  | 0.480   |
| 8   | 0.50  | 0.880   | 58  | 3.65  | -1.630  | 108 | 7.20  | 5.480   |
| 9   | 0.60  | 2.130   | 59  | 3.70  | 0.880   | 109 | 7.30  | -11.630 |
| 10  | 0.65  | 5.880   | 60  | 3.75  | 7.130   | 110 | 7.40  | 9.680   |
| 11  | 0.70  | 0.880   | 61  | 3.80  | 0.880   | 111 | 7.50  | -2.880  |
| 12  | 0.72  | -0.380  | 62  | 3.85  | -9.130  | 112 | 7.57  | 2.130   |
| 13  | 0.80  | 12.130  | 63  | 3.90  | -5.380  | 113 | 7.60  | 0.880   |
| 14  | 0.90  | -5.380  | 64  | 3.95  | 13.380  | 114 | 7.70  | -9.130  |
| 15  | 1.00  | -26.630 | 65  | 4.00  | 5.380   | 115 | 7.80  | 0.880   |
| 16  | 1.02  | -24.130 | 66  | 4.04  | -11.630 | 116 | 7.90  | -4.130  |
| 17  | 1.08  | -30.380 | 67  | 4.10  | 13.380  | 117 | 8.00  | -0.380  |
| 18  | 1.10  | -25.380 | 68  | 4.20  | -10.380 |     |       |         |
| 19  | 1.15  | 50.880  | 69  | 4.30  | -0.380  |     |       |         |
| 20  | 1.20  | 13.380  | 70  | 4.40  | -5.380  |     |       |         |
| 21  | 1.22  | 7.130   | 71  | 4.50  | 4.630   |     |       |         |
| 22  | 1.30  | 13.380  | 72  | 4.60  | 3.380   |     |       |         |
| 23  | 1.40  | -34.130 | 73  | 4.68  | -5.380  |     |       |         |
| 24  | 1.50  | 20.880  | 74  | 4.70  | 0.880   |     |       |         |
| 25  | 1.60  | -5.380  | 75  | 4.75  | 5.380   |     |       |         |
| 26  | 1.65  | 17.130  | 76  | 4.80  | -7.880  |     |       |         |
| 27  | 1.70  | 0.880   | 77  | 4.90  | -0.380  |     |       |         |
| 28  | 1.80  | -2.880  | 78  | 5.00  | 0.880   |     |       |         |
| 29  | 1.82  | 4.630   | 79  | 5.10  | 2.130   |     |       |         |
| 30  | 1.90  | -14.130 | 80  | 5.14  | 7.130   |     |       |         |
| 31  | 2.00  | 8.380   | 81  | 5.20  | -5.380  |     |       |         |
| 32  | 2.05  | 13.380  | 82  | 5.30  | -5.380  |     |       |         |
| 33  | 2.10  | 10.880  | 83  | 5.40  | 2.130   |     |       |         |
| 34  | 2.20  | -9.130  | 84  | 5.50  | 0.880   |     |       |         |
| 35  | 2.22  | -17.880 | 85  | 5.55  | 5.880   |     |       |         |
| 36  | 2.30  | -9.130  | 86  | 5.60  | -0.380  |     |       |         |
| 37  | 2.40  | 14.630  | 87  | 5.70  | 3.380   |     |       |         |
| 38  | 2.50  | -7.880  | 88  | 5.80  | -5.380  |     |       |         |
| 39  | 2.60  | 7.130   | 89  | 5.90  | -5.380  |     |       |         |
| 40  | 2.70  | -11.630 | 90  | 5.98  | 7.130   |     |       |         |
| 41  | 2.75  | 12.130  | 91  | 6.00  | 2.130   |     |       |         |
| 42  | 2.80  | -6.630  | 92  | 6.10  | 0.880   |     |       |         |
| 43  | 2.83  | -10.380 | 93  | 6.20  | -2.880  |     |       |         |
| 44  | 2.90  | 0.880   | 94  | 6.25  | -10.380 |     |       |         |
| 45  | 2.94  | 13.380  | 95  | 6.30  | 0.880   |     |       |         |
| 46  | 3.00  | -11.630 | 96  | 6.32  | 5.880   |     |       |         |
| 47  | 3.02  | -12.880 | 97  | 6.40  | 0.880   |     |       |         |
| 48  | 3.10  | 3.380   | 98  | 6.47  | -5.380  |     |       |         |
| 49  | 3.15  | 0.880   | 99  | 6.50  | 0.880   |     |       |         |
| 50  | 3.20  | 3.380   | 100 | 6.55  | 7.130   |     |       |         |

INDEX NO. 226 901-GR-37 P.W.R.I. CHIBA E-W MAX.ACCEL.= -49.630(GAL) T= 0.67(SEC)

NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 1   | 0.    | -3.380  | 51  | 3.25  | 12.880  | 101 | 7.10  | 2.880  |
| 2   | 0.05  | 0.880   | 52  | 3.40  | 0.380   | 102 | 7.20  | 0.880  |
| 3   | 0.10  | -0.880  | 53  | 3.50  | 0.380   | 103 | 7.30  | -2.130 |
| 4   | 0.18  | 0.380   | 54  | 3.60  | -5.880  | 104 | 7.35  | -5.880 |
| 5   | 0.20  | -2.130  | 55  | 3.70  | 1.630   | 105 | 7.40  | -2.130 |
| 6   | 0.30  | -7.130  | 56  | 3.78  | 6.630   | 106 | 7.50  | 0.380  |
| 7   | 0.40  | 15.380  | 57  | 3.80  | 0.380   | 107 | 7.55  | 6.630  |
| 8   | 0.44  | 14.130  | 58  | 3.90  | -0.380  | 108 | 7.60  | 0.380  |
| 9   | 0.50  | 17.880  | 59  | 4.00  | -5.880  | 109 | 7.70  | -2.130 |
| 10  | 0.60  | -35.880 | 60  | 4.05  | 0.380   | 110 | 7.80  | -2.130 |
| 11  | 0.67  | -49.630 | 61  | 4.10  | 0.380   | 111 | 7.90  | -3.380 |
| 12  | 0.70  | -38.380 | 62  | 4.20  | 12.880  | 112 | 8.00  | 0.380  |
| 13  | 0.77  | 12.880  | 63  | 4.30  | -3.380  |     |       |        |
| 14  | 0.80  | -2.130  | 64  | 4.40  | -4.630  |     |       |        |
| 15  | 0.90  | 25.380  | 65  | 4.50  | -5.880  |     |       |        |
| 16  | 0.92  | 31.630  | 66  | 4.56  | 12.880  |     |       |        |
| 17  | 1.00  | -18.380 | 67  | 4.60  | 0.380   |     |       |        |
| 18  | 1.05  | 21.630  | 68  | 4.65  | -5.880  |     |       |        |
| 19  | 1.10  | 37.130  | 69  | 4.70  | 2.880   |     |       |        |
| 20  | 1.20  | 15.380  | 70  | 4.80  | -7.130  |     |       |        |
| 21  | 1.25  | -41.380 | 71  | 4.90  | -0.880  |     |       |        |
| 22  | 1.30  | 11.630  | 72  | 4.95  | 6.630   |     |       |        |
| 23  | 1.32  | 19.130  | 73  | 5.00  | 0.380   |     |       |        |
| 24  | 1.40  | -0.880  | 74  | 5.10  | -5.880  |     |       |        |
| 25  | 1.50  | -18.380 | 75  | 5.20  | 1.630   |     |       |        |
| 26  | 1.60  | 17.880  | 76  | 5.30  | -5.880  |     |       |        |
| 27  | 1.70  | 0.380   | 77  | 5.40  | 0.380   |     |       |        |
| 28  | 1.74  | -5.880  | 78  | 5.42  | 6.630   |     |       |        |
| 29  | 1.80  | 1.630   | 79  | 5.50  | 0.380   |     |       |        |
| 30  | 1.85  | -0.880  | 80  | 5.60  | 0.380   |     |       |        |
| 31  | 1.90  | 0.380   | 81  | 5.70  | -10.880 |     |       |        |
| 32  | 2.00  | -3.380  | 82  | 5.80  | -2.130  |     |       |        |
| 33  | 2.04  | 12.880  | 83  | 5.84  | 2.880   |     |       |        |
| 34  | 2.10  | -18.380 | 84  | 5.90  | -6.380  |     |       |        |
| 35  | 2.20  | 19.130  | 85  | 6.00  | 2.880   |     |       |        |
| 36  | 2.30  | -12.130 | 86  | 6.10  | -12.130 |     |       |        |
| 37  | 2.40  | 2.880   | 87  | 6.20  | 11.630  |     |       |        |
| 38  | 2.43  | 16.630  | 88  | 6.27  | -0.880  |     |       |        |
| 39  | 2.50  | 6.630   | 89  | 6.30  | -0.880  |     |       |        |
| 40  | 2.60  | 0.380   | 90  | 6.38  | 10.380  |     |       |        |
| 41  | 2.62  | 2.880   | 91  | 6.40  | 4.130   |     |       |        |
| 42  | 2.70  | -18.380 | 92  | 6.46  | -18.380 |     |       |        |
| 43  | 2.80  | 19.130  | 93  | 6.50  | -12.130 |     |       |        |
| 44  | 2.90  | -12.130 | 94  | 6.60  | 2.880   |     |       |        |
| 45  | 3.00  | 17.880  | 95  | 6.70  | -5.880  |     |       |        |
| 46  | 3.10  | -12.130 | 96  | 6.80  | 1.630   |     |       |        |
| 47  | 3.15  | 13.880  | 97  | 6.90  | -5.880  |     |       |        |
| 48  | 3.20  | 0.880   | 98  | 6.95  | 2.880   |     |       |        |
| 49  | 3.25  | -17.130 | 99  | 7.00  | 2.880   |     |       |        |
| 50  | 3.30  | -0.880  | 100 | 7.05  | -2.130  |     |       |        |

INDEX NO. 227 902-GR-25 NISHIARAI BRIDGELS MAX.ACCEL.= -77.380(GAL) T= 6.15(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|---------|
| 1   | 0.    | 7.630   | 51  | 3.10  | 31.380  | 101 | 6.15  | -77.380 | 151 | 9.93  | 22.630  |
| 2   | 0.05  | -4.880  | 52  | 3.20  | -21.130 | 102 | 6.20  | -73.430 | 152 | 10.00 | 16.380  |
| 3   | 0.10  | -2.380  | 53  | 3.25  | -2.380  | 103 | 6.30  | -33.430 | 153 | 10.10 | 16.380  |
| 4   | 0.15  | -1.130  | 54  | 3.30  | -8.630  | 104 | 6.40  | 3.880   | 154 | 10.20 | -2.380  |
| 5   | 0.20  | -2.380  | 55  | 3.33  | -2.380  | 105 | 6.45  | 1.380   | 155 | 10.30 | -6.130  |
| 6   | 0.30  | 0.130   | 56  | 3.40  | -21.130 | 106 | 6.50  | 16.380  | 156 | 10.32 | -2.380  |
| 7   | 0.35  | 6.380   | 57  | 3.50  | 18.880  | 107 | 6.60  | 61.380  | 157 | 10.40 | -8.630  |
| 8   | 0.40  | 3.880   | 58  | 3.55  | 3.880   | 108 | 6.70  | 12.530  | 158 | 10.50 | -21.130 |
| 9   | 0.45  | 0.130   | 59  | 3.60  | 6.380   | 109 | 6.80  | -1.130  | 159 | 10.55 | -12.380 |
| 10  | 0.50  | 0.130   | 60  | 3.70  | -11.130 | 110 | 6.90  | 12.630  | 160 | 10.60 | -12.380 |
| 11  | 0.60  | -1.130  | 61  | 3.73  | -3.630  | 111 | 6.98  | -12.380 | 161 | 10.70 | 3.880   |
| 12  | 0.70  | -6.130  | 62  | 3.80  | -21.130 | 112 | 7.00  | -8.630  | 162 | 10.80 | -8.630  |
| 13  | 0.75  | -2.380  | 63  | 3.85  | -21.130 | 113 | 7.10  | 26.380  | 163 | 10.90 | 22.630  |
| 14  | 0.80  | -2.380  | 64  | 3.90  | 3.880   | 114 | 7.20  | -21.130 | 164 | 11.00 | 16.380  |
| 15  | 0.90  | -2.380  | 65  | 4.00  | 53.880  | 115 | 7.25  | -14.880 | 165 | 11.10 | 1.380   |
| 16  | 0.95  | -8.630  | 66  | 4.06  | 22.630  | 116 | 7.30  | -17.380 | 166 | 11.15 | 1.380   |
| 17  | 1.00  | 3.880   | 67  | 4.10  | 18.880  | 117 | 7.35  | -3.430  | 167 | 11.20 | -8.630  |
| 18  | 1.05  | 3.880   | 68  | 4.13  | 16.380  | 118 | 7.40  | -8.630  | 168 | 11.30 | -14.880 |
| 19  | 1.10  | 0.130   | 69  | 4.20  | -8.630  | 119 | 7.45  | -21.130 | 169 | 11.40 | 16.380  |
| 20  | 1.15  | 3.880   | 70  | 4.30  | -58.630 | 120 | 7.50  | -14.880 | 170 | 11.50 | 7.630   |
| 21  | 1.20  | -2.380  | 71  | 4.36  | -17.380 | 121 | 7.60  | 16.380  | 171 | 11.60 | 5.130   |
| 22  | 1.25  | -8.630  | 72  | 4.40  | -14.880 | 122 | 7.65  | 28.880  | 172 | 11.65 | 3.880   |
| 23  | 1.30  | -1.130  | 73  | 4.46  | -1.130  | 123 | 7.70  | 22.630  | 173 | 11.70 | 10.130  |
| 24  | 1.35  | 0.130   | 74  | 4.50  | -2.380  | 124 | 7.73  | 20.130  | 174 | 11.80 | -8.630  |
| 25  | 1.40  | -1.130  | 75  | 4.60  | -28.880 | 125 | 7.80  | 3.880   | 175 | 11.86 | -12.380 |
| 26  | 1.45  | -2.380  | 76  | 4.63  | 30.130  | 126 | 7.85  | 1.380   | 176 | 11.90 | -3.630  |
| 27  | 1.50  | 10.130  | 77  | 4.70  | 11.380  | 127 | 7.90  | -8.630  | 177 | 11.95 | -2.380  |
| 28  | 1.60  | 16.380  | 78  | 4.80  | 3.880   | 128 | 8.00  | -27.380 | 178 | 12.00 | -2.380  |
| 29  | 1.70  | -2.380  | 79  | 4.83  | 13.880  | 129 | 8.10  | 3.880   | 179 | 12.05 | 1.380   |
| 30  | 1.75  | 11.130  | 80  | 4.90  | -33.630 | 130 | 8.20  | 23.880  | 180 | 12.10 | -2.380  |
| 31  | 1.80  | -2.380  | 81  | 5.00  | -31.130 | 131 | 8.30  | 0.130   | 181 | 12.15 | -2.380  |
| 32  | 1.82  | 1.380   | 82  | 5.05  | -33.630 | 132 | 8.40  | 14.380  | 182 | 12.20 | 10.130  |
| 33  | 1.90  | -8.630  | 83  | 5.10  | 3.880   | 133 | 8.50  | -12.380 | 183 | 12.30 | -8.630  |
| 34  | 1.95  | -14.880 | 84  | 5.12  | 11.880  | 134 | 8.55  | -8.630  | 184 | 12.35 | -14.880 |
| 35  | 2.00  | -11.130 | 85  | 5.20  | 3.880   | 135 | 8.60  | -12.380 | 185 | 12.40 | -8.630  |
| 36  | 2.05  | -11.130 | 86  | 5.25  | 31.380  | 136 | 8.70  | -14.880 | 186 | 12.45 | 6.380   |
| 37  | 2.10  | 1.380   | 87  | 5.30  | 26.380  | 137 | 8.80  | 3.880   | 187 | 12.50 | 6.380   |
| 38  | 2.20  | 3.880   | 88  | 5.35  | 23.880  | 138 | 8.90  | 28.880  | 188 | 12.60 | 3.880   |
| 39  | 2.25  | 3.880   | 89  | 5.40  | 16.380  | 139 | 9.00  | 3.880   | 189 | 12.70 | 16.380  |
| 40  | 2.30  | 10.130  | 90  | 5.45  | 7.630   | 140 | 9.10  | -17.380 | 190 | 12.80 | 3.880   |
| 41  | 2.40  | 22.630  | 91  | 5.50  | 10.130  | 141 | 9.20  | -8.630  | 191 | 12.85 | 3.880   |
| 42  | 2.50  | -8.630  | 92  | 5.54  | 20.130  | 142 | 9.30  | 0.130   | 192 | 12.90 | 6.380   |
| 43  | 2.55  | -21.130 | 93  | 5.60  | -8.630  | 143 | 9.40  | 10.130  | 193 | 13.00 | 1.380   |
| 44  | 2.60  | -21.130 | 94  | 5.70  | -33.630 | 144 | 9.44  | 23.880  | 194 | 13.03 | 3.880   |
| 45  | 2.70  | -27.380 | 95  | 5.80  | 28.880  | 145 | 9.50  | 3.880   | 195 | 13.10 | -14.880 |
| 46  | 2.80  | -18.630 | 96  | 5.83  | 41.380  | 146 | 9.55  | -21.130 | 196 | 13.20 | -4.880  |
| 47  | 2.90  | 16.380  | 97  | 5.90  | 16.380  | 147 | 9.60  | -11.130 | 197 | 13.25 | 1.380   |
| 48  | 2.93  | 22.630  | 98  | 5.99  | 35.130  | 148 | 9.70  | 3.880   | 198 | 13.30 | -8.630  |
| 49  | 3.00  | 22.630  | 99  | 6.00  | 28.880  | 149 | 9.80  | -6.130  | 199 | 13.35 | -18.630 |
| 50  | 3.02  | 10.130  | 100 | 6.10  | -64.880 | 150 | 9.90  | 16.380  | 200 | 13.40 | -8.630  |

INDEX NO. 227 902-GR-25 NISHIARAI BRIDGELS MAX.ACCEL.= -77.380(GAL) T= 6.15(SEC) NO. 2

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|---------|
| 201 | 13.45 | 7.630   | 251 | 17.60 | -3.880  | 301 | 21.80 | -11.130 | 351 | 26.05 | -4.880  |
| 202 | 13.50 | 7.630   | 252 | 17.70 | -12.380 | 302 | 21.90 | -11.130 | 352 | 26.10 | -6.130  |
| 203 | 13.60 | 3.880   | 253 | 17.75 | -12.380 | 303 | 22.00 | 1.380   | 353 | 26.20 | -16.380 |
| 204 | 13.70 | 16.380  | 254 | 17.80 | -2.380  | 304 | 22.10 | 3.880   | 354 | 26.30 | -1.130  |
| 205 | 13.80 | 1.380   | 255 | 17.90 | 1.380   | 305 | 22.15 | 6.380   | 355 | 26.40 | -1.130  |
| 206 | 13.85 | 1.380   | 256 | 18.00 | 3.880   | 306 | 22.20 | 1.380   | 356 | 26.45 | 3.880   |
| 207 | 13.90 | 3.880   | 257 | 18.10 | 10.130  | 307 | 22.30 | 12.630  | 357 | 26.50 | -2.380  |
| 208 | 14.00 | -12.380 | 258 | 18.15 | 16.380  | 308 | 22.40 | -2.380  | 358 | 26.60 | 3.880   |
| 209 | 14.10 | 1.380   | 259 | 18.20 | 7.630   | 309 | 22.50 | -2.380  | 359 | 26.70 | 1.380   |
| 210 | 14.20 | 1.380   | 260 | 18.30 | -8.630  | 310 | 22.60 | -2.380  | 360 | 26.80 | 1.380   |
| 211 | 14.30 | 3.880   | 261 | 18.40 | -8.630  | 311 | 22.68 | 6.380   | 361 | 26.90 | -2.380  |
| 212 | 14.40 | 12.630  | 262 | 18.45 | -1.130  | 312 | 22.70 | 3.880   | 362 | 27.00 | -2.380  |
| 213 | 14.50 | 3.880   | 263 | 18.50 | -6.130  | 313 | 22.73 | 3.880   | 363 | 27.03 | -1.130  |
| 214 | 14.55 | -6.130  | 264 | 18.60 | -8.630  | 314 | 22.80 | -6.130  | 364 | 27.10 | -6.130  |
| 215 | 14.60 | -3.630  | 265 | 18.70 | 1.380   | 315 | 22.90 | -8.630  | 365 | 27.20 | -2.380  |
| 216 | 14.70 | -2.380  | 266 | 18.80 | -3.630  | 316 | 23.00 | 3.880   | 366 | 27.30 | 3.880   |
| 217 | 14.80 | -2.380  | 267 | 18.85 | -6.130  | 317 | 23.05 | 6.380   | 367 | 27.40 | 1.380   |
| 218 | 14.90 | 1.380   | 268 | 18.90 | 3.880   | 318 | 23.10 | -2.380  | 368 | 27.50 | -4.880  |
| 219 | 15.00 | 1.380   | 269 | 18.98 | 18.880  | 319 | 23.20 | -1.130  | 369 | 27.60 | -6.130  |
| 220 | 15.10 | -2.380  | 270 | 19.00 | 10.130  | 320 | 23.30 | 3.880   | 370 | 27.70 | -2.380  |
| 221 | 15.20 | 6.380   | 271 | 19.10 | -1.130  | 321 | 23.40 | -4.880  | 371 | 27.80 | -2.380  |
| 222 | 15.25 | 10.130  | 272 | 19.20 | -2.380  | 322 | 23.50 | -4.880  | 372 | 27.90 | -6.130  |
| 223 | 15.30 | 0.130   | 273 | 19.30 | -18.630 | 323 | 23.60 | -11.130 | 373 | 28.00 | -3.630  |
| 224 | 15.40 | -2.380  | 274 | 19.40 | -8.630  | 324 | 23.70 | -4.880  |     |       |         |
| 225 | 15.50 | 3.880   | 275 | 19.45 | 3.880   | 325 | 23.80 | 7.630   |     |       |         |
| 226 | 15.60 | 6.380   | 276 | 19.50 | 1.380   | 326 | 23.90 | 16.000  |     |       |         |
| 227 | 15.65 | 7.630   | 277 | 19.60 | 10.130  | 327 | 24.00 | 18.880  |     |       |         |
| 228 | 15.70 | 3.880   | 278 | 19.70 | 16.380  | 328 | 24.10 | 10.130  |     |       |         |
| 229 | 15.80 | 7.630   | 279 | 19.80 | -2.380  | 329 | 24.20 | -8.630  |     |       |         |
| 230 | 15.90 | 3.880   | 280 | 19.90 | -11.130 | 330 | 24.30 | -13.630 |     |       |         |
| 231 | 16.00 | -2.380  | 281 | 20.00 | -14.880 | 331 | 24.40 | -17.380 |     |       |         |
| 232 | 16.03 | -8.630  | 282 | 20.10 | 3.880   | 332 | 24.48 | -8.630  |     |       |         |
| 233 | 16.10 | -8.630  | 283 | 20.20 | 16.380  | 333 | 24.50 | -12.380 |     |       |         |
| 234 | 16.20 | -8.630  | 284 | 20.30 | 7.630   | 334 | 24.60 | 3.880   |     |       |         |
| 235 | 16.25 | 1.380   | 285 | 20.40 | 1.380   | 335 | 24.65 | 13.880  |     |       |         |
| 236 | 16.30 | 0.130   | 286 | 20.48 | 3.880   | 336 | 24.70 | 10.130  |     |       |         |
| 237 | 16.35 | 7.630   | 287 | 20.50 | -8.630  | 337 | 24.75 | 10.130  |     |       |         |
| 238 | 16.40 | 1.380   | 288 | 20.55 | -11.130 | 338 | 24.80 | 3.880   |     |       |         |
| 239 | 16.50 | -8.630  | 289 | 20.60 | -4.880  | 339 | 24.90 | 0.130   |     |       |         |
| 240 | 16.60 | 3.880   | 290 | 20.70 | -2.380  | 340 | 25.00 | -6.130  |     |       |         |
| 241 | 16.70 | 1.380   | 291 | 20.80 | 1.380   | 341 | 25.10 | -11.130 |     |       |         |
| 242 | 16.80 | 1.380   | 292 | 20.90 | -11.130 | 342 | 25.20 | -8.630  |     |       |         |
| 243 | 16.90 | 16.380  | 293 | 21.00 | 0.130   | 343 | 25.30 | -2.380  |     |       |         |
| 244 | 17.00 | 3.880   | 294 | 21.10 | 3.880   | 344 | 25.40 | 7.630   |     |       |         |
| 245 | 17.10 | 10.130  | 295 | 21.20 | 8.880   | 345 | 25.50 | 6.380   |     |       |         |
| 246 | 17.20 | -11.130 | 296 | 21.30 | 6.380   | 346 | 25.60 | 2.630   |     |       |         |
| 247 | 17.22 | -14.880 | 297 | 21.40 | 3.880   | 347 | 25.70 | 3.880   |     |       |         |
| 248 | 17.35 | -8.630  | 298 | 21.50 | 7.630   | 348 | 25.80 | 3.880   |     |       |         |
| 249 | 17.40 | -1.380  | 299 | 21.60 | -4.880  | 349 | 25.90 | -4.880  |     |       |         |
| 250 | 17.50 | -4.880  | 300 | 21.70 | -14.880 | 350 | 26.00 | -6.130  |     |       |         |

| INDEX NO. 228 902-QR-25 NISHIARAI BRIDGE |         |           |         | MAX.ACCEL.= 46.000(GAL) T= 6.45(SEC) |         |           |         | NO. 1     |       |
|------------------------------------------|---------|-----------|---------|--------------------------------------|---------|-----------|---------|-----------|-------|
| NO. (SEC)                                | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC)                            | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL) |
| 1 0.                                     | 1,000   | 51 3.10   | 18,500  | 101 5.80                             | -25,250 | 151 8.88  | 21,000  |           |       |
| 2 0.08                                   | -4,000  | 52 3.15   | -0,250  | 102 5.88                             | -22,750 | 152 8.90  | 18,500  |           |       |
| 3 0.10                                   | -0,250  | 53 3.20   | 18,500  | 103 5.90                             | -27,750 | 153 9.00  | 1,000   |           |       |
| 4 0.13                                   | 6,000   | 54 3.23   | 33,500  | 104 5.92                             | -31,500 | 154 9.10  | -29,000 |           |       |
| 5 0.18                                   | -1,500  | 55 3.30   | 6,000   | 105 6.00                             | -16,500 | 155 9.15  | -21,500 |           |       |
| 6 0.20                                   | -0,250  | 56 3.33   | -0,250  | 106 6.05                             | -44,000 | 156 9.20  | -19,000 |           |       |
| 7 0.23                                   | 3,500   | 57 3.38   | 16,000  | 107 6.10                             | -31,500 | 157 9.30  | 12,250  |           |       |
| 8 0.30                                   | -0,250  | 58 3.40   | 12,250  | 108 6.12                             | -27,750 | 158 9.38  | 6,000   |           |       |
| 9 0.35                                   | -4,000  | 59 3.48   | 16,000  | 109 6.20                             | -21,500 | 159 9.40  | 6,000   |           |       |
| 10 0.40                                  | 6,000   | 60 3.50   | 6,000   | 110 6.30                             | -6,500  | 160 9.42  | 13,500  |           |       |
| 11 0.45                                  | -2,750  | 61 3.55   | -19,000 | 111 6.38                             | 31,000  | 161 9.50  | 3,500   |           |       |
| 12 0.50                                  | -1,500  | 62 3.60   | -12,750 | 112 6.40                             | 31,000  | 162 9.53  | 6,000   |           |       |
| 13 0.60                                  | 6,000   | 63 3.62   | -4,000  | 113 6.45                             | 46,000  | 163 9.60  | -6,500  |           |       |
| 14 0.65                                  | 8,500   | 64 3.70   | -35,250 | 114 6.48                             | 46,000  | 164 9.64  | 6,000   |           |       |
| 15 0.70                                  | -2,750  | 65 3.77   | -19,000 | 115 6.50                             | 41,000  | 165 9.70  | 6,000   |           |       |
| 16 0.80                                  | -2,750  | 66 3.80   | -19,000 | 116 6.60                             | 16,000  | 166 9.73  | 12,250  |           |       |
| 17 0.88                                  | 9,750   | 67 3.90   | -0,250  | 117 6.63                             | 12,250  | 167 9.80  | -6,500  |           |       |
| 18 0.90                                  | 6,000   | 68 3.95   | 32,250  | 118 6.70                             | -19,000 | 168 9.90  | -31,500 |           |       |
| 19 1.00                                  | -1,500  | 69 4.00   | -0,250  | 119 6.80                             | -19,000 | 169 10.00 | -31,500 |           |       |
| 20 1.04                                  | 6,000   | 70 4.06   | 23,500  | 120 6.83                             | -37,750 | 170 10.10 | 6,000   |           |       |
| 21 1.10                                  | -6,500  | 71 4.10   | 18,500  | 121 6.90                             | -24,000 | 171 10.20 | 34,750  |           |       |
| 22 1.18                                  | -4,000  | 72 4.12   | 22,250  | 122 7.00                             | -37,750 | 172 10.25 | 34,750  |           |       |
| 23 1.20                                  | -6,500  | 73 4.20   | -6,500  | 123 7.10                             | 18,500  | 173 10.30 | 18,500  |           |       |
| 24 1.28                                  | 6,000   | 74 4.25   | 11,000  | 124 7.13                             | 14,750  | 174 10.40 | -12,750 |           |       |
| 25 1.30                                  | 3,500   | 75 4.30   | -6,500  | 125 7.20                             | 16,000  | 175 10.50 | -31,500 |           |       |
| 26 1.40                                  | -1,500  | 76 4.35   | -21,500 | 126 7.26                             | 12,250  | 176 10.55 | -31,500 |           |       |
| 27 1.50                                  | -2,750  | 77 4.40   | -19,000 | 127 7.30                             | -2,750  | 177 10.60 | -6,500  |           |       |
| 28 1.52                                  | -6,500  | 78 4.50   | -0,250  | 128 7.35                             | 3,500   | 178 10.70 | 6,000   |           |       |
| 29 1.60                                  | -2,750  | 79 4.52   | -15,250 | 129 7.40                             | -6,500  | 179 10.80 | -4,000  |           |       |
| 30 1.65                                  | -2,750  | 80 4.60   | -9,000  | 130 7.50                             | 6,000   | 180 10.85 | -6,500  |           |       |
| 31 1.70                                  | 3,500   | 81 4.65   | -21,500 | 131 7.53                             | 8,500   | 181 10.90 | -2,750  |           |       |
| 32 1.75                                  | 1,000   | 82 4.70   | 6,000   | 132 7.60                             | -11,500 | 182 11.00 | -6,500  |           |       |
| 33 1.80                                  | 6,000   | 83 4.72   | 16,000  | 133 7.65                             | -6,500  | 183 11.10 | 18,500  |           |       |
| 34 1.90                                  | 6,000   | 84 4.80   | 3,500   | 134 7.70                             | -19,000 | 184 11.20 | 24,750  |           |       |
| 35 2.00                                  | 9,750   | 85 4.88   | 16,000  | 135 7.75                             | -27,750 | 185 11.30 | 12,250  |           |       |
| 36 2.10                                  | 6,000   | 86 4.90   | -0,250  | 136 7.80                             | -12,750 | 186 11.40 | -6,500  |           |       |
| 37 2.16                                  | -2,750  | 87 4.98   | 6,000   | 137 7.90                             | 3,500   | 187 11.45 | -6,500  |           |       |
| 38 2.20                                  | -1,500  | 88 5.00   | -6,500  | 138 8.00                             | 31,000  | 188 11.50 | -17,500 |           |       |
| 39 2.25                                  | -6,500  | 89 5.03   | -12,750 | 139 8.10                             | 6,000   | 189 11.60 | -31,500 |           |       |
| 40 2.30                                  | -6,500  | 90 5.08   | -6,500  | 140 8.15                             | -0,250  | 190 11.65 | -34,000 |           |       |
| 41 2.40                                  | 2,250   | 91 5.10   | -12,750 | 141 8.20                             | -3,500  | 191 11.70 | -19,000 |           |       |
| 42 2.43                                  | 1,000   | 92 5.15   | -21,500 | 142 8.25                             | -2,750  | 192 11.75 | -9,000  |           |       |
| 43 2.50                                  | 13,500  | 93 5.20   | -14,000 | 143 8.30                             | 1,000   | 193 11.80 | -15,250 |           |       |
| 44 2.60                                  | 18,500  | 94 5.30   | -14,000 | 144 8.35                             | 6,000   | 194 11.90 | 6,000   |           |       |
| 45 2.70                                  | -6,500  | 95 5.40   | 8,500   | 145 8.40                             | -0,250  | 195 12.00 | 18,500  |           |       |
| 46 2.80                                  | -31,500 | 96 5.45   | -6,500  | 146 8.50                             | -21,500 | 196 12.10 | 6,000   |           |       |
| 47 2.88                                  | -44,000 | 97 5.50   | 19,500  | 147 8.60                             | -32,250 | 197 12.20 | 6,000   |           |       |
| 48 2.90                                  | -41,500 | 98 5.60   | 43,500  | 148 8.70                             | 6,000   | 198 12.30 | -16,500 |           |       |
| 49 3.00                                  | -6,500  | 99 5.62   | 31,000  | 149 8.78                             | -0,250  | 199 12.40 | -12,750 |           |       |
| 50 3.09                                  | 31,000  | 100 5.70  | 31,000  | 150 8.80                             | -6,000  | 200 12.50 | -0,250  |           |       |

| INDEX NO. 228 902-QR-25 NISHIARAI BRIDGE |         |           |         | MAX.ACCEL.= 46.000(GAL) T= 6.45(SEC) |         |           |         | NO. 2     |       |
|------------------------------------------|---------|-----------|---------|--------------------------------------|---------|-----------|---------|-----------|-------|
| NO. (SEC)                                | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC)                            | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL) |
| 201 12.60                                | -6,500  | 251 15.93 | 9,750   | 301 19.55                            | 9,750   | 351 23.30 | -0,250  |           |       |
| 202 12.67                                | -6,500  | 252 16.00 | 9,750   | 302 19.60                            | 6,000   | 352 23.32 | 3,500   |           |       |
| 203 12.70                                | -12,750 | 253 16.05 | 9,750   | 303 19.70                            | -0,250  | 353 23.40 | 3,500   |           |       |
| 204 12.80                                | -6,500  | 254 16.10 | -0,250  | 304 19.75                            | -4,000  | 354 23.50 | 9,750   |           |       |
| 205 12.90                                | 17,250  | 255 16.20 | -19,000 | 305 19.80                            | -0,250  | 355 23.60 | -2,750  |           |       |
| 206 13.00                                | 13,500  | 256 16.30 | -16,500 | 306 19.90                            | -6,500  | 356 23.65 | -5,250  |           |       |
| 207 13.10                                | -1,500  | 257 16.40 | -19,000 | 307 20.00                            | -4,000  | 357 23.70 | -0,250  |           |       |
| 208 13.15                                | -4,500  | 258 16.45 | -9,000  | 308 20.10                            | 6,000   | 358 23.80 | 6,000   |           |       |
| 209 13.20                                | -6,500  | 259 16.50 | -9,000  | 309 20.12                            | 6,000   | 359 23.90 | 1,500   |           |       |
| 210 13.30                                | -12,750 | 260 16.53 | -4,000  | 310 20.20                            | -0,250  | 360 24.00 | -0,250  |           |       |
| 211 13.40                                | -2,750  | 261 16.60 | -0,250  | 311 20.28                            | 3,500   | 361 24.10 | -4,000  |           |       |
| 212 13.50                                | -2,750  | 262 16.70 | 19,500  | 312 20.30                            | 2,250   | 362 24.20 | 6,000   |           |       |
| 213 13.60                                | -6,500  | 263 16.80 | 40,000  | 313 20.40                            | 6,000   | 363 24.30 | 16,500  |           |       |
| 214 13.70                                | 6,000   | 264 16.90 | -2,750  | 314 20.45                            | 1,000   | 364 24.40 | 6,000   |           |       |
| 215 13.75                                | 9,750   | 265 16.92 | -4,000  | 315 20.50                            | 1,000   | 365 24.50 | -1,500  |           |       |
| 216 13.80                                | -0,250  | 266 17.00 | 1,000   | 316 20.60                            | 6,000   | 366 24.60 | -16,500 |           |       |
| 217 13.90                                | 6,000   | 267 17.10 | -15,250 | 317 20.62                            | 6,000   | 367 24.70 | -6,500  |           |       |
| 218 13.98                                | 12,250  | 268 17.20 | -12,750 | 318 20.70                            | -0,250  | 368 24.80 | 12,250  |           |       |
| 219 14.00                                | -12,750 | 269 17.30 | -10,250 | 319 20.80                            | 1,500   | 369 24.85 | 3,500   |           |       |
| 220 14.05                                | -21,500 | 270 17.40 | -4,000  | 320 20.90                            | -9,000  | 370 24.90 | 6,000   |           |       |
| 221 14.10                                | -19,000 | 271 17.43 | 6,000   | 321 21.00                            | -0,250  | 371 25.00 | 11,000  |           |       |
| 222 14.20                                | -6,500  | 272 17.50 | -2,750  | 322 21.10                            | 6,000   | 372 25.05 | 9,750   |           |       |
| 223 14.25                                | -1,500  | 273 17.55 | -6,500  | 323 21.12                            | 13,500  | 373 25.10 | 12,250  |           |       |
| 224 14.30                                | -4,000  | 274 17.60 | -6,500  | 324 21.30                            | 6,000   | 374 25.20 | 8,500   |           |       |
| 225 14.40                                | -0,250  | 275 17.66 | -9,000  | 325 21.40                            | -6,500  | 375 25.30 | 6,000   |           |       |
| 226 14.45                                | -0,250  | 276 17.70 | 6,000   | 326 21.50                            | -6,500  | 376 25.40 | -1,500  |           |       |
| 227 14.50                                | -6,500  | 277 17.75 | 13,500  | 327 21.60                            | -9,000  | 377 25.50 | -1,500  |           |       |
| 228 14.53                                | -6,500  | 278 17.80 | 18,500  | 328 21.70                            | 8,500   | 378 25.52 | -1,500  |           |       |
| 229 14.60                                | 12,250  | 279 17.90 | 19,500  | 329 21.80                            | 6,000   | 379 25.60 | -6,000  |           |       |
| 230 14.65                                | 18,500  | 280 18.00 | -12,750 | 330 21.90                            | -0,250  | 380 25.70 | -9,000  |           |       |
| 231 14.70                                | 6,000   | 281 18.10 | -19,000 | 331 22.00                            | -1,500  | 381 25.80 | 12,250  |           |       |
| 232 14.78                                | 9,750   | 282 18.20 | -12,750 | 332 22.06                            | -4,700  | 382 25.90 | 18,500  |           |       |
| 233 14.80                                | 3,500   | 283 18.25 | -1,500  | 333 22.10                            | 3,500   | 383 26.00 | 26,000  |           |       |
| 234 14.90                                | -12,750 | 284 18.30 | -1,500  | 334 22.15                            | 7,250   | 384 26.10 | 8,500   |           |       |
| 235 15.00                                | -12,750 | 285 18.40 | 1,000   | 335 22.20                            | 6,000   | 385 26.20 | -6,500  |           |       |
| 236 15.05                                | -4,000  | 286 18.48 | 8,500   | 336 22.30                            | -6,500  | 386 26.30 | -4,000  |           |       |
| 237 15.10                                | -4,000  | 287 18.50 | 6,000   | 337 22.38                            | -10,250 | 387 26.40 | -9,000  |           |       |
| 238 15.15                                | -0,250  | 288 18.55 | 2,250   | 338 22.40                            | -6,500  | 388 26.50 | -6,500  |           |       |
| 239 15.20                                | -2,750  | 289 18.60 | 6,000   | 339 22.45                            | 3,500   | 389 26.60 | -2,750  |           |       |
| 240 15.25                                | -0,250  | 290 18.70 | 6,000   | 340 22.50                            | 3,500   | 390 26.70 | 6,000   |           |       |
| 241 15.30                                | -0,250  | 291 18.80 | 8,500   | 341 22.60                            | -0,250  | 391 26.80 | 18,500  |           |       |
| 242 15.40                                | -3,500  | 292 18.85 | 2,250   | 342 22.65                            | 6,000   | 392 26.90 | 12,250  |           |       |
| 243 15.48                                | -0,250  | 293 18.90 | 6,000   | 343 22.70                            | 6,000   | 393 27.00 | 8,500   |           |       |
| 244 15.50                                | -0,250  | 294 19.00 | -0,250  | 344 22.78                            | 12,250  | 394 27.10 | -2,250  |           |       |
| 245 15.52                                | -0,250  | 295 19.10 | -9,000  | 345 22.80                            | 6,000   | 395 27.20 | -4,000  |           |       |
| 246 15.60                                | -2,750  | 296 19.20 | -14,000 | 346 22.90                            | 3,500   | 396 27.25 | -6,500  |           |       |
| 247 15.68                                | 6,000   | 297 19.30 | -0,250  | 347 23.00                            | 3,500   | 397 27.30 | -0,250  |           |       |
| 248 15.70                                | 3,500   | 298 19.40 | 6,000   | 348 23.08                            | -9,000  | 398 27.40 | 9,750   |           |       |
| 249 15.80                                | -0,250  | 299 19.45 | 9,750   | 349 23.10                            | -6,500  | 399 27.50 | 8,500   |           |       |
| 250 15.90                                | 6,000   | 300 19.50 | 6,000   | 350 23.20                            | -6,500  | 400 27.60 | -2,750  |           |       |

INDEX NO. 228 902-CR-25 NISHIARA1 BRIDGE

MAX.ACCEL.= 46,000(GAL)

T= 6.45(SEC)

NO. 3

| NO. | (SEC) | (GAL)  |
|-----|-------|--------|
| 401 | 27.70 | -0.250 |
| 402 | 27.75 | -0.250 |
| 403 | 27.80 | 6.000  |
| 404 | 27.90 | 9.750  |
| 405 | 28.00 | 9.750  |

INDEX NO. 229 905-C-117 OCHIAI BRIDGE E-W

MAX.ACCEL.= -48,750(GAL)

T= 0.54(SEC)

NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL) |
|-----|-------|---------|-----|-------|---------|-----|-------|-------|
| 1   | 0.    | -5.000  | 51  | 2.46  | 13.750  | 101 | 6.70  | 1.250 |
| 2   | 0.04  | -2.500  | 52  | 2.50  | 11.250  | 102 | 6.80  | 1.250 |
| 3   | 0.06  | -10.000 | 53  | 2.60  | 2.500   | 103 | 6.90  | 0.    |
| 4   | 0.08  | 2.500   | 54  | 2.70  | 1.250   | 104 | 7.00  | 2.500 |
| 5   | 0.10  | -1.250  | 55  | 2.80  | -10.000 | 105 | 7.05  | 5.000 |
| 6   | 0.15  | 8.750   | 56  | 2.90  | 12.500  | 106 | 7.10  | 3.750 |
| 7   | 0.20  | -1.250  | 57  | 2.98  | 15.000  | 107 | 7.20  | 1.250 |
| 8   | 0.24  | -13.750 | 58  | 3.00  | 8.750   | 108 | 7.30  | 5.000 |
| 9   | 0.28  | -1.250  | 59  | 3.10  | -7.500  | 109 | 7.40  | 3.750 |
| 10  | 0.30  | -8.750  | 60  | 3.20  | -8.750  | 110 | 7.50  | 1.250 |
| 11  | 0.32  | -13.750 | 61  | 3.30  | 1.250   | 111 | 7.60  | 1.250 |
| 12  | 0.40  | 22.500  | 62  | 3.40  | 5.000   | 112 | 7.70  | 5.000 |
| 13  | 0.44  | -20.000 | 63  | 3.46  | 15.000  | 113 | 7.80  | 6.250 |
| 14  | 0.50  | -1.250  | 64  | 3.50  | 11.250  | 114 | 7.85  | 3.750 |
| 15  | 0.54  | -48.750 | 65  | 3.60  | -10.000 | 115 | 7.90  | 1.250 |
| 16  | 0.60  | 23.750  | 66  | 3.70  | -2.500  | 116 | 8.00  | 1.250 |
| 17  | 0.68  | 3.750   | 67  | 3.80  | 10.000  |     |       |       |
| 18  | 0.70  | 25.000  | 68  | 3.88  | 2.500   |     |       |       |
| 19  | 0.75  | -28.750 | 69  | 3.90  | 6.250   |     |       |       |
| 20  | 0.80  | -2.500  | 70  | 4.00  | -11.250 |     |       |       |
| 21  | 0.84  | -10.000 | 71  | 4.10  | -15.000 |     |       |       |
| 22  | 0.88  | 5.000   | 72  | 4.20  | -1.250  |     |       |       |
| 23  | 0.90  | -1.250  | 73  | 4.28  | 12.500  |     |       |       |
| 24  | 0.92  | 11.250  | 74  | 4.30  | 11.250  |     |       |       |
| 25  | 0.98  | -16.250 | 75  | 4.40  | 0.      |     |       |       |
| 26  | 1.00  | -2.500  | 76  | 4.50  | -16.250 |     |       |       |
| 27  | 1.05  | -18.750 | 77  | 4.60  | -1.250  |     |       |       |
| 28  | 1.10  | 3.750   | 78  | 4.70  | 11.250  |     |       |       |
| 29  | 1.20  | 15.000  | 79  | 4.80  | 3.750   |     |       |       |
| 30  | 1.25  | -12.500 | 80  | 4.90  | -11.250 |     |       |       |
| 31  | 1.30  | 10.000  | 81  | 5.00  | -10.000 |     |       |       |
| 32  | 1.34  | -13.750 | 82  | 5.10  | 5.000   |     |       |       |
| 33  | 1.40  | -7.500  | 83  | 5.16  | 15.000  |     |       |       |
| 34  | 1.48  | 12.500  | 84  | 5.20  | 13.750  |     |       |       |
| 35  | 1.50  | 5.000   | 85  | 5.30  | -1.250  |     |       |       |
| 36  | 1.57  | -6.250  | 86  | 5.37  | -17.000 |     |       |       |
| 37  | 1.60  | 6.250   | 87  | 5.40  | -15.000 |     |       |       |
| 38  | 1.65  | 7.500   | 88  | 5.50  | -1.250  |     |       |       |
| 39  | 1.70  | -2.500  | 89  | 5.60  | 8.250   |     |       |       |
| 40  | 1.80  | -6.250  | 90  | 5.70  | 3.750   |     |       |       |
| 41  | 1.85  | 6.250   | 91  | 5.80  | 2.500   |     |       |       |
| 42  | 1.90  | 2.500   | 92  | 5.90  | 7.500   |     |       |       |
| 43  | 2.00  | 20.000  | 93  | 6.00  | 2.500   |     |       |       |
| 44  | 2.07  | -10.000 | 94  | 6.10  | 1.250   |     |       |       |
| 45  | 2.10  | -1.250  | 95  | 6.20  | 8.750   |     |       |       |
| 46  | 2.18  | 7.500   | 96  | 6.30  | 1.250   |     |       |       |
| 47  | 2.20  | 1.250   | 97  | 6.40  | 1.250   |     |       |       |
| 48  | 2.29  | -17.500 | 98  | 6.50  | 1.250   |     |       |       |
| 49  | 2.30  | -16.250 | 99  | 6.60  | 2.500   |     |       |       |
| 50  | 2.40  | -1.250  | 100 | 6.62  | 3.750   |     |       |       |

INDEX No. 230 905-G-117 OCHIAI BRIDGE N-S MAX.ACCEL.= -45,500(GAL) T= 0.65(SEC)

No. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|
| 1 0.      | -10,500 | 51 2.00   | -6,750  | 101 5.00  | -11,750 |
| 2 0.02    | -1,750  | 52 2.03   | -8,000  | 102 5.10  | -6,750  |
| 3 0.03    | -6,750  | 53 2.10   | -14,250 | 103 5.20  | 4,500   |
| 4 0.07    | 8,250   | 54 2.17   | 14,500  | 104 5.25  | 8,250   |
| 5 0.10    | -1,750  | 55 2.20   | 14,500  | 105 5.30  | 7,000   |
| 6 0.12    | 4,500   | 56 2.22   | 4,500   | 106 5.40  | -4,250  |
| 7 0.18    | -0,500  | 57 2.28   | 4,500   | 107 5.50  | -6,750  |
| 8 0.20    | 5,750   | 58 2.30   | -4,250  | 108 5.55  | -6,750  |
| 9 0.25    | -8,000  | 59 2.40   | 2,000   | 109 5.60  | 2,000   |
| 10 0.28   | 4,500   | 60 2.42   | 4,250   | 110 5.70  | 2,000   |
| 11 0.30   | -10,500 | 61 2.48   | -4,250  | 111 5.80  | 4,500   |
| 12 0.40   | 26,750  | 62 2.50   | -6,750  | 112 5.90  | -8,000  |
| 13 0.42   | 12,000  | 63 2.58   | 4,500   | 113 6.00  | -10,500 |
| 14 0.45   | 27,000  | 64 2.60   | 4,500   | 114 6.10  | 4,500   |
| 15 0.48   | -13,000 | 65 2.65   | 17,000  | 115 6.15  | 4,500   |
| 16 0.50   | -3,000  | 66 2.70   | 15,250  | 116 6.20  | 8,250   |
| 17 0.55   | -35,500 | 67 2.80   | -16,750 | 117 6.50  | 8,250   |
| 18 0.60   | 4,500   | 68 2.85   | -18,000 | 118 6.40  | -5,500  |
| 19 0.65   | -45,500 | 69 2.88   | -13,000 | 119 6.45  | -3,000  |
| 20 0.70   | 14,500  | 70 2.90   | -13,000 | 120 6.50  | -1,750  |
| 21 0.72   | 59,500  | 71 3.00   | 14,500  | 121 6.60  | -0,500  |
| 22 0.75   | -5,500  | 72 3.10   | 2,000   | 122 6.70  | 2,000   |
| 23 0.80   | 27,000  | 73 3.15   | -10,500 | 123 6.80  | -1,750  |
| 24 0.88   | -10,500 | 74 3.20   | -10,500 | 124 6.90  | -6,750  |
| 25 0.90   | 2,000   | 75 3.25   | -0,500  | 125 7.00  | 2,000   |
| 26 0.92   | 33,250  | 76 3.30   | -3,500  | 126 7.10  | 4,500   |
| 27 1.00   | -35,500 | 77 3.33   | 4,500   | 127 7.20  | 2,000   |
| 28 1.02   | 8,250   | 78 3.40   | 2,000   | 128 7.30  | 9,500   |
| 29 1.10   | -16,750 | 79 3.50   | 2,000   | 129 7.40  | 2,000   |
| 30 1.12   | 5,750   | 80 3.56   | 4,500   | 130 7.50  | -1,750  |
| 31 1.18   | -9,250  | 81 3.60   | 4,500   | 131 7.55  | 2,000   |
| 32 1.20   | -10,500 | 82 3.70   | -8,000  | 132 7.60  | -0,500  |
| 33 1.22   | 2,000   | 83 3.80   | -8,000  | 133 7.65  | -1,750  |
| 34 1.27   | 17,000  | 84 3.90   | 8,250   | 134 7.70  | -0,500  |
| 35 1.30   | 5,750   | 85 4.00   | 8,250   | 135 7.80  | 3,250   |
| 36 1.33   | 14,500  | 86 4.06   | -5,500  | 136 7.90  | 2,000   |
| 37 1.40   | -3,000  | 87 4.10   | -4,250  | 137 8.00  | 0,750   |
| 38 1.42   | -3,000  | 88 4.20   | -10,500 |           |         |
| 39 1.46   | 4,500   | 89 4.30   | 2,000   |           |         |
| 40 1.50   | -6,750  | 90 4.32   | 8,250   |           |         |
| 41 1.55   | -16,750 | 91 4.38   | 9,500   |           |         |
| 42 1.58   | -8,000  | 92 4.40   | 10,750  |           |         |
| 43 1.60   | -10,500 | 93 4.50   | 4,500   |           |         |
| 44 1.65   | -4,250  | 94 4.60   | -10,500 |           |         |
| 45 1.70   | 14,500  | 95 4.67   | -10,500 |           |         |
| 46 1.71   | 8,250   | 96 4.70   | -8,000  |           |         |
| 47 1.80   | 8,250   | 97 4.75   | 4,500   |           |         |
| 48 1.88   | -0,500  | 98 4.80   | 7,000   |           |         |
| 49 1.90   | 0,750   | 99 4.85   | 14,500  |           |         |
| 50 1.95   | -0,500  | 100 4.90  | 9,500   |           |         |

INDEX No. 231 905-B-264 OCHIAI BRIDGE LG MAX.ACCEL.= 161,500(GAL) T= 0.52(SEC)

No. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)  |
|-----------|---------|-----------|---------|-----------|--------|
| 1 0.      | 0,250   | 51 2.35   | 30,250  | 101 5.27  | 5,250  |
| 2 0.02    | 5,250   | 52 2.40   | 2,750   | 102 5.30  | 2,750  |
| 3 0.08    | -8,500  | 53 2.50   | 6,500   | 103 5.40  | -2,250 |
| 4 0.10    | 2,750   | 54 2.58   | -24,750 | 104 5.45  | 5,250  |
| 5 0.19    | 5,250   | 55 2.60   | -22,250 | 105 5.50  | 2,750  |
| 6 0.20    | 0,250   | 56 2.67   | 15,250  | 106 5.60  | 2,750  |
| 7 0.29    | -1,000  | 57 2.70   | 9,000   | 107 5.64  | 5,250  |
| 8 0.30    | -41,000 | 58 2.76   | -9,750  | 108 5.70  | -6,000 |
| 9 0.35    | -68,500 | 59 2.80   | 2,750   | 109 5.80  | 6,500  |
| 10 0.40   | 86,500  | 60 2.82   | 21,500  | 110 5.90  | 0,250  |
| 11 0.46   | -93,500 | 61 2.90   | -9,750  | 111 5.98  | 5,250  |
| 12 0.52   | 191,500 | 62 3.00   | 19,250  | 112 6.00  | 2,750  |
| 13 0.60   | -59,750 | 63 3.02   | 19,000  | 113 6.10  | 2,750  |
| 14 0.65   | -84,750 | 64 3.10   | -9,750  | 114 6.20  | 2,750  |
| 15 0.68   | 22,750  | 65 3.20   | 17,750  | 115 6.30  | 0,250  |
| 16 0.70   | -9,750  | 66 3.28   | -9,750  | 116 6.40  | 2,750  |
| 17 0.73   | -31,000 | 67 3.30   | -4,750  | 117 6.43  | 6,500  |
| 18 0.78   | -9,750  | 68 3.34   | 2,750   | 118 6.50  | 2,750  |
| 19 0.80   | -7,250  | 69 3.40   | -3,500  | 119 6.60  | 5,250  |
| 20 0.84   | 37,750  | 70 3.43   | 6,500   | 120 6.70  | -4,750 |
| 21 0.90   | -22,250 | 71 3.50   | -9,750  | 121 6.80  | 2,750  |
| 22 0.92   | -28,500 | 72 3.52   | -17,250 | 122 6.86  | -1,000 |
| 23 0.98   | 30,250  | 73 3.58   | 20,250  | 123 6.90  | 0,250  |
| 24 1.00   | -34,750 | 74 3.60   | 2,750   | 124 6.95  | 2,750  |
| 25 1.08   | -69,750 | 75 3.65   | -19,750 | 125 7.00  | 2,750  |
| 26 1.10   | 15,250  | 76 3.70   | 0,250   |           |        |
| 27 1.12   | 5,250   | 77 3.75   | 0,250   |           |        |
| 28 1.20   | 34,000  | 78 3.80   | 15,250  |           |        |
| 29 1.22   | 21,500  | 79 3.90   | -1,000  |           |        |
| 30 1.24   | 24,000  | 80 4.00   | 15,250  |           |        |
| 31 1.30   | -3,500  | 81 4.05   | -12,250 |           |        |
| 32 1.32   | -12,250 | 82 4.10   | 5,250   |           |        |
| 33 1.35   | -3,500  | 83 4.20   | -4,750  |           |        |
| 34 1.40   | -16,000 | 84 4.30   | -3,500  |           |        |
| 35 1.50   | 20,250  | 85 4.32   | -3,500  |           |        |
| 36 1.55   | 5,250   | 86 4.40   | 15,250  |           |        |
| 37 1.58   | 19,000  | 87 4.43   | 15,250  |           |        |
| 38 1.60   | 15,250  | 88 4.50   | -7,250  |           |        |
| 39 1.68   | -3,500  | 89 4.55   | -9,750  |           |        |
| 40 1.70   | -3,500  | 90 4.60   | 9,000   |           |        |
| 41 1.75   | -28,500 | 91 4.70   | -3,500  |           |        |
| 42 1.80   | 15,250  | 92 4.76   | 2,750   |           |        |
| 43 1.82   | 21,500  | 93 4.80   | -9,750  |           |        |
| 44 1.90   | -7,250  | 94 4.82   | -12,000 |           |        |
| 45 2.00   | 17,750  | 95 4.90   | -3,500  |           |        |
| 46 2.08   | -22,250 | 96 4.95   | -2,250  |           |        |
| 47 2.10   | -22,250 | 97 5.00   | 10,250  |           |        |
| 48 2.17   | 10,250  | 98 5.05   | 15,250  |           |        |
| 49 2.20   | 2,750   | 99 5.10   | 5,250   |           |        |
| 50 2.30   | -6,000  | 100 5.20  | 0,250   |           |        |

INDEX NO. 232 905-B-264 OCHIAI BRIDGE TR MAX.ACCEL.= -34.750(GAL) T= 0.50(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 1   | 0.    | 2,750   | 51  | 1.95  | -16,000 | 101 | 4.30  | -9,750 |
| 2   | 0.10  | 2,750   | 52  | 2.00  | 2,750   | 102 | 4.40  | 6,500  |
| 3   | 0.18  | 2,750   | 53  | 2.02  | 15,250  | 103 | 4.50  | -7,250 |
| 4   | 0.20  | -3,500  | 54  | 2.08  | -7,250  | 104 | 4.54  | 2,750  |
| 5   | 0.22  | 5,250   | 55  | 2.10  | -4,750  | 105 | 4.60  | 2,750  |
| 6   | 0.28  | -2,250  | 56  | 2.14  | -4,750  | 106 | 4.70  | -7,250 |
| 7   | 0.30  | 7,750   | 57  | 2.20  | 2,750   | 107 | 4.76  | 2,750  |
| 8   | 0.35  | 2,750   | 58  | 2.21  | 1,500   | 108 | 4.80  | 2,750  |
| 9   | 0.38  | -14,750 | 59  | 2.28  | 14,000  | 109 | 4.90  | -4,750 |
| 10  | 0.40  | 2,750   | 60  | 2.30  | -8,500  | 110 | 4.95  | -3,500 |
| 11  | 0.42  | 27,750  | 61  | 2.31  | -7,250  | 111 | 5.00  | 2,750  |
| 12  | 0.50  | -34,750 | 62  | 2.38  | 2,750   | 112 | 5.05  | -3,500 |
| 13  | 0.59  | 27,750  | 63  | 2.40  | -8,500  | 113 | 5.10  | 0,250  |
| 14  | 0.60  | 9,750   | 64  | 2.42  | -7,250  | 114 | 5.14  | 2,750  |
| 15  | 0.62  | -7,250  | 65  | 2.50  | 9,000   | 115 | 5.20  | -2,250 |
| 16  | 0.66  | -12,250 | 66  | 2.55  | -7,250  | 116 | 5.24  | 0,250  |
| 17  | 0.70  | 2,750   | 67  | 2.60  | -8,500  | 117 | 5.30  | -2,250 |
| 18  | 0.72  | 6,500   | 68  | 2.63  | 0,250   | 118 | 5.35  | -2,250 |
| 19  | 0.78  | -3,500  | 69  | 2.66  | 0,250   | 119 | 5.40  | 5,250  |
| 20  | 0.80  | 11,500  | 70  | 2.70  | 12,750  | 120 | 5.48  | -3,500 |
| 21  | 0.84  | 6,500   | 71  | 2.78  | -26,000 | 121 | 5.50  | -2,250 |
| 22  | 0.90  | -13,500 | 72  | 2.80  | 2,750   | 122 | 5.55  | -1,000 |
| 23  | 0.98  | 10,250  | 73  | 2.84  | 31,500  | 123 | 5.60  | -1,700 |
| 24  | 1.00  | 5,250   | 74  | 2.90  | -6,000  | 124 | 5.65  | -3,500 |
| 25  | 1.02  | -6,000  | 75  | 2.92  | -9,750  | 125 | 5.70  | 0,250  |
| 26  | 1.06  | 6,500   | 76  | 3.00  | 2,750   | 126 | 5.73  | -3,500 |
| 27  | 1.10  | -2,250  | 77  | 3.05  | -2,250  | 127 | 5.80  | 0,250  |
| 28  | 1.12  | -9,750  | 78  | 3.10  | 0,250   | 128 | 5.90  | -3,500 |
| 29  | 1.15  | 0,250   | 79  | 3.14  | 5,250   | 129 | 5.97  | 2,750  |
| 30  | 1.19  | -9,750  | 80  | 3.20  | -8,500  | 130 | 6.00  | 0,250  |
| 31  | 1.20  | -3,500  | 81  | 3.28  | 9,000   | 131 | 6.05  | -7,250 |
| 32  | 1.25  | 9,000   | 82  | 3.30  | 2,750   | 132 | 6.10  | 5,250  |
| 33  | 1.28  | 2,750   | 83  | 3.32  | -7,250  | 133 | 6.20  | -6,000 |
| 34  | 1.30  | 2,750   | 84  | 3.40  | 0,250   | 134 | 6.30  | 4,750  |
| 35  | 1.31  | -8,500  | 85  | 3.43  | -7,250  | 135 | 6.40  | 0,250  |
| 36  | 1.36  | -8,500  | 86  | 3.50  | 5,250   | 136 | 6.50  | -2,250 |
| 37  | 1.40  | 6,500   | 87  | 3.58  | -13,500 | 137 | 6.60  | -6,000 |
| 38  | 1.42  | 12,750  | 88  | 3.60  | -9,750  | 138 | 6.68  | 2,750  |
| 39  | 1.43  | 2,750   | 89  | 3.65  | 12,750  | 139 | 6.70  | 0,250  |
| 40  | 1.50  | -1,000  | 90  | 3.70  | 2,750   | 140 | 6.73  | -1,000 |
| 41  | 1.53  | -1,000  | 91  | 3.75  | -9,750  | 141 | 6.80  | 2,750  |
| 42  | 1.60  | -9,750  | 92  | 3.80  | -1,000  | 142 | 6.90  | -3,500 |
| 43  | 1.65  | 10,250  | 93  | 3.85  | -3,500  | 143 | 7.00  | 2,750  |
| 44  | 1.68  | -1,000  | 94  | 3.90  | 2,750   |     |       |        |
| 45  | 1.70  | 0,250   | 95  | 3.95  | 9,000   |     |       |        |
| 46  | 1.72  | 5,250   | 96  | 4.00  | 2,750   |     |       |        |
| 47  | 1.80  | 2,750   | 97  | 4.04  | 5,250   |     |       |        |
| 48  | 1.86  | 6,500   | 98  | 4.10  | 2,750   |     |       |        |
| 49  | 1.90  | 2,750   | 99  | 4.20  | -2,250  |     |       |        |
| 50  | 1.92  | 2,750   | 100 | 4.22  | 0,250   |     |       |        |

INDEX NO. 233 104-GR-12 SHINTONEGAWA B. TR MAX.ACCEL.= -40,250(GAL) T= 0.80(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 1   | 0.    | 1,000   | 51  | 3.80  | -0,250  | 101 | 8.00  | 2,250  |
| 2   | 0.10  | -2,750  | 52  | 3.90  | -11,500 | 102 | 8.10  | -5,500 |
| 3   | 0.20  | -5,200  | 53  | 4.00  | -9,000  | 103 | 8.20  | 7,250  |
| 4   | 0.30  | -2,750  | 54  | 4.03  | -11,500 | 104 | 8.30  | -9,000 |
| 5   | 0.40  | 1,000   | 55  | 4.10  | 1,000   | 105 | 8.40  | 1,000  |
| 6   | 0.50  | 4,750   | 56  | 4.20  | 7,250   | 106 | 8.47  | 9,750  |
| 7   | 0.60  | 13,500  | 57  | 4.30  | -2,750  | 107 | 8.50  | 7,250  |
| 8   | 0.64  | 18,500  | 58  | 4.40  | -9,250  | 108 | 8.60  | -4,000 |
| 9   | 0.70  | -1,500  | 59  | 4.45  | 7,250   | 109 | 8.70  | -4,000 |
| 10  | 0.80  | -40,250 | 60  | 4.50  | 4,750   | 110 | 8.80  | -2,750 |
| 11  | 0.90  | -35,250 | 61  | 4.60  | 1,000   | 111 | 8.90  | -5,250 |
| 12  | 1.00  | -2,250  | 62  | 4.70  | -5,250  | 112 | 9.00  | -1,500 |
| 13  | 1.05  | 39,750  | 63  | 4.80  | -4,000  | 113 | 9.10  | -1,500 |
| 14  | 1.10  | 9,750   | 64  | 4.90  | 1,000   | 114 | 9.20  | 4,750  |
| 15  | 1.16  | -11,500 | 65  | 5.00  | 9,750   | 115 | 9.30  | 4,750  |
| 16  | 1.20  | -5,250  | 66  | 5.10  | 1,000   | 116 | 9.40  | -0,250 |
| 17  | 1.22  | 7,250   | 67  | 5.20  | 1,000   | 117 | 9.50  | 1,000  |
| 18  | 1.30  | 1,000   | 68  | 5.24  | 6,000   | 118 | 9.60  | -2,750 |
| 19  | 1.35  | -6,500  | 69  | 5.30  | -4,000  | 119 | 9.64  | -5,250 |
| 20  | 1.40  | -2,750  | 70  | 5.40  | -5,250  | 120 | 9.70  | -2,750 |
| 21  | 1.50  | -11,500 | 71  | 5.46  | -2,750  | 121 | 9.75  | 6,000  |
| 22  | 1.60  | -0,250  | 72  | 5.50  | -5,250  | 122 | 9.80  | -2,750 |
| 23  | 1.65  | -4,000  | 73  | 5.60  | -5,250  | 123 | 9.90  | -5,250 |
| 24  | 1.70  | 2,250   | 74  | 5.70  | 7,250   | 124 | 10.00 | 4,750  |
| 25  | 1.80  | -10,250 | 75  | 5.80  | 7,250   | 125 | 10.02 | 7,250  |
| 26  | 1.90  | 29,750  | 76  | 5.90  | -9,750  | 126 | 10.10 | 1,000  |
| 27  | 2.00  | -5,250  | 77  | 5.95  | -11,500 | 127 | 10.20 | 4,750  |
| 28  | 2.10  | -24,000 | 78  | 6.00  | -15,250 | 128 | 10.30 | 4,750  |
| 29  | 2.20  | -0,250  | 79  | 6.07  | 13,500  | 129 | 10.40 | -4,000 |
| 30  | 2.25  | -5,250  | 80  | 6.10  | 7,250   | 130 | 10.45 | -6,500 |
| 31  | 2.30  | -2,750  | 81  | 6.15  | -4,000  | 131 | 10.50 | -4,000 |
| 32  | 2.36  | 16,000  | 82  | 6.20  | -1,500  | 132 | 10.60 | -4,000 |
| 33  | 2.40  | 7,250   | 83  | 6.30  | 1,000   | 133 | 10.70 | 6,000  |
| 34  | 2.50  | -5,250  | 84  | 6.40  | 7,250   | 134 | 10.80 | 8,500  |
| 35  | 2.60  | -4,000  | 85  | 6.50  | -2,750  | 135 | 10.90 | 3,500  |
| 36  | 2.70  | -5,250  | 86  | 6.60  | -0,250  | 136 | 11.00 | 4,750  |
| 37  | 2.80  | 4,750   | 87  | 6.70  | 1,000   |     |       |        |
| 38  | 2.85  | 17,250  | 88  | 6.76  | 4,750   |     |       |        |
| 39  | 2.90  | 4,750   | 89  | 6.80  | 3,500   |     |       |        |
| 40  | 3.00  | -9,000  | 90  | 6.90  | -4,000  |     |       |        |
| 41  | 3.10  | -2,750  | 91  | 7.00  | -2,750  |     |       |        |
| 42  | 3.15  | 7,250   | 92  | 7.10  | -1,500  |     |       |        |
| 43  | 3.20  | -5,250  | 93  | 7.20  | 9,750   |     |       |        |
| 44  | 3.30  | -11,500 | 94  | 7.30  | -2,750  |     |       |        |
| 45  | 3.40  | 7,250   | 95  | 7.40  | -5,250  |     |       |        |
| 46  | 3.47  | 18,500  | 96  | 7.50  | -1,500  |     |       |        |
| 47  | 3.50  | 7,250   | 97  | 7.60  | -5,250  |     |       |        |
| 48  | 3.60  | -11,500 | 98  | 7.70  | -4,000  |     |       |        |
| 49  | 3.70  | 7,250   | 99  | 7.80  | 7,250   |     |       |        |
| 50  | 3.74  | 17,250  | 100 | 7.90  | 6,000   |     |       |        |

| INDEX NO. 234 104-QR-12 SHINTONEGAWA B. LG |       |         |     | MAX.ACCEL.= -69,380(GAL) |        | T= 0.87(SEC) |       | NO. 1  |  |
|--------------------------------------------|-------|---------|-----|--------------------------|--------|--------------|-------|--------|--|
| NO.                                        | (SEC) | (GAL)   | NO. | (SEC)                    | (GAL)  | NO.          | (SEC) | (GAL)  |  |
| 1                                          | 0.    | -4,380  | 51  | 4.10                     | -4,380 | 101          | 8.20  | -4,380 |  |
| 2                                          | 0.10  | 3,130   | 52  | 4.20                     | 3,130  | 102          | 8.30  | -4,380 |  |
| 3                                          | 0.15  | 5,630   | 53  | 4.30                     | -1,880 | 103          | 8.40  | 8,130  |  |
| 4                                          | 0.20  | -0,630  | 54  | 4.40                     | -1,880 | 104          | 8.50  | 8,130  |  |
| 5                                          | 0.30  | -1,880  | 55  | 4.50                     | -0,630 | 105          | 8.60  | 5,630  |  |
| 6                                          | 0.40  | 4,380   | 56  | 4.60                     | 1,880  | 106          | 8.70  | 0,630  |  |
| 7                                          | 0.50  | -3,130  | 57  | 4.70                     | 6,880  | 107          | 8.80  | 4,380  |  |
| 8                                          | 0.60  | 6,880   | 58  | 4.76                     | -4,380 | 108          | 8.90  | -8,130 |  |
| 9                                          | 0.70  | 33,130  | 59  | 4.80                     | -3,130 | 109          | 9.00  | -4,380 |  |
| 10                                         | 0.80  | -23,130 | 60  | 4.90                     | -1,880 | 110          | 9.05  | 0,630  |  |
| 11                                         | 0.87  | -69,380 | 61  | 5.00                     | 8,130  | 111          | 9.10  | -4,380 |  |
| 12                                         | 0.90  | -66,880 | 62  | 5.05                     | 11,880 | 112          | 9.20  | -1,880 |  |
| 13                                         | 1.00  | 25,630  | 63  | 5.10                     | -4,380 | 113          | 9.30  | 1,880  |  |
| 14                                         | 1.10  | -14,380 | 64  | 5.17                     | -8,130 | 114          | 9.40  | 13,130 |  |
| 15                                         | 1.20  | 10,630  | 65  | 5.20                     | -4,380 | 115          | 9.50  | 6,880  |  |
| 16                                         | 1.30  | 48,130  | 66  | 5.26                     | 8,130  | 116          | 9.60  | 0,630  |  |
| 17                                         | 1.40  | -24,380 | 67  | 5.30                     | -1,880 | 117          | 9.70  | 1,880  |  |
| 18                                         | 1.50  | -1,880  | 68  | 5.40                     | -6,880 | 118          | 9.80  | -6,880 |  |
| 19                                         | 1.53  | 10,630  | 69  | 5.50                     | 6,130  | 119          | 9.90  | -1,880 |  |
| 20                                         | 1.60  | -8,130  | 70  | 5.60                     | -4,380 | 120          | 10.00 | -3,130 |  |
| 21                                         | 1.70  | -26,880 | 71  | 5.70                     | 6,880  | 121          | 10.10 | 8,130  |  |
| 22                                         | 1.80  | 1,880   | 72  | 5.75                     | 8,130  | 122          | 10.20 | 11,880 |  |
| 23                                         | 1.85  | 26,880  | 73  | 5.80                     | -1,880 | 123          | 10.30 | 4,380  |  |
| 24                                         | 1.90  | 10,630  | 74  | 5.85                     | -5,130 | 124          | 10.40 | -5,630 |  |
| 25                                         | 1.95  | 8,130   | 75  | 5.90                     | -6,880 | 125          | 10.50 | 4,380  |  |
| 26                                         | 2.00  | -9,380  | 76  | 6.00                     | -1,880 | 126          | 10.60 | -3,130 |  |
| 27                                         | 2.10  | -0,630  | 77  | 6.10                     | 9,380  | 127          | 10.70 | 4,380  |  |
| 28                                         | 2.20  | -4,380  | 78  | 6.15                     | 14,380 | 128          | 10.75 | 10,630 |  |
| 29                                         | 2.30  | 8,130   | 79  | 6.20                     | 4,380  | 129          | 10.80 | 8,130  |  |
| 30                                         | 2.40  | 1,880   | 80  | 6.30                     | -1,880 | 130          | 10.90 | -1,880 |  |
| 31                                         | 2.50  | 1,880   | 81  | 6.40                     | -1,880 | 131          | 11.00 | -4,380 |  |
| 32                                         | 2.60  | -10,630 | 82  | 6.44                     | 4,380  |              |       |        |  |
| 33                                         | 2.65  | -13,130 | 83  | 6.50                     | -4,380 |              |       |        |  |
| 34                                         | 2.70  | -0,630  | 84  | 6.55                     | -4,380 |              |       |        |  |
| 35                                         | 2.78  | 11,880  | 85  | 6.60                     | -4,380 |              |       |        |  |
| 36                                         | 2.80  | 8,130   | 86  | 6.70                     | 1,880  |              |       |        |  |
| 37                                         | 2.90  | -1,880  | 87  | 6.80                     | 5,630  |              |       |        |  |
| 38                                         | 3.00  | 8,130   | 88  | 6.90                     | -0,630 |              |       |        |  |
| 39                                         | 3.10  | -10,630 | 89  | 7.00                     | 6,880  |              |       |        |  |
| 40                                         | 3.18  | -13,630 | 90  | 7.10                     | 3,130  |              |       |        |  |
| 41                                         | 3.20  | -19,380 | 91  | 7.20                     | 5,630  |              |       |        |  |
| 42                                         | 3.30  | 19,380  | 92  | 7.30                     | -0,313 |              |       |        |  |
| 43                                         | 3.40  | -15,630 | 93  | 7.40                     | -5,630 |              |       |        |  |
| 44                                         | 3.50  | -1,880  | 94  | 7.50                     | -3,130 |              |       |        |  |
| 45                                         | 3.58  | 15,630  | 95  | 7.60                     | 10,630 |              |       |        |  |
| 46                                         | 3.60  | -0,630  | 96  | 7.70                     | 3,130  |              |       |        |  |
| 47                                         | 3.70  | -9,380  | 97  | 7.80                     | -1,880 |              |       |        |  |
| 48                                         | 3.80  | 3,130   | 98  | 7.90                     | 8,130  |              |       |        |  |
| 49                                         | 3.90  | 8,130   | 99  | 8.00                     | -4,380 |              |       |        |  |
| 50                                         | 4.00  | -1,880  | 100 | 8.10                     | -9,380 |              |       |        |  |

| INDEX NO. 235 204-QR-3 SHINYAWATA B. TR |       |         |     | MAX.ACCEL.= 41,630(GAL) |         | T= 6.53(SEC) |       | NO. 1   |  |
|-----------------------------------------|-------|---------|-----|-------------------------|---------|--------------|-------|---------|--|
| NO.                                     | (SEC) | (GAL)   | NO. | (SEC)                   | (GAL)   | NO.          | (SEC) | (GAL)   |  |
| 1                                       | 0.    | -2,130  | 51  | 3.88                    | -5,880  | 101          | 5.10  | -23,380 |  |
| 2                                       | 0.04  | 4,130   | 52  | 2.40                    | -14,630 | 102          | 5.20  | 4,130   |  |
| 3                                       | 0.10  | -8,380  | 53  | 2.50                    | 1,630   | 103          | 5.25  | -14,630 |  |
| 4                                       | 0.13  | -12,130 | 54  | 2.60                    | -14,630 | 104          | 5.30  | 10,380  |  |
| 5                                       | 0.20  | -2,130  | 55  | 2.70                    | 16,630  | 105          | 5.32  | 20,380  |  |
| 6                                       | 0.25  | 0,380   | 56  | 2.74                    | -2,130  | 106          | 5.40  | -20,880 |  |
| 7                                       | 0.30  | -2,130  | 57  | 2.78                    | 1,630   | 107          | 5.50  | 22,880  |  |
| 8                                       | 0.32  | -2,130  | 58  | 2.80                    | -4,630  | 108          | 5.60  | -29,430 |  |
| 9                                       | 0.38  | -5,880  | 59  | 2.85                    | 7,880   | 109          | 5.66  | 16,630  |  |
| 10                                      | 0.40  | -2,130  | 60  | 2.90                    | -10,880 | 110          | 5.70  | 11,630  |  |
| 11                                      | 0.45  | 4,130   | 61  | 3.00                    | 4,130   | 111          | 5.72  | 14,130  |  |
| 12                                      | 0.50  | 1,630   | 62  | 3.05                    | -8,380  | 112          | 5.80  | -24,630 |  |
| 13                                      | 0.53  | 2,880   | 63  | 3.10                    | -4,630  | 113          | 5.90  | 10,380  |  |
| 14                                      | 0.60  | -5,880  | 64  | 3.12                    | -8,380  | 114          | 5.93  | -2,130  |  |
| 15                                      | 0.68  | -2,130  | 65  | 3.16                    | -2,130  | 115          | 6.00  | -14,430 |  |
| 16                                      | 0.70  | -4,630  | 66  | 3.20                    | -5,880  | 116          | 6.03  | -24,430 |  |
| 17                                      | 0.77  | 2,880   | 67  | 3.25                    | -5,880  | 117          | 6.10  | 10,380  |  |
| 18                                      | 0.80  | -6,380  | 68  | 3.30                    | 10,380  | 118          | 6.15  | 2,880   |  |
| 19                                      | 0.85  | -12,130 | 69  | 3.40                    | -2,130  | 119          | 6.20  | 22,880  |  |
| 20                                      | 0.90  | -12,130 | 70  | 3.48                    | -8,380  | 120          | 6.30  | -20,880 |  |
| 21                                      | 0.95  | 14,130  | 71  | 3.50                    | 1,630   | 121          | 6.35  | 35,380  |  |
| 22                                      | 1.00  | -8,380  | 72  | 3.60                    | -9,630  | 122          | 6.40  | -8,380  |  |
| 23                                      | 1.03  | -5,880  | 73  | 3.65                    | -9,630  | 123          | 6.45  | -20,880 |  |
| 24                                      | 1.10  | 4,130   | 74  | 3.70                    | 4,130   | 124          | 6.50  | 10,380  |  |
| 25                                      | 1.12  | 10,380  | 75  | 3.73                    | 4,130   | 125          | 6.53  | 41,630  |  |
| 26                                      | 1.16  | -5,880  | 76  | 3.80                    | -8,380  | 126          | 6.60  | -24,630 |  |
| 27                                      | 1.20  | -2,130  | 77  | 3.82                    | -8,380  | 127          | 6.70  | 1,130   |  |
| 28                                      | 1.28  | -2,130  | 78  | 3.90                    | 19,130  | 128          | 6.72  | -8,380  |  |
| 29                                      | 1.30  | -8,380  | 79  | 3.98                    | -14,630 | 129          | 6.77  | 12,880  |  |
| 30                                      | 1.37  | -2,130  | 80  | 4.00                    | -8,380  | 130          | 6.80  | -14,630 |  |
| 31                                      | 1.40  | -4,630  | 81  | 4.05                    | 14,130  | 131          | 6.82  | -14,630 |  |
| 32                                      | 1.45  | 2,880   | 82  | 4.10                    | -8,380  | 132          | 6.87  | -2,130  |  |
| 33                                      | 1.50  | -2,130  | 83  | 4.15                    | -20,880 | 133          | 6.90  | -5,880  |  |
| 34                                      | 1.55  | -0,880  | 84  | 4.20                    | 10,380  | 134          | 7.00  | -2,130  |  |
| 35                                      | 1.58  | -2,130  | 85  | 4.23                    | 22,880  | 135          | 7.05  | -14,430 |  |
| 36                                      | 1.60  | -1,500  | 86  | 4.30                    | -8,380  | 136          | 7.10  | -8,380  |  |
| 37                                      | 1.63  | 1,630   | 87  | 4.33                    | -20,880 | 137          | 7.12  | -2,130  |  |
| 38                                      | 1.70  | -4,630  | 88  | 4.40                    | 10,380  | 138          | 7.20  | -24,630 |  |
| 39                                      | 1.80  | -3,380  | 89  | 4.45                    | -9,630  | 139          | 7.25  | 17,880  |  |
| 40                                      | 1.85  | 4,130   | 90  | 4.50                    | -2,130  | 140          | 7.28  | 9,130   |  |
| 41                                      | 1.90  | -2,130  | 91  | 4.60                    | 10,380  | 141          | 7.30  | 15,380  |  |
| 42                                      | 1.95  | 4,130   | 92  | 4.67                    | -8,380  | 142          | 7.35  | -2,130  |  |
| 43                                      | 2.00  | -2,130  | 93  | 4.70                    | -2,130  | 143          | 7.40  | 39,130  |  |
| 44                                      | 2.07  | 10,380  | 94  | 4.75                    | 4,130   | 144          | 7.50  | -8,380  |  |
| 45                                      | 2.10  | -2,130  | 95  | 4.80                    | -4,630  | 145          | 7.58  | 1,630   |  |
| 46                                      | 2.15  | -7,130  | 96  | 4.85                    | 1,630   | 146          | 7.60  | -14,630 |  |
| 47                                      | 2.20  | -2,130  | 97  | 4.90                    | -0,880  | 147          | 7.63  | -24,630 |  |
| 48                                      | 2.25  | 12,880  | 98  | 4.93                    | 1,630   | 148          | 7.68  | -24,630 |  |
| 49                                      | 2.30  | -2,130  | 99  | 4.96                    | -2,130  | 149          | 7.70  | -35,380 |  |
| 50                                      | 2.33  | -12,130 | 100 | 5.00                    | 22,880  | 150          | 7.78  | 4,130   |  |
|                                         |       |         |     |                         |         | 151          | 7.80  | 4,130   |  |
|                                         |       |         |     |                         |         | 152          | 7.90  | 29,130  |  |
|                                         |       |         |     |                         |         | 153          | 7.94  | -12,130 |  |
|                                         |       |         |     |                         |         | 154          | 7.98  | 0,380   |  |
|                                         |       |         |     |                         |         | 155          | 8.00  | -5,880  |  |
|                                         |       |         |     |                         |         | 156          | 8.02  | -5,880  |  |
|                                         |       |         |     |                         |         | 157          | 8.09  | 20,380  |  |
|                                         |       |         |     |                         |         | 158          | 8.10  | -2,130  |  |
|                                         |       |         |     |                         |         | 159          | 8.15  | -27,130 |  |
|                                         |       |         |     |                         |         | 160          | 8.20  | -2,130  |  |
|                                         |       |         |     |                         |         | 161          | 8.22  | 16,630  |  |
|                                         |       |         |     |                         |         | 162          | 8.30  | -18,380 |  |
|                                         |       |         |     |                         |         | 163          | 8.33  | -20,880 |  |
|                                         |       |         |     |                         |         | 164          | 8.40  | 20,380  |  |
|                                         |       |         |     |                         |         | 165          | 8.43  | 14,130  |  |
|                                         |       |         |     |                         |         | 166          | 8.48  | 14,130  |  |
|                                         |       |         |     |                         |         | 167          | 8.50  | 0,380   |  |
|                                         |       |         |     |                         |         | 168          | 8.52  | -2,130  |  |
|                                         |       |         |     |                         |         | 169          | 8.58  | 10,380  |  |
|                                         |       |         |     |                         |         | 170          | 8.60  | -2,130  |  |
|                                         |       |         |     |                         |         | 171          | 8.70  | -27,130 |  |
|                                         |       |         |     |                         |         | 172          | 8.80  | 6,630   |  |
|                                         |       |         |     |                         |         | 173          | 8.90  | -17,130 |  |
|                                         |       |         |     |                         |         | 174          | 9.00  | 12,880  |  |
|                                         |       |         |     |                         |         | 175          | 9.05  | -2,130  |  |
|                                         |       |         |     |                         |         | 176          | 9.10  | 10,380  |  |
|                                         |       |         |     |                         |         | 177          | 9.20  | 10,380  |  |
|                                         |       |         |     |                         |         | 178          | 9.30  | -2,130  |  |
|                                         |       |         |     |                         |         | 179          | 9.32  | -27,130 |  |
|                                         |       |         |     |                         |         | 180          | 9.40  | -2,130  |  |
|                                         |       |         |     |                         |         | 181          | 9.42  | 4,130   |  |
|                                         |       |         |     |                         |         | 182          | 9.47  | -9,630  |  |
|                                         |       |         |     |                         |         | 183          | 9.50  | 6,630   |  |
|                                         |       |         |     |                         |         | 184          | 9.60  | -2,130  |  |
|                                         |       |         |     |                         |         | 185          | 9.65  | -2,130  |  |
|                                         |       |         |     |                         |         | 186          | 9.70  | 10,380  |  |
|                                         |       |         |     |                         |         | 187          | 9.73  | 22,880  |  |
|                                         |       |         |     |                         |         | 188          | 9.80  | -2,130  |  |
|                                         |       |         |     |                         |         | 189          | 9.90  | 10,380  |  |
|                                         |       |         |     |                         |         | 190          | 9.97  | -12,130 |  |
|                                         |       |         |     |                         |         | 191          | 10.00 | -2,130  |  |
|                                         |       |         |     |                         |         | 192          | 10.05 | -2,130  |  |
|                                         |       |         |     |                         |         | 193          | 10.07 | 4,130   |  |
|                                         |       |         |     |                         |         | 194          | 10.10 | -14,630 |  |
|                                         |       |         |     |                         |         | 195          | 10.13 | -14,630 |  |
|                                         |       |         |     |                         |         | 196          | 10.20 | -2,130  |  |
|                                         |       |         |     |                         |         | 197          | 10.25 | 12,880  |  |
|                                         |       |         |     |                         |         | 198          | 10.30 | -8,380  |  |
|                                         |       |         |     |                         |         | 199          | 10.40 | -14,630 |  |
|                                         |       |         |     |                         |         | 200          | 10.50 | 15,380  |  |

| INDEX NO. | 235   | 204-GR-3 | SHINYAWATA B. | TR    | MAX.ACCEL.= | 41.630(GAL) | T=    | 6.53(SEC) | NO. 2 |       |        |
|-----------|-------|----------|---------------|-------|-------------|-------------|-------|-----------|-------|-------|--------|
| NO.       | (SEC) | (GAL)    | NO.           | (SEC) | (GAL)       | NO.         | (SEC) | (GAL)     | NO.   | (SEC) | (GAL)  |
| 201       | 10.60 | -8.380   | 251           | 13.80 | -14.630     | 301         | 17.50 | -2.130    | 351   | 21.50 | 4.130  |
| 202       | 10.70 | 20.380   | 252           | 13.85 | -12.130     | 302         | 17.55 | 10.380    | 352   | 21.55 | 4.130  |
| 203       | 10.75 | 7.880    | 253           | 13.90 | -14.630     | 303         | 17.60 | 7.880     | 353   | 21.60 | 0.380  |
| 204       | 10.80 | 10.380   | 254           | 14.00 | 12.880      | 304         | 17.70 | 4.130     | 354   | 21.65 | 10.380 |
| 205       | 10.90 | -8.380   | 255           | 14.10 | 1.630       | 305         | 17.80 | 4.130     | 355   | 21.70 | 10.380 |
| 206       | 11.00 | 10.380   | 256           | 14.20 | 4.130       | 306         | 17.90 | -8.380    | 356   | 21.80 | -2.130 |
| 207       | 11.05 | -2.130   | 257           | 14.28 | 4.130       | 307         | 17.95 | -10.880   | 357   | 21.90 | -8.380 |
| 208       | 11.10 | -5.880   | 258           | 14.30 | 10.380      | 308         | 18.00 | 7.880     | 358   | 22.00 | -2.130 |
| 209       | 11.20 | -4.630   | 259           | 14.40 | -2.130      | 309         | 18.10 | 16.630    | 359   | 22.10 | 4.130  |
| 210       | 11.30 | 22.880   | 260           | 14.50 | 1.630       | 310         | 18.20 | 1.630     | 360   | 22.15 | 10.380 |
| 211       | 11.40 | -8.380   | 261           | 14.55 | -2.130      | 311         | 18.30 | 7.880     | 361   | 22.20 | 10.380 |
| 212       | 11.50 | -14.630  | 262           | 14.60 | -2.130      | 312         | 18.40 | -14.630   | 362   | 22.30 | 0.380  |
| 213       | 11.60 | -8.380   | 263           | 14.65 | -2.130      | 313         | 18.45 | -14.630   | 363   | 22.35 | -2.130 |
| 214       | 11.68 | 10.380   | 264           | 14.70 | 10.380      | 314         | 18.50 | -2.130    | 364   | 22.40 | 4.130  |
| 215       | 11.70 | 7.880    | 265           | 14.75 | 20.380      | 315         | 18.60 | -2.130    | 365   | 22.50 | 5.380  |
| 216       | 11.73 | 10.380   | 266           | 14.80 | 4.130       | 316         | 18.70 | 4.130     | 366   | 22.60 | 5.380  |
| 217       | 11.76 | 2.880    | 267           | 14.90 | -8.380      | 317         | 18.73 | 10.380    | 367   | 22.70 | 10.380 |
| 218       | 11.80 | 12.880   | 268           | 15.00 | -10.880     | 318         | 18.80 | 4.130     | 368   | 22.80 | 0.380  |
| 219       | 11.85 | 6.630    | 269           | 15.03 | -2.130      | 319         | 18.90 | 22.880    | 369   | 22.85 | -9.630 |
| 220       | 11.90 | 10.380   | 270           | 15.10 | 15.380      | 320         | 19.00 | -2.130    | 370   | 22.90 | -9.630 |
| 221       | 11.97 | -2.130   | 271           | 15.20 | 10.380      | 321         | 19.10 | -14.630   | 371   | 23.00 | -2.130 |
| 222       | 12.00 | 10.380   | 272           | 15.30 | -10.880     | 322         | 19.20 | -2.130    |       |       |        |
| 223       | 12.03 | 12.880   | 273           | 15.38 | -8.380      | 323         | 19.30 | 4.130     |       |       |        |
| 224       | 12.10 | -7.130   | 274           | 15.40 | -8.380      | 324         | 19.35 | 10.380    |       |       |        |
| 225       | 12.15 | 4.130    | 275           | 15.50 | 4.130       | 325         | 19.40 | 7.880     |       |       |        |
| 226       | 12.20 | -8.380   | 276           | 15.53 | 10.380      | 326         | 19.45 | 10.380    |       |       |        |
| 227       | 12.27 | -8.380   | 277           | 15.60 | -2.130      | 327         | 19.50 | 6.630     |       |       |        |
| 228       | 12.30 | -10.880  | 278           | 15.70 | -8.380      | 328         | 19.55 | 10.380    |       |       |        |
| 229       | 12.40 | 12.880   | 279           | 15.80 | 16.630      | 329         | 19.60 | -2.130    |       |       |        |
| 230       | 12.45 | -2.130   | 280           | 15.90 | 4.130       | 330         | 19.70 | -2.130    |       |       |        |
| 231       | 12.50 | -4.630   | 281           | 16.00 | 4.130       | 331         | 19.80 | 4.130     |       |       |        |
| 232       | 12.55 | -5.880   | 282           | 16.03 | 6.630       | 332         | 19.90 | 10.380    |       |       |        |
| 233       | 12.60 | 4.130    | 283           | 16.10 | -10.880     | 333         | 20.00 | 1.630     |       |       |        |
| 234       | 12.70 | -2.130   | 284           | 16.20 | 4.130       | 334         | 20.05 | -0.880    |       |       |        |
| 235       | 12.80 | 10.380   | 285           | 16.30 | -7.130      | 335         | 20.10 | -8.380    |       |       |        |
| 236       | 12.83 | -8.380   | 286           | 16.40 | 16.630      | 336         | 20.15 | -9.630    |       |       |        |
| 237       | 12.90 | -2.130   | 287           | 16.50 | -2.130      | 337         | 20.20 | -2.130    |       |       |        |
| 238       | 12.95 | -8.380   | 288           | 16.60 | -14.630     | 338         | 20.30 | 6.630     |       |       |        |
| 239       | 13.00 | -2.130   | 289           | 16.67 | 1.630       | 339         | 20.40 | 10.380    |       |       |        |
| 240       | 13.10 | 10.380   | 290           | 16.70 | 1.630       | 340         | 20.50 | 6.630     |       |       |        |
| 241       | 13.15 | 15.380   | 291           | 16.80 | 10.380      | 341         | 20.60 | 4.130     |       |       |        |
| 242       | 13.20 | 10.380   | 292           | 16.85 | 16.630      | 342         | 20.70 | -12.130   |       |       |        |
| 243       | 13.30 | -14.630  | 293           | 16.90 | 10.380      | 343         | 20.80 | -8.380    |       |       |        |
| 244       | 13.37 | -5.880   | 294           | 17.00 | -8.380      | 344         | 20.90 | -2.130    |       |       |        |
| 245       | 13.40 | -4.630   | 295           | 17.10 | -8.380      | 345         | 21.00 | 4.130     |       |       |        |
| 246       | 13.50 | 12.880   | 296           | 17.15 | -2.130      | 346         | 21.10 | 10.380    |       |       |        |
| 247       | 13.55 | 0.380    | 297           | 17.20 | 7.880       | 347         | 21.20 | 7.880     |       |       |        |
| 248       | 13.60 | 10.380   | 298           | 17.30 | -2.130      | 348         | 21.30 | 4.130     |       |       |        |
| 249       | 13.64 | 22.880   | 299           | 17.35 | -10.880     | 349         | 21.40 | -2.130    |       |       |        |
| 250       | 13.70 | -2.130   | 300           | 17.40 | -5.880      | 350         | 21.45 | 4.130     |       |       |        |

| INDEX NO. | 236   | 204-GR-3 | SHINYAWATA B. | LG    | MAX.ACCEL.= | -42.130(GAL) | T=    | 8.50(SEC) | NO. | 1     |         |
|-----------|-------|----------|---------------|-------|-------------|--------------|-------|-----------|-----|-------|---------|
| NO.       | (SEC) | (GAL)    | NO.           | (SEC) | (GAL)       | NO.          | (SEC) | (GAL)     | NO. | (SEC) | (GAL)   |
| 1         | 0.    | -4.630   | 51            | 2.75  | -8.380      | 101          | 5.30  | 1.630     | 151 | 8.00  | -4.630  |
| 2         | 0.05  | -4.630   | 52            | 2.80  | 4.130       | 102          | 5.33  | 10.380    | 152 | 8.06  | 12.880  |
| 3         | 0.10  | -0.880   | 53            | 2.83  | -2.130      | 103          | 5.40  | -8.380    | 153 | 8.10  | -4.630  |
| 4         | 0.16  | -7.130   | 54            | 2.90  | 1.630       | 104          | 5.45  | 5.380     | 154 | 8.20  | -4.630  |
| 5         | 0.20  | 1.630    | 55            | 2.98  | -14.630     | 105          | 5.50  | 7.880     | 155 | 8.25  | 2.880   |
| 6         | 0.30  | -7.130   | 56            | 3.00  | -4.630      | 106          | 5.52  | 17.880    | 156 | 8.30  | -20.880 |
| 7         | 0.35  | -4.630   | 57            | 3.02  | 0.380       | 107          | 5.55  | -2.130    | 157 | 8.32  | 14.130  |
| 8         | 0.40  | -10.880  | 58            | 3.07  | -14.630     | 108          | 5.60  | -29.630   | 158 | 8.40  | 14.130  |
| 9         | 0.43  | -4.630   | 59            | 3.10  | -4.630      | 109          | 5.70  | 7.880     | 159 | 8.50  | -42.130 |
| 10        | 0.47  | -0.880   | 60            | 3.12  | 4.130       | 110          | 5.80  | -20.880   | 160 | 8.58  | 14.130  |
| 11        | 0.50  | 4.130    | 61            | 3.20  | -14.630     | 111          | 5.85  | 7.880     | 161 | 8.60  | 12.880  |
| 12        | 0.55  | -2.130   | 62            | 3.22  | -14.630     | 112          | 5.90  | -29.630   | 162 | 8.65  | 24.130  |
| 13        | 0.60  | 4.130    | 63            | 3.30  | 10.380      | 113          | 5.95  | 20.380    | 163 | 8.70  | 20.380  |
| 14        | 0.70  | -7.130   | 64            | 3.35  | 1.630       | 114          | 6.00  | 7.880     | 164 | 8.80  | -35.880 |
| 15        | 0.74  | 5.380    | 65            | 3.40  | -17.130     | 115          | 6.02  | 7.880     | 165 | 8.83  | 7.880   |
| 16        | 0.80  | -4.630   | 66            | 3.50  | 15.380      | 116          | 6.10  | -33.880   | 166 | 8.90  | -4.630  |
| 17        | 0.83  | -4.630   | 67            | 3.57  | -17.130     | 117          | 6.15  | 20.380    | 167 | 8.95  | -27.130 |
| 18        | 0.85  | -10.880  | 68            | 3.60  | -4.630      | 118          | 6.20  | -17.130   | 168 | 9.00  | -4.630  |
| 19        | 0.90  | -4.630   | 69            | 3.62  | 10.380      | 119          | 6.30  | -4.630    | 169 | 9.03  | 7.880   |
| 20        | 0.93  | 7.880    | 70            | 3.70  | -4.630      | 120          | 6.38  | 17.880    | 170 | 9.10  | -12.130 |
| 21        | 1.00  | -19.630  | 71            | 3.75  | -4.630      | 121          | 6.40  | 7.880     | 171 | 9.13  | 5.380   |
| 22        | 1.08  | 10.380   | 72            | 3.80  | 7.880       | 122          | 6.48  | 32.880    | 172 | 9.15  | 5.380   |
| 23        | 1.11  | -4.630   | 73            | 3.85  | -17.130     | 123          | 6.55  | -4.630    | 173 | 9.20  | 17.880  |
| 24        | 1.20  | -4.630   | 74            | 3.90  | -10.880     | 124          | 6.55  | -17.130   | 174 | 9.27  | -2.130  |
| 25        | 1.25  | 7.880    | 75            | 3.93  | 5.380       | 125          | 6.60  | 1.630     | 175 | 9.30  | 1.630   |
| 26        | 1.30  | -10.880  | 76            | 4.00  | -17.130     | 126          | 6.70  | -29.630   | 176 | 9.37  | 12.880  |
| 27        | 1.40  | 7.880    | 77            | 4.05  | 20.380      | 127          | 6.78  | 11.630    | 177 | 9.40  | 7.880   |
| 28        | 1.50  | -7.130   | 78            | 4.10  | -20.880     | 128          | 6.80  | -4.630    | 178 | 9.43  | 10.380  |
| 29        | 1.53  | 2.880    | 79            | 4.20  | -23.880     | 129          | 6.90  | -23.880   | 179 | 9.50  | -17.130 |
| 30        | 1.60  | -4.630   | 80            | 4.25  | 14.130      | 130          | 7.00  | 20.380    | 180 | 9.60  | -17.130 |
| 31        | 1.67  | -2.130   | 81            | 4.30  | 1.630       | 131          | 7.05  | 10.380    | 181 | 9.65  | 22.880  |
| 32        | 1.70  | -4.630   | 82            | 4.35  | -10.880     | 132          | 7.08  | 22.880    | 182 | 9.70  | -4.630  |
| 33        | 1.74  | 0.380    | 83            | 4.40  | 20.380      | 133          | 7.10  | -14.630   | 183 | 9.75  | -10.880 |
| 34        | 1.80  | -10.880  | 84            | 4.46  | -4.630      | 134          | 7.12  | -17.130   | 184 | 9.80  | -10.880 |
| 35        | 1.85  | -10.880  | 85            | 4.50  | -2.130      | 135          | 7.20  | 11.630    | 185 | 9.87  | -10.880 |
| 36        | 1.90  | 1.630    | 86            | 4.53  | 7.880       | 136          | 7.23  | -12.130   | 186 | 9.90  | -4.630  |
| 37        | 1.95  | -19.630  | 87            | 4.60  | -22.130     | 137          | 7.28  | 1.630     | 187 | 9.95  | 22.880  |
| 38        | 2.00  | 7.880    | 88            | 4.70  | 7.880       | 138          | 7.30  | -10.880   | 188 | 10.00 | 7.880   |
| 39        | 2.02  | 11.630   | 89            | 4.75  | -4.630      | 139          | 7.32  | -14.630   | 189 | 10.05 | -17.130 |
| 40        | 2.10  | -10.880  | 90            | 4.80  | 1.630       | 140          | 7.40  | 4.630     | 190 | 10.10 | -13.380 |
| 41        | 2.15  | -4.630   | 91            | 4.83  | -0.880      | 141          | 7.45  | -0.880    | 191 | 10.16 | 0.380   |
| 42        | 2.20  | -4.630   | 92            | 4.87  | 32.880      | 142          | 7.48  | 0.380     | 192 | 10.20 | -5.880  |
| 43        | 2.23  | 12.880   | 93            | 4.90  | -4.630      | 143          | 7.50  | -14.630   | 193 | 10.26 | 20.380  |
| 44        | 2.30  | -4.630   | 94            | 4.95  | -33.880     | 144          | 7.53  | -17.130   | 194 | 10.30 | -0.880  |
| 45        | 2.35  | -17.130  | 95            | 5.00  | -4.630      | 145          | 7.60  | 24.130    | 195 | 10.32 | -0.880  |
| 46        | 2.40  | 4.130    | 96            | 5.04  | 24.130      | 146          | 7.70  | -10.880   | 196 | 10.37 | -17.130 |
| 47        | 2.50  | -17.130  | 97            | 5.10  | -14.630     | 147          | 7.72  | -14.630   | 197 | 10.40 | -14.630 |
| 48        | 2.57  | -0.880   | 98            | 5.15  | 11.630      | 148          | 7.80  | 10.380    | 198 | 10.50 | -4.630  |
| 49        | 2.60  | -4.630   | 99            | 5.20  | -17.130     | 149          | 7.90  | -17.130   | 199 | 10.52 | 1.630   |
| 50        | 2.70  | 11.630   | 100           | 5.22  | -19.630     | 150          | 7.95  | -19.630   | 200 | 10.55 | -0.880  |

| INDEX NO. 236 |       | 204-GR-3 | SHINYAWATA B. | LG    | MAX.ACCEL.= -42.130(GAL) |     | T= 8.50(SEC) |         | NO. 2 |       |         |
|---------------|-------|----------|---------------|-------|--------------------------|-----|--------------|---------|-------|-------|---------|
| NO.           | (SEC) | (GAL)    | NO.           | (SEC) | (GAL)                    | NO. | (SEC)        | (GAL)   | NO.   | (SEC) | (GAL)   |
| 201           | 10.60 | 25.380   | 251           | 13.50 | -8.380                   | 301 | 16.60        | 14.130  | 351   | 20.40 | 5.380   |
| 202           | 10.70 | -7.130   | 252           | 13.60 | 1.630                    | 302 | 16.70        | -4.430  | 352   | 20.45 | 4.130   |
| 203           | 10.75 | 2.880    | 253           | 13.63 | -0.880                   | 303 | 16.80        | 7.880   | 353   | 20.55 | 17.880  |
| 204           | 10.80 | -4.630   | 254           | 13.70 | 22.880                   | 304 | 16.83        | 15.380  | 354   | 20.60 | 14.130  |
| 205           | 10.85 | -4.630   | 255           | 13.80 | 11.630                   | 305 | 16.90        | 11.430  | 355   | 20.67 | 14.130  |
| 206           | 10.90 | 7.880    | 256           | 13.90 | 5.380                    | 306 | 17.00        | -10.380 | 356   | 20.70 | 7.880   |
| 207           | 10.93 | 14.130   | 257           | 13.98 | 1.630                    | 307 | 17.10        | 5.380   | 357   | 20.80 | -10.880 |
| 208           | 11.00 | -10.880  | 258           | 14.00 | -14.630                  | 308 | 17.20        | 7.880   | 358   | 20.90 | -2.130  |
| 209           | 11.10 | 1.630    | 259           | 14.02 | -14.630                  | 309 | 17.30        | 1.630   | 359   | 20.95 | 4.130   |
| 210           | 11.15 | -20.880  | 260           | 14.10 | -4.630                   | 310 | 17.35        | 10.380  | 360   | 21.00 | 2.880   |
| 211           | 11.20 | -10.880  | 261           | 14.20 | -4.630                   | 311 | 17.40        | 5.380   | 361   | 21.10 | 1.630   |
| 212           | 11.25 | -4.630   | 262           | 14.30 | 22.880                   | 312 | 17.50        | 7.880   | 362   | 21.16 | 15.380  |
| 213           | 11.30 | 8.380    | 263           | 14.40 | -0.880                   | 313 | 17.60        | -2.130  | 363   | 21.20 | 15.380  |
| 214           | 11.33 | 10.380   | 264           | 14.50 | -10.880                  | 314 | 17.70        | 10.380  | 364   | 21.26 | 11.630  |
| 215           | 11.40 | -12.130  | 265           | 14.52 | -14.630                  | 315 | 17.75        | 1.630   | 365   | 21.30 | 15.380  |
| 216           | 11.50 | 26.630   | 266           | 14.57 | -17.130                  | 316 | 17.80        | 1.630   | 366   | 21.35 | 15.380  |
| 217           | 11.60 | -4.630   | 267           | 14.60 | -17.130                  | 317 | 17.90        | 5.380   | 367   | 21.40 | 7.880   |
| 218           | 11.62 | -14.630  | 268           | 14.66 | 10.380                   | 318 | 18.00        | 7.880   | 368   | 21.50 | -0.880  |
| 219           | 11.70 | -7.130   | 269           | 14.70 | 7.880                    | 319 | 18.05        | 1.630   | 369   | 21.55 | -0.880  |
| 220           | 11.78 | -4.630   | 270           | 14.75 | 2.880                    | 320 | 18.10        | 2.880   | 370   | 21.60 | 4.130   |
| 221           | 11.80 | -0.880   | 271           | 14.80 | 7.880                    | 321 | 18.20        | -10.880 | 371   | 21.70 | 4.130   |
| 222           | 11.90 | 1.630    | 272           | 14.90 | 1.630                    | 322 | 18.30        | 11.630  | 372   | 21.80 | 7.880   |
| 223           | 12.00 | -17.130  | 273           | 14.93 | 1.630                    | 323 | 18.40        | 4.130   | 373   | 21.84 | 10.380  |
| 224           | 12.07 | -4.630   | 274           | 14.98 | 5.380                    | 324 | 18.45        | 4.130   | 374   | 21.90 | 7.880   |
| 225           | 12.10 | -4.630   | 275           | 15.00 | 1.630                    | 325 | 18.50        | -4.630  | 375   | 22.00 | 7.880   |
| 226           | 12.17 | 11.630   | 276           | 15.05 | -4.630                   | 326 | 18.60        | 11.630  | 376   | 22.10 | -8.380  |
| 227           | 12.20 | 1.630    | 277           | 15.10 | -4.630                   | 327 | 18.62        | 1.630   | 377   | 22.20 | 7.880   |
| 228           | 12.25 | 1.630    | 278           | 15.20 | 2.880                    | 328 | 18.70        | 2.880   | 378   | 22.25 | 16.630  |
| 229           | 12.30 | 5.380    | 279           | 15.25 | 5.380                    | 329 | 18.80        | 16.630  | 379   | 22.30 | 14.130  |
| 230           | 12.37 | 7.880    | 280           | 15.30 | 1.630                    | 330 | 18.90        | -4.630  | 380   | 22.40 | 7.880   |
| 231           | 12.40 | -4.630   | 281           | 15.35 | 1.630                    | 331 | 19.00        | 1.630   | 381   | 22.50 | 7.880   |
| 232           | 12.48 | 0.380    | 282           | 15.40 | -2.130                   | 332 | 19.05        | 1.630   | 382   | 22.60 | 1.630   |
| 233           | 12.50 | -2.130   | 283           | 15.48 | 7.880                    | 333 | 19.10        | 5.380   | 383   | 22.63 | 1.630   |
| 234           | 12.60 | -4.630   | 284           | 15.50 | 1.630                    | 334 | 19.15        | 2.880   | 384   | 22.68 | 5.380   |
| 235           | 12.63 | 7.880    | 285           | 15.58 | 7.880                    | 335 | 19.20        | 7.880   | 385   | 22.70 | 4.130   |
| 236           | 12.70 | -17.130  | 286           | 15.60 | 1.630                    | 336 | 19.22        | 7.880   | 386   | 22.80 | 4.130   |
| 237           | 12.80 | -4.630   | 287           | 15.68 | 1.630                    | 337 | 19.30        | 20.380  | 387   | 22.85 | 8.380   |
| 238           | 12.88 | 14.130   | 288           | 15.70 | -0.880                   | 338 | 19.40        | 5.380   | 388   | 22.90 | 4.130   |
| 239           | 12.90 | 7.880    | 289           | 15.80 | 1.630                    | 339 | 19.50        | -4.630  | 389   | 22.95 | 4.130   |
| 240           | 12.94 | -0.880   | 290           | 15.90 | 5.380                    | 340 | 19.60        | 5.380   | 390   | 23.00 | 7.880   |
| 241           | 13.00 | 5.380    | 291           | 16.00 | 5.380                    | 341 | 19.70        | 5.380   |       |       |         |
| 242           | 13.05 | 7.880    | 292           | 16.05 | 1.630                    | 342 | 19.80        | 7.880   |       |       |         |
| 243           | 13.10 | 1.630    | 293           | 16.10 | -0.880                   | 343 | 19.87        | 17.880  |       |       |         |
| 244           | 13.13 | -2.130   | 294           | 16.20 | 1.630                    | 344 | 19.90        | 14.130  |       |       |         |
| 245           | 13.20 | 1.630    | 295           | 16.25 | 14.130                   | 345 | 20.00        | -0.880  |       |       |         |
| 246           | 13.25 | -4.630   | 296           | 16.30 | -4.630                   | 346 | 20.05        | 1.630   |       |       |         |
| 247           | 13.30 | 7.880    | 297           | 16.35 | 1.630                    | 347 | 20.10        | -2.130  |       |       |         |
| 248           | 13.38 | 7.880    | 298           | 16.40 | 1.630                    | 348 | 20.18        | 2.880   |       |       |         |
| 249           | 13.40 | -4.630   | 299           | 16.45 | -4.630                   | 349 | 20.20        | 1.630   |       |       |         |
| 250           | 13.42 | -10.880  | 300           | 16.50 | -4.630                   | 350 | 20.30        | 10.380  |       |       |         |

| INDEX NO. 237 |       | 905-B-265 | OCHIAI BRIDGE | LG    | MAX.ACCEL.= 70.250(GAL) |  | T= 0.48(SEC) |  | NO. 1 |  |
|---------------|-------|-----------|---------------|-------|-------------------------|--|--------------|--|-------|--|
| NO.           | (SEC) | (GAL)     | NO.           | (SEC) | (GAL)                   |  |              |  |       |  |
| 1             | 0     | -1,000    | 51            | 2.30  | -2,250                  |  |              |  |       |  |
| 2             | 0.09  | -3,500    | 52            | 2.35  | 7,750                   |  |              |  |       |  |
| 3             | 0.10  | 1,500     | 53            | 2.38  | 2,750                   |  |              |  |       |  |
| 4             | 0.12  | 11,500    | 54            | 2.40  | 2,750                   |  |              |  |       |  |
| 5             | 0.17  | -7,250    | 55            | 2.48  | 2,750                   |  |              |  |       |  |
| 6             | 0.20  | 1,500     | 56            | 2.50  | -8,500                  |  |              |  |       |  |
| 7             | 0.26  | -3,500    | 57            | 2.60  | 14,000                  |  |              |  |       |  |
| 8             | 0.30  | 4,000     | 58            | 2.66  | -1,000                  |  |              |  |       |  |
| 9             | 0.40  | -18,500   | 59            | 2.70  | 1,500                   |  |              |  |       |  |
| 10            | 0.42  | -23,500   | 60            | 2.80  | -11,000                 |  |              |  |       |  |
| 11            | 0.48  | 70,250    | 61            | 2.90  | 14,000                  |  |              |  |       |  |
| 12            | 0.50  | 30,250    | 62            | 2.94  | 1,500                   |  |              |  |       |  |
| 13            | 0.57  | -54,750   | 63            | 3.00  | 9,000                   |  |              |  |       |  |
| 14            | 0.60  | -48,500   | 64            | 3.10  | -3,500                  |  |              |  |       |  |
| 15            | 0.63  | 21,500    | 65            | 3.20  | -8,500                  |  |              |  |       |  |
| 16            | 0.67  | 16,500    | 66            | 3.26  | 10,250                  |  |              |  |       |  |
| 17            | 0.70  | -11,000   | 67            | 3.30  | -1,000                  |  |              |  |       |  |
| 18            | 0.73  | -16,000   | 68            | 3.38  | 11,500                  |  |              |  |       |  |
| 19            | 0.80  | 0,250     | 69            | 3.40  | 1,500                   |  |              |  |       |  |
| 20            | 0.83  | 1,500     | 70            | 3.45  | -4,750                  |  |              |  |       |  |
| 21            | 0.86  | 21,500    | 71            | 3.50  | -1,000                  |  |              |  |       |  |
| 22            | 0.90  | -14,750   | 72            | 3.60  | -2,250                  |  |              |  |       |  |
| 23            | 0.92  | -17,250   | 73            | 3.65  | 1,500                   |  |              |  |       |  |
| 24            | 0.97  | -9,750    | 74            | 3.70  | -3,500                  |  |              |  |       |  |
| 25            | 1.00  | -8,500    | 75            | 3.73  | 7,250                   |  |              |  |       |  |
| 26            | 1.06  | 5,250     | 76            | 3.80  | -2,250                  |  |              |  |       |  |
| 27            | 1.10  | 1,500     | 77            | 3.90  | 4,000                   |  |              |  |       |  |
| 28            | 1.14  | 14,000    | 78            | 3.95  | 7,750                   |  |              |  |       |  |
| 29            | 1.20  | -6,000    | 79            | 4.00  | 2,750                   |  |              |  |       |  |
| 30            | 1.23  | 1,500     | 80            | 4.05  | 4,000                   |  |              |  |       |  |
| 31            | 1.30  | -3,500    | 81            | 4.10  | -6,000                  |  |              |  |       |  |
| 32            | 1.34  | 5,250     | 82            | 4.17  | 1,000                   |  |              |  |       |  |
| 33            | 1.40  | -11,000   | 83            | 4.20  | -3,500                  |  |              |  |       |  |
| 34            | 1.50  | 14,000    | 84            | 4.30  | 4,000                   |  |              |  |       |  |
| 35            | 1.59  | -4,750    | 85            | 4.40  | 1,500                   |  |              |  |       |  |
| 36            | 1.60  | -4,750    | 86            | 4.50  | -3,500                  |  |              |  |       |  |
| 37            | 1.62  | 2,750     | 87            | 4.53  | -3,500                  |  |              |  |       |  |
| 38            | 1.70  | -7,250    | 88            | 4.60  | -1,000                  |  |              |  |       |  |
| 39            | 1.75  | -11,000   | 89            | 4.63  | 1,500                   |  |              |  |       |  |
| 40            | 1.80  | 11,500    | 90            | 4.70  | 0,250                   |  |              |  |       |  |
| 41            | 1.82  | 4,000     | 91            | 4.76  | 4,000                   |  |              |  |       |  |
| 42            | 1.88  | 7,750     | 92            | 4.80  | 1,500                   |  |              |  |       |  |
| 43            | 1.90  | 1,500     | 93            | 4.83  | 1,500                   |  |              |  |       |  |
| 44            | 1.95  | -1,000    | 94            | 4.90  | 4,000                   |  |              |  |       |  |
| 45            | 2.00  | 1,500     | 95            | 4.95  | -1,000                  |  |              |  |       |  |
| 46            | 2.03  | 5,250     | 96            | 5.00  | 1,500                   |  |              |  |       |  |
| 47            | 2.10  | -13,500   |               |       |                         |  |              |  |       |  |
| 48            | 2.15  | 4,000     |               |       |                         |  |              |  |       |  |
| 49            | 2.20  | 1,500     |               |       |                         |  |              |  |       |  |
| 50            | 2.23  | 2,750     |               |       |                         |  |              |  |       |  |

| INDEX NO. 238 | 905-B-265 | OCHIAI BRIDGE | TR     | MAX.ACCEL.= -13,000(GAL) | T= 1.21(SEC) | NO. 1 |
|---------------|-----------|---------------|--------|--------------------------|--------------|-------|
| NO. (SEC)     | (GAL)     | NO. (SEC)     | (GAL)  | NO. (SEC)                | (GAL)        |       |
| 1 0.          | -1,750    | 51 2.15       | 4,500  | 101 4.95                 | -0,500       |       |
| 2 0.02        | -4,250    | 52 2.20       | -3,000 | 102 5.00                 | 0,750        |       |
| 3 0.08        | 2,000     | 53 2.28       | 10,750 |                          |              |       |
| 4 0.10        | -0,500    | 54 2.30       | 0,750  |                          |              |       |
| 5 0.14        | -1,750    | 55 2.33       | 2,000  |                          |              |       |
| 6 0.20        | 2,000     | 56 2.37       | -3,000 |                          |              |       |
| 7 0.23        | 3,250     | 57 2.40       | -1,750 |                          |              |       |
| 8 0.28        | -0,500    | 58 2.45       | 3,250  |                          |              |       |
| 9 0.30        | 3,250     | 59 2.48       | -4,250 |                          |              |       |
| 10 0.36       | -0,500    | 60 2.50       | -1,750 |                          |              |       |
| 11 0.40       | 2,000     | 61 2.55       | 12,000 |                          |              |       |
| 12 0.48       | 3,250     | 62 2.60       | -3,000 |                          |              |       |
| 13 0.50       | -1,750    | 63 2.63       | 7,000  |                          |              |       |
| 14 0.54       | -9,250    | 64 2.70       | -4,250 |                          |              |       |
| 15 0.58       | 8,250     | 65 2.73       | -6,750 |                          |              |       |
| 16 0.60       | 3,250     | 66 2.80       | 5,750  |                          |              |       |
| 17 0.64       | -4,250    | 67 2.88       | 4,500  |                          |              |       |
| 18 0.70       | -0,500    | 68 2.90       | 5,750  |                          |              |       |
| 19 0.75       | 5,750     | 69 2.97       | -1,750 |                          |              |       |
| 20 0.80       | -1,750    | 70 3.00       | 0,750  |                          |              |       |
| 21 0.87       | 2,000     | 71 3.07       | 3,250  |                          |              |       |
| 22 0.90       | 0,750     | 72 3.10       | -0,500 |                          |              |       |
| 23 0.95       | -1,750    | 73 3.14       | -1,750 |                          |              |       |
| 24 0.98       | -4,250    | 74 3.20       | 7,000  |                          |              |       |
| 25 1.00       | -0,500    | 75 3.25       | -4,250 |                          |              |       |
| 26 1.05       | 10,750    | 76 3.30       | 0,750  |                          |              |       |
| 27 1.09       | -9,250    | 77 3.36       | -4,250 |                          |              |       |
| 28 1.10       | -5,500    | 78 3.40       | -1,750 |                          |              |       |
| 29 1.14       | 7,000     | 79 3.48       | 4,500  |                          |              |       |
| 30 1.20       | -11,750   | 80 3.50       | -3,000 |                          |              |       |
| 31 1.21       | -13,000   | 81 3.60       | 0,750  |                          |              |       |
| 32 1.28       | 5,750     | 82 3.63       | -1,750 |                          |              |       |
| 33 1.30       | 2,000     | 83 3.70       | -1,750 |                          |              |       |
| 34 1.34       | -1,750    | 84 3.80       | 5,750  |                          |              |       |
| 35 1.40       | 4,500     | 85 3.90       | -3,000 |                          |              |       |
| 36 1.46       | -3,000    | 86 3.95       | -5,500 |                          |              |       |
| 37 1.50       | 3,250     | 87 4.00       | 4,500  |                          |              |       |
| 38 1.58       | -10,500   | 88 4.06       | -4,250 |                          |              |       |
| 39 1.60       | -6,750    | 89 4.10       | 0,750  |                          |              |       |
| 40 1.65       | 5,750     | 90 4.15       | 4,500  |                          |              |       |
| 41 1.70       | -3,000    | 91 4.20       | -1,750 |                          |              |       |
| 42 1.78       | 8,250     | 92 4.30       | -3,000 |                          |              |       |
| 43 1.80       | 3,250     | 93 4.36       | 3,250  |                          |              |       |
| 44 1.82       | -4,250    | 94 4.40       | 0,750  |                          |              |       |
| 45 1.90       | 0,750     | 95 4.50       | 2,000  |                          |              |       |
| 46 1.94       | -6,750    | 96 4.60       | 2,000  |                          |              |       |
| 47 2.00       | 8,250     | 97 4.70       | -4,250 |                          |              |       |
| 48 2.06       | -1,750    | 98 4.80       | 0,750  |                          |              |       |
| 49 2.09       | 2,000     | 99 4.88       | 3,250  |                          |              |       |
| 50 2.10       | -4,250    | 100 4.90      | 2,000  |                          |              |       |

| INDEX NO. 239 | 205-QR-8 | ISHIETO BRIDGE LG | MAX.ACCEL.= 26,500(GAL) | T=10.85(SEC) | NO. 1   |
|---------------|----------|-------------------|-------------------------|--------------|---------|
| NO. (SEC)     | (GAL)    | NO. (SEC)         | (GAL)                   | NO. (SEC)    | (GAL)   |
| 1 0.          | 1,500    | 51 3.60           | -6,000                  | 101 7.00     | -4,750  |
| 2 0.10        | 0,250    | 52 3.67           | 0,250                   | 102 7.10     | -1,000  |
| 3 0.15        | 4,000    | 53 3.70           | -4,750                  | 103 7.15     | 4,000   |
| 4 0.20        | 0,250    | 54 3.72           | -1,000                  | 104 7.20     | 1,500   |
| 5 0.25        | 4,000    | 55 3.80           | 4,000                   | 105 7.30     | 2,750   |
| 6 0.30        | -1,000   | 56 3.90           | 1,500                   | 106 7.40     | -8,500  |
| 7 0.40        | -2,250   | 57 3.95           | 12,750                  | 107 7.50     | 1,500   |
| 8 0.45        | 6,500    | 58 4.00           | -4,750                  | 108 7.57     | -1,000  |
| 9 0.50        | 7,750    | 59 4.10           | -13,500                 | 109 7.60     | 1,500   |
| 10 0.60       | -4,750   | 60 4.15           | 5,250                   | 110 7.70     | 0,250   |
| 11 0.70       | -1,000   | 61 4.20           | 1,500                   | 111 7.80     | -1,000  |
| 12 0.75       | 4,000    | 62 4.24           | -2,250                  | 112 7.85     | 0,250   |
| 13 0.80       | 1,500    | 63 4.30           | 1,500                   | 113 7.90     | 15,250  |
| 14 0.90       | 0,250    | 64 4.37           | -1,000                  | 114 8.00     | -11,000 |
| 15 1.00       | 0,250    | 65 4.40           | -0,250                  | 115 8.05     | -13,500 |
| 16 1.03       | -1,000   | 66 4.46           | 4,000                   | 116 8.10     | 1,500   |
| 17 1.07       | 9,000    | 67 4.50           | -0,250                  | 117 8.20     | 7,750   |
| 18 1.10       | 1,500    | 68 4.60           | 1,500                   | 118 8.30     | -14,750 |
| 19 1.15       | -6,000   | 69 4.65           | -8,500                  | 119 8.40     | 1,500   |
| 20 1.20       | 1,500    | 70 4.70           | 1,500                   | 120 8.43     | 2,750   |
| 21 1.25       | 7,750    | 71 4.80           | -1,000                  | 121 8.46     | 7,750   |
| 22 1.30       | -4,750   | 72 4.85           | -2,250                  | 122 8.50     | 1,500   |
| 23 1.40       | -1,000   | 73 4.90           | 9,000                   | 123 8.60     | -15,500 |
| 24 1.50       | 2,750    | 74 5.00           | 0,250                   | 124 8.65     | 0,250   |
| 25 1.60       | -7,250   | 75 5.10           | 4,000                   | 125 8.70     | -11,000 |
| 26 1.70       | 1,500    | 76 5.15           | 1,500                   | 126 8.75     | 2,750   |
| 27 1.80       | -1,000   | 77 5.20           | 7,750                   | 127 8.80     | -1,000  |
| 28 1.85       | 10,250   | 78 5.30           | -7,250                  | 128 8.90     | 1,500   |
| 29 1.90       | -4,750   | 79 5.40           | -6,000                  | 129 9.00     | -1,000  |
| 30 2.00       | -7,250   | 80 5.50           | 7,750                   | 130 9.10     | 1,500   |
| 31 2.05       | 6,500    | 81 5.55           | 2,750                   | 131 9.20     | 1,500   |
| 32 2.10       | 7,750    | 82 5.60           | 4,000                   | 132 9.30     | 15,250  |
| 33 2.20       | -7,250   | 83 5.65           | -1,000                  | 133 9.40     | 1,500   |
| 34 2.25       | 1,500    | 84 5.70           | 9,000                   | 134 9.50     | -11,000 |
| 35 2.30       | -1,000   | 85 5.80           | -7,250                  | 135 9.55     | -15,500 |
| 36 2.40       | 1,500    | 86 5.90           | -6,000                  | 136 9.60     | -2,500  |
| 37 2.46       | 5,250    | 87 5.95           | 11,500                  | 137 9.67     | -4,750  |
| 38 2.50       | 1,500    | 88 6.00           | 1,500                   | 138 9.70     | 4,000   |
| 39 2.60       | -3,500   | 89 6.20           | 10,250                  | 139 9.75     | 6,500   |
| 40 2.70       | -2,250   | 90 6.30           | -8,500                  | 140 9.80     | -1,000  |
| 41 2.80       | 2,750    | 91 6.35           | 7,750                   | 141 9.90     | -13,500 |
| 42 2.90       | 2,750    | 92 6.40           | 4,000                   | 142 9.93     | -16,000 |
| 43 3.00       | -12,250  | 93 6.50           | -6,000                  | 143 10.00    | 1,500   |
| 44 3.10       | 4,000    | 94 6.60           | 5,250                   | 144 10.05    | 25,250  |
| 45 3.20       | 4,000    | 95 6.70           | -1,000                  | 145 10.10    | 20,250  |
| 46 3.30       | -1,000   | 96 6.75           | 2,750                   | 146 10.20    | 4,000   |
| 47 3.40       | 0,250    | 97 6.80           | 0,250                   | 147 10.30    | 0,250   |
| 48 3.45       | 7,750    | 98 6.85           | -7,250                  | 148 10.40    | -18,500 |
| 49 3.50       | 1,500    | 99 6.90           | -3,500                  | 149 10.50    | -1,000  |
| 50 3.55       | 1,500    | 100 6.94          | -1,000                  | 150 10.56    | -3,500  |
|               |          |                   |                         | 151 10.60    | -1,000  |
|               |          |                   |                         | 152 10.70    | -16,000 |
|               |          |                   |                         | 153 10.80    | 2,750   |
|               |          |                   |                         | 154 10.85    | 26,500  |
|               |          |                   |                         | 155 10.90    | 11,500  |
|               |          |                   |                         | 156 11.00    | -11,000 |
|               |          |                   |                         | 157 11.05    | -23,500 |
|               |          |                   |                         | 158 11.10    | -23,500 |
|               |          |                   |                         | 159 11.15    | 0,250   |
|               |          |                   |                         | 160 11.20    | -8,500  |
|               |          |                   |                         | 161 11.25    | -1,000  |
|               |          |                   |                         | 162 11.30    | -2,250  |
|               |          |                   |                         | 163 11.40    | 14,000  |
|               |          |                   |                         | 164 11.43    | 16,500  |
|               |          |                   |                         | 165 11.50    | 9,000   |
|               |          |                   |                         | 166 11.60    | 7,750   |
|               |          |                   |                         | 167 11.64    | 7,750   |
|               |          |                   |                         | 168 11.70    | -1,000  |
|               |          |                   |                         | 169 11.80    | -8,500  |
|               |          |                   |                         | 170 11.90    | -9,750  |
|               |          |                   |                         | 171 11.95    | -8,500  |
|               |          |                   |                         | 172 12.00    | -16,000 |
|               |          |                   |                         | 173 12.10    | 15,250  |
|               |          |                   |                         | 174 12.20    | 1,500   |
|               |          |                   |                         | 175 12.20    | -1,000  |
|               |          |                   |                         | 176 12.30    | 11,500  |
|               |          |                   |                         | 177 12.40    | 1,500   |
|               |          |                   |                         | 178 12.50    | -1,000  |
|               |          |                   |                         | 179 12.53    | 0,250   |
|               |          |                   |                         | 180 12.60    | -4,750  |
|               |          |                   |                         | 181 12.63    | 6,500   |
|               |          |                   |                         | 182 12.70    | -8,500  |
|               |          |                   |                         | 183 12.80    | -4,750  |
|               |          |                   |                         | 184 12.85    | 9,000   |
|               |          |                   |                         | 185 12.90    | 4,000   |
|               |          |                   |                         | 186 13.00    | -8,500  |
|               |          |                   |                         | 187 13.10    | -4,750  |
|               |          |                   |                         | 188 13.20    | -1,000  |
|               |          |                   |                         | 189 13.30    | 0,250   |
|               |          |                   |                         | 190 13.40    | 0,250   |
|               |          |                   |                         | 191 13.50    | -8,500  |
|               |          |                   |                         | 192 13.60    | 1,500   |
|               |          |                   |                         | 193 13.65    | 9,000   |
|               |          |                   |                         | 194 13.70    | 7,750   |
|               |          |                   |                         | 195 13.80    | -1,000  |
|               |          |                   |                         | 196 13.90    | 6,500   |
|               |          |                   |                         | 197 14.00    | 0,250   |
|               |          |                   |                         | 198 14.10    | 1,500   |
|               |          |                   |                         | 199 14.20    | -11,000 |
|               |          |                   |                         | 200 14.30    | 14,000  |

| INDEX NO. 239 | 205-GR-8 | ISHISETO BRIDGE LG | MAX.ACCEL.= 26.500(GAL) | T=10.85(SEC) | NO. 2  |
|---------------|----------|--------------------|-------------------------|--------------|--------|
| NO. (SEC)     | (GAL)    | NO. (SEC)          | (GAL)                   | NO. (SEC)    | (GAL)  |
| 201 14.40     | 0.250    | 251 18.30          | 0.250                   | 301 22.90    | -3.500 |
| 202 14.50     | -12.250  | 252 18.40          | 2.750                   | 302 23.00    | -4.750 |
| 203 14.60     | -4.750   | 253 18.50          | 2.750                   |              |        |
| 204 14.63     | 0.250    | 254 18.60          | 1.500                   |              |        |
| 205 14.70     | -1.000   | 255 18.70          | 0.250                   |              |        |
| 206 14.80     | -8.000   | 256 18.80          | -8.500                  |              |        |
| 207 14.88     | -12.250  | 257 18.90          | -4.750                  |              |        |
| 208 14.90     | -11.000  | 258 19.00          | 9.000                   |              |        |
| 209 14.95     | 6.500    | 259 19.10          | 7.750                   |              |        |
| 210 15.00     | 7.750    | 260 19.20          | 2.750                   |              |        |
| 211 15.10     | 14.000   | 261 19.30          | 1.500                   |              |        |
| 212 15.20     | 4.000    | 262 19.40          | -4.750                  |              |        |
| 213 15.20     | -7.250   | 263 19.50          | -6.000                  |              |        |
| 214 15.40     | -2.250   | 264 19.60          | 1.500                   |              |        |
| 215 15.50     | -3.500   | 265 19.70          | 1.500                   |              |        |
| 216 15.60     | -4.750   | 266 19.80          | 2.750                   |              |        |
| 217 15.70     | 6.500    | 267 19.90          | -4.750                  |              |        |
| 218 15.75     | 10.250   | 268 20.00          | -8.500                  |              |        |
| 219 15.80     | 0.250    | 269 20.10          | -1.000                  |              |        |
| 220 15.85     | 1.500    | 270 20.20          | 0.250                   |              |        |
| 221 15.90     | 2.750    | 271 20.30          | 0.250                   |              |        |
| 222 16.00     | -8.500   | 272 20.35          | -2.250                  |              |        |
| 223 16.10     | 4.000    | 273 20.40          | 0.250                   |              |        |
| 224 16.20     | -1.000   | 274 20.45          | 4.000                   |              |        |
| 225 16.30     | 0.250    | 275 20.50          | 1.500                   |              |        |
| 226 16.40     | -1.000   | 276 20.60          | -2.250                  |              |        |
| 227 16.50     | -11.000  | 277 20.70          | -6.000                  |              |        |
| 228 16.60     | -9.750   | 278 20.80          | 1.500                   |              |        |
| 229 16.70     | 4.000    | 279 20.90          | 4.000                   |              |        |
| 230 16.80     | 14.000   | 280 21.00          | 4.000                   |              |        |
| 231 16.90     | 0.250    | 281 21.10          | 0.250                   |              |        |
| 232 17.00     | -6.000   | 282 21.20          | 0.250                   |              |        |
| 233 17.10     | -11.000  | 283 21.30          | -1.000                  |              |        |
| 234 17.16     | -3.500   | 284 21.40          | 1.500                   |              |        |
| 235 17.20     | -8.500   | 285 21.50          | 1.500                   |              |        |
| 236 17.23     | -4.750   | 286 21.60          | -2.250                  |              |        |
| 237 17.30     | 5.250    | 287 21.70          | -4.750                  |              |        |
| 238 17.35     | 9.000    | 288 21.80          | 1.500                   |              |        |
| 239 17.40     | 5.250    | 289 21.90          | 1.500                   |              |        |
| 240 17.42     | 1.500    | 290 22.00          | -3.500                  |              |        |
| 241 17.50     | 4.000    | 291 22.10          | 1.500                   |              |        |
| 242 17.60     | -1.000   | 292 22.15          | 1.500                   |              |        |
| 243 17.65     | -3.500   | 293 22.20          | -1.000                  |              |        |
| 244 17.70     | 1.500    | 294 22.30          | -2.250                  |              |        |
| 245 17.80     | -1.000   | 295 22.40          | -1.000                  |              |        |
| 246 17.87     | 9.000    | 296 22.45          | 1.500                   |              |        |
| 247 17.90     | 7.750    | 297 22.50          | 1.500                   |              |        |
| 248 18.00     | 0.250    | 298 22.60          | 0.250                   |              |        |
| 249 18.10     | -1.000   | 299 22.70          | -1.000                  |              |        |
| 250 18.20     | -2.250   | 300 22.80          | -2.250                  |              |        |

| INDEX NO. 240 | 205-GR-8 | ISHISETO BRIDGE TR | MAX.ACCEL.= -27.500(GAL) | T=12.16(SEC) | NO. 1   |
|---------------|----------|--------------------|--------------------------|--------------|---------|
| NO. (SEC)     | (GAL)    | NO. (SEC)          | (GAL)                    | NO. (SEC)    | (GAL)   |
| 1 0.          | -2.500   | 51 3.20            | -2.500                   | 101 6.40     | -1.500  |
| 2 0.05        | 2.500    | 52 3.25            | 0.                       | 102 6.44     | 1.000   |
| 3 0.10        | 3.750    | 53 3.30            | -1.250                   | 103 6.50     | -0.250  |
| 4 0.20        | -3.750   | 54 3.40            | 0.                       | 104 6.53     | -0.250  |
| 5 0.25        | -1.250   | 55 3.50            | -1.250                   | 105 6.60     | -14.000 |
| 6 0.30        | -2.500   | 56 3.53            | 2.500                    | 106 6.70     | -4.000  |
| 7 0.35        | -3.750   | 57 3.60            | -1.250                   | 107 6.80     | -2.750  |
| 8 0.40        | -3.750   | 58 3.70            | 7.250                    | 108 6.85     | 3.750   |
| 9 0.50        | -5.000   | 59 3.75            | -2.750                   | 109 6.90     | 0.      |
| 10 0.60       | 2.250    | 60 3.80            | -4.000                   | 110 6.95     | -3.750  |
| 11 0.66       | -1.500   | 61 3.84            | -5.250                   | 111 7.00     | 0.      |
| 12 0.70       | 1.000    | 62 3.90            | 2.250                    | 112 7.10     | 7.500   |
| 13 0.80       | -5.000   | 63 3.95            | 2.250                    | 113 7.20     | -1.250  |
| 14 0.88       | 2.500    | 64 4.00            | 7.500                    | 114 7.30     | -2.500  |
| 15 0.90       | -3.750   | 65 4.10            | -2.500                   | 115 7.40     | -1.250  |
| 16 1.00       | 7.500    | 66 4.20            | -2.500                   | 116 7.50     | 8.750   |
| 17 1.03       | 5.000    | 67 4.30            | -5.000                   | 117 7.60     | -12.800 |
| 18 1.10       | -5.000   | 68 4.40            | 10.000                   | 118 7.70     | -10.000 |
| 19 1.20       | 3.750    | 69 4.45            | -3.750                   | 119 7.75     | -2.500  |
| 20 1.30       | 0.       | 70 4.50            | 1.000                    | 120 7.80     | -10.000 |
| 21 1.34       | -5.000   | 71 4.57            | 2.250                    | 121 7.90     | 2.500   |
| 22 1.40       | -3.750   | 72 4.60            | -5.000                   | 122 7.95     | 10.000  |
| 23 1.50       | -5.000   | 73 4.70            | 0.                       | 123 8.00     | 2.500   |
| 24 1.55       | 0.       | 74 4.80            | 1.250                    | 124 8.10     | -18.000 |
| 25 1.60       | -3.750   | 75 4.85            | 5.000                    | 125 8.20     | -11.500 |
| 26 1.65       | -7.500   | 76 4.90            | -2.500                   | 126 8.24     | 6.000   |
| 27 1.70       | 7.500    | 77 5.00            | -2.500                   | 127 8.30     | 4.750   |
| 28 1.75       | -6.250   | 78 5.05            | 2.500                    | 128 8.34     | 4.750   |
| 29 1.80       | -5.000   | 79 5.10            | 1.250                    | 129 8.40     | -7.500  |
| 30 1.85       | 8.750    | 80 5.20            | 1.250                    | 130 8.50     | -10.000 |
| 31 1.90       | -5.000   | 81 5.25            | 15.000                   | 131 8.60     | 7.500   |
| 32 1.95       | 0.       | 82 5.30            | -3.750                   | 132 8.67     | 7.500   |
| 33 2.00       | 3.750    | 83 5.40            | -2.750                   | 133 8.70     | 15.000  |
| 34 2.10       | 5.000    | 84 5.43            | -5.250                   | 134 8.76     | -2.500  |
| 35 2.20       | -3.750   | 85 5.45            | -5.250                   | 135 8.80     | 2.500   |
| 36 2.25       | 0.       | 86 5.50            | 7.500                    | 136 8.83     | 11.250  |
| 37 2.30       | -7.500   | 87 5.55            | -1.250                   | 137 8.90     | 2.500   |
| 38 2.37       | 6.250    | 88 5.60            | 1.250                    | 138 9.00     | -1.250  |
| 39 2.40       | 5.000    | 89 5.65            | -3.750                   | 139 9.05     | -8.250  |
| 40 2.45       | 6.250    | 90 5.70            | -2.500                   | 140 9.10     | -5.500  |
| 41 2.50       | 5.000    | 91 5.75            | 1.250                    | 141 9.20     | -3.750  |
| 42 2.60       | -3.750   | 92 5.80            | -1.250                   | 142 9.25     | 1.250   |
| 43 2.66       | -3.750   | 93 5.90            | 2.250                    | 143 9.30     | -2.500  |
| 44 2.70       | 2.500    | 94 6.00            | -5.000                   | 144 9.40     | 2.500   |
| 45 2.80       | -5.000   | 95 6.07            | -0.250                   | 145 9.50     | 18.750  |
| 46 2.90       | 3.750    | 96 6.10            | -0.250                   | 146 9.60     | -17.500 |
| 47 2.95       | -3.750   | 97 6.17            | -2.750                   | 147 9.70     | -20.000 |
| 48 3.00       | -2.500   | 98 6.20            | -1.500                   | 148 9.80     | 2.500   |
| 49 3.05       | 6.250    | 99 6.25            | 6.000                    | 149 9.90     | 8.750   |
| 50 3.10       | -1.250   | 100 6.30           | -0.250                   | 150 9.93     | 18.750  |
|               |          |                    |                          | 151 10.00    | -17.500 |
|               |          |                    |                          | 152 10.10    | -4.000  |
|               |          |                    |                          | 153 10.13    | -1.000  |
|               |          |                    |                          | 154 10.20    | -0.250  |
|               |          |                    |                          | 155 10.25    | 2.500   |
|               |          |                    |                          | 156 10.30    | 5.000   |
|               |          |                    |                          | 157 10.40    | -1.250  |
|               |          |                    |                          | 158 10.46    | -12.500 |
|               |          |                    |                          | 159 10.50    | -13.750 |
|               |          |                    |                          | 160 10.60    | -12.500 |
|               |          |                    |                          | 161 10.70    | -6.250  |
|               |          |                    |                          | 162 10.80    | 8.750   |
|               |          |                    |                          | 163 10.90    | 18.750  |
|               |          |                    |                          | 164 11.00    | 8.750   |
|               |          |                    |                          | 165 11.10    | 15.000  |
|               |          |                    |                          | 166 11.16    | -2.500  |
|               |          |                    |                          | 167 11.20    | 2.500   |
|               |          |                    |                          | 168 11.23    | 12.500  |
|               |          |                    |                          | 169 11.30    | -3.750  |
|               |          |                    |                          | 170 11.40    | -18.750 |
|               |          |                    |                          | 171 11.50    | 3.750   |
|               |          |                    |                          | 172 11.60    | 25.000  |
|               |          |                    |                          | 173 11.70    | 8.750   |
|               |          |                    |                          | 174 11.80    | -15.000 |
|               |          |                    |                          | 175 11.90    | 8.750   |
|               |          |                    |                          | 176 11.94    | 20.000  |
|               |          |                    |                          | 177 12.00    | 8.750   |
|               |          |                    |                          | 178 12.10    | -10.000 |
|               |          |                    |                          | 179 12.16    | -27.500 |
|               |          |                    |                          | 180 12.20    | -22.500 |
|               |          |                    |                          | 181 12.30    | 6.500   |
|               |          |                    |                          | 182 12.40    | 8.750   |
|               |          |                    |                          | 183 12.50    | -7.500  |
|               |          |                    |                          | 184 12.60    | 6.250   |
|               |          |                    |                          | 185 12.70    | -6.250  |
|               |          |                    |                          | 186 12.80    | -3.750  |
|               |          |                    |                          | 187 12.90    | 6.250   |
|               |          |                    |                          | 188 12.96    | 10.000  |
|               |          |                    |                          | 189 13.00    | 7.500   |
|               |          |                    |                          | 190 13.05    | -4.750  |
|               |          |                    |                          | 191 13.10    | -1.250  |
|               |          |                    |                          | 192 13.20    | 8.750   |
|               |          |                    |                          | 193 13.30    | -16.250 |
|               |          |                    |                          | 194 13.46    | 6.250   |
|               |          |                    |                          | 195 13.50    | -6.250  |
|               |          |                    |                          | 196 13.55    | 2.500   |
|               |          |                    |                          | 197 13.60    | -1.250  |
|               |          |                    |                          | 198 13.65    | -6.250  |
|               |          |                    |                          | 199 13.70    | -3.750  |
|               |          |                    |                          | 200 13.75    | 6.250   |

| INDEX NO. 240 |       | 205-GR-8 | ISHISETO BRIDGE TR |       | MAX.ACCEL.= -27,500(GAL) |     | T=12.16(SEC) |        | NO. 2 |       |        |
|---------------|-------|----------|--------------------|-------|--------------------------|-----|--------------|--------|-------|-------|--------|
| NO.           | (SEC) | (GAL)    | NO.                | (SEC) | (GAL)                    | NO. | (SEC)        | (GAL)  | NO.   | (SEC) | (GAL)  |
| 201           | 13.80 | 2,500    | 251                | 17.90 | -2,500                   | 301 | 22.20        | 1,250  | 311   | 22.90 | -5,000 |
| 202           | 13.84 | -2,500   | 252                | 18.00 | -2,500                   | 302 | 22.25        | -3,750 | 312   | 23.00 | -6,250 |
| 203           | 13.90 | 2,500    | 253                | 18.10 | 6,250                    | 303 | 22.30        | -2,500 |       |       |        |
| 204           | 14.00 | -8,750   | 254                | 18.20 | -5,000                   | 304 | 22.40        | 2,500  |       |       |        |
| 205           | 14.10 | 15,000   | 255                | 18.30 | 2,500                    | 305 | 22.45        | 8,750  |       |       |        |
| 206           | 14.20 | -1,250   | 256                | 18.40 | -2,500                   | 306 | 22.50        | 6,250  |       |       |        |
| 207           | 14.30 | -3,750   | 257                | 18.45 | 2,500                    | 307 | 22.60        | 2,500  |       |       |        |
| 208           | 14.40 | 2,500    | 258                | 18.50 | 7,500                    | 308 | 22.70        | -3,750 |       |       |        |
| 209           | 14.50 | 7,500    | 259                | 18.60 | 2,500                    | 309 | 22.80        | -3,750 |       |       |        |
| 210           | 14.60 | -10,000  | 260                | 18.70 | 2,500                    | 310 | 22.85        | 0.     |       |       |        |
| 211           | 14.65 | -13,750  | 261                | 18.80 | -5,000                   |     |              |        |       |       |        |
| 212           | 14.70 | -10,000  | 262                | 18.84 | -7,500                   |     |              |        |       |       |        |
| 213           | 14.80 | 10,000   | 263                | 18.90 | -1,250                   |     |              |        |       |       |        |
| 214           | 14.90 | 6,250    | 264                | 19.00 | 2,500                    |     |              |        |       |       |        |
| 215           | 15.00 | -16,250  | 265                | 19.10 | 3,750                    |     |              |        |       |       |        |
| 216           | 15.10 | -2,500   | 266                | 19.20 | -1,250                   |     |              |        |       |       |        |
| 217           | 15.20 | -1,250   | 267                | 19.30 | 3,750                    |     |              |        |       |       |        |
| 218           | 15.30 | 8,750    | 268                | 19.40 | 2,500                    |     |              |        |       |       |        |
| 219           | 15.40 | 6,250    | 269                | 19.45 | 6,250                    |     |              |        |       |       |        |
| 220           | 15.45 | 8,750    | 270                | 19.50 | 5,000                    |     |              |        |       |       |        |
| 221           | 15.50 | -3,750   | 271                | 19.60 | 2,500                    |     |              |        |       |       |        |
| 222           | 15.56 | -16,250  | 272                | 19.70 | -6,250                   |     |              |        |       |       |        |
| 223           | 15.60 | -15,000  | 273                | 19.80 | 3,750                    |     |              |        |       |       |        |
| 224           | 15.70 | -3,750   | 274                | 19.90 | 6,250                    |     |              |        |       |       |        |
| 225           | 15.80 | 8,750    | 275                | 20.00 | 2,500                    |     |              |        |       |       |        |
| 226           | 15.87 | 6,250    | 276                | 20.10 | -2,500                   |     |              |        |       |       |        |
| 227           | 15.90 | 2,500    | 277                | 20.20 | -3,750                   |     |              |        |       |       |        |
| 228           | 15.97 | 11,250   | 278                | 20.30 | 2,500                    |     |              |        |       |       |        |
| 229           | 16.00 | 10,000   | 279                | 20.40 | -1,250                   |     |              |        |       |       |        |
| 230           | 16.10 | 6,250    | 280                | 20.50 | 6,250                    |     |              |        |       |       |        |
| 231           | 16.20 | -2,500   | 281                | 20.55 | 7,500                    |     |              |        |       |       |        |
| 232           | 16.30 | -3,750   | 282                | 20.60 | 2,500                    |     |              |        |       |       |        |
| 233           | 16.35 | -1,250   | 283                | 20.70 | -3,750                   |     |              |        |       |       |        |
| 234           | 16.40 | -3,750   | 284                | 20.80 | -3,750                   |     |              |        |       |       |        |
| 235           | 16.45 | -5,000   | 285                | 20.90 | -1,250                   |     |              |        |       |       |        |
| 236           | 16.50 | 0.       | 286                | 21.00 | -1,250                   |     |              |        |       |       |        |
| 237           | 16.60 | 2,500    | 287                | 21.10 | 0.                       |     |              |        |       |       |        |
| 238           | 16.70 | 8,750    | 288                | 21.20 | 8,750                    |     |              |        |       |       |        |
| 239           | 16.80 | 2,500    | 289                | 21.25 | 11,250                   |     |              |        |       |       |        |
| 240           | 16.90 | -2,500   | 290                | 21.30 | 6,250                    |     |              |        |       |       |        |
| 241           | 16.95 | -3,750   | 291                | 21.40 | -6,250                   |     |              |        |       |       |        |
| 242           | 17.00 | 0.       | 292                | 21.50 | -2,150                   |     |              |        |       |       |        |
| 243           | 17.10 | -3,750   | 293                | 21.60 | 6,250                    |     |              |        |       |       |        |
| 244           | 17.20 | -1,250   | 294                | 21.70 | -1,250                   |     |              |        |       |       |        |
| 245           | 17.30 | 6,250    | 295                | 21.80 | 2,500                    |     |              |        |       |       |        |
| 246           | 17.40 | 5,000    | 296                | 21.85 | 6,250                    |     |              |        |       |       |        |
| 247           | 17.50 | -1,250   | 297                | 21.90 | 0.                       |     |              |        |       |       |        |
| 248           | 17.60 | -1,250   | 298                | 22.00 | -2,500                   |     |              |        |       |       |        |
| 249           | 17.70 | 3,750    | 299                | 22.10 | 0.                       |     |              |        |       |       |        |
| 250           | 17.80 | -1,250   | 300                | 22.15 | 3,750                    |     |              |        |       |       |        |

| INDEX NO. 241 |       | 301-GR-7 | YUUEI BRIDGE TR |       | MAX.ACCEL.= 153,000(GAL) |     | T= 2.13(SEC) |         | NO. 1 |       |         |
|---------------|-------|----------|-----------------|-------|--------------------------|-----|--------------|---------|-------|-------|---------|
| NO.           | (SEC) | (GAL)    | NO.             | (SEC) | (GAL)                    | NO. | (SEC)        | (GAL)   | NO.   | (SEC) | (GAL)   |
| 1             | 0.    | -0,500   | 51              | 2.50  | -34,500                  | 101 | 5.50         | 18,000  | 151   | 8.43  | 14,250  |
| 2             | 0.02  | 3,000    | 52              | 2.54  | -84,500                  | 102 | 5.54         | 29,250  | 152   | 8.48  | 3,000   |
| 3             | 0.04  | 0,500    | 53              | 2.60  | 29,250                   | 103 | 5.60         | 8,000   | 153   | 8.50  | 4,250   |
| 4             | 0.10  | 8,000    | 54              | 2.64  | -20,760                  | 104 | 5.63         | 11,750  | 154   | 8.55  | 13,000  |
| 5             | 0.12  | 3,000    | 55              | 2.70  | 28,000                   | 105 | 5.70         | -20,750 | 155   | 8.60  | 1,750   |
| 6             | 0.15  | 4,250    | 56              | 2.76  | -29,500                  | 106 | 5.72         | -24,500 | 156   | 8.66  | -24,500 |
| 7             | 0.17  | 1,750    | 57              | 2.80  | -22,000                  | 107 | 5.78         | -19,500 | 157   | 8.70  | -8,250  |
| 8             | 0.20  | 6,750    | 58              | 2.83  | -29,500                  | 108 | 5.80         | -32,000 | 158   | 8.80  | 15,500  |
| 9             | 0.23  | -8,250   | 59              | 2.90  | 19,250                   | 109 | 5.90         | -20,750 | 159   | 8.90  | -12,020 |
| 10            | 0.30  | 5,500    | 60              | 3.00  | -28,250                  | 110 | 5.96         | 3,000   | 160   | 8.95  | -23,250 |
| 11            | 0.38  | 12,000   | 61              | 3.10  | 40,500                   | 111 | 6.00         | -9,500  | 161   | 9.00  | -9,500  |
| 12            | 0.40  | 3,000    | 62              | 3.12  | 56,750                   | 112 | 6.05         | 6,750   | 162   | 9.02  | 3,000   |
| 13            | 0.44  | 6,750    | 63              | 3.20  | 26,750                   | 113 | 6.10         | -10,750 | 163   | 9.10  | -22,000 |
| 14            | 0.50  | 0,500    | 64              | 3.30  | -34,900                  | 114 | 6.20         | -22,000 | 164   | 9.20  | 6,750   |
| 15            | 0.60  | 5,500    | 65              | 3.40  | -9,500                   | 115 | 6.30         | 14,250  | 165   | 9.30  | 19,250  |
| 16            | 0.62  | 14,250   | 66              | 3.43  | -42,000                  | 116 | 6.38         | -33,250 | 166   | 9.40  | 4,250   |
| 17            | 0.70  | -9,500   | 67              | 3.50  | -1,500                   | 117 | 6.40         | -22,000 | 167   | 9.45  | 15,500  |
| 18            | 0.75  | 13,000   | 68              | 3.53  | 13,250                   | 118 | 6.49         | 68,000  | 168   | 9.50  | -23,250 |
| 19            | 0.80  | -7,000   | 69              | 3.60  | -9,500                   | 119 | 6.60         | 3,000   | 169   | 9.52  | -34,500 |
| 20            | 0.82  | -10,750  | 70              | 3.66  | 58,000                   | 120 | 6.63         | -0,750  | 170   | 9.60  | 13,250  |
| 21            | 0.88  | 5,500    | 71              | 3.70  | 15,500                   | 121 | 6.70         | 13,000  | 171   | 9.63  | 25,500  |
| 22            | 0.90  | -0,750   | 72              | 3.79  | -52,000                  | 122 | 6.73         | 28,000  | 172   | 9.70  | -3,250  |
| 23            | 1.00  | 4,250    | 73              | 3.80  | -34,500                  | 123 | 6.80         | -15,750 | 173   | 9.76  | 13,000  |
| 24            | 1.01  | 1,750    | 74              | 3.84  | 15,500                   | 124 | 6.90         | 16,750  | 174   | 9.80  | -9,500  |
| 25            | 1.08  | 13,000   | 75              | 3.90  | 48,250                   | 125 | 7.00         | -18,250 | 175   | 9.90  | -3,250  |
| 26            | 1.10  | 4,250    | 76              | 3.92  | -65,750                  | 126 | 7.07         | 18,000  | 176   | 10.00 | -9,500  |
| 27            | 1.11  | 1,750    | 77              | 4.00  | 36,750                   | 127 | 7.10         | -12,000 | 177   | 10.05 | -20,750 |
| 28            | 1.20  | 13,000   | 78              | 4.02  | 51,750                   | 128 | 7.16         | -48,250 | 178   | 10.10 | 9,500   |
| 29            | 1.23  | 0,500    | 79              | 4.08  | 18,000                   | 129 | 7.20         | -18,500 | 179   | 10.12 | 26,750  |
| 30            | 1.26  | 3,000    | 80              | 4.10  | 49,250                   | 130 | 7.24         | 8,000   | 180   | 10.20 | 14,250  |
| 31            | 1.30  | 1,750    | 81              | 4.20  | -45,750                  | 131 | 7.30         | -22,000 | 181   | 10.30 | -9,500  |
| 32            | 1.40  | -23,250  | 82              | 4.30  | 71,750                   | 132 | 7.32         | -57,000 | 182   | 10.37 | -24,500 |
| 33            | 1.50  | 21,750   | 83              | 4.40  | -53,250                  | 133 | 7.39         | 65,900  | 183   | 10.40 | -18,250 |
| 34            | 1.59  | -75,750  | 84              | 4.42  | -65,750                  | 134 | 7.50         | -24,500 | 184   | 10.50 | -9,500  |
| 35            | 1.67  | 3,000    | 85              | 4.49  | 71,750                   | 135 | 7.53         | 34,250  | 185   | 10.55 | -9,500  |
| 36            | 1.70  | -10,500  | 86              | 4.50  | 90,880                   | 136 | 7.60         | -22,000 | 186   | 10.60 | 4,250   |
| 37            | 1.80  | 46,250   | 87              | 4.60  | -27,000                  | 137 | 7.64         | -40,750 | 187   | 10.65 | -0,250  |
| 38            | 1.86  | -136,250 | 88              | 4.61  | -37,000                  | 138 | 7.70         | 28,000  | 188   | 10.70 | 15,500  |
| 39            | 1.94  | 128,000  | 89              | 4.70  | 28,000                   | 139 | 7.72         | 49,250  | 189   | 10.80 | 3,000   |
| 40            | 2.00  | -8,250   | 90              | 4.80  | -37,000                  | 140 | 7.80         | -18,750 | 190   | 10.85 | 5,500   |
| 41            | 2.06  | -60,750  | 91              | 4.84  | -22,000                  | 141 | 7.88         | 14,250  | 191   | 10.90 | 3,000   |
| 42            | 2.10  | 15,500   | 92              | 4.89  | -68,250                  | 142 | 7.90         | -3,250  | 192   | 11.00 | 24,250  |
| 43            | 2.13  | 153,000  | 93              | 5.04  | 21,750                   | 143 | 7.92         | -9,500  | 193   | 11.10 | 10,500  |
| 44            | 2.20  | 15,500   | 94              | 5.10  | 15,500                   | 144 | 8.00         | 3,000   | 194   | 11.15 | 25,500  |
| 45            | 2.25  | 41,750   | 95              | 5.18  | -9,500                   | 145 | 8.02         | 14,250  | 195   | 11.20 | 15,500  |
| 46            | 2.30  | -63,000  | 96              | 5.20  | 1,750                    | 146 | 8.10         | -34,500 | 196   | 11.30 | 4,250   |
| 47            | 2.38  | -5,750   | 97              | 5.28  | 0,750                    | 147 | 8.20         | -12,000 | 197   | 11.40 | -17,000 |
| 48            | 2.40  | -7,000   | 98              | 5.30  | 23,000                   | 148 | 8.23         | 29,250  | 198   | 11.50 | 3,000   |
| 49            | 2.42  | -22,000  | 99              | 5.40  | 3,000                    | 149 | 8.30         | 28,000  | 199   | 11.60 | 9,250   |
| 50            | 2.46  | -5,750   | 100             | 5.46  | 28,000                   | 150 | 8.40         | -12,000 | 200   | 11.63 | 0,500   |

| INDEX NO. 241 301-GR-7 YUUHEI BRIDGE TR |         |           |        | MAX.ACCEL.= 153,000(GAL) |         | T= 2.13(SEC) |         | NO. 2     |         |
|-----------------------------------------|---------|-----------|--------|--------------------------|---------|--------------|---------|-----------|---------|
| NO. (SEC)                               | (GAL)   | NO. (SEC) | (GAL)  | NO. (SEC)                | (GAL)   | NO. (SEC)    | (GAL)   | NO. (SEC) | (GAL)   |
| 201 11.70                               | 13,000  | 251 14.95 | -2,000 | 101 5.16                 | -11,880 | 151 8.10     | 4,380   | 101 5.16  | -11,880 |
| 202 11.80                               | -9,500  | 252 15.00 | 1,750  | 102 5.20                 | 3,130   | 152 8.13     | 3,130   | 102 5.20  | 3,130   |
| 203 11.90                               | -9,500  | 253 15.04 | -0,750 | 103 5.25                 | 39,880  | 153 8.17     | 13,130  | 103 5.25  | 39,880  |
| 204 12.00                               | 4,250   | 254 15.10 | 1,750  | 104 5.30                 | 20,430  | 154 8.20     | -3,130  | 104 5.30  | 20,430  |
| 205 12.06                               | 13,000  | 255 15.18 | 3,000  | 105 5.38                 | -14,380 | 155 8.28     | 8,130   | 105 5.38  | -14,380 |
| 206 12.10                               | -8,250  | 256 15.20 | 1,750  | 106 5.40                 | -8,130  | 156 8.30     | 4,380   | 106 5.40  | -8,130  |
| 207 12.14                               | -9,500  | 257 15.25 | -0,750 | 107 5.44                 | -4,380  | 157 8.37     | 18,130  | 107 5.44  | -4,380  |
| 208 12.20                               | -7,000  | 258 15.30 | 0,750  | 108 5.50                 | -24,380 | 158 8.40     | 3,130   | 108 5.50  | -24,380 |
| 209 12.24                               | -3,250  | 259 15.37 | -0,750 | 109 5.52                 | -33,130 | 159 8.42     | -5,630  | 109 5.52  | -33,130 |
| 210 12.30                               | -12,000 | 260 15.40 | 1,750  | 110 5.60                 | 4,380   | 160 8.50     | 8,130   | 110 5.60  | 4,380   |
| 211 12.37                               | 3,000   | 261 15.46 | 3,000  | 111 5.65                 | -14,380 | 161 8.55     | 21,880  | 111 5.65  | -14,380 |
| 212 12.40                               | 0,300   | 262 15.50 | 0,500  | 112 5.70                 | 6,880   | 162 8.60     | 16,880  | 112 5.70  | 6,880   |
| 213 12.45                               | -9,500  | 263 15.60 | -7,000 | 113 5.75                 | 26,880  | 163 8.62     | 20,630  | 113 5.75  | 26,880  |
| 214 12.50                               | 4,250   | 264 15.70 | 3,000  | 114 5.80                 | 16,880  | 164 8.68     | 4,380   | 114 5.80  | 16,880  |
| 215 12.60                               | -5,750  | 265 15.80 | -2,000 | 115 5.90                 | -33,130 | 165 8.70     | 10,630  | 115 5.90  | -33,130 |
| 216 12.67                               | -1,750  | 266 15.85 | 4,250  | 116 5.98                 | -31,880 | 166 8.78     | 23,130  | 116 5.98  | -31,880 |
| 217 12.70                               | -5,250  | 267 15.90 | -7,000 | 117 6.00                 | -4,380  | 167 8.80     | 16,880  | 117 6.00  | -4,380  |
| 218 12.73                               | -8,250  | 268 15.98 | 1,750  | 118 6.10                 | -30,630 | 168 8.83     | -19,380 | 118 6.10  | -30,630 |
| 219 12.80                               | 18,000  | 269 16.00 | -2,000 | 119 6.20                 | 35,630  | 169 8.90     | -5,630  | 119 6.20  | 35,630  |
| 220 12.83                               | 9,250   |           |        | 120 6.30                 | 58,130  | 170 8.95     | -8,130  | 120 6.30  | 58,130  |
| 221 12.90                               | 5,500   |           |        | 121 6.40                 | -5,630  | 171 8.98     | -5,630  | 121 6.40  | -5,630  |
| 222 12.93                               | 3,000   |           |        | 122 6.47                 | 3,130   | 172 9.00     | -9,380  | 122 6.47  | 3,130   |
| 223 13.00                               | -8,250  |           |        | 123 6.50                 | -1,880  | 173 9.10     | 10,630  | 123 6.50  | -1,880  |
| 224 13.10                               | 3,000   |           |        | 124 6.56                 | -4,940  | 174 9.15     | -8,130  | 124 6.56  | -4,940  |
| 225 13.20                               | -7,000  |           |        | 125 6.60                 | -33,130 | 175 9.20     | -5,630  | 125 6.60  | -33,130 |
| 226 13.27                               | 3,000   |           |        | 126 6.70                 | 18,130  | 176 9.23     | -9,380  | 126 6.70  | 18,130  |
| 227 13.30                               | 1,750   |           |        | 127 6.80                 | -10,630 | 177 9.30     | 20,630  | 127 6.80  | -10,630 |
| 228 13.40                               | 6,750   |           |        | 128 6.90                 | 4,380   | 178 9.40     | -13,130 | 128 6.90  | 4,380   |
| 229 13.50                               | 3,000   |           |        | 129 6.97                 | -45,630 | 179 9.50     | 29,380  | 129 6.97  | -45,630 |
| 230 13.53                               | 0,500   |           |        | 130 7.00                 | -31,880 | 180 9.60     | -8,130  | 130 7.00  | -31,880 |
| 231 13.60                               | 5,500   |           |        | 131 7.10                 | 41,880  | 181 9.67     | 4,380   | 131 7.10  | 41,880  |
| 232 13.70                               | 0,500   |           |        | 132 7.17                 | 3,130   | 182 9.70     | -4,380  | 132 7.17  | 3,130   |
| 233 13.72                               | -9,500  |           |        | 133 7.20                 | 26,880  | 183 9.72     | -9,380  | 133 7.20  | 26,880  |
| 234 13.80                               | 5,500   |           |        | 134 7.21                 | 31,880  | 184 9.80     | 4,380   | 134 7.21  | 31,880  |
| 235 13.86                               | 3,000   |           |        | 135 7.24                 | 29,780  | 185 9.85     | -19,380 | 135 7.24  | 29,780  |
| 236 13.90                               | 5,500   |           |        | 136 7.30                 | 41,880  | 186 9.90     | -3,130  | 136 7.30  | 41,880  |
| 237 14.00                               | 3,000   |           |        | 137 7.37                 | 4,380   | 187 10.00    | -20,630 | 137 7.37  | 4,380   |
| 238 14.07                               | -8,250  |           |        | 138 7.40                 | 11,880  | 188 10.10    | -8,130  | 138 7.40  | 11,880  |
| 239 14.10                               | -2,000  |           |        | 139 7.50                 | -16,880 | 189 10.20    | -29,380 | 139 7.50  | -16,880 |
| 240 14.15                               | 3,000   |           |        | 140 7.55                 | 14,380  | 190 10.21    | -33,130 | 140 7.55  | 14,380  |
| 241 14.20                               | 0,500   |           |        | 141 7.60                 | -15,630 | 191 10.30    | 3,130   | 141 7.60  | -15,630 |
| 242 14.30                               | 0,500   |           |        | 142 7.66                 | 16,880  | 192 10.35    | -4,380  | 142 7.66  | 16,880  |
| 243 14.40                               | 4,250   |           |        | 143 7.70                 | -4,880  | 193 10.40    | 1,880   | 143 7.70  | -4,880  |
| 244 14.50                               | 1,750   |           |        | 144 7.72                 | -20,630 | 194 10.44    | -0,630  | 144 7.72  | -20,630 |
| 245 14.60                               | 9,250   |           |        | 145 7.78                 | -18,130 | 195 10.50    | 15,630  | 145 7.78  | -18,130 |
| 246 14.64                               | 3,000   |           |        | 146 7.80                 | -21,880 | 196 10.60    | 28,130  | 146 7.80  | -21,880 |
| 247 14.70                               | 5,500   |           |        | 147 7.82                 | -24,880 | 197 10.70    | 13,130  | 147 7.82  | -24,880 |
| 248 14.80                               | 3,000   |           |        | 148 7.90                 | 4,380   | 198 10.74    | 15,630  | 148 7.90  | 4,380   |
| 249 14.83                               | 8,000   |           |        | 149 8.00                 | -45,630 | 199 10.76    | 9,380   | 149 8.00  | -45,630 |
| 250 14.90                               | 0,500   |           |        | 150 8.08                 | 18,130  | 200 10.80    | 15,630  | 150 8.08  | 18,130  |

| INDEX NO. 242 301-GR-7 YUUHEI BRIDGE LG |         |           |         | MAX.ACCEL.= 106,280(GAL) |         | T= 3.83(SEC) |         | NO. 1     |         |
|-----------------------------------------|---------|-----------|---------|--------------------------|---------|--------------|---------|-----------|---------|
| NO. (SEC)                               | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC)                | (GAL)   | NO. (SEC)    | (GAL)   | NO. (SEC) | (GAL)   |
| 1 0.                                    | -1,880  | 51 2.60   | 11,880  | 101 5.16                 | -11,880 | 151 8.10     | 4,380   | 101 5.16  | -11,880 |
| 2 0.03                                  | 1,880   | 52 2.62   | 24,380  | 102 5.20                 | 3,130   | 152 8.13     | 3,130   | 102 5.20  | 3,130   |
| 3 0.10                                  | -3,130  | 53 2.67   | 15,630  | 103 5.25                 | 39,880  | 153 8.17     | 13,130  | 103 5.25  | 39,880  |
| 4 0.15                                  | -6,880  | 54 2.70   | 41,880  | 104 5.30                 | 20,430  | 154 8.20     | -3,130  | 104 5.30  | 20,430  |
| 5 0.20                                  | 0,630   | 55 2.74   | -34,380 | 105 5.38                 | -14,380 | 155 8.28     | 8,130   | 105 5.38  | -14,380 |
| 6 0.27                                  | -9,380  | 56 2.80   | 6,880   | 106 5.40                 | -8,130  | 156 8.30     | 4,380   | 106 5.40  | -8,130  |
| 7 0.30                                  | -5,630  | 57 2.83   | 30,630  | 107 5.44                 | -4,380  | 157 8.37     | 18,130  | 107 5.44  | -4,380  |
| 8 0.32                                  | 4,380   | 58 2.90   | -8,130  | 108 5.50                 | -24,380 | 158 8.40     | 3,130   | 108 5.50  | -24,380 |
| 9 0.38                                  | -10,630 | 59 2.94   | -66,880 | 109 5.52                 | -33,130 | 159 8.42     | -5,630  | 109 5.52  | -33,130 |
| 10 0.40                                 | -5,630  | 60 3.00   | -26,880 | 110 5.60                 | 4,380   | 160 8.50     | 8,130   | 110 5.60  | 4,380   |
| 11 0.44                                 | 4,380   | 61 3.03   | 19,380  | 111 5.65                 | -14,380 | 161 8.55     | 21,880  | 111 5.65  | -14,380 |
| 12 0.50                                 | -10,630 | 62 3.09   | -66,880 | 112 5.70                 | 6,880   | 162 8.60     | 16,880  | 112 5.70  | 6,880   |
| 13 0.55                                 | 10,750  | 63 3.20   | 41,880  | 113 5.75                 | 26,880  | 163 8.62     | 20,630  | 113 5.75  | 26,880  |
| 14 0.60                                 | -6,880  | 64 3.29   | 60,630  | 114 5.80                 | 16,880  | 164 8.68     | 4,380   | 114 5.80  | 16,880  |
| 15 0.65                                 | 4,880   | 65 3.36   | 1,880   | 115 5.90                 | -33,130 | 165 8.70     | 10,630  | 115 5.90  | -33,130 |
| 16 0.70                                 | -8,130  | 66 3.40   | 24,380  | 116 5.98                 | -31,880 | 166 8.78     | 23,130  | 116 5.98  | -31,880 |
| 17 0.75                                 | -0,630  | 67 3.50   | -51,880 | 117 6.00                 | -4,380  | 167 8.80     | 16,880  | 117 6.00  | -4,380  |
| 18 0.80                                 | -10,630 | 68 3.52   | -73,130 | 118 6.10                 | -30,630 | 168 8.83     | -19,380 | 118 6.10  | -30,630 |
| 19 0.85                                 | 5,630   | 69 3.58   | -8,130  | 119 6.20                 | 35,630  | 169 8.90     | -5,630  | 119 6.20  | 35,630  |
| 20 0.90                                 | -9,380  | 70 3.60   | -18,130 | 120 6.30                 | 58,130  | 170 8.95     | -8,130  | 120 6.30  | 58,130  |
| 21 0.92                                 | -19,380 | 71 3.65   | -54,380 | 121 6.40                 | -5,630  | 171 8.98     | -5,630  | 121 6.40  | -5,630  |
| 22 0.98                                 | -6,880  | 72 3.70   | 4,380   | 122 6.47                 | 3,130   | 172 9.00     | -9,380  | 122 6.47  | 3,130   |
| 23 1.00                                 | -6,880  | 73 3.71   | 39,380  | 123 6.50                 | -1,880  | 173 9.10     | 10,630  | 123 6.50  | -1,880  |
| 24 1.06                                 | 1,880   | 74 3.76   | -1,880  | 124 6.56                 | -4,940  | 174 9.15     | -8,130  | 124 6.56  | -4,940  |
| 25 1.10                                 | -9,380  | 75 3.80   | 54,380  | 125 6.60                 | -33,130 | 175 9.20     | -5,630  | 125 6.60  | -33,130 |
| 26 1.130                                | 20,630  | 76 3.83   | 106,280 | 126 6.70                 | 18,130  | 176 9.23     | -9,380  | 126 6.70  | 18,130  |
| 27 1.15                                 | 29,380  | 77 3.90   | 31,880  | 127 6.80                 | -10,630 | 177 9.30     | 20,630  | 127 6.80  | -10,630 |
| 28 1.140                                | -30,630 | 78 3.97   | -23,130 | 128 6.90                 | 4,380   | 178 9.40     | -13,130 | 128 6.90  | 4,380   |
| 29 1.148                                | 54,380  | 79 4.00   | -11,880 | 129 6.97                 | -45,630 | 179 9.50     | 29,380  | 129 6.97  | -45,630 |
| 30 1.150                                | 29,380  | 80 4.01   | -8,130  | 130 7.00                 | -31,880 | 180 9.60     | -8,130  | 130 7.00  | -31,880 |
| 31 1.156                                | -60,630 | 81 4.09   | -93,750 | 131 7.10                 | 41,880  | 181 9.67     | 4,380   | 131 7.10  | 41,880  |
| 32 1.160                                | 1,880   | 82 4.11   | -40,000 | 132 7.17                 | 3,130   | 182 9.70     | -4,380  | 132 7.17  | 3,130   |
| 33 1.170                                | 20,630  | 83 4.18   | 39,380  | 133 7.20                 | 26,880  | 183 9.72     | -9,380  | 133 7.20  | 26,880  |
| 34 1.178                                | 86,880  | 84 4.20   | -8,130  | 134 7.21                 | 31,880  | 184 9.80     | 4,380   | 134 7.21  | 31,880  |
| 35 1.180                                | 29,380  | 85 4.22   | -58,130 | 135 7.24                 | 29,780  | 185 9.85     | -19,380 | 135 7.24  | 29,780  |
| 36 1.190                                | -33,130 | 86 4.30   | 20,630  | 136 7.30                 | 41,880  | 186 9.90     | -3,130  | 136 7.30  | 41,880  |
| 37 1.192                                | -31,880 | 87 4.36   | 4,380   | 137 7.37                 | 4,380   | 187 10.00    | -20,630 | 137 7.37  | 4,380   |
| 38 2.00                                 | -45,630 | 88 4.38   | 10,630  | 138 7.40                 | 11,880  | 188 10.10    | -8,130  | 138 7.40  | 11,880  |
| 39 2.03                                 | -8,130  | 89 4.40   | 8,130   | 139 7.50                 | -16,880 | 189 10.20    | -29,380 | 139 7.50  | -16,880 |
| 40 2.09                                 | -69,380 | 90 4.46   | -93,130 | 140 7.55                 | 14,380  | 190 10.21    | -33,130 | 140 7.55  | 14,380  |
| 41 2.15                                 | -20,630 | 91 4.60   | -36,880 | 141 7.60                 | -15,630 | 191 10.30    | 3,130   | 141 7.60  | -15,630 |
| 42 2.20                                 | -45,630 | 92 4.64   | -45,630 | 142 7.66                 | 16,880  | 192 10.35    | -4,380  | 142 7.66  | 16,880  |
| 43 2.27                                 | 75,630  | 93 4.70   | 18,130  | 143 7.70                 | -4,880  | 193 10.40    | 1,880   | 143 7.70  | -4,880  |
| 44 2.30                                 | 20,630  | 94 4.75   | 55,630  | 144 7.72                 | -20,630 | 194 10.44    | -0,630  | 144 7.72  | -20,630 |
| 45 2.38                                 | 53,130  | 95 4.79   | 73,130  | 145 7.78                 | -18,130 | 195 10.50    | 15,630  | 145 7.78  | -18,130 |
| 46 2.40                                 | 4,380   | 96 4.85   | 41,880  | 146 7.80                 | -21,880 | 196 10.60    | 28,130  | 146 7.80  | -21,880 |
| 47 2.42                                 | -20,630 | 97 4.89   | 59,380  | 147 7.82                 | -24,880 | 197 10.70    | 13,130  | 147 7.82  | -24,880 |
| 48 2.48                                 | 41,880  | 98 5.00   | 3,130   | 148 7.90                 | 4,380   | 198 10.74    | 15,630  | 148 7.90  | 4,380   |
| 49 2.50                                 | 16,880  | 99 5.05   | -10,630 | 149 8.00                 | -45,630 | 199 10.76    | 9,380   | 149 8.00  | -45,630 |
| 50 2.57                                 | -43,130 | 100 5.10  | 3,130   | 150 8.08                 | 18,130  | 200 10.80    | 15,630  | 150 8.08  | 18,130  |

INDEX NO. 242 301-GR-7 YUUEI BRIDGE LQ MAX.ACCEL.= 106,280(GAL) T= 3.83(SEC) NO. 2

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|
| 201 10.83 | 18,130  | 251 14.10 | 4,380   |
| 202 10.90 | 8,130   | 252 14.20 | -10,630 |
| 203 10.94 | 15,630  | 253 14.30 | -5,630  |
| 204 11.00 | 4,380   | 254 14.34 | -8,130  |
| 205 11.10 | -19,380 | 255 14.40 | -5,630  |
| 206 11.14 | -23,130 | 256 14.50 | -8,130  |
| 207 11.20 | -20,630 | 257 14.56 | 11,880  |
| 208 11.30 | -8,130  | 258 14.60 | 1,880   |
| 209 11.37 | -16,880 | 259 14.70 | 4,380   |
| 210 11.40 | -9,380  | 260 14.72 | 3,130   |
| 211 11.45 | 1,880   | 261 14.80 | 6,880   |
| 212 11.50 | -6,880  | 262 14.85 | 15,630  |
| 213 11.60 | -5,630  | 263 14.90 | 8,130   |
| 214 11.63 | 4,380   | 264 15.00 | 4,380   |
| 215 11.70 | -6,880  | 265 15.08 | 3,130   |
| 216 11.76 | 5,630   | 266 15.10 | 5,630   |
| 217 11.80 | 0,630   | 267 15.15 | 11,880  |
| 218 11.90 | 5,630   | 268 15.20 | 4,880   |
| 219 12.00 | 1,880   | 269 15.28 | -5,630  |
| 220 12.10 | 9,380   | 270 15.30 | -1,880  |
| 221 12.15 | 4,380   | 271 15.32 | 1,880   |
| 222 12.20 | 13,130  | 272 15.37 | -1,880  |
| 223 12.24 | 26,880  | 273 15.40 | 3,130   |
| 224 12.30 | 4,380   | 274 15.50 | -8,130  |
| 225 12.31 | 3,130   | 275 15.60 | 3,130   |
| 226 12.38 | 14,380  | 276 15.70 | 4,380   |
| 227 12.40 | 11,880  | 277 15.75 | 1,880   |
| 228 12.50 | -10,630 | 278 15.80 | 5,630   |
| 229 12.55 | -5,630  | 279 15.90 | 5,630   |
| 230 12.60 | -9,380  | 280 15.95 | 4,380   |
| 231 12.70 | -6,880  | 281 16.00 | 10,630  |
| 232 12.80 | 14,380  |           |         |
| 233 12.90 | -10,630 |           |         |
| 234 13.00 | 14,380  |           |         |
| 235 13.05 | 5,630   |           |         |
| 236 13.10 | 10,630  |           |         |
| 237 13.20 | 4,380   |           |         |
| 238 13.24 | 9,380   |           |         |
| 239 13.30 | -8,130  |           |         |
| 240 13.40 | -0,630  |           |         |
| 241 13.50 | 5,630   |           |         |
| 242 13.58 | 11,880  |           |         |
| 243 13.60 | 1,880   |           |         |
| 244 13.68 | 4,380   |           |         |
| 245 13.70 | -5,630  |           |         |
| 246 13.80 | 4,380   |           |         |
| 247 13.85 | -9,380  |           |         |
| 248 13.90 | 4,380   |           |         |
| 249 13.98 | -1,880  |           |         |
| 250 14.00 | 1,880   |           |         |

INDEX NO. 243 308-GR-12 ITAJIMA BRIDGE TR MAX.ACCEL.= -58,750(GAL) T= 1.80(SEC) NO. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|
| 1 0.      | 1,250   | 51 2.90   | -11,250 | 101 6.60  | 1,250   |
| 2 0.10    | 1,250   | 52 2.93   | -1,250  | 102 6.66  | -2,500  |
| 3 0.14    | 8,750   | 53 3.00   | -12,500 | 103 6.70  | -1,250  |
| 4 0.20    | -11,250 | 54 3.10   | 13,750  | 104 6.80  | -11,250 |
| 5 0.25    | 0.      | 55 3.16   | -1,250  | 105 6.85  | 2,500   |
| 6 0.30    | -2,500  | 56 3.20   | 6,250   | 106 6.90  | -6,250  |
| 7 0.40    | 2,500   | 57 3.30   | -3,750  | 107 7.00  | 13,750  |
| 8 0.50    | -10,000 | 58 3.36   | -2,500  | 108 7.08  | 1,250   |
| 9 0.54    | 7,500   | 59 3.40   | -5,000  | 109 7.10  | 7,500   |
| 10 0.60   | 0.      | 60 3.50   | 13,750  | 110 7.20  | -3,750  |
| 11 0.65   | -10,000 | 61 3.55   | -8,750  | 111 7.30  | -5,000  |
| 12 0.70   | -8,750  | 62 3.60   | 18,750  | 112 7.40  | -3,750  |
| 13 0.74   | 7,500   | 63 3.70   | -11,250 | 113 7.50  | 1,250   |
| 14 0.80   | -5,000  | 64 3.80   | 0.      | 114 7.55  | 7,500   |
| 15 0.86   | -26,250 | 65 3.83   | 0.      | 115 7.60  | 0.      |
| 16 0.90   | 1,250   | 66 3.90   | 3,750   | 116 7.70  | 11,250  |
| 17 0.95   | 32,500  | 67 3.93   | -10,000 | 117 7.80  | 0.      |
| 18 1.00   | 1,250   | 68 4.00   | 16,250  | 118 7.90  | -1,250  |
| 19 1.04   | 27,500  | 69 4.10   | -13,750 | 119 7.95  | 1,250   |
| 20 1.10   | -8,750  | 70 4.20   | 1,250   | 120 8.00  | -8,750  |
| 21 1.15   | 26,250  | 71 4.25   | 2,500   | 121 8.10  | 8,750   |
| 22 1.20   | -42,500 | 72 4.30   | -6,250  | 122 8.20  | 1,250   |
| 23 1.30   | 6,250   | 73 4.40   | 13,750  | 123 8.30  | 5,000   |
| 24 1.35   | -50,000 | 74 4.50   | -6,250  | 124 8.40  | -1,250  |
| 25 1.40   | 45,000  | 75 4.55   | -1,250  | 125 8.47  | 1,250   |
| 26 1.50   | -5,000  | 76 4.60   | -5,000  | 126 8.50  | -3,750  |
| 27 1.54   | 13,750  | 77 4.65   | 0.      | 127 8.57  | 1,250   |
| 28 1.57   | -11,250 | 78 4.70   | -13,750 | 128 8.60  | 5,000   |
| 29 1.60   | 13,750  | 79 4.80   | 13,750  | 129 8.67  | 8,750   |
| 30 1.65   | 7,500   | 80 4.90   | -1,250  | 130 8.70  | 1,250   |
| 31 1.70   | 16,250  | 81 5.00   | 3,750   | 131 8.80  | 2,500   |
| 32 1.80   | -57,500 | 82 5.10   | -11,250 | 132 8.85  | 0.      |
| 33 1.85   | 32,500  | 83 5.20   | 3,750   | 133 8.90  | 1,250   |
| 34 1.90   | 13,750  | 84 5.30   | -1,250  | 134 9.00  | -6,750  |
| 35 1.98   | -23,750 | 85 5.40   | 11,250  | 135 9.05  | 1,250   |
| 36 2.00   | -11,250 | 86 5.50   | -8,750  | 136 9.10  | -6,250  |
| 37 2.05   | 20,000  | 87 5.55   | 1,250   | 137 9.20  | 1,250   |
| 38 2.10   | 7,500   | 88 5.60   | -12,500 | 138 9.30  | -5,000  |
| 39 2.12   | 36,750  | 89 5.70   | -7,500  | 139 9.40  | 1,250   |
| 40 2.20   | -36,250 | 90 5.80   | 10,000  | 140 9.50  | 0.      |
| 41 2.25   | 40,000  | 91 5.90   | 1,250   | 141 9.60  | 1,250   |
| 42 2.30   | 1,250   | 92 5.95   | 12,500  | 142 9.70  | -3,750  |
| 43 2.40   | -36,250 | 93 6.00   | 7,500   | 143 9.80  | 6,250   |
| 44 2.42   | 12,500  | 94 6.10   | -11,250 | 144 9.85  | -1,250  |
| 45 2.47   | -8,750  | 95 6.15   | -6,250  | 145 9.90  | 3,750   |
| 46 2.50   | -1,250  | 96 6.20   | -8,750  | 146 10.00 | -1,250  |
| 47 2.54   | -11,250 | 97 6.25   | -5,000  |           |         |
| 48 2.60   | 17,500  | 98 6.30   | -6,250  |           |         |
| 49 2.70   | -8,000  | 99 6.40   | 8,750   |           |         |
| 50 2.80   | 13,750  | 100 6.50  | 1,250   |           |         |

| INDEX NO. 244 308-GR-12 ITAJIMA BRIDGE LG |       |         | MAX.ACCEL.= -41.630(GAL) |       |         | T= 1.65(SEC) |       |         | NO. 1 |       |         |
|-------------------------------------------|-------|---------|--------------------------|-------|---------|--------------|-------|---------|-------|-------|---------|
| NO.                                       | (SEC) | (GAL)   | NO.                      | (SEC) | (GAL)   | NO.          | (SEC) | (GAL)   | NO.   | (SEC) | (GAL)   |
| 1                                         | 0.    | 5.880   | 51                       | 2.40  | 19.630  | 101          | 5.13  | 12.130  | 151   | 8.25  | -6.630  |
| 2                                         | 0.03  | 0.880   | 52                       | 2.48  | -10.380 | 102          | 5.20  | -14.130 | 152   | 8.30  | -6.630  |
| 3                                         | 0.10  | 2.130   | 53                       | 2.50  | -4.130  | 103          | 5.22  | -14.130 | 153   | 8.35  | -7.880  |
| 4                                         | 0.17  | -2.880  | 54                       | 2.58  | 10.880  | 104          | 5.30  | 5.880   | 154   | 8.40  | -4.130  |
| 5                                         | 0.20  | 0.880   | 55                       | 2.60  | 5.880   | 105          | 5.32  | 8.380   | 155   | 8.44  | 2.130   |
| 6                                         | 0.22  | 2.130   | 56                       | 2.63  | -1.630  | 106          | 5.40  | 2.130   | 156   | 8.50  | 5.880   |
| 7                                         | 0.25  | 2.130   | 57                       | 2.67  | 14.630  | 107          | 5.50  | 5.880   | 157   | 8.60  | 8.380   |
| 8                                         | 0.30  | 5.880   | 58                       | 2.70  | -4.130  | 108          | 5.53  | 15.880  | 158   | 8.70  | -4.130  |
| 9                                         | 0.40  | -1.630  | 59                       | 2.74  | -19.130 | 109          | 5.60  | -11.630 | 159   | 8.75  | -4.130  |
| 10                                        | 0.45  | 3.380   | 60                       | 2.80  | 18.380  | 110          | 5.68  | 2.130   | 160   | 8.80  | -10.380 |
| 11                                        | 0.50  | -1.630  | 61                       | 2.88  | -14.130 | 111          | 5.70  | -1.630  | 161   | 8.90  | -4.130  |
| 12                                        | 0.55  | 8.380   | 62                       | 2.90  | -10.380 | 112          | 5.73  | -6.630  | 162   | 8.93  | -6.630  |
| 13                                        | 0.60  | -0.380  | 63                       | 3.00  | 2.130   | 113          | 5.80  | -2.880  | 163   | 9.00  | 4.630   |
| 14                                        | 0.64  | 2.130   | 64                       | 3.02  | 8.380   | 114          | 5.80  | 8.380   | 164   | 9.10  | 5.880   |
| 15                                        | 0.70  | -1.630  | 65                       | 3.10  | -11.630 | 115          | 5.90  | 3.380   | 165   | 9.20  | -0.380  |
| 16                                        | 0.78  | 2.130   | 66                       | 3.17  | 28.380  | 116          | 6.05  | -4.130  | 166   | 9.30  | -1.630  |
| 17                                        | 0.80  | -4.130  | 67                       | 3.20  | 8.380   | 117          | 6.05  | -1.630  | 167   | 9.38  | -6.630  |
| 18                                        | 0.82  | -4.130  | 68                       | 3.25  | -10.380 | 118          | 6.12  | -1.630  | 168   | 9.40  | -4.130  |
| 19                                        | 0.88  | 33.380  | 69                       | 3.30  | -4.130  | 119          | 6.20  | -6.630  | 169   | 9.43  | -0.380  |
| 20                                        | 0.90  | 7.880   | 70                       | 3.33  | 8.380   | 120          | 6.23  | -6.630  | 170   | 9.50  | -6.630  |
| 21                                        | 0.95  | -16.630 | 71                       | 3.40  | -12.880 | 121          | 6.30  | -4.130  | 171   | 9.50  | -0.380  |
| 22                                        | 1.00  | 10.880  | 72                       | 3.43  | -16.630 | 122          | 6.39  | 8.380   | 172   | 9.65  | -1.630  |
| 23                                        | 1.05  | -25.380 | 73                       | 3.50  | -4.130  | 123          | 6.40  | 5.880   | 173   | 9.70  | 2.130   |
| 24                                        | 1.10  | 15.880  | 74                       | 3.56  | 8.380   | 124          | 6.50  | 12.130  | 174   | 9.76  | -0.380  |
| 25                                        | 1.14  | -27.880 | 75                       | 3.60  | -0.380  | 125          | 6.54  | -0.380  | 175   | 9.80  | -0.380  |
| 26                                        | 1.20  | -16.630 | 76                       | 3.62  | -1.630  | 126          | 6.60  | -4.130  | 176   | 9.90  | -4.130  |
| 27                                        | 1.22  | 5.380   | 77                       | 3.70  | 15.880  | 127          | 6.65  | -6.630  | 177   | 9.95  | -2.250  |
| 28                                        | 1.28  | -0.380  | 78                       | 3.80  | -4.130  | 128          | 6.70  | -4.130  | 178   | 10.00 | -3.500  |
| 29                                        | 1.30  | -0.380  | 79                       | 3.83  | -10.380 | 129          | 6.78  | -1.038  |       |       |         |
| 30                                        | 1.37  | 14.630  | 80                       | 3.90  | -0.380  | 130          | 6.80  | -4.130  |       |       |         |
| 31                                        | 1.40  | 9.630   | 81                       | 3.95  | -10.380 | 131          | 6.84  | 7.130   |       |       |         |
| 32                                        | 1.43  | 24.630  | 82                       | 4.00  | -6.630  | 132          | 6.90  | 2.130   |       |       |         |
| 33                                        | 1.50  | -4.130  | 83                       | 4.02  | -6.630  | 133          | 7.00  | 8.380   |       |       |         |
| 34                                        | 1.55  | -26.630 | 84                       | 4.10  | 12.130  | 134          | 7.03  | 8.380   |       |       |         |
| 35                                        | 1.60  | 33.380  | 85                       | 4.15  | 4.630   | 135          | 7.10  | -1.630  |       |       |         |
| 36                                        | 1.68  | -41.630 | 86                       | 4.20  | 8.380   | 136          | 7.13  | -1.630  |       |       |         |
| 37                                        | 1.70  | -29.130 | 87                       | 4.25  | 13.380  | 137          | 7.20  | -2.130  |       |       |         |
| 38                                        | 1.77  | 20.880  | 88                       | 4.30  | -6.630  | 138          | 7.30  | -6.630  |       |       |         |
| 39                                        | 1.80  | 8.380   | 89                       | 4.40  | -7.880  | 139          | 7.40  | 2.130   |       |       |         |
| 40                                        | 1.90  | -12.880 | 90                       | 4.45  | -2.880  | 140          | 7.50  | 3.380   |       |       |         |
| 41                                        | 1.98  | 33.380  | 91                       | 4.50  | -6.630  | 141          | 7.60  | 7.130   |       |       |         |
| 42                                        | 2.00  | 20.880  | 92                       | 4.60  | -0.380  | 142          | 7.70  | -4.130  |       |       |         |
| 43                                        | 2.05  | -19.130 | 93                       | 4.65  | 15.880  | 143          | 7.72  | -4.130  |       |       |         |
| 44                                        | 2.10  | 8.380   | 94                       | 4.70  | -4.130  | 144          | 7.80  | -6.630  |       |       |         |
| 45                                        | 2.11  | 13.380  | 95                       | 4.80  | 5.880   | 145          | 7.90  | -0.380  |       |       |         |
| 46                                        | 2.17  | -6.630  | 96                       | 4.82  | 8.380   | 146          | 8.00  | 3.380   |       |       |         |
| 47                                        | 2.20  | 3.380   | 97                       | 4.90  | -4.130  | 147          | 8.08  | 2.880   |       |       |         |
| 48                                        | 2.25  | -6.630  | 98                       | 5.00  | 5.880   | 148          | 8.10  | -1.630  |       |       |         |
| 49                                        | 2.30  | 8.380   | 99                       | 5.08  | -6.630  | 149          | 8.18  | 2.130   |       |       |         |
| 50                                        | 2.35  | -15.380 | 100                      | 5.10  | -4.130  | 150          | 8.20  | -4.130  |       |       |         |

| INDEX NO. 245 905-B-266 OCHIAI BRIDGE LG |       |         | MAX.ACCEL.= 57.750(GAL) |       |         | T= 0.85(SEC) |       |        | NO. 1 |       |       |
|------------------------------------------|-------|---------|-------------------------|-------|---------|--------------|-------|--------|-------|-------|-------|
| NO.                                      | (SEC) | (GAL)   | NO.                     | (SEC) | (GAL)   | NO.          | (SEC) | (GAL)  | NO.   | (SEC) | (GAL) |
| 1                                        | 0.    | -1.000  | 51                      | 2.70  | 7.750   | 101          | 5.65  | 1.500  |       |       |       |
| 2                                        | 0.06  | -2.250  | 52                      | 2.72  | 6.500   | 102          | 5.70  | -1.000 |       |       |       |
| 3                                        | 0.10  | 4.000   | 53                      | 2.80  | -13.500 | 103          | 5.80  | 5.250  |       |       |       |
| 4                                        | 0.17  | -1.000  | 54                      | 2.87  | 7.750   | 104          | 5.90  | -2.250 |       |       |       |
| 5                                        | 0.20  | 1.500   | 55                      | 2.90  | -4.750  | 105          | 5.98  | 4.000  |       |       |       |
| 6                                        | 0.23  | 5.250   | 56                      | 2.97  | 1.500   | 106          | 6.00  | 4.000  |       |       |       |
| 7                                        | 0.30  | -11.000 | 57                      | 3.00  | -4.750  |              |       |        |       |       |       |
| 8                                        | 0.40  | 11.500  | 58                      | 3.09  | 10.250  |              |       |        |       |       |       |
| 9                                        | 0.50  | -11.000 | 59                      | 3.10  | 4.000   |              |       |        |       |       |       |
| 10                                       | 0.60  | 26.500  | 60                      | 3.13  | 4.000   |              |       |        |       |       |       |
| 11                                       | 0.70  | -21.000 | 61                      | 3.20  | -16.000 |              |       |        |       |       |       |
| 12                                       | 0.75  | 9.750   | 62                      | 3.30  | 26.500  |              |       |        |       |       |       |
| 13                                       | 0.80  | -17.250 | 63                      | 3.40  | -13.500 |              |       |        |       |       |       |
| 14                                       | 0.85  | 57.750  | 64                      | 3.50  | 1.500   |              |       |        |       |       |       |
| 15                                       | 0.90  | -11.000 | 65                      | 3.53  | 4.000   |              |       |        |       |       |       |
| 16                                       | 0.96  | -48.500 | 66                      | 3.60  | -7.250  |              |       |        |       |       |       |
| 17                                       | 1.00  | 26.500  | 67                      | 3.67  | 4.000   |              |       |        |       |       |       |
| 18                                       | 1.06  | -11.000 | 68                      | 3.70  | -8.500  |              |       |        |       |       |       |
| 19                                       | 1.09  | -7.250  | 69                      | 3.72  | -11.000 |              |       |        |       |       |       |
| 20                                       | 1.10  | -19.750 | 70                      | 3.80  | 9.000   |              |       |        |       |       |       |
| 21                                       | 1.20  | 24.000  | 71                      | 3.90  | -4.750  |              |       |        |       |       |       |
| 22                                       | 1.23  | -4.750  | 72                      | 3.93  | -4.750  |              |       |        |       |       |       |
| 23                                       | 1.30  | -11.000 | 73                      | 4.00  | -2.250  |              |       |        |       |       |       |
| 24                                       | 1.32  | -19.750 | 74                      | 4.06  | -7.250  |              |       |        |       |       |       |
| 25                                       | 1.38  | 1.500   | 75                      | 4.10  | -4.750  |              |       |        |       |       |       |
| 26                                       | 1.40  | 1.500   | 76                      | 4.13  | 14.000  |              |       |        |       |       |       |
| 27                                       | 1.46  | 1.400   | 77                      | 4.20  | 1.500   |              |       |        |       |       |       |
| 28                                       | 1.50  | 14.000  | 78                      | 4.25  | 1.500   |              |       |        |       |       |       |
| 29                                       | 1.53  | 17.750  | 79                      | 4.30  | -8.500  |              |       |        |       |       |       |
| 30                                       | 1.60  | -22.250 | 80                      | 4.40  | 1.500   |              |       |        |       |       |       |
| 31                                       | 1.68  | -4.750  | 81                      | 4.50  | 1.500   |              |       |        |       |       |       |
| 32                                       | 1.70  | -8.500  | 82                      | 4.60  | -11.000 |              |       |        |       |       |       |
| 33                                       | 1.72  | -11.000 | 83                      | 4.68  | 4.000   |              |       |        |       |       |       |
| 34                                       | 1.80  | 39.000  | 84                      | 4.70  | -1.000  |              |       |        |       |       |       |
| 35                                       | 1.90  | -11.000 | 85                      | 4.75  | -11.000 |              |       |        |       |       |       |
| 36                                       | 1.93  | -4.750  | 86                      | 4.80  | 5.250   |              |       |        |       |       |       |
| 37                                       | 2.00  | 0.250   | 87                      | 4.82  | 7.750   |              |       |        |       |       |       |
| 38                                       | 2.02  | 25.250  | 88                      | 4.90  | 4.000   |              |       |        |       |       |       |
| 39                                       | 2.10  | -42.250 | 89                      | 4.96  | 0.250   |              |       |        |       |       |       |
| 40                                       | 2.15  | 27.750  | 90                      | 5.00  | 7.750   |              |       |        |       |       |       |
| 41                                       | 2.20  | 1.500   | 91                      | 5.05  | -1.000  |              |       |        |       |       |       |
| 42                                       | 2.30  | -29.750 | 92                      | 5.10  | 1.500   |              |       |        |       |       |       |
| 43                                       | 2.38  | 24.000  | 93                      | 5.13  | 7.750   |              |       |        |       |       |       |
| 44                                       | 2.40  | 7.750   | 94                      | 5.20  | 1.500   |              |       |        |       |       |       |
| 45                                       | 2.48  | -8.500  | 95                      | 5.27  | 5.250   |              |       |        |       |       |       |
| 46                                       | 2.50  | 1.500   | 96                      | 5.30  | 2.750   |              |       |        |       |       |       |
| 47                                       | 2.52  | 8.500   | 97                      | 5.40  | -2.250  |              |       |        |       |       |       |
| 48                                       | 2.58  | -6.000  | 98                      | 5.45  | 5.250   |              |       |        |       |       |       |
| 49                                       | 2.68  | 1.500   | 99                      | 5.50  | 2.750   |              |       |        |       |       |       |
| 50                                       | 2.66  | 7.750   | 100                     | 5.60  | 2.750   |              |       |        |       |       |       |

INDEX NO. 246 905-B-266 OCHIAI BRIDGE TR MAX.ACCEL.= 26,000(GAL) T= 1.33(SEC)

NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 1   | 0.    | 0,250   | 51  | 2.30  | 3,500   | 101 | 5.00  | 3,500  |
| 2   | 0.02  | -0,250  | 52  | 2.35  | -5,250  | 102 | 5.10  | -2,750 |
| 3   | 0.10  | 4,750   | 53  | 2.40  | -2,750  | 103 | 5.16  | -5,250 |
| 4   | 0.16  | -2,750  | 54  | 2.42  | 3,500   | 104 | 5.20  | 3,500  |
| 5   | 0.20  | 3,500   | 55  | 2.47  | -6,500  | 105 | 5.25  | -6,500 |
| 6   | 0.27  | -1,500  | 56  | 2.50  | 8,500   | 106 | 5.30  | -5,250 |
| 7   | 0.30  | 3,500   | 57  | 2.55  | -1,500  | 107 | 5.35  | 1,000  |
| 8   | 0.40  | 2,250   | 58  | 2.60  | 6,000   | 108 | 5.40  | -5,250 |
| 9   | 0.45  | 3,500   | 59  | 2.70  | -9,000  | 109 | 5.42  | -6,500 |
| 10  | 0.50  | -2,750  | 60  | 2.75  | -0,250  | 110 | 5.50  | -0,250 |
| 11  | 0.53  | -1,500  | 61  | 2.80  | -5,250  | 111 | 5.57  | 3,500  |
| 12  | 0.57  | -4,000  | 62  | 2.83  | 6,000   | 112 | 5.60  | 1,000  |
| 13  | 0.60  | 1,000   | 63  | 2.90  | 9,750   | 113 | 5.65  | -6,500 |
| 14  | 0.63  | -1,500  | 64  | 3.00  | -11,500 | 114 | 5.70  | -1,500 |
| 15  | 0.70  | 9,750   | 65  | 3.08  | 11,000  | 115 | 5.80  | 1,000  |
| 16  | 0.73  | -1,500  | 66  | 3.10  | 9,750   | 116 | 5.90  | -2,750 |
| 17  | 0.78  | 12,250  | 67  | 3.20  | -0,250  | 117 | 6.00  | -0,250 |
| 18  | 0.80  | 3,500   | 68  | 3.23  | -6,500  |     |       |        |
| 19  | 0.82  | -9,000  | 69  | 3.27  | -2,750  |     |       |        |
| 20  | 0.87  | -2,750  | 70  | 3.30  | -9,000  |     |       |        |
| 21  | 0.90  | -2,750  | 71  | 3.32  | -11,500 |     |       |        |
| 22  | 0.93  | 3,500   | 72  | 3.40  | 6,000   |     |       |        |
| 23  | 0.98  | -9,000  | 73  | 3.42  | 9,750   |     |       |        |
| 24  | 1.00  | -2,750  | 74  | 3.45  | 9,750   |     |       |        |
| 25  | 1.02  | -5,250  | 75  | 3.50  | -6,500  |     |       |        |
| 26  | 1.09  | 16,000  | 76  | 3.52  | -9,000  |     |       |        |
| 27  | 1.10  | 6,000   | 77  | 3.58  | -1,500  |     |       |        |
| 28  | 1.12  | 3,500   | 78  | 3.60  | -5,250  |     |       |        |
| 29  | 1.15  | 3,500   | 79  | 3.63  | 9,000   |     |       |        |
| 30  | 1.20  | -9,000  | 80  | 3.70  | 9,750   |     |       |        |
| 31  | 1.25  | -4,000  | 81  | 3.72  | 13,500  |     |       |        |
| 32  | 1.28  | -9,000  | 82  | 3.80  | -6,500  |     |       |        |
| 33  | 1.30  | -2,750  | 83  | 3.90  | -6,500  |     |       |        |
| 34  | 1.33  | 26,000  | 84  | 3.97  | 9,750   |     |       |        |
| 35  | 1.40  | -9,000  | 85  | 4.00  | 3,500   |     |       |        |
| 36  | 1.45  | 8,500   | 86  | 4.05  | 13,500  |     |       |        |
| 37  | 1.50  | -12,750 | 87  | 4.10  | -9,000  |     |       |        |
| 38  | 1.57  | 1,000   | 88  | 4.13  | -14,000 |     |       |        |
| 39  | 1.60  | -2,750  | 89  | 4.20  | -2,750  |     |       |        |
| 40  | 1.70  | 6,000   | 90  | 4.25  | 6,000   |     |       |        |
| 41  | 1.73  | 16,000  | 91  | 4.30  | 3,500   |     |       |        |
| 42  | 1.80  | -9,000  | 92  | 4.40  | -4,000  |     |       |        |
| 43  | 1.90  | 3,500   | 93  | 4.50  | -9,000  |     |       |        |
| 44  | 1.93  | 1,000   | 94  | 4.60  | 6,000   |     |       |        |
| 45  | 1.98  | 6,000   | 95  | 4.68  | -2,750  |     |       |        |
| 46  | 2.00  | -9,000  | 96  | 4.70  | -1,500  |     |       |        |
| 47  | 2.03  | -11,500 | 97  | 4.73  | 3,500   |     |       |        |
| 48  | 2.10  | 7,250   | 98  | 4.76  | -1,500  |     |       |        |
| 49  | 2.20  | -9,000  | 99  | 4.80  | -0,250  |     |       |        |
| 50  | 2.29  | 9,750   | 100 | 4.90  | 3,500   |     |       |        |

INDEX NO. 247 907-GR-39 TAIRA BRIDGE TR MAX.ACCEL.= 41,130(GAL) T= 1.12(SEC)

NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   |
|-----|-------|---------|-----|-------|---------|
| 1   | 0.    | 12,380  | 51  | 2.80  | 11,130  |
| 2   | 0.02  | 6,130   | 52  | 2.82  | 11,130  |
| 3   | 0.05  | 3,630   | 53  | 2.90  | 1,130   |
| 4   | 0.10  | -23,630 | 54  | 2.98  | -13,880 |
| 5   | 0.15  | -30,130 | 55  | 3.00  | -11,380 |
| 6   | 0.20  | 26,130  | 56  | 3.10  | 3,630   |
| 7   | 0.23  | 36,130  | 57  | 3.20  | 1,130   |
| 8   | 0.30  | 13,630  | 58  | 3.25  | 1,130   |
| 9   | 0.35  | -20,130 | 59  | 3.30  | 9,880   |
| 10  | 0.40  | 7,380   | 60  | 3.40  | 3,630   |
| 11  | 0.42  | 16,130  | 61  | 3.48  | 1,130   |
| 12  | 0.50  | -23,880 | 62  | 3.50  | -7,630  |
| 13  | 0.53  | -30,130 | 63  | 3.55  | -11,380 |
| 14  | 0.60  | -5,130  | 64  | 3.60  | -8,880  |
| 15  | 0.63  | -11,380 | 65  | 3.70  | 3,630   |
| 16  | 0.70  | 9,880   | 66  | 3.75  | 11,130  |
| 17  | 0.75  | 19,880  | 67  | 3.80  | 7,380   |
| 18  | 0.80  | 8,630   | 68  | 3.90  | -8,880  |
| 19  | 0.82  | 9,880   | 69  | 4.00  | -2,630  |
| 20  | 0.90  | -11,380 | 70  | 4.10  | 4,880   |
| 21  | 0.98  | -28,880 | 71  | 4.20  | 1,130   |
| 22  | 1.00  | -23,880 | 72  | 4.30  | -1,380  |
| 23  | 1.10  | 26,130  | 73  | 4.40  | 3,630   |
| 24  | 1.12  | 41,130  | 74  | 4.50  | -1,380  |
| 25  | 1.20  | 11,130  | 75  | 4.55  | -1,380  |
| 26  | 1.22  | 13,630  | 76  | 4.60  | 3,630   |
| 27  | 1.30  | -30,130 | 77  | 4.70  | 3,630   |
| 28  | 1.33  | -32,630 | 78  | 4.80  | -1,380  |
| 29  | 1.40  | -11,380 | 79  | 4.90  | 1,130   |
| 30  | 1.50  | 16,130  | 80  | 5.00  | -1,380  |
| 31  | 1.53  | 18,630  | 81  | 5.10  | 1,130   |
| 32  | 1.60  | 1,130   | 82  | 5.20  | 1,130   |
| 33  | 1.65  | -8,880  | 83  | 5.28  | 3,630   |
| 34  | 1.70  | -8,880  | 84  | 5.30  | 1,130   |
| 35  | 1.80  | -5,130  | 85  | 5.40  | -1,380  |
| 36  | 1.90  | 1,130   | 86  | 5.50  | 1,130   |
| 37  | 1.95  | 1,130   | 87  | 5.60  | 3,630   |
| 38  | 2.00  | 13,630  | 88  | 5.70  | -2,630  |
| 39  | 2.10  | -5,130  | 89  | 5.80  | -1,380  |
| 40  | 2.15  | 7,380   | 90  | 5.90  | 1,130   |
| 41  | 2.20  | -11,380 | 91  | 6.00  | 1,130   |
| 42  | 2.22  | -13,880 |     |       |         |
| 43  | 2.30  | -1,380  |     |       |         |
| 44  | 2.40  | 9,880   |     |       |         |
| 45  | 2.45  | 11,130  |     |       |         |
| 46  | 2.50  | 13,630  |     |       |         |
| 47  | 2.60  | -11,380 |     |       |         |
| 48  | 2.65  | -26,380 |     |       |         |
| 49  | 2.70  | -17,630 |     |       |         |
| 50  | 2.78  | 11,130  |     |       |         |

| INDEX NO. 248 |       | 907-GR-39 | TAIRA BRIDGE |       | LG      | MAX.ACCEL.= 56.630(GAL) |       | T= 0.33(SEC) | NO. 1 |       |
|---------------|-------|-----------|--------------|-------|---------|-------------------------|-------|--------------|-------|-------|
| NO.           | (SEC) | (GAL)     | NO.          | (SEC) | (GAL)   | NO.                     | (SEC) | (GAL)        | NO.   | (GAL) |
| 1             | 0.    | -13.630   | 51           | 3.25  | 19.130  | 101                     | 5.70  | 23.630       | 151   | 8.35  |
| 2             | 0.02  | 1.630     | 52           | 3.30  | 11.630  | 102                     | 5.80  | -21.380      | 152   | 8.40  |
| 3             | 0.04  | 1.630     | 53           | 3.40  | -13.380 | 103                     | 5.84  | -10.130      | 153   | 8.50  |
| 4             | 0.09  | 24.130    | 54           | 3.50  | -13.380 | 104                     | 5.87  | -33.880      | 154   | 8.60  |
| 5             | 0.10  | 11.630    | 55           | 3.60  | 24.130  | 105                     | 5.90  | -22.630      | 155   | 8.65  |
| 6             | 0.20  | -38.380   | 56           | 3.70  | -9.630  | 106                     | 5.97  | 9.880        | 156   | 8.70  |
| 7             | 0.30  | 24.130    | 57           | 3.80  | -0.880  | 107                     | 6.00  | 8.630        | 157   | 8.80  |
| 8             | 0.33  | 56.630    | 58           | 3.88  | 1.630   | 108                     | 6.05  | 29.880       | 158   | 8.85  |
| 9             | 0.40  | -0.880    | 59           | 3.90  | -0.880  | 109                     | 6.10  | 17.380       | 159   | 8.90  |
| 10            | 0.45  | -38.380   | 60           | 3.93  | 1.630   | 110                     | 6.15  | 46.130       | 160   | 9.00  |
| 11            | 0.50  | -9.630    | 61           | 4.00  | -10.880 | 111                     | 6.20  | 3.630        | 161   | 9.05  |
| 12            | 0.58  | -35.380   | 62           | 4.10  | 2.880   | 112                     | 6.23  | 3.630        | 162   | 9.10  |
| 13            | 0.60  | -19.630   | 63           | 4.20  | 1.630   | 113                     | 6.30  | -36.380      | 163   | 9.20  |
| 14            | 0.62  | 2.880     | 64           | 4.30  | -4.630  | 114                     | 6.38  | 6.130        | 164   | 9.30  |
| 15            | 0.68  | 11.630    | 65           | 4.35  | -7.130  | 115                     | 6.40  | 1.130        | 165   | 9.35  |
| 16            | 0.70  | 24.130    | 66           | 4.40  | -0.880  | 116                     | 6.45  | 19.880       | 166   | 9.40  |
| 17            | 0.72  | 30.380    | 67           | 4.50  | 4.130   | 117                     | 6.50  | 21.130       | 167   | 9.50  |
| 18            | 0.80  | -7.130    | 68           | 4.53  | 4.130   | 118                     | 6.53  | 35.630       | 168   | 9.60  |
| 19            | 0.90  | 1.630     | 69           | 4.60  | -0.880  | 119                     | 6.56  | 35.630       | 169   | 9.65  |
| 20            | 0.96  | -17.130   | 70           | 4.65  | -4.630  | 120                     | 6.60  | 46.130       | 170   | 9.70  |
| 21            | 1.00  | -0.880    | 71           | 4.70  | -0.880  | 121                     | 6.70  | -16.380      | 171   | 9.75  |
| 22            | 1.02  | 1.630     | 72           | 4.80  | 2.880   | 122                     | 6.73  | 6.130        | 172   | 9.80  |
| 23            | 1.10  | -10.880   | 73           | 4.90  | -10.880 | 123                     | 6.80  | -20.130      | 173   | 9.85  |
| 24            | 1.20  | 24.130    | 74           | 5.00  | 5.380   | 124                     | 6.90  | 26.130       | 174   | 9.90  |
| 25            | 1.23  | 37.880    | 75           | 5.05  | 14.130  | 125                     | 6.95  | 1.130        | 175   | 10.00 |
| 26            | 1.30  | -13.380   | 76           | 5.10  | 5.380   | 126                     | 7.00  | 3.630        | 176   | 10.03 |
| 27            | 1.32  | -25.880   | 77           | 5.20  | -10.880 | 127                     | 7.05  | -28.880      | 177   | 10.05 |
| 28            | 1.40  | -8.380    | 78           | 5.22  | -10.880 | 128                     | 7.10  | 16.130       | 178   | 10.10 |
| 29            | 1.50  | -8.380    | 79           | 5.30  | -0.880  | 129                     | 7.20  | -21.380      | 179   | 10.20 |
| 30            | 1.60  | 11.630    | 80           | 5.35  | 4.130   | 130                     | 7.25  | 26.130       | 180   | 10.30 |
| 31            | 1.70  | -4.630    | 81           | 5.40  | 1.630   | 131                     | 7.30  | -8.880       | 181   | 10.35 |
| 32            | 1.80  | -0.880    | 82           | 5.45  | 4.130   | 132                     | 7.40  | -26.130      | 182   | 10.40 |
| 33            | 1.85  | 14.130    | 83           | 5.50  | -0.880  | 133                     | 7.45  | -8.880       | 183   | 10.45 |
| 34            | 1.90  | -0.880    | 84           | 5.60  | -5.880  | 134                     | 7.50  | 27.380       | 184   | 10.50 |
| 35            | 1.98  | -25.880   | 85           | 5.62  | 1.630   | 135                     | 7.60  | 2.380        | 185   | 10.55 |
| 36            | 2.00  | -19.630   | 86           | 5.70  | -0.130  | 136                     | 7.65  | 46.130       | 186   | 10.60 |
| 37            | 2.10  | 34.130    | 87           | 5.80  | -0.130  | 137                     | 7.70  | -8.880       | 187   | 10.70 |
| 38            | 2.20  | -7.130    | 88           | 5.90  | -0.130  | 138                     | 7.75  | -21.380      | 188   | 10.75 |
| 39            | 2.30  | -13.380   | 89           | 5.95  | -0.130  | 139                     | 7.80  | -4.880       | 189   | 10.80 |
| 40            | 2.40  | 11.630    | 90           | 6.00  | -0.880  | 140                     | 7.85  | -2.630       | 190   | 10.90 |
| 41            | 2.43  | 17.880    | 91           | 6.05  | -0.880  | 141                     | 7.88  | 9.880        | 191   | 11.00 |
| 42            | 2.50  | 2.880     | 92           | 6.10  | -0.880  | 142                     | 7.90  | 3.630        | 192   | 11.10 |
| 43            | 2.60  | -13.380   | 93           | 6.15  | -0.880  | 143                     | 7.93  | 6.130        | 193   | 11.14 |
| 44            | 2.70  | 2.880     | 94           | 6.20  | -0.880  | 144                     | 8.00  | -21.380      | 194   | 11.18 |
| 45            | 2.80  | -3.380    | 95           | 6.25  | 73.630  | 145                     | 8.06  | 38.630       | 195   | 11.20 |
| 46            | 2.90  | 7.880     | 96           | 6.30  | 29.880  | 146                     | 8.10  | 13.630       | 196   | 11.24 |
| 47            | 3.00  | -9.630    | 97           | 6.35  | -16.380 | 147                     | 8.20  | -36.380      | 197   | 11.28 |
| 48            | 3.10  | -7.130    | 98           | 6.40  | -30.130 | 148                     | 8.23  | -8.880       | 198   | 11.30 |
| 49            | 3.17  | 5.380     | 99           | 6.45  | 24.880  | 149                     | 8.25  | -8.880       | 199   | 11.34 |
| 50            | 3.20  | 5.380     | 100          | 6.50  | 38.630  | 150                     | 8.30  | 3.630        | 200   | 11.40 |

| INDEX NO. 249 |       | 1302-GR-10 | CHIYODA BRIDGE |       | LG      | MAX.ACCEL.= 78.630(GAL) |       | T= 5.20(SEC) | NO. 1 |       |
|---------------|-------|------------|----------------|-------|---------|-------------------------|-------|--------------|-------|-------|
| NO.           | (SEC) | (GAL)      | NO.            | (SEC) | (GAL)   | NO.                     | (SEC) | (GAL)        | NO.   | (GAL) |
| 1             | 0.    | 3.630      | 51             | 2.85  | -3.880  | 101                     | 5.70  | 23.630       | 151   | 8.35  |
| 2             | 0.04  | -2.630     | 52             | 2.90  | 6.130   | 102                     | 5.80  | -21.380      | 152   | 8.40  |
| 3             | 0.10  | 14.880     | 53             | 2.95  | -13.880 | 103                     | 5.84  | -10.130      | 153   | 8.50  |
| 4             | 0.20  | -0.880     | 54             | 3.00  | -28.630 | 104                     | 5.87  | -33.880      | 154   | 8.60  |
| 5             | 0.30  | 14.880     | 55             | 3.10  | -21.380 | 105                     | 5.90  | -22.630      | 155   | 8.65  |
| 6             | 0.40  | -6.380     | 56             | 3.16  | 28.630  | 106                     | 5.97  | 9.880        | 156   | 8.70  |
| 7             | 0.50  | 14.880     | 57             | 3.20  | -12.630 | 107                     | 6.00  | 8.630        | 157   | 8.80  |
| 8             | 0.55  | -7.630     | 58             | 3.30  | 6.130   | 108                     | 6.05  | 29.880       | 158   | 8.85  |
| 9             | 0.60  | 3.630      | 59             | 3.35  | -10.130 | 109                     | 6.10  | 17.380       | 159   | 8.90  |
| 10            | 0.65  | 1.130      | 60             | 3.40  | 3.630   | 110                     | 6.15  | 46.130       | 160   | 9.00  |
| 11            | 0.70  | 6.130      | 61             | 3.45  | 28.630  | 111                     | 6.20  | 3.630        | 161   | 9.05  |
| 12            | 0.75  | 1.130      | 62             | 3.50  | -2.630  | 112                     | 6.23  | 3.630        | 162   | 9.10  |
| 13            | 0.80  | 3.630      | 63             | 3.55  | -1.130  | 113                     | 6.30  | -36.380      | 163   | 9.20  |
| 14            | 0.85  | -15.130    | 64             | 3.60  | -1.380  | 114                     | 6.38  | 6.130        | 164   | 9.30  |
| 15            | 0.90  | 3.630      | 65             | 3.65  | 14.880  | 115                     | 6.40  | 1.130        | 165   | 9.35  |
| 16            | 0.93  | 12.390     | 66             | 3.70  | -18.880 | 116                     | 6.45  | 19.880       | 166   | 9.40  |
| 17            | 1.00  | 2.380      | 67             | 3.80  | 1.130   | 117                     | 6.50  | 21.130       | 167   | 9.50  |
| 18            | 1.07  | 3.630      | 68             | 3.83  | 14.880  | 118                     | 6.53  | 35.630       | 168   | 9.60  |
| 19            | 1.10  | 1.130      | 69             | 3.90  | -21.380 | 119                     | 6.56  | 35.630       | 169   | 9.65  |
| 20            | 1.20  | 2.380      | 70             | 3.94  | -8.880  | 120                     | 6.60  | 46.130       | 170   | 9.70  |
| 21            | 1.23  | -6.380     | 71             | 3.98  | -21.380 | 121                     | 6.70  | -16.380      | 171   | 9.75  |
| 22            | 1.27  | 6.130      | 72             | 4.00  | -7.630  | 122                     | 6.73  | 6.130        | 172   | 9.80  |
| 23            | 1.30  | 4.880      | 73             | 4.05  | -21.380 | 123                     | 6.80  | -20.130      | 173   | 9.85  |
| 24            | 1.34  | 3.630      | 74             | 4.10  | 39.880  | 124                     | 6.90  | 26.130       | 174   | 9.90  |
| 25            | 1.37  | 9.880      | 75             | 4.15  | 73.630  | 125                     | 6.95  | 1.130        | 175   | 10.00 |
| 26            | 1.40  | 9.880      | 76             | 4.20  | 29.880  | 126                     | 7.00  | 3.630        | 176   | 10.03 |
| 27            | 1.45  | 13.630     | 77             | 4.25  | 38.630  | 127                     | 7.05  | -28.880      | 177   | 10.05 |
| 28            | 1.50  | -0.880     | 78             | 4.30  | 22.380  | 128                     | 7.10  | 16.130       | 178   | 10.10 |
| 29            | 1.60  | 3.630      | 79             | 4.35  | 31.130  | 129                     | 7.20  | -21.380      | 179   | 10.20 |
| 30            | 1.65  | 1.130      | 80             | 4.40  | -43.880 | 130                     | 7.25  | 26.130       | 180   | 10.30 |
| 31            | 1.70  | 4.880      | 81             | 4.45  | -73.880 | 131                     | 7.30  | -8.880       | 181   | 10.35 |
| 32            | 1.75  | -8.880     | 82             | 4.50  | -21.380 | 132                     | 7.40  | -26.130      | 182   | 10.40 |
| 33            | 1.80  | -2.380     | 83             | 4.55  | -33.880 | 133                     | 7.45  | -8.880       | 183   | 10.45 |
| 34            | 1.90  | -8.880     | 84             | 4.60  | -21.380 | 134                     | 7.50  | 27.380       | 184   | 10.50 |
| 35            | 1.95  | 9.880      | 85             | 4.65  | 41.130  | 135                     | 7.60  | 2.380        | 185   | 10.55 |
| 36            | 2.00  | -8.880     | 86             | 4.70  | -10.130 | 136                     | 7.65  | 46.130       | 186   | 10.60 |
| 37            | 2.05  | 14.880     | 87             | 4.80  | 34.880  | 137                     | 7.70  | -8.880       | 187   | 10.70 |
| 38            | 2.10  | -0.130     | 88             | 4.85  | -21.250 | 138                     | 7.75  | -21.380      | 188   | 10.75 |
| 39            | 2.15  | 12.380     | 89             | 4.90  | 4.880   | 139                     | 7.80  | -4.880       | 189   | 10.80 |
| 40            | 2.20  | -6.380     | 90             | 5.00  | -46.380 | 140                     | 7.85  | -2.630       | 190   | 10.90 |
| 41            | 2.23  | 9.880      | 91             | 5.05  | 4.880   | 141                     | 7.88  | 9.880        | 191   | 11.00 |
| 42            | 2.27  | 3.630      | 92             | 5.10  | -32.630 | 142                     | 7.90  | 3.630        | 192   | 11.10 |
| 43            | 2.30  | 7.380      | 93             | 5.20  | 78.630  | 143                     | 7.93  | 6.130        | 193   | 11.14 |
| 44            | 2.35  | 2.380      | 94             | 5.25  | 73.630  | 144                     | 8.00  | -21.380      | 194   | 11.18 |
| 45            | 2.40  | 2.380      | 95             | 5.30  | 62.380  | 145                     | 8.06  | 38.630       | 195   | 11.20 |
| 46            | 2.50  | -21.380    | 96             | 5.40  | -21.380 | 146                     | 8.10  | 13.630       | 196   | 11.24 |
| 47            | 2.60  | 1.130      | 97             | 5.50  | -16.380 | 147                     | 8.20  | -36.380      | 197   | 11.28 |
| 48            | 2.65  | 3.630      | 98             | 5.54  | -30.130 | 148                     | 8.23  | -8.880       | 198   | 11.30 |
| 49            | 2.70  | 22.380     | 99             | 5.60  | 24.880  | 149                     | 8.25  | -8.880       | 199   | 11.34 |
| 50            | 2.80  | 7.380      | 100            | 5.64  | 38.630  | 150                     | 8.30  | 3.630        | 200   | 11.40 |

INDEX NO. 249 1302-GR-10 CHIYODA BRIDGE LG MAX.ACCEL.= 78.630(GAL) T= 5.20(SEC) NO. 2

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 201 11.50 | -31,380 | 251 14.70 | -40,130 | 301 17.70 | 3,430   | 351 20.90 | -2,630  |
| 202 11.55 | 17,380  | 252 14.75 | 16,130  | 302 17.75 | 24,880  | 352 20.95 | -10,130 |
| 203 11.60 | -18,880 | 253 14.80 | -33,880 | 303 17.80 | 2,880   | 353 21.00 | 16,130  |
| 204 11.65 | -23,880 | 254 14.90 | 22,380  | 304 17.85 | 14,880  | 354 21.05 | 37,380  |
| 205 11.70 | 16,130  | 255 15.00 | -23,880 | 305 17.90 | 4,880   | 355 21.10 | 7,380   |
| 206 11.74 | 22,380  | 256 15.05 | 28,630  | 306 17.95 | 34,880  | 356 21.15 | 6,130   |
| 207 11.80 | 5,630   | 257 15.10 | 3,630   | 307 18.00 | -21,380 | 357 21.20 | 3,630   |
| 208 11.87 | 56,130  | 258 15.15 | 21,130  | 308 18.10 | 41,130  | 358 21.25 | 9,880   |
| 209 11.90 | 11,130  | 259 15.20 | -16,380 | 309 18.20 | 9,880   | 359 21.30 | -21,380 |
| 210 11.95 | 3,630   | 260 15.30 | 43,630  | 310 18.25 | 34,880  | 360 21.35 | 12,380  |
| 211 12.00 | 6,130   | 261 15.40 | -8,880  | 311 18.30 | 3,630   | 361 21.40 | -10,130 |
| 212 12.10 | -21,380 | 262 15.45 | 42,380  | 312 18.40 | -18,880 | 362 21.50 | 58,630  |
| 213 12.15 | 32,380  | 263 15.50 | 9,880   | 313 18.50 | 6,130   | 363 21.55 | -7,630  |
| 214 12.20 | -21,380 | 264 15.55 | 2,380   | 314 18.60 | -5,130  | 364 21.60 | 9,880   |
| 215 12.25 | -2,630  | 265 15.65 | 31,130  | 315 18.65 | 28,630  | 365 21.65 | -31,380 |
| 216 12.30 | -2,630  | 266 15.70 | -1,380  | 316 18.70 | 2,380   | 366 21.70 | -27,630 |
| 217 12.35 | 41,130  | 267 15.75 | 1,130   | 317 18.75 | 2,380   | 367 21.80 | 6,130   |
| 218 12.40 | -30,130 | 268 15.80 | -21,380 | 318 18.80 | -22,630 | 368 21.85 | -0,130  |
| 219 12.50 | 41,130  | 269 15.90 | 1,130   | 319 18.85 | -19,130 | 369 21.90 | 16,130  |
| 220 12.60 | -48,880 | 270 15.95 | -6,380  | 320 18.90 | -31,380 | 370 21.95 | 8,630   |
| 221 12.70 | 26,130  | 271 15.98 | 13,630  | 321 19.00 | 17,380  | 371 22.00 | 28,630  |
| 222 12.80 | -23,880 | 272 16.00 | 3,630   | 322 19.05 | 12,380  | 372 22.10 | -21,380 |
| 223 12.85 | 29,630  | 273 16.05 | -19,130 | 323 19.10 | 43,630  | 373 22.15 | 31,130  |
| 224 12.90 | -27,630 | 274 16.10 | 16,130  | 324 19.20 | -5,480  | 374 22.20 | 3,630   |
| 225 13.00 | 32,880  | 275 16.14 | 41,130  | 325 19.25 | 18,630  | 375 22.25 | -8,630  |
| 226 13.10 | 3,630   | 276 16.20 | -2,630  | 326 19.30 | -27,630 | 376 22.30 | 26,130  |
| 227 13.20 | 42,380  | 277 16.25 | -23,880 | 327 19.40 | 3,630   | 377 22.35 | 43,630  |
| 228 13.25 | 5,630   | 278 16.30 | 3,630   | 328 19.45 | 47,380  | 378 22.40 | 13,630  |
| 229 13.30 | 16,130  | 279 16.35 | 18,630  | 329 19.50 | -21,380 | 379 22.45 | 24,880  |
| 230 13.35 | 44,880  | 280 16.40 | -48,880 | 330 19.60 | -6,380  | 380 22.50 | -15,130 |
| 231 13.40 | -31,380 | 281 16.50 | 1,130   | 331 19.70 | -16,380 | 381 22.60 | -21,380 |
| 232 13.45 | -23,880 | 282 16.55 | -3,880  | 332 19.80 | -25,880 | 382 22.65 | 16,130  |
| 233 13.50 | -28,880 | 283 16.60 | 9,880   | 333 19.85 | 31,130  | 383 22.70 | -3,630  |
| 234 13.55 | 28,630  | 284 16.65 | -1,380  | 334 19.90 | 3,630   | 384 22.75 | -2,630  |
| 235 13.60 | 16,130  | 285 16.70 | 6,130   | 335 19.95 | 28,630  | 385 22.80 | 9,880   |
| 236 13.65 | -8,880  | 286 16.75 | -10,130 | 336 20.00 | 3,630   | 386 22.85 | 22,380  |
| 237 13.70 | 34,880  | 287 16.80 | 16,130  | 337 20.10 | 9,880   | 387 22.90 | 9,880   |
| 238 13.80 | -35,880 | 288 16.85 | 43,630  | 338 20.15 | -8,880  | 388 22.95 | 3,630   |
| 239 13.85 | 26,130  | 289 16.90 | 31,130  | 339 20.20 | 3,630   | 389 23.00 | 11,130  |
| 240 13.90 | 3,630   | 290 16.95 | 58,630  | 340 20.25 | 3,630   | 390 23.05 | -18,880 |
| 241 13.95 | -10,130 | 291 17.00 | 16,130  | 341 20.27 | 16,130  | 391 23.10 | -8,880  |
| 242 14.00 | 3,630   | 292 17.05 | -27,630 | 342 20.30 | -23,880 | 392 23.15 | -12,630 |
| 243 14.10 | 46,130  | 293 17.10 | 39,880  | 343 20.40 | 18,630  | 393 23.20 | 3,630   |
| 244 14.20 | -46,380 | 294 17.20 | -23,880 | 344 20.50 | -22,630 | 394 23.30 | -31,380 |
| 245 14.30 | 59,880  | 295 17.25 | 3,630   | 345 20.55 | 16,130  | 395 23.35 | -6,380  |
| 246 14.40 | 6,130   | 296 17.30 | -47,630 | 346 20.60 | 2,380   | 396 23.40 | -18,880 |
| 247 14.45 | 34,880  | 297 17.40 | 22,380  | 347 20.70 | 34,880  | 397 23.45 | -26,380 |
| 248 14.50 | -15,130 | 298 17.50 | 3,630   | 348 20.75 | -21,380 | 398 23.50 | 3,630   |
| 249 14.54 | -23,880 | 299 17.55 | 34,880  | 349 20.80 | 3,630   | 399 23.55 | 28,630  |
| 250 14.60 | 3,630   | 300 17.60 | -8,880  | 350 20.85 | -5,130  | 400 23.60 | 16,130  |

INDEX NO. 249 1302-GR-10 CHIYODA BRIDGE LG MAX.ACCEL.= 78.630(GAL) T= 5.20(SEC) NO. 3

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 401 23.70 | 31,130  | 451 27.40 | -9,880  | 501 30.55 | -31,380 | 551 33.80 | -8,880  |
| 402 23.80 | 6,130   | 452 27.50 | 14,880  | 502 30.60 | -10,130 | 552 33.90 | -15,130 |
| 403 23.90 | 9,880   | 453 27.60 | -10,130 | 503 30.70 | -22,630 | 553 34.00 | -21,380 |
| 404 24.00 | -8,880  | 454 27.70 | 28,630  | 504 30.80 | -7,630  | 554 34.05 | 3,630   |
| 405 24.10 | -23,880 | 455 27.75 | 13,630  | 505 30.82 | -10,130 | 555 34.10 | -2,630  |
| 406 24.15 | 1,130   | 456 27.80 | 16,130  | 506 30.90 | 8,630   | 556 34.15 | -18,880 |
| 407 24.20 | -15,130 | 457 27.85 | -19,130 | 507 30.95 | 13,630  | 557 34.20 | -8,880  |
| 408 24.30 | 16,130  | 458 28.00 | 9,880   | 508 31.00 | 9,880   | 558 34.30 | -15,130 |
| 409 24.35 | 29,880  | 459 28.05 | -15,130 | 509 31.04 | 16,130  | 559 34.40 | -2,380  |
| 410 24.40 | -8,880  | 460 28.10 | 3,630   | 510 31.10 | -2,430  | 560 34.50 | -8,880  |
| 411 24.45 | 12,380  | 461 28.13 | 16,130  | 511 31.13 | -5,130  | 561 34.58 | -18,880 |
| 412 24.50 | -21,380 | 462 28.15 | 6,130   | 512 31.17 | -3,880  | 562 34.60 | -21,380 |
| 413 24.55 | -43,880 | 463 28.20 | 16,130  | 513 31.20 | -10,130 | 563 34.63 | 21,380  |
| 414 24.60 | 3,630   | 464 28.23 | 42,380  | 514 31.30 | 26,130  | 564 34.70 | -8,880  |
| 415 24.65 | 52,380  | 465 28.30 | -10,130 | 515 31.40 | -12,630 | 565 34.73 | 13,630  |
| 416 24.70 | 13,630  | 466 28.38 | 16,130  | 516 31.45 | 3,630   | 566 34.80 | -2,630  |
| 417 24.80 | 42,380  | 467 28.40 | 14,880  | 517 31.50 | -31,380 | 567 34.83 | 13,630  |
| 418 24.85 | 22,380  | 468 28.45 | -29,880 | 518 31.55 | -31,380 | 568 34.88 | -1,630  |
| 419 24.90 | 22,380  | 469 28.50 | 1,130   | 519 31.60 | -27,630 | 569 34.90 | -2,630  |
| 420 25.00 | -11,380 | 470 28.60 | -31,380 | 520 31.62 | -15,130 | 570 34.95 | 14,880  |
| 421 25.10 | 27,380  | 471 28.70 | -5,130  | 521 31.68 | -13,880 | 571 35.00 | 9,880   |
| 422 25.20 | -2,630  | 472 28.80 | -28,880 | 522 31.70 | -8,880  | 572 35.10 | 16,130  |
| 423 25.23 | 3,630   | 473 28.90 | -16,380 | 523 31.80 | -18,880 | 573 35.20 | -2,630  |
| 424 25.30 | -15,130 | 474 28.95 | -18,880 | 524 31.83 | -17,380 | 574 35.30 | -6,380  |
| 425 25.40 | 2,380   | 475 29.00 | 12,380  | 525 31.90 | 16,130  | 575 35.40 | -2,630  |
| 426 25.50 | -21,380 | 476 29.03 | 9,880   | 526 32.00 | -27,630 | 576 35.45 | 9,880   |
| 427 25.55 | 18,630  | 477 29.05 | -19,130 | 527 32.10 | 3,630   | 577 35.50 | 3,630   |
| 428 25.60 | -3,880  | 478 29.10 | -5,880  | 528 32.20 | -18,880 | 578 35.55 | -0,630  |
| 429 25.65 | 41,130  | 479 29.20 | -2,630  | 529 32.30 | 22,380  | 579 35.60 | -2,630  |
| 430 25.70 | 16,130  | 480 29.22 | -18,880 | 530 32.40 | -8,380  | 580 35.70 | -8,880  |
| 431 25.80 | -23,880 | 481 29.30 | -2,630  | 531 32.50 | 9,880   | 581 35.75 | 12,380  |
| 432 25.85 | 13,630  | 482 29.35 | 9,880   | 532 32.57 | 3,430   | 582 35.80 | -1,380  |
| 433 25.90 | -11,380 | 483 29.40 | -11,380 | 533 32.60 | -8,880  | 583 35.90 | -8,880  |
| 434 26.00 | 18,630  | 484 29.47 | 14,880  | 534 32.70 | -11,130 | 584 36.00 | -8,880  |
| 435 26.10 | -6,380  | 485 29.50 | 13,630  | 535 32.80 | -3,880  | 585 36.10 | 17,380  |
| 436 26.15 | 19,880  | 486 29.60 | -31,380 | 536 32.90 | 21,130  | 586 36.18 | -5,130  |
| 437 26.20 | -8,880  | 487 29.65 | -20,130 | 537 33.00 | -2,630  | 587 36.20 | -1,380  |
| 438 26.30 | 16,130  | 488 29.70 | -35,880 | 538 33.05 | -21,380 | 588 36.22 | 3,630   |
| 439 26.40 | -18,880 | 489 29.80 | -20,130 | 539 33.10 | -8,880  | 589 36.30 | -8,880  |
| 440 26.50 | 41,130  | 490 29.90 | 14,880  | 540 33.13 | 3,630   | 590 36.40 | -23,880 |
| 441 26.60 | 2,380   | 491 30.00 | -15,130 | 541 33.20 | 3,630   | 591 36.42 | -2,630  |
| 442 26.70 | 12,380  | 492 30.05 | 16,130  | 542 33.27 | -2,630  | 592 36.48 | -12,630 |
| 443 26.80 | -33,880 | 493 30.10 | -8,880  | 543 33.30 | 1,130   | 593 36.50 | -11,380 |
| 444 26.85 | -23,880 | 494 30.20 | 16,130  | 544 33.33 | 6,130   | 594 36.56 | -8,880  |
| 445 26.90 | -33,880 | 495 30.23 | 27,380  | 545 33.40 | -21,380 | 595 36.60 | -11,380 |
| 446 26.95 | 3,630   | 496 30.30 | 1,130   | 546 33.50 | -8,880  | 596 36.65 | -21,380 |
| 447 27.00 | -8,880  | 497 30.35 | 9,880   | 547 33.60 | -18,880 | 597 36.70 | -18,880 |
| 448 27.10 | 18,630  | 498 30.40 | -8,880  | 548 33.65 | 6,130   | 598 36.75 | -2,630  |
| 449 27.20 | -8,880  | 499 30.45 | -22,630 | 549 33.70 | 1,130   | 599 36.80 | -8,880  |
| 450 27.30 | 22,380  | 500 30.50 | -23,880 | 550 33.75 | -12,630 | 600 36.90 | -2,630  |

| INDEX NO. 249 1302-GR-10 CHIYODA BRIDGE LG |         |           |         | MAX.ACCEL.= 78.630(GAL) T= 5.20(SEC) |         |           |         | NO. 4 |  |
|--------------------------------------------|---------|-----------|---------|--------------------------------------|---------|-----------|---------|-------|--|
| NO. (SEC)                                  | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC)                            | (GAL)   | NO. (SEC) | (GAL)   |       |  |
| 601 37.00                                  | -21.380 | 651 40.20 | 3.630   | 701 43.45                            | 19.480  | 751 46.60 | -6.380  |       |  |
| 602 37.05                                  | -6.380  | 652 40.30 | -8.880  | 702 43.50                            | 16.130  | 752 46.64 | 1.130   |       |  |
| 603 37.10                                  | -8.880  | 653 40.40 | -6.380  | 703 43.60                            | -2.630  | 753 46.70 | -10.130 |       |  |
| 604 37.14                                  | 3.630   | 654 40.50 | -10.130 | 704 43.70                            | -8.880  | 754 46.80 | -8.880  |       |  |
| 605 37.20                                  | 1.130   | 655 40.55 | -7.630  | 705 43.75                            | -2.630  | 755 46.85 | -10.130 |       |  |
| 606 37.25                                  | -0.130  | 656 40.60 | -10.130 | 706 43.80                            | -8.880  | 756 46.90 | -6.380  |       |  |
| 607 37.30                                  | 9.880   | 657 40.70 | -6.380  | 707 43.85                            | -1.380  | 757 46.95 | 2.380   |       |  |
| 608 37.35                                  | 22.380  | 658 40.75 | -8.880  | 708 43.90                            | -8.880  | 758 47.00 | -1.380  |       |  |
| 609 37.40                                  | 9.880   | 659 40.80 | -10.180 | 709 43.95                            | -11.380 | 759 47.10 | 6.130   |       |  |
| 610 37.46                                  | -6.380  | 660 40.85 | -1.380  | 710 44.00                            | -8.880  | 760 47.15 | 3.630   |       |  |
|                                            |         |           |         |                                      |         |           |         |       |  |
| 611 37.50                                  | -1.380  | 661 40.90 | -8.880  | 711 44.05                            | -11.380 | 761 47.20 | 6.130   |       |  |
| 612 37.60                                  | -6.380  | 662 40.95 | 1.130   | 712 44.10                            | -8.880  | 762 47.27 | -6.380  |       |  |
| 613 37.70                                  | 16.130  | 663 41.00 | -8.880  | 713 44.20                            | -8.880  | 763 47.30 | -3.880  |       |  |
| 614 37.75                                  | 3.630   | 664 41.05 | -16.380 | 714 44.30                            | -6.380  | 764 47.34 | 1.130   |       |  |
| 615 37.80                                  | 7.380   | 665 41.10 | -10.130 | 715 44.40                            | 1.130   | 765 47.40 | -8.880  |       |  |
| 616 37.85                                  | 11.130  | 666 41.20 | -10.130 | 716 44.45                            | -8.880  | 766 47.50 | -10.130 |       |  |
| 617 37.90                                  | -10.130 | 667 41.30 | -6.380  | 717 44.50                            | -3.880  | 767 47.60 | -11.380 |       |  |
| 618 38.00                                  | 1.130   | 668 41.33 | 3.630   | 718 44.53                            | 6.130   | 768 47.66 | -1.130  |       |  |
| 619 38.05                                  | -5.130  | 669 41.40 | -8.880  | 719 44.60                            | -3.880  | 769 47.70 | -2.630  |       |  |
| 620 38.10                                  | -6.380  | 670 41.50 | 2.380   | 720 44.70                            | -11.380 | 770 47.80 | 11.130  |       |  |
|                                            |         |           |         |                                      |         |           |         |       |  |
| 621 38.13                                  | -8.880  | 671 41.55 | -7.880  | 721 44.80                            | -15.130 | 771 47.90 | 2.380   |       |  |
| 622 38.20                                  | -6.380  | 672 41.60 | -2.630  | 722 44.90                            | 1.130   | 772 48.00 | -2.630  |       |  |
| 623 38.25                                  | -21.380 | 673 41.65 | 9.880   | 723 44.95                            | -0.130  | 773 48.10 | -2.630  |       |  |
| 624 38.30                                  | -8.880  | 674 41.70 | 1.130   | 724 45.00                            | 3.630   | 774 48.15 | -11.380 |       |  |
| 625 38.40                                  | -18.880 | 675 41.80 | 6.130   | 725 45.05                            | 9.880   | 775 48.20 | -6.380  |       |  |
| 626 38.50                                  | 3.630   | 676 41.85 | -1.380  | 726 45.10                            | 3.630   | 776 48.25 | -16.380 |       |  |
| 627 38.55                                  | -21.380 | 677 41.90 | 2.380   | 727 45.20                            | 8.630   | 777 48.30 | -13.880 |       |  |
| 628 38.60                                  | -10.130 | 678 42.00 | 1.130   | 728 45.30                            | -8.880  | 778 48.33 | -8.880  |       |  |
| 629 38.65                                  | 3.630   | 679 42.10 | -6.380  | 729 45.35                            | 1.130   | 779 48.40 | -18.880 |       |  |
| 630 38.70                                  | -6.380  | 680 42.16 | -15.130 | 730 45.40                            | -8.880  | 780 48.48 | -6.380  |       |  |
|                                            |         |           |         |                                      |         |           |         |       |  |
| 631 38.80                                  | 16.130  | 681 42.20 | -11.380 | 731 45.43                            | -15.130 | 781 48.50 | -2.630  |       |  |
| 632 38.83                                  | 11.130  | 682 42.25 | -10.130 | 732 45.50                            | -11.380 | 782 48.54 | -2.630  |       |  |
| 633 38.90                                  | 13.630  | 683 42.30 | -23.880 | 733 45.55                            | -21.380 | 783 48.60 | 3.630   |       |  |
| 634 39.00                                  | -2.630  | 684 42.40 | 3.630   | 734 45.60                            | -20.130 | 784 48.70 | 1.130   |       |  |
| 635 39.10                                  | -15.130 | 685 42.50 | -8.880  | 735 45.66                            | -7.630  | 785 48.73 | 3.630   |       |  |
| 636 39.18                                  | -6.380  | 686 42.55 | -3.880  | 736 45.70                            | -10.130 | 786 48.80 | -2.630  |       |  |
| 637 39.20                                  | -8.880  | 687 42.60 | -8.880  | 737 45.75                            | 2.380   | 787 48.85 | 8.630   |       |  |
| 638 39.28                                  | -8.880  | 688 42.65 | -2.630  | 738 45.80                            | -7.630  | 788 48.90 | 3.630   |       |  |
| 639 39.30                                  | -15.130 | 689 42.70 | -11.380 | 739 45.85                            | -6.380  | 789 48.93 | 1.130   |       |  |
| 640 39.40                                  | -33.880 | 690 42.80 | -8.880  | 740 45.90                            | -7.630  | 790 49.00 | 9.880   |       |  |
|                                            |         |           |         |                                      |         |           |         |       |  |
| 641 39.50                                  | -18.880 | 691 42.90 | -3.880  | 741 46.00                            | 2.380   | 791 49.03 | 13.630  |       |  |
| 642 39.60                                  | 3.630   | 692 43.00 | -5.130  | 742 46.05                            | -2.630  | 792 49.10 | 6.130   |       |  |
| 643 39.65                                  | 6.130   | 693 43.05 | 6.130   | 743 46.10                            | -1.380  | 793 49.20 | 3.630   |       |  |
| 644 39.70                                  | 14.880  | 694 43.10 | 1.130   | 744 46.15                            | 6.130   | 794 49.30 | -0.130  |       |  |
| 645 39.80                                  | 3.630   | 695 43.16 | 4.880   | 745 46.20                            | -8.880  | 795 49.40 | -1.380  |       |  |
| 646 39.90                                  | 9.880   | 696 43.20 | 2.380   | 746 46.30                            | -6.380  | 796 49.50 | 9.880   |       |  |
| 647 40.00                                  | 3.630   | 697 43.25 | -2.630  | 747 46.37                            | -3.880  | 797 49.60 | 3.630   |       |  |
| 648 40.06                                  | 8.630   | 698 43.30 | 3.630   | 748 46.40                            | -3.880  | 798 49.64 | 6.130   |       |  |
| 649 40.10                                  | 1.130   | 699 43.33 | 16.130  | 749 46.42                            | -5.130  | 799 49.70 | 1.130   |       |  |
| 650 40.13                                  | -3.880  | 700 43.40 | 13.630  | 750 46.50                            | 2.380   | 800 49.80 | 9.880   |       |  |

| INDEX NO. 249 1302-GR-10 CHIYODA BRIDGE LG |         |           |         | MAX.ACCEL.= 78.630(GAL) T= 5.20(SEC) |  |  |  | NO. 5 |  |
|--------------------------------------------|---------|-----------|---------|--------------------------------------|--|--|--|-------|--|
| NO. (SEC)                                  | (GAL)   | NO. (SEC) | (GAL)   |                                      |  |  |  |       |  |
| 801 49.88                                  | 6.130   | 851 52.80 | -8.880  |                                      |  |  |  |       |  |
| 802 49.90                                  | 7.380   | 852 52.86 | -5.130  |                                      |  |  |  |       |  |
| 803 49.93                                  | 9.880   | 853 52.90 | -5.130  |                                      |  |  |  |       |  |
| 804 50.00                                  | 3.630   | 854 53.00 | -6.380  |                                      |  |  |  |       |  |
| 805 50.10                                  | 6.130   | 855 53.03 | -5.130  |                                      |  |  |  |       |  |
| 806 50.15                                  | 3.630   | 856 53.08 | -6.380  |                                      |  |  |  |       |  |
| 807 50.20                                  | 6.130   | 857 53.10 | -2.630  |                                      |  |  |  |       |  |
| 808 50.25                                  | -1.380  | 858 53.20 | -6.380  |                                      |  |  |  |       |  |
| 809 50.30                                  | 11.330  | 859 53.27 | 9.880   |                                      |  |  |  |       |  |
| 810 50.34                                  | 3.630   | 860 53.30 | 3.630   |                                      |  |  |  |       |  |
|                                            |         |           |         |                                      |  |  |  |       |  |
| 811 50.40                                  | -5.130  | 861 53.40 | 6.130   |                                      |  |  |  |       |  |
| 812 50.48                                  | 1.130   | 862 53.50 | 3.630   |                                      |  |  |  |       |  |
| 813 50.50                                  | -0.130  | 863 53.57 | 7.380   |                                      |  |  |  |       |  |
| 814 50.55                                  | -6.380  | 864 53.60 | 1.130   |                                      |  |  |  |       |  |
| 815 50.60                                  | -2.630  | 865 53.63 | -0.130  |                                      |  |  |  |       |  |
| 816 50.70                                  | -8.880  | 866 53.70 | 3.630   |                                      |  |  |  |       |  |
| 817 50.72                                  | -11.380 | 867 53.80 | -2.630  |                                      |  |  |  |       |  |
| 818 50.80                                  | -6.380  | 868 53.90 | -8.880  |                                      |  |  |  |       |  |
| 819 50.85                                  | -8.880  | 869 53.93 | -15.130 |                                      |  |  |  |       |  |
| 820 50.90                                  | -6.380  | 870 54.00 | -12.630 |                                      |  |  |  |       |  |
|                                            |         |           |         |                                      |  |  |  |       |  |
| 821 50.98                                  | -2.630  | 871 54.10 | -15.130 |                                      |  |  |  |       |  |
| 822 51.00                                  | -1.380  | 872 54.15 | -2.630  |                                      |  |  |  |       |  |
| 823 51.10                                  | -7.630  | 873 54.20 | -6.380  |                                      |  |  |  |       |  |
| 824 51.20                                  | -6.380  | 874 54.30 | 3.630   |                                      |  |  |  |       |  |
| 825 51.25                                  | -8.880  | 875 54.35 | 1.130   |                                      |  |  |  |       |  |
| 826 51.30                                  | -2.630  | 876 54.40 | 3.630   |                                      |  |  |  |       |  |
| 827 51.35                                  | 4.880   | 877 54.50 | 1.130   |                                      |  |  |  |       |  |
| 828 51.40                                  | 3.630   | 878 54.60 | 1.130   |                                      |  |  |  |       |  |
| 829 51.50                                  | 7.380   | 879 54.65 | -2.630  |                                      |  |  |  |       |  |
| 830 51.55                                  | 3.630   | 880 54.70 | 1.130   |                                      |  |  |  |       |  |
|                                            |         |           |         |                                      |  |  |  |       |  |
| 831 51.60                                  | 6.130   | 881 54.80 | 6.130   |                                      |  |  |  |       |  |
| 832 51.63                                  | 9.880   | 882 54.85 | 7.380   |                                      |  |  |  |       |  |
| 833 51.70                                  | 1.130   | 883 54.90 | 3.630   |                                      |  |  |  |       |  |
| 834 51.73                                  | -1.380  | 884 55.00 | 1.130   |                                      |  |  |  |       |  |
| 835 51.80                                  | 3.630   | 885 55.10 | 1.130   |                                      |  |  |  |       |  |
| 836 51.90                                  | -6.380  | 886 55.20 | -5.130  |                                      |  |  |  |       |  |
| 837 52.00                                  | -8.880  | 887 55.25 | -2.630  |                                      |  |  |  |       |  |
| 838 52.03                                  | -11.380 | 888 55.30 | -8.880  |                                      |  |  |  |       |  |
| 839 52.10                                  | -8.880  | 889 55.40 | -2.630  |                                      |  |  |  |       |  |
| 840 52.20                                  | -6.380  | 890 55.50 | -6.380  |                                      |  |  |  |       |  |
|                                            |         |           |         |                                      |  |  |  |       |  |
| 841 52.30                                  | 3.630   | 891 55.60 | 1.130   |                                      |  |  |  |       |  |
| 842 52.38                                  | -2.630  | 892 55.70 | 1.130   |                                      |  |  |  |       |  |
| 843 52.40                                  | -1.380  | 893 55.80 | 6.130   |                                      |  |  |  |       |  |
| 844 52.45                                  | 1.130   | 894 55.90 | 6.130   |                                      |  |  |  |       |  |
| 845 52.50                                  | 1.130   | 895 56.00 | 1.130   |                                      |  |  |  |       |  |
| 846 52.55                                  | 1.130   |           |         |                                      |  |  |  |       |  |
| 847 52.58                                  | 3.630   |           |         |                                      |  |  |  |       |  |
| 848 52.60                                  | 1.130   |           |         |                                      |  |  |  |       |  |
| 849 52.70                                  | -5.130  |           |         |                                      |  |  |  |       |  |
| 850 52.75                                  | -1.380  |           |         |                                      |  |  |  |       |  |

| INDEX NO. | 250   | 1302-GR-10 | CHIYODA BRIDGE | TR    | MAX.ACCEL.* | 83,000(GAL) | T= 7.30(SEC) | NO. 1   |
|-----------|-------|------------|----------------|-------|-------------|-------------|--------------|---------|
| NO.       | (SEC) | (GAL)      | NO.            | (SEC) | (GAL)       | NO.         | (SEC)        | (GAL)   |
| 1         | 0.    | 5,500      | 51             | 2.80  | 4,250       | 101         | 5.85         | 8,000   |
| 2         | 0.08  | -4,500     | 52             | 2.83  | -17,000     | 102         | 5.90         | 16,750  |
| 3         | 0.10  | -8,250     | 53             | 2.90  | 14,250      | 103         | 5.95         | -50,750 |
| 4         | 0.13  | -8,250     | 54             | 3.00  | -17,000     | 104         | 6.00         | 11,750  |
| 5         | 0.20  | 11,750     | 55             | 3.03  | 16,750      | 105         | 6.05         | 16,750  |
| 6         | 0.28  | -19,500    | 56             | 3.10  | -17,000     | 106         | 6.10         | -40,750 |
| 7         | 0.30  | -10,550    | 57             | 3.18  | -9,500      | 107         | 6.20         | -10,750 |
| 8         | 0.35  | 9,250      | 58             | 3.20  | -9,500      | 108         | 6.30         | 24,250  |
| 9         | 0.40  | -10,750    | 59             | 3.25  | 14,250      | 109         | 6.35         | -10,750 |
| 10        | 0.42  | -19,500    | 60             | 3.30  | -8,250      | 110         | 6.40         | 26,750  |
| 11        | 0.50  | 9,250      | 61             | 3.40  | 14,250      | 111         | 6.50         | 15,500  |
| 12        | 0.55  | -4,500     | 62             | 3.50  | -5,750      | 112         | 6.55         | 29,250  |
| 13        | 0.60  | 1,750      | 63             | 3.55  | 11,750      | 113         | 6.60         | -47,000 |
| 14        | 0.65  | -13,250    | 64             | 3.60  | -8,250      | 114         | 6.65         | -23,250 |
| 15        | 0.70  | 1,750      | 65             | 3.65  | -4,500      | 115         | 6.70         | -4,500  |
| 16        | 0.73  | -3,250     | 66             | 3.70  | -7,000      | 116         | 6.75         | -54,500 |
| 17        | 0.77  | 1,750      | 67             | 3.75  | -15,750     | 117         | 6.80         | 34,250  |
| 18        | 0.80  | -3,250     | 68             | 3.80  | 24,250      | 118         | 6.85         | 33,000  |
| 19        | 0.90  | 1,750      | 69             | 3.90  | -9,500      | 119         | 6.90         | -8,000  |
| 20        | 0.95  | 11,750     | 70             | 4.00  | 14,250      | 120         | 7.00         | -48,250 |
| 21        | 1.00  | -10,750    | 71             | 4.03  | 36,750      | 121         | 7.05         | -38,250 |
| 22        | 1.03  | -14,500    | 72             | 4.08  | -8,250      | 122         | 7.10         | 26,750  |
| 23        | 1.10  | -4,500     | 73             | 4.10  | 26,750      | 123         | 7.20         | -17,000 |
| 24        | 1.12  | -4,500     | 74             | 4.15  | 14,250      | 124         | 7.30         | 83,000  |
| 25        | 1.18  | 2,000      | 75             | 4.20  | -10,750     | 125         | 7.40         | -10,750 |
| 26        | 1.20  | 0,750      | 76             | 4.30  | -54,500     | 126         | 7.50         | -38,250 |
| 27        | 1.25  | -8,250     | 77             | 4.40  | 53,000      | 127         | 7.55         | -17,000 |
| 28        | 1.30  | 4,250      | 78             | 4.48  | 26,750      | 128         | 7.60         | -24,500 |
| 29        | 1.35  | -13,250    | 79             | 4.50  | 20,500      | 129         | 7.65         | -8,250  |
| 30        | 1.40  | -0,750     | 80             | 4.53  | 17,500      | 130         | 7.70         | -0,750  |
| 31        | 1.50  | -15,750    | 81             | 4.60  | -10,750     | 131         | 7.80         | -23,250 |
| 32        | 1.55  | 11,750     | 82             | 4.65  | -23,250     | 132         | 7.85         | 40,500  |
| 33        | 1.60  | -10,750    | 83             | 4.70  | -67,000     | 133         | 7.90         | -19,500 |
| 34        | 1.70  | 4,250      | 84             | 4.80  | 1,750       | 134         | 7.92         | 14,250  |
| 35        | 1.80  | -10,750    | 85             | 4.90  | -19,500     | 135         | 7.95         | 45,500  |
| 36        | 1.85  | -4,250     | 86             | 5.00  | 33,000      | 136         | 8.00         | -8,250  |
| 37        | 1.90  | -10,750    | 87             | 5.10  | -50,750     | 137         | 8.00         | -4,500  |
| 38        | 1.95  | 8,000      | 88             | 5.15  | -4,500      | 138         | 8.10         | -38,250 |
| 39        | 2.00  | -19,500    | 89             | 5.20  | -35,750     | 139         | 8.12         | -13,250 |
| 40        | 2.10  | 9,250      | 90             | 5.30  | 1,750       | 140         | 8.20         | -4,500  |
| 41        | 2.20  | -20,750    | 91             | 5.35  | 38,000      | 141         | 8.25         | -17,000 |
| 42        | 2.30  | 8,000      | 92             | 5.40  | -38,250     | 142         | 8.30         | 1,750   |
| 43        | 2.32  | -4,500     | 93             | 5.47  | -17,000     | 143         | 8.35         | 54,250  |
| 44        | 2.38  | -0,250     | 94             | 5.50  | -23,250     | 144         | 8.40         | -24,500 |
| 45        | 2.40  | -4,500     | 95             | 5.55  | 36,750      | 145         | 8.50         | 53,000  |
| 46        | 2.45  | 11,750     | 96             | 5.60  | -19,500     | 146         | 8.60         | -35,750 |
| 47        | 2.50  | -23,250    | 97             | 5.70  | 29,250      | 147         | 8.70         | 14,250  |
| 48        | 2.60  | -17,000    | 98             | 5.75  | -17,000     | 148         | 8.71         | 11,750  |
| 49        | 2.70  | -0,750     | 99             | 5.80  | 4,250       | 149         | 8.76         | 9,250   |
| 50        | 2.75  | -2,000     | 100            | 5.82  | 16,750      | 150         | 8.80         | -39,500 |

| INDEX NO. | 250   | 1302-GR-10 | CHIYODA BRIDGE | TR    | MAX.ACCEL.* | 83,000(GAL) | T= 7.30(SEC) | NO. 2   |
|-----------|-------|------------|----------------|-------|-------------|-------------|--------------|---------|
| NO.       | (SEC) | (GAL)      | NO.            | (SEC) | (GAL)       | NO.         | (SEC)        | (GAL)   |
| 201       | 12.20 | 14,250     | 251            | 15.97 | 9,250       | 301         | 18.93        | -35,750 |
| 202       | 12.30 | 14,250     | 252            | 16.00 | -18,250     | 302         | 19.00        | -4,500  |
| 203       | 12.40 | 14,250     | 253            | 16.03 | -8,250      | 303         | 19.05        | -17,000 |
| 204       | 12.50 | -27,000    | 254            | 16.06 | -8,250      | 304         | 19.15        | 5,500   |
| 205       | 12.55 | 24,250     | 255            | 16.10 | 14,250      | 305         | 19.20        | 3,300   |
| 206       | 12.60 | -4,500     | 256            | 16.20 | -42,000     | 306         | 19.23        | 5,500   |
| 207       | 12.70 | 34,250     | 257            | 16.30 | 16,750      | 307         | 19.30        | -34,500 |
| 208       | 12.75 | 17,750     | 258            | 16.40 | -22,000     | 308         | 19.40        | 52,750  |
| 209       | 12.80 | -24,500    | 259            | 16.45 | 20,500      | 309         | 19.43        | 24,250  |
| 210       | 12.90 | 8,000      | 260            | 16.50 | -23,250     | 310         | 19.48        | 20,500  |
| 211       | 13.00 | -23,250    | 261            | 16.55 | -35,750     | 311         | 19.50        | 1,750   |
| 212       | 13.05 | 26,750     | 262            | 16.60 | -23,250     | 312         | 19.53        | -10,750 |
| 213       | 13.10 | -4,500     | 263            | 16.65 | 29,250      | 313         | 19.60        | 8,000   |
| 214       | 13.20 | -2,000     | 264            | 16.70 | -44,500     | 314         | 19.70        | -23,250 |
| 215       | 13.25 | 25,500     | 265            | 16.80 | 8,000       | 315         | 19.77        | 8,000   |
| 216       | 13.30 | 8,000      | 266            | 16.85 | 20,500      | 316         | 19.80        | 8,000   |
| 217       | 13.40 | -35,750    | 267            | 16.90 | 58,000      | 317         | 19.85        | 14,250  |
| 218       | 13.50 | 26,750     | 268            | 17.00 | -23,250     | 318         | 19.90        | 40,500  |
| 219       | 13.60 | -42,000    | 269            | 17.08 | 24,250      | 319         | 20.00        | -29,500 |
| 220       | 13.70 | 33,000     | 270            | 17.10 | 8,000       | 320         | 20.10        | 8,000   |
| 221       | 13.80 | -8,250     | 271            | 17.15 | 14,250      | 321         | 20.20        | -29,500 |
| 222       | 13.90 | 40,500     | 272            | 17.20 | -29,750     | 322         | 20.30        | -10,750 |
| 223       | 14.00 | 4,250      | 273            | 17.30 | 24,250      | 323         | 20.40        | 1,750   |
| 224       | 14.03 | 4,250      | 274            | 17.34 | -10,750     | 324         | 20.45        | -10,750 |
| 225       | 14.10 | -33,250    | 275            | 17.40 | -23,250     | 325         | 20.50        | 8,000   |
| 226       | 14.20 | -20,750    | 276            | 17.45 | -60,750     | 326         | 20.55        | 20,500  |
| 227       | 14.30 | -23,250    | 277            | 17.50 | -35,750     | 327         | 20.60        | -23,250 |
| 228       | 14.35 | 26,750     | 278            | 17.60 | 26,750      | 328         | 20.65        | -48,250 |
| 229       | 14.40 | -0,750     | 279            | 17.65 | -4,500      | 329         | 20.70        | -25,750 |
| 230       | 14.50 | 59,250     | 280            | 17.70 | 36,750      | 330         | 20.75        | 24,250  |
| 231       | 14.55 | -13,250    | 281            | 17.80 | -23,250     | 331         | 20.80        | -29,500 |
| 232       | 14.60 | -0,750     | 282            | 17.85 | 1,750       | 332         | 20.85        | -42,000 |
| 233       | 14.70 | -43,750    | 283            | 17.90 | 1,750       | 333         | 20.90        | 14,250  |
| 234       | 14.80 | -23,250    | 284            | 17.95 | 33,000      | 334         | 21.00        | 1,750   |
| 235       | 14.90 | 55,500     | 285            | 18.00 | -23,250     | 335         | 21.02        | 1,750   |
| 236       | 15.00 | -35,750    | 286            | 18.03 | -52,000     | 336         | 21.05        | -10,750 |
| 237       | 15.10 | 1,750      | 287            | 18.10 | 14,250      | 337         | 21.10        | 3,000   |
| 238       | 15.20 | -48,250    | 288            | 18.20 | -48,250     | 338         | 21.15        | -7,000  |
| 239       | 15.28 | 5,500      | 289            | 18.30 | 14,250      | 339         | 21.20        | 14,250  |
| 240       | 15.30 | 1,750      | 290            | 18.35 | 14,250      | 340         | 21.25        | 28,000  |
| 241       | 15.32 | -3,250     | 291            | 18.40 | -33,250     | 341         | 21.30        | -17,000 |
| 242       | 15.40 | 33,000     | 292            | 18.50 | 48,000      | 342         | 21.35        | 26,750  |
| 243       | 15.45 | -4,500     | 293            | 18.55 | 8,000       | 343         | 21.40        | -20,750 |
| 244       | 15.50 | -0,750     | 294            | 18.60 | 29,250      | 344         | 21.50        | 14,250  |
| 245       | 15.60 | -42,000    | 295            | 18.68 | -0,750      | 345         | 21.54        | 27,250  |
| 246       | 15.70 | -10,750    | 296            | 18.70 | 1,750       | 346         | 21.60        | -33,250 |
| 247       | 15.75 | 24,250     | 297            | 18.74 | -17,000     | 347         | 21.70        | 26,750  |
| 248       | 15.80 | -25,750    | 298            | 18.80 | -17,000     | 348         | 21.75        | 39,250  |
| 249       | 15.90 | 39,250     | 299            | 18.85 | -35,750     | 349         | 21.80        | -10,750 |
| 250       | 15.93 | 8,000      | 300            | 18.90 | -23,250     | 350         | 21.85        | 14,250  |
| 351       | 21.90 | -17,000    | 352            | 22.00 | -10,750     | 353         | 22.05        | -30,250 |
| 354       | 22.10 | -10,750    | 355            | 22.20 | 33,000      | 356         | 22.25        | -4,500  |
| 357       | 22.30 | 16,750     | 358            | 22.35 | -17,000     | 359         | 22.40        | -17,000 |
| 360       | 22.45 | -23,250    | 361            | 22.50 | -19,500     | 362         | 22.53        | -4,500  |
| 363       | 22.60 | -4,500     | 364            | 22.65 | 33,000      | 365         | 22.70        | -4,500  |
| 366       | 22.80 | 49,250     | 367            | 22.90 | -23,250     | 368         | 22.95        | 20,500  |
| 369       | 23.00 | -15,750    | 370            | 23.07 | -14,000     | 371         | 23.10        | 1,750   |
| 372       | 23.15 | -13,250    | 373            | 23.20 | 14,250      | 374         | 23.22        | 21,750  |
| 375       | 23.30 | -13,250    | 376            | 23.32 | -5,750      | 377         | 23.37        | -7,000  |
| 378       | 23.40 | 1,750      | 379            | 23.45 | -13,250     | 380         | 23.50        | -4,500  |
| 381       | 23.60 | -17,000    | 382            | 23.65 | 18,000      | 383         | 23.70        | 1,750   |
| 384       | 23.80 | 29,250     | 385            | 23.90 | -20,750     | 386         | 23.95        | 11,750  |
| 387       | 24.00 | -23,250    | 388            | 24.02 | -42,000     | 389         | 24.10        | 8,000   |
| 390       | 24.15 | 24,250     | 391            | 24.20 | 15,500      | 392         | 24.24        | 29,250  |
| 393       | 24.30 | -0,750     | 394            | 24.40 | 20,500      | 395         | 24.45        | -29,000 |
| 396       | 24.45 | -17,000    | 397            | 24.60 | 26,750      | 398         | 24.65        | 16,750  |
| 399       | 24.70 | 16,750     | 400            | 24.75 | -4,500      |             |              |         |

| INDEX NO. 250 1302-GR-10 CHIYODA BRIDGE TR |       |         |     | MAX.ACCEL.= 83,000(GAL) T= 7.30(SEC) |         |     |       | NO. 3   |         |
|--------------------------------------------|-------|---------|-----|--------------------------------------|---------|-----|-------|---------|---------|
| NO.                                        | (SEC) | (GAL)   | NO. | (SEC)                                | (GAL)   | NO. | (SEC) | (GAL)   |         |
| 401                                        | 24.80 | 4,250   | 451 | 28.10                                | 4,250   | 501 | 31.20 | 11,750  | 18,000  |
| 402                                        | 24.85 | -4,500  | 452 | 28.15                                | 14,250  | 502 | 31.30 | -0,750  | 8,000   |
| 403                                        | 24.90 | 3,000   | 453 | 28.20                                | 4,250   | 503 | 31.40 | -10,750 | 13,000  |
| 404                                        | 25.00 | 14,250  | 454 | 28.30                                | 58,000  | 504 | 31.43 | -5,750  | 13,000  |
| 405                                        | 25.10 | -38,250 | 455 | 28.38                                | 18,000  | 505 | 31.50 | -28,250 | -4,500  |
| 406                                        | 25.20 | -10,750 | 456 | 28.40                                | 20,500  | 506 | 31.57 | -4,500  | -25,750 |
| 407                                        | 25.25 | 1,750   | 457 | 28.50                                | -29,500 | 507 | 31.60 | -10,750 | 3,000   |
| 408                                        | 25.30 | -4,500  | 458 | 28.55                                | -38,250 | 508 | 31.65 | -17,000 | -3,250  |
| 409                                        | 25.40 | 29,250  | 459 | 28.60                                | -23,250 | 509 | 31.70 | 0,750   | -0,750  |
| 410                                        | 25.45 | 28,000  | 460 | 28.63                                | -10,750 | 510 | 31.75 | 14,250  | 20,500  |

|     |       |         |     |       |         |     |       |         |     |       |         |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|---------|
| 411 | 25.50 | 30,550  | 461 | 28.70 | -13,250 | 511 | 31.80 | 8,000   | 561 | 35.30 | 10,500  |
| 412 | 25.53 | 24,250  | 462 | 28.75 | 14,250  | 512 | 31.87 | -4,500  | 562 | 35.33 | 14,250  |
| 413 | 25.58 | 24,250  | 463 | 28.80 | 8,000   | 513 | 31.90 | -0,750  | 563 | 35.40 | -13,250 |
| 414 | 25.60 | 8,000   | 464 | 28.83 | 11,750  | 514 | 31.97 | 15,500  | 564 | 35.50 | -17,000 |
| 415 | 25.70 | -13,250 | 465 | 28.90 | 4,250   | 515 | 32.00 | 8,000   | 565 | 35.55 | -13,250 |
| 416 | 25.78 | -13,250 | 466 | 29.00 | 14,250  | 516 | 32.10 | -13,250 | 566 | 35.60 | -15,750 |
| 417 | 25.80 | -33,250 | 467 | 29.05 | 26,750  | 517 | 32.20 | 20,500  | 567 | 35.70 | -8,250  |
| 418 | 25.90 | 1,750   | 468 | 29.10 | -23,250 | 518 | 32.25 | -13,250 | 568 | 35.80 | -7,000  |
| 419 | 26.00 | 14,250  | 469 | 29.20 | 28,000  | 519 | 32.30 | 1,750   | 569 | 35.90 | 14,250  |
| 420 | 26.05 | -23,250 | 470 | 29.30 | -30,750 | 520 | 32.35 | 14,250  | 570 | 35.97 | 15,500  |
| 421 | 26.10 | 3,000   | 471 | 29.40 | 20,500  | 521 | 32.40 | -10,750 | 571 | 36.00 | 14,250  |
| 422 | 26.15 | 1,750   | 472 | 29.50 | -8,250  | 522 | 32.48 | -10,750 | 572 | 36.10 | 1,750   |
| 423 | 26.20 | 8,000   | 473 | 29.56 | 18,000  | 523 | 32.50 | -17,000 | 573 | 36.13 | 5,500   |
| 424 | 26.25 | -17,000 | 474 | 29.60 | 1,750   | 524 | 32.60 | -4,500  | 574 | 36.17 | 0,500   |
| 425 | 26.30 | 4,350   | 475 | 29.67 | -13,250 | 525 | 32.65 | -10,750 | 575 | 36.20 | 4,250   |
| 426 | 26.35 | 1,750   | 476 | 29.70 | -4,500  | 526 | 32.76 | -4,500  | 576 | 36.25 | 14,250  |
| 427 | 26.40 | 3,000   | 477 | 29.74 | -8,250  | 527 | 32.75 | 3,000   | 577 | 36.30 | 11,750  |
| 428 | 26.50 | -9,500  | 478 | 29.80 | -7,000  | 528 | 32.80 | -4,500  | 578 | 36.40 | 16,750  |
| 429 | 26.60 | 26,750  | 479 | 29.86 | -8,250  | 529 | 32.90 | 28,000  | 579 | 36.50 | -4,500  |
| 430 | 26.65 | 11,750  | 480 | 29.90 | 1,750   | 530 | 33.00 | 1,750   | 580 | 36.55 | -7,000  |
| 431 | 26.70 | 24,250  | 481 | 29.93 | 14,250  | 531 | 33.10 | 14,250  | 581 | 36.60 | -20,750 |
| 432 | 26.80 | -4,500  | 482 | 30.00 | 3,000   | 532 | 33.17 | 4,500   | 582 | 36.70 | -10,750 |
| 433 | 26.90 | -29,500 | 483 | 30.10 | 38,000  | 533 | 33.20 | -3,250  | 583 | 36.80 | 8,000   |
| 434 | 26.95 | -24,500 | 484 | 30.20 | -0,750  | 534 | 33.24 | 5,500   | 584 | 36.90 | -0,750  |
| 435 | 27.00 | -29,500 | 485 | 30.23 | 8,000   | 535 | 33.30 | -7,000  | 585 | 36.95 | 8,000   |
| 436 | 27.05 | -13,250 | 486 | 30.30 | -10,750 | 536 | 33.40 | 13,000  | 586 | 37.00 | -4,500  |
| 437 | 27.10 | -33,250 | 487 | 30.36 | -10,750 | 537 | 33.43 | 25,500  | 587 | 37.05 | -12,000 |
| 438 | 27.20 | 1,750   | 488 | 30.40 | -20,750 | 538 | 33.50 | 1,750   | 588 | 37.10 | -4,500  |
| 439 | 27.30 | -9,500  | 489 | 30.50 | 5,500   | 539 | 33.60 | 3,000   | 589 | 37.20 | -0,750  |
| 440 | 27.35 | 24,250  | 490 | 30.55 | -0,750  | 540 | 33.70 | -13,250 | 590 | 37.30 | 1,750   |
| 441 | 27.40 | 11,750  | 491 | 30.60 | 1,750   | 541 | 33.80 | -4,500  | 591 | 37.35 | -7,000  |
| 442 | 27.50 | -0,750  | 492 | 30.65 | -0,750  | 542 | 33.85 | 1,750   | 592 | 37.40 | 3,000   |
| 443 | 27.60 | 14,250  | 493 | 30.70 | 4,250   | 543 | 33.90 | -2,000  | 593 | 37.50 | -13,250 |
| 444 | 27.70 | -17,000 | 494 | 30.80 | -23,250 | 544 | 34.00 | -4,500  | 594 | 37.60 | 18,000  |
| 445 | 27.75 | -9,500  | 495 | 30.90 | 1,750   | 545 | 34.10 | 15,500  | 595 | 37.70 | 4,250   |
| 446 | 27.80 | -10,750 | 496 | 30.95 | 18,000  | 546 | 34.15 | 1,750   | 596 | 37.80 | 24,250  |
| 447 | 27.85 | -2,000  | 497 | 31.00 | -4,500  | 547 | 34.20 | -7,750  | 597 | 37.85 | 19,250  |
| 448 | 27.90 | -8,250  | 498 | 31.07 | 20,500  | 548 | 34.25 | -7,000  | 598 | 37.88 | 16,250  |
| 449 | 28.00 | 11,750  | 499 | 31.10 | 8,000   | 549 | 34.30 | 8,000   | 599 | 37.90 | 16,750  |
| 450 | 28.05 | -4,500  | 500 | 31.15 | -3,250  | 550 | 34.40 | -0,750  | 600 | 37.95 | 3,000   |

| INDEX NO. 250 1302-GR-10 CHIYODA BRIDGE TR |       |         |     | MAX.ACCEL.= 83,000(GAL) T= 7.30(SEC) |         |     |       | NO. 4  |     |       |        |
|--------------------------------------------|-------|---------|-----|--------------------------------------|---------|-----|-------|--------|-----|-------|--------|
| NO.                                        | (SEC) | (GAL)   | NO. | (SEC)                                | (GAL)   | NO. | (SEC) | (GAL)  | NO. | (SEC) | (GAL)  |
| 601                                        | 38.00 | 1,750   | 651 | 42.05                                | 8,000   | 701 | 45.70 | 1,750  | 751 | 49.40 | 8,000  |
| 602                                        | 38.10 | -23,250 | 652 | 42.10                                | 1,750   | 702 | 45.80 | 0,500  | 752 | 49.50 | 14,250 |
| 603                                        | 38.20 | -10,750 | 653 | 42.20                                | -13,250 | 703 | 45.90 | 3,000  | 753 | 49.60 | 9,250  |
| 604                                        | 38.25 | -17,000 | 654 | 42.25                                | -8,250  | 704 | 46.00 | -4,500 | 754 | 49.65 | 4,250  |
| 605                                        | 38.30 | -10,750 | 655 | 42.30                                | -14,500 | 705 | 46.05 | 4,250  | 755 | 49.70 | 5,500  |
| 606                                        | 38.35 | 1,750   | 656 | 42.40                                | -4,500  | 706 | 46.10 | 0,500  | 756 | 49.80 | -5,750 |
| 607                                        | 38.40 | -0,750  | 657 | 42.50                                | -3,250  | 707 | 46.15 | 6,750  | 757 | 49.90 | 1,750  |
| 608                                        | 38.50 | -7,000  | 658 | 42.55                                | -8,250  | 708 | 46.20 | -0,750 | 758 | 49.95 | -0,750 |
| 609                                        | 38.60 | 11,750  | 659 | 42.60                                | -7,000  | 709 | 46.25 | 1,750  | 759 | 50.00 | 1,750  |
| 610                                        | 38.70 | 8,000   | 660 | 42.70                                | -0,750  | 710 | 46.30 | -3,250 | 760 | 50.05 | 16,750 |
| 611                                        | 38.80 | 4,250   | 661 | 42.80                                | -8,250  | 711 | 46.40 | 13,000 | 761 | 50.10 | 14,250 |
| 612                                        | 38.90 | -0,750  | 662 | 42.90                                | 14,250  | 712 | 46.50 | 4,250  | 762 | 50.15 | 13,000 |
| 613                                        | 38.95 | 15,500  | 663 | 42.95                                | 8,000   | 713 | 46.55 | 14,250 | 763 | 50.20 | 16,750 |
| 614                                        | 39.00 | 4,750   | 664 | 43.00                                | 10,500  | 714 | 46.70 | 15,500 | 764 | 50.30 | 10,500 |
| 615                                        | 39.10 | 24,250  | 665 | 43.10                                | 1,750   | 715 | 46.80 | 14,250 | 765 | 50.40 | 5,500  |
| 616                                        | 39.15 | 1,750   | 666 | 43.14                                | 0,500   | 716 | 46.90 | 14,250 | 766 | 50.50 | -8,250 |
| 617                                        | 39.20 | -0,750  | 667 | 43.20                                | -24,250 | 717 | 46.95 | 16,750 | 767 | 50.60 | -4,500 |
| 618                                        | 39.30 | -65,750 | 668 | 43.30                                | 5,500   | 718 | 47.00 | 11,750 | 768 | 50.70 | -4,500 |
| 619                                        | 39.40 | -13,250 | 669 | 43.35                                | 21,750  | 719 | 47.10 | -0,750 | 769 | 50.80 | 8,000  |
| 620                                        | 39.50 | -15,750 | 670 | 43.40                                | 13,000  | 720 | 47.20 | 2,000  | 770 | 50.85 | 6,750  |
| 621                                        | 39.60 | 14,250  | 671 | 43.42                                | 11,750  | 721 | 47.25 | 3,000  | 771 | 50.90 | 9,250  |
| 622                                        | 39.70 | 13,000  | 672 | 43.43                                | 13,000  | 722 | 47.30 | -0,750 | 772 | 51.00 | 4,250  |
| 623                                        | 39.80 | 20,500  | 673 | 43.48                                | 13,000  | 723 | 47.40 | 1,750  | 773 | 51.10 | 8,000  |
| 624                                        | 39.90 | 24,250  | 674 | 43.50                                | 11,750  | 724 | 47.45 | -4,500 | 774 | 51.15 | 6,750  |
| 625                                        | 40.00 | 16,750  | 675 | 43.60                                | -0,750  | 725 | 47.50 | -2,000 | 775 | 51.20 | 9,250  |
| 626                                        | 40.08 | 14,250  | 676 | 43.65                                | 3,000   | 726 | 47.55 | 1,750  | 776 | 51.30 | 3,000  |
| 627                                        | 40.10 | 8,000   | 677 | 43.70                                | -2,000  | 727 | 47.60 | -2,000 | 777 | 51.40 | -0,750 |
| 628                                        | 40.15 | -12,000 | 678 | 43.80                                | 9,240   | 728 | 47.70 | -0,750 | 778 | 51.50 | -7,000 |
| 629                                        | 40.20 | -10,750 | 679 | 43.85                                | 1,750   | 729 | 47.80 | 1,750  | 779 | 51.55 | -9,500 |
| 630                                        | 40.30 | -4,500  | 680 | 43.90                                | 4,250   | 730 | 47.83 | 13,000 | 780 | 51.60 | -8,250 |
| 631                                        | 40.40 | -10,750 | 681 | 44.00                                | -4,500  | 731 | 47.90 | 4,250  | 781 | 51.70 | 3,000  |
| 632                                        | 40.50 | 3,000   | 682 | 44.10                                | 1,750   | 732 | 48.00 | 4,250  | 782 | 51.77 | -0,750 |
| 633                                        | 40.60 | 1,750   | 683 | 44.15                                | -10,750 | 733 | 48.10 | -0,750 | 783 | 51.80 | 0,500  |
| 634                                        | 40.65 | -8,250  | 684 | 44.20                                | -7,000  | 734 | 48.13 | 1,750  | 784 | 51.85 | 8,000  |
| 635                                        | 40.70 | 1,750   | 685 | 44.30                                | -9,500  | 735 | 48.20 | 1,750  | 785 | 51.90 | 3,000  |
| 636                                        | 40.75 | 11,750  | 686 | 44.40                                | 1,750   | 736 | 48.25 | 11,750 | 786 | 52.00 | 1,750  |
| 637                                        | 40.80 | -8,250  | 687 | 44.50                                | -4,500  | 737 | 48.30 | 1,750  | 787 | 52.10 | 1,750  |
| 638                                        | 40.90 | 8,000   | 688 | 44.60                                | 14,250  | 738 | 48.40 | 4,250  | 788 | 52.13 | 3,000  |
| 639                                        | 41.00 | -4,500  | 689 | 44.70                                | 8,000   | 739 | 48.50 | -8,250 | 789 | 52.20 | -2,000 |
| 640                                        | 41.10 | 14,250  | 690 | 44.75                                | 25,500  | 740 | 48.60 | -4,500 | 790 | 52.25 | 3,000  |
| 641                                        | 41.20 | 4,250   | 691 | 44.80                                | 20,500  | 741 | 48.65 | 4,250  | 791 | 52.30 | 0,500  |
| 642                                        | 41.30 | -0,750  | 692 | 44.90                                | 3,000   | 742 | 48.70 | 1,750  | 792 | 52.40 | -7,000 |
| 643                                        | 41.40 | -4,500  | 693 | 45.00                                | 8,000   | 743 | 48.80 | 11,750 | 793 | 52.50 | 4,250  |
| 644                                        | 41.45 | -12,000 | 694 | 45.10                                | 1,750   | 744 | 48.90 | 3,000  | 794 | 52.60 | 5,500  |
| 645                                        | 41.50 | -4,500  | 695 | 45.20                                | 3,000   | 745 | 49.00 | -0,750 | 795 | 52.65 | 13,000 |
| 646                                        | 41.60 | -4,500  | 696 | 45.30                                | -12,000 | 746 | 49.05 | 4,250  | 796 | 52.70 | 10,500 |
| 647                                        | 41.70 | 14,250  | 697 | 45.40                                | -4,500  | 747 | 49.10 | 1,750  | 797 | 52.80 | 15,500 |
| 648                                        | 41.80 | 1,750   | 698 | 45.50                                | -10,750 | 748 | 49.15 | 0,500  | 798 | 52.90 | 14,250 |
| 649                                        | 41.90 | 4,250   | 699 | 45.55                                | -0,750  | 749 | 49.20 | 5,500  | 799 | 53.00 | 10,500 |
| 650                                        | 42.00 | 3,000   | 700 | 45.60                                | -2,000  | 750 | 49.30 | -0,750 | 800 | 53.05 | 8,000  |

INDEX NO. 250 1302-GR-10 CHIYODA BRIDGE TR

MAX.ACCEL.= 83,000(GAL)

T= 7.30(SEC)

NO. 5

| NO. | (SEC) | (GAL)  |
|-----|-------|--------|
| 801 | 53.10 | 10,500 |
| 802 | 53.20 | 8,000  |
| 803 | 53.25 | 15,000 |
| 804 | 53.30 | 10,500 |
| 805 | 53.35 | 14,250 |
| 806 | 53.40 | 11,750 |
| 807 | 53.45 | 10,500 |
| 808 | 53.50 | 11,750 |
| 809 | 53.60 | 4,250  |
| 810 | 53.70 | 4,250  |

| NO. | (SEC) | (GAL)  |
|-----|-------|--------|
| 811 | 53.75 | 5,500  |
| 812 | 53.80 | 1,750  |
| 813 | 53.90 | -0,750 |
| 814 | 54.00 | 1,750  |
| 815 | 54.10 | 4,250  |
| 816 | 54.15 | 3,000  |
| 817 | 54.20 | 5,500  |
| 818 | 54.30 | 4,250  |
| 819 | 54.35 | 8,000  |
| 820 | 54.40 | 6,750  |

| NO. | (SEC) | (GAL)  |
|-----|-------|--------|
| 821 | 54.50 | 5,500  |
| 822 | 54.55 | 5,500  |
| 823 | 54.60 | 3,000  |
| 824 | 54.70 | -0,750 |
| 825 | 54.80 | -2,000 |
| 826 | 54.90 | 4,250  |
| 827 | 55.00 | 3,000  |
| 828 | 55.10 | 14,250 |
| 829 | 55.15 | 11,750 |
| 830 | 55.20 | 14,250 |

| NO. | (SEC) | (GAL)  |
|-----|-------|--------|
| 831 | 55.30 | 14,250 |
| 832 | 55.40 | 10,500 |
| 833 | 55.50 | 8,000  |
| 834 | 55.55 | 5,500  |
| 835 | 55.60 | 4,250  |
| 836 | 55.70 | 4,250  |
| 837 | 55.80 | 4,250  |
| 838 | 55.90 | 3,000  |
| 839 | 56.00 | 4,250  |

INDEX NO. 251 1303-GR-5 SHINISHIKARI B. TR

MAX.ACCEL.= 60,880(GAL)

T= 4.70(SEC)

NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|---------|
| 1   | 0     | -24,130 | 51  | 4.00  | -21,650 | 101 | 8.50  | -15,380 | 151 | 12.90 | 23,380  |
| 2   | 0.10  | 25,880  | 52  | 4.05  | -26,630 | 102 | 8.60  | -24,130 | 152 | 13.00 | 15,880  |
| 3   | 0.13  | 44,630  | 53  | 4.10  | -24,130 | 103 | 8.70  | -5,380  | 153 | 13.10 | -1,630  |
| 4   | 0.20  | 38,380  | 54  | 4.20  | 2,130   | 104 | 8.75  | 25,880  | 154 | 13.20 | -19,130 |
| 5   | 0.25  | 44,630  | 55  | 4.25  | 2,130   | 105 | 8.80  | 19,630  | 155 | 13.30 | 0,880   |
| 6   | 0.30  | -5,380  | 56  | 4.30  | 13,380  | 106 | 8.90  | 0,880   | 156 | 13.32 | 9,130   |
| 7   | 0.40  | -24,130 | 57  | 4.40  | -26,630 | 107 | 9.00  | -0,380  | 157 | 13.40 | 6,630   |
| 8   | 0.50  | -50,380 | 58  | 4.50  | -11,630 | 108 | 9.10  | 0,880   | 158 | 13.50 | -1,630  |
| 9   | 0.60  | -36,630 | 59  | 4.60  | 38,380  | 109 | 9.20  | -5,380  | 159 | 13.55 | 0,880   |
| 10  | 0.70  | -4,130  | 60  | 4.70  | 60,880  | 110 | 9.30  | -26,630 | 160 | 13.60 | -0,380  |
| 11  | 0.77  | -4,130  | 61  | 4.80  | 13,380  | 111 | 9.40  | 3,380   | 161 | 13.70 | 6,630   |
| 12  | 0.80  | 7,130   | 62  | 4.90  | -36,630 | 112 | 9.44  | 22,130  | 162 | 13.80 | 0,880   |
| 13  | 0.90  | 48,380  | 63  | 5.00  | -55,380 | 113 | 9.50  | 23,380  | 163 | 13.90 | -17,880 |
| 14  | 1.00  | 48,380  | 64  | 5.10  | -36,630 | 114 | 9.54  | 24,630  | 164 | 14.00 | -19,130 |
| 15  | 1.10  | 0,880   | 65  | 5.20  | 38,380  | 115 | 9.60  | 13,380  | 165 | 14.10 | -11,630 |
| 16  | 1.20  | -19,130 | 66  | 5.30  | 35,880  | 116 | 9.70  | 0,880   | 166 | 14.20 | 0,880   |
| 17  | 1.28  | -19,130 | 67  | 5.40  | 19,630  | 117 | 9.80  | -0,380  | 167 | 14.30 | 13,380  |
| 18  | 1.30  | -24,130 | 68  | 5.50  | -6,630  | 118 | 9.90  | -1,630  | 168 | 14.40 | 0,880   |
| 19  | 1.32  | -27,880 | 69  | 5.60  | -11,630 | 119 | 10.00 | 0,880   | 169 | 14.50 | 13,380  |
| 20  | 1.40  | -22,880 | 70  | 5.70  | -24,130 | 120 | 10.05 | 7,130   | 170 | 14.60 | 35,880  |
| 21  | 1.50  | -17,880 | 71  | 5.80  | -14,130 | 121 | 10.10 | 0,880   | 171 | 14.70 | -5,380  |
| 22  | 1.60  | 25,880  | 72  | 5.90  | -11,630 | 122 | 10.20 | -14,130 | 172 | 14.80 | -31,630 |
| 23  | 1.70  | -5,380  | 73  | 6.00  | 0,880   | 123 | 10.30 | -0,380  | 173 | 14.90 | -21,630 |
| 24  | 1.80  | -1,630  | 74  | 6.10  | 13,380  | 124 | 10.40 | 13,380  | 174 | 15.00 | 7,130   |
| 25  | 1.85  | 4,630   | 75  | 6.15  | 5,880   | 125 | 10.50 | 10,880  | 175 | 15.05 | 19,630  |
| 26  | 1.90  | 0,880   | 76  | 6.20  | 8,380   | 126 | 10.60 | 9,630   | 176 | 15.10 | 10,380  |
| 27  | 1.95  | -5,380  | 77  | 6.25  | 24,630  | 127 | 10.70 | 0,880   | 177 | 15.20 | 12,130  |
| 28  | 2.00  | -4,130  | 78  | 6.30  | 19,630  | 128 | 10.80 | -11,630 | 178 | 15.30 | 8,380   |
| 29  | 2.10  | -21,630 | 79  | 6.40  | 0,880   | 129 | 10.90 | -5,380  | 179 | 15.40 | 15,880  |
| 30  | 2.20  | -0,380  | 80  | 6.50  | -15,380 | 130 | 11.00 | 0,880   | 180 | 15.50 | 0,880   |
| 31  | 2.30  | 0,880   | 81  | 6.60  | -11,630 | 131 | 11.06 | 12,130  | 181 | 15.60 | -14,130 |
| 32  | 2.40  | 13,380  | 82  | 6.70  | -9,130  | 132 | 11.10 | 7,130   | 182 | 15.70 | -20,380 |
| 33  | 2.45  | 25,880  | 83  | 6.80  | 7,130   | 133 | 11.20 | -5,380  | 183 | 15.75 | -16,630 |
| 34  | 2.50  | 23,380  | 84  | 6.90  | 25,880  | 134 | 11.30 | 0,880   | 184 | 15.80 | -25,880 |
| 35  | 2.60  | -0,380  | 85  | 7.00  | 38,380  | 135 | 11.40 | -0,380  | 185 | 15.90 | -12,880 |
| 36  | 2.70  | -12,880 | 86  | 7.10  | -21,630 | 136 | 11.50 | 0,880   | 186 | 16.00 | 13,380  |
| 37  | 2.75  | -17,880 | 87  | 7.20  | -34,130 | 137 | 11.60 | 13,380  | 187 | 16.10 | 44,630  |
| 38  | 2.80  | -14,130 | 88  | 7.30  | -35,880 | 138 | 11.70 | -5,380  | 188 | 16.20 | 19,630  |
| 39  | 2.90  | 13,380  | 89  | 7.40  | 5,880   | 139 | 11.80 | -22,880 | 189 | 16.30 | -17,880 |
| 40  | 3.00  | 34,630  | 90  | 7.50  | 27,130  | 140 | 11.90 | -11,630 | 190 | 16.40 | -34,130 |
| 41  | 3.10  | 34,630  | 91  | 7.60  | 47,130  | 141 | 12.00 | -2,880  | 191 | 16.50 | -17,880 |
| 42  | 3.20  | 0,880   | 92  | 7.70  | 13,380  | 142 | 12.10 | 0,880   | 192 | 16.60 | 3,380   |
| 43  | 3.30  | -19,130 | 93  | 7.80  | -11,630 | 143 | 12.20 | 25,880  | 193 | 16.70 | 24,630  |
| 44  | 3.40  | -51,630 | 94  | 7.90  | -12,880 | 144 | 12.30 | 32,130  | 194 | 16.80 | 23,380  |
| 45  | 3.50  | -36,630 | 95  | 8.00  | -21,630 | 145 | 12.30 | 25,880  | 195 | 16.90 | 13,380  |
| 46  | 3.60  | 38,380  | 96  | 8.05  | -35,380 | 146 | 12.40 | 13,380  | 196 | 17.00 | -11,630 |
| 47  | 3.65  | 55,880  | 97  | 8.10  | -17,880 | 147 | 12.50 | -24,130 | 197 | 17.10 | -22,880 |
| 48  | 3.70  | 50,880  | 98  | 8.20  | -1,630  | 148 | 12.60 | -22,880 | 198 | 17.20 | -5,380  |
| 49  | 3.80  | 25,880  | 99  | 8.30  | 47,130  | 149 | 12.70 | -21,630 | 199 | 17.30 | 20,880  |
| 50  | 3.90  | -15,380 | 100 | 8.40  | 13,380  | 150 | 12.80 | 0,880   | 200 | 17.40 | 12,130  |

| INDEX NO. 251 1303-GR-5 SHINISHIKARI B. TR |         |           |         | MAX.ACCEL.= 60.880(GAL) | T= 4.70(SEC) | NO. 2     |         |           |        |
|--------------------------------------------|---------|-----------|---------|-------------------------|--------------|-----------|---------|-----------|--------|
| NO. (SEC)                                  | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC)               | (GAL)        | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)  |
| 201 17.50                                  | -14.130 | 251 22.10 | 0.880   | 301 26.90               | -11.630      | 351 31.80 | 13.380  | 401 36.70 | -1.630 |
| 202 17.60                                  | -10.380 | 252 22.20 | -11.630 | 302 27.00               | -11.630      | 352 31.90 | -5.380  | 402 36.80 | -1.630 |
| 203 17.70                                  | -11.630 | 253 22.30 | 12.130  | 303 27.10               | -1.630       | 353 32.00 | -16.630 | 403 36.90 | -1.630 |
| 204 17.80                                  | 14.630  | 254 22.35 | 13.380  | 304 27.20               | -0.380       | 354 32.10 | -12.880 | 404 37.00 | -1.630 |
| 205 17.90                                  | 14.630  | 255 22.40 | 12.130  | 305 27.30               | 5.880        | 355 32.20 | 7.130   | 405 37.10 | -1.630 |
| 206 18.00                                  | 14.630  | 256 22.50 | -12.880 | 306 27.40               | 4.630        | 356 32.30 | 13.380  | 406 37.20 | -1.630 |
| 207 18.04                                  | 9.630   | 257 22.60 | -30.380 | 307 27.50               | -1.630       | 357 32.40 | 13.380  | 407 37.30 | -1.630 |
| 208 18.10                                  | 13.380  | 258 22.70 | -24.130 | 308 27.60               | -11.630      | 358 32.50 | 14.630  | 408 37.40 | -1.630 |
| 209 18.20                                  | -9.130  | 259 22.80 | 0.880   | 309 27.70               | -9.130       | 359 32.60 | 13.380  | 409 37.50 | -1.630 |
| 210 18.30                                  | -24.130 | 260 22.90 | 25.880  | 310 27.80               | 0.880        | 360 32.70 | 7.130   | 410 37.60 | -1.630 |
| 211 18.40                                  | -11.630 | 261 23.00 | 38.380  | 311 27.90               | -5.380       | 361 32.80 | -5.380  | 411 37.70 | -1.630 |
| 212 18.50                                  | 19.630  | 262 23.10 | 25.880  | 312 28.00               | -1.630       | 362 32.90 | -9.130  | 412 37.80 | -1.630 |
| 213 18.60                                  | -5.380  | 263 23.20 | 0.880   | 313 28.10               | 0.880        | 363 33.00 | -5.380  | 413 37.90 | -1.630 |
| 214 18.70                                  | -12.880 | 264 23.30 | -11.630 | 314 28.20               | 9.630        | 364 33.10 | -9.630  | 414 38.00 | -1.630 |
| 215 18.80                                  | 0.880   | 265 23.40 | 0.880   | 315 28.30               | 7.130        | 365 33.20 | -7.880  | 415 38.10 | -1.630 |
| 216 18.90                                  | 14.630  | 266 23.50 | 13.380  | 316 28.40               | -0.380       | 366 33.30 | -10.380 | 416 38.20 | -1.630 |
| 217 19.00                                  | 2.130   | 267 23.60 | 12.130  | 317 28.50               | 0.880        | 367 33.40 | -9.130  | 417 38.30 | -1.630 |
| 218 19.10                                  | -1.630  | 268 23.70 | 9.630   | 318 28.60               | 24.630       | 368 33.50 | -1.630  | 418 38.40 | -1.630 |
| 219 19.20                                  | -10.380 | 269 23.80 | 2.130   | 319 28.70               | 23.380       | 369 33.60 | 0.880   | 419 38.50 | -1.630 |
| 220 19.30                                  | -1.630  | 270 23.90 | -15.380 | 320 28.80               | 3.380        | 370 33.70 | 10.880  | 420 38.60 | -1.630 |
| 221 19.40                                  | 8.380   | 271 24.00 | -30.380 | 321 28.90               | -11.630      | 371 33.80 | 18.130  | 421 38.70 | -1.630 |
| 222 19.50                                  | 33.380  | 272 24.05 | -34.130 | 322 29.00               | -12.880      | 372 33.90 | 9.630   | 422 38.80 | -1.630 |
| 223 19.60                                  | 19.630  | 273 24.10 | -30.380 | 323 29.10               | -17.880      | 373 34.00 | 0.880   | 423 38.90 | -1.630 |
| 224 19.70                                  | 7.130   | 274 24.20 | 3.380   | 324 29.20               | -0.880       | 374 34.10 | 0.880   | 424 39.00 | -1.630 |
| 225 19.80                                  | -9.130  | 275 24.30 | -0.380  | 325 29.30               | 0.880        | 375 34.20 | 5.880   | 425 39.10 | -1.630 |
| 226 19.83                                  | -0.380  | 276 24.40 | 24.630  | 326 29.36               | 2.130        | 376 34.30 | -0.380  | 426 39.20 | -1.630 |
| 227 19.90                                  | -9.130  | 277 24.50 | 12.130  | 327 29.40               | 5.880        | 377 34.40 | -1.630  | 427 39.30 | -1.630 |
| 228 20.00                                  | -17.880 | 278 24.60 | -11.630 | 328 29.50               | 10.880       | 378 34.50 | -0.380  | 428 39.40 | -1.630 |
| 229 20.10                                  | -11.630 | 279 24.70 | -22.880 | 329 29.60               | 7.130        | 379 34.60 | 0.880   | 429 39.50 | -1.630 |
| 230 20.20                                  | 12.130  | 280 24.80 | -11.630 | 330 29.70               | 0.880        | 380 34.70 | 2.130   | 430 39.60 | -1.630 |
| 231 20.30                                  | 0.880   | 281 24.90 | 12.130  | 331 29.80               | 3.380        | 381 34.80 | -1.630  | 431 39.70 | -1.630 |
| 232 20.40                                  | -17.880 | 282 25.00 | 40.880  | 332 29.90               | 0.880        | 382 34.90 | -0.380  | 432 39.80 | -1.630 |
| 233 20.50                                  | 24.130  | 283 25.10 | 34.630  | 333 30.00               | -4.130       | 383 35.00 | 0.880   | 433 39.90 | -1.630 |
| 234 20.60                                  | -17.880 | 284 25.20 | 12.130  | 334 30.10               | -5.380       | 384 35.10 | 5.880   | 434 40.00 | -1.630 |
| 235 20.70                                  | 5.880   | 285 25.30 | -11.630 | 335 30.20               | -1.630       | 385 35.20 | 7.130   | 435 40.10 | -1.630 |
| 236 20.80                                  | 30.880  | 286 25.40 | 14.130  | 336 30.30               | 0.880        | 386 35.30 | 5.880   | 436 40.20 | -1.630 |
| 237 20.85                                  | 35.880  | 287 25.50 | -12.880 | 337 30.40               | -0.380       | 387 35.40 | -4.130  | 437 40.30 | -1.630 |
| 238 20.90                                  | 25.880  | 288 25.60 | -15.380 | 338 30.50               | 0.880        | 388 35.50 | -12.880 | 438 40.40 | -1.630 |
| 239 21.00                                  | 0.880   | 289 25.70 | -11.630 | 339 30.60               | 0.880        | 389 35.60 | -11.630 | 439 40.50 | -1.630 |
| 240 21.10                                  | -11.630 | 290 25.80 | -6.630  | 340 30.70               | -0.380       | 390 35.70 | -9.130  | 440 40.60 | -1.630 |
| 241 21.20                                  | -0.380  | 291 25.90 | 0.880   | 341 30.80               | -2.880       | 391 35.80 | -7.880  | 441 40.70 | -1.630 |
| 242 21.30                                  | 8.380   | 292 26.00 | 8.380   | 342 30.90               | -5.380       | 392 35.90 | -6.630  | 442 40.80 | -1.630 |
| 243 21.35                                  | 13.380  | 293 26.10 | 15.880  | 343 31.00               | -0.380       | 393 36.00 | -0.380  | 443 40.90 | -1.630 |
| 244 21.40                                  | 12.130  | 294 26.20 | 0.880   | 344 31.10               | -2.880       | 394 36.10 | 4.630   | 444 41.00 | -1.630 |
| 245 21.50                                  | 0.880   | 295 26.30 | 0.880   | 345 31.20               | -1.630       | 395 36.20 | 14.630  | 445 41.10 | -1.630 |
| 246 21.60                                  | -14.130 | 296 26.40 | 13.380  | 346 31.30               | -14.130      | 396 36.30 | 3.130   | 446 41.20 | -1.630 |
| 247 21.70                                  | -11.630 | 297 26.50 | 15.880  | 347 31.40               | -12.880      | 397 36.40 | 13.380  | 447 41.30 | -1.630 |
| 248 21.80                                  | 5.880   | 298 26.60 | 14.630  | 348 31.50               | -1.630       | 398 36.50 | -9.130  | 448 41.40 | -1.630 |
| 249 21.90                                  | 9.630   | 299 26.70 | 12.130  | 349 31.60               | 13.380       | 399 36.60 | -21.630 | 449 41.50 | -1.630 |
| 250 22.00                                  | 12.130  | 300 26.80 | 3.380   | 350 31.70               | 24.630       | 400 36.70 | -22.880 | 450 41.60 | -1.630 |

| INDEX NO. 251 1303-GR-5 SHINISHIKARI B. TR |         |           |         | MAX.ACCEL.= 60.880(GAL) | T= 4.70(SEC) | NO. 3     |        |           |        |
|--------------------------------------------|---------|-----------|---------|-------------------------|--------------|-----------|--------|-----------|--------|
| NO. (SEC)                                  | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC)               | (GAL)        | NO. (SEC) | (GAL)  | NO. (SEC) | (GAL)  |
| 401 36.70                                  | -15.380 | 451 41.50 | -20.380 | 501 46.50               | -0.380       | 551 51.50 | 2.130  | 601 56.50 | -0.380 |
| 402 36.80                                  | -4.130  | 452 41.60 | -10.380 | 502 46.60               | -6.630       | 552 51.60 | -0.380 | 602 56.60 | -0.380 |
| 403 36.90                                  | 9.630   | 453 41.70 | -7.880  | 503 46.70               | -6.630       | 553 51.70 | -4.130 | 603 56.70 | -0.380 |
| 404 36.95                                  | 12.130  | 454 41.80 | -9.130  | 504 46.80               | -6.630       | 554 51.80 | -5.380 | 604 56.80 | -0.380 |
| 405 37.00                                  | 10.880  | 455 41.90 | -7.880  | 505 46.90               | -7.880       | 555 51.90 | -6.630 | 605 56.90 | -0.380 |
| 406 37.10                                  | 3.880   | 456 42.00 | -6.630  | 506 47.00               | -9.130       | 556 52.00 | -6.630 | 606 57.00 | -0.380 |
| 407 37.20                                  | 5.380   | 457 42.10 | -1.630  | 507 47.10               | -9.130       | 557 52.10 | -7.880 | 607 57.10 | -0.380 |
| 408 37.30                                  | -6.630  | 458 42.20 | 3.380   | 508 47.20               | 9.380        | 558 52.20 | -9.130 | 608 57.20 | -0.380 |
| 409 37.40                                  | -4.130  | 459 42.30 | 7.130   | 509 47.30               | -4.130       | 559 52.30 | -7.880 | 609 57.30 | -0.380 |
| 410 37.50                                  | -0.380  | 460 42.40 | 5.880   | 510 47.40               | -2.880       | 560 52.40 | -2.880 | 610 57.40 | -0.380 |
| 411 37.60                                  | -1.630  | 461 42.50 | 4.630   | 511 47.50               | -7.880       | 561 52.50 | -0.380 | 611 57.50 | -0.380 |
| 412 37.70                                  | -7.880  | 462 42.60 | -0.380  | 512 47.60               | -9.130       | 562 52.60 | -2.880 | 612 57.60 | -0.380 |
| 413 37.80                                  | -7.880  | 463 42.70 | -7.880  | 513 47.70               | -5.380       | 563 52.70 | -7.880 | 613 57.70 | -0.380 |
| 414 37.90                                  | 4.630   | 464 42.80 | -6.630  | 514 47.80               | 3.380        | 564 52.80 | -7.880 | 614 57.80 | -0.380 |
| 415 38.00                                  | 5.880   | 465 42.90 | -2.880  | 515 47.90               | 4.630        | 565 52.90 | -6.630 | 615 57.90 | -0.380 |
| 416 38.10                                  | 0.880   | 466 43.00 | 3.380   | 516 48.00               | -0.380       | 566 53.00 | -0.380 | 616 58.00 | -0.380 |
| 417 38.20                                  | -2.880  | 467 43.10 | 0.880   | 517 48.10               | -5.380       | 567 53.10 | 3.380  | 617 58.10 | -0.380 |
| 418 38.30                                  | -5.380  | 468 43.20 | -7.880  | 518 48.20               | -6.630       | 568 53.20 | 4.630  | 618 58.20 | -0.380 |
| 419 38.40                                  | -7.880  | 469 43.30 | -10.380 | 519 48.30               | -6.630       | 569 53.30 | 2.130  | 619 58.30 | -0.380 |
| 420 38.50                                  | -0.380  | 470 43.40 | -7.880  | 520 48.40               | -0.380       | 570 53.40 | -1.630 | 620 58.40 | -0.380 |
| 421 38.60                                  | -1.630  | 471 43.50 | 2.130   | 521 48.43               | -2.130       | 571 53.40 | -5.380 | 621 58.40 | -0.380 |
| 422 38.70                                  | -2.880  | 472 43.60 | 4.630   | 522 48.50               | -0.380       | 572 53.50 | -5.380 | 622 58.50 | -0.380 |
| 423 38.80                                  | -5.380  | 473 43.70 | 10.880  | 523 48.60               | -2.880       | 573 53.60 | -5.380 | 623 58.60 | -0.380 |
| 424 38.90                                  | 3.380   | 474 43.80 | 12.130  | 524 48.70               | -7.880       | 574 53.70 | -4.130 | 624 58.70 | -0.380 |
| 425 39.00                                  | 4.630   | 475 43.90 | 3.380   | 525 48.80               | -6.630       | 575 53.80 | -2.880 | 625 58.80 | -0.380 |
| 426 39.10                                  | 5.880   | 476 44.00 | -12.880 | 526 48.90               | -4.130       | 576 53.90 | -4.130 | 626 58.90 | -0.380 |
| 427 39.20                                  | -5.380  | 477 44.10 | -14.130 | 527 49.00               | -2.130       | 577 54.00 | -5.380 | 627 59.00 | -0.380 |
| 428 39.30                                  | -6.630  | 478 44.20 | -1.130  | 528 49.10               | 3.380        | 578 54.10 | -4.130 | 628 59.10 | -0.380 |
| 429 39.40                                  | -5.380  | 479 44.30 | -1.630  | 529 49.20               | 2.130        | 579 54.20 | -0.380 | 629 59.20 | -0.380 |
| 430 39.50                                  | -2.880  | 480 44.40 | 3.380   | 530 49.30               | -1.630       | 580 54.30 | -1.630 | 630 59.30 | -0.380 |
| 431 39.60                                  | 4.630   | 481 44.50 | 3.380   | 531 49.40               | -7.880       | 581 54.40 | 0.880  | 631 59.40 | -0.380 |
| 432 39.70                                  | 5.880   | 482 44.60 | -0.380  | 532 49.50               | -7.880       | 582 54.50 | -0.380 | 632 59.50 | -0.380 |
| 433 39.80                                  | -4.130  | 483 44.70 | 0.880   | 533 49.60               | -6.630       | 583 54.60 | -1.630 | 633 59.60 | -0.380 |
| 434 39.90                                  | -10.380 | 484 44.80 | 2.130   | 534 49.70               | -6.630       | 584 54.70 | -2.880 | 634 59.70 | -0.380 |
| 435 40.00                                  | -15.380 | 485 44.90 | -0.380  | 535 49.80               | -9.130       | 585 54.80 | -1.630 | 635 59.80 | -0.380 |
| 436 40.10                                  | -19.130 | 486 45.00 | -2.880  | 536 49.90               | -9.130       | 586 54.90 | -2.880 | 636 59.90 | -0.380 |
| 437 40.20                                  | -10.380 | 487 45.10 | -5.380  | 537 50.00               | -7.880       | 587 55.00 | -5.380 | 637 60.00 | -0.380 |
| 438 40.30                                  | 4.630   | 488 45.20 | -4.130  | 538 50.10               | -2.880       | 588 55.10 | -2.880 | 638 60.10 | -0.380 |
| 439 40.40                                  | 15.880  | 489 45.30 | -5.380  | 539 50.20               | 3.380        | 589 55.20 | -2.880 | 639 60.20 | -0.380 |
| 440 40.45                                  | 17.130  | 490 45.40 | -6.630  | 540 50.30               | 2.130        | 590 55.30 | -2.880 | 640 60.30 | -0.380 |
| 441 40.50                                  | 15.880  | 491 45.50 | -7.880  | 541 50.40               | 0.880        | 591 55.40 | -2.880 | 641 60.40 | -0.380 |
| 442 40.60                                  | 4.630   | 492 45.60 | -7.880  | 542 50.50               | -0.380       | 592 55.50 | -2.880 | 642 60.50 | -0.380 |
| 443 40.70                                  | -10.380 | 493 45.70 | -10.380 | 543 50.60               | -0.380       | 593 55.60 | -2.880 | 643 60.60 | -0.380 |
| 444 40.80                                  | -10.380 | 494 45.80 | -17.880 | 544 50.70               | 2.130        | 594 55.70 | -2.880 | 644 60.70 | -0.38  |

INDEX NO. 252 1303-GR-5 SHINISHIKARI B, LG MAX.ACCEL.= -72.750(GAL) T= 5.50(SEC) NO. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 1 0.      | -12,750 | 51 4.40   | -7,750  | 101 8.70  | -45,250 | 151 12.90 | -0,250  |
| 2 0.10    | -32,750 | 52 4.80   | -29,000 | 102 8.80  | -25,250 | 152 13.00 | 4,750   |
| 3 0.20    | -18,500 | 53 4.60   | -46,500 | 103 8.90  | -0,250  | 153 13.05 | 8,500   |
| 4 0.25    | -0,250  | 54 4.65   | -30,250 | 104 9.00  | 22,500  | 154 13.10 | -2,750  |
| 5 0.30    | -11,500 | 55 4.70   | -40,250 | 105 9.10  | 19,750  | 155 13.20 | -21,500 |
| 6 0.40    | 31,000  | 56 4.80   | -9,000  | 106 9.20  | 28,500  | 156 13.30 | -4,000  |
| 7 0.43    | 37,250  | 57 4.87   | 8,500   | 107 9.30  | 8,500   | 157 13.40 | 31,000  |
| 8 0.50    | -0,250  | 58 4.90   | 6,000   | 108 9.40  | -21,500 | 158 13.45 | 41,000  |
| 9 0.60    | -19,000 | 59 5.00   | 7,250   | 109 9.45  | -29,000 | 159 13.50 | 28,500  |
| 10 0.70   | -21,500 | 60 5.10   | 19,750  | 110 9.50  | -21,500 | 160 13.60 | 6,000   |
| 11 0.80   | -19,000 | 61 5.20   | 31,000  | 111 9.60  | 3,500   | 161 13.70 | -34,000 |
| 12 0.90   | 12,500  | 62 5.25   | 41,000  | 112 9.65  | 8,500   | 162 13.80 | -30,250 |
| 13 0.95   | 25,500  | 63 5.30   | 22,250  | 113 9.70  | -0,250  | 163 13.90 | -25,250 |
| 14 1.00   | 17,250  | 64 5.40   | -25,250 | 114 9.80  | -16,500 | 164 14.00 | -4,000  |
| 15 1.10   | 8,500   | 65 5.50   | -72,750 | 115 9.90  | -30,250 | 165 14.10 | -4,000  |
| 16 1.20   | -25,250 | 66 5.60   | -25,250 | 116 10.00 | -21,500 | 166 14.20 | 22,250  |
| 17 1.30   | -6,500  | 67 5.70   | 18,500  | 117 10.10 | -12,750 | 167 14.30 | 28,500  |
| 18 1.40   | 22,250  | 68 5.80   | 43,500  | 118 10.17 | 12,250  | 168 14.35 | 37,250  |
| 19 1.45   | 36,000  | 69 5.90   | 41,000  | 119 10.20 | 12,250  | 169 14.40 | 12,250  |
| 20 1.50   | 21,000  | 70 6.00   | 8,500   | 120 10.30 | 24,750  | 170 14.50 | -12,950 |
| 21 1.60   | -0,250  | 71 6.10   | -37,750 | 121 10.35 | 37,250  | 171 14.55 | -15,250 |
| 22 1.70   | -34,000 | 72 6.20   | -59,000 | 122 10.40 | 18,500  | 172 14.60 | -12,750 |
| 23 1.80   | -66,250 | 73 6.30   | -45,250 | 123 10.50 | -4,000  | 173 14.70 | -0,250  |
| 24 1.90   | -44,000 | 74 6.40   | -12,750 | 124 10.60 | -25,250 | 174 14.80 | -6,500  |
| 25 2.00   | -12,500 | 75 6.50   | 18,500  | 125 10.65 | -30,250 | 175 14.90 | -6,500  |
| 26 2.10   | 42,250  | 76 6.60   | 31,000  | 126 10.70 | -26,500 | 176 15.00 | -0,000  |
| 27 2.20   | 18,500  | 77 6.70   | 32,250  | 127 10.80 | -6,500  | 177 15.10 | -1,500  |
| 28 2.30   | 18,500  | 78 6.80   | -31,500 | 128 10.90 | -2,750  | 178 15.20 | -19,000 |
| 29 2.40   | -0,250  | 79 6.90   | -45,250 | 129 11.00 | 14,750  | 179 15.30 | -9,000  |
| 30 2.50   | -17,750 | 80 7.00   | -75,250 | 130 11.10 | 17,250  | 180 15.40 | -11,500 |
| 31 2.60   | -21,500 | 81 7.10   | 12,250  | 131 11.20 | -9,000  | 181 15.50 | 4,750   |
| 32 2.70   | -12,750 | 82 7.15   | 21,000  | 132 11.25 | -12,750 | 182 15.60 | 6,000   |
| 33 2.80   | 43,500  | 83 7.20   | 8,500   | 133 11.30 | -9,000  | 183 15.70 | 33,500  |
| 34 2.90   | -19,000 | 84 7.30   | 4,750   | 134 11.40 | 2,250   | 184 15.75 | 39,750  |
| 35 3.00   | -20,250 | 85 7.40   | 8,500   | 135 11.50 | -6,400  | 185 15.80 | 37,250  |
| 36 3.10   | -16,500 | 86 7.45   | 16,000  | 136 11.60 | -31,500 | 186 15.90 | -6,500  |
| 37 3.20   | -21,500 | 87 7.50   | -0,250  | 137 11.70 | -12,750 | 187 16.00 | -19,000 |
| 38 3.25   | -25,250 | 88 7.60   | -12,750 | 138 11.80 | 6,000   | 188 16.10 | -34,000 |
| 39 3.30   | -22,750 | 89 7.70   | -34,000 | 139 11.90 | 18,500  | 189 16.20 | -21,500 |
| 40 3.40   | -4,000  | 90 7.80   | -27,750 | 140 11.95 | 32,250  | 190 16.30 | -16,500 |
| 41 3.50   | 31,000  | 91 7.90   | -2,750  | 141 12.00 | 29,750  | 191 16.40 | -6,500  |
| 42 3.60   | 22,250  | 92 8.00   | 43,500  | 142 12.10 | -4,000  | 192 16.50 | 12,250  |
| 43 3.70   | 6,000   | 93 8.05   | 52,250  | 143 12.20 | -19,000 | 193 16.60 | 24,750  |
| 44 3.80   | -12,750 | 94 8.10   | 36,000  | 144 12.30 | 3,500   | 194 16.65 | 31,000  |
| 45 3.90   | -34,000 | 95 8.20   | 29,750  | 145 12.40 | 6,000   | 195 16.70 | 28,500  |
| 46 4.00   | -12,750 | 96 8.30   | 18,500  | 146 12.50 | -6,500  | 196 16.80 | 18,500  |
| 47 4.10   | 31,000  | 97 8.40   | 3,500   | 147 12.55 | -19,000 | 197 16.90 | -19,000 |
| 48 4.15   | 43,500  | 98 8.50   | -32,750 | 148 12.60 | -15,250 | 198 17.00 | -50,250 |
| 49 4.20   | 29,750  | 99 8.57   | -30,250 | 149 12.70 | 3,500   | 199 17.10 | -25,250 |
| 50 4.30   | 24,750  | 100 8.60  | -34,000 | 150 12.80 | 2,250   | 200 17.20 | 8,500   |

INDEX NO. 252 1303-GR-5 SHINISHIKARI B, LG MAX.ACCEL.= -72.750(GAL) T= 5.50(SEC) NO. 2

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 201 17.30 | 15,750  | 251 21.65 | 18,500  | 301 26.10 | 17,250  | 351 30.50 | -7,750  |
| 202 17.40 | 14,000  | 252 21.70 | 12,250  | 302 26.15 | 7,250   | 352 30.60 | -4,000  |
| 203 17.50 | 9,750   | 253 21.80 | 6,000   | 303 26.30 | 6,000   | 353 30.70 | 8,500   |
| 204 17.60 | -19,000 | 254 21.90 | 4,750   | 304 26.40 | 1,000   | 354 30.80 | 18,500  |
| 205 17.70 | -19,000 | 255 22.00 | 3,500   | 305 26.50 | -11,500 | 355 30.90 | 19,750  |
| 206 17.80 | -6,500  | 256 22.10 | -6,500  | 306 26.60 | -7,750  | 356 31.00 | 18,500  |
| 207 17.90 | 18,500  | 257 22.20 | 3,500   | 307 26.70 | 3,400   | 357 31.10 | 12,250  |
| 208 18.00 | 4,750   | 258 22.25 | 7,250   | 308 26.80 | 17,250  | 358 31.20 | 1,000   |
| 209 18.10 | 8,500   | 259 22.30 | 6,000   | 309 26.90 | 21,000  | 359 31.30 | 1,000   |
| 210 18.20 | -9,000  | 260 22.40 | 4,750   | 310 27.00 | 18,500  | 360 31.40 | 1,000   |
| 211 18.30 | -20,250 | 261 22.50 | 4,750   | 311 27.10 | 12,250  | 361 31.50 | 1,000   |
| 212 18.35 | -21,500 | 262 22.60 | -6,500  | 312 27.20 | -6,500  | 362 31.60 | 1,000   |
| 213 18.40 | -16,500 | 263 22.65 | 6,000   | 313 27.30 | -12,750 | 363 31.70 | -9,250  |
| 214 18.50 | 17,250  | 264 22.70 | 8,500   | 314 27.40 | -9,000  | 364 31.75 | 3,500   |
| 215 18.60 | 28,500  | 265 22.80 | 18,500  | 315 27.50 | -1,500  | 365 31.80 | 1,000   |
| 216 18.70 | -4,000  | 266 22.90 | 27,250  | 316 27.57 | 6,000   | 366 31.90 | -6,500  |
| 217 18.80 | -24,000 | 267 23.00 | 18,500  | 317 27.60 | 4,750   | 367 32.00 | -6,500  |
| 218 18.85 | -25,250 | 268 23.10 | -6,500  | 318 27.70 | 3,500   | 368 32.10 | -4,000  |
| 219 18.90 | -22,750 | 269 23.20 | -21,500 | 319 27.80 | 12,250  | 369 32.20 | 3,500   |
| 220 19.00 | -16,500 | 270 23.30 | -21,500 | 320 27.90 | 18,500  | 370 32.30 | 11,000  |
| 221 19.10 | -6,500  | 271 23.40 | -16,500 | 321 28.00 | 12,250  | 371 32.40 | 13,500  |
| 222 19.20 | -7,750  | 272 23.50 | -9,250  | 322 28.10 | -6,500  | 372 32.50 | 12,250  |
| 223 19.30 | 3,500   | 273 23.60 | 27,250  | 323 28.20 | -9,000  | 373 32.60 | 1,000   |
| 224 19.40 | 18,500  | 274 23.70 | 29,750  | 324 28.30 | -9,000  | 374 32.70 | -11,500 |
| 225 19.50 | 24,750  | 275 23.80 | 18,500  | 325 28.40 | 6,000   | 375 32.80 | -0,250  |
| 226 19.60 | -0,250  | 276 23.90 | -0,250  | 326 28.50 | 21,000  | 376 32.90 | 6,000   |
| 227 19.70 | -32,750 | 277 24.00 | -16,500 | 327 28.60 | 22,250  | 377 33.00 | 16,000  |
| 228 19.80 | -40,250 | 278 24.10 | -19,000 | 328 28.70 | 9,750   | 378 33.10 | 21,000  |
| 229 19.90 | -31,500 | 279 24.20 | -6,500  | 329 28.80 | 6,000   | 379 33.20 | 16,000  |
| 230 20.00 | -5,250  | 280 24.30 | 17,250  | 330 28.85 | 6,000   | 380 33.30 | 6,000   |
| 231 20.10 | 16,000  | 281 24.40 | 19,750  | 331 28.90 | 2,250   | 381 33.40 | 4,750   |
| 232 20.15 | 22,250  | 282 24.50 | 18,500  | 332 29.00 | -5,250  | 382 33.50 | 3,500   |
| 233 20.20 | 18,500  | 283 24.60 | 6,000   | 333 29.10 | -9,000  | 383 33.60 | 6,000   |
| 234 20.30 | 13,500  | 284 24.70 | -0,250  | 334 29.15 | -12,750 | 384 33.70 | 7,250   |
| 235 20.40 | 13,500  | 285 24.80 | -4,000  | 335 29.20 | -7,750  | 385 33.80 | -0,250  |
| 236 20.50 | 9,750   | 286 24.90 | -1,500  | 336 29.30 | 12,250  | 386 33.90 | 1,000   |
| 237 20.60 | 4,750   | 287 25.00 | 3,500   | 337 29.35 | 16,000  | 387 34.00 | 3,500   |
| 238 20.70 | -6,500  | 288 25.10 | 12,250  | 338 29.40 | 13,500  | 388 34.10 | 6,000   |
| 239 20.80 | -7,750  | 289 25.13 | 13,800  | 339 29.50 | 12,250  | 389 34.20 | 3,500   |
| 240 20.90 | -9,000  | 290 25.20 | 6,500   | 340 29.60 | -6,500  | 390 34.30 | -4,000  |
| 241 21.00 | -12,750 | 291 25.30 | -4,000  | 341 29.70 | -4,000  | 391 34.40 | -11,500 |
| 242 21.05 | -14,000 | 292 25.35 | -7,750  | 342 29.80 | 6,000   | 392 34.50 | 3,500   |
| 243 21.10 | -4,000  | 293 25.40 | -6,500  | 343 29.90 | 12,250  | 393 34.60 | 7,250   |
| 244 21.20 | -2,750  | 294 25.50 | 3,500   | 344 30.00 | 12,250  | 394 34.70 | 11,000  |
| 245 21.30 | -0,250  | 295 25.60 | -1,500  | 345 30.03 | 11,000  | 395 34.80 | 8,500   |
| 246 21.40 | 2,250   | 296 25.70 | 7,250   | 346 30.10 | 12,250  | 396 34.90 | 1,000   |
| 247 21.45 | 9,750   | 297 25.80 | 6,000   | 347 30.15 | 18,500  | 397 35.00 | -6,500  |
| 248 21.50 | 9,750   | 298 25.90 | 4,750   | 348 30.20 | 17,250  | 398 35.10 | -7,000  |
| 249 21.55 | 9,750   | 299 26.00 | 16,000  | 349 30.30 | 6,000   | 399 35.20 | -6,500  |
| 250 21.60 | 12,250  | 300 26.08 | 18,500  | 350 30.40 | -6,500  | 400 35.30 | 6,000   |

| INDEX NO. 252 |       | 1303-QR-5 | SHINISHIKARI B. LG |       | MAX.ACCEL.= -72.750(GAL) |     | T= 5.50(SEC) |         | NO. 3 |       |         |
|---------------|-------|-----------|--------------------|-------|--------------------------|-----|--------------|---------|-------|-------|---------|
| NO.           | (SEC) | (GAL)     | NO.                | (SEC) | (GAL)                    | NO. | (SEC)        | (GAL)   | NO.   | (SEC) | (GAL)   |
| 401           | 35.40 | 18,500    | 451                | 40.10 | 8,500                    | 501 | 44.50        | 1,000   | 551   | 49.30 | -6,500  |
| 402           | 35.45 | 24,750    | 452                | 40.20 | 8,500                    | 502 | 44.60        | -4,000  | 552   | 49.40 | -6,500  |
| 403           | 35.50 | 22,250    | 453                | 40.30 | 4,750                    | 503 | 44.70        | -7,750  | 553   | 49.50 | -5,250  |
| 404           | 35.60 | 3,500     | 454                | 40.40 | -2,750                   | 504 | 44.80        | -12,750 | 554   | 49.60 | -4,000  |
| 405           | 35.70 | 4,750     | 455                | 40.50 | -2,750                   | 505 | 44.90        | -16,500 | 555   | 49.70 | -5,250  |
| 406           | 35.80 | 8,500     | 456                | 40.60 | -2,750                   | 506 | 45.00        | -16,500 | 556   | 49.80 | -6,500  |
| 407           | 35.90 | 16,000    | 457                | 40.70 | -4,000                   | 507 | 45.10        | -6,500  | 557   | 49.90 | -7,750  |
| 408           | 36.00 | 12,250    | 458                | 40.80 | -7,750                   | 508 | 45.20        | -0,250  | 558   | 50.00 | -7,750  |
| 409           | 36.10 | 6,000     | 459                | 40.85 | -9,000                   | 509 | 45.30        | 6,000   | 559   | 50.10 | -6,500  |
| 410           | 36.20 | 3,500     | 460                | 40.90 | -7,750                   | 510 | 45.40        | 3,500   | 560   | 50.20 | -6,500  |
| 411           | 36.30 | -2,750    | 461                | 41.00 | -5,250                   | 511 | 45.50        | -1,500  | 561   | 50.30 | -5,250  |
| 412           | 36.40 | -7,750    | 462                | 41.10 | 4,750                    | 512 | 45.60        | -1,500  | 562   | 50.40 | -6,500  |
| 413           | 36.50 | -0,250    | 463                | 41.20 | 9,750                    | 513 | 45.70        | 2,250   | 563   | 50.50 | -10,250 |
| 414           | 36.60 | 8,500     | 464                | 41.25 | 12,250                   | 514 | 45.80        | 4,750   | 564   | 50.60 | -16,500 |
| 415           | 36.70 | 8,500     | 465                | 41.30 | 9,750                    | 515 | 45.90        | 6,000   | 565   | 50.70 | -16,500 |
| 416           | 36.80 | 7,250     | 466                | 41.40 | 6,000                    | 516 | 46.00        | 4,750   | 566   | 50.80 | -7,750  |
| 417           | 36.90 | 4,750     | 467                | 41.50 | 3,500                    | 517 | 46.10        | 3,500   | 567   | 50.90 | 2,250   |
| 418           | 37.00 | -0,250    | 468                | 41.60 | 2,250                    | 518 | 46.20        | 2,250   | 568   | 51.00 | 4,750   |
| 419           | 37.10 | -5,250    | 469                | 41.70 | 1,000                    | 519 | 46.30        | -4,000  | 569   | 51.10 | 3,500   |
| 420           | 37.20 | -5,250    | 470                | 41.75 | -0,250                   | 520 | 46.40        | -7,750  | 570   | 51.20 | -1,500  |
| 421           | 37.30 | -5,250    | 471                | 41.80 | 1,000                    | 521 | 46.50        | -6,500  | 571   | 51.30 | -1,500  |
| 422           | 37.40 | -0,250    | 472                | 41.90 | 3,500                    | 522 | 46.60        | -5,250  | 572   | 51.40 | -1,500  |
| 423           | 37.50 | 3,500     | 473                | 41.96 | 6,000                    | 523 | 46.70        | -2,750  | 573   | 51.50 | -1,500  |
| 424           | 37.60 | 1,000     | 474                | 42.00 | 4,750                    | 524 | 46.75        | -2,750  | 574   | 51.60 | -0,250  |
| 425           | 37.70 | -2,750    | 475                | 42.10 | 3,500                    | 525 | 46.80        | -4,000  | 575   | 51.70 | -1,500  |
| 426           | 37.80 | -1,500    | 476                | 42.20 | 2,250                    | 526 | 46.90        | -6,500  | 576   | 51.80 | -2,750  |
| 427           | 37.90 | -0,250    | 477                | 42.25 | 2,250                    | 527 | 47.00        | -7,750  | 577   | 51.90 | -6,500  |
| 428           | 38.00 | 7,250     | 478                | 42.30 | -1,500                   | 528 | 47.06        | -12,750 | 578   | 52.00 | -9,000  |
| 429           | 38.10 | 12,250    | 479                | 42.40 | -9,000                   | 529 | 47.10        | -11,500 | 579   | 52.10 | -6,500  |
| 430           | 38.15 | 14,750    | 480                | 42.50 | -17,500                  | 530 | 47.20        | -5,250  | 580   | 52.20 | -4,000  |
| 431           | 38.20 | 12,250    | 481                | 42.60 | -15,250                  | 531 | 47.30        | -0,250  | 581   | 52.30 | 1,000   |
| 432           | 38.30 | -0,250    | 482                | 42.70 | -6,500                   | 532 | 47.40        | 6,000   | 582   | 52.40 | 4,750   |
| 433           | 38.40 | -5,250    | 483                | 42.80 | 3,500                    | 533 | 47.50        | 6,000   | 583   | 52.50 | 3,500   |
| 434           | 38.50 | -5,250    | 484                | 42.90 | 8,500                    | 534 | 47.60        | 3,500   | 584   | 52.60 | -0,250  |
| 435           | 38.60 | -6,500    | 485                | 43.00 | 12,250                   | 535 | 47.70        | -0,250  | 585   | 52.70 | -7,750  |
| 436           | 38.70 | -5,250    | 486                | 43.10 | 6,000                    | 536 | 47.80        | 1,000   | 586   | 52.80 | -12,750 |
| 437           | 38.80 | -5,250    | 487                | 43.20 | -6,500                   | 537 | 47.90        | 3,500   | 587   | 52.90 | -17,750 |
| 438           | 38.90 | -0,250    | 488                | 43.25 | -7,750                   | 538 | 48.00        | 4,750   | 588   | 53.00 | -15,250 |
| 439           | 39.00 | 4,750     | 489                | 43.30 | -6,500                   | 539 | 48.10        | 3,500   | 589   | 53.10 | -9,000  |
| 440           | 39.10 | 3,500     | 490                | 43.40 | -4,000                   | 540 | 48.20        | -2,750  | 590   | 53.20 | -5,250  |
| 441           | 39.20 | 3,500     | 491                | 43.50 | 4,750                    | 541 | 48.30        | -6,500  | 591   | 53.30 | -5,250  |
| 442           | 39.30 | 6,000     | 492                | 43.60 | 8,500                    | 542 | 48.40        | -7,750  | 592   | 53.40 | -6,500  |
| 443           | 39.40 | 7,250     | 493                | 43.70 | 13,500                   | 543 | 48.50        | -9,000  | 593   | 53.50 | -7,750  |
| 444           | 39.50 | 8,500     | 494                | 43.80 | 7,250                    | 544 | 48.60        | -9,000  | 594   | 53.60 | -9,000  |
| 445           | 39.55 | 9,750     | 495                | 43.90 | 2,250                    | 545 | 48.70        | -7,750  | 595   | 53.70 | -9,000  |
| 446           | 39.60 | 7,250     | 496                | 44.00 | -4,000                   | 546 | 48.80        | -5,250  | 596   | 53.80 | -7,750  |
| 447           | 39.70 | -6,500    | 497                | 44.10 | -4,000                   | 547 | 48.90        | -0,250  | 597   | 53.90 | -7,750  |
| 448           | 39.80 | -7,750    | 498                | 44.20 | 3,500                    | 548 | 49.00        | 4,750   | 598   | 54.00 | -7,750  |
| 449           | 39.90 | -5,250    | 499                | 44.30 | 7,250                    | 549 | 49.10        | 4,750   | 599   | 54.10 | -6,500  |
| 450           | 40.00 | -0,250    | 500                | 44.40 | 4,750                    | 550 | 49.20        | -0,250  | 600   | 54.20 | -6,500  |

|               |       |           |                    |                          |              |       |
|---------------|-------|-----------|--------------------|--------------------------|--------------|-------|
| INDEX NO. 252 |       | 1303-QR-5 | SHINISHIKARI B. LG | MAX.ACCEL.= -72.750(GAL) | T= 5.50(SEC) | NO. 4 |
| NO.           | (SEC) | (GAL)     |                    |                          |              |       |
| 601           | 54.30 | -5,250    |                    |                          |              |       |
| 602           | 54.40 | -6,500    |                    |                          |              |       |
| 603           | 54.50 | -9,000    |                    |                          |              |       |
| 604           | 54.60 | -9,000    |                    |                          |              |       |
| 605           | 54.70 | -9,000    |                    |                          |              |       |
| 606           | 54.80 | -6,500    |                    |                          |              |       |
| 607           | 54.90 | -5,250    |                    |                          |              |       |
| 608           | 55.00 | -0,250    |                    |                          |              |       |

| INDEX NO. 253 1305-GR-11 HOROMAN BRIDGE LG |       |         |  | MAX.ACCEL.--104,630(GAL) |       |         |  | T= 9.07(SEC) |       |         |  | NO. 1 |       |          |  |
|--------------------------------------------|-------|---------|--|--------------------------|-------|---------|--|--------------|-------|---------|--|-------|-------|----------|--|
| NO.                                        | (SEC) | (GAL)   |  | NO.                      | (SEC) | (GAL)   |  | NO.          | (SEC) | (GAL)   |  | NO.   | (SEC) | (GAL)    |  |
| 1                                          | 0.0   | 14,130  |  | 51                       | 2.06  | 0.630   |  | 101          | 4.20  | -2,130  |  | 151   | 6.50  | -20,880  |  |
| 2                                          | 0.05  | -14,630 |  | 52                       | 2.10  | -8,380  |  | 102          | 4.22  | -5,880  |  | 152   | 6.53  | -40,880  |  |
| 3                                          | 0.06  | -4,630  |  | 53                       | 2.13  | 4,130   |  | 103          | 4.30  | 19,130  |  | 153   | 6.60  | 66,630   |  |
| 4                                          | 0.08  | -2,130  |  | 54                       | 2.17  | -12,130 |  | 104          | 4.38  | -20,880 |  | 154   | 6.65  | 16,630   |  |
| 5                                          | 0.10  | 4,130   |  | 55                       | 2.19  | -8,380  |  | 105          | 4.40  | -14,630 |  | 155   | 6.70  | 14,130   |  |
| 6                                          | 0.14  | 1,630   |  | 56                       | 2.20  | -8,380  |  | 106          | 4.43  | 16,630  |  | 156   | 6.80  | -77,130  |  |
| 7                                          | 0.20  | -10,880 |  | 57                       | 2.25  | 32,880  |  | 107          | 4.50  | -13,380 |  | 157   | 6.85  | 4,130    |  |
| 8                                          | 0.24  | -8,380  |  | 58                       | 2.30  | 4,130   |  | 108          | 4.58  | 10,380  |  | 158   | 6.90  | -20,880  |  |
| 9                                          | 0.30  | 9,130   |  | 59                       | 2.38  | -28,380 |  | 109          | 4.60  | 4,130   |  | 159   | 6.93  | -8,380   |  |
| 10                                         | 0.33  | 10,360  |  | 60                       | 2.40  | 1,630   |  | 110          | 4.63  | -8,380  |  | 160   | 7.00  | 6,630    |  |
| 11                                         | 0.39  | -15,880 |  | 61                       | 2.45  | 4,130   |  | 111          | 4.70  | 16,630  |  | 161   | 7.05  | -39,630  |  |
| 12                                         | 0.40  | -14,630 |  | 62                       | 2.49  | 0,380   |  | 112          | 4.75  | -5,880  |  | 162   | 7.10  | -8,380   |  |
| 13                                         | 0.45  | 4,130   |  | 63                       | 2.50  | 4,130   |  | 113          | 4.80  | 4,130   |  | 163   | 7.15  | 17,880   |  |
| 14                                         | 0.50  | -2,130  |  | 64                       | 2.53  | 16,630  |  | 114          | 4.85  | -10,880 |  | 164   | 7.20  | 4,130    |  |
| 15                                         | 0.55  | 1,630   |  | 65                       | 2.60  | -20,880 |  | 115          | 4.90  | -10,880 |  | 165   | 7.23  | 16,630   |  |
| 16                                         | 0.58  | 10,380  |  | 66                       | 2.63  | -8,380  |  | 116          | 4.95  | 16,630  |  | 166   | 7.30  | -55,880  |  |
| 17                                         | 0.60  | 6,630   |  | 67                       | 2.67  | -8,380  |  | 117          | 5.00  | -20,880 |  | 167   | 7.40  | 81,630   |  |
| 18                                         | 0.62  | 4,130   |  | 68                       | 2.70  | -2,130  |  | 118          | 5.07  | 22,880  |  | 168   | 7.48  | -33,380  |  |
| 19                                         | 0.66  | -8,380  |  | 69                       | 2.72  | -5,880  |  | 119          | 5.10  | -8,380  |  | 169   | 7.50  | -27,130  |  |
| 20                                         | 0.70  | 4,130   |  | 70                       | 2.76  | 16,630  |  | 120          | 5.18  | 19,130  |  | 170   | 7.53  | -40,880  |  |
| 21                                         | 0.72  | 10,380  |  | 71                       | 2.80  | -8,380  |  | 121          | 5.20  | 4,130   |  | 171   | 7.60  | 7,880    |  |
| 22                                         | 0.76  | 6,630   |  | 72                       | 2.83  | -2,130  |  | 122          | 5.25  | -45,880 |  | 172   | 7.63  | -8,380   |  |
| 23                                         | 0.80  | 10,380  |  | 73                       | 2.86  | -2,130  |  | 123          | 5.30  | 4,130   |  | 173   | 7.70  | 36,630   |  |
| 24                                         | 0.84  | -8,380  |  | 74                       | 2.90  | 2,880   |  | 124          | 5.35  | -17,130 |  | 174   | 7.75  | -50,880  |  |
| 25                                         | 0.88  | -2,130  |  | 75                       | 2.93  | -4,630  |  | 125          | 5.38  | 25,880  |  | 175   | 7.80  | 29,130   |  |
| 26                                         | 0.90  | -14,630 |  | 76                       | 2.99  | 10,380  |  | 126          | 5.40  | -5,880  |  | 176   | 7.85  | 4,130    |  |
| 27                                         | 0.95  | -14,630 |  | 77                       | 3.00  | 4,130   |  | 127          | 5.45  | 16,630  |  | 177   | 7.90  | 45,380   |  |
| 28                                         | 1.00  | 16,630  |  | 78                       | 3.07  | -10,880 |  | 128          | 5.50  | -8,380  |  | 178   | 8.00  | -33,380  |  |
| 29                                         | 1.05  | -12,130 |  | 79                       | 3.10  | 29,130  |  | 129          | 5.55  | -8,380  |  | 179   | 8.05  | -40,880  |  |
| 30                                         | 1.10  | 16,630  |  | 80                       | 3.20  | -20,880 |  | 130          | 5.57  | -2,130  |  | 180   | 8.10  | -58,380  |  |
| 31                                         | 1.18  | -2,130  |  | 81                       | 3.23  | 29,130  |  | 131          | 5.60  | -13,380 |  | 181   | 8.20  | 79,130   |  |
| 32                                         | 1.20  | 4,130   |  | 82                       | 3.30  | -45,880 |  | 132          | 5.65  | 10,380  |  | 182   | 8.30  | -64,630  |  |
| 33                                         | 1.24  | 14,130  |  | 83                       | 3.40  | 32,880  |  | 133          | 5.70  | -8,380  |  | 183   | 8.32  | -73,380  |  |
| 34                                         | 1.30  | -13,380 |  | 84                       | 3.48  | -48,380 |  | 134          | 5.73  | -12,130 |  | 184   | 8.40  | 4,130    |  |
| 35                                         | 1.32  | -4,630  |  | 85                       | 3.50  | -20,880 |  | 135          | 5.77  | 16,630  |  | 185   | 8.43  | 41,630   |  |
| 36                                         | 1.35  | -2,130  |  | 86                       | 3.55  | 20,380  |  | 136          | 5.80  | -8,380  |  | 186   | 8.46  | -5,880   |  |
| 37                                         | 1.40  | 14,130  |  | 87                       | 3.58  | 5,380   |  | 137          | 5.85  | -2,630  |  | 187   | 8.50  | 4,130    |  |
| 38                                         | 1.50  | -28,380 |  | 88                       | 3.60  | 4,130   |  | 138          | 5.90  | -8,380  |  | 188   | 8.55  | 32,880   |  |
| 39                                         | 1.55  | 24,130  |  | 89                       | 3.68  | -10,880 |  | 139          | 5.93  | 12,880  |  | 189   | 8.58  | 32,880   |  |
| 40                                         | 1.57  | 1,630   |  | 90                       | 3.70  | 4,130   |  | 140          | 5.98  | -2,130  |  | 190   | 8.60  | 4,130    |  |
| 41                                         | 1.60  | 4,130   |  | 91                       | 3.75  | 0,380   |  | 141          | 6.00  | 4,130   |  | 191   | 8.68  | -77,130  |  |
| 42                                         | 1.66  | -27,130 |  | 92                       | 3.78  | 11,630  |  | 142          | 6.05  | 29,130  |  | 192   | 8.70  | -70,880  |  |
| 43                                         | 1.70  | 16,630  |  | 93                       | 3.80  | -17,130 |  | 143          | 6.10  | 4,130   |  | 193   | 8.77  | 85,380   |  |
| 44                                         | 1.75  | -12,130 |  | 94                       | 3.90  | 12,880  |  | 144          | 6.20  | -30,880 |  | 194   | 8.80  | 16,630   |  |
| 45                                         | 1.80  | 4,130   |  | 95                       | 3.98  | 3,980   |  | 145          | 6.28  | 29,130  |  | 195   | 8.85  | -58,380  |  |
| 46                                         | 1.83  | -3,380  |  | 96                       | 4.00  | -17,130 |  | 146          | 6.30  | 22,880  |  | 196   | 8.90  | 79,130   |  |
| 47                                         | 1.90  | 11,630  |  | 97                       | 4.03  | -5,880  |  | 147          | 6.33  | 32,880  |  | 197   | 9.00  | 79,130   |  |
| 48                                         | 1.95  | -5,880  |  | 98                       | 4.07  | -4,630  |  | 148          | 6.38  | -30,880 |  | 198   | 9.07  | -104,630 |  |
| 49                                         | 2.00  | 9,130   |  | 99                       | 4.10  | 8,380   |  | 149          | 6.40  | -20,880 |  | 199   | 9.10  | -20,880  |  |
| 50                                         | 2.03  | 0,630   |  | 100                      | 4.17  | -10,880 |  | 150          | 6.44  | 39,130  |  | 200   | 9.15  | 85,380   |  |
|                                            |       |         |  |                          |       |         |  |              |       |         |  |       |       |          |  |
| INDEX NO. 253 1305-GR-11 HOROMAN BRIDGE LG |       |         |  | MAX.ACCEL.--104,630(GAL) |       |         |  | T= 9.07(SEC) |       |         |  | NO. 2 |       |          |  |
| NO.                                        | (SEC) | (GAL)   |  | NO.                      | (SEC) | (GAL)   |  | NO.          | (SEC) | (GAL)   |  | NO.   | (SEC) | (GAL)    |  |
| 201                                        | 9.20  | -58,880 |  | 252                      | 11.85 | 4,130   |  | 301          | 14.50 | -45,880 |  | 351   | 17.10 | -8,380   |  |
| 202                                        | 9.22  | -78,380 |  | 253                      | 11.90 | 7,880   |  | 302          | 14.57 | 47,880  |  | 352   | 17.15 | 64,130   |  |
| 203                                        | 9.30  | -20,880 |  | 254                      | 12.00 | -2,130  |  | 303          | 14.60 | -8,380  |  | 353   | 17.20 | -43,380  |  |
| 204                                        | 9.40  | -55,880 |  | 255                      | 12.05 | 14,130  |  | 304          | 14.62 | -13,380 |  | 354   | 17.27 | 4,130    |  |
| 205                                        | 9.47  | 62,880  |  | 256                      | 12.10 | -3,380  |  | 305          | 14.70 | 16,630  |  | 355   | 17.30 | -23,380  |  |
| 206                                        | 9.50  | 10,380  |  | 257                      | 12.20 | -33,380 |  | 306          | 14.80 | -70,880 |  | 356   | 17.38 | -8,380   |  |
| 207                                        | 9.58  | 66,630  |  | 258                      | 12.28 | 4,130   |  | 307          | 14.82 | -77,130 |  | 357   | 17.40 | -20,880  |  |
| 208                                        | 9.60  | 4,130   |  | 259                      | 12.30 | 4,130   |  | 308          | 14.85 | 4,130   |  | 358   | 17.48 | 24,630   |  |
| 209                                        | 9.65  | -43,380 |  | 260                      | 12.35 | 41,630  |  | 309          | 14.90 | 29,130  |  | 359   | 17.50 | -7,880   |  |
| 210                                        | 9.70  | 16,630  |  | 261                      | 12.40 | 4,130   |  | 310          | 14.92 | 35,380  |  | 360   | 17.53 | -30,880  |  |
| 211                                        | 9.73  | -8,380  |  | 262                      | 12.48 | -45,880 |  | 311          | 15.00 | -8,380  |  | 361   | 17.60 | 31,630   |  |
| 212                                        | 9.80  | 10,380  |  | 263                      | 12.53 | -33,380 |  | 312          | 15.07 | -14,630 |  | 362   | 17.63 | 7,880    |  |
| 213                                        | 9.85  | -43,380 |  | 264                      | 12.55 | 17,880  |  | 313          | 15.10 | 10,380  |  | 363   | 17.70 | 36,630   |  |
| 214                                        | 9.90  | 17,880  |  | 265                      | 12.60 | -20,880 |  | 314          | 15.20 | -0,880  |  | 364   | 17.80 | -42,130  |  |
| 215                                        | 10.00 | -45,880 |  | 266                      | 12.68 | 19,130  |  | 315          | 15.25 | 20,380  |  | 365   | 17.87 | 0,380    |  |
| 216                                        | 10.10 | 35,380  |  | 267                      | 12.70 | 16,630  |  | 316          | 15.30 | 4,130   |  | 366   | 17.90 | -2,130   |  |
| 217                                        | 10.13 | 4,130   |  | 268                      | 12.75 | -5,880  |  | 317          | 15.38 | -43,380 |  | 367   | 17.93 | 16,630   |  |
| 218                                        | 10.20 | 14,130  |  | 269                      | 12.80 | 4,130   |  | 318          | 15.40 | -39,630 |  | 368   | 18.00 | -20,880  |  |
| 219                                        | 10.26 | -24,630 |  | 270                      | 12.88 | -45,880 |  | 319          | 15.45 | 35,380  |  | 369   | 18.03 | -35,880  |  |
| 220                                        | 10.30 | 17,880  |  | 271                      | 12.90 | -20,880 |  | 320          | 15.50 | -4,630  |  | 370   | 18.10 | 7,880    |  |
| 221                                        | 10.35 | -24,630 |  | 272                      | 12.95 | 41,630  |  | 321          | 15.53 | 2,880   |  | 371   | 18.16 | 1,630    |  |
| 222                                        | 10.40 | 47,880  |  | 273                      | 13.00 | -20,880 |  | 322          | 15.60 | -20,880 |  | 372   | 18.20 | 10,380   |  |
| 223                                        | 10.42 | 47,880  |  | 274                      | 13.02 | -28,380 |  | 323          | 15.65 | -64,630 |  | 373   | 18.24 | 9,130    |  |
| 224                                        | 10.50 | -45,880 |  | 275                      | 13.07 | 29,130  |  | 324          | 15.70 | 66,630  |  | 374   | 18.30 | 16,630   |  |
| 225                                        | 10.52 | -54,630 |  | 276                      | 13.10 | -8,380  |  | 325          | 15.80 | -44,630 |  | 375   | 18.38 | -43,380  |  |
| 226                                        | 10.60 | -6,380  |  | 277                      | 13.15 | -27,130 |  | 326          | 15.87 | 60,380  |  | 376   | 18.40 | -33,380  |  |
| 227                                        | 10.65 | -20,880 |  | 278                      | 13.25 | -38,380 |  | 327          | 15.90 | 4,130   |  | 377   | 18.50 | 31,630   |  |
| 228                                        | 10.70 | 11,630  |  | 279                      | 13.28 | 38,380  |  | 328          | 15.95 | -38,380 |  | 378   | 18.57 | -27,130  |  |
| 229                                        | 10.75 | -8,380  |  | 280                      | 13.28 | -27,130 |  | 329          | 16.00 | -2,130  |  | 379   | 18.60 | -8,380   |  |
| 230                                        | 10.80 | -2,130  |  | 281                      | 13.30 | -20,880 |  | 330          | 16.03 | -4,630  |  | 380   | 18.65 | 16,630   |  |
| 231                                        | 10.83 | -17,130 |  | 282                      | 13.40 | 16,630  |  | 331          | 16.10 | 41,630  |  | 381   | 18.70 | -3,380   |  |
| 232                                        | 10.86 | 0,380   |  | 283                      | 13.42 | 22,880  |  | 332          | 16.20 | -67,130 |  | 382   | 18.75 | -20,880  |  |
| 233                                        | 10.90 | 0,380   |  | 284                      | 13.50 | -20,880 |  | 333          | 16.24 | 4,130   |  | 383   | 18.80 | -8,380   |  |
| 234                                        | 10.92 | 4,130   |  | 285                      | 13.60 | 14,130  |  | 334          | 16.30 | -45,880 |  | 384   | 18.85 | -8,380   |  |
| 235                                        | 11.00 | -4,630  |  | 286                      | 13.70 | -39,630 |  | 335          | 16.36 | 79,130  |  | 385   | 18.90 | 20,380   |  |
| 236                                        | 11.08 | 17,880  |  | 287                      | 13.77 | 22,880  |  | 336          | 16.40 | 16,630  |  | 386   | 18.97 | -12,130  |  |
| 237                                        | 11.10 | 10,380  |  | 288                      | 13.80 | 10,380  |  | 337          | 16.45 | -52,130 |  | 387   | 19.00 | -0,880   |  |
| 238                                        | 11.14 | 41,630  |  | 289                      | 13.85 | 6,630   |  | 338          | 16.50 | 37,880  |  | 388   | 19.07 | -20,880  |  |

| INDEX NO. | 253   | 1305-GR-11 | HOROMAN BRIDGE | LG    | MAX.ACCEL.=-104.630(GAL) | T= 9.07(SEC) | NO. 3 |        |
|-----------|-------|------------|----------------|-------|--------------------------|--------------|-------|--------|
| NO.       | (SEC) | (GAL)      | NO.            | (SEC) | (GAL)                    | NO.          | (SEC) | (GAL)  |
| 401       | 19.70 | -5.880     | 451            | 22.48 | -8.380                   | 501          | 25.50 | 7.880  |
| 402       | 19.73 | -10.880    | 452            | 22.50 | -4.630                   | 502          | 25.60 | -8.380 |
| 403       | 19.80 | 22.880     | 453            | 22.52 | 1.630                    | 503          | 25.70 | 4.130  |
| 404       | 19.82 | 29.130     | 454            | 22.58 | -10.880                  | 504          | 25.73 | 6.630  |
| 405       | 19.89 | -15.880    | 455            | 22.60 | -8.380                   | 505          | 25.80 | -4.630 |
| 406       | 19.90 | -8.380     | 456            | 22.65 | 7.880                    | 506          | 25.90 | 4.130  |
| 407       | 19.93 | -3.380     | 457            | 22.70 | 0.380                    | 507          | 26.00 | 0.380  |
| 408       | 20.00 | -10.880    | 458            | 22.80 | 16.630                   | 508          | 26.03 | 0.380  |
| 409       | 20.05 | 7.880      | 459            | 22.89 | -10.880                  | 509          | 26.10 | 7.880  |
| 410       | 20.10 | -8.380     | 460            | 22.90 | -5.880                   | 510          | 26.15 | 4.130  |
| 411       | 20.15 | 7.880      | 461            | 23.00 | -4.630                   | 511          | 26.20 | 6.630  |
| 412       | 20.20 | -8.380     | 462            | 23.10 | 4.130                    | 512          | 26.23 | 9.130  |
| 413       | 20.21 | -9.630     | 463            | 23.18 | -8.380                   | 513          | 26.30 | -2.130 |
| 414       | 20.28 | 1.630      | 464            | 23.20 | -2.130                   | 514          | 26.35 | 1.630  |
| 415       | 20.30 | 0.380      | 465            | 23.26 | 1.630                    | 515          | 26.40 | -2.130 |
| 416       | 20.40 | -4.630     | 466            | 23.30 | 11.630                   | 516          | 26.50 | 4.130  |
| 417       | 20.45 | -10.880    | 467            | 23.40 | 4.130                    | 517          | 26.60 | 4.130  |
| 418       | 20.50 | -2.130     | 468            | 23.42 | 1.630                    | 518          | 26.67 | 4.130  |
| 419       | 20.58 | 16.630     | 469            | 23.47 | 6.630                    | 519          | 26.70 | -3.380 |
| 420       | 20.60 | 4.130      | 470            | 23.50 | 0.380                    | 520          | 26.73 | -3.380 |
| 421       | 20.67 | 7.880      | 471            | 23.55 | -4.630                   | 521          | 26.80 | 1.630  |
| 422       | 20.70 | 0.380      | 472            | 23.60 | -2.130                   | 522          | 26.90 | 4.130  |
| 423       | 20.73 | -2.130     | 473            | 23.65 | 6.630                    | 523          | 26.95 | 4.130  |
| 424       | 20.80 | -13.380    | 474            | 23.70 | -0.880                   | 524          | 27.00 | 4.130  |
| 425       | 20.90 | 16.630     | 475            | 23.80 | 4.130                    | 525          | 27.07 | -8.380 |
| 426       | 20.98 | -8.380     | 476            | 23.83 | -2.130                   | 526          | 27.10 | -5.880 |
| 427       | 21.00 | -4.630     | 477            | 23.90 | 4.130                    | 527          | 27.13 | 4.130  |
| 428       | 21.07 | -8.380     | 478            | 23.98 | -3.380                   | 528          | 27.20 | 1.630  |
| 429       | 21.10 | -2.130     | 479            | 24.00 | -2.130                   | 529          | 27.25 | 4.130  |
| 430       | 21.20 | 10.380     | 480            | 24.03 | 1.630                    | 530          | 27.30 | -2.130 |
| 431       | 21.30 | -29.630    | 481            | 24.10 | 1.630                    | 531          | 27.40 | 4.130  |
| 432       | 21.40 | 29.130     | 482            | 24.20 | -10.880                  | 532          | 27.50 | 1.630  |
| 433       | 21.50 | 6.630      | 483            | 24.30 | 16.630                   | 533          | 27.55 | -8.380 |
| 434       | 21.55 | 1.630      | 484            | 24.37 | -8.380                   | 534          | 27.60 | -2.130 |
| 435       | 21.60 | 4.130      | 485            | 24.40 | -2.130                   | 535          | 27.67 | 14.130 |
| 436       | 21.63 | 6.630      | 486            | 24.43 | 4.130                    | 536          | 27.70 | 4.130  |
| 437       | 21.70 | -0.380     | 487            | 24.50 | 1.630                    | 537          | 27.80 | 1.630  |
| 438       | 21.75 | 14.130     | 488            | 24.60 | 14.130                   | 538          | 27.90 | -2.130 |
| 439       | 21.80 | -18.380    | 489            | 24.70 | -8.380                   | 539          | 27.95 | 4.130  |
| 440       | 21.90 | 5.380      | 490            | 24.80 | 4.130                    |              |       |        |
| 441       | 21.96 | -7.130     | 491            | 24.88 | 3.500                    |              |       |        |
| 442       | 22.00 | 0.380      | 492            | 24.90 | -2.130                   |              |       |        |
| 443       | 22.03 | 4.130      | 493            | 24.95 | -4.630                   |              |       |        |
| 444       | 22.08 | -3.380     | 494            | 25.00 | -2.130                   |              |       |        |
| 445       | 22.10 | 4.130      | 495            | 25.05 | 14.130                   |              |       |        |
| 446       | 22.13 | 10.380     | 496            | 25.10 | -2.130                   |              |       |        |
| 447       | 22.20 | -4.630     | 497            | 25.20 | -3.380                   |              |       |        |
| 448       | 22.28 | -2.130     | 498            | 25.25 | 9.130                    |              |       |        |
| 449       | 22.30 | -5.880     | 499            | 25.30 | 4.130                    |              |       |        |
| 450       | 22.40 | 7.880      | 500            | 25.40 | 4.130                    |              |       |        |

| INDEX NO. | 254   | 1305-GR-11 | HOROMAN BRIDGE | TR    | MAX.ACCEL.= | 88.880(GAL) | T= 9.12(SEC) | NO.     | 1   |       |         |
|-----------|-------|------------|----------------|-------|-------------|-------------|--------------|---------|-----|-------|---------|
| NO.       | (SEC) | (GAL)      | NO.            | (SEC) | (GAL)       | NO.         | (SEC)        | (GAL)   | NO. | (SEC) | (GAL)   |
| 1         | 0     | 1.380      | 51             | 2.46  | 13.880      | 101         | 4.90         | 1.380   | 151 | 7.60  | -2.380  |
| 2         | 0.02  | 7.630      | 52             | 2.50  | 2.630       | 102         | 4.93         | -4.880  | 152 | 7.64  | 51.380  |
| 3         | 0.05  | 1.380      | 53             | 2.55  | 7.630       | 103         | 5.00         | 13.880  | 153 | 7.70  | -36.130 |
| 4         | 0.10  | 7.630      | 54             | 2.60  | 1.380       | 104         | 5.03         | 13.880  | 154 | 7.75  | -67.380 |
| 5         | 0.13  | -1.130     | 55             | 2.63  | 21.380      | 105         | 5.10         | -17.380 | 155 | 7.80  | -11.130 |
| 6         | 0.15  | -7.380     | 56             | 2.70  | -8.630      | 106         | 5.15         | -8.630  | 156 | 7.87  | 73.880  |
| 7         | 0.20  | 7.630      | 57             | 2.80  | -8.630      | 107         | 5.20         | -4.880  | 157 | 7.90  | 1.380   |
| 8         | 0.24  | -11.130    | 58             | 2.85  | 26.380      | 108         | 5.23         | 32.630  | 158 | 7.95  | -46.130 |
| 9         | 0.30  | -3.380     | 59             | 2.90  | -23.630     | 109         | 5.30         | -4.880  | 159 | 8.00  | -11.130 |
| 10        | 0.33  | -1.130     | 60             | 2.92  | -32.380     | 110         | 5.32         | -11.130 | 160 | 8.05  | 1.380   |
| 11        | 0.40  | -3.380     | 61             | 3.00  | -4.880      | 111         | 5.40         | 13.880  | 161 | 8.10  | -11.130 |
| 12        | 0.42  | -3.380     | 62             | 3.03  | -17.880     | 112         | 5.45         | -6.130  | 162 | 8.15  | -46.130 |
| 13        | 0.44  | -11.130    | 63             | 3.08  | 1.380       | 113         | 5.48         | 5.130   | 163 | 8.20  | 1.380   |
| 14        | 0.50  | 1.380      | 64             | 3.10  | 1.380       | 114         | 5.50         | -7.380  | 164 | 8.23  | 25.130  |
| 15        | 0.53  | 6.380      | 65             | 3.13  | 30.130      | 115         | 5.58         | 13.880  | 165 | 8.30  | -29.880 |
| 16        | 0.60  | -11.130    | 66             | 3.20  | -11.130     | 116         | 5.60         | 13.880  | 166 | 8.40  | 38.880  |
| 17        | 0.65  | 13.880     | 67             | 3.22  | -23.630     | 117         | 5.70         | -11.130 | 167 | 8.43  | 51.380  |
| 18        | 0.70  | -4.880     | 68             | 3.30  | 1.380       | 118         | 5.73         | -6.130  | 168 | 8.50  | -48.630 |
| 19        | 0.75  | 3.880      | 69             | 3.32  | 13.880      | 119         | 5.80         | -9.880  | 169 | 8.55  | 13.880  |
| 20        | 0.80  | 3.880      | 70             | 3.36  | 13.880      | 120         | 5.85         | -23.630 | 170 | 8.60  | -48.630 |
| 21        | 0.83  | 13.880     | 71             | 3.40  | -13.630     | 121         | 5.90         | 13.880  | 171 | 8.63  | -86.130 |
| 22        | 0.90  | -11.130    | 72             | 3.45  | 13.880      | 122         | 5.93         | 32.630  | 172 | 8.70  | 53.880  |
| 23        | 0.93  | 1.380      | 73             | 3.50  | 13.880      | 123         | 6.00         | 20.130  | 173 | 8.80  | -69.880 |
| 24        | 1.00  | -13.630    | 74             | 3.54  | -23.630     | 124         | 6.02         | -8.630  | 174 | 8.90  | 71.380  |
| 25        | 1.06  | 8.880      | 75             | 3.60  | -11.130     | 125         | 6.10         | -26.130 | 175 | 9.00  | -61.380 |
| 26        | 1.10  | 1.380      | 76             | 3.63  | 13.880      | 126         | 6.20         | 5.130   | 176 | 9.03  | -52.880 |
| 27        | 1.13  | -1.130     | 77             | 3.67  | 16.380      | 127         | 6.23         | 41.380  | 177 | 9.10  | 51.380  |
| 28        | 1.18  | 13.880     | 78             | 3.70  | -11.130     | 128         | 6.30         | 1.380   | 178 | 9.12  | 88.880  |
| 29        | 1.20  | -7.380     | 79             | 3.75  | -16.130     | 129         | 6.35         | -29.880 | 179 | 9.20  | -76.130 |
| 30        | 1.30  | 1.380      | 80             | 3.80  | 2.630       | 130         | 6.40         | -11.130 | 180 | 9.28  | 31.380  |
| 31        | 1.33  | 17.630     | 81             | 3.85  | 13.880      | 131         | 6.45         | 38.980  | 181 | 9.30  | 1.380   |
| 32        | 1.40  | -19.880    | 82             | 3.88  | -11.130     | 132         | 6.50         | -11.130 | 182 | 0.40  | -4.880  |
| 33        | 1.45  | 13.880     | 83             | 3.90  | 1.380       | 133         | 6.60         | 5.130   | 183 | 9.43  | 26.380  |
| 34        | 1.50  | -11.130    | 84             | 3.93  | 13.880      | 134         | 6.70         | -76.130 | 184 | 9.50  | -8.630  |
| 35        | 1.53  | 13.880     | 85             | 4.00  | -17.380     | 135         | 6.80         | 26.380  | 185 | 9.53  | 16.380  |
| 36        | 1.60  | -27.380    | 86             | 4.10  | 16.380      | 136         | 6.83         | 41.380  | 186 | 9.60  | -23.630 |
| 37        | 1.70  | 5.880      | 87             | 4.14  | -11.130     | 137         | 6.90         | 51.380  | 187 | 9.70  | 7.630   |
| 38        | 1.80  | -11.130    | 88             | 4.20  | -11.130     | 138         | 6.98         | -36.130 | 188 | 9.80  | -73.630 |
| 39        | 1.88  | 5.130      | 89             | 4.30  | -22.630     | 139         | 7.00         | -17.380 | 189 | 9.90  | 88.880  |
| 40        | 1.90  | 5.130      | 90             | 4.32  | -17.380     | 140         | 7.02         | 1.380   | 190 | 9.95  | 13.880  |
| 41        | 1.92  | 20.130     | 91             | 4.40  | -4.880      | 141         | 7.08         | 20.130  | 191 | 10.00 | 35.130  |
| 42        | 2.00  | -17.380    | 92             | 4.45  | -4.880      | 142         | 7.10         | -19.880 | 192 | 10.10 | -44.880 |
| 43        | 2.03  | 18.880     | 93             | 4.50  | -19.880     | 143         | 7.18         | 1.380   | 193 | 10.15 | -43.630 |
| 44        | 2.10  | 1.380      | 94             | 4.55  | 20.130      | 144         | 7.20         | 1.380   | 194 | 10.20 | -57.380 |
| 45        | 2.18  | 8.880      | 95             | 4.60  | 1.380       | 145         | 7.23         | 13.880  | 195 | 10.30 | 45.130  |
| 46        | 2.20  | 1.380      | 96             | 4.65  | -4.880      | 146         | 7.30         | -4.880  | 196 | 10.40 | -54.880 |
| 47        | 2.30  | -21.130    | 97             | 4.70  | 3.880       | 147         | 7.34         | 26.380  | 197 | 10.50 | -17.380 |
| 48        | 2.32  | 20.130     | 98             | 4.75  | 1.380       | 148         | 7.40         | -26.130 | 198 | 10.60 | 16.380  |
| 49        | 2.38  | -33.630    | 99             | 4.80  | 7.630       | 149         | 7.50         | 13.880  | 199 | 10.63 | 16.380  |
| 50        | 2.40  | -21.130    | 100            | 4.85  | -8.630      | 150         | 7.53         | 16.380  | 200 | 10.70 | 1.380   |

INDEX NO. 254 1305-GR-11 HOROMAN BRIDGE TR MAX.ACCEL.= 88,880(GAL) T= 9.12(SEC) NO. 2

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 201 10.75 | -36.130 | 251 13.75 | -8.630  | 301 16.40 | -36.130 | 351 19.50 | -11.130 |
| 202 10.80 | -8.630  | 252 13.80 | -4.880  | 302 16.42 | -53.630 | 352 19.60 | 1.380   |
| 203 10.87 | -17.380 | 253 13.90 | 20.130  | 303 16.50 | 13.880  | 353 19.62 | 13.880  |
| 204 10.90 | 1.380   | 254 13.98 | -36.130 | 304 16.55 | 70.130  | 354 19.70 | 1.380   |
| 205 10.95 | 51.380  | 255 14.00 | -36.130 | 305 16.60 | -11.130 | 355 19.80 | -32.380 |
| 206 11.00 | -48.630 | 256 14.03 | -11.130 | 306 16.65 | -29.880 | 356 19.90 | 1.380   |
| 207 11.05 | -51.130 | 257 14.07 | -11.130 | 307 16.70 | -11.130 | 357 19.95 | 36.580  |
| 208 11.10 | 1.380   | 258 14.10 | 13.880  | 308 16.78 | 28.880  | 358 20.00 | 13.880  |
| 209 11.20 | 48.880  | 259 14.14 | 25.880  | 309 16.80 | 20.130  | 359 20.10 | 3.880   |
| 210 11.30 | -11.130 | 260 14.18 | 1.380   | 310 16.84 | 38.880  | 360 20.16 | 16.380  |
| 211 11.40 | 13.880  | 261 14.20 | 3.880   | 311 16.90 | -11.130 | 361 20.20 | 1.380   |
| 212 11.50 | -51.130 | 262 14.26 | -6.130  | 312 16.93 | -21.130 | 362 20.28 | -28.630 |
| 213 11.56 | 20.130  | 263 14.30 | 13.880  | 313 17.00 | 16.380  | 363 20.30 | -23.630 |
| 214 11.70 | -13.630 | 264 14.35 | 17.630  | 314 17.05 | -36.130 | 364 20.34 | -4.880  |
| 215 11.80 | -11.130 | 265 14.40 | -11.130 | 315 17.10 | 13.880  | 365 20.40 | 1.380   |
| 216 11.85 | 53.880  | 266 14.45 | -36.130 | 316 17.14 | 53.880  | 366 20.50 | 16.380  |
| 217 11.90 | -11.130 | 267 14.50 | 13.880  | 317 17.20 | -2.738  | 367 20.60 | -19.880 |
| 218 11.94 | -33.630 | 268 14.53 | 42.630  | 318 17.25 | 16.380  | 368 20.68 | 13.880  |
| 219 12.00 | 1.380   | 269 14.60 | -26.130 | 319 17.30 | -11.130 | 369 20.70 | 3.880   |
| 220 12.05 | 23.880  | 270 14.70 | 38.880  | 320 17.35 | -36.130 | 370 20.80 | -13.630 |
| 221 12.10 | 1.380   | 271 14.80 | -73.630 | 321 17.40 | 1.380   | 371 20.84 | 1.380   |
| 222 12.14 | 13.880  | 272 14.90 | 51.380  | 322 17.50 | 38.880  | 372 20.90 | 1.380   |
| 223 12.20 | -8.630  | 273 14.95 | 70.130  | 323 17.58 | -9.880  | 373 20.95 | -8.630  |
| 224 12.30 | 1.380   | 274 15.00 | 63.880  | 324 17.60 | 1.380   | 374 21.00 | -8.630  |
| 225 12.32 | 1.380   | 275 15.08 | -36.130 | 325 17.70 | -48.630 | 375 21.08 | -16.130 |
| 226 12.40 | 16.380  | 276 15.10 | -36.130 | 326 17.80 | 26.380  | 376 21.10 | -11.130 |
| 227 12.45 | -4.880  | 277 15.20 | 48.880  | 327 17.83 | 38.880  | 377 21.20 | 26.380  |
| 228 12.50 | 1.380   | 278 15.30 | -73.630 | 328 17.86 | 38.880  | 378 21.30 | -17.380 |
| 229 12.60 | -36.130 | 279 15.32 | -82.380 | 329 17.90 | 13.880  | 379 21.40 | -2.380  |
| 230 12.68 | 28.880  | 280 15.40 | 63.880  | 330 18.00 | -57.000 | 380 21.45 | -13.630 |
| 231 12.70 | -11.130 | 281 15.43 | 65.380  | 331 18.10 | 48.880  | 381 21.50 | 1.380   |
| 232 12.73 | -17.380 | 282 15.50 | 26.380  | 332 18.20 | -2.380  | 382 21.53 | 20.130  |
| 233 12.80 | 26.380  | 283 15.52 | 78.880  | 333 18.28 | 23.880  | 383 21.60 | 20.130  |
| 234 12.85 | -11.130 | 284 15.60 | -61.130 | 334 18.30 | 13.880  | 384 21.67 | -11.130 |
| 235 12.90 | -11.130 | 285 15.62 | -63.630 | 335 18.40 | -11.130 | 385 21.70 | -11.130 |
| 236 12.95 | -23.630 | 286 15.69 | -38.630 | 336 18.45 | 17.630  | 386 21.75 | -2.380  |
| 237 13.00 | 1.380   | 287 15.70 | 1.380   | 337 18.50 | 16.380  | 387 21.80 | -4.880  |
| 238 13.10 | 57.630  | 288 15.71 | 63.880  | 338 18.55 | -4.880  | 388 21.90 | 16.380  |
| 239 13.15 | -4.880  | 289 15.78 | 88.880  | 339 18.60 | -4.880  | 389 22.00 | 5.130   |
| 240 13.20 | 1.380   | 290 15.80 | -67.380 | 340 18.70 | -23.630 | 390 22.05 | -14.880 |
| 241 13.25 | 1.380   | 291 15.90 | -11.130 | 341 18.80 | 7.630   | 391 22.10 | 1.380   |
| 242 13.30 | -23.630 | 292 16.00 | 51.380  | 342 18.90 | -11.130 | 392 22.16 | 13.880  |
| 243 13.35 | -36.130 | 293 16.05 | -58.630 | 343 18.95 | 7.630   | 393 22.20 | 13.880  |
| 244 13.40 | 1.380   | 294 16.10 | 1.380   | 344 19.00 | -19.880 | 394 22.30 | -11.130 |
| 245 13.50 | 7.630   | 295 16.15 | 26.380  | 345 19.10 | 20.130  | 395 22.35 | -23.630 |
| 246 13.55 | 1.380   | 296 16.17 | -1.130  | 346 19.20 | -19.880 | 396 22.40 | 1.380   |
| 247 13.60 | 18.880  | 297 16.20 | 13.880  | 347 19.27 | 26.380  | 397 22.45 | -1.130  |
| 248 13.63 | 1.380   | 298 16.23 | 38.880  | 348 19.30 | 1.380   | 398 22.50 | 13.880  |
| 249 13.70 | 1.380   | 299 16.30 | -4.880  | 349 19.40 | -4.880  | 399 22.60 | -4.880  |
| 250 13.72 | 1.380   | 300 16.33 | 1.380   | 350 19.43 | 11.380  | 400 22.63 | -11.130 |

INDEX NO. 254 1305-GR-11 HOROMAN BRIDGE TR MAX.ACCEL.= 88,880(GAL) T= 9.12(SEC) NO. 3

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)  | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL) |
|-----------|---------|-----------|--------|-----------|---------|-----------|-------|
| 401 22.70 | -4.880  | 451 26.00 | 1.380  | 491 29.30 | 1.380   | 531 32.60 | 1.380 |
| 402 22.75 | 5.130   | 452 26.10 | 3.880  | 492 29.34 | 7.630   | 532 32.64 | 1.380 |
| 403 22.80 | -4.880  | 453 26.12 | 3.880  | 493 29.38 | -8.630  | 533 32.68 | 1.380 |
| 404 22.90 | 1.380   | 454 26.20 | -4.880 | 494 29.42 | -19.880 | 534 32.72 | 1.380 |
| 405 23.00 | -7.380  | 455 26.25 | -8.630 | 495 29.46 | 1.380   | 535 32.76 | 1.380 |
| 406 23.10 | 26.380  | 456 26.30 | 1.380  | 496 29.50 | 1.380   | 536 32.80 | 1.380 |
| 407 23.18 | -4.880  | 457 26.40 | 3.880  | 497 29.54 | 1.380   | 537 32.84 | 1.380 |
| 408 23.20 | -3.630  | 458 26.45 | 3.880  | 498 29.58 | 1.380   | 538 32.88 | 1.380 |
| 409 23.25 | 3.880   | 459 26.50 | -2.380 | 499 29.62 | 1.380   | 539 32.92 | 1.380 |
| 410 23.28 | 1.380   | 460 26.60 | -1.130 | 500 29.66 | 1.380   | 540 32.96 | 1.380 |
| 411 23.30 | 5.130   | 461 26.65 | 1.380  | 501 29.70 | 1.380   | 541 33.00 | 1.380 |
| 412 23.33 | 11.380  | 462 26.70 | -2.380 | 502 29.74 | 1.380   | 542 33.04 | 1.380 |
| 413 23.40 | -11.130 | 463 26.80 | -2.380 | 503 29.78 | 1.380   | 543 33.08 | 1.380 |
| 414 23.44 | -11.130 | 464 26.83 | 1.380  | 504 29.82 | 1.380   | 544 33.12 | 1.380 |
| 415 23.50 | 1.380   | 465 26.90 | -2.380 | 505 29.86 | 1.380   | 545 33.16 | 1.380 |
| 416 23.60 | 1.380   | 466 27.00 | 3.880  | 506 29.90 | 1.380   | 546 33.20 | 1.380 |
| 417 23.65 | 13.880  | 467 27.08 | -1.130 | 507 29.94 | 1.380   | 547 33.24 | 1.380 |
| 418 23.70 | 1.380   | 468 27.10 | 1.380  | 508 29.98 | 1.380   | 548 33.28 | 1.380 |
| 419 23.75 | -8.630  | 469 27.12 | 3.880  | 509 30.02 | 1.380   | 549 33.32 | 1.380 |
| 420 23.80 | 1.380   | 470 27.20 | 3.880  | 510 30.06 | 1.380   | 550 33.36 | 1.380 |
| 421 23.90 | 5.130   | 471 27.23 | 7.630  | 511 30.10 | 1.380   | 551 33.40 | 1.380 |
| 422 23.95 | 11.380  | 472 27.30 | -4.880 | 512 30.14 | 1.380   | 552 33.44 | 1.380 |
| 423 24.00 | 10.130  | 473 27.34 | 7.630  | 513 30.18 | 1.380   | 553 33.48 | 1.380 |
| 424 24.10 | -11.130 | 474 27.40 | -8.630 | 514 30.22 | 1.380   | 554 33.52 | 1.380 |
| 425 24.15 | -14.880 | 475 27.50 | -8.630 | 515 30.26 | 1.380   | 555 33.56 | 1.380 |
| 426 24.20 | -11.130 | 476 27.60 | 1.380  | 516 30.30 | 1.380   | 556 33.60 | 1.380 |
| 427 24.30 | 13.880  | 477 27.65 | 2.630  | 517 30.34 | 1.380   | 557 33.64 | 1.380 |
| 428 24.40 | -11.130 | 478 27.70 | 1.380  | 518 30.38 | 1.380   | 558 33.68 | 1.380 |
| 429 24.45 | 1.380   | 479 27.78 | -4.130 | 519 30.42 | 1.380   | 559 33.72 | 1.380 |
| 430 24.50 | -2.380  | 480 27.80 | -3.630 | 520 30.46 | 1.380   | 560 33.76 | 1.380 |
| 431 24.55 | -2.380  | 481 28.00 | 3.880  | 521 30.50 | 1.380   | 561 33.80 | 1.380 |
| 432 24.60 | 7.630   |           |        | 522 30.54 | 1.380   | 562 33.84 | 1.380 |
| 433 24.70 | 3.880   |           |        | 523 30.58 | 1.380   | 563 33.88 | 1.380 |
| 434 24.80 | -13.630 |           |        | 524 30.62 | 1.380   | 564 33.92 | 1.380 |
| 435 24.90 | 5.130   |           |        | 525 30.66 | 1.380   | 565 33.96 | 1.380 |
| 436 25.00 | 5.130   |           |        | 526 30.70 | 1.380   | 566 34.00 | 1.380 |
| 437 25.02 | 7.630   |           |        | 527 30.74 | 1.380   | 567 34.04 | 1.380 |
| 438 25.10 | 1.380   |           |        | 528 30.78 | 1.380   | 568 34.08 | 1.380 |
| 439 25.18 | 13.880  |           |        | 529 30.82 | 1.380   | 569 34.12 | 1.380 |
| 440 25.20 | 1.380   |           |        | 530 30.86 | 1.380   | 570 34.16 | 1.380 |
| 441 25.30 | -11.130 |           |        | 531 30.90 | 1.380   | 571 34.20 | 1.380 |
| 442 25.40 | 7.630   |           |        | 532 30.94 | 1.380   | 572 34.24 | 1.380 |
| 443 25.50 | -3.630  |           |        | 533 30.98 | 1.380   | 573 34.28 | 1.380 |
| 444 25.52 | 1.380   |           |        | 534 31.02 | 1.380   | 574 34.32 | 1.380 |
| 445 25.60 | -1.130  |           |        | 535 31.06 | 1.380   | 575 34.36 | 1.380 |
| 446 25.70 | 13.880  |           |        | 536 31.10 | 1.380   | 576 34.40 | 1.380 |
| 447 25.80 | 1.380   |           |        | 537 31.14 | 1.380   | 577 34.44 | 1.380 |
| 448 25.85 | -13.630 |           |        | 538 31.18 | 1.380   | 578 34.48 | 1.380 |
| 449 25.90 | 1.380   |           |        | 539 31.22 | 1.380   | 579 34.52 | 1.380 |
| 450 25.95 | 7.630   |           |        | 540 31.26 | 1.380   | 580 34.56 | 1.380 |

| INDEX NO. 255 |       | 503-QR-9 | KANNONZAKI | E-W   | MAX.ACCEL.= -42,880(GAL) | T= 0.58(SEC) | NO. 1 |  |
|---------------|-------|----------|------------|-------|--------------------------|--------------|-------|--|
| NO.           | (SEC) | (GAL)    | NO.        | (SEC) | (GAL)                    |              |       |  |
| 1             | 0.    | -0,380   | 51         | 2.90  | -1,430                   |              |       |  |
| 2             | 0.10  | 0,880    | 52         | 2.93  | -4,130                   |              |       |  |
| 3             | 0.14  | -2,880   | 53         | 3.00  | 0,880                    |              |       |  |
| 4             | 0.20  | -0,380   | 54         | 3.03  | 2,130                    |              |       |  |
| 5             | 0.30  | -6,630   | 55         | 3.10  | -5,380                   |              |       |  |
| 6             | 0.33  | -7,880   | 56         | 3.16  | 7,130                    |              |       |  |
| 7             | 0.40  | 10,880   | 57         | 3.20  | 4,630                    |              |       |  |
| 8             | 0.48  | 28,380   | 58         | 3.28  | -2,880                   |              |       |  |
| 9             | 0.50  | 20,880   | 59         | 3.30  | -1,630                   |              |       |  |
| 10            | 0.58  | -42,880  | 60         | 3.40  | 4,630                    |              |       |  |
| 11            | 0.60  | -39,130  | 61         | 3.50  | -4,130                   |              |       |  |
| 12            | 0.70  | 24,630   | 62         | 3.52  | -7,880                   |              |       |  |
| 13            | 0.71  | 27,130   | 63         | 3.60  | -2,880                   |              |       |  |
| 14            | 0.80  | 4,630    | 64         | 3.70  | 5,880                    |              |       |  |
| 15            | 0.83  | -12,880  | 65         | 3.76  | 4,630                    |              |       |  |
| 16            | 0.90  | 10,880   | 66         | 3.80  | 5,880                    |              |       |  |
| 17            | 1.00  | -17,880  | 67         | 3.82  | 7,130                    |              |       |  |
| 18            | 1.10  | 8,380    | 68         | 3.90  | -6,630                   |              |       |  |
| 19            | 1.12  | 12,130   | 69         | 3.94  | -7,880                   |              |       |  |
| 20            | 1.19  | 5,880    | 70         | 4.00  | -4,130                   |              |       |  |
| 21            | 1.20  | -7,880   | 71         | 4.06  | 2,130                    |              |       |  |
| 22            | 1.24  | -24,130  | 72         | 4.10  | 2,130                    |              |       |  |
| 23            | 1.30  | 4,630    | 73         | 4.14  | 2,130                    |              |       |  |
| 24            | 1.37  | 27,130   | 74         | 4.20  | 4,630                    |              |       |  |
| 25            | 1.40  | 9,630    | 75         | 4.27  | -4,130                   |              |       |  |
| 26            | 1.48  | -30,380  | 76         | 4.30  | -2,880                   |              |       |  |
| 27            | 1.50  | -25,380  | 77         | 4.36  | 4,630                    |              |       |  |
| 28            | 1.60  | 9,630    | 78         | 4.40  | 0,880                    |              |       |  |
| 29            | 1.62  | 10,880   | 79         | 4.42  | -0,380                   |              |       |  |
| 30            | 1.67  | -1,630   | 80         | 4.46  | 0,880                    |              |       |  |
| 31            | 1.70  | 2,130    | 81         | 4.50  | -4,130                   |              |       |  |
| 32            | 1.74  | 10,880   | 82         | 4.52  | -5,380                   |              |       |  |
| 33            | 1.80  | -4,130   | 83         | 4.57  | 2,130                    |              |       |  |
| 34            | 1.86  | -7,880   | 84         | 4.60  | 0,880                    |              |       |  |
| 35            | 1.90  | -14,130  | 85         | 4.64  | -0,380                   |              |       |  |
| 36            | 2.00  | 13,380   | 86         | 4.70  | 4,630                    |              |       |  |
| 37            | 2.02  | 14,630   | 87         | 4.72  | 5,880                    |              |       |  |
| 38            | 2.10  | -5,380   | 88         | 4.80  | -2,880                   |              |       |  |
| 39            | 2.14  | -1,630   | 89         | 4.83  | -4,130                   |              |       |  |
| 40            | 2.20  | -4,130   | 90         | 4.90  | -0,380                   |              |       |  |
| 41            | 2.30  | 4,630    | 91         | 4.97  | -4,130                   |              |       |  |
| 42            | 2.37  | -7,880   | 92         | 5.00  | -1,630                   |              |       |  |
| 43            | 2.40  | -0,380   |            |       |                          |              |       |  |
| 44            | 2.44  | 4,630    |            |       |                          |              |       |  |
| 45            | 2.50  | -1,630   |            |       |                          |              |       |  |
| 46            | 2.55  | 0,880    |            |       |                          |              |       |  |
| 47            | 2.60  | -1,630   |            |       |                          |              |       |  |
| 48            | 2.67  | -0,380   |            |       |                          |              |       |  |
| 49            | 2.70  | 3,380    |            |       |                          |              |       |  |
| 50            | 2.80  | 4,630    |            |       |                          |              |       |  |

| INDEX NO. 256 |       | 503-QR-9 | KANNONZAKI | N-S   | MAX.ACCEL.= -56,250(GAL) | T= 0.95(SEC) | NO. 1 |  |
|---------------|-------|----------|------------|-------|--------------------------|--------------|-------|--|
| NO.           | (SEC) | (GAL)    | NO.        | (SEC) | (GAL)                    |              |       |  |
| 1             | 0.    | -2,500   | 51         | 3.07  | -1,250                   |              |       |  |
| 2             | 0.07  | -2,500   | 52         | 3.10  | 10,000                   |              |       |  |
| 3             | 0.10  | 0.       | 53         | 3.14  | 17,500                   |              |       |  |
| 4             | 0.13  | -1,250   | 54         | 3.20  | -10,000                  |              |       |  |
| 5             | 0.20  | 0.       | 55         | 3.23  | -13,750                  |              |       |  |
| 6             | 0.25  | -2,500   | 56         | 3.30  | 3,750                    |              |       |  |
| 7             | 0.30  | 1,250    | 57         | 3.38  | -2,500                   |              |       |  |
| 8             | 0.33  | 3,750    | 58         | 3.40  | 0.                       |              |       |  |
| 9             | 0.40  | -13,750  | 59         | 3.44  | 6,250                    |              |       |  |
| 10            | 0.45  | -16,250  | 60         | 3.50  | -10,000                  |              |       |  |
| 11            | 0.50  | -3,750   | 61         | 3.60  | 6,250                    |              |       |  |
| 12            | 0.60  | 42,500   | 62         | 3.70  | 5,000                    |              |       |  |
| 13            | 0.70  | -30,000  | 63         | 3.80  | -6,250                   |              |       |  |
| 14            | 0.72  | -32,500  | 64         | 3.90  | 5,000                    |              |       |  |
| 15            | 0.80  | 35,000   | 65         | 3.97  | -5,000                   |              |       |  |
| 16            | 0.82  | 43,750   | 66         | 4.00  | 2,500                    |              |       |  |
| 17            | 0.90  | -37,500  | 67         | 4.03  | 5,000                    |              |       |  |
| 18            | 0.95  | -56,250  | 68         | 4.10  | 1,250                    |              |       |  |
| 19            | 1.00  | -23,750  | 69         | 4.16  | 3,750                    |              |       |  |
| 20            | 1.07  | 6,250    | 70         | 4.20  | 1,250                    |              |       |  |
| 21            | 1.10  | 10,000   | 71         | 4.30  | -1,250                   |              |       |  |
| 22            | 1.18  | 35,000   | 72         | 4.40  | -2,500                   |              |       |  |
| 23            | 1.20  | 39,500   | 73         | 4.46  | 5,000                    |              |       |  |
| 24            | 1.30  | 1,250    | 74         | 4.50  | 0.                       |              |       |  |
| 25            | 1.40  | -15,000  | 75         | 4.53  | -2,500                   |              |       |  |
| 26            | 1.50  | 22,500   | 76         | 4.60  | 5,000                    |              |       |  |
| 27            | 1.60  | -23,750  | 77         | 4.70  | -1,250                   |              |       |  |
| 28            | 1.70  | 8,750    | 78         | 4.80  | 0.                       |              |       |  |
| 29            | 1.73  | 1,250    | 79         | 4.86  | -1,250                   |              |       |  |
| 30            | 1.80  | 8,750    | 80         | 4.90  | -1,250                   |              |       |  |
| 31            | 1.90  | -20,000  | 81         | 4.93  | 2,500                    |              |       |  |
| 32            | 2.00  | 22,500   | 82         | 5.00  | -2,500                   |              |       |  |
| 33            | 2.07  | -20,000  |            |       |                          |              |       |  |
| 34            | 2.10  | -2,500   |            |       |                          |              |       |  |
| 35            | 2.15  | 18,750   |            |       |                          |              |       |  |
| 36            | 2.20  | -5,000   |            |       |                          |              |       |  |
| 37            | 2.24  | -15,000  |            |       |                          |              |       |  |
| 38            | 2.30  | -5,000   |            |       |                          |              |       |  |
| 39            | 2.34  | -6,250   |            |       |                          |              |       |  |
| 40            | 2.40  | 16,250   |            |       |                          |              |       |  |
| 41            | 2.50  | -2,500   |            |       |                          |              |       |  |
| 42            | 2.57  | 6,250    |            |       |                          |              |       |  |
| 43            | 2.60  | 3,750    |            |       |                          |              |       |  |
| 44            | 2.70  | -8,750   |            |       |                          |              |       |  |
| 45            | 2.72  | -10,000  |            |       |                          |              |       |  |
| 46            | 2.80  | 7,500    |            |       |                          |              |       |  |
| 47            | 2.86  | 13,750   |            |       |                          |              |       |  |
| 48            | 2.90  | 1,250    |            |       |                          |              |       |  |
| 49            | 2.94  | -7,500   |            |       |                          |              |       |  |
| 50            | 3.00  | 0.       |            |       |                          |              |       |  |

INDEX NO. 257 902-QR-26 NISHIAKAI BRIDGE LG MAX.ACCEL.= 39.380(GAL) T= 0.90(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 1   | 0.    | 4.380   | 51  | 3.00  | -11.880 | 101 | 5.90  | -1.880  | 151 | 8.75  | -1.880 |
| 2   | 0.10  | 1.880   | 52  | 3.03  | -13.130 | 102 | 5.95  | -3.130  | 152 | 8.80  | -1.880 |
| 3   | 0.20  | 1.880   | 53  | 3.07  | -8.130  | 103 | 6.00  | -10.630 | 153 | 8.82  | -1.880 |
| 4   | 0.30  | 0.630   | 54  | 3.10  | -6.880  | 104 | 6.10  | -1.880  | 154 | 8.90  | -1.880 |
| 5   | 0.40  | 1.880   | 55  | 3.12  | -5.630  | 105 | 6.15  | -0.630  | 155 | 8.91  | -0.630 |
| 6   | 0.50  | 4.380   | 56  | 3.20  | 13.130  | 106 | 6.20  | -3.130  | 156 | 8.96  | -5.630 |
| 7   | 0.60  | -5.630  | 57  | 3.22  | 15.630  | 107 | 6.30  | 4.380   | 157 | 9.00  | -1.880 |
| 8   | 0.70  | -4.380  | 58  | 3.30  | 3.130   | 108 | 6.33  | 5.630   |     |       |        |
| 9   | 0.78  | -15.630 | 59  | 3.35  | 1.880   | 109 | 6.40  | 1.880   |     |       |        |
| 10  | 0.80  | -14.380 | 60  | 3.36  | 3.130   | 110 | 6.45  | 1.250   |     |       |        |
| 11  | 0.90  | 39.380  | 61  | 3.40  | 1.880   | 111 | 6.50  | 3.130   |     |       |        |
| 12  | 0.96  | 24.380  | 62  | 3.45  | 4.380   | 112 | 6.55  | 5.630   |     |       |        |
| 13  | 1.00  | 21.880  | 63  | 3.50  | 0.630   | 113 | 6.60  | 1.880   |     |       |        |
| 14  | 1.03  | 20.630  | 64  | 3.57  | -9.380  | 114 | 6.64  | -0.630  |     |       |        |
| 15  | 1.10  | -13.130 | 65  | 3.60  | -8.130  | 115 | 6.67  | -0.630  |     |       |        |
| 16  | 1.13  | -25.630 | 66  | 3.70  | 3.130   | 116 | 6.70  | -0.630  |     |       |        |
| 17  | 1.20  | -29.380 | 67  | 3.80  | -8.130  | 117 | 6.74  | -0.630  |     |       |        |
| 18  | 1.24  | -35.630 | 68  | 3.83  | -9.380  | 118 | 6.80  | 2.500   |     |       |        |
| 19  | 1.30  | -21.880 | 69  | 3.90  | 0.630   | 119 | 6.90  | 0.630   |     |       |        |
| 20  | 1.32  | -19.380 | 70  | 3.97  | 11.880  | 120 | 7.00  | 1.250   |     |       |        |
| 21  | 1.40  | 23.130  | 71  | 4.00  | 9.380   | 121 | 7.06  | -3.130  |     |       |        |
| 22  | 1.45  | 24.380  | 72  | 4.04  | 1.880   | 122 | 7.10  | -3.130  |     |       |        |
| 23  | 1.50  | 33.130  | 73  | 4.08  | 1.880   | 123 | 7.12  | -3.130  |     |       |        |
| 24  | 1.60  | -8.130  | 74  | 4.10  | 0.630   | 124 | 7.16  | -4.380  |     |       |        |
| 25  | 1.64  | 1.880   | 75  | 4.15  | -0.630  | 125 | 7.20  | -1.880  |     |       |        |
| 26  | 1.70  | -8.130  | 76  | 4.20  | 0.630   | 126 | 7.29  | -1.880  |     |       |        |
| 27  | 1.73  | -8.130  | 77  | 4.24  | 1.880   | 127 | 7.30  | 4.380   |     |       |        |
| 28  | 1.80  | -16.880 | 78  | 4.30  | -5.630  | 128 | 7.35  | 3.130   |     |       |        |
| 29  | 1.83  | -20.630 | 79  | 4.35  | -8.130  | 129 | 7.40  | 4.380   |     |       |        |
| 30  | 1.90  | -5.630  | 80  | 4.40  | -6.880  | 130 | 7.50  | 11.880  |     |       |        |
| 31  | 1.96  | -0.630  | 81  | 4.50  | 4.380   | 131 | 7.60  | -1.880  |     |       |        |
| 32  | 2.00  | -1.880  | 82  | 4.60  | -1.880  | 132 | 7.67  | -8.130  |     |       |        |
| 33  | 2.07  | 14.380  | 83  | 4.70  | 4.380   | 133 | 7.70  | -8.130  |     |       |        |
| 34  | 2.10  | 14.380  | 84  | 4.75  | 5.630   | 134 | 7.80  | 1.880   |     |       |        |
| 35  | 2.13  | 14.380  | 85  | 4.80  | 1.880   | 135 | 7.85  | 4.380   |     |       |        |
| 36  | 2.20  | 11.880  | 86  | 4.87  | -8.130  | 136 | 7.90  | 3.130   |     |       |        |
| 37  | 2.30  | -19.380 | 87  | 4.90  | -6.880  | 137 | 7.95  | 1.880   |     |       |        |
| 38  | 2.38  | 1.880   | 88  | 4.98  | 4.380   | 138 | 8.00  | 2.500   |     |       |        |
| 39  | 2.40  | -0.630  | 89  | 5.00  | 5.630   | 139 | 8.05  | 1.880   |     |       |        |
| 40  | 2.48  | -15.630 | 90  | 5.10  | -9.380  | 140 | 8.10  | 2.500   |     |       |        |
| 41  | 2.50  | -14.380 | 91  | 5.20  | 3.180   | 141 | 8.15  | 1.880   |     |       |        |
| 42  | 2.60  | 16.880  | 92  | 5.28  | 1.880   | 142 | 8.20  | 3.130   |     |       |        |
| 43  | 2.64  | 15.630  | 93  | 5.30  | 1.880   | 143 | 8.30  | -8.130  |     |       |        |
| 44  | 2.68  | 16.880  | 94  | 5.33  | 1.880   | 144 | 8.32  | -9.380  |     |       |        |
| 45  | 2.70  | 14.380  | 95  | 5.40  | -3.130  | 145 | 8.40  | 1.880   |     |       |        |
| 46  | 2.77  | 1.880   | 96  | 5.50  | -0.630  | 146 | 8.45  | -0.630  |     |       |        |
| 47  | 2.80  | 1.880   | 97  | 5.60  | 4.380   | 147 | 8.50  | 3.130   |     |       |        |
| 48  | 2.82  | 1.880   | 98  | 5.70  | 4.380   | 148 | 8.55  | 3.130   |     |       |        |
| 49  | 2.90  | -13.130 | 99  | 5.80  | 5.630   | 149 | 8.60  | 8.130   |     |       |        |
| 50  | 2.97  | -10.630 | 100 | 5.86  | -1.880  | 150 | 8.70  | 3.130   |     |       |        |

INDEX NO. 258 902-QR-26 NISHIAKAI BRIDGE TR MAX.ACCEL.= -52.000(GAL) T= 1.57(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 1   | 0.    | -4.500  | 52  | 2.85  | 1.750   | 102 | 5.20  | 0.750   | 151 | 7.93  | 3.500  |
| 2   | 0.10  | -2.000  | 53  | 2.90  | 15.500  | 103 | 5.30  | 8.000   | 152 | 7.98  | -0.750 |
| 3   | 0.20  | -4.500  | 54  | 2.92  | 16.750  | 104 | 5.32  | 10.500  | 153 | 8.00  | -0.750 |
| 4   | 0.23  | -4.500  | 55  | 3.00  | 11.750  | 105 | 5.38  | 8.000   | 154 | 8.03  | -0.750 |
| 5   | 0.30  | -2.000  | 56  | 3.06  | 16.750  | 106 | 5.40  | 9.250   | 155 | 8.10  | -4.500 |
| 6   | 0.40  | -3.250  | 57  | 3.10  | -2.000  | 107 | 5.45  | 10.500  | 156 | 8.16  | 5.500  |
| 7   | 0.43  | -3.880  | 58  | 3.13  | -7.000  | 108 | 5.50  | 1.750   | 157 | 8.20  | 1.750  |
| 8   | 0.46  | -3.250  | 59  | 3.17  | -5.750  | 109 | 5.55  | 0.500   | 158 | 8.23  | -0.750 |
| 9   | 0.50  | -3.880  | 60  | 3.20  | -7.000  | 110 | 5.60  | -3.250  | 159 | 8.27  | 0.500  |
| 10  | 0.53  | -4.500  | 61  | 3.25  | -18.250 | 111 | 5.70  | -9.800  | 160 | 8.30  | 1.750  |
| 11  | 0.60  | 0.500   | 62  | 3.30  | -12.000 | 112 | 5.78  | -9.700  | 161 | 8.33  | 4.250  |
| 12  | 0.70  | -7.000  | 63  | 3.37  | -9.500  | 113 | 5.80  | -5.750  | 162 | 8.40  | 3.000  |
| 13  | 0.76  | -4.500  | 64  | 3.40  | -4.500  | 114 | 5.83  | -0.750  | 163 | 8.44  | 4.250  |
| 14  | 0.80  | -5.750  | 65  | 3.45  | 8.000   | 115 | 5.90  | 0.500   | 164 | 8.50  | -2.000 |
| 15  | 0.90  | -17.000 | 66  | 3.50  | 8.000   | 116 | 5.93  | 4.250   | 165 | 8.56  | 5.500  |
| 16  | 1.00  | -5.130  | 67  | 3.53  | 8.000   | 117 | 6.00  | 5.500   | 166 | 8.60  | 3.000  |
| 17  | 1.04  | -14.500 | 68  | 3.60  | 18.000  | 118 | 6.03  | 8.000   | 167 | 8.65  | 5.500  |
| 18  | 1.10  | 9.250   | 69  | 3.68  | -9.500  | 119 | 6.10  | 6.750   | 168 | 8.70  | 3.000  |
| 19  | 1.17  | 33.000  | 70  | 3.70  | -9.500  | 120 | 6.14  | 9.250   | 169 | 8.78  | 5.500  |
| 20  | 1.20  | 33.000  | 71  | 3.74  | -9.500  | 121 | 6.20  | 0.500   | 170 | 8.80  | 6.750  |
| 21  | 1.23  | 33.000  | 72  | 3.76  | -10.750 | 122 | 6.30  | -2.000  | 171 | 8.83  | 9.250  |
| 22  | 1.30  | 35.500  | 73  | 3.80  | -9.750  | 123 | 6.36  | 3.000   | 172 | 8.90  | 5.500  |
| 23  | 1.35  | 29.250  | 74  | 3.86  | 3.000   | 124 | 6.40  | -0.750  | 173 | 8.93  | 6.750  |
| 24  | 1.40  | -14.500 | 75  | 3.90  | 0.500   | 125 | 6.49  | -7.000  | 174 | 9.00  | 5.500  |
| 25  | 1.45  | -44.500 | 76  | 3.95  | -8.250  | 126 | 6.50  | -5.750  |     |       |        |
| 26  | 1.50  | -37.000 | 77  | 4.00  | 0.500   | 127 | 6.52  | -3.250  |     |       |        |
| 27  | 1.57  | -52.000 | 78  | 4.10  | -0.750  | 128 | 6.60  | -8.250  |     |       |        |
| 28  | 1.60  | -49.500 | 79  | 4.13  | 1.750   | 129 | 6.67  | -3.250  |     |       |        |
| 29  | 1.70  | 8.000   | 80  | 4.20  | -2.000  | 130 | 6.70  | -5.750  |     |       |        |
| 30  | 1.75  | 11.750  | 81  | 4.30  | 5.500   | 131 | 6.75  | 1.750   |     |       |        |
| 31  | 1.80  | 6.750   | 82  | 4.35  | 8.000   | 132 | 6.80  | 5.500   |     |       |        |
| 32  | 1.87  | 13.000  | 83  | 4.40  | 5.500   | 133 | 6.90  | 18.000  |     |       |        |
| 33  | 1.90  | 9.250   | 84  | 4.48  | -4.500  | 134 | 7.00  | 8.000   |     |       |        |
| 34  | 1.97  | -5.250  | 85  | 4.50  | -3.250  | 135 | 7.10  | -0.750  |     |       |        |
| 35  | 2.00  | -3.880  | 86  | 4.60  | 5.500   | 136 | 7.12  | -2.000  |     |       |        |
| 36  | 2.03  | -2.000  | 87  | 4.62  | 6.750   | 137 | 7.18  | -0.750  |     |       |        |
| 37  | 2.10  | 8.000   | 88  | 4.70  | -4.500  | 138 | 7.20  | -3.250  |     |       |        |
| 38  | 2.15  | 14.250  | 89  | 4.75  | 0.500   | 139 | 7.22  | -4.500  |     |       |        |
| 39  | 2.20  | 0.500   | 90  | 4.80  | 1.750   | 140 | 7.28  | -4.500  |     |       |        |
| 40  | 2.23  | -2.000  | 91  | 4.87  | -7.000  | 141 | 7.30  | -7.000  |     |       |        |
| 41  | 2.30  | 3.000   | 92  | 4.90  | -9.500  | 142 | 7.33  | -13.250 |     |       |        |
| 42  | 2.40  | -5.750  | 93  | 4.93  | -8.250  | 143 | 7.40  | -10.750 |     |       |        |
| 43  | 2.45  | -5.750  | 94  | 4.98  | -12.000 | 144 | 7.50  | 8.000   |     |       |        |
| 44  | 2.50  | -10.750 | 95  | 5.00  | -7.000  | 145 | 7.55  | 18.000  |     |       |        |
| 45  | 2.57  | -0.750  | 96  | 5.03  | 1.750   | 146 | 7.60  | 14.250  |     |       |        |
| 46  | 2.60  | -4.500  | 97  | 5.08  | 3.000   | 147 | 7.64  | 14.250  |     |       |        |
| 47  | 2.62  | -9.500  | 98  | 5.10  | 5.500   | 148 | 7.70  | 8.000   |     |       |        |
| 48  | 2.67  | -10.750 | 99  | 5.12  | 8.000   | 149 | 7.80  | -2.000  |     |       |        |
| 49  | 2.70  | -17.000 | 100 | 5.18  | -0.750  | 150 | 7.90  | 3.000   |     |       |        |
| 50  | 2.72  | -18.250 |     |       |         |     |       |         |     |       |        |

| INDEX NO. 259 |       | 907-QR-2 | TAIRA BRIDGE |       | TR      | MAX.ACCEL.= 38,250(GAL) |       | T= 2.10(SEC) | NO. 1 |  |
|---------------|-------|----------|--------------|-------|---------|-------------------------|-------|--------------|-------|--|
| NO.           | (SEC) | (GAL)    | NO.          | (SEC) | (GAL)   | NO.                     | (SEC) | (GAL)        |       |  |
| 1             | 0     | 0.750    | 51           | 2.98  | 10.780  | 101                     | 6.40  | 3,250        |       |  |
| 2             | 0.10  | 0.750    | 52           | 3.00  | 4,500   | 102                     | 6.50  | -5,500       |       |  |
| 3             | 0.20  | -1.750   | 53           | 3.10  | 7,000   | 103                     | 6.55  | -5,500       |       |  |
| 4             | 0.30  | -1.750   | 54           | 3.15  | -14,250 | 104                     | 6.60  | -4,250       |       |  |
| 5             | 0.40  | 0.750    | 55           | 3.20  | -11,780 | 105                     | 6.70  | 9,500        |       |  |
| 6             | 0.50  | -3,000   | 56           | 3.25  | -5,500  | 106                     | 6.80  | 7,000        |       |  |
| 7             | 0.60  | 0.750    | 57           | 3.30  | -8,000  | 107                     | 6.83  | 7,000        |       |  |
| 8             | 0.70  | -9,250   | 58           | 3.40  | 13,250  | 108                     | 6.90  | -1,750       |       |  |
| 9             | 0.77  | -9,250   | 59           | 3.48  | -1,750  | 109                     | 7.00  | -8,000       |       |  |
| 10            | 0.80  | -5,500   | 60           | 3.50  | 0.750   | 110                     | 7.03  | -8,000       |       |  |
|               |       |          |              |       |         |                         |       |              |       |  |
| 11            | 0.84  | 3,250    | 61           | 3.60  | 0.750   | 111                     | 7.10  | 0.750        |       |  |
| 12            | 0.90  | 13,250   | 62           | 3.70  | 5,750   | 112                     | 7.20  | 8,250        |       |  |
| 13            | 1.00  | -33,000  | 63           | 3.80  | -5,500  | 113                     | 7.30  | -3,000       |       |  |
| 14            | 1.07  | -3,000   | 64           | 3.88  | 4,500   | 114                     | 7.40  | -9,250       |       |  |
| 15            | 1.10  | -9,250   | 65           | 3.90  | -1,750  | 115                     | 7.50  | 0.750        |       |  |
| 16            | 1.15  | -11,750  | 66           | 4.00  | -6,780  | 116                     | 7.60  | 8,250        |       |  |
| 17            | 1.20  | 13,250   | 67           | 4.08  | -1,750  | 117                     | 7.70  | 4,500        |       |  |
| 18            | 1.22  | 35,750   | 68           | 4.10  | -1,750  | 118                     | 7.80  | -1,750       |       |  |
| 19            | 1.28  | 9,500    | 69           | 4.20  | 5,750   | 119                     | 7.90  | -1,750       |       |  |
| 20            | 1.30  | 9,500    | 70           | 4.30  | -5,500  | 120                     | 8.00  | 7,000        |       |  |
|               |       |          |              |       |         |                         |       |              |       |  |
| 21            | 1.32  | 13,250   | 71           | 4.40  | 5,750   | 121                     | 8.05  | 13,250       |       |  |
| 22            | 1.40  | -28,000  | 72           | 4.48  | 0.750   | 122                     | 8.10  | 9,500        |       |  |
| 23            | 1.47  | 4,500    | 73           | 4.50  | 3,250   | 123                     | 8.20  | -15,500      |       |  |
| 24            | 1.50  | -11,750  | 74           | 4.53  | 7,000   | 124                     | 8.30  | -11,750      |       |  |
| 25            | 1.53  | -24,250  | 75           | 4.60  | 5,750   | 125                     | 8.40  | 0.750        |       |  |
| 26            | 1.60  | 13,250   | 76           | 4.70  | -5,500  | 126                     | 8.45  | 9,500        |       |  |
| 27            | 1.63  | 22,000   | 77           | 4.78  | 3,250   | 127                     | 8.50  | 8,250        |       |  |
| 28            | 1.68  | 0.750    | 78           | 4.80  | 0.750   | 128                     | 8.60  | 0.750        |       |  |
| 29            | 1.70  | 0.750    | 79           | 4.90  | -4,250  | 129                     | 8.65  | -3,000       |       |  |
| 30            | 1.74  | 37,000   | 80           | 4.97  | 0.750   | 130                     | 8.70  | 0.750        |       |  |
|               |       |          |              |       |         |                         |       |              |       |  |
| 31            | 1.80  | -11,750  | 81           | 5.00  | -5,500  | 131                     | 8.80  | 0.750        |       |  |
| 32            | 1.86  | -33,000  | 82           | 5.08  | 0.750   | 132                     | 8.90  | 0.750        |       |  |
| 33            | 1.90  | 0.750    | 83           | 5.10  | -3,000  | 133                     | 9.00  | 0.750        |       |  |
| 34            | 1.93  | 7,000    | 84           | 5.15  | -8,000  |                         |       |              |       |  |
| 35            | 2.00  | -36,750  | 85           | 5.20  | 0.750   |                         |       |              |       |  |
| 36            | 2.07  | 19,500   | 86           | 5.30  | 5,750   |                         |       |              |       |  |
| 37            | 2.10  | 38,250   | 87           | 5.40  | 0.750   |                         |       |              |       |  |
| 38            | 2.20  | -1,750   | 88           | 5.48  | 4,500   |                         |       |              |       |  |
| 39            | 2.28  | 3,250    | 89           | 5.50  | 4,500   |                         |       |              |       |  |
| 40            | 2.30  | -11,750  | 90           | 5.55  | 7,000   |                         |       |              |       |  |
|               |       |          |              |       |         |                         |       |              |       |  |
| 41            | 2.35  | -28,000  | 91           | 5.60  | 4,500   |                         |       |              |       |  |
| 42            | 2.40  | -20,500  | 92           | 5.70  | -1,750  |                         |       |              |       |  |
| 43            | 2.48  | 20,750   | 93           | 5.75  | -10,500 |                         |       |              |       |  |
| 44            | 2.50  | 13,250   | 94           | 5.80  | -8,000  |                         |       |              |       |  |
| 45            | 2.53  | 7,000    | 95           | 5.90  | 0.750   |                         |       |              |       |  |
| 46            | 2.60  | 10,750   | 96           | 5.92  | 7,000   |                         |       |              |       |  |
| 47            | 2.70  | -9,250   | 97           | 6.00  | 4,500   |                         |       |              |       |  |
| 48            | 2.80  | 0.750    | 98           | 6.10  | -3,000  |                         |       |              |       |  |
| 49            | 2.88  | -8,000   | 99           | 6.20  | -1,750  |                         |       |              |       |  |
| 50            | 2.90  | 0.750    | 100          | 6.30  | 9,500   |                         |       |              |       |  |

| INDEX NO. 260 |       | 907-QR-2 | TAIRA BRIDGE |       | LG     | MAX.ACCEL.= -51.130(GAL) |       | T= 1.14(SEC) | NO. 1 |  |  |
|---------------|-------|----------|--------------|-------|--------|--------------------------|-------|--------------|-------|--|--|
| NO.           | (SEC) | (GAL)    | NO.          | (SEC) | (GAL)  | NO.                      | (SEC) | (GAL)        |       |  |  |
| 1             | 0     | 1.750    | 51           | 3.00  | -7.380 | 101                      | 6.60  | -1.130       |       |  |  |
| 2             | 0.10  | 1.750    | 52           | 3.05  | -7.380 | 102                      | 6.70  | -6.130       |       |  |  |
| 3             | 0.20  | -1.130   | 53           | 3.10  | 8.880  | 103                      | 6.78  | 1.380        |       |  |  |
| 4             | 0.22  | -3.630   | 54           | 3.20  | -1.130 | 104                      | 6.80  | 1.380        |       |  |  |
| 5             | 0.30  | -1.130   | 55           | 3.24  | -1.130 | 105                      | 6.90  | -1.130       |       |  |  |
| 6             | 0.40  | -1.130   | 56           | 3.30  | -7.380 | 106                      | 6.93  | -3.630       |       |  |  |
| 7             | 0.45  | 1.380    | 57           | 3.40  | 6.380  | 107                      | 7.00  | -1.130       |       |  |  |
| 8             | 0.50  | -3.630   | 58           | 3.45  | 11.380 | 108                      | 7.10  | 1.380        |       |  |  |
| 9             | 0.53  | -4.880   | 59           | 3.50  | 7.630  | 109                      | 7.13  | 11.380       |       |  |  |
| 10            | 0.60  | 3.880    | 60           | 3.60  | -9.880 | 110                      | 7.20  | 8.880        |       |  |  |
|               |       |          |              |       |        |                          |       |              |       |  |  |
| 11            | 0.65  | -4.880   | 61           | 3.70  | -3.630 | 111                      | 7.30  | 3.880        |       |  |  |
| 12            | 0.70  | -4.880   | 62           | 3.75  | -3.630 | 112                      | 7.40  | -1.130       |       |  |  |
| 13            | 0.75  | 0.130    | 63           | 3.80  | 5.130  | 113                      | 7.50  | -3.630       |       |  |  |
| 14            | 0.80  | -13.630  | 64           | 3.85  | 2.630  | 114                      | 7.60  | -1.130       |       |  |  |
| 15            | 0.90  | 25.130   | 65           | 3.90  | 5.130  | 115                      | 7.65  | 1.380        |       |  |  |
| 16            | 0.94  | 30.130   | 66           | 4.00  | -6.130 | 116                      | 7.70  | -1.130       |       |  |  |
| 17            | 1.00  | 13.880   | 67           | 4.05  | -6.130 | 117                      | 7.80  | -1.130       |       |  |  |
| 18            | 1.03  | 18.880   | 68           | 4.10  | -8.670 | 118                      | 7.90  | 2.630        |       |  |  |
| 19            | 1.10  | -38.630  | 69           | 4.20  | 11.380 | 119                      | 8.00  | 6.380        |       |  |  |
| 20            | 1.14  | -51.130  | 70           | 4.22  | 12.630 | 120                      | 8.10  | 1.380        |       |  |  |
|               |       |          |              |       |        |                          |       |              |       |  |  |
| 21            | 1.20  | -13.130  | 71           | 4.30  | 11.380 | 121                      | 8.20  | 5.130        |       |  |  |
| 22            | 1.25  | -13.630  | 72           | 4.40  | -1.130 | 122                      | 8.30  | 1.380        |       |  |  |
| 23            | 1.30  | -1.130   | 73           | 4.50  | -1.130 | 123                      | 8.40  | -1.130       |       |  |  |
| 24            | 1.33  | 12.630   | 74           | 4.60  | 5.130  | 124                      | 8.50  | -1.130       |       |  |  |
| 25            | 1.37  | 12.630   | 75           | 4.70  | -7.380 | 125                      | 8.60  | 3.880        |       |  |  |
| 26            | 1.40  | 11.380   | 76           | 4.80  | -7.380 | 126                      | 8.70  | -1.130       |       |  |  |
| 27            | 1.50  | -23.630  | 77           | 4.88  | -7.380 | 127                      | 8.80  | -1.130       |       |  |  |
| 28            | 1.57  | -23.630  | 78           | 4.90  | -1.130 | 128                      | 8.88  | 3.880        |       |  |  |
| 29            | 1.60  | -1.130   | 79           | 4.93  | 8.880  | 129                      | 8.90  | 2.630        |       |  |  |
| 30            | 1.66  | 12.630   | 80           | 5.00  | -3.630 | 130                      | 9.00  | 1.380        |       |  |  |
|               |       |          |              |       |        |                          |       |              |       |  |  |
| 31            | 1.70  | 5.130    | 81           | 5.03  | -6.130 |                          |       |              |       |  |  |
| 32            | 1.72  | 2.630    | 82           | 5.10  | 7.630  |                          |       |              |       |  |  |
| 33            | 1.80  | 30.130   | 83           | 5.20  | 2.630  |                          |       |              |       |  |  |
| 34            | 1.88  | -17.380  | 84           | 5.25  | 5.130  |                          |       |              |       |  |  |
| 35            | 1.90  | -1.130   | 85           | 5.30  | 5.130  |                          |       |              |       |  |  |
| 36            | 1.93  | 17.630   | 86           | 5.40  | 2.630  |                          |       |              |       |  |  |
| 37            | 2.00  | -13.630  | 87           | 5.50  | -1.130 |                          |       |              |       |  |  |
| 38            | 2.02  | -21.130  | 88           | 5.60  | -3.630 |                          |       |              |       |  |  |
| 39            | 2.10  | 11.380   | 89           | 5.70  | -1.130 |                          |       |              |       |  |  |
| 40            | 2.20  | -1.130   | 90           | 5.80  | 6.380  |                          |       |              |       |  |  |
|               |       |          |              |       |        |                          |       |              |       |  |  |
| 41            | 2.30  | -4.880   | 91           | 5.83  | 7.630  |                          |       |              |       |  |  |
| 42            | 2.40  | -23.630  | 92           | 5.90  | -4.880 |                          |       |              |       |  |  |
| 43            | 2.50  | 13.880   | 93           | 6.00  | -7.380 |                          |       |              |       |  |  |
| 44            | 2.58  | -4.880   | 94           | 6.08  | 2.630  |                          |       |              |       |  |  |
| 45            | 2.60  | -1.130   | 95           | 6.10  | 5.130  |                          |       |              |       |  |  |
| 46            | 2.66  | 5.130    | 96           | 6.20  | 11.380 |                          |       |              |       |  |  |
| 47            | 2.70  | 1.380    | 97           | 6.25  | -6.130 |                          |       |              |       |  |  |
| 48            | 2.72  | 1.380    | 98           | 6.30  | -6.130 |                          |       |              |       |  |  |
| 49            | 2.80  | 23.880   | 99           | 6.40  | -1.130 |                          |       |              |       |  |  |
| 50            | 2.90  | -4.880   | 100          | 6.50  | 11.380 |                          |       |              |       |  |  |

INDEX NO. 261 1004-GR-1 SAKAIGAWA BRIDGELG MAX.ACCEL.= 25,380(GAL) T= 2.94(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 1   | 0.    | 0,380   | 51  | 3.05  | -24,630 | 101 | 6.47  | 1,630  |
| 2   | 0.04  | -2,130  | 52  | 3.10  | -3,340  | 102 | 6.50  | -2,130 |
| 3   | 0.10  | 0,380   | 53  | 3.14  | 4,130   | 103 | 6.60  | 0,380  |
| 4   | 0.15  | -2,130  | 54  | 3.20  | -2,130  | 104 | 6.66  | -3,380 |
| 5   | 0.20  | 0,380   | 55  | 3.23  | -7,130  | 105 | 6.70  | 0,380  |
| 6   | 0.30  | 0,380   | 56  | 3.30  | 0,380   | 106 | 6.80  | 0,380  |
| 7   | 0.40  | -0,880  | 57  | 3.33  | 6,630   | 107 | 6.90  | 0,380  |
| 8   | 0.50  | 2,880   | 58  | 3.40  | 0,380   | 108 | 7.00  | 0,380  |
| 9   | 0.60  | 7,880   | 59  | 3.43  | -0,880  |     |       |        |
| 10  | 0.65  | -8,380  | 60  | 3.50  | 0,380   |     |       |        |
| 11  | 0.70  | 0,380   | 61  | 3.57  | -7,130  |     |       |        |
| 12  | 0.72  | 2,880   | 62  | 3.60  | 5,880   |     |       |        |
| 13  | 0.80  | -2,130  | 63  | 3.64  | -8,380  |     |       |        |
| 14  | 0.90  | -5,880  | 64  | 3.68  | -4,630  |     |       |        |
| 15  | 1.00  | 2,880   | 65  | 3.70  | -8,380  |     |       |        |
| 16  | 1.10  | 5,380   | 66  | 3.80  | 2,880   |     |       |        |
| 17  | 1.15  | 12,880  | 67  | 3.84  | -0,880  |     |       |        |
| 18  | 1.20  | 10,380  | 68  | 3.90  | 2,880   |     |       |        |
| 19  | 1.30  | 4,130   | 69  | 4.00  | 1,630   |     |       |        |
| 20  | 1.34  | 9,130   | 70  | 4.08  | -3,380  |     |       |        |
| 21  | 1.40  | -7,130  | 71  | 4.10  | 0,380   |     |       |        |
| 22  | 1.43  | -8,380  | 72  | 4.15  | -3,380  |     |       |        |
| 23  | 1.50  | 0,380   | 73  | 4.20  | 2,880   |     |       |        |
| 24  | 1.53  | 4,130   | 74  | 4.26  | -5,880  |     |       |        |
| 25  | 1.60  | 0,380   | 75  | 4.30  | 11,630  |     |       |        |
| 26  | 1.62  | -0,880  | 76  | 4.40  | -7,130  |     |       |        |
| 27  | 1.70  | 12,880  | 77  | 4.50  | 2,880   |     |       |        |
| 28  | 1.80  | -5,880  | 78  | 4.60  | 9,130   |     |       |        |
| 29  | 1.88  | 14,130  | 79  | 4.70  | -8,380  |     |       |        |
| 30  | 1.90  | 20,380  | 80  | 4.74  | -9,630  |     |       |        |
| 31  | 1.98  | -12,130 | 81  | 4.80  | -4,630  |     |       |        |
| 32  | 2.00  | -9,630  | 82  | 4.90  | 0,380   |     |       |        |
| 33  | 2.05  | 4,130   | 83  | 5.00  | -5,880  |     |       |        |
| 34  | 2.10  | -14,630 | 84  | 5.10  | 0,380   |     |       |        |
| 35  | 2.20  | 0,380   | 85  | 5.12  | 1,630   |     |       |        |
| 36  | 2.23  | -5,880  | 86  | 5.20  | 2,880   |     |       |        |
| 37  | 2.30  | 1,630   | 87  | 5.30  | 0,380   |     |       |        |
| 38  | 2.34  | 4,130   | 88  | 5.40  | 0,380   |     |       |        |
| 39  | 2.40  | 1,630   | 89  | 5.50  | 1,680   |     |       |        |
| 40  | 2.50  | 2,880   | 90  | 5.60  | -5,880  |     |       |        |
| 41  | 2.53  | -4,630  | 91  | 5.70  | 0,380   |     |       |        |
| 42  | 2.57  | 1,630   | 92  | 5.80  | 5,380   |     |       |        |
| 43  | 2.60  | -12,130 | 93  | 5.90  | -8,380  |     |       |        |
| 44  | 2.70  | 10,380  | 94  | 6.00  | -7,130  |     |       |        |
| 45  | 2.75  | 20,380  | 95  | 6.04  | -9,630  |     |       |        |
| 46  | 2.80  | -4,630  | 96  | 6.10  | -0,880  |     |       |        |
| 47  | 2.85  | -17,130 | 97  | 6.20  | 0,380   |     |       |        |
| 48  | 2.90  | 21,630  | 98  | 6.27  | -2,130  |     |       |        |
| 49  | 2.94  | 25,380  | 99  | 6.30  | 0,380   |     |       |        |
| 50  | 3.00  | 0,380   | 100 | 6.40  | 0,380   |     |       |        |

INDEX NO. 262 1004-GR-1 SAKAIGAWA BRIDGETR MAX.ACCEL.= -54,500(GAL) T= 2.85(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|---------|-----|-------|--------|
| 1   | 0.    | -0,750  | 51  | 3.30  | -7,000  | 101 | 6.30  | -0,750 |
| 2   | 0.10  | 0,500   | 52  | 3.35  | 5,500   | 102 | 6.34  | 0,500  |
| 3   | 0.20  | 0,500   | 53  | 3.40  | -0,750  | 103 | 6.40  | -0,750 |
| 4   | 0.28  | 1,750   | 54  | 3.46  | 11,750  | 104 | 6.50  | -0,750 |
| 5   | 0.30  | -0,750  | 55  | 3.50  | -8,250  | 105 | 6.60  | -5,750 |
| 6   | 0.40  | -2,000  | 56  | 3.52  | -10,750 | 106 | 6.70  | -2,000 |
| 7   | 0.50  | 0,500   | 57  | 3.60  | 14,250  | 107 | 6.80  | -0,750 |
| 8   | 0.55  | 8,000   | 58  | 3.65  | -13,250 | 108 | 6.90  | -2,000 |
| 9   | 0.60  | 3,000   | 59  | 3.70  | 5,500   | 109 | 7.00  | -0,750 |
| 10  | 0.67  | -3,250  | 60  | 3.75  | 11,750  |     |       |        |
| 11  | 0.70  | 0,500   | 61  | 3.80  | -13,250 |     |       |        |
| 12  | 0.77  | 5,500   | 62  | 3.85  | -23,250 |     |       |        |
| 13  | 0.80  | 0,500   | 63  | 3.90  | 11,750  |     |       |        |
| 14  | 0.90  | -5,750  | 64  | 3.94  | 24,250  |     |       |        |
| 15  | 1.00  | 11,750  | 65  | 4.00  | 1,750   |     |       |        |
| 16  | 1.10  | 1,750   | 66  | 4.05  | -3,250  |     |       |        |
| 17  | 1.20  | 9,250   | 67  | 4.10  | 1,750   |     |       |        |
| 18  | 1.22  | 11,750  | 68  | 4.20  | -0,750  |     |       |        |
| 19  | 1.30  | 5,500   | 69  | 4.28  | 4,250   |     |       |        |
| 20  | 1.40  | 1,750   | 70  | 4.30  | -0,750  |     |       |        |
| 21  | 1.50  | 1,750   | 71  | 4.40  | 6,750   |     |       |        |
| 22  | 1.60  | -2,000  | 72  | 4.50  | -5,750  |     |       |        |
| 23  | 1.64  | -8,250  | 73  | 4.60  | 8,000   |     |       |        |
| 24  | 1.70  | 9,250   | 74  | 4.67  | 9,250   |     |       |        |
| 25  | 1.74  | 11,750  | 75  | 4.70  | 1,750   |     |       |        |
| 26  | 1.80  | -10,750 | 76  | 4.75  | 4,250   |     |       |        |
| 27  | 1.82  | -12,000 | 77  | 4.80  | -0,750  |     |       |        |
| 28  | 1.90  | 5,500   | 78  | 4.84  | 0,500   |     |       |        |
| 29  | 2.00  | 5,800   | 79  | 4.90  | -0,750  |     |       |        |
| 30  | 2.10  | -7,000  | 80  | 5.00  | -3,250  |     |       |        |
| 31  | 2.17  | -27,000 | 81  | 5.03  | 6,750   |     |       |        |
| 32  | 2.20  | -13,250 | 82  | 5.10  | -3,250  |     |       |        |
| 33  | 2.25  | 5,500   | 83  | 5.15  | -5,750  |     |       |        |
| 34  | 2.30  | -13,250 | 84  | 5.20  | -0,750  |     |       |        |
| 35  | 2.40  | -12,000 | 85  | 5.23  | 0,500   |     |       |        |
| 36  | 2.50  | 25,500  | 86  | 5.30  | -3,250  |     |       |        |
| 37  | 2.60  | -13,250 | 87  | 5.40  | 0,500   |     |       |        |
| 38  | 2.65  | -23,250 | 88  | 5.50  | -8,250  |     |       |        |
| 39  | 2.70  | 24,250  | 89  | 5.55  | -9,500  |     |       |        |
| 40  | 2.75  | 46,750  | 90  | 5.60  | -0,750  |     |       |        |
| 41  | 2.80  | -13,250 | 91  | 5.70  | 5,500   |     |       |        |
| 42  | 2.85  | -54,500 | 92  | 5.76  | 5,500   |     |       |        |
| 43  | 2.90  | -0,750  | 93  | 5.80  | -2,000  |     |       |        |
| 44  | 2.95  | 36,750  | 94  | 5.85  | -7,000  |     |       |        |
| 45  | 3.00  | -3,250  | 95  | 5.90  | -3,250  |     |       |        |
| 46  | 3.02  | -9,500  | 96  | 6.00  | -0,750  |     |       |        |
| 47  | 3.10  | 11,750  | 97  | 6.06  | 1,750   |     |       |        |
| 48  | 3.15  | 23,000  | 98  | 6.10  | -3,250  |     |       |        |
| 49  | 3.20  | -3,000  | 99  | 6.16  | -4,500  |     |       |        |
| 50  | 3.25  | -13,250 | 100 | 6.20  | -3,250  |     |       |        |

| INDEX NO. 263 |       |         | 1005-GR-1 | UBAKUBO BRIDGE TR |         | MAX.ACCEL. = -48,000(GAL) |       | T = 5.65(SEC) |     | NO. 1 |         |
|---------------|-------|---------|-----------|-------------------|---------|---------------------------|-------|---------------|-----|-------|---------|
| NO.           | (SEC) | (GAL)   | NO.       | (SEC)             | (GAL)   | NO.                       | (SEC) | (GAL)         | NO. | (SEC) | (GAL)   |
| 1             | 0.    | 8,250   | 51        | 2.90              | -8,000  | 101                       | 5.20  | 23,250        | 151 | 8.30  | 8,250   |
| 2             | 0.05  | -4,250  | 52        | 2.94              | -13,000 | 102                       | 5.30  | 7,000         | 152 | 8.34  | 7,000   |
| 3             | 0.10  | -1,750  | 53        | 2.98              | -11,750 | 103                       | 5.35  | 13,250        | 153 | 8.38  | 8,250   |
| 4             | 0.20  | 8,250   | 54        | 3.00              | -10,500 | 104                       | 5.40  | -10,500       | 154 | 8.40  | 3,250   |
| 5             | 0.24  | -10,750 | 55        | 3.05              | -3,000  | 105                       | 5.46  | -1,750        | 155 | 8.45  | -1,750  |
| 6             | 0.27  | -1,750  | 56        | 3.10              | -14,250 | 106                       | 5.50  | -13,000       | 156 | 8.50  | 3,250   |
| 7             | 0.30  | -0,500  | 57        | 3.15              | -10,500 | 107                       | 5.60  | 10,750        | 157 | 8.60  | -14,250 |
| 8             | 0.36  | -3,000  | 58        | 3.20              | 5,500   | 108                       | 5.66  | 9,500         | 158 | 8.63  | -16,750 |
| 9             | 0.40  | -4,250  | 59        | 3.24              | 8,250   | 109                       | 5.70  | 20,750        | 159 | 8.70  | 8,250   |
| 10            | 0.50  | -1,750  | 60        | 3.30              | -4,250  | 110                       | 5.80  | -14,250       | 160 | 8.75  | 10,750  |
| 11            | 0.60  | -0,500  | 61        | 3.33              | 18,250  | 111                       | 5.85  | -48,000       | 161 | 8.80  | -1,750  |
| 12            | 0.65  | -8,000  | 62        | 3.38              | -1,750  | 112                       | 5.88  | -14,250       | 162 | 8.90  | -4,250  |
| 13            | 0.70  | 7,000   | 63        | 3.40              | -0,500  | 113                       | 5.90  | -15,500       | 163 | 8.99  | -4,250  |
| 14            | 0.75  | -1,750  | 64        | 3.46              | -0,500  | 114                       | 5.95  | -1,750        | 164 | 9.00  | -1,750  |
| 15            | 0.80  | 0,750   | 65        | 3.50              | 10,750  | 115                       | 6.00  | 8,250         | 165 | 9.05  | 10,750  |
| 16            | 0.83  | 4,500   | 66        | 3.56              | 4,500   | 116                       | 6.05  | 23,250        | 166 | 9.10  | -1,750  |
| 17            | 0.90  | 4,500   | 67        | 3.60              | 0,750   | 117                       | 6.10  | -1,750        | 167 | 9.13  | -8,000  |
| 18            | 0.95  | -5,500  | 68        | 3.67              | -35,500 | 118                       | 6.16  | -14,250       | 168 | 9.20  | 10,750  |
| 19            | 1.00  | 4,500   | 69        | 3.70              | -33,000 | 119                       | 6.20  | -1,750        | 169 | 9.30  | 8,250   |
| 20            | 1.10  | -1,750  | 70        | 3.78              | -14,500 | 120                       | 6.30  | 17,000        | 170 | 9.36  | 17,000  |
| 21            | 1.15  | -5,750  | 71        | 3.80              | -13,000 | 121                       | 6.36  | -10,500       | 171 | 9.40  | -1,750  |
| 22            | 1.20  | 4,500   | 72        | 3.82              | -14,250 | 122                       | 6.40  | -8,000        | 172 | 9.50  | -1,750  |
| 23            | 1.25  | -1,750  | 73        | 3.88              | 32,000  | 123                       | 6.50  | -0,500        | 173 | 9.57  | 0,750   |
| 24            | 1.30  | 0,750   | 74        | 3.90              | 27,000  | 124                       | 6.60  | 10,750        | 174 | 9.60  | -0,500  |
| 25            | 1.40  | 0,750   | 75        | 3.94              | 23,250  | 125                       | 6.70  | -14,250       | 175 | 9.66  | -14,250 |
| 26            | 1.45  | 8,250   | 76        | 3.98              | 27,000  | 126                       | 6.76  | -1,750        | 176 | 9.70  | -10,500 |
| 27            | 1.50  | -1,750  | 77        | 4.00              | 7,000   | 127                       | 6.80  | -3,000        | 177 | 9.80  | 8,250   |
| 28            | 1.55  | -5,500  | 78        | 4.04              | 4,500   | 128                       | 6.88  | -4,250        | 178 | 9.90  | 4,500   |
| 29            | 1.60  | -3,000  | 79        | 4.10              | -14,250 | 129                       | 6.90  | -1,750        | 179 | 10.00 | -1,750  |
| 30            | 1.70  | 4,500   | 80        | 4.17              | -14,250 | 130                       | 6.95  | 2,000         | 180 | 10.05 | -0,500  |
| 31            | 1.75  | 4,500   | 81        | 4.20              | 8,250   | 131                       | 7.00  | -8,000        | 181 | 10.10 | -0,500  |
| 32            | 1.80  | 17,000  | 82        | 4.25              | -1,750  | 132                       | 7.10  | 0,750         | 182 | 10.15 | 2,000   |
| 33            | 1.90  | 4,500   | 83        | 4.30              | 10,750  | 133                       | 7.16  | -14,250       | 183 | 10.20 | -1,750  |
| 34            | 1.94  | -9,250  | 84        | 4.35              | 9,500   | 134                       | 7.20  | -5,500        | 184 | 10.30 | -8,000  |
| 35            | 2.00  | -10,500 | 85        | 4.40              | 34,500  | 135                       | 7.27  | 4,500         | 185 | 10.40 | -1,750  |
| 36            | 2.10  | -1,750  | 86        | 4.46              | 16,750  | 136                       | 7.30  | -1,750        | 186 | 10.47 | -8,000  |
| 37            | 2.13  | 17,000  | 87        | 4.50              | -1,750  | 137                       | 7.40  | 2,000         | 187 | 10.50 | -6,750  |
| 38            | 2.17  | 5,750   | 88        | 4.60              | 8,000   | 138                       | 7.50  | -1,750        | 188 | 10.60 | 7,000   |
| 39            | 2.20  | 8,250   | 89        | 4.66              | 15,750  | 139                       | 7.55  | 10,750        | 189 | 10.70 | 10,750  |
| 40            | 2.23  | 10,750  | 90        | 4.70              | 10,750  | 140                       | 7.60  | -8,000        | 190 | 10.75 | 8,250   |
| 41            | 2.30  | 0,750   | 91        | 4.77              | -1,750  | 141                       | 7.65  | -6,750        | 191 | 10.80 | 10,750  |
| 42            | 2.37  | 10,750  | 92        | 4.80              | 0,750   | 142                       | 7.70  | -10,500       | 192 | 10.90 | 9,500   |
| 43            | 2.40  | 2,000   | 93        | 4.82              | -10,750 | 143                       | 7.76  | 5,750         | 193 | 11.00 | 4,500   |
| 44            | 2.46  | 17,000  | 94        | 4.87              | -14,250 | 144                       | 7.80  | 0,750         | 194 | 11.05 | -8,000  |
| 45            | 2.50  | 5,750   | 95        | 4.90              | -1,750  | 145                       | 7.82  | -1,750        | 195 | 11.10 | -8,000  |
| 46            | 2.55  | 10,750  | 96        | 5.00              | -10,500 | 146                       | 7.90  | -1,750        | 196 | 11.20 | -1,750  |
| 47            | 2.60  | -4,250  | 97        | 5.06              | -39,250 | 147                       | 8.00  | 4,500         | 197 | 11.25 | 5,750   |
| 48            | 2.70  | -1,750  | 98        | 5.10              | -1,750  | 148                       | 8.10  | 4,500         | 198 | 11.30 | 0,750   |
| 49            | 2.73  | 8,250   | 99        | 5.13              | -1,750  | 149                       | 8.18  | -14,250       | 199 | 11.40 | -4,250  |
| 50            | 2.80  | -26,750 | 100       | 5.17              | 23,250  | 150                       | 8.20  | -1,750        | 200 | 11.50 | -3,000  |

| INDEX NO. 263 |       |         | 1005-GR-1 | UBAKUBO BRIDGE TR |         | MAX.ACCEL. = -48,000(GAL) |       | T = 5.65(SEC) |     | NO. 2 |       |
|---------------|-------|---------|-----------|-------------------|---------|---------------------------|-------|---------------|-----|-------|-------|
| NO.           | (SEC) | (GAL)   | NO.       | (SEC)             | (GAL)   | NO.                       | (SEC) | (GAL)         | NO. | (SEC) | (GAL) |
| 201           | 11.60 | 7,750   | 251       | 15.76             | -6,750  | 301                       | 19.90 | -1,750        |     |       |       |
| 202           | 11.70 | 8,250   | 252       | 15.80             | -8,000  | 302                       | 20.00 | -3,000        |     |       |       |
| 203           | 11.80 | 4,250   | 253       | 15.90             | -4,250  |                           |       |               |     |       |       |
| 204           | 11.90 | -4,250  | 254       | 16.00             | 0,750   |                           |       |               |     |       |       |
| 205           | 12.00 | -1,750  | 255       | 16.08             | 5,750   |                           |       |               |     |       |       |
| 206           | 12.10 | -0,500  | 256       | 16.10             | 8,250   |                           |       |               |     |       |       |
| 207           | 12.17 | 2,000   | 257       | 16.20             | -0,500  |                           |       |               |     |       |       |
| 208           | 12.20 | -1,750  | 258       | 16.30             | -1,750  |                           |       |               |     |       |       |
| 209           | 12.30 | -1,750  | 259       | 16.40             | -1,750  |                           |       |               |     |       |       |
| 210           | 12.40 | -0,500  | 260       | 16.50             | -1,750  |                           |       |               |     |       |       |
| 211           | 12.50 | 10,750  | 261       | 16.55             | -4,250  |                           |       |               |     |       |       |
| 212           | 12.57 | 4,500   | 262       | 16.60             | -4,250  |                           |       |               |     |       |       |
| 213           | 12.60 | 5,750   | 263       | 16.70             | -11,750 |                           |       |               |     |       |       |
| 214           | 12.65 | 8,250   | 264       | 16.75             | -1,750  |                           |       |               |     |       |       |
| 215           | 12.70 | -1,750  | 265       | 16.80             | -3,000  |                           |       |               |     |       |       |
| 216           | 12.80 | -1,750  | 266       | 16.90             | 8,250   |                           |       |               |     |       |       |
| 217           | 12.90 | -0,500  | 267       | 17.00             | 8,250   |                           |       |               |     |       |       |
| 218           | 13.00 | 5,750   | 268       | 17.10             | -1,750  |                           |       |               |     |       |       |
| 219           | 13.03 | 9,500   | 269       | 17.20             | -8,000  |                           |       |               |     |       |       |
| 220           | 13.10 | 8,250   | 270       | 17.30             | -1,750  |                           |       |               |     |       |       |
| 221           | 13.20 | -1,750  | 271       | 17.40             | -4,250  |                           |       |               |     |       |       |
| 222           | 13.30 | 0,500   | 272       | 17.50             | -4,250  |                           |       |               |     |       |       |
| 223           | 13.40 | 0,750   | 273       | 17.55             | -3,000  |                           |       |               |     |       |       |
| 224           | 13.50 | -0,500  | 274       | 17.60             | -1,750  |                           |       |               |     |       |       |
| 225           | 13.55 | -5,500  | 275       | 17.70             | -1,750  |                           |       |               |     |       |       |
| 226           | 13.60 | -5,500  | 276       | 17.80             | -1,750  |                           |       |               |     |       |       |
| 227           | 13.70 | -1,750  | 277       | 17.90             | -0,500  |                           |       |               |     |       |       |
| 228           | 13.80 | 8,250   | 278       | 18.00             | 2,000   |                           |       |               |     |       |       |
| 229           | 13.90 | 4,500   | 279       | 18.10             | 2,000   |                           |       |               |     |       |       |
| 230           | 14.00 | 0,750   | 280       | 18.15             | 7,000   |                           |       |               |     |       |       |
| 231           | 14.10 | -1,750  | 281       | 18.20             | 4,500   |                           |       |               |     |       |       |
| 232           | 14.20 | -1,750  | 282       | 18.25             | -1,750  |                           |       |               |     |       |       |
| 233           | 14.30 | -8,000  | 283       | 18.30             | -3,000  |                           |       |               |     |       |       |
| 234           | 14.40 | -14,250 | 284       | 18.40             | -1,750  |                           |       |               |     |       |       |
| 235           | 14.50 | -11,750 | 285       | 18.50             | -0,500  |                           |       |               |     |       |       |
| 236           | 14.60 | 4,500   | 286       | 18.60             | -1,750  |                           |       |               |     |       |       |
| 237           | 14.70 | 10,750  | 287       | 18.70             | -3,000  |                           |       |               |     |       |       |
| 238           | 14.80 | -1,750  | 288       | 18.80             | -1,750  |                           |       |               |     |       |       |
| 239           | 14.90 | -3,000  | 289       | 18.90             | -4,250  |                           |       |               |     |       |       |
| 240           | 15.00 | -1,750  | 290       | 19.00             | -0,500  |                           |       |               |     |       |       |
| 241           | 15.10 | -0,500  | 291       | 19.10             | -1,750  |                           |       |               |     |       |       |
| 242           | 15.17 | -1,750  | 292       | 19.20             | -3,000  |                           |       |               |     |       |       |
| 243           | 15.20 | -1,750  | 293       | 19.30             | -3,000  |                           |       |               |     |       |       |
| 244           | 15.25 | 4,500   | 294       | 19.40             | -5,500  |                           |       |               |     |       |       |
| 245           | 15.30 | 0,750   | 295       | 19.50             | -1,750  |                           |       |               |     |       |       |
| 246           | 15.40 | -1,750  | 296       | 19.53             | 0,750   |                           |       |               |     |       |       |
| 247           | 15.46 | 7,000   | 297       | 19.60             | 4,500   |                           |       |               |     |       |       |
| 248           | 15.50 | 10,750  | 298       | 19.67             | -1,750  |                           |       |               |     |       |       |
| 249           | 15.60 | 4,500   | 299       | 19.70             | -0,750  |                           |       |               |     |       |       |
| 250           | 15.70 | -1,750  | 300       | 19.80             | 5,750   |                           |       |               |     |       |       |

| INDEX NO. | 264   | 1005-GR-1 | UBAKUBO BRIDGE | LQ    | MAX.ACCEL.= | 38.880(GAL) | T= 4.80(SEC) | NO. 1   |     |       |         |
|-----------|-------|-----------|----------------|-------|-------------|-------------|--------------|---------|-----|-------|---------|
| NO.       | (SEC) | (GAL)     | NO.            | (SEC) | (GAL)       | NO.         | (SEC)        | (GAL)   | NO. | (SEC) | (GAL)   |
| 1         | 0.    | -1,130    | 51             | 3.15  | 1,380       | 101         | 5.05         | -17,380 | 151 | 9.20  | -11,130 |
| 2         | 0.05  | 1,380     | 52             | 3.20  | -14,380     | 102         | 6.10         | -2,380  | 152 | 9.25  | -12,380 |
| 3         | 0.10  | 1,130     | 53             | 3.30  | 1,380       | 103         | 6.14         | -11,130 | 153 | 9.27  | 1,380   |
| 4         | 0.20  | 4,880     | 54             | 3.40  | 1,380       | 104         | 6.20         | -21,130 | 154 | 9.30  | 2,630   |
| 5         | 0.30  | 1,380     | 55             | 3.45  | 10,130      | 105         | 6.30         | -11,130 | 155 | 9.40  | 0,130   |
| 6         | 0.40  | 1,380     | 56             | 3.50  | 2,630       | 106         | 6.35         | 21,380  | 156 | 9.46  | -8,630  |
| 7         | 0.46  | -7,380    | 57             | 3.60  | 1,380       | 107         | 6.40         | 1,380   | 157 | 9.50  | -8,630  |
| 8         | 0.50  | 2,630     | 58             | 3.68  | 23,880      | 108         | 6.48         | -13,630 | 158 | 9.60  | -4,880  |
| 9         | 0.55  | -4,880    | 59             | 3.70  | 13,880      | 109         | 6.50         | 1,380   | 159 | 9.70  | 1,380   |
| 10        | 0.60  | 1,380     | 60             | 3.80  | -29,880     | 110         | 6.52         | 13,880  | 160 | 9.80  | 1,380   |
| 11        | 0.65  | -4,880    | 61             | 3.83  | 7,630       | 111         | 6.60         | -4,880  | 161 | 9.90  | 15,130  |
| 12        | 0.70  | 1,380     | 62             | 3.90  | 1,380       | 112         | 6.65         | -23,430 | 162 | 9.98  | 7,630   |
| 13        | 0.80  | -8,630    | 63             | 3.99  | 0,130       | 113         | 6.70         | 1,380   | 163 | 10.00 | 7,630   |
| 14        | 0.85  | 7,630     | 64             | 4.00  | 1,380       | 114         | 6.73         | 15,130  | 164 | 10.06 | -1,130  |
| 15        | 0.90  | -4,880    | 65             | 4.05  | -11,130     | 115         | 6.78         | 7,630   | 165 | 10.10 | 1,380   |
| 16        | 1.00  | 1,380     | 66             | 4.08  | 7,630       | 116         | 6.80         | 7,630   | 166 | 10.12 | 7,630   |
| 17        | 1.10  | 1,380     | 67             | 4.10  | 5,130       | 117         | 6.86         | -9,880  | 167 | 10.20 | 1,380   |
| 18        | 1.14  | 3,880     | 68             | 4.13  | -2,380      | 118         | 6.90         | 5,130   | 168 | 10.30 | -4,880  |
| 19        | 1.20  | -4,880    | 69             | 4.20  | 3,880       | 119         | 7.00         | -11,130 | 169 | 10.40 | 1,380   |
| 20        | 1.24  | 1,380     | 70             | 4.30  | -11,130     | 120         | 7.03         | 3,880   | 170 | 10.45 | 11,380  |
| 21        | 1.30  | -4,880    | 71             | 4.40  | -12,380     | 121         | 7.06         | -1,130  | 171 | 10.50 | 1,380   |
| 22        | 1.35  | -4,880    | 72             | 4.46  | -26,130     | 122         | 7.10         | -2,380  | 172 | 10.60 | -2,380  |
| 23        | 1.40  | 11,380    | 73             | 4.50  | 1,380       | 123         | 7.20         | 8,880   | 173 | 10.70 | 1,380   |
| 24        | 1.45  | -4,880    | 74             | 4.52  | 26,380      | 124         | 7.30         | -19,880 | 174 | 10.75 | -1,130  |
| 25        | 1.50  | 2,630     | 75             | 4.60  | -29,880     | 125         | 7.35         | 13,880  | 175 | 10.80 | 0,130   |
| 26        | 1.55  | -19,880   | 76             | 4.62  | -29,880     | 126         | 7.40         | 11,380  | 176 | 10.85 | 1,380   |
| 27        | 1.60  | -11,130   | 77             | 4.70  | 26,380      | 127         | 7.46         | 1,380   | 177 | 10.90 | 1,380   |
| 28        | 1.66  | 10,130    | 78             | 4.80  | 38,880      | 128         | 7.50         | 2,630   | 178 | 11.00 | -3,630  |
| 29        | 1.70  | 1,380     | 79             | 4.85  | -24,880     | 129         | 7.60         | -11,150 | 179 | 11.10 | -4,880  |
| 30        | 1.75  | -1,130    | 80             | 4.90  | -2,380      | 130         | 7.65         | -7,380  | 180 | 11.20 | 13,880  |
| 31        | 1.80  | 11,380    | 81             | 4.96  | -11,130     | 131         | 7.70         | 3,880   | 181 | 11.30 | -4,880  |
| 32        | 1.90  | -11,130   | 82             | 5.00  | -11,130     | 132         | 7.76         | 0,880   | 182 | 11.35 | -7,380  |
| 33        | 1.96  | 1,380     | 83             | 5.04  | 13,880      | 133         | 7.80         | 1,380   | 183 | 11.40 | -4,880  |
| 34        | 2.00  | -11,130   | 84             | 5.10  | -11,130     | 134         | 7.90         | -1,130  | 184 | 11.45 | -3,630  |
| 35        | 2.10  | 1,380     | 85             | 5.17  | 5,130       | 135         | 8.00         | -17,380 | 185 | 11.50 | -11,130 |
| 36        | 2.16  | -16,130   | 86             | 5.20  | -34,880     | 136         | 8.07         | 11,380  | 186 | 11.60 | 7,630   |
| 37        | 2.20  | -11,130   | 87             | 5.30  | 1,380       | 137         | 8.10         | 7,630   | 187 | 11.65 | 20,130  |
| 38        | 2.30  | -1,130    | 88             | 5.37  | 1,380       | 138         | 8.18         | -1,130  | 188 | 11.70 | 13,880  |
| 39        | 2.35  | 6,380     | 89             | 5.40  | -11,130     | 139         | 8.20         | 1,380   | 189 | 11.78 | -8,630  |
| 40        | 2.40  | -33,630   | 90             | 5.45  | -17,380     | 140         | 8.30         | -1,130  | 190 | 11.80 | -11,130 |
| 41        | 2.50  | 13,880    | 91             | 5.48  | -3,630      | 141         | 8.40         | -17,380 | 191 | 11.90 | -11,130 |
| 42        | 2.60  | 20,130    | 92             | 5.50  | -3,630      | 142         | 8.46         | 13,880  | 192 | 12.00 | 1,380   |
| 43        | 2.70  | 1,380     | 93             | 5.56  | 26,380      | 143         | 8.50         | 11,380  | 193 | 12.10 | 1,380   |
| 44        | 2.73  | 3,880     | 94             | 5.60  | -4,880      | 144         | 8.60         | -9,880  | 194 | 12.20 | 6,380   |
| 45        | 2.80  | -21,130   | 95             | 5.65  | 20,130      | 145         | 8.73         | -1,130  | 195 | 12.30 | -7,380  |
| 46        | 2.85  | 1,380     | 96             | 5.70  | 1,380       | 146         | 8.80         | -4,880  | 196 | 12.40 | 2,630   |
| 47        | 2.90  | -1,130    | 97             | 5.77  | -26,130     | 147         | 8.90         | 1,380   | 197 | 12.50 | 13,880  |
| 48        | 3.00  | -11,130   | 98             | 5.80  | -17,380     | 148         | 8.93         | 7,630   | 198 | 12.60 | 11,380  |
| 49        | 3.05  | 26,380    | 99             | 5.90  | 7,630       | 149         | 9.00         | 1,380   | 199 | 12.70 | -9,880  |
| 50        | 3.10  | -17,380   | 100            | 6.00  | 13,880      | 150         | 9.10         | 13,880  | 200 | 12.80 | -1,130  |

| INDEX NO. | 264   | 1005-GR-1 | UBAKUBO BRIDGE | LQ    | MAX.ACCEL.= | 38.880(GAL) | T= 4.80(SEC) | NO. 2 |
|-----------|-------|-----------|----------------|-------|-------------|-------------|--------------|-------|
| NO.       | (SEC) | (GAL)     | NO.            | (SEC) | (GAL)       |             |              |       |
| 201       | 12.90 | 1,380     | 251            | 17.10 | -4,880      |             |              |       |
| 202       | 13.00 | 6,380     | 252            | 17.20 | -1,130      |             |              |       |
| 203       | 13.05 | -4,880    | 253            | 17.26 | 7,630       |             |              |       |
| 204       | 13.10 | 1,380     | 254            | 17.30 | 1,380       |             |              |       |
| 205       | 13.20 | 1,380     | 255            | 17.40 | 1,380       |             |              |       |
| 206       | 13.30 | -7,380    | 256            | 17.50 | 1,380       |             |              |       |
| 207       | 13.40 | -11,130   | 257            | 17.60 | 5,130       |             |              |       |
| 208       | 13.45 | 13,880    | 258            | 17.70 | 7,630       |             |              |       |
| 209       | 13.50 | 11,380    | 259            | 17.80 | 1,380       |             |              |       |
| 210       | 13.60 | 11,380    | 260            | 17.90 | -1,130      |             |              |       |
| 211       | 13.70 | 6,380     | 261            | 18.00 | 1,380       |             |              |       |
| 212       | 13.80 | -4,880    | 262            | 18.10 | 3,880       |             |              |       |
| 213       | 13.90 | -11,130   | 263            | 18.20 | 7,630       |             |              |       |
| 214       | 14.00 | -6,130    | 264            | 18.25 | 1,380       |             |              |       |
| 215       | 14.05 | -6,130    | 265            | 18.30 | 1,380       |             |              |       |
| 216       | 14.10 | 12,630    | 266            | 18.35 | -2,380      |             |              |       |
| 217       | 14.20 | -7,380    | 267            | 18.40 | -3,630      |             |              |       |
| 218       | 14.25 | 7,630     | 268            | 18.50 | 1,380       |             |              |       |
| 219       | 14.30 | 3,880     | 269            | 18.60 | 1,380       |             |              |       |
| 220       | 14.40 | -1,130    | 270            | 18.70 | 2,630       |             |              |       |
| 221       | 14.50 | 1,380     | 271            | 18.75 | 7,630       |             |              |       |
| 222       | 14.60 | -11,130   | 272            | 18.80 | 11,380      |             |              |       |
| 223       | 14.70 | 1,380     | 273            | 18.90 | 11,380      |             |              |       |
| 224       | 14.80 | 7,630     | 274            | 19.00 | 3,880       |             |              |       |
| 225       | 14.90 | 1,380     | 275            | 19.07 | 13,880      |             |              |       |
| 226       | 15.00 | 0,130     | 276            | 19.10 | 13,880      |             |              |       |
| 227       | 15.10 | 7,630     | 277            | 19.17 | 13,880      |             |              |       |
| 228       | 15.20 | -4,880    | 278            | 19.20 | 3,880       |             |              |       |
| 229       | 15.30 | 1,380     | 279            | 19.26 | 6,380       |             |              |       |
| 230       | 15.40 | 1,380     | 280            | 19.30 | -1,130      |             |              |       |
| 231       | 15.45 | -4,880    | 281            | 19.40 | 3,880       |             |              |       |
| 232       | 15.50 | -4,880    | 282            | 19.44 | 3,880       |             |              |       |
| 233       | 15.60 | 1,380     | 283            | 19.50 | 11,380      |             |              |       |
| 234       | 15.70 | -2,380    | 284            | 19.60 | 1,380       |             |              |       |
| 235       | 15.80 | -1,130    | 285            | 19.70 | 0,130       |             |              |       |
| 236       | 15.90 | 2,630     | 286            | 19.80 | 1,380       |             |              |       |
| 237       | 15.95 | 7,630     | 287            | 19.90 | 2,630       |             |              |       |
| 238       | 16.00 | -1,130    | 288            | 20.00 | 7,630       |             |              |       |
| 239       | 16.10 | -4,880    |                |       |             |             |              |       |
| 240       | 16.15 | 3,880     |                |       |             |             |              |       |
| 241       | 16.20 | 5,130     |                |       |             |             |              |       |
| 242       | 16.30 | 1,380     |                |       |             |             |              |       |
| 243       | 16.40 | -2,380    |                |       |             |             |              |       |
| 244       | 16.50 | -4,880    |                |       |             |             |              |       |
| 245       | 16.60 | -2,380    |                |       |             |             |              |       |
| 246       | 16.70 | 1,380     |                |       |             |             |              |       |
| 247       | 16.80 | 7,630     |                |       |             |             |              |       |
| 248       | 16.90 | 7,630     |                |       |             |             |              |       |
| 249       | 16.95 | 1,380     |                |       |             |             |              |       |
| 250       | 17.00 | 0,130     |                |       |             |             |              |       |

INDEX NO. 265 1108-GR-5 ICHINOHASHI R. TR MAX.ACCEL.= -46,750(GAL) T= 7.80(SEC) NO. 1

| NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   | NO. (SEC) | (GAL)   |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 1 0.      | 0.750   | 51 4.00   | -18,000 | 101 7.05  | 13,250  | 151 10.60 | -11,750 |
| 2 0.10    | -3,000  | 52 4.10   | -24,250 | 102 7.10  | 7,000   | 152 10.70 | 20,750  |
| 3 0.20    | -5,500  | 53 4.12   | -13,000 | 103 7.17  | -31,750 | 153 10.80 | 8,250   |
| 4 0.30    | -4,250  | 54 4.20   | -11,750 | 104 7.20  | -30,400 | 154 10.90 | -8,000  |
| 5 0.40    | 5,750   | 55 4.28   | -15,500 | 105 7.30  | -5,500  | 155 10.95 | -10,500 |
| 6 0.44    | 7,000   | 56 4.30   | -4,880  | 106 7.39  | 8,250   | 156 11.00 | -5,500  |
| 7 0.50    | -4,250  | 57 4.39   | 29,000  | 107 7.40  | 7,000   | 157 11.10 | -2,380  |
| 8 0.58    | -9,250  | 58 4.40   | 25,750  | 108 7.45  | 5,750   | 158 11.20 | -4,880  |
| 9 0.60    | -13,000 | 59 4.50   | -5,500  | 109 7.50  | 6,380   | 159 11.30 | 5,750   |
| 10 0.70   | -3,000  | 60 4.55   | -25,000 | 110 7.60  | 22,000  | 160 11.35 | 8,500   |
| 11 0.80   | 7,000   | 61 4.60   | -23,000 | 111 7.64  | -26,380 | 161 11.40 | 8,250   |
| 12 0.86   | -0,500  | 62 4.70   | 17,680  | 112 7.70  | -21,750 | 162 11.47 | -6,130  |
| 13 0.90   | 0.750   | 63 4.72   | 19,500  | 113 7.80  | -46,750 | 163 11.50 | -4,250  |
| 14 1.00   | 2,000   | 64 4.78   | 2,630   | 114 7.90  | 7,000   | 164 11.60 | -3,630  |
| 15 1.03   | 4,500   | 65 4.80   | 4,500   | 115 7.92  | 15,250  | 165 11.67 | -7,380  |
| 16 1.10   | -2,380  | 66 4.84   | 5,130   | 116 8.00  | 20,750  | 166 11.70 | -9,250  |
| 17 1.16   | -6,130  | 67 4.90   | 3,880   | 117 8.05  | 24,500  | 167 11.80 | -5,500  |
| 18 1.20   | -4,250  | 68 4.94   | 5,130   | 118 8.10  | 8,500   | 168 11.90 | 19,500  |
| 19 1.30   | -1,750  | 69 5.00   | 3,250   | 119 8.20  | 0.750   | 169 12.00 | -11,750 |
| 20 1.40   | -3,000  | 70 5.05   | 3,880   | 120 8.30  | -33,000 | 170 12.08 | -38,000 |
| 21 1.50   | -2,380  | 71 5.10   | -15,500 | 121 8.40  | -5,500  | 171 12.10 | -38,630 |
| 22 1.60   | 4,500   | 72 5.12   | -18,000 | 122 8.50  | 29,500  | 172 12.20 | -11,750 |
| 23 1.70   | 3,250   | 73 5.20   | 18,000  | 123 8.53  | 32,000  | 173 12.22 | 3,250   |
| 24 1.80   | -0,500  | 74 5.21   | 19,500  | 124 8.60  | -18,000 | 174 12.30 | 9,500   |
| 25 1.90   | -0,500  | 75 5.30   | -13,000 | 125 8.65  | -28,000 | 175 12.40 | 18,880  |
| 26 2.00   | 2,000   | 76 5.35   | -24,250 | 126 8.70  | -20,500 | 176 12.42 | 19,500  |
| 27 2.03   | 5,750   | 77 5.40   | -23,630 | 127 8.80  | -8,000  | 177 12.50 | 0.750   |
| 28 2.10   | 4,500   | 78 5.50   | 18,880  | 128 8.90  | 4,500   | 178 12.60 | -6,130  |
| 29 2.15   | 5,130   | 79 5.51   | 19,500  | 129 9.00  | 7,000   | 179 12.70 | -3,000  |
| 30 2.20   | -0,500  | 80 5.60   | -13,000 | 130 9.10  | 4,500   | 180 12.73 | 0.750   |
| 31 2.30   | 6,750   | 81 5.70   | -19,880 | 131 9.20  | -5,500  | 181 12.80 | -3,630  |
| 32 2.37   | -3,600  | 82 5.80   | 19,500  | 132 9.29  | -11,750 | 182 12.90 | -0,500  |
| 33 2.40   | -3,630  | 83 5.85   | 44,500  | 133 9.30  | -9,250  | 183 13.00 | 7,000   |
| 34 2.50   | -3,000  | 84 5.90   | 38,250  | 134 9.40  | 3,250   | 184 13.10 | -1,750  |
| 35 2.57   | 2,000   | 85 6.00   | 0.750   | 135 9.50  | 14,500  | 185 13.15 | -19,250 |
| 36 2.60   | 8,500   | 86 6.10   | -8,630  | 136 9.55  | 17,500  | 186 13.20 | -18,000 |
| 37 2.70   | -2,380  | 87 6.15   | -11,750 | 137 9.60  | 0.750   | 187 13.30 | 0.750   |
| 38 2.80   | -3,630  | 88 6.20   | -36,750 | 138 9.70  | -24,250 | 188 13.38 | 12,000  |
| 39 2.90   | -6,750  | 89 6.30   | -25,500 | 139 9.80  | -11,750 | 189 13.40 | 10,750  |
| 40 3.00   | -5,500  | 90 6.40   | 14,500  | 140 9.90  | -4,250  | 190 13.50 | 4,500   |
| 41 3.10   | 2,000   | 91 6.49   | 43,880  | 141 10.00 | 0.750   | 191 13.55 | 5,750   |
| 42 3.20   | 5,130   | 92 6.50   | 44,500  | 142 10.05 | 8,250   | 192 13.60 | 4,500   |
| 43 3.30   | -3,000  | 93 6.60   | -19,250 | 143 10.10 | 5,750   | 193 13.65 | 4,500   |
| 44 3.40   | -5,500  | 94 6.69   | -39,250 | 144 10.18 | 7,000   | 194 13.70 | -4,250  |
| 45 3.50   | -4,880  | 95 6.70   | -36,750 | 145 10.20 | 2,630   | 195 13.80 | -8,000  |
| 46 3.60   | 0.750   | 96 6.80   | 8,250   | 146 10.25 | -8,000  | 196 13.90 | 4,500   |
| 47 3.70   | 3,250   | 97 6.85   | 19,500  | 147 10.30 | -6,750  | 197 13.95 | 7,000   |
| 48 3.75   | 7,000   | 98 6.90   | 9,500   | 148 10.40 | 0.750   | 198 14.00 | 3,250   |
| 49 3.80   | 6,380   | 99 6.97   | 0.750   | 149 10.50 | -8,000  | 199 14.10 | -4,250  |
| 50 3.90   | 2,000   | 100 7.00  | 7,000   | 150 10.55 | -18,000 | 200 14.15 | -1,750  |

INDEX NO. 265 1108-GR-5 ICHINOHASHI R. TR MAX.ACCEL.= -46,750(GAL) T= 7.80(SEC) NO. 2

| NO. (SEC) | (GAL)  | NO. (SEC) | (GAL)  |
|-----------|--------|-----------|--------|
| 201 14.20 | -1,130 | 251 18.30 | -8,630 |
| 202 14.30 | 2,000  | 252 18.40 | -5,500 |
| 203 14.40 | -0,500 | 253 18.50 | 6,380  |
| 204 14.50 | -5,500 | 254 18.55 | 5,130  |
| 205 14.60 | -3,000 | 255 18.60 | 4,500  |
| 206 14.67 | 5,750  | 256 18.70 | 5,750  |
| 207 14.70 | 3,750  | 257 18.75 | 9,500  |
| 208 14.78 | -3,000 | 258 18.80 | 7,000  |
| 209 14.80 | -1,750 | 259 18.90 | 4,500  |
| 210 14.90 | 5,130  | 260 19.00 | 2,000  |
| 211 14.95 | 8,250  | 261 19.10 | 4,500  |
| 212 15.00 | 5,130  | 262 19.15 | 7,000  |
| 213 15.10 | -1,750 | 263 19.20 | 5,130  |
| 214 15.20 | 0.750  | 264 19.30 | 2,000  |
| 215 15.30 | 5,750  | 265 19.35 | -4,250 |
| 216 15.31 | 7,000  | 266 19.40 | -0,500 |
| 217 15.40 | -0,500 | 267 19.50 | 0.750  |
| 218 15.50 | -3,630 | 268 19.60 | 7,000  |
| 219 15.60 | -4,250 | 269 19.63 | 9,500  |
| 220 15.70 | 4,500  | 270 19.70 | 3,880  |
| 221 15.75 | 7,000  | 271 19.80 | -5,500 |
| 222 15.80 | 4,500  | 272 19.90 | 1,380  |
| 223 15.90 | -4,250 | 273 20.00 | 7,000  |
| 224 16.00 | 0.750  |           |        |
| 225 16.05 | 4,500  |           |        |
| 226 16.10 | 3,250  |           |        |
| 227 16.20 | 2,000  |           |        |
| 228 16.30 | -0,500 |           |        |
| 229 16.40 | 0.750  |           |        |
| 230 16.50 | 2,000  |           |        |
| 231 16.60 | 7,000  |           |        |
| 232 16.70 | 5,130  |           |        |
| 233 16.80 | 3,880  |           |        |
| 234 16.90 | 3,250  |           |        |
| 235 16.95 | 2,000  |           |        |
| 236 17.00 | 6,380  |           |        |
| 237 17.10 | 3,250  |           |        |
| 238 17.16 | -6,750 |           |        |
| 239 17.20 | -5,500 |           |        |
| 240 17.30 | -5,500 |           |        |
| 241 17.40 | 5,750  |           |        |
| 242 17.50 | 7,000  |           |        |
| 243 17.60 | 8,250  |           |        |
| 244 17.70 | 0.130  |           |        |
| 245 17.80 | -1,380 |           |        |
| 246 17.90 | -0,500 |           |        |
| 247 18.00 | 0.130  |           |        |
| 248 18.10 | 5,750  |           |        |
| 249 18.15 | 7,000  |           |        |
| 250 18.20 | 5,750  |           |        |

INDEX NO. 266 1108-GR-5 ICHINOMASHI R. LG MAX.ACCEL.= -37.380(GAL) T= 5.55(SEC) NO. 1

| NO. | (SEC) | (GAL)  | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   |
|-----|-------|--------|-----|-------|---------|-----|-------|---------|-----|-------|---------|
| 1   | 0.    | 2.630  | 51  | 3.65  | 6.380   | 101 | 7.10  | 20.130  | 151 | 10.30 | -6.130  |
| 2   | 0.10  | 3.850  | 52  | 3.70  | 3.880   | 102 | 7.12  | 20.750  | 152 | 10.40 | -3.630  |
| 3   | 0.19  | -4.880 | 53  | 3.75  | 1.380   | 103 | 7.18  | 7.630   | 153 | 10.50 | -10.500 |
| 4   | 0.20  | -5.630 | 54  | 3.80  | 3.880   | 104 | 7.20  | 6.380   | 154 | 10.60 | 7.630   |
| 5   | 0.30  | 0.130  | 55  | 3.85  | 5.130   | 105 | 7.28  | -8.630  | 155 | 10.70 | 12.630  |
| 6   | 0.34  | 7.000  | 56  | 3.90  | 3.880   | 106 | 7.30  | -6.130  | 156 | 10.80 | 6.380   |
| 7   | 0.40  | 6.380  | 57  | 4.00  | 6.380   | 107 | 7.40  | -7.380  | 157 | 10.90 | 0.130   |
| 8   | 0.50  | 6.380  | 58  | 4.09  | 3.880   | 108 | 7.45  | -4.880  | 158 | 11.00 | -13.630 |
| 9   | 0.60  | 5.130  | 59  | 4.10  | 4.500   | 109 | 7.50  | -6.750  | 159 | 11.10 | 2.630   |
| 10  | 0.70  | 3.880  | 60  | 4.13  | 6.380   | 110 | 7.60  | 7.630   | 160 | 11.15 | 13.880  |
| 11  | 0.76  | 7.630  | 61  | 4.20  | -1.130  | 111 | 7.63  | 30.750  | 161 | 11.20 | 0.130   |
| 12  | 0.80  | 3.880  | 62  | 4.30  | -4.880  | 112 | 7.70  | 0.130   | 162 | 11.30 | -16.130 |
| 13  | 0.90  | -6.130 | 63  | 4.40  | 8.880   | 113 | 7.79  | -9.250  | 163 | 11.40 | 2.630   |
| 14  | 0.92  | 8.630  | 64  | 4.49  | -3.630  | 114 | 7.80  | -8.630  | 164 | 11.50 | 6.380   |
| 15  | 1.00  | 2.630  | 65  | 4.50  | -2.380  | 115 | 7.85  | 10.130  | 165 | 11.60 | 5.750   |
| 16  | 1.10  | 7.630  | 66  | 4.60  | 6.380   | 116 | 7.90  | 8.880   | 166 | 11.70 | -6.130  |
| 17  | 1.18  | 0.130  | 67  | 4.65  | 12.630  | 117 | 7.93  | 13.250  | 167 | 11.78 | -9.880  |
| 18  | 1.20  | 2.000  | 68  | 4.70  | 3.880   | 118 | 8.00  | 11.380  | 168 | 11.80 | 0.130   |
| 19  | 1.30  | 3.880  | 69  | 4.80  | -21.130 | 119 | 8.10  | 8.880   | 169 | 11.90 | 6.380   |
| 20  | 1.35  | 6.380  | 70  | 4.90  | -4.880  | 120 | 8.20  | -6.130  | 170 | 11.99 | 7.630   |
| 21  | 1.40  | 3.880  | 71  | 5.00  | 31.300  | 121 | 8.28  | -24.880 | 171 | 12.00 | 6.380   |
| 22  | 1.48  | 5.130  | 72  | 5.10  | 15.130  | 122 | 8.30  | -22.380 | 172 | 12.10 | 0.130   |
| 23  | 1.50  | 2.630  | 73  | 5.20  | 16.380  | 123 | 8.40  | -4.880  | 173 | 12.20 | 1.380   |
| 24  | 1.60  | -1.130 | 74  | 5.25  | 17.630  | 124 | 8.45  | 7.630   | 174 | 12.25 | -1.130  |
| 25  | 1.70  | -4.880 | 75  | 5.30  | -9.880  | 125 | 8.50  | -4.880  | 175 | 12.30 | 0.130   |
| 26  | 1.80  | 7.630  | 76  | 5.35  | -14.880 | 126 | 8.55  | -8.630  | 176 | 12.40 | -2.380  |
| 27  | 1.83  | 13.250 | 77  | 5.40  | -9.880  | 127 | 8.60  | -6.130  | 177 | 12.50 | -5.500  |
| 28  | 1.90  | 3.880  | 78  | 5.50  | -18.630 | 128 | 8.70  | -8.630  | 178 | 12.60 | 7.630   |
| 29  | 2.00  | 2.630  | 79  | 5.55  | -37.380 | 129 | 8.80  | 10.130  | 179 | 12.65 | 11.380  |
| 30  | 2.10  | 6.380  | 80  | 5.60  | -21.130 | 130 | 8.85  | 12.630  | 180 | 12.70 | 0.130   |
| 31  | 2.20  | 0.130  | 81  | 5.68  | 5.750   | 131 | 8.90  | 5.430   | 181 | 12.80 | -21.130 |
| 32  | 2.25  | -8.630 | 82  | 5.70  | 3.880   | 132 | 8.95  | 0.130   | 182 | 12.90 | 0.130   |
| 33  | 2.30  | -6.130 | 83  | 5.80  | -12.380 | 133 | 9.00  | -1.130  | 183 | 13.00 | 12.630  |
| 34  | 2.40  | 5.130  | 84  | 5.90  | -2.380  | 134 | 9.05  | 0.130   | 184 | 13.05 | 15.130  |
| 35  | 2.42  | 8.250  | 85  | 6.00  | 12.630  | 135 | 9.10  | 2.430   | 185 | 13.10 | 0.130   |
| 36  | 2.50  | 7.000  | 86  | 6.05  | 16.880  | 136 | 9.20  | 6.380   | 186 | 13.20 | -12.380 |
| 37  | 2.60  | 2.630  | 87  | 6.10  | 6.380   | 137 | 9.30  | -10.500 | 187 | 13.23 | -17.380 |
| 38  | 2.70  | 0.130  | 88  | 6.20  | 5.750   | 138 | 9.35  | -18.630 | 188 | 13.30 | 0.130   |
| 39  | 2.80  | 7.000  | 89  | 6.30  | 5.130   | 139 | 9.40  | -12.380 | 189 | 13.40 | 6.380   |
| 40  | 2.82  | 8.880  | 90  | 6.40  | 31.380  | 140 | 9.50  | -3.630  | 190 | 13.50 | 1.380   |
| 41  | 2.90  | 1.380  | 91  | 6.43  | 36.380  | 141 | 9.60  | 8.880   | 191 | 13.60 | -17.380 |
| 42  | 2.92  | -2.380 | 92  | 6.50  | 31.380  | 142 | 9.70  | 0.130   | 192 | 13.62 | -18.630 |
| 43  | 3.00  | 0.130  | 93  | 6.60  | -12.380 | 143 | 9.80  | 6.380   | 193 | 13.70 | -6.130  |
| 44  | 3.10  | 3.880  | 94  | 6.70  | -18.630 | 144 | 9.90  | -6.130  | 194 | 13.80 | 11.380  |
| 45  | 3.20  | 2.630  | 95  | 6.80  | -18.630 | 145 | 9.94  | -12.380 | 195 | 13.90 | -6.130  |
| 46  | 3.30  | 5.130  | 96  | 6.85  | -6.750  | 146 | 10.00 | -7.380  | 196 | 13.92 | -8.630  |
| 47  | 3.35  | 8.880  | 97  | 6.89  | -8.000  | 147 | 10.10 | 1.380   | 197 | 14.00 | -6.130  |
| 48  | 3.40  | 6.380  | 98  | 6.90  | -7.380  | 148 | 10.18 | 8.880   | 198 | 14.10 | -1.130  |
| 49  | 3.50  | 0.130  | 99  | 6.95  | 3.880   | 149 | 10.20 | 7.630   | 199 | 14.15 | 0.130   |
| 50  | 3.60  | 2.000  | 100 | 7.00  | 1.380   | 150 | 10.23 | -6.130  | 200 | 14.20 | -2.380  |

INDEX NO. 266 1108-GR-5 ICHINOMASHI R. LG MAX.ACCEL.= -37.380(GAL) T= 5.55(SEC) NO. 2

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)  |
|-----|-------|---------|-----|-------|--------|
| 201 | 14.30 | -6.130  | 251 | 18.20 | -7.380 |
| 202 | 14.40 | 1.380   | 252 | 18.30 | -3.630 |
| 203 | 14.50 | -3.630  | 253 | 18.37 | 5.130  |
| 204 | 14.60 | 0.130   | 254 | 18.40 | 3.880  |
| 205 | 14.65 | 6.380   | 255 | 18.50 | -1.130 |
| 206 | 14.70 | 3.880   | 256 | 18.60 | -8.630 |
| 207 | 14.80 | -12.380 | 257 | 18.70 | -8.630 |
| 208 | 14.85 | -14.880 | 258 | 18.80 | 3.880  |
| 209 | 14.90 | -6.130  | 259 | 18.90 | 2.630  |
| 210 | 14.92 | -2.380  | 260 | 18.95 | -8.630 |
| 211 | 15.00 | -2.380  | 261 | 19.00 | -8.630 |
| 212 | 15.10 | -2.380  | 262 | 19.10 | -2.380 |
| 213 | 15.20 | 6.380   | 263 | 19.15 | 0.130  |
| 214 | 15.30 | -6.130  | 264 | 19.20 | -3.630 |
| 215 | 15.35 | -12.380 | 265 | 19.30 | 1.380  |
| 216 | 15.40 | -8.630  | 266 | 19.35 | 3.880  |
| 217 | 15.45 | 3.880   | 267 | 19.40 | 2.630  |
| 218 | 15.50 | 1.380   | 268 | 19.50 | -4.880 |
| 219 | 15.60 | -6.130  | 269 | 19.55 | -8.630 |
| 220 | 15.70 | -8.630  | 270 | 19.60 | -7.380 |
| 221 | 15.80 | -3.630  | 271 | 19.70 | -3.630 |
| 222 | 15.90 | 2.630   | 272 | 19.80 | 3.880  |
| 223 | 16.00 | 3.880   | 273 | 19.90 | 0.130  |
| 224 | 16.10 | -6.130  | 274 | 19.95 | -6.750 |
| 225 | 16.20 | -6.130  | 275 | 20.00 | -6.130 |
| 226 | 16.30 | -8.630  |     |       |        |
| 227 | 16.40 | -3.630  |     |       |        |
| 228 | 16.50 | 0.130   |     |       |        |
| 229 | 16.55 | -3.630  |     |       |        |
| 230 | 16.60 | -2.380  |     |       |        |
| 231 | 16.70 | 0.130   |     |       |        |
| 232 | 16.75 | 4.500   |     |       |        |
| 233 | 16.80 | -4.880  |     |       |        |
| 234 | 16.85 | -12.380 |     |       |        |
| 235 | 16.90 | -9.250  |     |       |        |
| 236 | 17.00 | 3.880   |     |       |        |
| 237 | 17.10 | -1.130  |     |       |        |
| 238 | 17.20 | -8.630  |     |       |        |
| 239 | 17.30 | 3.880   |     |       |        |
| 240 | 17.35 | 6.380   |     |       |        |
| 241 | 17.40 | 5.750   |     |       |        |
| 242 | 17.50 | -3.630  |     |       |        |
| 243 | 17.60 | -6.130  |     |       |        |
| 244 | 17.70 | -1.130  |     |       |        |
| 245 | 17.75 | 1.380   |     |       |        |
| 246 | 17.80 | 0.750   |     |       |        |
| 247 | 17.90 | -1.130  |     |       |        |
| 248 | 17.97 | 0.130   |     |       |        |
| 249 | 18.00 | -1.130  |     |       |        |
| 250 | 18.10 | -2.380  |     |       |        |

| INDEX NO. 267 1108-GR-7 |       |         | ICHINOHASHI R. TR |       |         | MAX.ACCEL.= -55.880(GAL) |       |         | T= 1.00(SEC) |       |       | NO. 1 |       |       |
|-------------------------|-------|---------|-------------------|-------|---------|--------------------------|-------|---------|--------------|-------|-------|-------|-------|-------|
| NO.                     | (SEC) | (GAL)   | NO.               | (SEC) | (GAL)   | NO.                      | (SEC) | (GAL)   | NO.          | (SEC) | (GAL) | NO.   | (SEC) | (GAL) |
| 1                       | 0.    | -2,130  | 51                | 3.40  | -2,130  | 101                      | 7.00  | -3,380  | 151          | 10.90 | 0.380 |       |       |       |
| 2                       | 0.10  | 0.380   | 52                | 3.45  | 7,880   | 102                      | 7.10  | 0.380   | 152          | 11.00 | 0.380 |       |       |       |
| 3                       | 0.20  | 1,630   | 53                | 3.50  | 9,130   | 103                      | 7.18  | -1,500  |              |       |       |       |       |       |
| 4                       | 0.25  | 1,630   | 54                | 3.60  | 0,380   | 104                      | 7.20  | 0,880   |              |       |       |       |       |       |
| 5                       | 0.30  | -2,130  | 55                | 3.65  | -8,380  | 105                      | 7.27  | 4,130   |              |       |       |       |       |       |
| 6                       | 0.38  | -15,880 | 56                | 3.70  | -5,880  | 106                      | 7.30  | 5,380   |              |       |       |       |       |       |
| 7                       | 0.40  | -14,630 | 57                | 3.77  | 9,130   | 107                      | 7.34  | 6,630   |              |       |       |       |       |       |
| 8                       | 0.50  | 0.380   | 58                | 3.80  | 6,630   | 108                      | 7.40  | 0.380   |              |       |       |       |       |       |
| 9                       | 0.55  | 25,380  | 59                | 3.70  | 0,380   | 109                      | 7.50  | -0,380  |              |       |       |       |       |       |
| 10                      | 0.60  | 25,380  | 60                | 3.95  | -5,880  | 110                      | 7.55  | -13,380 |              |       |       |       |       |       |
| 11                      | 0.70  | 0.380   | 61                | 4.00  | -4,630  | 111                      | 7.60  | -9,630  |              |       |       |       |       |       |
| 12                      | 0.75  | 0.380   | 62                | 4.10  | -2,130  | 112                      | 7.70  | 4,130   |              |       |       |       |       |       |
| 13                      | 0.80  | 12,880  | 63                | 4.15  | 6,630   | 113                      | 7.80  | 2,880   |              |       |       |       |       |       |
| 14                      | 0.85  | 22,880  | 64                | 4.20  | 4,130   | 114                      | 7.90  | -0,880  |              |       |       |       |       |       |
| 15                      | 0.90  | -18,380 | 65                | 4.30  | 1,630   | 115                      | 8.00  | 0.380   |              |       |       |       |       |       |
| 16                      | 1.00  | -25,880 | 66                | 4.40  | -0,880  | 116                      | 8.10  | -4,630  |              |       |       |       |       |       |
| 17                      | 1.10  | 25,380  | 67                | 4.50  | -0,880  | 117                      | 8.15  | -7,130  |              |       |       |       |       |       |
| 18                      | 1.18  | 45,380  | 68                | 4.60  | -3,380  | 118                      | 8.20  | -5,880  |              |       |       |       |       |       |
| 19                      | 1.20  | 43,500  | 69                | 4.65  | -4,630  | 119                      | 8.26  | 10,380  |              |       |       |       |       |       |
| 20                      | 1.30  | -7,130  | 70                | 4.70  | -12,130 | 120                      | 8.30  | 7,880   |              |       |       |       |       |       |
| 21                      | 1.35  | -18,380 | 71                | 4.80  | 4,130   | 121                      | 8.40  | -2,130  |              |       |       |       |       |       |
| 22                      | 1.40  | 0.380   | 72                | 4.90  | 9,130   | 122                      | 8.46  | -9,630  |              |       |       |       |       |       |
| 23                      | 1.43  | 11,630  | 73                | 5.00  | 0.380   | 123                      | 8.50  | -8,380  |              |       |       |       |       |       |
| 24                      | 1.50  | 9,130   | 74                | 5.10  | -4,630  | 124                      | 8.60  | -2,130  |              |       |       |       |       |       |
| 25                      | 1.57  | -2,130  | 75                | 5.17  | -10,880 | 125                      | 8.70  | 4,130   |              |       |       |       |       |       |
| 26                      | 1.60  | -1,630  | 76                | 5.20  | -8,380  | 126                      | 8.75  | 0.380   |              |       |       |       |       |       |
| 27                      | 1.70  | 0.380   | 77                | 5.30  | 1,630   | 127                      | 8.80  | 1,630   |              |       |       |       |       |       |
| 28                      | 1.78  | -2,130  | 78                | 5.36  | 12,880  | 128                      | 8.90  | -5,880  |              |       |       |       |       |       |
| 29                      | 1.80  | -0,880  | 79                | 5.40  | 7,880   | 129                      | 9.00  | -0,880  |              |       |       |       |       |       |
| 30                      | 1.84  | 2,880   | 80                | 5.50  | -4,630  | 130                      | 9.10  | 1,630   |              |       |       |       |       |       |
| 31                      | 1.88  | -2,130  | 81                | 5.55  | -8,380  | 131                      | 9.20  | -4,630  |              |       |       |       |       |       |
| 32                      | 1.90  | -4,630  | 82                | 5.60  | -5,880  | 132                      | 9.26  | -10,880 |              |       |       |       |       |       |
| 33                      | 2.00  | 9,130   | 83                | 5.70  | 0.380   | 133                      | 9.30  | -0,880  |              |       |       |       |       |       |
| 34                      | 2.05  | 11,630  | 84                | 5.80  | -0,880  | 134                      | 9.40  | 0.380   |              |       |       |       |       |       |
| 35                      | 2.10  | -8,380  | 85                | 5.85  | -10,880 | 135                      | 9.50  | -0,880  |              |       |       |       |       |       |
| 36                      | 2.20  | -12,130 | 86                | 5.90  | -8,380  | 136                      | 9.60  | -2,130  |              |       |       |       |       |       |
| 37                      | 2.30  | 12,880  | 87                | 5.95  | 0.380   | 137                      | 9.70  | 0,380   |              |       |       |       |       |       |
| 38                      | 2.35  | 14,130  | 88                | 6.00  | 6,630   | 138                      | 9.78  | 1,630   |              |       |       |       |       |       |
| 39                      | 2.40  | 14,750  | 89                | 6.05  | 6,630   | 139                      | 9.80  | 0.380   |              |       |       |       |       |       |
| 40                      | 2.50  | -5,880  | 90                | 6.10  | 2,880   | 140                      | 9.90  | -0,880  |              |       |       |       |       |       |
| 41                      | 2.60  | -7,130  | 91                | 6.15  | -4,630  | 141                      | 10.00 | -7,130  |              |       |       |       |       |       |
| 42                      | 2.70  | 1,630   | 92                | 6.20  | -3,380  | 142                      | 10.10 | -0,880  |              |       |       |       |       |       |
| 43                      | 2.75  | 4,130   | 93                | 6.30  | 2,880   | 143                      | 10.15 | 0.380   |              |       |       |       |       |       |
| 44                      | 2.80  | 1,630   | 94                | 6.40  | -2,130  | 144                      | 10.20 | -0,880  |              |       |       |       |       |       |
| 45                      | 2.90  | 5,380   | 95                | 6.50  | -9,630  | 145                      | 10.30 | -3,380  |              |       |       |       |       |       |
| 46                      | 3.00  | 0.380   | 96                | 6.60  | 2,250   | 146                      | 10.40 | -2,130  |              |       |       |       |       |       |
| 47                      | 3.10  | -0,880  | 97                | 6.70  | 9,130   | 147                      | 10.50 | -0,880  |              |       |       |       |       |       |
| 48                      | 3.18  | 4,130   | 98                | 6.80  | -2,130  | 148                      | 10.60 | -2,130  |              |       |       |       |       |       |
| 49                      | 3.20  | 1,630   | 99                | 6.88  | -13,380 | 149                      | 10.70 | -0,880  |              |       |       |       |       |       |
| 50                      | 3.30  | -2,130  | 100               | 6.90  | -12,130 | 150                      | 10.80 | -2,130  |              |       |       |       |       |       |

| INDEX NO. 268 1108-GR-7 |       |         | ICHINOHASHI B. LG |       |        | MAX.ACCEL.= 55.250(GAL) |       |         | T= 0.80(SEC) |       |        | NO. 1 |       |       |
|-------------------------|-------|---------|-------------------|-------|--------|-------------------------|-------|---------|--------------|-------|--------|-------|-------|-------|
| NO.                     | (SEC) | (GAL)   | NO.               | (SEC) | (GAL)  | NO.                     | (SEC) | (GAL)   | NO.          | (SEC) | (GAL)  | NO.   | (SEC) | (GAL) |
| 1                       | 0.    | 2,750   | 51                | 3.55  | 6,500  | 101                     | 7.00  | 2,750   | 151          | 10.80 | 1,500  |       |       |       |
| 2                       | 0.10  | 1,500   | 52                | 3.60  | 2,750  | 102                     | 7.03  | 5,250   | 152          | 10.90 | 0.250  |       |       |       |
| 3                       | 0.15  | 0.250   | 53                | 3.63  | 2,750  | 103                     | 7.10  | 1,500   | 153          | 11.00 | -4,750 |       |       |       |
| 4                       | 0.20  | 2,750   | 54                | 3.70  | -6,000 | 104                     | 7.18  | -11,000 |              |       |        |       |       |       |
| 5                       | 0.30  | 4,000   | 55                | 3.80  | 2,750  | 105                     | 7.20  | -9,750  |              |       |        |       |       |       |
| 6                       | 0.36  | 6,500   | 56                | 3.84  | 4,000  | 106                     | 7.30  | 6,620   |              |       |        |       |       |       |
| 7                       | 0.40  | 4,000   | 57                | 3.90  | 2,750  | 107                     | 7.33  | 9,000   |              |       |        |       |       |       |
| 8                       | 0.50  | -15,750 | 58                | 3.98  | 2,750  | 108                     | 7.40  | 1,500   |              |       |        |       |       |       |
| 9                       | 0.57  | -22,250 | 59                | 4.00  | 4,000  | 109                     | 7.50  | 2,750   |              |       |        |       |       |       |
| 10                      | 0.60  | -18,500 | 60                | 4.06  | 5,250  | 110                     | 7.60  | 2,750   |              |       |        |       |       |       |
| 11                      | 0.70  | 17,750  | 61                | 4.10  | 2,750  | 111                     | 7.70  | 1,500   |              |       |        |       |       |       |
| 12                      | 0.80  | 55,250  | 62                | 4.19  | -7,250 | 112                     | 7.74  | -3,500  |              |       |        |       |       |       |
| 13                      | 0.90  | -22,250 | 63                | 4.20  | -6,000 | 113                     | 7.80  | 0.250   |              |       |        |       |       |       |
| 14                      | 0.98  | -48,500 | 64                | 4.30  | 0.250  | 114                     | 7.90  | -3,500  |              |       |        |       |       |       |
| 15                      | 1.00  | -46,000 | 65                | 4.40  | 10,250 | 115                     | 7.99  | -7,250  |              |       |        |       |       |       |
| 16                      | 1.10  | 12,750  | 66                | 4.50  | 14,000 | 116                     | 8.00  | -6,000  |              |       |        |       |       |       |
| 17                      | 1.17  | 32,750  | 67                | 4.60  | -6,000 | 117                     | 8.10  | 1,500   |              |       |        |       |       |       |
| 18                      | 1.20  | 27,750  | 68                | 4.68  | -9,750 | 118                     | 8.17  | 4,000   |              |       |        |       |       |       |
| 19                      | 1.22  | 24,000  | 69                | 4.70  | -8,500 | 119                     | 8.20  | 2,750   |              |       |        |       |       |       |
| 20                      | 1.30  | 1,500   | 70                | 4.80  | 2,750  | 120                     | 8.30  | 1,500   |              |       |        |       |       |       |
| 21                      | 1.33  | 0.250   | 71                | 4.82  | 6,500  | 121                     | 8.40  | -1,000  |              |       |        |       |       |       |
| 22                      | 1.40  | 2,750   | 72                | 4.90  | 4,000  | 122                     | 8.50  | -1,000  |              |       |        |       |       |       |
| 23                      | 1.50  | 15,250  | 73                | 5.00  | 2,750  | 123                     | 8.60  | 1,500   |              |       |        |       |       |       |
| 24                      | 1.60  | -7,250  | 74                | 5.01  | 1,500  | 124                     | 8.70  | 2,750   |              |       |        |       |       |       |
| 25                      | 1.70  | 11,500  | 75                | 5.10  | 2,750  | 125                     | 8.80  | -3,500  |              |       |        |       |       |       |
| 26                      | 1.80  | -8,500  | 76                | 5.18  | 0.250  | 126                     | 8.90  | -4,750  |              |       |        |       |       |       |
| 27                      | 1.90  | 4,000   | 77                | 5.20  | 1,500  | 127                     | 9.00  | 0.250   |              |       |        |       |       |       |
| 28                      | 1.96  | 4,000   | 78                | 5.30  | 1,500  | 128                     | 9.07  | 2,750   |              |       |        |       |       |       |
| 29                      | 2.00  | 14,000  | 79                | 5.40  | 2,750  | 129                     | 9.10  | 1,500   |              |       |        |       |       |       |
| 30                      | 2.07  | 20,250  | 80                | 5.50  | 2,750  | 130                     | 9.16  | -3,500  |              |       |        |       |       |       |
| 31                      | 2.10  | 16,500  | 81                | 5.60  | -3,500 | 131                     | 9.20  | -1,000  |              |       |        |       |       |       |
| 32                      | 2.20  | -19,750 | 82                | 5.70  | 2,750  | 132                     | 9.30  | 4,000   |              |       |        |       |       |       |
| 33                      | 2.30  | 4,000   | 83                | 5.74  | 7,750  | 133                     | 9.40  | -6,000  |              |       |        |       |       |       |
| 34                      | 2.35  | 12,750  | 84                | 5.80  | 6,500  | 134                     | 9.44  | -11,000 |              |       |        |       |       |       |
| 35                      | 2.40  | 6,500   | 85                | 5.90  | -7,250 | 135                     | 9.50  | -9,750  |              |       |        |       |       |       |
| 36                      | 2.43  | 9,000   | 86                | 5.96  | -9,750 | 136                     | 9.60  | -4,750  |              |       |        |       |       |       |
| 37                      | 2.50  | 2,750   | 87                | 6.00  | -8,500 | 137                     | 9.70  | 2,750   |              |       |        |       |       |       |
| 38                      | 2.60  | 4,000   | 88                | 6.10  | 12,750 | 138                     | 9.77  | 4,000   |              |       |        |       |       |       |
| 39                      | 2.70  | 6,500   | 89                | 6.13  | 14,000 | 139                     | 9.80  | 1,500   |              |       |        |       |       |       |
| 40                      | 2.79  | -4,750  | 90                | 6.20  | 4,000  | 140                     | 9.88  | -8,500  |              |       |        |       |       |       |
| 41                      | 2.80  | -3,500  | 91                | 6.29  | -9,750 | 141                     | 9.90  | -7,250  |              |       |        |       |       |       |
| 42                      | 2.90  | 4,000   | 92                | 6.30  | -8,500 | 142                     | 10.05 | -3,500  |              |       |        |       |       |       |
| 43                      | 2.94  | 6,500   | 93                | 6.40  | 1,500  | 143                     | 10.10 | 1,500   |              |       |        |       |       |       |
| 44                      | 3.00  | 6,750   | 94                | 6.42  | 2,750  | 144                     | 10.20 | -2,750  |              |       |        |       |       |       |
| 45                      | 3.10  | -7,250  | 95                | 6.50  | 1,500  | 145                     | 10.30 | 3,250   |              |       |        |       |       |       |
| 46                      | 3.14  | 2,750   | 96                | 6.60  | 0.250  | 146                     | 10.40 | -3,500  |              |       |        |       |       |       |
| 47                      | 3.20  | 5,250   | 97                | 6.70  | 2,750  | 147                     | 10.50 | -8,500  |              |       |        |       |       |       |
| 48                      | 3.30  | 12,750  | 98                | 6.80  | -3,500 | 148                     | 10.60 | -2,250  |              |       |        |       |       |       |
| 49                      | 3.40  | 0.250   | 99                | 6.85  | -9,750 | 149                     | 10.65 | 2,750   |              |       |        |       |       |       |
| 50                      | 3.50  | 2,750   | 100               | 6.90  | -8,500 | 150                     | 10.70 | 1,500   |              |       |        |       |       |       |

INDEX NO. 269 1109-GR-3 HANEDA U. T. LG MAX.ACCEL.= -59,250(GAL) T= 1.93(SEC) NO. 1

| NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   | NO. | (SEC) | (GAL)   |
|-----|-------|---------|-----|-------|---------|-----|-------|---------|-----|-------|---------|
| 1   | 0.    | -3,000  | 51  | 3.10  | 2,000   | 101 | 5.55  | 7,000   | 151 | 8.70  | -5,500  |
| 2   | 0.05  | -3,000  | 52  | 3.15  | 3,250   | 102 | 5.60  | 9,400   | 152 | 8.75  | -3,000  |
| 3   | 0.10  | 0.750   | 53  | 3.20  | -9,250  | 103 | 5.65  | 15,750  | 153 | 8.80  | 9,500   |
| 4   | 0.20  | -3,000  | 54  | 3.25  | -15,500 | 104 | 5.70  | 14,400  | 154 | 8.90  | -6,750  |
| 5   | 0.30  | 0.750   | 55  | 3.30  | -1,750  | 105 | 5.75  | -10,500 | 155 | 9.00  | 7,000   |
| 6   | 0.40  | 3,000   | 56  | 3.37  | -3,000  | 106 | 5.80  | -6,750  | 156 | 9.10  | 15,750  |
| 7   | 0.47  | -13,000 | 57  | 3.40  | -0,500  | 107 | 5.85  | -3,000  | 157 | 9.15  | 17,000  |
| 8   | 0.50  | -9,250  | 58  | 3.44  | 3,250   | 108 | 5.90  | -13,000 | 158 | 9.20  | 9,500   |
| 9   | 0.53  | 4,250   | 59  | 3.50  | -19,250 | 109 | 5.92  | -11,250 | 159 | 9.30  | -10,500 |
| 10  | 0.60  | 0.750   | 60  | 3.60  | -0,500  | 110 | 6.00  | -10,500 | 160 | 9.35  | -15,500 |
| 11  | 0.70  | -9,250  | 61  | 3.65  | 9,500   | 111 | 6.10  | 9,500   | 161 | 9.40  | -9,250  |
| 12  | 0.80  | 24,500  | 62  | 3.70  | 2,000   | 112 | 6.20  | 2,000   | 162 | 9.50  | -6,750  |
| 13  | 0.90  | -21,750 | 63  | 3.74  | -3,000  | 113 | 6.25  | 5,750   | 163 | 9.60  | 3,250   |
| 14  | 0.95  | -18,000 | 64  | 3.80  | 3,250   | 114 | 6.30  | 9,500   | 164 | 9.70  | 15,750  |
| 15  | 1.00  | 23,000  | 65  | 3.84  | 9,500   | 115 | 6.40  | 15,750  | 165 | 9.80  | -3,000  |
| 16  | 1.10  | 9,500   | 66  | 3.88  | 17,000  | 116 | 6.50  | -15,500 | 166 | 9.90  | 0,750   |
| 17  | 1.17  | 33,250  | 67  | 3.90  | 15,750  | 117 | 6.60  | 5,750   | 167 | 9.95  | -9,250  |
| 18  | 1.20  | 30,750  | 68  | 3.95  | 19,500  | 118 | 6.70  | 9,500   | 168 | 10.00 | -15,500 |
| 19  | 1.25  | 9,500   | 69  | 4.00  | 15,750  | 119 | 6.80  | 4,500   | 169 | 10.10 | -3,000  |
| 20  | 1.30  | 20,750  | 70  | 4.10  | -21,750 | 120 | 6.90  | -13,000 | 170 | 10.20 | -5,500  |
| 21  | 1.36  | 3,250   | 71  | 4.17  | -15,500 | 121 | 6.95  | -3,000  | 171 | 10.30 | -7,000  |
| 22  | 1.40  | 9,500   | 72  | 4.20  | -13,000 | 122 | 7.00  | -0,500  | 172 | 10.40 | 3,250   |
| 23  | 1.50  | 49,500  | 73  | 4.25  | -9,250  | 123 | 7.07  | 15,750  | 173 | 10.50 | 7,000   |
| 24  | 1.60  | -3,000  | 74  | 4.30  | 5,750   | 124 | 7.10  | 9,500   | 174 | 10.60 | -6,750  |
| 25  | 1.63  | -15,500 | 75  | 4.36  | -0,500  | 125 | 7.15  | 3,250   | 175 | 10.70 | -13,000 |
| 26  | 1.70  | 9,500   | 76  | 4.40  | 3,250   | 126 | 7.20  | -3,000  | 176 | 10.80 | 9,500   |
| 27  | 1.77  | 44,500  | 77  | 4.45  | 12,000  | 127 | 7.25  | -13,000 | 177 | 10.85 | 13,250  |
| 28  | 1.80  | 40,750  | 78  | 4.50  | 9,500   | 128 | 7.30  | -9,250  | 178 | 10.90 | 9,500   |
| 29  | 1.90  | -46,750 | 79  | 4.58  | -0,500  | 129 | 7.35  | -5,500  | 179 | 11.00 | -1,750  |
| 30  | 1.95  | -59,250 | 80  | 4.60  | -3,000  | 130 | 7.40  | -9,250  | 180 | 11.10 | -5,500  |
| 31  | 2.00  | 15,750  | 81  | 4.66  | 2,000   | 131 | 7.45  | 4,250   | 181 | 11.20 | -5,500  |
| 32  | 2.03  | 27,000  | 82  | 4.70  | -3,000  | 132 | 7.50  | 0,750   | 182 | 11.30 | -4,250  |
| 33  | 2.10  | 3,250   | 83  | 4.72  | -12,940 | 133 | 7.60  | 3,250   | 183 | 11.35 | 3,250   |
| 34  | 2.20  | 4,250   | 84  | 4.76  | -3,000  | 134 | 7.65  | 19,750  | 184 | 11.40 | -1,750  |
| 35  | 2.30  | 18,250  | 85  | 4.80  | -3,000  | 135 | 7.70  | 13,250  | 185 | 11.50 | -5,500  |
| 36  | 2.35  | 9,500   | 86  | 4.85  | 9,500   | 136 | 7.77  | 7,000   | 186 | 11.60 | -3,000  |
| 37  | 2.38  | 7,000   | 87  | 4.90  | 5,750   | 137 | 7.80  | 3,250   | 187 | 11.70 | 5,750   |
| 38  | 2.40  | 3,250   | 88  | 4.95  | 1,750   | 138 | 7.85  | -5,500  | 188 | 11.80 | 7,000   |
| 39  | 2.44  | -0,500  | 89  | 5.00  | 8,250   | 139 | 7.90  | -15,500 | 189 | 11.90 | 3,250   |
| 40  | 2.47  | 7,000   | 90  | 5.05  | -0,500  | 140 | 8.00  | -3,000  | 190 | 12.00 | 7,000   |
| 41  | 2.50  | 9,500   | 91  | 5.10  | -0,500  | 141 | 8.05  | -3,000  | 191 | 12.10 | 5,750   |
| 42  | 2.55  | 12,000  | 92  | 5.17  | -5,500  | 142 | 8.10  | -6,750  | 192 | 12.20 | -4,250  |
| 43  | 2.60  | -3,000  | 93  | 5.20  | -3,000  | 143 | 8.15  | -9,250  | 193 | 12.25 | -6,750  |
| 44  | 2.65  | -11,750 | 94  | 5.24  | -7,000  | 144 | 8.20  | -5,500  | 194 | 12.30 | -5,500  |
| 45  | 2.70  | -3,000  | 95  | 5.30  | 9,250   | 145 | 8.30  | 4,500   | 195 | 12.40 | -4,250  |
| 46  | 2.73  | 15,750  | 96  | 5.35  | -6,750  | 146 | 8.40  | 7,000   | 196 | 12.45 | 2,000   |
| 47  | 2.80  | 19,800  | 97  | 5.40  | -3,000  | 147 | 8.43  | 7,000   | 197 | 12.50 | -3,000  |
| 48  | 2.90  | 5,750   | 98  | 5.45  | 3,250   | 148 | 8.50  | -5,800  | 198 | 12.55 | -9,250  |
| 49  | 2.95  | -4,250  | 99  | 5.50  | -3,000  | 149 | 8.60  | -13,000 | 199 | 12.60 | -11,750 |
| 50  | 3.00  | 3,250   | 100 | 5.53  | -6,750  | 150 | 8.65  | -9,250  | 200 | 12.70 | 0,750   |

INDEX NO. 269 1109-GR-3 HANEDA U. T. LG MAX.ACCEL.= -59,250(GAL) T= 1.93(SEC) NO. 2

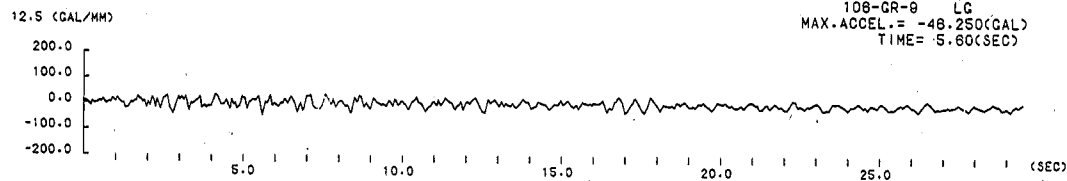
| NO. | (SEC) | (GAL)  | NO. | (SEC) | (GAL)  |
|-----|-------|--------|-----|-------|--------|
| 201 | 12.76 | 8,250  | 251 | 16.80 | -3,000 |
| 202 | 12.80 | 7,630  | 252 | 16.85 | -0,300 |
| 203 | 12.90 | 3,250  | 253 | 16.90 | -3,630 |
| 204 | 12.94 | -1,750 | 254 | 17.00 | -3,000 |
| 205 | 13.00 | 5,750  |     |       |        |
| 206 | 13.05 | 8,250  |     |       |        |
| 207 | 13.10 | -5,500 |     |       |        |
| 208 | 13.17 | 7,000  |     |       |        |
| 209 | 13.20 | 3,250  |     |       |        |
| 210 | 13.30 | -1,750 |     |       |        |
| 211 | 13.40 | -5,500 |     |       |        |
| 212 | 13.50 | -3,000 |     |       |        |
| 213 | 13.60 | -0,750 |     |       |        |
| 214 | 13.70 | 2,000  |     |       |        |
| 215 | 13.75 | 7,000  |     |       |        |
| 216 | 13.80 | -0,500 |     |       |        |
| 217 | 13.90 | -4,250 |     |       |        |
| 218 | 13.93 | -5,500 |     |       |        |
| 219 | 14.00 | -1,750 |     |       |        |
| 220 | 14.10 | 5,760  |     |       |        |
| 221 | 14.20 | 2,000  |     |       |        |
| 222 | 14.30 | -0,500 |     |       |        |
| 223 | 14.40 | 5,750  |     |       |        |
| 224 | 14.43 | 9,500  |     |       |        |
| 225 | 14.50 | 4,500  |     |       |        |
| 226 | 14.60 | -0,500 |     |       |        |
| 227 | 14.70 | -3,000 |     |       |        |
| 228 | 14.80 | -4,250 |     |       |        |
| 229 | 14.90 | -4,250 |     |       |        |
| 230 | 15.00 | 8,250  |     |       |        |
| 231 | 15.05 | 13,250 |     |       |        |
| 232 | 15.10 | 9,500  |     |       |        |
| 233 | 15.20 | 0,130  |     |       |        |
| 234 | 15.30 | -0,500 |     |       |        |
| 235 | 15.35 | -4,250 |     |       |        |
| 236 | 15.40 | -5,000 |     |       |        |
| 237 | 15.50 | -1,750 |     |       |        |
| 238 | 15.60 | 7,000  |     |       |        |
| 239 | 15.70 | 0,750  |     |       |        |
| 240 | 15.80 | -3,000 |     |       |        |
| 241 | 15.90 | 3,250  |     |       |        |
| 242 | 16.00 | 4,500  |     |       |        |
| 243 | 16.10 | -1,750 |     |       |        |
| 244 | 16.20 | -3,000 |     |       |        |
| 245 | 16.30 | -1,750 |     |       |        |
| 246 | 16.40 | -4,250 |     |       |        |
| 247 | 16.50 | 0,750  |     |       |        |
| 248 | 16.60 | 5,750  |     |       |        |
| 249 | 16.70 | 3,250  |     |       |        |
| 250 | 16.75 | -5,500 |     |       |        |

| INDEX NO. | 270   | 1109-GR-3 | HANEDA U. T. | TR    | MAX.ACCEL. = -54.750(GAL) | T = 2.25(SEC) | NO.   | 1       |
|-----------|-------|-----------|--------------|-------|---------------------------|---------------|-------|---------|
| NO.       | (SEC) | (GAL)     | NO.          | (SEC) | (GAL)                     | NO.           | (SEC) | (GAL)   |
| 1         | 0.    | 7.750     | 51           | 3.40  | -13.500                   | 101           | 6.50  | 19.000  |
| 2         | 0.05  | 1.500     | 52           | 3.47  | -4.750                    | 102           | 6.55  | 5.250   |
| 3         | 0.10  | 5.250     | 53           | 3.50  | -4.750                    | 103           | 6.60  | 7.750   |
| 4         | 0.15  | 4.500     | 54           | 3.55  | -6.000                    | 104           | 6.70  | -2.250  |
| 5         | 0.20  | 5.250     | 55           | 3.60  | 7.750                     | 105           | 6.80  | -13.500 |
| 6         | 0.25  | 0.250     | 56           | 3.70  | 1.500                     | 106           | 6.90  | 1.500   |
| 7         | 0.30  | 1.500     | 57           | 3.80  | 1.500                     | 107           | 6.95  | 7.750   |
| 8         | 0.40  | 5.250     | 58           | 3.86  | -2.250                    | 108           | 7.00  | -1.000  |
| 9         | 0.50  | -17.250   | 59           | 3.90  | -1.000                    | 109           | 7.05  | -4.750  |
| 10        | 0.55  | 1.500     | 60           | 4.00  | -4.750                    | 110           | 7.10  | 4.000   |
| 11        | 0.60  | 1.500     | 61           | 4.05  | 17.750                    | 111           | 7.20  | 7.750   |
| 12        | 0.65  | 1.500     | 62           | 4.10  | 7.750                     | 112           | 7.26  | 24.000  |
| 13        | 0.70  | 10.250    | 63           | 4.15  | -4.750                    | 113           | 7.30  | 20.250  |
| 14        | 0.77  | -17.250   | 64           | 4.20  | -2.250                    | 114           | 7.40  | -19.750 |
| 15        | 0.80  | 11.000    | 65           | 4.25  | -3.500                    | 115           | 7.50  | -4.750  |
| 16        | 0.81  | 2.750     | 66           | 4.30  | 1.500                     | 116           | 7.55  | 7.750   |
| 17        | 0.90  | 6.500     | 67           | 4.35  | 1.500                     | 117           | 7.60  | 4.000   |
| 18        | 1.00  | 20.250    | 68           | 4.40  | -17.250                   | 118           | 7.65  | -4.750  |
| 19        | 1.10  | -17.250   | 69           | 4.45  | -19.750                   | 119           | 7.70  | 7.750   |
| 20        | 1.20  | 7.750     | 70           | 4.50  | -11.000                   | 120           | 7.80  | 17.750  |
| 21        | 1.30  | 45.250    | 71           | 4.60  | 14.000                    | 121           | 7.90  | 4.000   |
| 22        | 1.40  | -17.250   | 72           | 4.65  | 17.750                    | 122           | 7.96  | -6.000  |
| 23        | 1.45  | -36.000   | 73           | 4.70  | 7.750                     | 123           | 8.00  | -7.250  |
| 24        | 1.50  | -23.500   | 74           | 4.80  | -7.250                    | 124           | 8.10  | -6.000  |
| 25        | 1.60  | 44.000    | 75           | 4.85  | -11.000                   | 125           | 8.20  | -2.250  |
| 26        | 1.70  | -17.250   | 76           | 4.90  | 7.750                     | 126           | 8.27  | 1.500   |
| 27        | 1.77  | -47.250   | 77           | 4.94  | 10.250                    | 127           | 8.30  | -1.000  |
| 28        | 1.80  | -48.500   | 78           | 5.00  | 1.500                     | 128           | 8.40  | -4.750  |
| 29        | 1.90  | 1.500     | 79           | 5.04  | 0.250                     | 129           | 8.50  | 7.750   |
| 30        | 1.95  | -4.750    | 80           | 5.06  | 7.750                     | 130           | 8.60  | 20.250  |
| 31        | 2.00  | 20.250    | 81           | 5.10  | 7.750                     | 131           | 8.65  | 7.750   |
| 32        | 2.10  | 32.750    | 82           | 5.20  | 6.500                     | 132           | 8.70  | 5.250   |
| 33        | 2.20  | -29.750   | 83           | 5.25  | -6.000                    | 133           | 8.80  | -4.750  |
| 34        | 2.25  | -54.750   | 84           | 5.30  | -4.750                    | 134           | 8.90  | 7.750   |
| 35        | 2.30  | -32.250   | 85           | 5.40  | -13.500                   | 135           | 8.95  | -2.250  |
| 36        | 2.40  | 7.750     | 86           | 5.50  | 7.750                     | 136           | 9.00  | -4.750  |
| 37        | 2.45  | 17.750    | 87           | 5.60  | -4.750                    | 137           | 9.10  | -4.750  |
| 38        | 2.50  | 16.500    | 88           | 5.65  | -6.000                    | 138           | 9.16  | 4.000   |
| 39        | 2.56  | 7.750     | 89           | 5.70  | -4.750                    | 139           | 9.20  | 7.750   |
| 40        | 2.60  | 7.750     | 90           | 5.75  | 6.500                     | 140           | 9.25  | 9.000   |
| 41        | 2.65  | -12.250   | 91           | 5.80  | 5.250                     | 141           | 9.30  | 7.750   |
| 42        | 2.70  | 7.750     | 92           | 5.90  | 1.500                     | 142           | 9.40  | -2.250  |
| 43        | 2.75  | 14.000    | 93           | 6.00  | -4.750                    | 143           | 9.50  | -17.250 |
| 44        | 2.80  | -17.250   | 94           | 6.10  | -3.500                    | 144           | 9.55  | -19.750 |
| 45        | 2.90  | 20.250    | 95           | 6.20  | -4.750                    | 145           | 9.60  | -17.250 |
| 46        | 3.00  | -23.500   | 96           | 6.26  | -4.750                    | 146           | 9.70  | 14.000  |
| 47        | 3.10  | -11.000   | 97           | 6.30  | 1.500                     | 147           | 9.80  | 20.250  |
| 48        | 3.15  | -13.500   | 98           | 6.35  | 5.250                     | 148           | 9.90  | 7.750   |
| 49        | 3.20  | -11.000   | 99           | 6.40  | 1.500                     | 149           | 10.00 | 5.250   |
| 50        | 3.30  | 24.000    | 100          | 6.46  | 20.250                    | 150           | 10.05 | -4.750  |
| 151       | 10.05 | -3.500    | 151          | 10.10 | -4.750                    | 151           | 10.10 | -3.500  |
| 152       | 10.20 | -4.750    | 152          | 10.20 | -4.750                    | 152           | 10.20 | -4.750  |
| 153       | 10.30 | -4.750    | 153          | 10.30 | -4.750                    | 153           | 10.30 | -4.750  |
| 154       | 10.40 | 2.750     | 154          | 10.40 | 2.750                     | 154           | 10.40 | 2.750   |
| 155       | 10.50 | 7.750     | 155          | 10.50 | 7.750                     | 155           | 10.50 | 7.750   |
| 156       | 10.60 | -6.000    | 156          | 10.60 | -6.000                    | 156           | 10.60 | -6.000  |
| 157       | 10.70 | -8.500    | 157          | 10.70 | -8.500                    | 157           | 10.70 | -8.500  |
| 158       | 10.80 | -4.750    | 158          | 10.80 | -4.750                    | 158           | 10.80 | -4.750  |
| 159       | 10.90 | 5.250     | 159          | 10.90 | 5.250                     | 159           | 10.90 | 5.250   |
| 160       | 10.96 | 7.750     | 160          | 10.96 | 7.750                     | 160           | 10.96 | 7.750   |
| 161       | 11.00 | 4.000     | 161          | 11.00 | 4.000                     | 161           | 11.00 | 4.000   |
| 162       | 11.05 | 1.500     | 162          | 11.05 | 1.500                     | 162           | 11.05 | 1.500   |
| 163       | 11.10 | 5.250     | 163          | 11.10 | 5.250                     | 163           | 11.10 | 5.250   |
| 164       | 11.20 | 1.500     | 164          | 11.20 | 1.500                     | 164           | 11.20 | 1.500   |
| 165       | 11.30 | -2.250    | 165          | 11.30 | -2.250                    | 165           | 11.30 | -2.250  |
| 166       | 11.40 | -4.750    | 166          | 11.40 | -4.750                    | 166           | 11.40 | -4.750  |
| 167       | 11.50 | -4.750    | 167          | 11.50 | -4.750                    | 167           | 11.50 | -4.750  |
| 168       | 11.60 | -6.000    | 168          | 11.60 | -6.000                    | 168           | 11.60 | -6.000  |
| 169       | 11.66 | -4.750    | 169          | 11.66 | -4.750                    | 169           | 11.66 | -4.750  |
| 170       | 11.70 | -4.750    | 170          | 11.70 | -4.750                    | 170           | 11.70 | -4.750  |
| 171       | 11.75 | -4.750    | 171          | 11.75 | -4.750                    | 171           | 11.75 | -4.750  |
| 172       | 11.80 | 1.500     | 172          | 11.80 | 1.500                     | 172           | 11.80 | 1.500   |
| 173       | 11.90 | 19.000    | 173          | 11.90 | 19.000                    | 173           | 11.90 | 19.000  |
| 174       | 12.00 | -1.000    | 174          | 12.00 | -1.000                    | 174           | 12.00 | -1.000  |
| 175       | 12.10 | -11.000   | 175          | 12.10 | -11.000                   | 175           | 12.10 | -11.000 |
| 176       | 12.20 | 1.900     | 176          | 12.20 | 1.900                     | 176           | 12.20 | 1.900   |
| 177       | 12.30 | 0.250     | 177          | 12.30 | 0.250                     | 177           | 12.30 | 0.250   |
| 178       | 12.40 | -11.000   | 178          | 12.40 | -11.000                   | 178           | 12.40 | -11.000 |
| 179       | 12.50 | -13.500   | 179          | 12.50 | -13.500                   | 179           | 12.50 | -13.500 |
| 180       | 12.60 | -4.750    | 180          | 12.60 | -4.750                    | 180           | 12.60 | -4.750  |
| 181       | 12.64 | 1.500     | 181          | 12.64 | 1.500                     | 181           | 12.64 | 1.500   |
| 182       | 12.70 | 2.750     | 182          | 12.70 | 2.750                     | 182           | 12.70 | 2.750   |
| 183       | 12.80 | 1.500     | 183          | 12.80 | 1.500                     | 183           | 12.80 | 1.500   |
| 184       | 12.90 | 7.750     | 184          | 12.90 | 7.750                     | 184           | 12.90 | 7.750   |
| 185       | 13.00 | 5.250     | 185          | 13.00 | 5.250                     | 185           | 13.00 | 5.250   |
| 186       | 13.10 | 5.250     | 186          | 13.10 | 5.250                     | 186           | 13.10 | 5.250   |
| 187       | 13.20 | 5.250     | 187          | 13.20 | 5.250                     | 187           | 13.20 | 5.250   |
| 188       | 13.25 | 7.750     | 188          | 13.25 | 7.750                     | 188           | 13.25 | 7.750   |
| 189       | 13.30 | 1.500     | 189          | 13.30 | 1.500                     | 189           | 13.30 | 1.500   |
| 190       | 13.32 | -4.750    | 190          | 13.32 | -4.750                    | 190           | 13.32 | -4.750  |
| 191       | 13.40 | -4.750    | 191          | 13.40 | -4.750                    | 191           | 13.40 | -4.750  |
| 192       | 13.50 | -7.500    | 192          | 13.50 | -7.500                    | 192           | 13.50 | -7.500  |
| 193       | 13.58 | 1.500     | 193          | 13.58 | 1.500                     | 193           | 13.58 | 1.500   |
| 194       | 13.60 | -2.250    | 194          | 13.60 | -2.250                    | 194           | 13.60 | -2.250  |
| 195       | 13.65 | -4.750    | 195          | 13.65 | -4.750                    | 195           | 13.65 | -4.750  |
| 196       | 13.70 | -3.500    | 196          | 13.70 | -3.500                    | 196           | 13.70 | -3.500  |
| 197       | 13.72 | -1.000    | 197          | 13.72 | -1.000                    | 197           | 13.72 | -1.000  |
| 198       | 13.80 | 1.500     | 198          | 13.80 | 1.500                     | 198           | 13.80 | 1.500   |
| 199       | 13.90 | 1.500     | 199          | 13.90 | 1.500                     | 199           | 13.90 | 1.500   |
| 200       | 13.97 | 4.000     | 200          | 13.97 | 4.000                     | 200           | 13.97 | 4.000   |

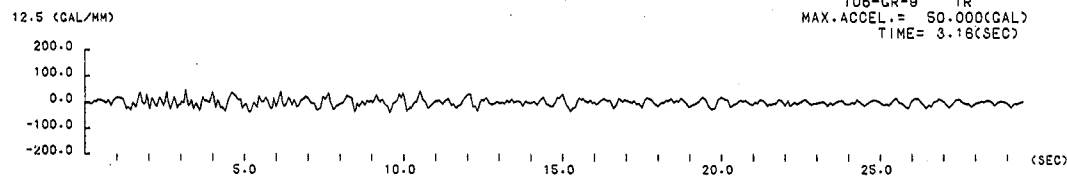
| INDEX NO. | 270   | 1109-GR-3 | HANEDA U. T. | TR | MAX.ACCEL. = -54.750(GAL) | T = 2.25(SEC) | NO. 2 |
|-----------|-------|-----------|--------------|----|---------------------------|---------------|-------|
| NO.       | (SEC) | (GAL)     |              |    |                           |               |       |
| 201       | 14.00 | 1.500     |              |    |                           |               |       |
| 202       | 14.10 | -4.750    |              |    |                           |               |       |
| 203       | 14.15 | -6.000    |              |    |                           |               |       |
| 204       | 14.20 | 4.000     |              |    |                           |               |       |
| 205       | 14.30 | 14.000    |              |    |                           |               |       |
| 206       | 14.40 | -4.750    |              |    |                           |               |       |
| 207       | 14.45 | -7.250    |              |    |                           |               |       |
| 208       | 14.50 | -4.750    |              |    |                           |               |       |
| 209       | 14.55 | 7.750     |              |    |                           |               |       |
| 210       | 14.60 | 7.750     |              |    |                           |               |       |
| 211       | 14.70 | 1.500     |              |    |                           |               |       |
| 212       | 14.75 | 2.750     |              |    |                           |               |       |
| 213       | 14.80 | 0.250     |              |    |                           |               |       |
| 214       | 14.90 | -7.250    |              |    |                           |               |       |
| 215       | 14.97 | 2.750     |              |    |                           |               |       |
| 216       | 15.00 | 5.250     |              |    |                           |               |       |
| 217       | 15.10 | 5.250     |              |    |                           |               |       |
| 218       | 15.20 | 1.500     |              |    |                           |               |       |
| 219       | 15.30 | 7.750     |              |    |                           |               |       |
| 220       | 15.40 | 5.250     |              |    |                           |               |       |
| 221       | 15.50 | 4.000     |              |    |                           |               |       |
| 222       | 15.60 | -4.750    |              |    |                           |               |       |
| 223       | 15.65 | -11.000   |              |    |                           |               |       |
| 224       | 15.70 | -9.750    |              |    |                           |               |       |
| 225       | 15.80 | 1.500     |              |    |                           |               |       |
| 226       | 15.85 | 7.750     |              |    |                           |               |       |
| 227       | 15.90 | 11.500    |              |    |                           |               |       |
| 228       | 16.00 | 7.750     |              |    |                           |               |       |
| 229       | 16.10 | -4.750    |              |    |                           |               |       |
| 230       | 16.20 | -13.500   |              |    |                           |               |       |
| 231       | 16.30 | -4.750    |              |    |                           |               |       |
| 232       | 16.40 | 0.250     |              |    |                           |               |       |
| 233       | 16.50 | -4.750    |              |    |                           |               |       |
| 234       | 16.60 | 1.500     |              |    |                           |               |       |
| 235       | 16.70 | 1.500     |              |    |                           |               |       |
| 236       | 16.75 | 6.500     |              |    |                           |               |       |
| 237       | 16.80 | 5.250     |              |    |                           |               |       |
| 238       | 16.90 | 0.250     |              |    |                           |               |       |
| 239       | 17.00 | -3.500    |              |    |                           |               |       |

## § 7. 強震記録再生波形

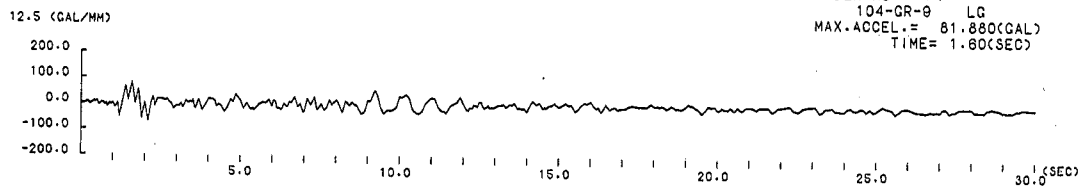
E.Q.NO.= 68057  
 SOOKA BRIDGE  
 INDEX NO. 80  
 106-GR-9 LG  
 MAX.ACCEL.= -48.250(GAL)  
 TIME= 5.60(SEC)



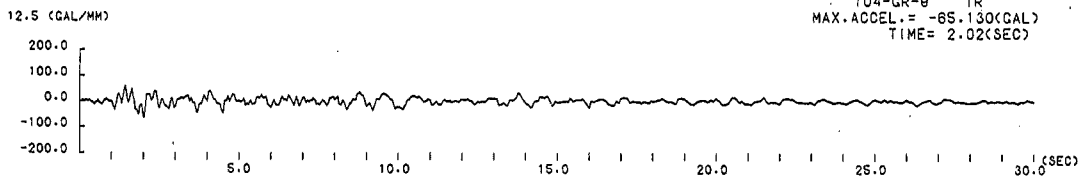
E.Q.NO.= 68057  
 SOOKA BRIDGE  
 INDEX NO. 88  
 108-GR-9 TR  
 MAX.ACCEL.= 50.000(GAL)  
 TIME= 3.18(SEC)



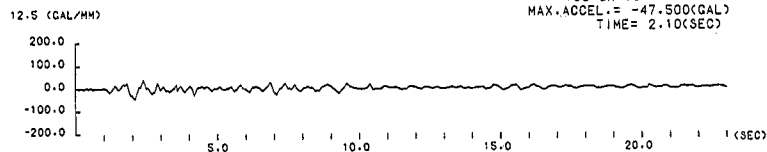
E.Q.NO.= 68057  
 SHINTONEGAWA B.  
 INDEX NO. 74  
 104-GR-9 LG  
 MAX.ACCEL.= 81.880(GAL)  
 TIME= 1.60(SEC)



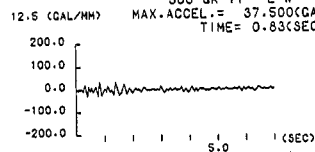
E.Q.NO.= 68057  
 SHINTONEGAWA B.  
 INDEX NO. 73  
 104-GR-9 TR  
 MAX.ACCEL.= -65.130(GAL)  
 TIME= 2.02(SEC)



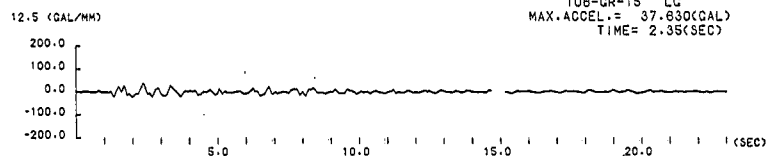
E.Q.NO.= 68090  
SODKA BRIDGE  
INDEX NO. 124 TR  
108-GR-1S  
MAX.ACCEL.= -47.500(GAL)  
TIME= 2.10(SEC)



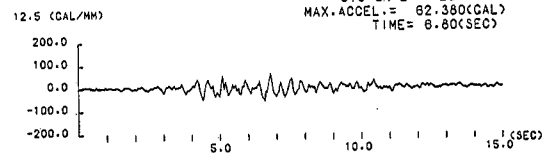
E.Q.NO.= 68090  
KANNONZAKI  
INDEX NO. 219  
S03-GR-11 E-W  
MAX.ACCEL.= 37.500(GAL)  
TIME= 0.83(SEC)



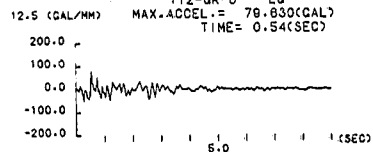
E.Q.NO.= 68090  
SODKA BRIDGE  
INDEX NO. 125  
108-GR-1S LG  
MAX.ACCEL.= 37.630(GAL)  
TIME= 2.35(SEC)



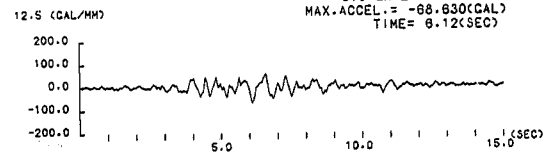
E.Q.NO.= 68086  
ISHIZUCHI BRIDGE  
INDEX NO. 218  
313-GR-2 LG  
MAX.ACCEL.= 82.380(GAL)  
TIME= 6.80(SEC)



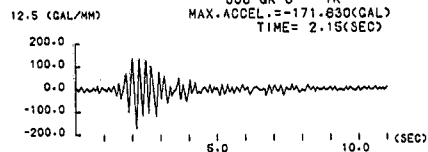
E.Q.NO.= 68022  
KINOKAWA BRIDGE  
INDEX NO. 204  
112-GR-8 LG  
MAX.ACCEL.= 79.630(GAL)  
TIME= 0.54(SEC)



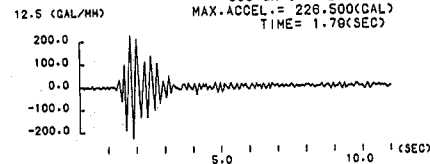
E.Q.NO.= 68088  
ISHIZUCHI BRIDGE  
INDEX NO. 217  
313-GR-2 TR  
MAX.ACCEL.= -68.630(GAL)  
TIME= 8.12(SEC)



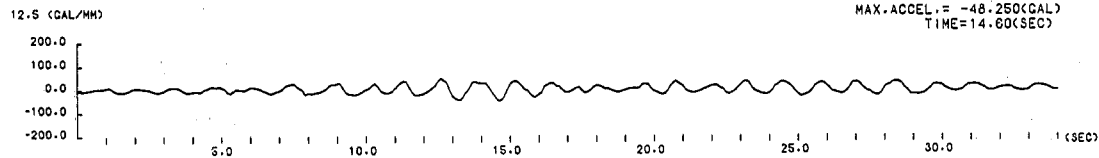
E.Q.NO.= 68070  
ITAJIMA BRIDGE  
INDEX NO. 215  
308-GR-8 TR  
MAX.ACCEL.= -171.630(GAL)  
TIME= 2.15(SEC)



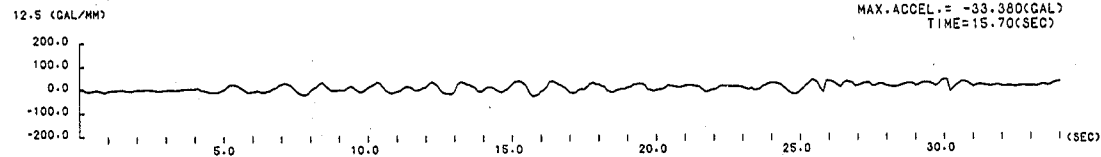
E.Q.NO.= 68070  
ITAJIMA BRIDGE  
INDEX NO. 216  
308-GR-8 LG  
MAX.ACCEL.= 228.500(GAL)  
TIME= 1.78(SEC)



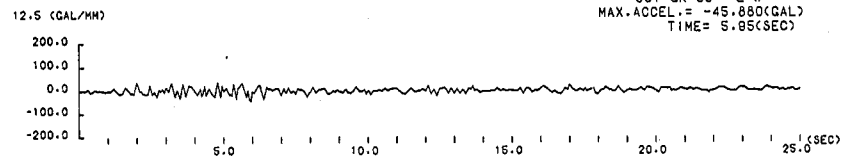
E.Q.NO.= 88028  
 MYOKEN BRIDGE  
 INDEX NO. 214  
 308-GR-1 LG  
 MAX.ACCEL.= -48.250(GAL)  
 TIME=14.80(SEC)



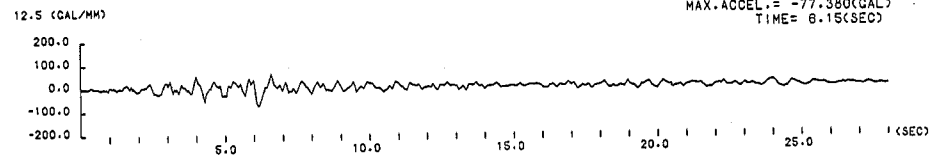
E.Q.NO.= 88028  
 MYOKEN BRIDGE  
 INDEX NO. 213  
 308-GR-1 TR  
 MAX.ACCEL.= -33.380(GAL)  
 TIME=15.70(SEC)



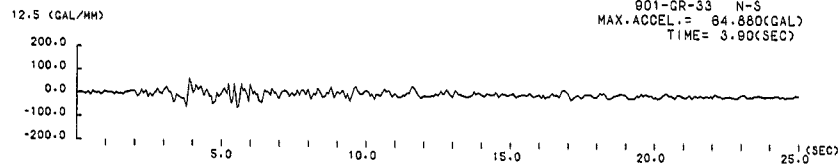
E.Q.NO.= 88057  
 P.W.R.I. CHIBA  
 INDEX NO. 224  
 901-GR-33 E-W  
 MAX.ACCEL.= -45.880(GAL)  
 TIME= 5.95(SEC)



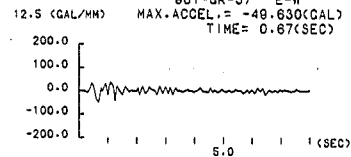
E.Q.NO.= 88057  
 NISHIARAI BRIDGE  
 INDEX NO. 227  
 902-GR-25 LG  
 MAX.ACCEL.= -77.380(GAL)  
 TIME= 6.15(SEC)



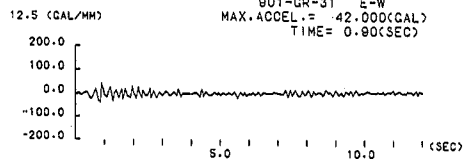
E.Q.NO.= 68057  
P.W.R.I. CHIBA  
INDEX NO. 223  
901-GR-33 N-S  
MAX.ACCEL.= 64.880(GAL)  
TIME= 3.90(SEC)



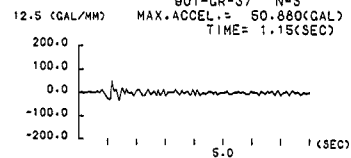
E.Q.NO.= 88090  
P.W.R.I. CHIBA  
INDEX NO. 228  
901-GR-37 E-W  
MAX.ACCEL.= -48.630(GAL)  
TIME= 0.67(SEC)



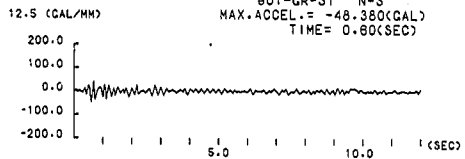
E.Q.NO.= 88018  
P.W.R.I. CHIBA  
INDEX NO. 222  
901-GR-31 E-W  
MAX.ACCEL.= -42.000(GAL)  
TIME= 0.90(SEC)



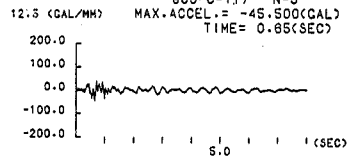
E.Q.NO.= 88090  
P.W.R.I. CHIBA  
INDEX NO. 225  
901-GR-37 N-S  
MAX.ACCEL.= 50.880(GAL)  
TIME= 1.15(SEC)



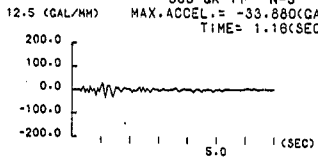
E.Q.NO.= 88018  
P.W.R.I. CHIBA  
INDEX NO. 221  
901-GR-31 N-S  
MAX.ACCEL.= -48.380(GAL)  
TIME= 0.60(SEC)



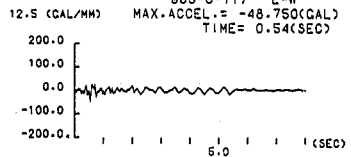
E.Q.NO.= 89012  
OCHIAI BRIDGE  
INDEX NO. 230  
905-C-117 N-S  
MAX.ACCEL.= -45.500(GAL)  
TIME= 0.65(SEC)



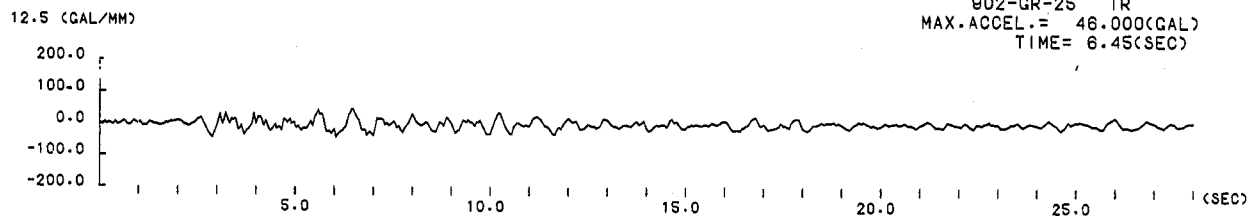
E.Q.NO.= 88090  
KANNONZAKI  
INDEX NO. 220  
503-GR-11 N-S  
MAX.ACCEL.= -33.880(GAL)  
TIME= 1.18(SEC)



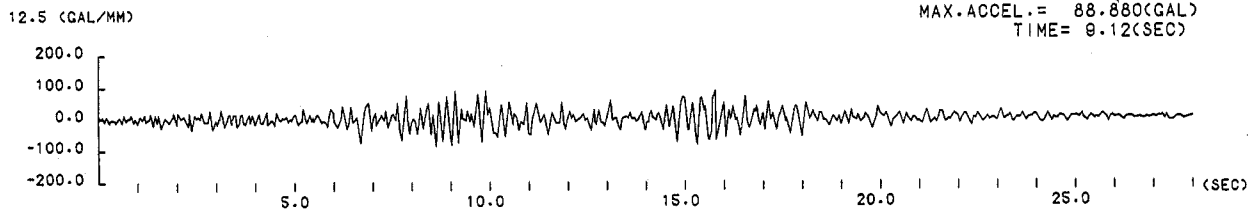
E.Q.NO.= 89012  
OCHIAI BRIDGE  
INDEX NO. 229  
905-C-117 E-W  
MAX.ACCEL.= -48.750(GAL)  
TIME= 0.54(SEC)



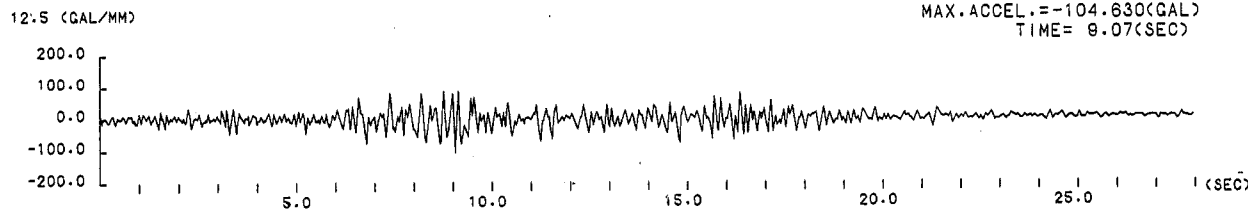
E.Q.NO.= 68057  
NISHIARAI BRIDGE  
INDEX NO. 228  
902-GR-25 TR  
MAX.ACCEL.= 46.000(GAL)  
TIME= 6.45(SEC)



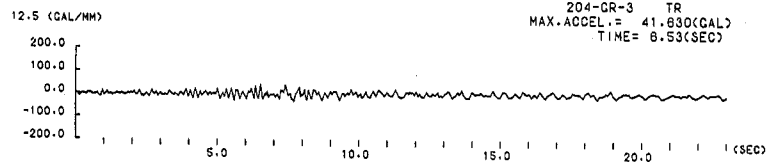
E.Q.NO.= 70004  
HOROMAN BRIDGE  
INDEX NO. 254  
1305-GR-11 TR  
MAX.ACCEL.= 88.880(GAL)  
TIME= 9.12(SEC)



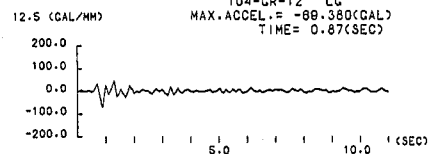
E.Q.NO.= 70004  
HOROMAN BRIDGE  
INDEX NO. 253  
1305-GR-11 LG  
MAX.ACCEL.= -104.630(GAL)  
TIME= 9.07(SEC)



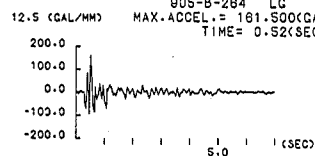
E.Q.NO.= 89032  
SHINYAWATA B.  
INDEX NO. 235  
204-GR-3 TR  
MAX.ACCEL.= 41.830(GAL)  
TIME= 6.53(SEC)



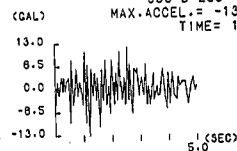
E.Q.NO.= 89013  
SHINTONEGAWA B.  
INDEX NO. 234  
104-GR-12 LC  
MAX.ACCEL.= -88.380(GAL)  
TIME= 0.87(SEC)



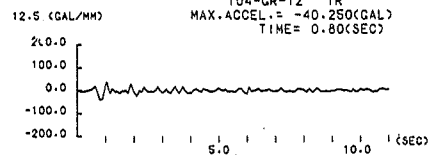
E.Q.NO.= 89012  
OCHIAI BRIDGE  
INDEX NO. 231  
905-B-284 LC  
MAX.ACCEL.= 181.500(GAL)  
TIME= 0.52(SEC)



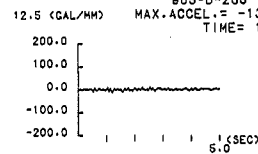
E.Q.NO.= 89047  
OCHIAI BRIDGE  
INDEX NO. 238  
905-B-285 TR  
MAX.ACCEL.= -13.000(GAL)  
TIME= 1.21(SEC)



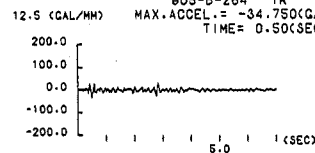
E.Q.NO.= 89013  
SHINTONEGAWA B.  
INDEX NO. 233  
104-GR-12 TR  
MAX.ACCEL.= -40.250(GAL)  
TIME= 0.80(SEC)



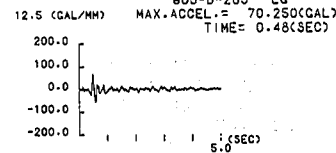
E.Q.NO.= 89047  
OCHIAI BRIDGE  
INDEX NO. 238  
905-B-285 TR  
MAX.ACCEL.= -13.000(GAL)  
TIME= 1.21(SEC)

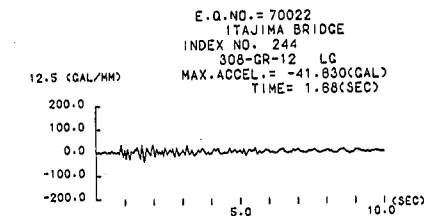
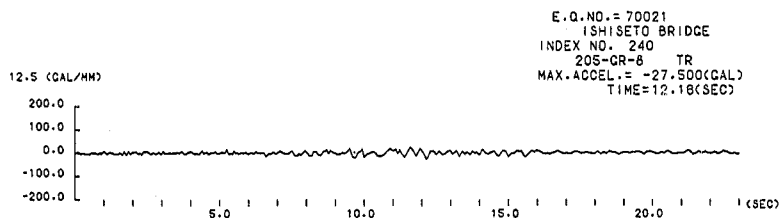
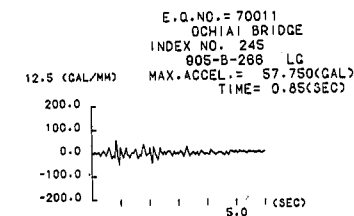
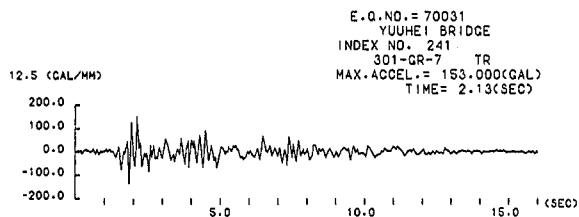
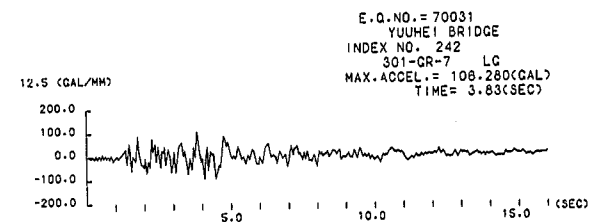
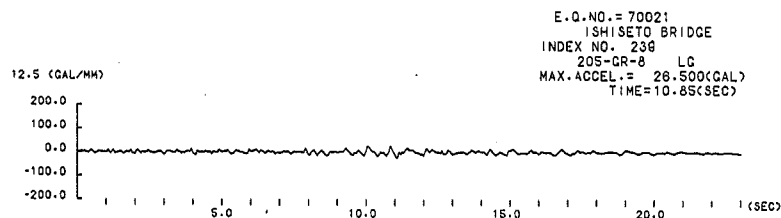
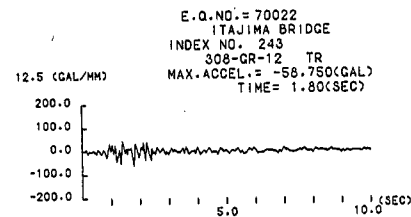
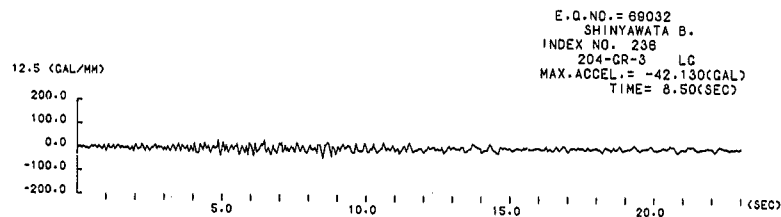


E.Q.NO.= 89012  
OCHIAI BRIDGE  
INDEX NO. 232  
905-B-284 TR  
MAX.ACCEL.= -34.750(GAL)  
TIME= 0.50(SEC)



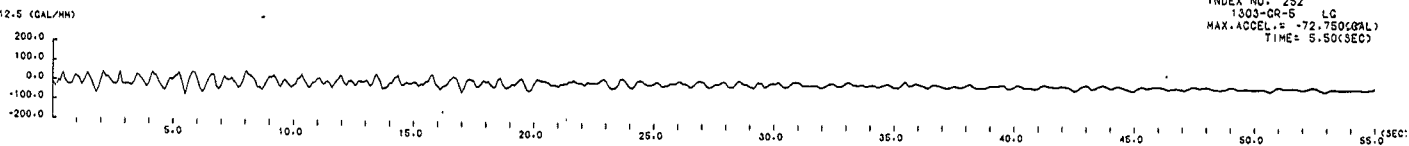
E.Q.NO.= 89047  
OCHIAI BRIDGE  
INDEX NO. 237  
905-B-285 LC  
MAX.ACCEL.= 70.250(GAL)  
TIME= 0.48(SEC)





12.5 (GAL/MM)

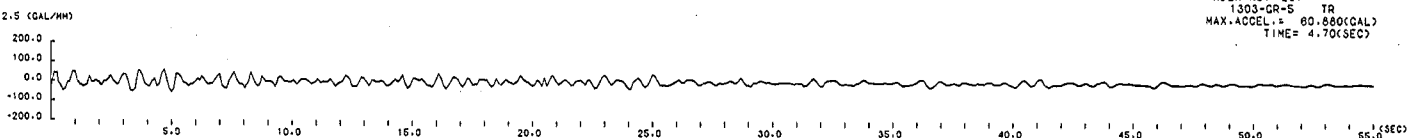
200.0  
100.0  
0.0  
-100.0  
-200.0



E.Q.NO.= 70004  
SHINISHIKARI B.  
INDEX NO. 252  
1303-GR-S LG  
MAX.ACCEL.= -72.750(GAL)  
TIME= 5.50(SEC)

12.5 (GAL/MM)

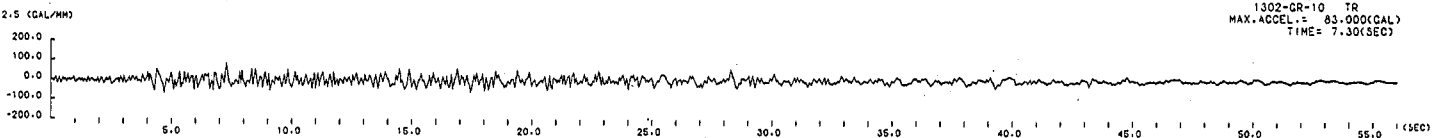
200.0  
100.0  
0.0  
-100.0  
-200.0



E.Q.NO.= 70004  
SHINISHIKARI B.  
INDEX NO. 251  
1303-GR-S TR  
MAX.ACCEL.= 80.880(GAL)  
TIME= 4.70(SEC)

12.5 (GAL/MM)

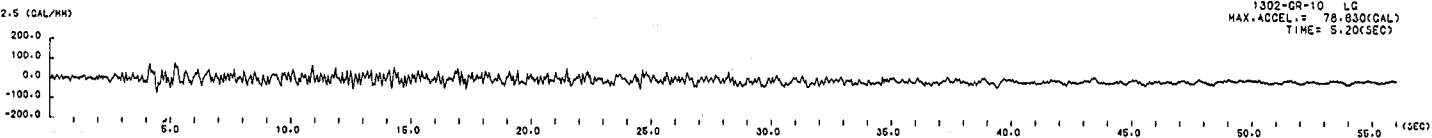
200.0  
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-100.0  
-200.0



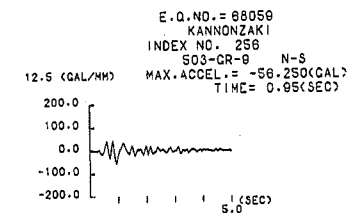
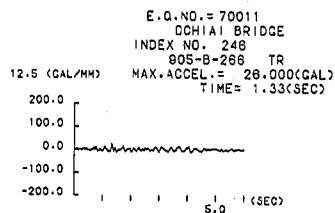
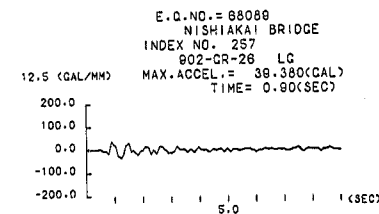
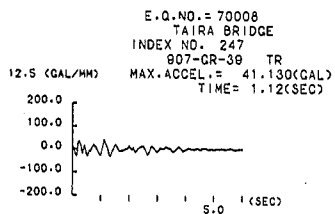
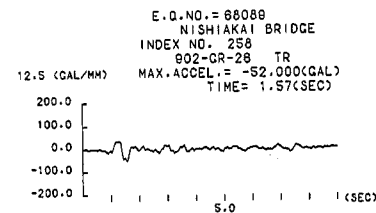
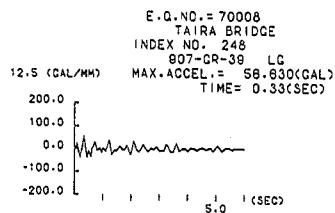
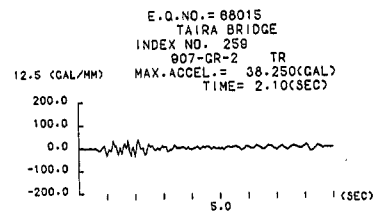
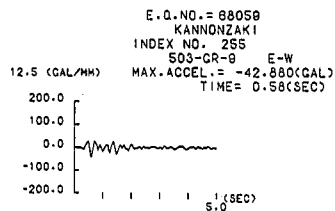
E.Q.NO.= 70004  
CHIYODA BRIDGE  
INDEX NO. 250  
1302-GR-10 TR  
MAX.ACCEL.= 83.000(GAL)  
TIME= 7.30(SEC)

12.5 (GAL/MM)

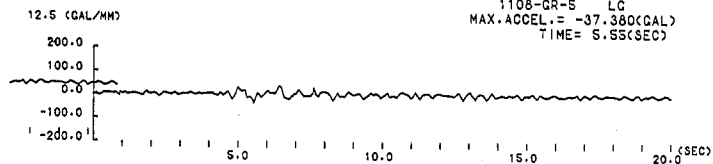
200.0  
100.0  
0.0  
-100.0  
-200.0



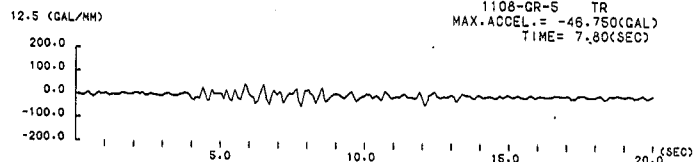
E.Q.NO.= 70004  
CHIYODA BRIDGE  
INDEX NO. 249  
1302-GR-10 LG  
MAX.ACCEL.= 78.830(GAL)  
TIME= 5.20(SEC)



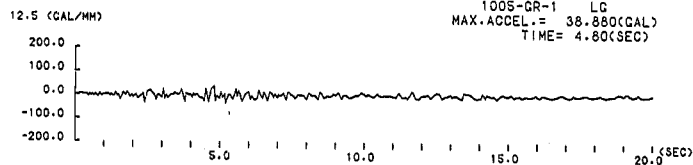
E.Q.NO.= 88057  
 ICHINOHASHI B.  
 INDEX NO. 288  
 1108-GR-5 LG  
 MAX.ACCEL.= -37.380(GAL)  
 TIME= 5.55(SEC)



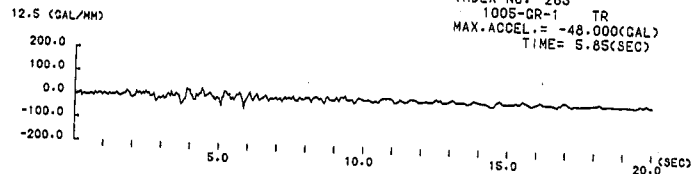
E.Q.NO.= 88057  
 ICHINOHASHI B.  
 INDEX NO. 285  
 1108-GR-5 TR  
 MAX.ACCEL.= -46.750(GAL)  
 TIME= 7.80(SEC)



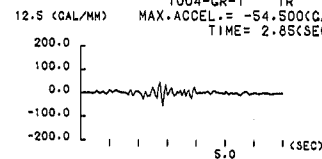
E.Q.NO.= 88057  
 UBAKUBO BRIDGE  
 INDEX NO. 284  
 1005-GR-1 LG  
 MAX.ACCEL.= 38.880(GAL)  
 TIME= 4.80(SEC)



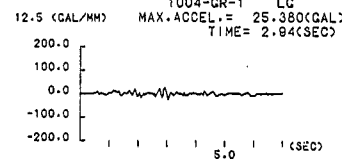
E.Q.NO.= 88057  
 UBAKUBO BRIDGE  
 INDEX NO. 283  
 1005-GR-1 TR  
 MAX.ACCEL.= -48.000(GAL)  
 TIME= 5.85(SEC)



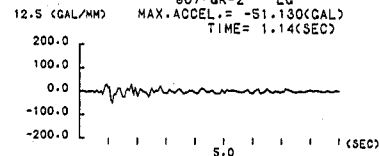
E.Q.NO.= 88057  
 SAKAIGAWA BRIDGE  
 INDEX NO. 282  
 1004-GR-1 TR  
 MAX.ACCEL.= -54.500(GAL)  
 TIME= 2.85(SEC)



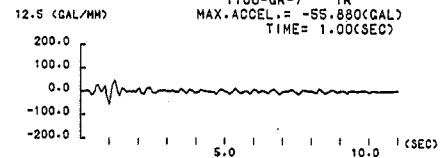
E.Q.NO.= 88057  
 SAKAIGAWA BRIDGE  
 INDEX NO. 281  
 1004-GR-1 LG  
 MAX.ACCEL.= 25.380(GAL)  
 TIME= 2.94(SEC)

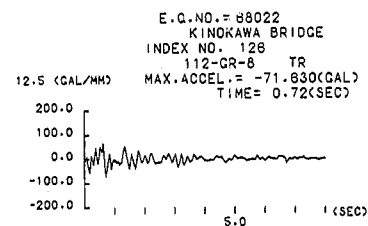
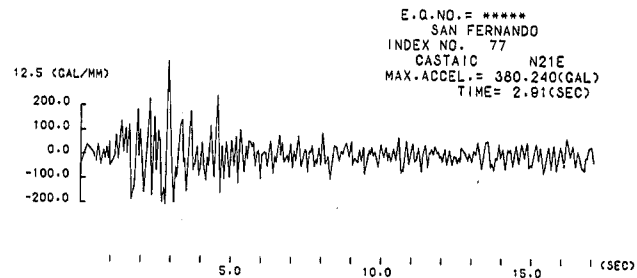
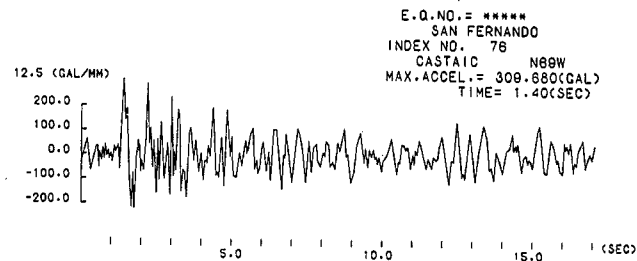
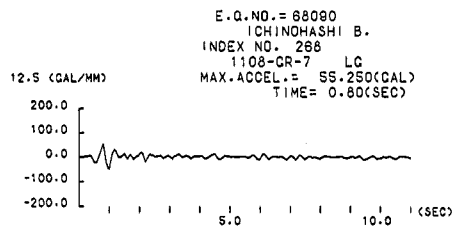
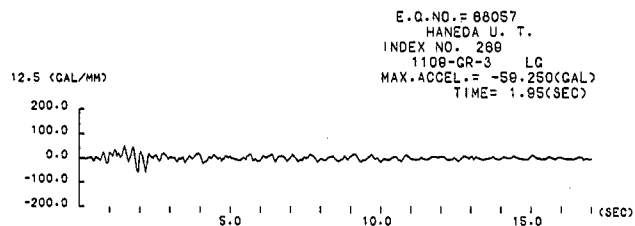
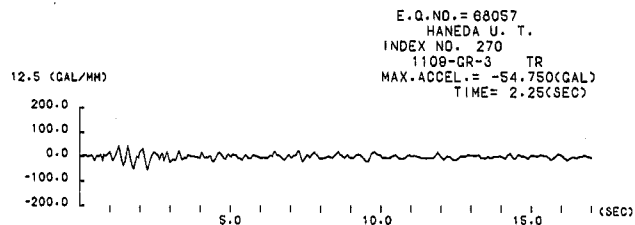


E.Q.NO.= 88015  
 TAIRA BRIDGE  
 INDEX NO. 280  
 907-GR-2 LG  
 MAX.ACCEL.= -51.130(GAL)  
 TIME= 1.14(SEC)



E.Q.NO.= 88090  
 ICHINOHASHI B.  
 INDEX NO. 287  
 1108-GR-7 TR  
 MAX.ACCEL.= -55.880(GAL)  
 TIME= 1.00(SEC)





地震記録のデジタル数値  
(その4)の改訂版

土木研究所資料第877号

昭和48年12(1973)

キーワード

デジタル数値, 再生波形

栗林栄一

要 旨

本報告は、先に公開した「地震記録のデジタル数値(その1), (その2), (その3)」の3資料の改訂版として発刊したものであり、入力は全てカードで行ない電子計算機の出力及び自動図化機による再生記録とを合わせて掲載したものである。

