



**BARGE "EMS 3031"**  
**Enterprise Marine Services LLC**

**INLAND MARINE**

HULL NO. 477

| CORRECTION TABLE FOR TRIM AFT. |                              |                              |                              |
|--------------------------------|------------------------------|------------------------------|------------------------------|
| FOR OUTAGE GAUGES ONLY         |                              |                              |                              |
| TRIM                           | TANKS NO. 1<br>PORT OR STAR. | TANKS NO. 2<br>PORT OR STAR. | TANKS NO. 3<br>PORT OR STAR. |
| 0'-6"                          | NIL                          | (+) 0'- 0 1/8"               | (+) 0'- 0 1/4"               |
| 1'-0"                          | (+) 0'- 0 1/8"               | (+) 0'- 0 1/4"               | (+) 0'- 0 1/2"               |
| 1'-6"                          | (+) 0'- 0 1/8"               | (+) 0'- 0 3/8"               | (+) 0'- 0 3/4"               |
| 2'-0"                          | (+) 0'- 0 1/4"               | (+) 0'- 0 1/2"               | (+) 0' - 1"                  |
| 2'-6"                          | (+) 0'- 0 1/4"               | (+) 0' - 0 5/8"              | (+) 0' - 1 1/4"              |
| 3'-0"                          | (+) 0'- 0 1/4"               | (+) 0' - 0 3/4"              | (+) 0' - 1 1/2"              |
| 3'-6"                          | (+) 0'- 0 3/8"               | (+) 0' - 0 7/8"              | (+) 0' - 1 3/4"              |
| 4'-0"                          | (+) 0'- 0 3/8"               | (+) 0' - 1"                  | (+) 0' - 2"                  |
| 4'-6"                          | (+) 0'- 0 3/8"               | (+) 0' - 1 1/8"              | (+) 0' - 2 1/4"              |
| 5'-0"                          | (+) 0'- 0 1/2"               | (+) 0' - 1 1/4"              | (+) 0' - 2 1/2"              |

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED,  
 TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "INNAGE" GAUGES, REVERSE SIGNS.

DATE: 12/15/04 BY:   
 INSPECTORATE AMERICA CORPORATION

BARGE "EMS 3031"  
Enterprise Marine Services LLC

INLAND MARINE  
OUTAGE TABLE

1 PORT

HULL NO. 477

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

| 0 FT.   | 1 FT.   | 2 FT.   | 3 FT.     | 4 FT.   | 5 FT.   | 6 FT.   | 7 FT.   | 8 FT.   | 9 FT.   | 10 FT.  | 11 FT.  | 12 FT.  | 13 FT.  | 14 FT.  |
|---------|---------|---------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 186,043 | 185,542 | 185,041 | 184,540   | 184,039 | 183,538 | 183,037 | 182,536 | 182,035 | 181,534 | 181,033 | 180,532 | 180,031 | 179,530 | 179,029 |
| 185,742 | 185,241 | 184,740 | 184,239   | 183,738 | 183,237 | 182,736 | 182,235 | 181,734 | 181,233 | 180,732 | 180,231 | 179,730 | 179,229 | 178,728 |
| 185,441 | 184,940 | 184,439 | 183,938   | 183,437 | 182,936 | 182,435 | 181,934 | 181,433 | 180,932 | 180,431 | 179,930 | 179,429 | 178,928 | 178,427 |
| 185,140 | 184,639 | 184,138 | 183,637   | 183,136 | 182,635 | 182,134 | 181,633 | 181,132 | 180,631 | 180,130 | 179,629 | 179,128 | 178,627 | 178,126 |
| 184,839 | 184,338 | 183,837 | 183,336   | 182,835 | 182,334 | 181,833 | 181,332 | 180,831 | 180,330 | 179,829 | 179,328 | 178,827 | 178,326 | 177,825 |
| 184,538 | 184,037 | 183,536 | 183,035   | 182,534 | 182,033 | 181,532 | 181,031 | 180,530 | 180,029 | 179,528 | 179,027 | 178,526 | 178,025 | 177,524 |
| 184,237 | 183,736 | 183,235 | 182,734   | 182,233 | 181,732 | 181,231 | 180,730 | 180,229 | 179,728 | 179,227 | 178,726 | 178,225 | 177,724 | 177,223 |
| 183,936 | 183,435 | 182,934 | 182,433   | 181,932 | 181,431 | 180,930 | 180,429 | 179,928 | 179,427 | 178,926 | 178,425 | 177,924 | 177,423 | 176,922 |
| 183,635 | 183,134 | 182,633 | 182,132   | 181,631 | 181,130 | 180,629 | 180,128 | 179,627 | 179,126 | 178,625 | 178,124 | 177,623 | 177,122 | 176,621 |
| 183,334 | 182,833 | 182,332 | 181,831   | 181,330 | 180,829 | 180,328 | 179,827 | 179,326 | 178,825 | 178,324 | 177,823 | 177,322 | 176,821 | 176,320 |
| 183,033 | 182,532 | 182,031 | 181,530   | 181,029 | 180,528 | 180,027 | 179,526 | 179,025 | 178,524 | 178,023 | 177,522 | 177,021 | 176,520 | 176,019 |
| 182,732 | 182,231 | 181,730 | 181,229   | 180,728 | 180,227 | 179,726 | 179,225 | 178,724 | 178,223 | 177,722 | 177,221 | 176,720 | 176,219 | 175,718 |
| 182,431 | 181,930 | 181,429 | 180,928   | 180,427 | 179,926 | 179,425 | 178,924 | 178,423 | 177,922 | 177,421 | 176,920 | 176,419 | 175,918 | 175,417 |
| 182,130 | 181,629 | 181,128 | 180,627   | 180,126 | 179,625 | 179,124 | 178,623 | 178,122 | 177,621 | 177,120 | 176,619 | 176,118 | 175,617 | 175,116 |
| 181,829 | 181,328 | 180,827 | 180,326   | 179,825 | 179,324 | 178,823 | 178,322 | 177,821 | 177,320 | 176,819 | 176,318 | 175,817 | 175,316 | 174,815 |
| 181,528 | 181,027 | 180,526 | 180,025   | 179,524 | 179,023 | 178,522 | 178,021 | 177,520 | 177,019 | 176,518 | 176,017 | 175,516 | 175,015 | 174,514 |
| 181,227 | 180,726 | 180,225 | 179,724   | 179,223 | 178,722 | 178,221 | 177,720 | 177,219 | 176,718 | 176,217 | 175,716 | 175,215 | 174,714 | 174,213 |
| 180,926 | 180,425 | 179,924 | 179,423   | 178,922 | 178,421 | 177,920 | 177,419 | 176,918 | 176,417 | 175,916 | 175,415 | 174,914 | 174,413 | 173,912 |
| 180,625 | 180,124 | 179,623 | 179,122   | 178,621 | 178,120 | 177,619 | 177,118 | 176,617 | 176,116 | 175,615 | 175,114 | 174,613 | 174,112 | 173,611 |
| 180,324 | 179,823 | 179,322 | 178,821   | 178,320 | 177,819 | 177,318 | 176,817 | 176,316 | 175,815 | 175,314 | 174,813 | 174,312 | 173,811 | 173,310 |
| 180,023 | 179,522 | 179,021 | 178,520   | 178,019 | 177,518 | 177,017 | 176,516 | 176,015 | 175,514 | 175,013 | 174,512 | 174,011 | 173,510 | 173,009 |
| 179,722 | 179,221 | 178,720 | 178,219   | 177,718 | 177,217 | 176,716 | 176,215 | 175,714 | 175,213 | 174,712 | 174,211 | 173,710 | 173,209 | 172,708 |
| 179,421 | 178,920 | 178,419 | 177,918   | 177,417 | 176,916 | 176,415 | 175,914 | 175,413 | 174,912 | 174,411 | 173,910 | 173,409 | 172,908 | 172,407 |
| 179,120 | 178,619 | 178,118 | 177,617   | 177,116 | 176,615 | 176,114 | 175,613 | 175,112 | 174,611 | 174,110 | 173,609 | 173,108 | 172,607 | 172,106 |
| 178,819 | 178,318 | 177,817 | 177,316   | 176,815 | 176,314 | 175,813 | 175,312 | 174,811 | 174,310 | 173,809 | 173,308 | 172,807 | 172,306 | 171,805 |
| 178,518 | 178,017 | 177,516 | 177,015   | 176,514 | 176,013 | 175,512 | 175,011 | 174,510 | 174,009 | 173,508 | 173,007 | 172,506 | 172,005 | 171,504 |
| 178,217 | 177,716 | 177,215 | 176,714   | 176,213 | 175,712 | 175,211 | 174,710 | 174,209 | 173,708 | 173,207 | 172,706 | 172,205 | 171,704 | 171,203 |
| 177,916 | 177,415 | 176,914 | 176,413   | 175,912 | 175,411 | 174,910 | 174,409 | 173,908 | 173,407 | 172,906 | 172,405 | 171,904 | 171,403 | 170,902 |
| 177,615 | 177,114 | 176,613 | 176,112   | 175,611 | 175,110 | 174,609 | 174,108 | 173,607 | 173,106 | 172,605 | 172,104 | 171,603 | 171,102 | 170,601 |
| 177,314 | 176,813 | 176,312 | 175,811   | 175,310 | 174,809 | 174,308 | 173,807 | 173,306 | 172,805 | 172,304 | 171,803 | 171,302 | 170,801 | 170,300 |
| 177,013 | 176,512 | 176,011 | 175,510   | 175,009 | 174,508 | 174,007 | 173,506 | 173,005 | 172,504 | 172,003 | 171,502 | 171,001 | 170,500 | 170,000 |
| 176,712 | 176,211 | 175,710 | 175,209   | 174,708 | 174,207 | 173,706 | 173,205 | 172,704 | 172,203 | 171,702 | 171,201 | 170,700 | 170,200 | 169,700 |
| 176,411 | 175,910 | 175,409 | 174,908   | 174,407 | 173,906 | 173,405 | 172,904 | 172,403 | 171,902 | 171,401 | 170,900 | 170,400 | 169,900 | 169,400 |
| 176,110 | 175,609 | 175,108 | 174,607   | 174,106 | 173,605 | 173,104 | 172,603 | 172,102 | 171,601 | 171,100 | 170,600 | 170,100 | 169,600 | 169,100 |
| 175,809 | 175,308 | 174,807 | 174,306   | 173,805 | 173,304 | 172,803 | 172,302 | 171,801 | 171,300 | 170,800 | 170,300 | 169,800 | 169,300 | 168,800 |
| 175,508 | 175,007 | 174,506 | 174,005   | 173,504 | 173,003 | 172,502 | 172,001 | 171,500 | 171,000 | 170,500 | 170,000 | 169,500 | 169,000 | 168,500 |
| 175,207 | 174,706 | 174,205 | 173,704   | 173,203 | 172,702 | 172,201 | 171,700 | 171,200 | 170,700 | 170,200 | 169,700 | 169,200 | 168,700 | 168,200 |
| 174,906 | 174,405 | 173,904 | 173,403   | 172,902 | 172,401 | 171,900 | 171,400 | 170,900 | 170,400 | 169,900 | 169,400 | 168,900 | 168,400 | 167,900 |
| 174,605 | 174,104 | 173,603 | 173,102   | 172,601 | 172,100 | 171,600 | 171,100 | 170,600 | 170,100 | 169,600 | 169,100 | 168,600 | 168,100 | 167,600 |
| 174,304 | 173,803 | 173,302 | 172,801   | 172,300 | 171,800 | 171,300 | 170,800 | 170,300 | 169,800 | 169,300 | 168,800 | 168,300 | 167,800 | 167,300 |
| 174,003 | 173,502 | 173,001 | 172,500   | 172,000 | 171,500 | 171,000 | 170,500 | 170,000 | 169,500 | 169,000 | 168,500 | 168,000 | 167,500 | 167,000 |
| 173,702 | 173,201 | 172,700 | 172,200   | 171,700 | 171,200 | 170,700 | 170,200 | 169,700 | 169,200 | 168,700 | 168,200 | 167,700 | 167,200 | 166,700 |
| 173,401 | 172,900 | 172,400 | 171,900   | 171,400 | 170,900 | 170,400 | 169,900 | 169,400 | 168,900 | 168,400 | 167,900 | 167,400 | 166,900 | 166,400 |
| 173,100 | 172,600 | 172,100 | 171,600   | 171,100 | 170,600 | 170,100 | 169,600 | 169,100 | 168,600 | 168,100 | 167,600 | 167,100 | 166,600 | 166,100 |
| 172,800 | 172,300 | 171,800 | 171,300   | 170,800 | 170,300 | 169,800 | 169,300 | 168,800 | 168,300 | 167,800 | 167,300 | 166,800 | 166,300 | 165,800 |
| 172,500 | 172,000 | 171,500 | 171,000   | 170,500 | 170,000 | 169,500 | 169,000 | 168,500 | 168,000 | 167,500 | 167,000 | 166,500 | 166,000 | 165,500 |
| 172,200 | 171,700 | 171,200 | 170,700   | 170,200 | 169,700 | 169,200 | 168,700 | 168,200 | 167,700 | 167,200 | 166,700 | 166,200 | 165,700 | 165,200 |
| 171,900 | 171,400 | 170,900 | 170,400   | 169,900 | 169,400 | 168,900 | 168,400 | 167,900 | 167,400 | 166,900 | 166,400 | 165,900 | 165,400 | 164,900 |
| 171,600 | 171,100 | 170,600 | 170,100   | 169,600 | 169,100 | 168,600 | 168,100 | 167,600 | 167,100 | 166,600 | 166,100 | 165,600 | 165,100 | 164,600 |
| 171,300 | 170,800 | 170,300 | 169,800   | 169,300 | 168,800 | 168,300 | 167,800 | 167,300 | 166,800 | 166,300 | 165,800 | 165,300 | 164,800 | 164,300 |
| 171,000 | 170,500 | 170,000 | 169,500   | 169,000 | 168,500 | 168,000 | 167,500 | 167,000 | 166,500 | 166,000 | 165,500 | 165,000 | 164,500 | 164,000 |
| 170,700 | 170,200 | 169,700 | 169,200   | 168,700 | 168,200 | 167,700 | 167,200 | 166,700 | 166,200 | 165,700 | 165,200 | 164,700 | 164,200 | 163,700 |
| 170,400 | 169,900 | 169,400 | 168,900   | 168,400 | 167,900 | 167,400 | 166,900 | 166,400 | 165,900 | 165,400 | 164,900 | 164,400 | 163,900 | 163,400 |
| 170,100 | 169,600 | 169,100 | 168,600   | 168,100 | 167,600 | 167,100 | 166,600 | 166,100 | 165,600 | 165,100 | 164,600 | 164,100 | 163,600 | 163,100 |
| 169,800 | 169,300 | 168,800 | 168,300   | 167,800 | 167,300 | 166,800 | 166,300 | 165,800 | 165,300 | 164,800 | 164,300 | 163,800 | 163,300 | 162,800 |
| 169,500 | 169,000 | 168,500 | 168,000   | 167,500 | 167,000 | 166,500 | 166,000 | 165,500 | 165,000 | 164,500 | 164,000 | 163,500 | 163,000 | 162,500 |
| 169,200 | 168,700 | 168,200 | 167,700   | 167,200 | 166,700 | 166,200 | 165,700 | 165,200 | 164,700 | 164,200 | 163,700 | 163,200 | 162,700 | 162,200 |
| 168,900 | 168,400 | 167,900 | 167,400   | 166,900 | 166,400 | 165,900 | 165,400 | 164,900 | 164,400 | 163,900 | 163,400 | 162,900 | 162,400 | 161,900 |
| 168,600 | 168,100 | 167,600 | 167,100   | 166,600 | 166,100 | 165,600 | 165,100 | 164,600 | 164,100 | 163,600 | 163,100 | 162,600 | 162,100 | 161,600 |
| 168,300 | 167,800 | 167,300 | 166,800</ |         |         |         |         |         |         |         |         |         |         |         |





# BARGE "EMS 3031" Enterprise Marine Services LLC

## INLAND MARINE OUTAGE TABLE

### 2 PORT OR STAR

HULL NO. 477

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

| W | 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98  | 99 | 100 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|-----|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |    |     |

STRAPPED: 121/504

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

REFERENCE GAUGE HEIGHT: 14'-8" (RIM OF 10" DIAMETER HATCH LOCATED NEAR CENTER OF TANK)

\* CAPACITY BELOW STRIKE POINT.

CAPACITIES GIVEN IN U.S. GALLONS

# BARGE "EMS 3031" Enterprise Marine Services LLC

## INLAND MARINE OUTAGE TABLE

3 PORT

HULL NO. 477

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

| 0 FT.  | 1 FT.   | 2 FT.   | 3 FT.   | 4 FT.   | 5 FT.   | 6 FT.   | 7 FT.   | 8 FT.   | 9 FT.   | 10 FT.  | 11 FT.  | 12 FT.  | 13 FT. | 14 FT. |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 0      | 172,175 | 167,597 | 162,165 | 156,270 | 150,052 | 143,538 | 136,857 | 130,039 | 123,114 | 116,020 | 108,787 | 101,444 | 93,921 | 86,252 |
| 1/4    | 172,079 | 167,502 | 162,070 | 156,175 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 1/2    | 171,984 | 167,407 | 161,975 | 156,080 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 3/4    | 171,889 | 167,311 | 161,889 | 156,080 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 1      | 171,793 | 167,216 | 161,800 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 1 1/4  | 171,698 | 167,121 | 161,705 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 1 1/2  | 171,603 | 167,025 | 161,610 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 1 3/4  | 171,507 | 166,930 | 161,515 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 2      | 171,412 | 166,835 | 161,420 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 2 1/4  | 171,316 | 166,739 | 161,325 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 2 1/2  | 171,221 | 166,644 | 161,230 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 2 3/4  | 171,126 | 166,548 | 161,135 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 3      | 171,030 | 166,453 | 161,040 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 3 1/4  | 170,935 | 166,358 | 160,945 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 3 1/2  | 170,840 | 166,262 | 160,850 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 3 3/4  | 170,744 | 166,167 | 160,755 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 4      | 170,649 | 166,072 | 160,660 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 4 1/4  | 170,554 | 165,976 | 160,565 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 4 1/2  | 170,458 | 165,881 | 160,470 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 4 3/4  | 170,363 | 165,786 | 160,375 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 5      | 170,268 | 165,690 | 160,280 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 5 1/4  | 170,172 | 165,595 | 160,185 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 5 1/2  | 170,077 | 165,500 | 160,090 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 5 3/4  | 170,081 | 165,404 | 160,094 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 6      | 169,986 | 165,309 | 160,000 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 6 1/4  | 169,891 | 165,213 | 159,905 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 6 1/2  | 169,795 | 165,118 | 159,810 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 6 3/4  | 169,700 | 165,023 | 159,715 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 7      | 169,605 | 164,927 | 159,620 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 7 1/4  | 169,510 | 164,832 | 159,525 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 7 1/2  | 169,415 | 164,737 | 159,430 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 7 3/4  | 169,320 | 164,642 | 159,335 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 8      | 169,225 | 164,547 | 159,240 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 8 1/4  | 169,130 | 164,452 | 159,145 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 8 1/2  | 169,035 | 164,357 | 159,050 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 8 3/4  | 168,940 | 164,262 | 158,955 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 9      | 168,845 | 164,167 | 158,860 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 9 1/4  | 168,750 | 164,072 | 158,765 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 9 1/2  | 168,655 | 163,977 | 158,670 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 9 3/4  | 168,560 | 163,882 | 158,575 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 10     | 168,465 | 163,787 | 158,480 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 10 1/4 | 168,370 | 163,692 | 158,385 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 10 1/2 | 168,275 | 163,597 | 158,290 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 10 3/4 | 168,180 | 163,502 | 158,195 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 11     | 168,085 | 163,407 | 158,100 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 11 1/4 | 168,000 | 163,312 | 158,015 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 11 1/2 | 167,915 | 163,217 | 157,930 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 11 3/4 | 167,830 | 163,122 | 157,845 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 12     | 167,745 | 163,027 | 157,760 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 12 1/4 | 167,660 | 162,932 | 157,675 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 12 1/2 | 167,575 | 162,837 | 157,590 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 12 3/4 | 167,490 | 162,742 | 157,505 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 13     | 167,405 | 162,647 | 157,420 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 13 1/4 | 167,320 | 162,552 | 157,335 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 13 1/2 | 167,235 | 162,457 | 157,250 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 13 3/4 | 167,150 | 162,362 | 157,165 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 14     | 167,065 | 162,267 | 157,080 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 14 1/4 | 166,980 | 162,172 | 157,000 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 14 1/2 | 166,895 | 162,077 | 156,915 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 14 3/4 | 166,810 | 161,982 | 156,830 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 116,000 | 108,767 | 101,424 | 93,901 | 86,232 |
| 15     | 166,725 | 161,887 | 156,745 | 156,000 | 150,000 | 143,516 | 136,835 | 130,017 | 123,092 | 11      |         |         |        |        |



# BARGE "EMS 3031" Enterprise Marine Services LLC

## INLAND MARINE OUTAGE TABLE

3 STAR

HULL NO. 477

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

| 0 FT. | 1 FT.   | 2 FT.   | 3 FT.   | 4 FT.     | 5 FT.   | 6 FT.   | 7 FT.   | 8 FT.  | 9 FT.  | 10 FT. | 11 FT. | 12 FT. | 13 FT. | 14 FT. |
|-------|---------|---------|---------|-----------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 0     | 173,406 | 166,090 | 162,165 | 154,270   | 140,062 | 125,703 | 111,345 | 90,987 | 65,629 | 40,270 | 15,911 | 0      | 25,310 | 0      |
| 1     | 173,295 | 167,979 | 164,016 | 154,016   | 139,464 | 125,405 | 111,046 | 90,687 | 65,330 | 40,071 | 15,712 | 0      | 25,111 | 0      |
| 2     | 173,185 | 167,869 | 163,867 | 153,762   | 139,164 | 125,104 | 110,747 | 90,388 | 65,031 | 39,872 | 15,513 | 0      | 24,912 | 0      |
| 3     | 173,074 | 167,758 | 163,718 | 153,460   | 138,864 | 124,806 | 110,448 | 90,089 | 64,732 | 39,673 | 15,314 | 0      | 24,713 | 0      |
| 4     | 172,963 | 167,647 | 163,567 | 153,156   | 138,564 | 124,506 | 110,148 | 90,000 | 64,433 | 39,474 | 15,115 | 0      | 24,514 | 0      |
| 5     | 172,852 | 167,536 | 163,416 | 152,852   | 138,264 | 124,206 | 109,848 | 89,701 | 64,134 | 39,275 | 14,916 | 0      | 24,315 | 0      |
| 6     | 172,742 | 167,425 | 163,265 | 152,548   | 137,964 | 123,906 | 109,549 | 89,402 | 63,835 | 39,076 | 14,717 | 0      | 24,116 | 0      |
| 7     | 172,631 | 167,314 | 163,114 | 152,244   | 137,664 | 123,606 | 109,250 | 89,103 | 63,536 | 38,877 | 14,518 | 0      | 23,917 | 0      |
| 8     | 172,520 | 167,203 | 162,963 | 151,940   | 137,364 | 123,306 | 108,951 | 88,804 | 63,237 | 38,678 | 14,319 | 0      | 23,718 | 0      |
| 9     | 172,409 | 167,092 | 162,812 | 151,636   | 137,064 | 123,006 | 108,652 | 88,505 | 62,938 | 38,479 | 14,120 | 0      | 23,519 | 0      |
| 10    | 172,298 | 166,981 | 162,661 | 151,332   | 136,764 | 122,706 | 108,353 | 88,206 | 62,639 | 38,280 | 13,921 | 0      | 23,320 | 0      |
| 11    | 172,187 | 166,870 | 162,510 | 151,028   | 136,464 | 122,406 | 108,054 | 87,907 | 62,340 | 38,081 | 13,722 | 0      | 23,121 | 0      |
| 12    | 172,076 | 166,759 | 162,359 | 150,724   | 136,164 | 122,106 | 107,756 | 87,608 | 62,041 | 37,882 | 13,523 | 0      | 22,922 | 0      |
| 13    | 171,965 | 166,648 | 162,208 | 150,420   | 135,864 | 121,806 | 107,457 | 87,309 | 61,742 | 37,683 | 13,324 | 0      | 22,723 | 0      |
| 14    | 171,854 | 166,537 | 162,057 | 150,116   | 135,564 | 121,506 | 107,158 | 87,010 | 61,443 | 37,484 | 13,125 | 0      | 22,524 | 0      |
| 15    | 171,743 | 166,426 | 161,906 | 149,812   | 135,264 | 121,206 | 106,859 | 86,711 | 61,144 | 37,285 | 12,926 | 0      | 22,325 | 0      |
| 16    | 171,632 | 166,315 | 161,755 | 149,508   | 134,964 | 120,906 | 106,560 | 86,412 | 60,845 | 37,086 | 12,727 | 0      | 22,126 | 0      |
| 17    | 171,521 | 166,204 | 161,604 | 149,204   | 134,664 | 120,606 | 106,261 | 86,113 | 60,546 | 36,887 | 12,528 | 0      | 21,927 | 0      |
| 18    | 171,410 | 166,093 | 161,453 | 148,900   | 134,364 | 120,306 | 105,962 | 85,814 | 60,247 | 36,688 | 12,329 | 0      | 21,728 | 0      |
| 19    | 171,299 | 165,982 | 161,302 | 148,596   | 134,064 | 120,006 | 105,663 | 85,515 | 59,948 | 36,489 | 12,130 | 0      | 21,529 | 0      |
| 20    | 171,188 | 165,871 | 161,151 | 148,292   | 133,764 | 119,706 | 105,364 | 85,216 | 59,649 | 36,290 | 11,931 | 0      | 21,330 | 0      |
| 21    | 171,077 | 165,760 | 161,000 | 147,988   | 133,464 | 119,406 | 105,065 | 84,917 | 59,350 | 36,091 | 11,732 | 0      | 21,131 | 0      |
| 22    | 170,966 | 165,649 | 160,849 | 147,684   | 133,164 | 119,106 | 104,766 | 84,618 | 59,051 | 35,892 | 11,533 | 0      | 20,932 | 0      |
| 23    | 170,855 | 165,538 | 160,698 | 147,380   | 132,864 | 118,806 | 104,467 | 84,319 | 58,752 | 35,693 | 11,334 | 0      | 20,733 | 0      |
| 24    | 170,744 | 165,427 | 160,547 | 147,076   | 132,564 | 118,506 | 104,168 | 84,020 | 58,453 | 35,494 | 11,135 | 0      | 20,534 | 0      |
| 25    | 170,633 | 165,316 | 160,396 | 146,772   | 132,264 | 118,206 | 103,869 | 83,721 | 58,154 | 35,295 | 10,936 | 0      | 20,335 | 0      |
| 26    | 170,522 | 165,205 | 160,245 | 146,468   | 131,964 | 117,906 | 103,570 | 83,422 | 57,855 | 35,096 | 10,737 | 0      | 20,136 | 0      |
| 27    | 170,411 | 165,094 | 160,094 | 146,164   | 131,664 | 117,606 | 103,271 | 83,123 | 57,556 | 34,897 | 10,538 | 0      | 19,937 | 0      |
| 28    | 170,300 | 164,983 | 159,943 | 145,860   | 131,364 | 117,306 | 102,972 | 82,824 | 57,257 | 34,698 | 10,339 | 0      | 19,738 | 0      |
| 29    | 170,189 | 164,872 | 159,792 | 145,556   | 131,064 | 117,006 | 102,673 | 82,525 | 56,958 | 34,499 | 10,140 | 0      | 19,539 | 0      |
| 30    | 170,078 | 164,761 | 159,641 | 145,252   | 130,764 | 116,706 | 102,374 | 82,226 | 56,659 | 34,300 | 9,941  | 0      | 19,340 | 0      |
| 31    | 170,000 | 164,650 | 159,490 | 144,948   | 130,464 | 116,406 | 102,075 | 81,927 | 56,360 | 34,101 | 9,742  | 0      | 19,141 | 0      |
| 32    | 170,000 | 164,539 | 159,339 | 144,644   | 130,164 | 116,106 | 101,776 | 81,628 | 56,061 | 33,902 | 9,543  | 0      | 18,942 | 0      |
| 33    | 170,000 | 164,428 | 159,188 | 144,340   | 129,864 | 115,806 | 101,477 | 81,329 | 55,762 | 33,703 | 9,344  | 0      | 18,743 | 0      |
| 34    | 170,000 | 164,317 | 159,037 | 144,036   | 129,564 | 115,506 | 101,178 | 81,030 | 55,463 | 33,504 | 9,145  | 0      | 18,544 | 0      |
| 35    | 170,000 | 164,206 | 158,886 | 143,732   | 129,264 | 115,206 | 100,879 | 80,731 | 55,164 | 33,305 | 8,946  | 0      | 18,345 | 0      |
| 36    | 170,000 | 164,095 | 158,735 | 143,428   | 128,964 | 114,906 | 100,580 | 80,432 | 54,865 | 33,106 | 8,747  | 0      | 18,146 | 0      |
| 37    | 170,000 | 163,984 | 158,584 | 143,124   | 128,664 | 114,606 | 100,281 | 80,133 | 54,566 | 32,907 | 8,548  | 0      | 17,947 | 0      |
| 38    | 170,000 | 163,873 | 158,433 | 142,820   | 128,364 | 114,306 | 99,982  | 79,834 | 54,267 | 32,708 | 8,349  | 0      | 17,748 | 0      |
| 39    | 170,000 | 163,762 | 158,282 | 142,516   | 128,064 | 114,006 | 99,683  | 79,535 | 53,968 | 32,509 | 8,150  | 0      | 17,549 | 0      |
| 40    | 170,000 | 163,651 | 158,131 | 142,212   | 127,764 | 113,706 | 99,384  | 79,236 | 53,669 | 32,310 | 7,951  | 0      | 17,350 | 0      |
| 41    | 170,000 | 163,540 | 157,980 | 141,908   | 127,464 | 113,406 | 99,085  | 78,937 | 53,370 | 32,111 | 7,752  | 0      | 17,151 | 0      |
| 42    | 170,000 | 163,429 | 157,829 | 141,604   | 127,164 | 113,106 | 98,786  | 78,638 | 53,071 | 31,912 | 7,553  | 0      | 16,952 | 0      |
| 43    | 170,000 | 163,318 | 157,678 | 141,300   | 126,864 | 112,806 | 98,487  | 78,339 | 52,772 | 31,713 | 7,354  | 0      | 16,753 | 0      |
| 44    | 170,000 | 163,207 | 157,527 | 141,000   | 126,564 | 112,506 | 98,188  | 78,040 | 52,473 | 31,514 | 7,155  | 0      | 16,554 | 0      |
| 45    | 170,000 | 163,096 | 157,376 | 140,696   | 126,264 | 112,206 | 97,889  | 77,741 | 52,174 | 31,315 | 6,956  | 0      | 16,355 | 0      |
| 46    | 170,000 | 162,985 | 157,225 | 140,392   | 125,964 | 111,906 | 97,590  | 77,442 | 51,875 | 31,116 | 6,757  | 0      | 16,156 | 0      |
| 47    | 170,000 | 162,874 | 157,074 | 140,088   | 125,664 | 111,606 | 97,291  | 77,143 | 51,576 | 30,917 | 6,558  | 0      | 15,957 | 0      |
| 48    | 170,000 | 162,763 | 156,923 | 139,784   | 125,364 | 111,306 | 96,992  | 76,844 | 51,277 | 30,718 | 6,359  | 0      | 15,758 | 0      |
| 49    | 170,000 | 162,652 | 156,772 | 139,480   | 125,064 | 111,006 | 96,693  | 76,545 | 50,978 | 30,519 | 6,160  | 0      | 15,559 | 0      |
| 50    | 170,000 | 162,541 | 156,621 | 139,176   | 124,764 | 110,706 | 96,394  | 76,246 | 50,679 | 30,320 | 5,961  | 0      | 15,360 | 0      |
| 51    | 170,000 | 162,430 | 156,470 | 138,872   | 124,464 | 110,406 | 96,095  | 75,947 | 50,380 | 30,121 | 5,762  | 0      | 15,161 | 0      |
| 52    | 170,000 | 162,319 | 156,319 | 138,568   | 124,164 | 110,106 | 95,796  | 75,648 | 50,081 | 29,922 | 5,563  | 0      | 14,962 | 0      |
| 53    | 170,000 | 162,208 | 156,168 | 138,264   | 123,864 | 109,806 | 95,497  | 75,349 | 49,782 | 29,723 | 5,364  | 0      | 14,763 | 0      |
| 54    | 170,000 | 162,097 | 156,017 | 137,960   | 123,564 | 109,506 | 95,198  | 75,050 | 49,483 | 29,524 | 5,165  | 0      | 14,564 | 0      |
| 55    | 170,000 | 161,986 | 155,866 | 137,656   | 123,264 | 109,206 | 94,899  | 74,751 | 49,184 | 29,325 | 4,966  | 0      | 14,365 | 0      |
| 56    | 170,000 | 161,875 | 155,715 | 137,352   | 122,964 | 108,906 | 94,600  | 74,452 | 48,885 | 29,126 | 4,767  | 0      | 14,166 | 0      |
| 57    | 170,000 | 161,764 | 155,564 | 137,048   | 122,664 | 108,606 | 94,301  | 74,153 | 48,586 | 28,927 | 4,568  | 0      | 13,967 | 0      |
| 58    | 170,000 | 161,653 | 155,413 | 136,744   | 122,364 | 108,306 | 93,902  | 73,854 | 48,287 | 28,728 | 4,369  | 0      | 13,768 | 0      |
| 59    | 170,000 | 161,542 | 155,262 | 136,440   | 122,064 | 108,006 | 93,603  | 73,555 | 47,988 | 28,529 | 4,170  | 0      | 13,569 | 0      |
| 60    | 170,000 | 161,431 | 155,111 | 136,136   | 121,764 | 107,706 | 93,304  | 73,256 | 47,689 | 28,330 | 3,971  | 0      | 13,370 | 0      |
| 61    | 170,000 | 161,320 | 154,960 | 135,832   | 121,464 | 107,406 | 92,905  | 72,957 | 47,390 | 28,131 | 3,772  | 0      | 13,171 | 0      |
| 62    | 170,000 | 161,209 | 154,809 | 135,528   | 121,164 | 107,106 | 92,606  | 72,658 | 47,091 | 27,932 | 3,573  | 0      | 12,972 | 0      |
| 63    | 170,000 | 161,098 | 154,658 | 135,224   | 120,864 | 106,806 | 92,307  | 72,359 | 46,792 | 27,733 | 3,374  | 0      | 12,773 | 0      |
| 64    | 170,000 | 160,987 | 154,507 | 134,920   | 120,564 | 106,506 | 91,908  | 72,060 | 46,493 | 27,534 | 3,175  | 0      | 12,574 | 0      |
| 65    | 170,000 | 160,876 | 154,356 | 134,616   | 120,264 | 106,206 | 91,609  | 71,761 | 46,194 | 27,335 | 2,976  | 0      | 12,375 | 0      |
| 66    | 170,000 | 160,765 | 154,205 | 134,312</ |         |         |         |        |        |        |        |        |        |        |



# BARGE "EMS 3031"

## Enterprise Marine Services LLC

### INLAND MARINE INNAE TABLE

# 2 PORT OR STAR

HULL NO. 477

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

| 0 FT. |        | 1 FT. |        | 2 FT. |        | 3 FT. |        | 4 FT. |        | 5 FT. |        | 6 FT. |         | 7 FT. |         | 8 FT. |         | 9 FT. |         | 10 FT. |         | 11 FT. |         | 12 FT. |         | 13 FT. |         | 14 FT. |         |       |         |       |
|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|-------|---------|-------|
| N     | W      | N     | W      | N     | W      | N     | W      | N     | W      | N     | W      | N     | W       | N     | W       | N     | W       | N     | W       | N      | W       | N      | W       | N      | W       | N      | W       | N      | W       |       |         |       |
| 0     | 733    | 0     | 45,603 | 0     | 31,002 | 0     | 46,284 | 0     | 61,582 | 0     | 77,091 | 0     | 92,479  | 0     | 107,877 | 0     | 123,276 | 0     | 138,674 | 0      | 154,072 | 0      | 169,471 | 0      | 184,869 | 0      | 200,267 | 0      | 215,665 | 0     | 231,063 | 0     |
| 1/4   | 1,643  | 1/4   | 15,924 | 1/4   | 31,308 | 1/4   | 46,692 | 1/4   | 62,076 | 1/4   | 77,460 | 1/4   | 92,844  | 1/4   | 108,228 | 1/4   | 123,612 | 1/4   | 138,996 | 1/4    | 154,380 | 1/4    | 169,764 | 1/4    | 185,148 | 1/4    | 200,532 | 1/4    | 215,916 | 1/4   | 231,300 | 1/4   |
| 1/2   | 3,187  | 1/2   | 16,245 | 1/2   | 31,614 | 1/2   | 46,983 | 1/2   | 62,352 | 1/2   | 77,721 | 1/2   | 93,090  | 1/2   | 108,459 | 1/2   | 123,828 | 1/2   | 139,197 | 1/2    | 154,566 | 1/2    | 169,935 | 1/2    | 185,304 | 1/2    | 200,673 | 1/2    | 216,042 | 1/2   | 231,411 | 1/2   |
| 3/4   | 4,731  | 3/4   | 16,566 | 3/4   | 31,927 | 3/4   | 47,296 | 3/4   | 62,665 | 3/4   | 78,034 | 3/4   | 93,403  | 3/4   | 108,772 | 3/4   | 124,141 | 3/4   | 139,510 | 3/4    | 154,879 | 3/4    | 170,248 | 3/4    | 185,617 | 3/4    | 200,986 | 3/4    | 216,355 | 3/4   | 231,724 | 3/4   |
| 1     | 6,279  | 1     | 16,886 | 1     | 32,227 | 1     | 47,587 | 1     | 62,946 | 1     | 78,305 | 1     | 93,664  | 1     | 109,023 | 1     | 124,382 | 1     | 139,741 | 1      | 155,100 | 1      | 170,459 | 1      | 185,818 | 1      | 201,177 | 1      | 216,536 | 1     | 231,895 | 1     |
| 1 1/4 | 7,827  | 1 1/4 | 17,259 | 1 1/4 | 32,839 | 1 1/4 | 48,208 | 1 1/4 | 63,577 | 1 1/4 | 78,946 | 1 1/4 | 94,315  | 1 1/4 | 109,684 | 1 1/4 | 125,053 | 1 1/4 | 140,422 | 1 1/4  | 155,791 | 1 1/4  | 171,160 | 1 1/4  | 186,529 | 1 1/4  | 201,898 | 1 1/4  | 217,267 | 1 1/4 | 232,636 | 1 1/4 |
| 1 1/2 | 9,375  | 1 1/2 | 17,529 | 1 1/2 | 32,939 | 1 1/2 | 48,308 | 1 1/2 | 63,677 | 1 1/2 | 79,046 | 1 1/2 | 94,415  | 1 1/2 | 109,784 | 1 1/2 | 125,153 | 1 1/2 | 140,522 | 1 1/2  | 155,891 | 1 1/2  | 171,260 | 1 1/2  | 186,629 | 1 1/2  | 201,998 | 1 1/2  | 217,367 | 1 1/2 | 232,736 | 1 1/2 |
| 1 3/4 | 10,921 | 1 3/4 | 17,849 | 1 3/4 | 33,146 | 1 3/4 | 48,529 | 1 3/4 | 63,908 | 1 3/4 | 79,287 | 1 3/4 | 94,666  | 1 3/4 | 110,045 | 1 3/4 | 125,424 | 1 3/4 | 140,803 | 1 3/4  | 156,182 | 1 3/4  | 171,561 | 1 3/4  | 186,940 | 1 3/4  | 202,319 | 1 3/4  | 217,698 | 1 3/4 | 233,077 | 1 3/4 |
| 2     | 12,468 | 2     | 18,170 | 2     | 33,452 | 2     | 48,852 | 2     | 64,231 | 2     | 79,610 | 2     | 94,989  | 2     | 110,368 | 2     | 125,747 | 2     | 141,126 | 2      | 156,484 | 2      | 171,843 | 2      | 187,201 | 2      | 202,559 | 2      | 217,917 | 2     | 233,274 | 2     |
| 2 1/4 | 14,015 | 2 1/4 | 18,490 | 2 1/4 | 33,773 | 2 1/4 | 49,171 | 2 1/4 | 64,550 | 2 1/4 | 79,929 | 2 1/4 | 95,287  | 2 1/4 | 110,646 | 2 1/4 | 126,004 | 2 1/4 | 141,362 | 2 1/4  | 156,719 | 2 1/4  | 172,077 | 2 1/4  | 187,435 | 2 1/4  | 202,793 | 2 1/4  | 218,151 | 2 1/4 | 233,509 | 2 1/4 |
| 2 1/2 | 15,562 | 2 1/2 | 18,811 | 2 1/2 | 34,084 | 2 1/2 | 49,492 | 2 1/2 | 64,871 | 2 1/2 | 80,250 | 2 1/2 | 95,629  | 2 1/2 | 111,008 | 2 1/2 | 126,387 | 2 1/2 | 141,766 | 2 1/2  | 157,145 | 2 1/2  | 172,524 | 2 1/2  | 187,903 | 2 1/2  | 203,282 | 2 1/2  | 218,661 | 2 1/2 | 233,978 | 2 1/2 |
| 2 3/4 | 17,109 | 2 3/4 | 18,132 | 2 3/4 | 34,414 | 2 3/4 | 49,813 | 2 3/4 | 65,212 | 2 3/4 | 80,611 | 2 3/4 | 96,010  | 2 3/4 | 111,408 | 2 3/4 | 126,807 | 2 3/4 | 142,206 | 2 3/4  | 157,605 | 2 3/4  | 173,004 | 2 3/4  | 188,403 | 2 3/4  | 203,802 | 2 3/4  | 219,201 | 2 3/4 | 234,599 | 2 3/4 |
| 3     | 18,656 | 3     | 18,453 | 3     | 34,735 | 3     | 50,133 | 3     | 65,532 | 3     | 80,930 | 3     | 96,329  | 3     | 111,728 | 3     | 127,127 | 3     | 142,526 | 3      | 157,925 | 3      | 173,324 | 3      | 188,723 | 3      | 204,122 | 3      | 219,521 | 3     | 234,919 | 3     |
| 3 1/4 | 20,203 | 3 1/4 | 19,774 | 3 1/4 | 35,036 | 3 1/4 | 50,434 | 3 1/4 | 65,833 | 3 1/4 | 81,231 | 3 1/4 | 96,629  | 3 1/4 | 112,028 | 3 1/4 | 127,427 | 3 1/4 | 142,826 | 3 1/4  | 158,225 | 3 1/4  | 173,624 | 3 1/4  | 189,023 | 3 1/4  | 204,422 | 3 1/4  | 219,821 | 3 1/4 | 235,219 | 3 1/4 |
| 3 1/2 | 21,750 | 3 1/2 | 20,094 | 3 1/2 | 35,377 | 3 1/2 | 50,775 | 3 1/2 | 66,173 | 3 1/2 | 81,572 | 3 1/2 | 96,970  | 3 1/2 | 112,368 | 3 1/2 | 127,767 | 3 1/2 | 143,166 | 3 1/2  | 158,564 | 3 1/2  | 173,962 | 3 1/2  | 189,360 | 3 1/2  | 204,759 | 3 1/2  | 220,157 | 3 1/2 | 235,555 | 3 1/2 |
| 3 3/4 | 23,297 | 3 3/4 | 20,415 | 3 3/4 | 35,688 | 3 3/4 | 51,086 | 3 3/4 | 66,484 | 3 3/4 | 81,883 | 3 3/4 | 97,281  | 3 3/4 | 112,680 | 3 3/4 | 128,078 | 3 3/4 | 143,476 | 3 3/4  | 158,874 | 3 3/4  | 174,272 | 3 3/4  | 189,669 | 3 3/4  | 205,067 | 3 3/4  | 220,464 | 3 3/4 | 235,861 | 3 3/4 |
| 4     | 24,844 | 4     | 20,736 | 4     | 36,018 | 4     | 51,417 | 4     | 66,815 | 4     | 82,213 | 4     | 97,611  | 4     | 113,010 | 4     | 128,408 | 4     | 143,806 | 4      | 159,204 | 4      | 174,603 | 4      | 189,401 | 4      | 204,799 | 4      | 220,196 | 4     | 235,593 | 4     |
| 4 1/4 | 26,391 | 4 1/4 | 21,037 | 4 1/4 | 36,339 | 4 1/4 | 51,737 | 4 1/4 | 67,136 | 4 1/4 | 82,534 | 4 1/4 | 97,931  | 4 1/4 | 113,331 | 4 1/4 | 128,729 | 4 1/4 | 144,128 | 4 1/4  | 159,526 | 4 1/4  | 174,924 | 4 1/4  | 190,322 | 4 1/4  | 205,720 | 4 1/4  | 221,117 | 4 1/4 | 236,514 | 4 1/4 |
| 4 1/2 | 27,938 | 4 1/2 | 21,378 | 4 1/2 | 36,660 | 4 1/2 | 52,058 | 4 1/2 | 67,457 | 4 1/2 | 82,855 | 4 1/2 | 98,252  | 4 1/2 | 113,652 | 4 1/2 | 129,050 | 4 1/2 | 144,448 | 4 1/2  | 160,246 | 4 1/2  | 175,644 | 4 1/2  | 191,042 | 4 1/2  | 206,440 | 4 1/2  | 221,837 | 4 1/2 | 237,234 | 4 1/2 |
| 4 3/4 | 29,485 | 4 3/4 | 21,698 | 4 3/4 | 36,981 | 4 3/4 | 52,379 | 4 3/4 | 67,777 | 4 3/4 | 83,176 | 4 3/4 | 98,574  | 4 3/4 | 113,973 | 4 3/4 | 129,371 | 4 3/4 | 144,769 | 4 3/4  | 160,567 | 4 3/4  | 175,965 | 4 3/4  | 191,762 | 4 3/4  | 207,560 | 4 3/4  | 223,357 | 4 3/4 | 238,754 | 4 3/4 |
| 5     | 31,032 | 5     | 22,019 | 5     | 37,302 | 5     | 52,700 | 5     | 68,098 | 5     | 83,497 | 5     | 98,895  | 5     | 114,293 | 5     | 129,692 | 5     | 145,090 | 5      | 160,488 | 5      | 175,887 | 5      | 191,285 | 5      | 206,683 | 5      | 222,080 | 5     | 237,477 | 5     |
| 5 1/4 | 32,579 | 5 1/4 | 22,340 | 5 1/4 | 37,622 | 5 1/4 | 53,020 | 5 1/4 | 68,419 | 5 1/4 | 83,817 | 5 1/4 | 99,216  | 5 1/4 | 114,614 | 5 1/4 | 130,012 | 5 1/4 | 145,411 | 5 1/4  | 160,809 | 5 1/4  | 176,208 | 5 1/4  | 191,606 | 5 1/4  | 207,004 | 5 1/4  | 222,402 | 5 1/4 | 237,800 | 5 1/4 |
| 5 1/2 | 34,126 | 5 1/2 | 22,661 | 5 1/2 | 37,943 | 5 1/2 | 53,341 | 5 1/2 | 68,740 | 5 1/2 | 84,138 | 5 1/2 | 99,537  | 5 1/2 | 114,935 | 5 1/2 | 130,333 | 5 1/2 | 145,732 | 5 1/2  | 161,130 | 5 1/2  | 176,528 | 5 1/2  | 191,927 | 5 1/2  | 207,325 | 5 1/2  | 222,723 | 5 1/2 | 238,120 | 5 1/2 |
| 5 3/4 | 35,673 | 5 3/4 | 22,992 | 5 3/4 | 38,264 | 5 3/4 | 53,639 | 5 3/4 | 69,037 | 5 3/4 | 84,435 | 5 3/4 | 99,832  | 5 3/4 | 115,229 | 5 3/4 | 130,627 | 5 3/4 | 146,025 | 5 3/4  | 161,423 | 5 3/4  | 176,821 | 5 3/4  | 192,219 | 5 3/4  | 207,617 | 5 3/4  | 223,015 | 5 3/4 | 238,413 | 5 3/4 |
| 6     | 37,220 | 6     | 23,302 | 6     | 38,585 | 6     | 53,933 | 6     | 69,331 | 6     | 84,730 | 6     | 100,128 | 6     | 115,526 | 6     | 130,924 | 6     | 146,322 | 6      | 161,720 | 6      | 177,118 | 6      | 192,516 | 6      | 207,914 | 6      | 223,312 | 6     | 238,710 | 6     |
| 6 1/4 | 38,767 | 6 1/4 | 23,623 | 6 1/4 | 38,908 | 6 1/4 | 54,304 | 6 1/4 | 69,702 | 6 1/4 | 85,101 | 6 1/4 | 100,899 | 6 1/4 | 116,297 | 6 1/4 | 131,695 | 6 1/4 | 147,093 | 6 1/4  | 162,491 | 6 1/4  | 177,889 | 6 1/4  | 193,287 | 6 1/4  | 208,685 | 6 1/4  | 224,083 | 6 1/4 | 239,481 | 6 1/4 |
| 6 1/2 | 40,314 | 6 1/2 | 24,265 | 6 1/2 | 39,228 | 6 1/2 | 54,625 | 6 1/2 | 70,023 | 6 1/2 | 85,421 | 6 1/2 | 101,219 | 6 1/2 | 116,617 | 6 1/2 | 132,015 | 6 1/2 | 147,413 | 6 1/2  | 162,811 | 6 1/2  | 178,209 | 6 1/2  | 193,607 | 6 1/2  | 209,005 | 6 1/2  | 224,403 | 6 1/2 | 239,801 | 6 1/2 |
| 6 3/4 | 41,861 | 6 3/4 | 24,815 | 6 3/4 | 39,547 | 6 3/4 | 54,945 | 6 3/4 | 70,343 | 6 3/4 | 85,742 | 6 3/4 | 101,540 | 6 3/4 | 116,938 | 6 3/4 | 132,336 | 6 3/4 | 147,734 | 6 3/4  | 163,132 | 6 3/4  | 178,530 | 6 3/4  | 193,928 | 6 3/4  | 209,326 | 6 3/4  | 224,724 | 6 3/4 | 240,122 | 6 3/4 |
| 7     | 43,408 | 7     | 24,866 | 7     | 39,868 | 7     | 55,246 | 7     | 70,645 | 7     | 86,043 | 7     | 101,841 | 7     | 117,239 | 7     | 132,637 | 7     | 148,035 | 7      | 163,433 | 7      | 178,831 | 7      | 194,229 | 7      | 209,627 | 7      | 225,025 | 7     | 240,423 | 7     |
| 7 1/4 | 44,955 | 7 1/4 | 24,906 | 7 1/4 | 40,169 | 7 1/4 | 55,567 | 7 1/4 | 70,963 | 7 1/4 | 86,361 | 7 1/4 | 101,939 | 7 1/4 | 117,527 | 7 1/4 | 132,925 | 7 1/4 | 148,323 | 7 1/4  | 163,721 | 7 1/4  | 179,119 | 7 1/4  | 194,517 | 7 1/4  | 209,915 | 7 1/4  | 225,313 | 7 1/4 | 240,720 | 7 1/4 |
| 7 1/2 | 46,502 | 7 1/2 | 25,548 | 7 1/2 | 40,310 | 7 1/2 | 55,888 | 7 1/2 | 71,350 | 7 1/2 | 87,150 | 7 1/2 | 102,328 | 7 1/2 | 117,915 | 7 1/2 | 133,323 | 7 1/2 | 148,721 | 7 1/2  | 164,119 | 7 1/2  | 179,517 | 7 1/2  | 194,915 | 7 1/2  | 210,313 | 7 1/2  | 225,711 | 7 1/2 | 241,118 | 7 1/2 |
| 7 3/4 | 48,049 | 7 3/4 | 25,689 | 7 3/4 | 40,611 | 7 3/4 | 56,209 | 7 3/4 | 71,    |       |        |       |         |       |         |       |         |       |         |        |         |        |         |        |         |        |         |        |         |       |         |       |

# BARGE "EMS 3031"

## Enterprise Marine Services LLC

### INLAND MARINE

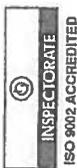
#### INNAGE TABLE

## 3 PORT

HULL NO. 477

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

| 0 FT. |       | 1 FT. |        | 2 FT. |        | 3 FT. |        | 4 FT. |        | 5 FT. |        | 6 FT. |        | 7 FT. |         | 8 FT. |         | 9 FT. |         | 10 FT. |         | 11 FT. |         | 12 FT. |         | 13 FT. |         | 14 FT. |         |       |         |       |         |
|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|---------|-------|---------|-------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|-------|---------|-------|---------|
| N     | H     | N     | H      | N     | H      | N     | H      | N     | H      | N     | H      | N     | H      | N     | H       | N     | H       | N     | H       | N      | H       | N      | H       | N      | H       | N      | H       | N      | H       |       |         |       |         |
| 0     | 684   | 0     | 14,542 | 0     | 29,000 | 0     | 43,142 | 0     | 57,451 | 0     | 71,059 | 0     | 85,218 | 0     | 100,576 | 0     | 114,935 | 0     | 129,293 | 0      | 143,651 | 0      | 158,010 | 0      | 163,951 | 0      | 168,742 | 0      | 173,319 | 0     | 178,414 | 0     | 183,951 |
| 1/4   | 883   | 1/4   | 14,841 | 1/4   | 29,485 | 1/4   | 43,442 | 1/4   | 57,800 | 1/4   | 72,158 | 1/4   | 86,517 | 1/4   | 100,875 | 1/4   | 115,233 | 1/4   | 129,592 | 1/4    | 143,951 | 1/4    | 158,310 | 1/4    | 164,049 | 1/4    | 168,837 | 1/4    | 173,414 | 1/4   | 178,951 | 1/4   | 184,089 |
| 1/2   | 1,082 | 1/2   | 15,140 | 1/2   | 29,489 | 1/2   | 43,741 | 1/2   | 58,098 | 1/2   | 72,458 | 1/2   | 86,816 | 1/2   | 101,174 | 1/2   | 115,533 | 1/2   | 129,891 | 1/2    | 144,250 | 1/2    | 158,608 | 1/2    | 164,347 | 1/2    | 169,135 | 1/2    | 173,510 | 1/2   | 178,951 | 1/2   | 184,390 |
| 3/4   | 1,281 | 3/4   | 15,439 | 3/4   | 29,754 | 3/4   | 44,040 | 3/4   | 58,399 | 3/4   | 72,757 | 3/4   | 87,115 | 3/4   | 101,474 | 3/4   | 115,832 | 3/4   | 130,190 | 3/4    | 144,549 | 3/4    | 158,908 | 3/4    | 164,647 | 3/4    | 169,435 | 3/4    | 173,810 | 3/4   | 179,250 | 3/4   | 184,689 |
| 1     | 1,480 | 1     | 16,038 | 1     | 30,393 | 1     | 44,339 | 1     | 58,937 | 1     | 73,056 | 1     | 87,414 | 1     | 101,773 | 1     | 116,131 | 1     | 130,490 | 1      | 144,848 | 1      | 159,207 | 1      | 164,946 | 1      | 169,734 | 1      | 174,109 | 1     | 179,549 | 1     | 184,988 |
| 1 1/4 | 1,679 | 1 1/4 | 16,337 | 1 1/4 | 30,632 | 1 1/4 | 44,533 | 1 1/4 | 59,137 | 1 1/4 | 73,356 | 1 1/4 | 87,713 | 1 1/4 | 102,072 | 1 1/4 | 116,430 | 1 1/4 | 130,789 | 1 1/4  | 145,147 | 1 1/4  | 159,505 | 1 1/4  | 165,244 | 1 1/4  | 170,032 | 1 1/4  | 174,407 | 1 1/4 | 179,847 | 1 1/4 | 185,286 |
| 1 1/2 | 1,878 | 1 1/2 | 16,636 | 1 1/2 | 30,927 | 1 1/2 | 44,937 | 1 1/2 | 59,286 | 1 1/2 | 73,505 | 1 1/2 | 87,862 | 1 1/2 | 102,271 | 1 1/2 | 116,630 | 1 1/2 | 130,989 | 1 1/2  | 145,347 | 1 1/2  | 159,705 | 1 1/2  | 165,444 | 1 1/2  | 170,232 | 1 1/2  | 174,607 | 1 1/2 | 180,047 | 1 1/2 | 185,486 |
| 1 3/4 | 2,077 | 1 3/4 | 16,935 | 1 3/4 | 31,222 | 1 3/4 | 45,233 | 1 3/4 | 59,581 | 1 3/4 | 73,800 | 1 3/4 | 88,158 | 1 3/4 | 102,517 | 1 3/4 | 116,875 | 1 3/4 | 131,234 | 1 3/4  | 145,592 | 1 3/4  | 159,950 | 1 3/4  | 165,689 | 1 3/4  | 170,477 | 1 3/4  | 174,852 | 1 3/4 | 180,292 | 1 3/4 | 185,731 |
| 2     | 2,276 | 2     | 16,935 | 2     | 31,377 | 2     | 45,338 | 2     | 59,686 | 2     | 73,905 | 2     | 88,261 | 2     | 102,620 | 2     | 117,078 | 2     | 131,437 | 2      | 145,796 | 2      | 160,155 | 2      | 165,894 | 2      | 170,682 | 2      | 175,057 | 2     | 180,497 | 2     | 185,936 |
| 2 1/4 | 2,475 | 2 1/4 | 17,234 | 2 1/4 | 31,672 | 2 1/4 | 45,633 | 2 1/4 | 59,981 | 2 1/4 | 74,200 | 2 1/4 | 88,558 | 2 1/4 | 102,927 | 2 1/4 | 117,385 | 2 1/4 | 131,744 | 2 1/4  | 146,103 | 2 1/4  | 160,462 | 2 1/4  | 166,201 | 2 1/4  | 171,089 | 2 1/4  | 175,464 | 2 1/4 | 180,899 | 2 1/4 | 186,338 |
| 2 1/2 | 2,674 | 2 1/2 | 17,533 | 2 1/2 | 31,969 | 2 1/2 | 45,934 | 2 1/2 | 60,282 | 2 1/2 | 74,491 | 2 1/2 | 88,869 | 2 1/2 | 103,238 | 2 1/2 | 117,696 | 2 1/2 | 132,055 | 2 1/2  | 146,414 | 2 1/2  | 160,773 | 2 1/2  | 166,512 | 2 1/2  | 171,399 | 2 1/2  | 175,774 | 2 1/2 | 181,210 | 2 1/2 | 186,649 |
| 3     | 2,873 | 3     | 17,832 | 3     | 32,274 | 3     | 46,233 | 3     | 60,581 | 3     | 74,790 | 3     | 89,168 | 3     | 103,547 | 3     | 118,005 | 3     | 132,364 | 3      | 146,723 | 3      | 161,082 | 3      | 166,821 | 3      | 171,708 | 3      | 176,083 | 3     | 181,514 | 3     | 186,953 |
| 3 1/4 | 3,072 | 3 1/4 | 18,131 | 3 1/4 | 32,573 | 3 1/4 | 46,534 | 3 1/4 | 60,882 | 3 1/4 | 75,091 | 3 1/4 | 89,469 | 3 1/4 | 103,828 | 3 1/4 | 118,286 | 3 1/4 | 132,645 | 3 1/4  | 147,004 | 3 1/4  | 161,363 | 3 1/4  | 167,102 | 3 1/4  | 171,989 | 3 1/4  | 176,364 | 3 1/4 | 181,795 | 3 1/4 | 187,234 |
| 3 1/2 | 3,271 | 3 1/2 | 18,430 | 3 1/2 | 32,874 | 3 1/2 | 46,835 | 3 1/2 | 61,190 | 3 1/2 | 75,400 | 3 1/2 | 89,788 | 3 1/2 | 104,147 | 3 1/2 | 118,605 | 3 1/2 | 132,964 | 3 1/2  | 147,323 | 3 1/2  | 161,682 | 3 1/2  | 167,421 | 3 1/2  | 172,308 | 3 1/2  | 176,683 | 3 1/2 | 182,114 | 3 1/2 | 187,553 |
| 4     | 3,470 | 4     | 18,729 | 4     | 33,177 | 4     | 47,132 | 4     | 61,489 | 4     | 75,699 | 4     | 90,087 | 4     | 104,475 | 4     | 118,933 | 4     | 133,292 | 4      | 147,651 | 4      | 162,010 | 4      | 167,749 | 4      | 172,636 | 4      | 177,011 | 4     | 182,442 | 4     | 187,881 |
| 4 1/4 | 3,669 | 4 1/4 | 19,028 | 4 1/4 | 33,478 | 4 1/4 | 47,433 | 4 1/4 | 61,796 | 4 1/4 | 76,006 | 4 1/4 | 90,394 | 4 1/4 | 104,782 | 4 1/4 | 119,240 | 4 1/4 | 133,599 | 4 1/4  | 147,958 | 4 1/4  | 162,317 | 4 1/4  | 168,056 | 4 1/4  | 172,943 | 4 1/4  | 177,318 | 4 1/4 | 182,757 | 4 1/4 | 188,196 |
| 4 1/2 | 3,868 | 4 1/2 | 19,327 | 4 1/2 | 33,777 | 4 1/2 | 47,734 | 4 1/2 | 62,103 | 4 1/2 | 76,313 | 4 1/2 | 90,701 | 4 1/2 | 105,089 | 4 1/2 | 119,547 | 4 1/2 | 133,906 | 4 1/2  | 148,265 | 4 1/2  | 162,624 | 4 1/2  | 168,363 | 4 1/2  | 173,250 | 4 1/2  | 177,625 | 4 1/2 | 183,064 | 4 1/2 | 188,503 |
| 5     | 4,067 | 5     | 19,626 | 5     | 34,076 | 5     | 48,031 | 5     | 62,389 | 5     | 76,500 | 5     | 90,888 | 5     | 105,276 | 5     | 119,734 | 5     | 134,093 | 5      | 148,452 | 5      | 162,811 | 5      | 168,550 | 5      | 173,437 | 5      | 177,812 | 5     | 183,251 | 5     | 188,690 |
| 5 1/4 | 4,266 | 5 1/4 | 19,925 | 5 1/4 | 34,375 | 5 1/4 | 48,332 | 5 1/4 | 62,642 | 5 1/4 | 76,852 | 5 1/4 | 91,240 | 5 1/4 | 105,628 | 5 1/4 | 120,086 | 5 1/4 | 134,445 | 5 1/4  | 148,804 | 5 1/4  | 163,163 | 5 1/4  | 168,902 | 5 1/4  | 173,789 | 5 1/4  | 178,164 | 5 1/4 | 183,593 | 5 1/4 | 189,032 |
| 5 1/2 | 4,465 | 5 1/2 | 20,224 | 5 1/2 | 34,674 | 5 1/2 | 48,589 | 5 1/2 | 62,901 | 5 1/2 | 77,111 | 5 1/2 | 91,499 | 5 1/2 | 105,887 | 5 1/2 | 120,346 | 5 1/2 | 134,705 | 5 1/2  | 149,064 | 5 1/2  | 163,423 | 5 1/2  | 169,162 | 5 1/2  | 174,049 | 5 1/2  | 178,424 | 5 1/2 | 183,853 | 5 1/2 | 189,292 |
| 6     | 4,664 | 6     | 20,523 | 6     | 34,973 | 6     | 48,894 | 6     | 63,106 | 6     | 77,314 | 6     | 91,702 | 6     | 106,090 | 6     | 120,449 | 6     | 134,808 | 6      | 149,167 | 6      | 163,526 | 6      | 169,265 | 6      | 174,152 | 6      | 178,527 | 6     | 183,956 | 6     | 189,395 |
| 6 1/4 | 4,863 | 6 1/4 | 20,822 | 6 1/4 | 35,272 | 6 1/4 | 49,205 | 6 1/4 | 63,318 | 6 1/4 | 77,722 | 6 1/4 | 92,110 | 6 1/4 | 106,498 | 6 1/4 | 120,857 | 6 1/4 | 135,216 | 6 1/4  | 149,575 | 6 1/4  | 163,934 | 6 1/4  | 169,673 | 6 1/4  | 174,560 | 6 1/4  | 178,935 | 6 1/4 | 184,374 | 6 1/4 | 189,813 |
| 6 1/2 | 5,062 | 6 1/2 | 21,121 | 6 1/2 | 35,571 | 6 1/2 | 49,518 | 6 1/2 | 63,631 | 6 1/2 | 78,035 | 6 1/2 | 92,423 | 6 1/2 | 106,811 | 6 1/2 | 121,170 | 6 1/2 | 135,529 | 6 1/2  | 149,888 | 6 1/2  | 164,247 | 6 1/2  | 170,086 | 6 1/2  | 174,973 | 6 1/2  | 179,348 | 6 1/2 | 184,787 | 6 1/2 | 190,226 |
| 7     | 5,261 | 7     | 21,420 | 7     | 35,870 | 7     | 49,817 | 7     | 63,930 | 7     | 78,334 | 7     | 92,722 | 7     | 107,110 | 7     | 121,469 | 7     | 135,828 | 7      | 150,187 | 7      | 164,546 | 7      | 170,385 | 7      | 175,272 | 7      | 179,647 | 7     | 185,086 | 7     | 190,525 |
| 7 1/4 | 5,460 | 7 1/4 | 21,719 | 7 1/4 | 36,169 | 7 1/4 | 50,116 | 7 1/4 | 64,177 | 7 1/4 | 78,581 | 7 1/4 | 92,969 | 7 1/4 | 107,357 | 7 1/4 | 121,716 | 7 1/4 | 136,075 | 7 1/4  | 150,434 | 7 1/4  | 164,793 | 7 1/4  | 170,632 | 7 1/4  | 175,519 | 7 1/4  | 180,894 | 7 1/4 | 186,333 | 7 1/4 | 191,772 |
| 7 1/2 | 5,659 | 7 1/2 | 22,018 | 7 1/2 | 36,468 | 7 1/2 | 50,415 | 7 1/2 | 64,478 | 7 1/2 | 78,882 | 7 1/2 | 93,270 | 7 1/2 | 107,645 | 7 1/2 | 121,975 | 7 1/2 | 136,334 | 7 1/2  | 150,693 | 7 1/2  | 165,052 | 7 1/2  | 170,891 | 7 1/2  | 175,778 | 7 1/2  | 181,153 | 7 1/2 | 186,592 | 7 1/2 | 192,031 |
| 8     | 5,858 | 8     | 22,517 | 8     | 36,767 | 8     | 50,714 | 8     | 64,775 | 8     | 79,179 | 8     | 93,567 | 8     | 107,932 | 8     | 122,214 | 8     | 136,573 | 8      | 150,932 | 8      | 165,291 | 8      | 171,130 | 8      | 176,017 | 8      | 180,892 | 8     | 186,331 | 8     | 191,770 |
| 8 1/4 | 6,057 | 8 1/4 | 22,816 | 8 1/4 | 37,066 | 8 1/4 | 50,963 | 8 1/4 | 64,974 | 8 1/4 | 79,378 | 8 1/4 | 93,760 | 8 1/4 | 108,113 | 8 1/4 | 122,413 | 8 1/4 | 136,772 | 8 1/4  | 151,131 | 8 1/4  | 165,490 | 8 1/4  | 171,328 | 8 1/4  | 176,215 | 8 1/4  | 181,654 | 8 1/4 | 187,093 | 8 1/4 | 192,532 |
| 8 1/2 | 6,256 | 8 1/2 | 23,115 | 8 1/2 | 37,365 | 8 1/2 | 51,160 | 8 1/2 | 65,171 | 8 1/2 | 79,575 | 8 1/2 | 93,952 | 8 1/2 | 108,294 | 8 1/2 | 122,413 | 8 1/2 | 136,772 | 8 1/2  | 151,131 | 8 1/2  | 165,490 | 8 1/2  | 171,328 | 8 1/2  | 176,215 | 8 1/2  | 181,654 | 8 1/2 | 187,093 | 8 1/2 | 192,532 |
| 9     | 6,455 | 9     | 23,614 | 9     | 37,664 | 9     | 51,459 | 9     | 65,472 | 9     | 79,877 | 9     | 94,240 | 9     | 108,581 | 9     | 122,413 | 9     | 136,772 | 9      | 151,131 | 9      | 165,490 | 9      | 171,328 | 9      | 176,215 | 9      | 181,654 | 9     | 187,093 | 9     | 192,532 |
| 9 1/4 | 6,654 | 9 1/4 | 23,913 | 9 1/4 | 37,963 | 9 1/4 | 51,758 | 9 1/4 | 65,771 | 9 1/4 | 80,176 | 9 1/4 | 94,521 | 9 1/4 | 108,824 | 9 1/4 | 122,413 | 9 1/4 | 136,772 | 9 1/4  | 151,131 | 9 1/4  | 165,490 | 9 1/4  |         |        |         |        |         |       |         |       |         |



# BARGE "EMS 3031"

## Enterprise Marine Services LLC

### INLAND MARINE INNAGE TABLE

3 STAR

HULL NO. 477

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

| IN | 0 FT. | 1 FT.  | 2 FT.  | 3 FT.  | 4 FT.  | 5 FT.  | 6 FT.   | 7 FT.   | 8 FT.   | 9 FT.   | 10 FT.  | 11 FT.  | 12 FT.  | 13 FT.  | 14 FT.  |
|----|-------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0  | 884   | 14,542 | 28,900 | 43,142 | 57,300 | 71,859 | 86,218  | 100,576 | 114,935 | 129,293 | 143,651 | 158,010 | 172,368 | 186,727 | 174,735 |
| 1  | 884   | 14,542 | 29,185 | 43,427 | 57,600 | 72,158 | 86,517  | 100,876 | 115,234 | 129,592 | 143,951 | 158,310 | 172,668 | 187,027 | 175,035 |
| 2  | 884   | 14,542 | 29,428 | 43,670 | 57,843 | 72,401 | 86,760  | 101,114 | 115,472 | 129,830 | 144,189 | 158,547 | 172,906 | 187,265 | 175,273 |
| 3  | 884   | 14,542 | 29,671 | 43,913 | 58,086 | 72,644 | 87,003  | 101,357 | 115,715 | 130,073 | 144,428 | 158,786 | 173,144 | 187,503 | 175,511 |
| 4  | 884   | 14,542 | 29,914 | 44,156 | 58,329 | 72,887 | 87,246  | 101,599 | 115,958 | 130,312 | 144,669 | 159,025 | 173,381 | 187,740 | 175,750 |
| 5  | 884   | 14,542 | 30,157 | 44,399 | 58,572 | 73,130 | 87,489  | 101,841 | 116,200 | 130,555 | 144,910 | 159,262 | 173,618 | 187,979 | 175,999 |
| 6  | 884   | 14,542 | 30,400 | 44,642 | 58,815 | 73,373 | 87,732  | 102,083 | 116,443 | 130,798 | 145,153 | 159,500 | 173,856 | 188,218 | 176,248 |
| 7  | 884   | 14,542 | 30,643 | 44,885 | 59,058 | 73,616 | 87,975  | 102,325 | 116,686 | 131,041 | 145,396 | 159,737 | 174,094 | 188,457 | 176,497 |
| 8  | 884   | 14,542 | 30,886 | 45,128 | 59,301 | 73,859 | 88,218  | 102,567 | 116,929 | 131,284 | 145,639 | 160,000 | 174,332 | 188,696 | 176,746 |
| 9  | 884   | 14,542 | 31,129 | 45,371 | 59,544 | 74,102 | 88,461  | 102,809 | 117,172 | 131,527 | 145,882 | 160,237 | 174,570 | 188,935 | 176,995 |
| 10 | 884   | 14,542 | 31,372 | 45,614 | 59,787 | 74,345 | 88,704  | 103,050 | 117,415 | 131,770 | 146,125 | 160,475 | 174,808 | 189,174 | 177,244 |
| 11 | 884   | 14,542 | 31,615 | 45,857 | 60,030 | 74,588 | 88,947  | 103,291 | 117,658 | 132,013 | 146,368 | 160,712 | 175,046 | 189,413 | 177,493 |
| 12 | 884   | 14,542 | 31,858 | 46,100 | 60,273 | 74,831 | 89,189  | 103,532 | 117,901 | 132,256 | 146,611 | 160,950 | 175,284 | 189,652 | 177,742 |
| 13 | 884   | 14,542 | 32,101 | 46,343 | 60,516 | 75,074 | 89,432  | 103,773 | 118,144 | 132,499 | 146,854 | 161,187 | 175,522 | 189,891 | 177,991 |
| 14 | 884   | 14,542 | 32,344 | 46,586 | 60,759 | 75,317 | 89,675  | 104,014 | 118,387 | 132,742 | 147,097 | 161,425 | 175,760 | 190,130 | 178,240 |
| 15 | 884   | 14,542 | 32,587 | 46,829 | 61,002 | 75,560 | 89,918  | 104,255 | 118,630 | 132,985 | 147,340 | 161,662 | 176,000 | 190,369 | 178,489 |
| 16 | 884   | 14,542 | 32,830 | 47,072 | 61,245 | 75,803 | 90,161  | 104,496 | 118,873 | 133,228 | 147,583 | 161,899 | 176,238 | 190,608 | 178,738 |
| 17 | 884   | 14,542 | 33,073 | 47,315 | 61,488 | 76,046 | 90,404  | 104,737 | 119,116 | 133,471 | 147,826 | 162,137 | 176,476 | 190,847 | 178,987 |
| 18 | 884   | 14,542 | 33,316 | 47,558 | 61,731 | 76,289 | 90,647  | 104,978 | 119,359 | 133,714 | 148,069 | 162,374 | 176,714 | 191,086 | 179,236 |
| 19 | 884   | 14,542 | 33,559 | 47,801 | 61,974 | 76,532 | 90,890  | 105,219 | 119,602 | 133,957 | 148,312 | 162,611 | 176,952 | 191,325 | 179,485 |
| 20 | 884   | 14,542 | 33,802 | 48,044 | 62,217 | 76,775 | 91,133  | 105,460 | 119,845 | 134,200 | 148,555 | 162,848 | 177,190 | 191,564 | 179,734 |
| 21 | 884   | 14,542 | 34,045 | 48,287 | 62,460 | 77,018 | 91,376  | 105,701 | 120,088 | 134,443 | 148,798 | 163,085 | 177,428 | 191,803 | 179,983 |
| 22 | 884   | 14,542 | 34,288 | 48,530 | 62,703 | 77,261 | 91,619  | 105,942 | 120,331 | 134,686 | 149,041 | 163,322 | 177,666 | 192,042 | 180,232 |
| 23 | 884   | 14,542 | 34,531 | 48,773 | 62,946 | 77,504 | 91,862  | 106,183 | 120,574 | 134,929 | 149,284 | 163,559 | 177,904 | 192,281 | 180,481 |
| 24 | 884   | 14,542 | 34,774 | 49,016 | 63,189 | 77,747 | 92,105  | 106,424 | 120,817 | 135,172 | 149,527 | 163,796 | 178,142 | 192,520 | 180,730 |
| 25 | 884   | 14,542 | 35,017 | 49,259 | 63,432 | 77,990 | 92,348  | 106,665 | 121,060 | 135,415 | 149,770 | 164,033 | 178,380 | 192,759 | 180,979 |
| 26 | 884   | 14,542 | 35,260 | 49,502 | 63,675 | 78,233 | 92,591  | 106,906 | 121,303 | 135,658 | 150,013 | 164,271 | 178,618 | 193,000 | 181,228 |
| 27 | 884   | 14,542 | 35,503 | 49,745 | 63,918 | 78,476 | 92,834  | 107,147 | 121,546 | 135,901 | 150,256 | 164,510 | 178,856 | 193,241 | 181,477 |
| 28 | 884   | 14,542 | 35,746 | 49,988 | 64,161 | 78,719 | 93,077  | 107,388 | 121,789 | 136,144 | 150,499 | 164,748 | 179,094 | 193,480 | 181,726 |
| 29 | 884   | 14,542 | 36,000 | 50,231 | 64,404 | 78,962 | 93,320  | 107,629 | 122,032 | 136,387 | 150,742 | 164,985 | 179,332 | 193,719 | 181,975 |
| 30 | 884   | 14,542 | 36,243 | 50,474 | 64,647 | 79,205 | 93,563  | 107,870 | 122,275 | 136,630 | 150,985 | 165,223 | 179,570 | 193,958 | 182,224 |
| 31 | 884   | 14,542 | 36,486 | 50,717 | 64,890 | 79,448 | 93,806  | 108,111 | 122,518 | 136,873 | 151,228 | 165,461 | 179,808 | 194,193 | 182,473 |
| 32 | 884   | 14,542 | 36,729 | 50,960 | 65,133 | 79,691 | 94,049  | 108,352 | 122,761 | 137,116 | 151,471 | 165,699 | 180,046 | 194,432 | 182,722 |
| 33 | 884   | 14,542 | 36,972 | 51,203 | 65,376 | 79,934 | 94,292  | 108,593 | 123,004 | 137,359 | 151,714 | 165,937 | 180,284 | 194,671 | 182,971 |
| 34 | 884   | 14,542 | 37,215 | 51,446 | 65,619 | 80,177 | 94,535  | 108,834 | 123,247 | 137,602 | 151,957 | 166,175 | 180,522 | 194,910 | 183,220 |
| 35 | 884   | 14,542 | 37,458 | 51,689 | 65,862 | 80,420 | 94,778  | 109,075 | 123,490 | 137,845 | 152,199 | 166,413 | 180,760 | 195,149 | 183,469 |
| 36 | 884   | 14,542 | 37,701 | 51,932 | 66,105 | 80,663 | 95,021  | 109,316 | 123,733 | 138,088 | 152,442 | 166,651 | 181,000 | 195,388 | 183,718 |
| 37 | 884   | 14,542 | 37,944 | 52,175 | 66,348 | 80,906 | 95,264  | 109,557 | 123,976 | 138,331 | 152,685 | 166,889 | 181,239 | 195,627 | 183,967 |
| 38 | 884   | 14,542 | 38,187 | 52,418 | 66,591 | 81,149 | 95,507  | 109,798 | 124,219 | 138,574 | 152,928 | 167,127 | 181,478 | 195,866 | 184,216 |
| 39 | 884   | 14,542 | 38,430 | 52,661 | 66,834 | 81,392 | 95,750  | 110,039 | 124,462 | 138,817 | 153,171 | 167,365 | 181,717 | 196,105 | 184,465 |
| 40 | 884   | 14,542 | 38,673 | 52,904 | 67,077 | 81,635 | 95,993  | 110,280 | 124,705 | 139,060 | 153,414 | 167,603 | 181,956 | 196,344 | 184,714 |
| 41 | 884   | 14,542 | 38,916 | 53,147 | 67,320 | 81,878 | 96,236  | 110,521 | 124,948 | 139,303 | 153,657 | 167,841 | 182,195 | 196,583 | 184,963 |
| 42 | 884   | 14,542 | 39,159 | 53,390 | 67,563 | 82,121 | 96,479  | 110,762 | 125,191 | 139,546 | 153,900 | 168,079 | 182,434 | 196,822 | 185,212 |
| 43 | 884   | 14,542 | 39,402 | 53,633 | 67,806 | 82,364 | 96,722  | 111,003 | 125,434 | 139,789 | 154,143 | 168,317 | 182,673 | 197,061 | 185,461 |
| 44 | 884   | 14,542 | 39,645 | 53,876 | 68,049 | 82,607 | 96,965  | 111,244 | 125,677 | 140,032 | 154,386 | 168,555 | 182,912 | 197,300 | 185,710 |
| 45 | 884   | 14,542 | 39,888 | 54,119 | 68,292 | 82,850 | 97,208  | 111,485 | 125,920 | 140,275 | 154,629 | 168,793 | 183,151 | 197,539 | 185,959 |
| 46 | 884   | 14,542 | 40,131 | 54,362 | 68,535 | 83,093 | 97,451  | 111,726 | 126,163 | 140,518 | 154,872 | 169,031 | 183,390 | 197,778 | 186,208 |
| 47 | 884   | 14,542 | 40,374 | 54,605 | 68,778 | 83,336 | 97,694  | 111,967 | 126,406 | 140,761 | 155,115 | 169,269 | 183,629 | 198,017 | 186,457 |
| 48 | 884   | 14,542 | 40,617 | 54,848 | 69,021 | 83,579 | 97,937  | 112,208 | 126,649 | 141,004 | 155,358 | 169,507 | 183,868 | 198,256 | 186,706 |
| 49 | 884   | 14,542 | 40,860 | 55,091 | 69,264 | 83,822 | 98,180  | 112,449 | 126,892 | 141,247 | 155,597 | 169,745 | 184,107 | 198,495 | 186,955 |
| 50 | 884   | 14,542 | 41,103 | 55,334 | 69,507 | 84,065 | 98,423  | 112,690 | 127,135 | 141,490 | 155,836 | 170,000 | 184,346 | 198,734 | 187,204 |
| 51 | 884   | 14,542 | 41,346 | 55,577 | 69,750 | 84,308 | 98,666  | 112,931 | 127,378 | 141,733 | 156,075 | 170,239 | 184,585 | 198,973 | 187,453 |
| 52 | 884   | 14,542 | 41,589 | 55,820 | 70,000 | 84,551 | 98,909  | 113,172 | 127,621 | 141,976 | 156,314 | 170,478 | 184,824 | 199,212 | 187,702 |
| 53 | 884   | 14,542 | 41,832 | 56,063 | 70,243 | 84,794 | 99,152  | 113,413 | 127,864 | 142,219 | 156,553 | 170,717 | 185,063 | 199,451 | 187,951 |
| 54 | 884   | 14,542 | 42,075 | 56,306 | 70,486 | 85,037 | 99,395  | 113,654 | 128,107 | 142,462 | 156,792 | 170,956 | 185,302 | 199,690 | 188,200 |
| 55 | 884   | 14,542 | 42,318 | 56,549 | 70,729 | 85,280 | 99,638  | 113,895 | 128,350 | 142,705 | 157,031 | 171,195 | 185,541 | 199,929 | 188,449 |
| 56 | 884   | 14,542 | 42,561 | 56,792 | 70,972 | 85,523 | 99,881  | 114,136 | 128,593 | 142,948 | 157,270 | 171,434 | 185,780 | 200,168 | 188,698 |
| 57 | 884   | 14,542 | 42,804 | 57,035 | 71,215 | 85,766 | 100,124 | 114,377 | 128,836 | 143,191 | 157,509 | 171,673 | 186,019 | 200,407 | 188,947 |
| 58 | 884   | 14,542 | 43,047 | 57,278 | 71,458 | 86,009 | 100,367 | 114,618 | 129,079 | 143,434 | 157,748 | 171,912 | 186,258 | 200,646 | 189,196 |
| 59 | 884   | 14,542 | 43,290 | 57,521 | 7      |        |         |         |         |         |         |         |         |         |         |

# BARGE "EMS 3031" Enterprise Marine Services LLC

## INLAND MARINE INNAAGE TABLE

### FUEL OIL TANK

HULL NO. 477

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

| 0 FT. |   | 1 FT. |       | 2 FT. |       | 3 FT. |       | 4 FT. |        | 5 FT. |        | 6 FT. |        | 7 FT. |        | 8 FT. |        | 9 FT. |        | 10 FT. |        | 11 FT. |        | 12 FT. |        | 13 FT. |        | 14 FT. |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |             |
|-------|---|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|--------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-------------|
| #     | W | #     | W     | #     | W     | #     | W     | #     | W      | #     | W      | #     | W      | #     | W      | #     | W      | #     | W      | #      | W      | #      | W      | #      | W      | #      | W      | #      | W      |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |        |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |         |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |           |   |             |
| 0     | 0 | 0     | 2,624 | 0     | 5,248 | 0     | 7,871 | 0     | 10,495 | 0     | 13,119 | 0     | 15,743 | 0     | 18,367 | 0     | 20,991 | 0     | 23,615 | 0      | 26,239 | 0      | 28,863 | 0      | 31,487 | 0      | 34,111 | 0      | 36,735 | 0 | 39,359 | 0 | 41,983 | 0 | 44,607 | 0 | 47,231 | 0 | 49,855 | 0 | 52,479 | 0 | 55,103 | 0 | 57,727 | 0 | 60,351 | 0 | 62,975 | 0 | 65,599 | 0 | 68,223 | 0 | 70,847 | 0 | 73,471 | 0 | 76,095 | 0 | 78,719 | 0 | 81,343 | 0 | 83,967 | 0 | 86,591 | 0 | 89,215 | 0 | 91,839 | 0 | 94,463 | 0 | 97,087 | 0 | 99,711 | 0 | 102,335 | 0 | 104,959 | 0 | 107,583 | 0 | 110,207 | 0 | 112,831 | 0 | 115,455 | 0 | 118,079 | 0 | 120,703 | 0 | 123,327 | 0 | 125,951 | 0 | 128,575 | 0 | 131,199 | 0 | 133,823 | 0 | 136,447 | 0 | 139,071 | 0 | 141,695 | 0 | 144,319 | 0 | 146,943 | 0 | 149,567 | 0 | 152,191 | 0 | 154,815 | 0 | 157,439 | 0 | 160,063 | 0 | 162,687 | 0 | 165,311 | 0 | 167,935 | 0 | 170,559 | 0 | 173,183 | 0 | 175,807 | 0 | 178,431 | 0 | 181,055 | 0 | 183,679 | 0 | 186,303 | 0 | 188,927 | 0 | 191,551 | 0 | 194,175 | 0 | 196,799 | 0 | 199,423 | 0 | 202,047 | 0 | 204,671 | 0 | 207,295 | 0 | 209,919 | 0 | 212,543 | 0 | 215,167 | 0 | 217,791 | 0 | 220,415 | 0 | 223,039 | 0 | 225,663 | 0 | 228,287 | 0 | 230,911 | 0 | 233,535 | 0 | 236,159 | 0 | 238,783 | 0 | 241,407 | 0 | 244,031 | 0 | 246,655 | 0 | 249,279 | 0 | 251,903 | 0 | 254,527 | 0 | 257,151 | 0 | 259,775 | 0 | 262,399 | 0 | 265,023 | 0 | 267,647 | 0 | 270,271 | 0 | 272,895 | 0 | 275,519 | 0 | 278,143 | 0 | 280,767 | 0 | 283,391 | 0 | 286,015 | 0 | 288,639 | 0 | 291,263 | 0 | 293,887 | 0 | 296,511 | 0 | 299,135 | 0 | 301,759 | 0 | 304,383 | 0 | 307,007 | 0 | 309,631 | 0 | 312,255 | 0 | 314,879 | 0 | 317,503 | 0 | 320,127 | 0 | 322,751 | 0 | 325,375 | 0 | 328,000 | 0 | 330,624 | 0 | 333,248 | 0 | 335,872 | 0 | 338,496 | 0 | 341,120 | 0 | 343,744 | 0 | 346,368 | 0 | 348,992 | 0 | 351,616 | 0 | 354,240 | 0 | 356,864 | 0 | 359,488 | 0 | 362,112 | 0 | 364,736 | 0 | 367,360 | 0 | 370,000 | 0 | 372,624 | 0 | 375,248 | 0 | 377,872 | 0 | 380,496 | 0 | 383,120 | 0 | 385,744 | 0 | 388,368 | 0 | 390,992 | 0 | 393,616 | 0 | 396,240 | 0 | 398,864 | 0 | 401,488 | 0 | 404,112 | 0 | 406,736 | 0 | 409,360 | 0 | 411,984 | 0 | 414,608 | 0 | 417,232 | 0 | 419,856 | 0 | 422,480 | 0 | 425,104 | 0 | 427,728 | 0 | 430,352 | 0 | 432,976 | 0 | 435,600 | 0 | 438,224 | 0 | 440,848 | 0 | 443,472 | 0 | 446,096 | 0 | 448,720 | 0 | 451,344 | 0 | 453,968 | 0 | 456,592 | 0 | 459,216 | 0 | 461,840 | 0 | 464,464 | 0 | 467,088 | 0 | 469,712 | 0 | 472,336 | 0 | 474,960 | 0 | 477,584 | 0 | 480,208 | 0 | 482,832 | 0 | 485,456 | 0 | 488,080 | 0 | 490,704 | 0 | 493,328 | 0 | 495,952 | 0 | 498,576 | 0 | 501,200 | 0 | 503,824 | 0 | 506,448 | 0 | 509,072 | 0 | 511,696 | 0 | 514,320 | 0 | 516,944 | 0 | 519,568 | 0 | 522,192 | 0 | 524,816 | 0 | 527,440 | 0 | 530,064 | 0 | 532,688 | 0 | 535,312 | 0 | 537,936 | 0 | 540,560 | 0 | 543,184 | 0 | 545,808 | 0 | 548,432 | 0 | 551,056 | 0 | 553,680 | 0 | 556,304 | 0 | 558,928 | 0 | 561,552 | 0 | 564,176 | 0 | 566,800 | 0 | 569,424 | 0 | 572,048 | 0 | 574,672 | 0 | 577,296 | 0 | 579,920 | 0 | 582,544 | 0 | 585,168 | 0 | 587,792 | 0 | 590,416 | 0 | 593,040 | 0 | 595,664 | 0 | 598,288 | 0 | 600,912 | 0 | 603,536 | 0 | 606,160 | 0 | 608,784 | 0 | 611,408 | 0 | 614,032 | 0 | 616,656 | 0 | 619,280 | 0 | 621,904 | 0 | 624,528 | 0 | 627,152 | 0 | 629,776 | 0 | 632,400 | 0 | 635,024 | 0 | 637,648 | 0 | 640,272 | 0 | 642,896 | 0 | 645,520 | 0 | 648,144 | 0 | 650,768 | 0 | 653,392 | 0 | 656,016 | 0 | 658,640 | 0 | 661,264 | 0 | 663,888 | 0 | 666,512 | 0 | 669,136 | 0 | 671,760 | 0 | 674,384 | 0 | 677,008 | 0 | 679,632 | 0 | 682,256 | 0 | 684,880 | 0 | 687,504 | 0 | 690,128 | 0 | 692,752 | 0 | 695,376 | 0 | 698,000 | 0 | 700,624 | 0 | 703,248 | 0 | 705,872 | 0 | 708,496 | 0 | 711,120 | 0 | 713,744 | 0 | 716,368 | 0 | 718,992 | 0 | 721,616 | 0 | 724,240 | 0 | 726,864 | 0 | 729,488 | 0 | 732,112 | 0 | 734,736 | 0 | 737,360 | 0 | 740,000 | 0 | 742,624 | 0 | 745,248 | 0 | 747,872 | 0 | 750,496 | 0 | 753,120 | 0 | 755,744 | 0 | 758,368 | 0 | 760,992 | 0 | 763,616 | 0 | 766,240 | 0 | 768,864 | 0 | 771,488 | 0 | 774,112 | 0 | 776,736 | 0 | 779,360 | 0 | 781,984 | 0 | 784,608 | 0 | 787,232 | 0 | 789,856 | 0 | 792,480 | 0 | 795,104 | 0 | 797,728 | 0 | 800,352 | 0 | 802,976 | 0 | 805,600 | 0 | 808,224 | 0 | 810,848 | 0 | 813,472 | 0 | 816,096 | 0 | 818,720 | 0 | 821,344 | 0 | 823,968 | 0 | 826,592 | 0 | 829,216 | 0 | 831,840 | 0 | 834,464 | 0 | 837,088 | 0 | 839,712 | 0 | 842,336 | 0 | 844,960 | 0 | 847,584 | 0 | 850,208 | 0 | 852,832 | 0 | 855,456 | 0 | 858,080 | 0 | 860,704 | 0 | 863,328 | 0 | 865,952 | 0 | 868,576 | 0 | 871,200 | 0 | 873,824 | 0 | 876,448 | 0 | 879,072 | 0 | 881,696 | 0 | 884,320 | 0 | 886,944 | 0 | 889,568 | 0 | 892,192 | 0 | 894,816 | 0 | 897,440 | 0 | 900,064 | 0 | 902,688 | 0 | 905,312 | 0 | 907,936 | 0 | 910,560 | 0 | 913,184 | 0 | 915,808 | 0 | 918,432 | 0 | 921,056 | 0 | 923,680 | 0 | 926,304 | 0 | 928,928 | 0 | 931,552 | 0 | 934,176 | 0 | 936,800 | 0 | 939,424 | 0 | 942,048 | 0 | 944,672 | 0 | 947,296 | 0 | 949,920 | 0 | 952,544 | 0 | 955,168 | 0 | 957,792 | 0 | 960,416 | 0 | 963,040 | 0 | 965,664 | 0 | 968,288 | 0 | 970,912 | 0 | 973,536 | 0 | 976,160 | 0 | 978,784 | 0 | 981,408 | 0 | 984,032 | 0 | 986,656 | 0 | 989,280 | 0 | 991,904 | 0 | 994,528 | 0 | 997,152 | 0 | 1,000,000 | 0 | 1,003,000 | 0 | 1,006,000 | 0 | 1,009,000 | 0 | 1,012,000 | 0 | 1,015,000 | 0 | 1,018,000 | 0 | 1,021,000 | 0 | 1,024,000 | 0 | 1,027,000 | 0 | 1,030,000 | 0 | 1,033,000 | 0 | 1,036,000 | 0 | 1,039,000 | 0 | 1,042,000 | 0 | 1,045,000 | 0 | 1,048,000 | 0 | 1,051,000 | 0 | 1,054,000 | 0 | 1,057,000 | 0 | 1,060,000 | 0 | 1,063,000 | 0 | 1,066,000 | 0 | 1,069,000 | 0 | 1,072,000 | 0 | 1,075,000 | 0 | 1,078,000 | 0 | 1,081,000 | 0 | 1,084,000 | 0 | 1,087,000 | 0 | 1,090,000 | 0 | 1,093,000 | 0 | 1,096,000 | 0 | 1,099,000 | 0 | 1,102,000 | 0 | 1,105,000 | 0 | 1,108,000 | 0 | 1,111,000 | 0 | 1,114,000 | 0 | 1,117,000 | 0 | 1,120,000 | 0 | 1,123,000 | 0 | 1,126,000 | 0 | 1,129,000 | 0 | 1,132,000 | 0 | 1,135,000 | 0 | 1,138,000 | 0 | 1,141,000 | 0 | 1,144,000 | 0 | 1,147,000 | 0 | 1,150,000 | 0 | 1,153,000 | 0 | 1,156,000 | 0 | 1,159,000 | 0 | 1,162,000 | 0 | 1,165,000 | 0 | 1,168,000 | 0 | 1,171,000 | 0 | 1,174,000 | 0 | 1,177,000 | 0 | 1,180,000 | 0 | 1,183,000 | 0 | 1,186,000 | 0 | 1,189,000 | 0 | 1,192,000 | 0 | 1,195,000 | 0 | 1,198,000 | 0 | 1,201,000 | 0 | 1,204,000 | 0 | 1,207,000 | 0 | 1,210,000 | 0 | 1,213,000 | 0 | 1,216,000 | 0 | 1,219,000 | 0 | 1,222,000 | 0 | 1,225,000 | 0 | 1,228,000 | 0 | 1,231,000 | 0 | 1,234,000 | 0 | 1,237,000 | 0 | 1,240,000 | 0 | 1,243,000 | 0 | 1,246,000 | 0 | 1,249,000 | 0 | 1,252,000 | 0 | 1,255,000 | 0 | 1,258,000 | 0 | 1,261,000 | 0 | 1,264,000 | 0 | 1,267,000 | 0 | 1,270,000 | 0 | 1,273,000 | 0 | 1,276,000 | 0 | 1,279,000 | 0 | 1,282,000 | 0 | 1,285,000 | 0 | 1,288,000 | 0 | 1,291,000 | 0 | 1,294,000 | 0 | 1,297,000 | 0 | 1,300,000 | 0 | 1,303,000 | 0 | 1,306,000 | 0 | 1,309,000 | 0 | 1,312,000 | 0 | 1,315,000 | 0 | 1,318,000 | 0 | 1,321,000 | 0 | 1,324,000 | 0 | 1,327,000 | 0 | 1,330,000 | 0 | 1,333,000 | 0 | 1,336,000 | 0 | 1,339,000 | 0 | 1,342,000 | 0 | 1,345,000 | 0 | 1,348,000 | 0 | 1,351,000 | 0 | 1,354,000 | 0 | 1,357,000 | 0 | 1,360,000 | 0 | 1,363,000 | 0 | 1,366,000 | 0 | 1,369,000 | 0 | 1,372,000 | 0 | 1,375,000 | 0 | 1,378,000 | 0 | 1,381,000 | 0 | 1,384,000 | 0 | 1,387,000 | 0 | 1,390,000 | 0 | 1,393,000 | 0 | 1,396,000 | 0 | 1,399,000 | 0 | 1,402,000 | 0 | 1,405,000 | 0 | 1,408,000 | 0 | 1,411,000 | 0 | 1,414,000 | 0 | 1,417,000 | 0 | 1,420,000 | 0 | 1,423,000 | 0 | 1,426,000 | 0 | 1,429,000 | 0 | 1,432,000 | 0 | 1,435,000 | 0 | 1,438,000 | 0 | 1,441,000 | 0 | 1,444,000 | 0 | 1,447,000 | 0 | 1,450,000 | 0 | 1,453,000 | 0 | 1,456,000 | 0 | 1,459,000 | 0 | 1,462,000 | 0 | 1,465,000 | 0 | 1,468,000 | 0 | 1,471,000 | 0 | 1,474,000 | 0 | 1,477,000 | 0 | 1,480,000 | 0 | 1,483,000 | 0 | 1,486,000 | 0 | 1,489,000 | 0 | 1,492,000 | 0 | 1,495,000 | 0 | 1,498,000 | 0 | 1,501,000 | 0 | 1,504,000 | 0 | 1,507,000 | 0 | 1,510,000 | 0 | 1,513,000 | 0 | 1,516,000 | 0 | 1,519,000 | 0 | 1,522,000 | 0 | 1,525,000 | 0 | 1,528,000 | 0 | 1,531,000 | 0 | 1,534,000 | 0 | 1,537,000 | 0 | 1,540,000 | 0 | 1,543,000 | 0 | 1,546,000 | 0 | 1,549,000 | 0 | 1,552,000 | 0 | 1,555,000 | 0 | 1,558,000 | 0 | 1,561,000 | 0 | 1,564,000 | 0 | 1,567,000 | 0 | 1,570,000 | 0 | 1,573,000 | 0 | 1,576,000 | 0 | 1,579,000 | 0 | 1,582,000 | 0 | 1,585,000 | 0 | 1,588,000 | 0 | 1,591,000 | 0 | 1,594,000 | 0 | 1,597,000 | 0 | 1,600,000 | 0 | 1,603,000 | 0 | 1,606,000 | 0 | 1,609,000 | 0 | 1,612,000 | 0 | 1,615,000 | 0 | 1,618,000 | 0 | 1,621,000 | 0 | 1,624,000 | 0 | 1,627,000 | 0 | 1,630,000 | 0 | 1,633,000 | 0 | 1,636,000 | 0 | 1,639,000 | 0 | 1,642,000 | 0 | 1,645,000 | 0 | 1,648,000 | 0 | 1,651,000 | 0 | 1,654,000 | 0 | 1,657,000 | 0 | 1,660,000 | 0 | 1,663,000 | 0 | 1,666,000 | 0 | 1,669,000 | 0 | 1,672,000 | 0 | 1,675,000 | 0 | 1,678,000 | 0 | 1,681,000 | 0 | 1,684,000 | 0 | 1,687,000 | 0 | 1,690,000 | 0 | 1,693,000 | 0 | 1,696,000 | 0 | 1,699,000 | 0 | 1,702,000 | 0 | 1,705,000 | 0 | 1,708,000 | 0 | 1,711,000 | 0 | 1,714,000 | 0 | 1,717,000 | 0 | 1,720,000 | 0 | 1,723,000 | 0 | 1,726,000 | 0 | 1,729,000 | 0 | 1,732,000</ |