



# BARGE "SMI-30022"

SETTOON TOWING, LLC

OUTAGE TABLE

# SLOP TANK

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

HULL NO. 2191-2

| N   | 0 FT. | N   | 1 FT. | N   | 2 FT. | N   | 3 FT. | N   | 4 FT. | N   | 5 FT. | N   | 6 FT. | N   | 7 FT. | N   | 8 FT. | N   | 9 FT. | N   | 10 FT. | N   | 11 FT. | N   | 12 FT. | N   | 13 FT. | N   | 14 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 0     | 0   | 2,109 | 0   | 1,526 | 0   | 906   | 0   | 334   | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0      | 0   | 0      | 0   | 0      | 0   | 0      | 0   | 0      |
| 1/4 | 1/4   | 1/4 | 2,098 | 1/4 | 1,513 | 1/4 | 893   | 1/4 | 323   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 2,086 | 1/2 | 1,500 | 1/2 | 880   | 1/2 | 313   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 2,508 | 3/4 | 2,075 | 3/4 | 1,487 | 3/4 | 868   | 3/4 | 302   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 1   | 1     | 1   | 2,504 | 1   | 2,064 | 1   | 1,474 | 1   | 855   | 1   | 292   | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1      | 1   | 1      | 1   | 1      | 1   | 1      | 1   | 1      |
| 1/4 | 1/4   | 1/4 | 2,499 | 1/4 | 2,053 | 1/4 | 1,461 | 1/4 | 843   | 1/4 | 281   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,493 | 1/2 | 2,041 | 1/2 | 1,449 | 1/2 | 830   | 1/2 | 271   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,487 | 3/4 | 2,030 | 3/4 | 1,436 | 3/4 | 817   | 3/4 | 261   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 2   | 2     | 2   | 2,481 | 2   | 2,018 | 2   | 1,423 | 2   | 805   | 2   | 251   | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2      | 2   | 2      | 2   | 2      | 2   | 2      | 2   | 2      |
| 1/4 | 1/4   | 1/4 | 2,474 | 1/4 | 2,007 | 1/4 | 1,410 | 1/4 | 792   | 1/4 | 241   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,467 | 1/2 | 1,995 | 1/2 | 1,397 | 1/2 | 780   | 1/2 | 231   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,460 | 3/4 | 1,983 | 3/4 | 1,384 | 3/4 | 767   | 3/4 | 221   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 3   | 3     | 3   | 2,453 | 3   | 1,972 | 3   | 1,371 | 3   | 755   | 3   | 211   | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3      | 3   | 3      | 3   | 3      | 3   | 3      | 3   | 3      |
| 1/4 | 1/4   | 1/4 | 2,445 | 1/4 | 1,960 | 1/4 | 1,358 | 1/4 | 742   | 1/4 | 202   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,438 | 1/2 | 1,948 | 1/2 | 1,345 | 1/2 | 730   | 1/2 | 192   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,430 | 3/4 | 1,936 | 3/4 | 1,332 | 3/4 | 718   | 3/4 | 183   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 4   | 4     | 4   | 2,422 | 4   | 1,924 | 4   | 1,319 | 4   | 705   | 4   | 173   | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4      | 4   | 4      | 4   | 4      | 4   | 4      | 4   | 4      |
| 1/4 | 1/4   | 1/4 | 2,414 | 1/4 | 1,912 | 1/4 | 1,306 | 1/4 | 693   | 1/4 | 164   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,406 | 1/2 | 1,900 | 1/2 | 1,293 | 1/2 | 681   | 1/2 | 155   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,397 | 3/4 | 1,888 | 3/4 | 1,280 | 3/4 | 669   | 3/4 | 146   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 5   | 5     | 5   | 2,389 | 5   | 1,876 | 5   | 1,267 | 5   | 656   | 5   | 137   | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5      | 5   | 5      | 5   | 5      | 5   | 5      | 5   | 5      |
| 1/4 | 1/4   | 1/4 | 2,380 | 1/4 | 1,864 | 1/4 | 1,254 | 1/4 | 644   | 1/4 | 128   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,371 | 1/2 | 1,852 | 1/2 | 1,241 | 1/2 | 632   | 1/2 | 119   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,363 | 3/4 | 1,840 | 3/4 | 1,228 | 3/4 | 620   | 3/4 | 111   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 6   | 6     | 6   | 2,353 | 6   | 1,827 | 6   | 1,215 | 6   | 608   | 6   | 103   | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6      | 6   | 6      | 6   | 6      | 6   | 6      | 6   | 6      |
| 1/4 | 1/4   | 1/4 | 2,344 | 1/4 | 1,815 | 1/4 | 1,202 | 1/4 | 596   | 1/4 | 94    | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,335 | 1/2 | 1,803 | 1/2 | 1,189 | 1/2 | 584   | 1/2 | 86    | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,326 | 3/4 | 1,791 | 3/4 | 1,176 | 3/4 | 572   | 3/4 | 78    | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 7   | 7     | 7   | 2,316 | 7   | 1,778 | 7   | 1,163 | 7   | 560   | 7   | 70    | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7      | 7   | 7      | 7   | 7      | 7   | 7      | 7   | 7      |
| 1/4 | 1/4   | 1/4 | 2,307 | 1/4 | 1,766 | 1/4 | 1,150 | 1/4 | 549   | 1/4 | 63    | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,297 | 1/2 | 1,753 | 1/2 | 1,137 | 1/2 | 537   | 1/2 | 55    | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,287 | 3/4 | 1,741 | 3/4 | 1,124 | 3/4 | 525   | 3/4 | 48    | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 8   | 8     | 8   | 2,277 | 8   | 1,729 | 8   | 1,111 | 8   | 513   | 8   | 41    | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8      | 8   | 8      | 8   | 8      | 8   | 8      | 8   | 8      |
| 1/4 | 1/4   | 1/4 | 2,267 | 1/4 | 1,716 | 1/4 | 1,099 | 1/4 | 502   | 1/4 | 34    | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,257 | 1/2 | 1,704 | 1/2 | 1,086 | 1/2 | 490   | 1/2 | 28    | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,247 | 3/4 | 1,691 | 3/4 | 1,073 | 3/4 | 479   | 3/4 | 21    | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 9   | 9     | 9   | 2,237 | 9   | 1,678 | 9   | 1,060 | 9   | 467   | 9   | 15    | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9      | 9   | 9      | 9   | 9      | 9   | 9      | 9   | 9      |
| 1/4 | 1/4   | 1/4 | 2,227 | 1/4 | 1,666 | 1/4 | 1,047 | 1/4 | 456   | 1/4 | 10    | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,216 | 1/2 | 1,653 | 1/2 | 1,034 | 1/2 | 444   | 1/2 | 5     | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,206 | 3/4 | 1,641 | 3/4 | 1,021 | 3/4 | 433   | 3/4 | 0     | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 10  | 10    | 10  | 2,195 | 10  | 1,628 | 10  | 1,008 | 10  | 422   | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10     | 10  | 10     | 10  | 10     | 10  | 10     | 10  | 10     |
| 1/4 | 1/4   | 1/4 | 2,185 | 1/4 | 1,615 | 1/4 | 995   | 1/4 | 411   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,174 | 1/2 | 1,602 | 1/2 | 983   | 1/2 | 400   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,163 | 3/4 | 1,590 | 3/4 | 970   | 3/4 | 388   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 11  | 11    | 11  | 2,153 | 11  | 1,577 | 11  | 957   | 11  | 377   | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11     | 11  | 11     | 11  | 11     | 11  | 11     | 11  | 11     |
| 1/4 | 1/4   | 1/4 | 2,142 | 1/4 | 1,564 | 1/4 | 944   | 1/4 | 366   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1/2   | 1/2 | 2,131 | 1/2 | 1,551 | 1/2 | 931   | 1/2 | 356   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 3/4   | 3/4 | 2,120 | 3/4 | 1,539 | 3/4 | 919   | 3/4 | 345   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 6/11/11

NOTE: TABLE SCALED FROM EXTREME BOTTOM OF TANK.

REFERENCE GAUGE HEIGHT : 5'-9 3/4" (TO RIM OF 2" DIA. BALL VALVE)

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



# BARGE "SMI-30022"

SETTOON TOWING, LLC

## INNAGE TABLE

# SLOP TANK

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

HULL NO. 2191-2

| N   | 0 FT. | N   | 1 FT. | N   | 2 FT. | N   | 3 FT. | N   | 4 FT. | N   | 5 FT. | N   | 6 FT. | N   | 7 FT. | N   | 8 FT. | N   | 9 FT. | N   | 10 FT. | N   | 11 FT. | N   | 12 FT. | N   | 13 FT. | N   | 14 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 0     | 0   | 433   | 0   | 1,021 | 0   | 1,641 | 0   | 2,206 | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 5     | 1/4 | 444   | 1/4 | 1,034 | 1/4 | 1,653 | 1/4 | 2,216 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 10    | 1/2 | 456   | 1/2 | 1,047 | 1/2 | 1,666 | 1/2 | 2,227 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 15    | 3/4 | 467   | 3/4 | 1,060 | 3/4 | 1,678 | 3/4 | 2,237 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 21    | 1   | 479   | 1   | 1,073 | 1   | 1,691 | 1   | 2,247 | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 28    | 1/4 | 490   | 1/4 | 1,086 | 1/4 | 1,704 | 1/4 | 2,257 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 34    | 1/2 | 502   | 1/2 | 1,099 | 1/2 | 1,716 | 1/2 | 2,267 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 41    | 3/4 | 513   | 3/4 | 1,111 | 3/4 | 1,729 | 3/4 | 2,277 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 48    | 2   | 525   | 2   | 1,124 | 2   | 1,741 | 2   | 2,287 | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 55    | 1/4 | 537   | 1/4 | 1,137 | 1/4 | 1,753 | 1/4 | 2,297 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 63    | 1/2 | 549   | 1/2 | 1,150 | 1/2 | 1,766 | 1/2 | 2,307 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 70    | 3/4 | 560   | 3/4 | 1,163 | 3/4 | 1,778 | 3/4 | 2,316 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 78    | 3   | 572   | 3   | 1,176 | 3   | 1,791 | 3   | 2,326 | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 86    | 1/4 | 584   | 1/4 | 1,189 | 1/4 | 1,803 | 1/4 | 2,335 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 94    | 1/2 | 596   | 1/2 | 1,202 | 1/2 | 1,815 | 1/2 | 2,344 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 103   | 3/4 | 608   | 3/4 | 1,215 | 3/4 | 1,827 | 3/4 | 2,353 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 111   | 4   | 620   | 4   | 1,228 | 4   | 1,840 | 4   | 2,363 | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 119   | 1/4 | 632   | 1/4 | 1,241 | 1/4 | 1,852 | 1/4 | 2,371 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 128   | 1/2 | 644   | 1/2 | 1,254 | 1/2 | 1,864 | 1/2 | 2,380 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 137   | 3/4 | 656   | 3/4 | 1,267 | 3/4 | 1,876 | 3/4 | 2,389 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 146   | 5   | 669   | 5   | 1,280 | 5   | 1,888 | 5   | 2,397 | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 155   | 1/4 | 681   | 1/4 | 1,293 | 1/4 | 1,900 | 1/4 | 2,406 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 164   | 1/2 | 693   | 1/2 | 1,306 | 1/2 | 1,912 | 1/2 | 2,414 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 173   | 3/4 | 705   | 3/4 | 1,319 | 3/4 | 1,924 | 3/4 | 2,422 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 183   | 6   | 718   | 6   | 1,332 | 6   | 1,936 | 6   | 2,430 | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 192   | 1/4 | 730   | 1/4 | 1,345 | 1/4 | 1,948 | 1/4 | 2,438 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 202   | 1/2 | 742   | 1/2 | 1,358 | 1/2 | 1,960 | 1/2 | 2,446 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 211   | 3/4 | 755   | 3/4 | 1,371 | 3/4 | 1,972 | 3/4 | 2,453 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 221   | 7   | 767   | 7   | 1,384 | 7   | 1,983 | 7   | 2,460 | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 231   | 1/4 | 780   | 1/4 | 1,397 | 1/4 | 1,995 | 1/4 | 2,467 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 241   | 1/2 | 792   | 1/2 | 1,410 | 1/2 | 2,007 | 1/2 | 2,474 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 251   | 3/4 | 805   | 3/4 | 1,423 | 3/4 | 2,018 | 3/4 | 2,481 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 261   | 8   | 817   | 8   | 1,436 | 8   | 2,030 | 8   | 2,487 | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 271   | 1/4 | 830   | 1/4 | 1,449 | 1/4 | 2,041 | 1/4 | 2,493 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 281   | 1/2 | 843   | 1/2 | 1,461 | 1/2 | 2,053 | 1/2 | 2,499 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 292   | 3/4 | 855   | 3/4 | 1,474 | 3/4 | 2,064 | 3/4 | 2,504 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 302   | 9   | 868   | 9   | 1,487 | 9   | 2,075 | 9   | 2,508 | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 313   | 1/4 | 880   | 1/4 | 1,500 | 1/4 | 2,086 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 323   | 1/2 | 893   | 1/2 | 1,513 | 1/2 | 2,098 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 334   | 3/4 | 906   | 3/4 | 1,526 | 3/4 | 2,109 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 345   | 10  | 919   | 10  | 1,539 | 10  | 2,120 | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 356   | 1/4 | 931   | 1/4 | 1,551 | 1/4 | 2,131 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 366   | 1/2 | 944   | 1/2 | 1,564 | 1/2 | 2,142 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 377   | 3/4 | 957   | 3/4 | 1,577 | 3/4 | 2,153 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 388   | 11  | 970   | 11  | 1,590 | 11  | 2,163 | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 400   | 1/4 | 983   | 1/4 | 1,602 | 1/4 | 2,174 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 411   | 1/2 | 995   | 1/2 | 1,615 | 1/2 | 2,185 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 422   | 3/4 | 1,008 | 3/4 | 1,628 | 3/4 | 2,195 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 5/11/11

NOTE: TABLE SCALED FROM EXTREME BOTTOM OF TANK.

REFERENCE GAUGE HEIGHT : 5'-9 3/4" (TO RIM OF 2" DIA. BALL VALVE)

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



# BARGE "SMI-30022"

SETTOON TOWING, LLC

FUEL OIL

## INNAGE TABLE

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

HULL NO. 2191-2

| N   | 0 FT. | N   | 1 FT. | N   | 2 FT. | N   | 3 FT. | N   | 4 FT. | N   | 5 FT. | N   | 6 FT. | N   | 7 FT. | N   | 8 FT. | N   | 9 FT. | N   | 10 FT. | N   | 11 FT. | N   | 12 FT. | N   | 13 FT. | N   | 14 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 0     | 0   | 101   | 0   | 259   | 0   | 416   | 0   | 517   | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 0     | 1/4 | 104   | 1/4 | 262   | 1/4 | 419   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1     | 1/2 | 107   | 1/2 | 265   | 1/2 | 422   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2     | 3/4 | 110   | 3/4 | 269   | 3/4 | 425   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 3     | 1   | 113   | 1   | 272   | 1   | 428   | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 4     | 1/4 | 116   | 1/4 | 276   | 1/4 | 431   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 5     | 1/2 | 119   | 1/2 | 279   | 1/2 | 433   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 6     | 3/4 | 122   | 3/4 | 282   | 3/4 | 436   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 7     | 2   | 125   | 2   | 288   | 2   | 439   | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 9     | 1/4 | 129   | 1/4 | 289   | 1/4 | 442   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 10    | 1/2 | 132   | 1/2 | 293   | 1/2 | 444   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 12    | 3/4 | 135   | 3/4 | 296   | 3/4 | 447   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 13    | 3   | 138   | 3   | 300   | 3   | 450   | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 15    | 1/4 | 141   | 1/4 | 303   | 1/4 | 453   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 17    | 1/2 | 144   | 1/2 | 306   | 1/2 | 455   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 19    | 3/4 | 148   | 3/4 | 310   | 3/4 | 458   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 21    | 4   | 151   | 4   | 313   | 4   | 460   | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 22    | 1/4 | 154   | 1/4 | 316   | 1/4 | 463   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 24    | 1/2 | 157   | 1/2 | 320   | 1/2 | 465   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 26    | 3/4 | 161   | 3/4 | 323   | 3/4 | 468   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 29    | 5   | 164   | 5   | 327   | 5   | 470   | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 31    | 1/4 | 167   | 1/4 | 330   | 1/4 | 473   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 33    | 1/2 | 170   | 1/2 | 333   | 1/2 | 475   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 35    | 3/4 | 174   | 3/4 | 337   | 3/4 | 477   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 37    | 6   | 177   | 6   | 340   | 6   | 480   | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 40    | 1/4 | 180   | 1/4 | 343   | 1/4 | 482   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 42    | 1/2 | 184   | 1/2 | 347   | 1/2 | 484   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 44    | 3/4 | 187   | 3/4 | 350   | 3/4 | 486   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 47    | 7   | 190   | 7   | 353   | 7   | 488   | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 49    | 1/4 | 194   | 1/4 | 356   | 1/4 | 491   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 52    | 1/2 | 197   | 1/2 | 360   | 1/2 | 493   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 54    | 3/4 | 201   | 3/4 | 363   | 3/4 | 495   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 57    | 8   | 204   | 8   | 366   | 8   | 496   | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 59    | 1/4 | 207   | 1/4 | 369   | 1/4 | 498   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 62    | 1/2 | 211   | 1/2 | 373   | 1/2 | 500   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 64    | 3/4 | 214   | 3/4 | 376   | 3/4 | 502   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 67    | 9   | 217   | 9   | 379   | 9   | 504   | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 70    | 1/4 | 221   | 1/4 | 382   | 1/4 | 505   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 73    | 1/2 | 224   | 1/2 | 385   | 1/2 | 507   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 75    | 3/4 | 228   | 3/4 | 388   | 3/4 | 508   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 78    | 10  | 231   | 10  | 392   | 10  | 510   | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 81    | 1/4 | 235   | 1/4 | 395   | 1/4 | 511   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 84    | 1/2 | 238   | 1/2 | 398   | 1/2 | 512   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 86    | 3/4 | 241   | 3/4 | 401   | 3/4 | 513   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 89    | 11  | 245   | 11  | 404   | 11  | 514   | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 92    | 1/4 | 248   | 1/4 | 407   | 1/4 | 516   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 95    | 1/2 | 252   | 1/2 | 410   | 1/2 | 516   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 98    | 3/4 | 255   | 3/4 | 413   | 3/4 | 517   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CAPACITIES GIVEN IN U.S. GALLONS

STRAPPED: 6/11/11

NOTE: TABLE SCALED FROM EXTREME BOTTOM OF TANK

REFERENCE GAUGE HEIGHT : 4'-5 1/2" (TO RIM OF 2" DIA. STANDPIPE)

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



**Barge "SMI-30022"**  
**Settoon Towing, LLC**  
**INNAGE TABLE**

**TANK NO.**  
**1 PORT or STAR**

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

**HULL NO. 2191-2**

| N   | 0 FT.   | N   | 1 FT.  | N   | 2 FT.  | N   | 3 FT.    | N   | 4 FT.    | N   | 5 FT.    | N   | 6 FT.    | N   | 7 FT.    | N   | 8 FT.    | N   | 9 FT.    | N   | 10 FT.   | N   | 11 FT.   | N   | 12 FT.   | N   | 13 FT.   | N   | 14 FT.   |
|-----|---------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | * 15.36 | 0   | 326.19 | 0   | 679.92 | 0   | 1,037.95 | 0   | 1,395.98 | 0   | 1,754.02 | 0   | 2,112.05 | 0   | 2,470.08 | 0   | 2,828.11 | 0   | 3,186.14 | 0   | 3,544.18 | 0   | 3,902.21 | 0   | 4,260.24 | 0   | 4,618.27 | 0   | 4,976.30 |
| 1/4 | 19.57   | 1/4 | 333.35 | 1/4 | 687.38 | 1/4 | 1,045.41 | 1/4 | 1,403.44 | 1/4 | 1,761.48 | 1/4 | 2,119.51 | 1/4 | 2,477.54 | 1/4 | 2,835.57 | 1/4 | 3,193.60 | 1/4 | 3,551.63 | 1/4 | 3,909.67 | 1/4 | 4,267.70 | 1/4 | 4,625.73 | 1/4 | 4,983.76 |
| 1/2 | 23.78   | 1/2 | 340.50 | 1/2 | 694.84 | 1/2 | 1,052.87 | 1/2 | 1,410.90 | 1/2 | 1,768.93 | 1/2 | 2,126.97 | 1/2 | 2,485.00 | 1/2 | 2,843.03 | 1/2 | 3,201.06 | 1/2 | 3,559.09 | 1/2 | 3,917.13 | 1/2 | 4,275.16 | 1/2 | 4,633.19 | 1/2 | 4,991.22 |
| 3/4 | 27.99   | 3/4 | 347.66 | 3/4 | 702.30 | 3/4 | 1,060.33 | 3/4 | 1,418.36 | 3/4 | 1,776.39 | 3/4 | 2,134.43 | 3/4 | 2,492.46 | 3/4 | 2,850.49 | 3/4 | 3,208.52 | 3/4 | 3,566.55 | 3/4 | 3,924.58 | 3/4 | 4,282.62 | 3/4 | 4,640.65 | 3/4 | 4,998.68 |
| 1   | 32.20   | 1   | 354.81 | 1   | 709.78 | 1   | 1,067.79 | 1   | 1,425.82 | 1   | 1,783.85 | 1   | 2,141.88 | 1   | 2,499.92 | 1   | 2,857.95 | 1   | 3,215.98 | 1   | 3,574.01 | 1   | 3,932.04 | 1   | 4,290.08 | 1   | 4,648.11 | 1   | 5,006.14 |
| 1/4 | 37.88   | 1/4 | 361.97 | 1/4 | 717.21 | 1/4 | 1,075.25 | 1/4 | 1,433.28 | 1/4 | 1,791.31 | 1/4 | 2,149.34 | 1/4 | 2,507.37 | 1/4 | 2,865.41 | 1/4 | 3,223.44 | 1/4 | 3,581.47 | 1/4 | 3,939.50 | 1/4 | 4,297.53 | 1/4 | 4,655.57 | 1/4 | 5,012.98 |
| 1/2 | 43.55   | 1/2 | 369.12 | 1/2 | 724.67 | 1/2 | 1,082.71 | 1/2 | 1,440.74 | 1/2 | 1,798.77 | 1/2 | 2,156.80 | 1/2 | 2,514.83 | 1/2 | 2,872.87 | 1/2 | 3,230.90 | 1/2 | 3,588.93 | 1/2 | 3,946.96 | 1/2 | 4,304.99 | 1/2 | 4,663.03 | 1/2 | 5,019.83 |
| 3/4 | 49.23   | 3/4 | 376.28 | 3/4 | 732.13 | 3/4 | 1,090.17 | 3/4 | 1,448.20 | 3/4 | 1,806.23 | 3/4 | 2,164.26 | 3/4 | 2,522.29 | 3/4 | 2,880.32 | 3/4 | 3,238.36 | 3/4 | 3,596.39 | 3/4 | 3,954.42 | 3/4 | 4,312.45 | 3/4 | 4,670.48 | 3/4 | 5,026.67 |
| 2   | 54.90   | 2   | 383.43 | 2   | 739.59 | 2   | 1,097.62 | 2   | 1,455.66 | 2   | 1,813.69 | 2   | 2,171.72 | 2   | 2,529.75 | 2   | 2,887.78 | 2   | 3,245.82 | 2   | 3,603.85 | 2   | 3,961.88 | 2   | 4,319.91 | 2   | 4,677.94 | 2   | 5,033.52 |
| 1/4 | 61.44   | 1/4 | 390.71 | 1/4 | 747.05 | 1/4 | 1,105.08 | 1/4 | 1,463.12 | 1/4 | 1,821.15 | 1/4 | 2,179.18 | 1/4 | 2,537.21 | 1/4 | 2,895.24 | 1/4 | 3,253.27 | 1/4 | 3,611.31 | 1/4 | 3,969.34 | 1/4 | 4,327.37 | 1/4 | 4,685.40 | 1/4 | 5,039.12 |
| 1/2 | 67.97   | 1/2 | 397.99 | 1/2 | 754.51 | 1/2 | 1,112.54 | 1/2 | 1,470.57 | 1/2 | 1,828.61 | 1/2 | 2,186.64 | 1/2 | 2,544.67 | 1/2 | 2,902.70 | 1/2 | 3,260.73 | 1/2 | 3,618.77 | 1/2 | 3,976.80 | 1/2 | 4,334.83 | 1/2 | 4,692.86 | 1/2 | 5,044.72 |
| 3/4 | 74.50   | 3/4 | 405.27 | 3/4 | 761.97 | 3/4 | 1,120.00 | 3/4 | 1,478.03 | 3/4 | 1,836.07 | 3/4 | 2,194.10 | 3/4 | 2,552.13 | 3/4 | 2,910.16 | 3/4 | 3,268.19 | 3/4 | 3,626.22 | 3/4 | 3,984.26 | 3/4 | 4,342.29 | 3/4 | 4,700.32 | 3/4 | 5,050.32 |
| 3   | 81.04   | 3   | 412.55 | 3   | 769.43 | 3   | 1,127.46 | 3   | 1,485.49 | 3   | 1,843.52 | 3   | 2,201.56 | 3   | 2,559.59 | 3   | 2,917.62 | 3   | 3,275.65 | 3   | 3,633.68 | 3   | 3,991.72 | 3   | 4,349.75 | 3   | 4,707.78 | 3   | 5,055.92 |
| 1/4 | 87.57   | 1/4 | 419.83 | 1/4 | 776.89 | 1/4 | 1,134.92 | 1/4 | 1,492.95 | 1/4 | 1,850.98 | 1/4 | 2,209.02 | 1/4 | 2,567.05 | 1/4 | 2,925.08 | 1/4 | 3,283.11 | 1/4 | 3,641.14 | 1/4 | 3,999.17 | 1/4 | 4,357.21 | 1/4 | 4,715.24 | 1/4 | 5,060.27 |
| 1/2 | 94.10   | 1/2 | 427.11 | 1/2 | 784.35 | 1/2 | 1,142.38 | 1/2 | 1,500.41 | 1/2 | 1,858.44 | 1/2 | 2,216.47 | 1/2 | 2,574.51 | 1/2 | 2,932.54 | 1/2 | 3,290.57 | 1/2 | 3,648.60 | 1/2 | 4,006.63 | 1/2 | 4,364.67 | 1/2 | 4,722.70 | 1/2 | 5,064.63 |
| 3/4 | 100.64  | 3/4 | 434.39 | 3/4 | 791.80 | 3/4 | 1,149.84 | 3/4 | 1,507.87 | 3/4 | 1,865.90 | 3/4 | 2,223.93 | 3/4 | 2,581.96 | 3/4 | 2,940.00 | 3/4 | 3,298.03 | 3/4 | 3,656.06 | 3/4 | 4,014.09 | 3/4 | 4,372.12 | 3/4 | 4,730.16 | 3/4 | 5,068.98 |
| 4   | 107.17  | 4   | 441.67 | 4   | 799.26 | 4   | 1,157.30 | 4   | 1,515.33 | 4   | 1,873.36 | 4   | 2,231.39 | 4   | 2,589.42 | 4   | 2,947.46 | 4   | 3,305.49 | 4   | 3,663.52 | 4   | 4,021.55 | 4   | 4,379.58 | 4   | 4,737.62 | 4   | 5,073.34 |
| 1/4 | 113.83  | 1/4 | 449.08 | 1/4 | 806.72 | 1/4 | 1,164.76 | 1/4 | 1,522.79 | 1/4 | 1,880.82 | 1/4 | 2,238.85 | 1/4 | 2,596.88 | 1/4 | 2,954.91 | 1/4 | 3,312.95 | 1/4 | 3,670.98 | 1/4 | 4,029.01 | 1/4 | 4,387.04 | 1/4 | 4,745.07 | 1/4 | 5,076.46 |
| 1/2 | 120.48  | 1/2 | 456.48 | 1/2 | 814.18 | 1/2 | 1,172.21 | 1/2 | 1,530.25 | 1/2 | 1,888.28 | 1/2 | 2,246.31 | 1/2 | 2,604.34 | 1/2 | 2,962.37 | 1/2 | 3,320.41 | 1/2 | 3,678.44 | 1/2 | 4,036.47 | 1/2 | 4,394.50 | 1/2 | 4,752.53 | 1/2 | 5,079.56 |
| 3/4 | 127.14  | 3/4 | 463.88 | 3/4 | 821.64 | 3/4 | 1,179.67 | 3/4 | 1,537.71 | 3/4 | 1,895.74 | 3/4 | 2,253.77 | 3/4 | 2,611.80 | 3/4 | 2,969.83 | 3/4 | 3,327.86 | 3/4 | 3,685.90 | 3/4 | 4,043.93 | 3/4 | 4,401.96 | 3/4 | 4,759.99 | 3/4 | 5,082.67 |
| 5   | 133.80  | 5   | 471.29 | 5   | 829.10 | 5   | 1,187.13 | 5   | 1,545.16 | 5   | 1,903.20 | 5   | 2,261.23 | 5   | 2,619.26 | 5   | 2,977.29 | 5   | 3,335.32 | 5   | 3,693.36 | 5   | 4,051.39 | 5   | 4,409.42 | 5   | 4,767.45 | 5   | 5,085.78 |
| 1/4 | 140.46  | 1/4 | 478.69 | 1/4 | 836.56 | 1/4 | 1,194.59 | 1/4 | 1,552.62 | 1/4 | 1,910.66 | 1/4 | 2,268.69 | 1/4 | 2,626.72 | 1/4 | 2,984.75 | 1/4 | 3,342.78 | 1/4 | 3,700.81 | 1/4 | 4,058.85 | 1/4 | 4,416.88 | 1/4 | 4,774.91 | 1/4 | 5,087.65 |
| 1/2 | 147.12  | 1/2 | 486.10 | 1/2 | 844.02 | 1/2 | 1,202.05 | 1/2 | 1,560.08 | 1/2 | 1,918.11 | 1/2 | 2,276.15 | 1/2 | 2,634.18 | 1/2 | 2,992.21 | 1/2 | 3,350.24 | 1/2 | 3,708.27 | 1/2 | 4,066.31 | 1/2 | 4,424.34 | 1/2 | 4,782.37 | 1/2 | 5,089.52 |
| 3/4 | 153.77  | 3/4 | 493.50 | 3/4 | 851.48 | 3/4 | 1,209.51 | 3/4 | 1,567.54 | 3/4 | 1,925.57 | 3/4 | 2,283.61 | 3/4 | 2,641.64 | 3/4 | 2,999.67 | 3/4 | 3,357.70 | 3/4 | 3,715.73 | 3/4 | 4,073.76 | 3/4 | 4,431.80 | 3/4 | 4,789.83 | 3/4 | 5,091.38 |
| 6   | 160.43  | 6   | 500.90 | 6   | 858.94 | 6   | 1,216.97 | 6   | 1,575.00 | 6   | 1,933.03 | 6   | 2,291.06 | 6   | 2,649.10 | 6   | 3,007.13 | 6   | 3,365.16 | 6   | 3,723.19 | 6   | 4,081.22 | 6   | 4,439.26 | 6   | 4,797.29 | 6   | 5,093.25 |
| 1/4 | 167.21  | 1/4 | 508.36 | 1/4 | 866.39 | 1/4 | 1,224.43 | 1/4 | 1,582.46 | 1/4 | 1,940.49 | 1/4 | 2,298.52 | 1/4 | 2,656.55 | 1/4 | 3,014.59 | 1/4 | 3,372.62 | 1/4 | 3,730.65 | 1/4 | 4,088.68 | 1/4 | 4,446.71 | 1/4 | 4,804.75 | 1/4 | 5,093.87 |
| 1/2 | 174.00  | 1/2 | 515.82 | 1/2 | 873.85 | 1/2 | 1,231.89 | 1/2 | 1,589.92 | 1/2 | 1,947.95 | 1/2 | 2,305.98 | 1/2 | 2,664.01 | 1/2 | 3,022.05 | 1/2 | 3,380.08 | 1/2 | 3,738.11 | 1/2 | 4,096.14 | 1/2 | 4,454.17 | 1/2 | 4,812.21 | 1/2 | 5,094.50 |
| 3/4 | 180.78  | 3/4 | 523.28 | 3/4 | 881.31 | 3/4 | 1,239.35 | 3/4 | 1,597.38 | 3/4 | 1,955.41 | 3/4 | 2,313.44 | 3/4 | 2,671.47 | 3/4 | 3,029.50 | 3/4 | 3,387.54 | 3/4 | 3,745.57 | 3/4 | 4,103.60 | 3/4 | 4,461.63 | 3/4 | 4,819.66 | 3/4 | 5,095.12 |
| 7   | 187.56  | 7   | 530.74 | 7   | 888.77 | 7   | 1,246.80 | 7   | 1,604.84 | 7   | 1,962.87 | 7   | 2,320.90 | 7   | 2,678.93 | 7   | 3,036.96 | 7   | 3,395.00 | 7   | 3,753.03 | 7   | 4,111.06 | 7   | 4,469.09 | 7   | 4,827.12 | 7   | 5,095.74 |
| 1/4 | 194.34  | 1/4 | 538.20 | 1/4 | 896.23 | 1/4 | 1,254.26 | 1/4 | 1,612.30 | 1/4 | 1,970.33 | 1/4 | 2,328.36 | 1/4 | 2,686.39 | 1/4 | 3,044.42 | 1/4 | 3,402.45 | 1/4 | 3,760.49 | 1/4 | 4,118.52 | 1/4 | 4,476.55 | 1/4 | 4,834.58 | 1/4 | 5,096.38 |
| 1/2 | 201.12  | 1/2 | 545.66 | 1/2 | 903.69 | 1/2 | 1,261.72 | 1/2 | 1,619.75 | 1/2 | 1,977.79 | 1/2 | 2,335.82 | 1/2 | 2,693.85 | 1/2 | 3,051.88 | 1/2 | 3,409.91 | 1/2 | 3,767.95 | 1/2 | 4,125.98 | 1/2 | 4,484.01 | 1/2 | 4,842.04 | 1/2 | 5,097.01 |
| 3/4 | 207.91  | 3/4 | 553.12 | 3/4 | 911.15 | 3/4 | 1,269.18 | 3/4 | 1,627.21 | 3/4 | 1,985.25 | 3/4 | 2,343.28 | 3/4 | 2,701.31 | 3/4 | 3,059.34 | 3/4 | 3,417.37 | 3/4 | 3,775.40 | 3/4 | 4,133.44 | 3/4 | 4,491.47 | 3/4 | 4,849.50 | 3/4 | 5,097.60 |
| 8   | 214.69  | 8   | 560.58 | 8   | 918.61 | 8   | 1,276.64 | 8   | 1,634.67 | 8   | 1,992.70 | 8   | 2,350.74 | 8   | 2,708.77 | 8   | 3,066.80 | 8   | 3,424.83 | 8   | 3,782.86 | 8   | 4,140.90 | 8   | 4,498.93 | 8   | 4,856.96 | 8   | 5,098.18 |
| 1/4 | 221.50  | 1/4 | 568.03 | 1/4 | 926.07 | 1/4 | 1,284.10 | 1/4 | 1,642.13 | 1/4 | 2,000.16 | 1/4 | 2,358.20 | 1/4 | 2,716.23 | 1/4 | 3,074.26 | 1/4 | 3,432.29 | 1/4 | 3,790.32 | 1/4 | 4,148.35 | 1/4 | 4,506.39 | 1/4 | 4,864.42 | 1/4 | 5,098.77 |
| 1/2 | 228.50  | 1/2 | 575.49 | 1/2 | 933.53 | 1/2 | 1,291.56 | 1/2 | 1,649.59 | 1/2 | 2,007.62 | 1/2 | 2,365.65 | 1/2 | 2,723.69 | 1/2 | 3,081.72 | 1/2 | 3,439.75 | 1/2 | 3,797.78 | 1/2 | 4,155.81 | 1/2 | 4,513.85 | 1/2 | 4,871.88 | 1/2 | 5,099.36 |
| 3/4 | 235.41  | 3/4 | 582.95 | 3/4 | 940.98 | 3/4 | 1,299.02 | 3/4 | 1,657.05 | 3/4 | 2,015.08 | 3/4 | 2,373.11 | 3/4 | 2,731.14 | 3/4 | 3,089.18 | 3/4 | 3,447.21 | 3/4 | 3,805.24 | 3/4 | 4,163.27 | 3/4 | 4,521.30 | 3/4 | 4,879.34 | 3/4 | 5,100.00 |
| 9   | 242.32  | 9   | 590.41 | 9   | 948.44 | 9   | 1,306.48 | 9   | 1,664.51 | 9   | 2,022.54 | 9   | 2,380.57 | 9   | 2,738.60 | 9   | 3,096.64 | 9   | 3,454.67 | 9   | 3,812.70 | 9   | 4,170.73 | 9   | 4,528.76 | 9   | 4,886.80 | 9   | 5,100.60 |
| 1/4 | 249.22  | 1/4 | 597.87 | 1/4 | 955.90 | 1/4 | 1,313.94 | 1/4 | 1,671.97 | 1/4 | 2,030.00 | 1/4 | 2,388.03 | 1/4 | 2,746.06 | 1/4 | 3,104.09 | 1/4 | 3,462.13 | 1/4 | 3,820.16 | 1/4 | 4,178.19 | 1/4 | 4,536.22 | 1/4 | 4,894.25 | 1/4 | 5,101.20 |
| 1/2 | 256.13  | 1/2 | 605.33 | 1/2 | 9      |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |



## Barge "SMI-30022" Settoon Towing, LLC INNAGE TABLE

**TANK NO.**  
**2 PORT or STAR**

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

**HULL NO. 2191-2**

| 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     |         | N     |        | N     |        | N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N      |          | N      |          | N      |          | N      |          | N      |          | N   |          |
| 0     | * 15.27 | 0     | 359.80 | 0     | 719.27 | 0     | 1,078.74 | 0     | 1,438.22 | 0     | 1,797.69 | 0     | 2,157.16 | 0     | 2,516.63 | 0     | 2,876.10 | 0     | 3,235.58 | 0      | 3,595.05 | 0      | 3,954.52 | 0      | 4,313.99 | 0      | 4,673.46 | 0      | 5,032.94 | 0   | 5,392.41 |
| 1/4   | 19.96   | 1/4   | 367.29 | 1/4   | 726.76 | 1/4   | 1,086.23 | 1/4   | 1,445.71 | 1/4   | 1,805.18 | 1/4   | 2,164.65 | 1/4   | 2,524.12 | 1/4   | 2,883.59 | 1/4   | 3,243.07 | 1/4    | 3,602.54 | 1/4    | 3,962.01 | 1/4    | 4,321.48 | 1/4    | 4,680.95 | 1/4    | 5,040.42 | 1/4 | 5,400.00 |
| 1/2   | 24.84   | 1/2   | 374.78 | 1/2   | 734.25 | 1/2   | 1,093.72 | 1/2   | 1,453.19 | 1/2   | 1,812.67 | 1/2   | 2,172.14 | 1/2   | 2,531.61 | 1/2   | 2,891.08 | 1/2   | 3,250.55 | 1/2    | 3,610.03 | 1/2    | 3,969.50 | 1/2    | 4,328.97 | 1/2    | 4,688.44 | 1/2    | 5,047.91 | 1/2 | 5,407.38 |
| 3/4   | 29.32   | 3/4   | 382.27 | 3/4   | 741.74 | 3/4   | 1,101.21 | 3/4   | 1,460.68 | 3/4   | 1,820.16 | 3/4   | 2,179.63 | 3/4   | 2,539.10 | 3/4   | 2,898.57 | 3/4   | 3,258.04 | 3/4    | 3,617.52 | 3/4    | 3,976.99 | 3/4    | 4,336.46 | 3/4    | 4,695.93 | 3/4    | 5,055.40 | 3/4 | 5,414.87 |
| 1     | 34.01   | 1     | 389.76 | 1     | 749.23 | 1     | 1,108.70 | 1     | 1,468.17 | 1     | 1,827.64 | 1     | 2,187.12 | 1     | 2,546.59 | 1     | 2,906.06 | 1     | 3,265.53 | 1      | 3,625.00 | 1      | 3,984.48 | 1      | 4,343.95 | 1      | 4,703.42 | 1      | 5,062.89 | 1   | 5,422.36 |
| 1/4   | 40.57   | 1/4   | 397.25 | 1/4   | 756.72 | 1/4   | 1,116.19 | 1/4   | 1,475.66 | 1/4   | 1,835.13 | 1/4   | 2,194.61 | 1/4   | 2,554.08 | 1/4   | 2,913.55 | 1/4   | 3,273.02 | 1/4    | 3,632.49 | 1/4    | 3,991.97 | 1/4    | 4,351.44 | 1/4    | 4,710.91 | 1/4    | 5,070.38 | 1/4 | 5,429.85 |
| 1/2   | 47.12   | 1/2   | 404.73 | 1/2   | 764.21 | 1/2   | 1,123.68 | 1/2   | 1,483.15 | 1/2   | 1,842.62 | 1/2   | 2,202.09 | 1/2   | 2,561.57 | 1/2   | 2,921.04 | 1/2   | 3,280.51 | 1/2    | 3,639.98 | 1/2    | 3,999.45 | 1/2    | 4,358.93 | 1/2    | 4,718.40 | 1/2    | 5,077.87 | 1/2 | 5,437.34 |
| 3/4   | 53.68   | 3/4   | 412.22 | 3/4   | 771.70 | 3/4   | 1,131.17 | 3/4   | 1,490.64 | 3/4   | 1,850.11 | 3/4   | 2,209.58 | 3/4   | 2,569.06 | 3/4   | 2,928.53 | 3/4   | 3,288.00 | 3/4    | 3,647.47 | 3/4    | 4,006.94 | 3/4    | 4,366.42 | 3/4    | 4,725.89 | 3/4    | 5,085.36 | 3/4 | 5,444.83 |
| 2     | 60.24   | 2     | 419.71 | 2     | 779.18 | 2     | 1,138.66 | 2     | 1,498.13 | 2     | 1,857.60 | 2     | 2,217.07 | 2     | 2,576.54 | 2     | 2,936.02 | 2     | 3,295.49 | 2      | 3,654.96 | 2      | 4,014.43 | 2      | 4,373.90 | 2      | 4,733.38 | 2      | 5,092.85 | 2   | 5,452.32 |
| 1/4   | 67.73   | 1/4   | 427.20 | 1/4   | 786.67 | 1/4   | 1,146.15 | 1/4   | 1,505.62 | 1/4   | 1,865.09 | 1/4   | 2,224.56 | 1/4   | 2,584.03 | 1/4   | 2,943.51 | 1/4   | 3,302.98 | 1/4    | 3,662.45 | 1/4    | 4,021.92 | 1/4    | 4,381.39 | 1/4    | 4,740.86 | 1/4    | 5,100.33 | 1/4 | 5,459.80 |
| 1/2   | 75.22   | 1/2   | 434.69 | 1/2   | 794.16 | 1/2   | 1,153.63 | 1/2   | 1,513.11 | 1/2   | 1,872.58 | 1/2   | 2,232.05 | 1/2   | 2,591.52 | 1/2   | 2,950.99 | 1/2   | 3,310.47 | 1/2    | 3,669.94 | 1/2    | 4,029.41 | 1/2    | 4,388.88 | 1/2    | 4,748.35 | 1/2    | 5,107.82 | 1/2 | 5,467.29 |
| 3/4   | 82.71   | 3/4   | 442.18 | 3/4   | 801.65 | 3/4   | 1,161.12 | 3/4   | 1,520.60 | 3/4   | 1,880.07 | 3/4   | 2,239.54 | 3/4   | 2,599.01 | 3/4   | 2,958.48 | 3/4   | 3,317.96 | 3/4    | 3,677.43 | 3/4    | 4,036.90 | 3/4    | 4,396.37 | 3/4    | 4,755.84 | 3/4    | 5,115.31 | 3/4 | 5,474.78 |
| 3     | 90.20   | 3     | 449.67 | 3     | 809.14 | 3     | 1,168.61 | 3     | 1,528.08 | 3     | 1,887.56 | 3     | 2,247.03 | 3     | 2,606.50 | 3     | 2,965.97 | 3     | 3,325.44 | 3      | 3,684.92 | 3      | 4,044.39 | 3      | 4,403.86 | 3      | 4,763.33 | 3      | 5,122.80 | 3   | 5,481.77 |
| 1/4   | 97.69   | 1/4   | 457.16 | 1/4   | 816.63 | 1/4   | 1,176.10 | 1/4   | 1,535.57 | 1/4   | 1,895.05 | 1/4   | 2,254.52 | 1/4   | 2,613.99 | 1/4   | 2,973.46 | 1/4   | 3,332.93 | 1/4    | 3,692.41 | 1/4    | 4,051.88 | 1/4    | 4,411.35 | 1/4    | 4,770.82 | 1/4    | 5,129.79 | 1/4 | 5,488.76 |
| 1/2   | 105.17  | 1/2   | 464.65 | 1/2   | 824.12 | 1/2   | 1,183.59 | 1/2   | 1,543.06 | 1/2   | 1,902.53 | 1/2   | 2,262.01 | 1/2   | 2,621.48 | 1/2   | 2,980.95 | 1/2   | 3,340.42 | 1/2    | 3,699.89 | 1/2    | 4,059.37 | 1/2    | 4,418.84 | 1/2    | 4,778.31 | 1/2    | 5,137.28 | 1/2 | 5,496.25 |
| 3/4   | 112.66  | 3/4   | 472.13 | 3/4   | 831.61 | 3/4   | 1,191.08 | 3/4   | 1,550.55 | 3/4   | 1,910.02 | 3/4   | 2,269.50 | 3/4   | 2,628.97 | 3/4   | 2,988.44 | 3/4   | 3,347.91 | 3/4    | 3,707.38 | 3/4    | 4,066.86 | 3/4    | 4,426.33 | 3/4    | 4,785.80 | 3/4    | 5,144.77 | 3/4 | 5,503.74 |
| 4     | 120.15  | 4     | 479.62 | 4     | 839.10 | 4     | 1,198.57 | 4     | 1,558.04 | 4     | 1,917.51 | 4     | 2,276.98 | 4     | 2,636.46 | 4     | 2,995.93 | 4     | 3,355.40 | 4      | 3,714.87 | 4      | 4,074.34 | 4      | 4,433.82 | 4      | 4,793.29 | 4      | 5,152.26 | 4   | 5,511.23 |
| 1/4   | 127.64  | 1/4   | 487.11 | 1/4   | 846.59 | 1/4   | 1,206.06 | 1/4   | 1,565.53 | 1/4   | 1,925.00 | 1/4   | 2,284.47 | 1/4   | 2,643.95 | 1/4   | 3,003.42 | 1/4   | 3,362.89 | 1/4    | 3,722.36 | 1/4    | 4,081.83 | 1/4    | 4,441.30 | 1/4    | 4,800.78 | 1/4    | 5,159.75 | 1/4 | 5,518.72 |
| 1/2   | 135.13  | 1/2   | 494.60 | 1/2   | 854.07 | 1/2   | 1,213.55 | 1/2   | 1,573.02 | 1/2   | 1,932.49 | 1/2   | 2,291.96 | 1/2   | 2,651.43 | 1/2   | 3,010.91 | 1/2   | 3,370.38 | 1/2    | 3,729.85 | 1/2    | 4,089.32 | 1/2    | 4,448.79 | 1/2    | 4,808.27 | 1/2    | 5,167.24 | 1/2 | 5,526.21 |
| 3/4   | 142.62  | 3/4   | 502.09 | 3/4   | 861.56 | 3/4   | 1,221.04 | 3/4   | 1,580.51 | 3/4   | 1,939.98 | 3/4   | 2,299.45 | 3/4   | 2,658.92 | 3/4   | 3,018.40 | 3/4   | 3,377.87 | 3/4    | 3,737.34 | 3/4    | 4,096.81 | 3/4    | 4,456.28 | 3/4    | 4,815.75 | 3/4    | 5,174.72 | 3/4 | 5,533.69 |
| 5     | 150.11  | 5     | 509.58 | 5     | 869.05 | 5     | 1,228.52 | 5     | 1,588.00 | 5     | 1,947.47 | 5     | 2,306.94 | 5     | 2,666.41 | 5     | 3,025.88 | 5     | 3,385.36 | 5      | 3,744.83 | 5      | 4,104.30 | 5      | 4,463.77 | 5      | 4,823.24 | 5      | 5,182.21 | 5   | 5,541.18 |
| 1/4   | 157.60  | 1/4   | 517.07 | 1/4   | 876.54 | 1/4   | 1,236.01 | 1/4   | 1,595.49 | 1/4   | 1,954.96 | 1/4   | 2,314.43 | 1/4   | 2,673.90 | 1/4   | 3,033.37 | 1/4   | 3,392.85 | 1/4    | 3,752.32 | 1/4    | 4,111.79 | 1/4    | 4,471.26 | 1/4    | 4,830.73 | 1/4    | 5,189.70 | 1/4 | 5,548.67 |
| 1/2   | 165.09  | 1/2   | 524.56 | 1/2   | 884.03 | 1/2   | 1,243.50 | 1/2   | 1,602.97 | 1/2   | 1,962.45 | 1/2   | 2,321.92 | 1/2   | 2,681.39 | 1/2   | 3,040.86 | 1/2   | 3,400.33 | 1/2    | 3,759.81 | 1/2    | 4,119.28 | 1/2    | 4,478.75 | 1/2    | 4,838.22 | 1/2    | 5,197.19 | 1/2 | 5,556.16 |
| 3/4   | 172.58  | 3/4   | 532.05 | 3/4   | 891.52 | 3/4   | 1,250.99 | 3/4   | 1,610.46 | 3/4   | 1,969.94 | 3/4   | 2,329.41 | 3/4   | 2,688.88 | 3/4   | 3,048.35 | 3/4   | 3,407.82 | 3/4    | 3,767.30 | 3/4    | 4,126.77 | 3/4    | 4,486.24 | 3/4    | 4,845.71 | 3/4    | 5,204.68 | 3/4 | 5,563.65 |
| 6     | 180.06  | 6     | 539.54 | 6     | 899.01 | 6     | 1,258.48 | 6     | 1,617.95 | 6     | 1,977.42 | 6     | 2,336.90 | 6     | 2,696.37 | 6     | 3,055.84 | 6     | 3,415.31 | 6      | 3,774.78 | 6      | 4,134.26 | 6      | 4,493.73 | 6      | 4,853.20 | 6      | 5,212.17 | 6   | 5,571.14 |
| 1/4   | 187.55  | 1/4   | 547.02 | 1/4   | 906.60 | 1/4   | 1,265.97 | 1/4   | 1,625.44 | 1/4   | 1,984.91 | 1/4   | 2,344.39 | 1/4   | 2,703.86 | 1/4   | 3,063.33 | 1/4   | 3,422.80 | 1/4    | 3,782.27 | 1/4    | 4,141.75 | 1/4    | 4,501.22 | 1/4    | 4,860.69 | 1/4    | 5,219.66 | 1/4 | 5,577.63 |
| 1/2   | 195.04  | 1/2   | 554.51 | 1/2   | 913.99 | 1/2   | 1,273.46 | 1/2   | 1,632.93 | 1/2   | 1,992.40 | 1/2   | 2,351.87 | 1/2   | 2,711.35 | 1/2   | 3,070.82 | 1/2   | 3,430.29 | 1/2    | 3,789.76 | 1/2    | 4,149.23 | 1/2    | 4,508.71 | 1/2    | 4,868.18 | 1/2    | 5,226.65 | 1/2 | 5,584.62 |
| 3/4   | 202.53  | 3/4   | 562.00 | 3/4   | 921.48 | 3/4   | 1,280.95 | 3/4   | 1,640.42 | 3/4   | 1,999.89 | 3/4   | 2,359.36 | 3/4   | 2,718.84 | 3/4   | 3,078.31 | 3/4   | 3,437.78 | 3/4    | 3,797.25 | 3/4    | 4,156.72 | 3/4    | 4,516.19 | 3/4    | 4,875.67 | 3/4    | 5,234.64 | 3/4 | 5,592.61 |
| 7     | 210.02  | 7     | 569.49 | 7     | 928.96 | 7     | 1,288.44 | 7     | 1,647.91 | 7     | 2,007.38 | 7     | 2,366.85 | 7     | 2,726.32 | 7     | 3,085.80 | 7     | 3,445.27 | 7      | 3,804.74 | 7      | 4,164.21 | 7      | 4,523.68 | 7      | 4,883.16 | 7      | 5,242.13 | 7   | 5,600.60 |
| 1/4   | 217.51  | 1/4   | 576.98 | 1/4   | 936.45 | 1/4   | 1,295.93 | 1/4   | 1,655.40 | 1/4   | 2,014.87 | 1/4   | 2,374.34 | 1/4   | 2,733.81 | 1/4   | 3,093.29 | 1/4   | 3,452.76 | 1/4    | 3,812.23 | 1/4    | 4,171.70 | 1/4    | 4,531.17 | 1/4    | 4,890.64 | 1/4    | 5,249.11 | 1/4 | 5,606.58 |
| 1/2   | 225.00  | 1/2   | 584.47 | 1/2   | 943.94 | 1/2   | 1,303.41 | 1/2   | 1,662.89 | 1/2   | 2,022.36 | 1/2   | 2,381.83 | 1/2   | 2,741.30 | 1/2   | 3,100.77 | 1/2   | 3,460.25 | 1/2    | 3,819.72 | 1/2    | 4,179.19 | 1/2    | 4,538.66 | 1/2    | 4,898.13 | 1/2    | 5,256.60 | 1/2 | 5,613.57 |
| 3/4   | 232.49  | 3/4   | 591.96 | 3/4   | 951.43 | 3/4   | 1,310.90 | 3/4   | 1,670.38 | 3/4   | 2,029.85 | 3/4   | 2,389.32 | 3/4   | 2,748.79 | 3/4   | 3,108.26 | 3/4   | 3,467.74 | 3/4    | 3,827.21 | 3/4    | 4,186.68 | 3/4    | 4,546.15 | 3/4    | 4,905.62 | 3/4    | 5,264.59 | 3/4 | 5,621.56 |
| 8     | 239.98  | 8     | 599.45 | 8     | 958.92 | 8     | 1,318.39 | 8     | 1,677.86 | 8     | 2,037.34 | 8     | 2,396.81 | 8     | 2,756.28 | 8     | 3,115.75 | 8     | 3,475.22 | 8      | 3,834.70 | 8      | 4,194.17 | 8      | 4,553.64 | 8      | 4,913.11 | 8      | 5,271.58 | 8   | 5,628.55 |
| 1/4   | 247.47  | 1/4   | 606.94 | 1/4   | 966.41 | 1/4   | 1,325.88 | 1/4   | 1,685.35 | 1/4   | 2,044.83 | 1/4   | 2,404.30 | 1/4   | 2,763.77 | 1/4   | 3,123.24 | 1/4   | 3,482.71 | 1/4    | 3,842.19 | 1/4    | 4,201.66 | 1      |          |        |          |        |          |     |          |



## Barge "SMI-30022" Settoon Towing, LLC INNAGE TABLE

**TANK NO.**  
**3 PORT or STAR**

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

HULL NO. 2191-2

| 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     | O       | N     | O      | N     | O      | N     | O        | N     | O        | N     | O        | N     | O        | N     | O        | N     | O        | N     | O        | N      | O        | N      | O        | N      | O        | N      | O        | N      | O        |
| 0     | * 15.21 | 0     | 358.55 | 0     | 716.82 | 0     | 1,074.94 | 0     | 1,432.49 | 0     | 1,791.24 | 0     | 2,149.99 | 0     | 2,508.74 | 0     | 2,867.50 | 0     | 3,226.25 | 0      | 3,585.00 | 0      | 3,943.75 | 0      | 4,302.50 | 0      | 4,661.25 | 0      | 5,020.00 |
| 1/4   | 19.87   | 1/4   | 366.02 | 1/4   | 724.29 | 1/4   | 1,082.38 | 1/4   | 1,439.96 | 1/4   | 1,798.71 | 1/4   | 2,157.47 | 1/4   | 2,516.22 | 1/4   | 2,874.97 | 1/4   | 3,233.72 | 1/4    | 3,592.47 | 1/4    | 3,951.22 | 1/4    | 4,310.00 | 1/4    | 4,668.75 | 1/4    | 5,027.50 |
| 1/2   | 24.54   | 1/2   | 373.48 | 1/2   | 731.75 | 1/2   | 1,089.82 | 1/2   | 1,447.44 | 1/2   | 1,806.19 | 1/2   | 2,164.94 | 1/2   | 2,523.69 | 1/2   | 2,882.44 | 1/2   | 3,241.20 | 1/2    | 3,600.00 | 1/2    | 3,958.75 | 1/2    | 4,317.50 | 1/2    | 4,676.25 | 1/2    | 5,035.00 |
| 3/4   | 29.20   | 3/4   | 380.94 | 3/4   | 739.22 | 3/4   | 1,097.27 | 3/4   | 1,454.91 | 3/4   | 1,813.66 | 3/4   | 2,172.41 | 3/4   | 2,531.17 | 3/4   | 2,889.92 | 3/4   | 3,248.67 | 3/4    | 3,607.50 | 3/4    | 3,966.25 | 3/4    | 4,325.00 | 3/4    | 4,683.75 | 3/4    | 5,042.50 |
| 1     | 33.87   | 1     | 388.41 | 1     | 746.68 | 1     | 1,104.71 | 1     | 1,462.38 | 1     | 1,821.14 | 1     | 2,179.89 | 1     | 2,538.64 | 1     | 2,897.39 | 1     | 3,256.14 | 1      | 3,615.00 | 1      | 3,973.75 | 1      | 4,332.50 | 1      | 4,691.25 | 1      | 5,050.00 |
| 1/4   | 40.40   | 1/4   | 395.87 | 1/4   | 754.14 | 1/4   | 1,112.16 | 1/4   | 1,469.86 | 1/4   | 1,828.61 | 1/4   | 2,187.36 | 1/4   | 2,546.11 | 1/4   | 2,904.87 | 1/4   | 3,263.62 | 1/4    | 3,622.50 | 1/4    | 3,981.25 | 1/4    | 4,340.00 | 1/4    | 4,698.75 | 1/4    | 5,057.50 |
| 1/2   | 46.93   | 1/2   | 403.34 | 1/2   | 761.61 | 1/2   | 1,119.60 | 1/2   | 1,477.33 | 1/2   | 1,836.08 | 1/2   | 2,194.84 | 1/2   | 2,553.59 | 1/2   | 2,912.34 | 1/2   | 3,271.09 | 1/2    | 3,630.00 | 1/2    | 3,988.75 | 1/2    | 4,347.50 | 1/2    | 4,706.25 | 1/2    | 5,065.00 |
| 3/4   | 53.46   | 3/4   | 410.80 | 3/4   | 769.07 | 3/4   | 1,127.04 | 3/4   | 1,484.81 | 3/4   | 1,843.56 | 3/4   | 2,202.31 | 3/4   | 2,561.06 | 3/4   | 2,919.81 | 3/4   | 3,278.57 | 3/4    | 3,637.50 | 3/4    | 3,996.25 | 3/4    | 4,355.00 | 3/4    | 4,713.75 | 3/4    | 5,072.50 |
| 2     | 59.99   | 2     | 418.26 | 2     | 776.54 | 2     | 1,134.49 | 2     | 1,492.28 | 2     | 1,851.03 | 2     | 2,209.78 | 2     | 2,568.54 | 2     | 2,927.29 | 2     | 3,286.04 | 2      | 3,645.00 | 2      | 3,999.75 | 2      | 4,358.75 | 2      | 4,717.50 | 2      | 5,075.00 |
| 1/4   | 67.46   | 1/4   | 425.73 | 1/4   | 784.00 | 1/4   | 1,141.93 | 1/4   | 1,499.75 | 1/4   | 1,858.51 | 1/4   | 2,217.26 | 1/4   | 2,576.01 | 1/4   | 2,934.76 | 1/4   | 3,293.51 | 1/4    | 3,652.50 | 1/4    | 4,001.25 | 1/4    | 4,360.00 | 1/4    | 4,718.75 | 1/4    | 5,082.50 |
| 1/2   | 74.92   | 1/2   | 433.19 | 1/2   | 791.46 | 1/2   | 1,149.38 | 1/2   | 1,507.23 | 1/2   | 1,865.98 | 1/2   | 2,224.73 | 1/2   | 2,583.48 | 1/2   | 2,942.24 | 1/2   | 3,300.99 | 1/2    | 3,659.00 | 1/2    | 4,009.75 | 1/2    | 4,368.75 | 1/2    | 4,726.25 | 1/2    | 5,090.00 |
| 3/4   | 82.38   | 3/4   | 440.66 | 3/4   | 798.93 | 3/4   | 1,156.82 | 3/4   | 1,514.70 | 3/4   | 1,873.45 | 3/4   | 2,232.21 | 3/4   | 2,590.96 | 3/4   | 2,949.71 | 3/4   | 3,308.46 | 3/4    | 3,667.50 | 3/4    | 4,017.25 | 3/4    | 4,376.25 | 3/4    | 4,733.75 | 3/4    | 5,097.50 |
| 3     | 89.85   | 3     | 448.12 | 3     | 806.39 | 3     | 1,164.26 | 3     | 1,522.18 | 3     | 1,880.93 | 3     | 2,239.68 | 3     | 2,598.43 | 3     | 2,957.18 | 3     | 3,315.94 | 3      | 3,675.00 | 3      | 4,024.25 | 3      | 4,383.75 | 3      | 4,741.25 | 3      | 5,105.00 |
| 1/4   | 97.31   | 1/4   | 455.58 | 1/4   | 813.66 | 1/4   | 1,171.71 | 1/4   | 1,529.65 | 1/4   | 1,888.40 | 1/4   | 2,247.15 | 1/4   | 2,606.91 | 1/4   | 2,965.66 | 1/4   | 3,323.41 | 1/4    | 3,682.50 | 1/4    | 4,031.25 | 1/4    | 4,390.00 | 1/4    | 4,748.75 | 1/4    | 5,112.50 |
| 1/2   | 104.78  | 1/2   | 463.05 | 1/2   | 821.32 | 1/2   | 1,179.15 | 1/2   | 1,537.12 | 1/2   | 1,895.88 | 1/2   | 2,254.63 | 1/2   | 2,613.38 | 1/2   | 2,972.13 | 1/2   | 3,330.88 | 1/2    | 3,687.50 | 1/2    | 4,038.75 | 1/2    | 4,397.50 | 1/2    | 4,756.25 | 1/2    | 5,120.00 |
| 3/4   | 112.24  | 3/4   | 470.51 | 3/4   | 828.78 | 3/4   | 1,186.60 | 3/4   | 1,544.60 | 3/4   | 1,903.35 | 3/4   | 2,262.10 | 3/4   | 2,620.85 | 3/4   | 2,979.61 | 3/4   | 3,338.36 | 3/4    | 3,695.00 | 3/4    | 4,046.25 | 3/4    | 4,405.00 | 3/4    | 4,763.75 | 3/4    | 5,127.50 |
| 4     | 119.70  | 4     | 477.98 | 4     | 836.26 | 4     | 1,194.04 | 4     | 1,552.07 | 4     | 1,910.82 | 4     | 2,269.58 | 4     | 2,628.33 | 4     | 2,987.08 | 4     | 3,345.83 | 4      | 3,702.50 | 4      | 4,051.25 | 4      | 4,410.00 | 4      | 4,767.50 | 4      | 5,135.00 |
| 1/4   | 127.17  | 1/4   | 485.44 | 1/4   | 843.71 | 1/4   | 1,201.48 | 1/4   | 1,559.55 | 1/4   | 1,918.30 | 1/4   | 2,277.05 | 1/4   | 2,635.80 | 1/4   | 2,994.65 | 1/4   | 3,353.31 | 1/4    | 3,631.18 | 1/4    | 3,989.75 | 1/4    | 4,348.75 | 1/4    | 4,756.25 | 1/4    | 5,142.50 |
| 1/2   | 134.63  | 1/2   | 492.90 | 1/2   | 851.18 | 1/2   | 1,208.93 | 1/2   | 1,567.02 | 1/2   | 1,925.77 | 1/2   | 2,284.52 | 1/2   | 2,643.28 | 1/2   | 3,002.03 | 1/2   | 3,360.78 | 1/2    | 3,635.77 | 1/2    | 3,996.25 | 1/2    | 4,356.25 | 1/2    | 4,763.75 | 1/2    | 5,150.00 |
| 3/4   | 142.10  | 3/4   | 500.37 | 3/4   | 858.64 | 3/4   | 1,216.37 | 3/4   | 1,574.49 | 3/4   | 1,933.25 | 3/4   | 2,292.00 | 3/4   | 2,650.75 | 3/4   | 3,009.50 | 3/4   | 3,368.25 | 3/4    | 3,640.36 | 3/4    | 3,999.75 | 3/4    | 4,363.75 | 3/4    | 4,771.25 | 3/4    | 5,157.50 |
| 5     | 149.56  | 5     | 507.83 | 5     | 866.10 | 5     | 1,223.82 | 5     | 1,581.97 | 5     | 1,940.72 | 5     | 2,299.47 | 5     | 2,658.22 | 5     | 3,016.98 | 5     | 3,375.73 | 5      | 3,644.95 | 5      | 3,999.75 | 5      | 4,358.75 | 5      | 4,717.50 | 5      | 5,076.25 |
| 1/4   | 157.02  | 1/4   | 515.30 | 1/4   | 873.57 | 1/4   | 1,231.26 | 1/4   | 1,589.44 | 1/4   | 1,948.19 | 1/4   | 2,306.95 | 1/4   | 2,665.70 | 1/4   | 3,024.45 | 1/4   | 3,383.20 | 1/4    | 3,649.54 | 1/4    | 3,999.75 | 1/4    | 4,366.25 | 1/4    | 4,725.00 | 1/4    | 5,083.75 |
| 1/2   | 164.49  | 1/2   | 522.76 | 1/2   | 881.03 | 1/2   | 1,238.70 | 1/2   | 1,596.92 | 1/2   | 1,955.67 | 1/2   | 2,314.42 | 1/2   | 2,673.17 | 1/2   | 3,031.92 | 1/2   | 3,390.68 | 1/2    | 3,654.13 | 1/2    | 3,999.75 | 1/2    | 4,373.75 | 1/2    | 4,732.50 | 1/2    | 5,091.25 |
| 3/4   | 171.95  | 3/4   | 530.22 | 3/4   | 888.60 | 3/4   | 1,246.16 | 3/4   | 1,604.39 | 3/4   | 1,963.14 | 3/4   | 2,321.89 | 3/4   | 2,680.65 | 3/4   | 3,039.40 | 3/4   | 3,398.15 | 3/4    | 3,658.72 | 3/4    | 3,999.75 | 3/4    | 4,381.25 | 3/4    | 4,740.00 | 3/4    | 5,100.00 |
| 6     | 179.42  | 6     | 537.69 | 6     | 895.96 | 6     | 1,253.59 | 6     | 1,611.86 | 6     | 1,970.62 | 6     | 2,329.37 | 6     | 2,688.12 | 6     | 3,046.87 | 6     | 3,405.62 | 6      | 3,663.31 | 6      | 3,999.75 | 6      | 4,388.75 | 6      | 4,746.25 | 6      | 5,107.50 |
| 1/4   | 186.88  | 1/4   | 545.15 | 1/4   | 903.42 | 1/4   | 1,261.04 | 1/4   | 1,619.34 | 1/4   | 1,978.09 | 1/4   | 2,336.84 | 1/4   | 2,695.59 | 1/4   | 3,054.35 | 1/4   | 3,412.87 | 1/4    | 3,667.90 | 1/4    | 3,999.75 | 1/4    | 4,396.25 | 1/4    | 4,752.50 | 1/4    | 5,115.00 |
| 1/2   | 194.34  | 1/2   | 552.62 | 1/2   | 910.89 | 1/2   | 1,268.48 | 1/2   | 1,626.81 | 1/2   | 1,985.56 | 1/2   | 2,344.32 | 1/2   | 2,703.07 | 1/2   | 3,061.82 | 1/2   | 3,420.11 | 1/2    | 3,672.49 | 1/2    | 3,999.75 | 1/2    | 4,403.75 | 1/2    | 4,759.00 | 1/2    | 5,122.50 |
| 3/4   | 201.81  | 3/4   | 560.08 | 3/4   | 918.35 | 3/4   | 1,275.92 | 3/4   | 1,634.29 | 3/4   | 1,993.04 | 3/4   | 2,351.79 | 3/4   | 2,710.54 | 3/4   | 3,069.28 | 3/4   | 3,427.36 | 3/4    | 3,677.08 | 3/4    | 3,999.75 | 3/4    | 4,411.25 | 3/4    | 4,766.25 | 3/4    | 5,130.00 |
| 7     | 209.27  | 7     | 567.54 | 7     | 925.82 | 7     | 1,283.37 | 7     | 1,641.76 | 7     | 2,000.51 | 7     | 2,359.26 | 7     | 2,718.02 | 7     | 3,076.77 | 7     | 3,434.60 | 7      | 3,681.67 | 7      | 3,999.75 | 7      | 4,418.75 | 7      | 4,773.75 | 7      | 5,137.50 |
| 1/4   | 216.74  | 1/4   | 575.01 | 1/4   | 933.28 | 1/4   | 1,290.81 | 1/4   | 1,649.23 | 1/4   | 2,007.99 | 1/4   | 2,366.74 | 1/4   | 2,725.49 | 1/4   | 3,084.24 | 1/4   | 3,441.40 | 1/4    | 3,686.26 | 1/4    | 3,999.75 | 1/4    | 4,426.25 | 1/4    | 4,781.25 | 1/4    | 5,145.00 |
| 1/2   | 224.20  | 1/2   | 582.47 | 1/2   | 940.74 | 1/2   | 1,298.26 | 1/2   | 1,656.71 | 1/2   | 2,015.46 | 1/2   | 2,374.21 | 1/2   | 2,732.96 | 1/2   | 3,091.72 | 1/2   | 3,448.20 | 1/2    | 3,690.85 | 1/2    | 3,999.75 | 1/2    | 4,433.75 | 1/2    | 4,788.75 | 1/2    | 5,152.50 |
| 3/4   | 231.66  | 3/4   | 589.94 | 3/4   | 948.21 | 3/4   | 1,305.70 | 3/4   | 1,664.18 | 3/4   | 2,022.93 | 3/4   | 2,381.69 | 3/4   | 2,740.44 | 3/4   | 3,099.19 | 3/4   | 3,455.00 | 3/4    | 3,695.44 | 3/4    | 3,999.75 | 3/4    | 4,441.25 | 3/4    | 4,796.25 | 3/4    | 5,160.00 |
| 8     | 239.13  | 8     | 597.40 | 8     | 955.67 | 8     | 1,313.14 | 8     | 1,671.66 | 8     | 2,030.41 | 8     | 2,389.16 | 8     | 2,747.91 | 8     | 3,106.66 | 8     | 3,461.80 | 8      | 3,700.03 | 8      | 3,999.75 | 8      | 4,448.75 | 8      | 4,803.75 | 8      | 5,167.50 |
| 1/4   | 246.59  | 1/4   | 604.86 | 1/4   | 963.14 | 1/4   | 1,320.59 | 1/4   | 1,679.13 | 1/4   | 2,037.88 | 1/4   | 2,396.63 | 1/4   | 2,755.39 | 1/4   | 3,114.14 | 1/4   | 3,468.16 | 1/4    | 3,704.62 | 1/4    | 3,999.75 | 1/4    | 4,456.25 | 1/4    | 4,811.25 | 1/4    | 5,175.00 |
| 1/2   | 254.06  | 1/2   | 612.33 | 1/2   | 970.60 | 1/2   | 1,328.03 | 1/2   | 1,686.60 | 1/2   | 2,045.36 | 1/2   | 2,404.11 | 1/2   | 2,762.86 | 1/2   | 3,121.61 | 1/2   | 3,474.52 | 1/2    | 3,709.21 | 1/2    | 3,999.75 | 1/2    | 4,463.75 | 1/2    | 4,818.75 | 1/2    | 5,182.50 |
| 3/4   | 261.52  | 3/4   | 619.79 | 3/4   | 978.06 | 3/4   | 1,335.48 | 3/4   | 1,694.08 | 3/4   | 2,052.83 | 3/4   | 2,411.58 | 3/4   | 2,770.33 | 3/4   | 3,129.09 | 3/4   | 3,480.88 | 3/4    | 3,713.80 | 3/4    | 3,999.75 | 3/4    | 4,471.25 | 3/4    | 4,826.25 | 3/4    | 5,190.00 |
| 9     | 268.98  | 9     | 627.26 | 9     | 985.53 | 9     | 1,342.92 | 9     | 1,701.55 | 9     | 2,060.30 | 9     | 2,419.06 | 9     | 2,777.81 | 9     | 3,136.56 | 9     | 3,487.24 | 9      | 3,718.39 | 9      | 3,999.75 | 9      | 4,478.75 | 9      | 4,833.75 | 9      | 5,197.50 |
| 1/4   | 276.45  | 1/4   | 634.72 | 1/4   | 992.99 | 1/4   | 1,350.36 | 1/4   | 1,709.03 | 1/4   | 2,067.78 | 1/4   | 2,426.53 | 1/4   | 2,785.28 | 1/4   | 3,144.03 | 1/4   | 3,493.16 | 1/4    | 3        |        |          |        |          |        |          |        |          |



## Barge "SMI-30022" Settoon Towing, LLC OUTAGE TABLE

TANK NO.  
1 PORT

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

HULL NO. 2191-2

| 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. |        | 15 FT. |        | 16 FT. |         |
|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|---------|
| 0     |          | 0     | 4,976.30 | 0     | 4,618.27 | 0     | 4,260.24 | 0     | 3,902.21 | 0     | 3,544.18 | 0     | 3,186.14 | 0     | 2,828.11 | 0     | 2,470.08 | 0      | 2,112.05 | 0      | 1,754.02 | 0      | 1,395.98 | 0      | 1,037.95 | 0      | 679.92 | 0      | 326.19 | 0      | * 15.36 |
| 1/4   |          | 1/4   | 4,968.85 | 1/4   | 4,610.81 | 1/4   | 4,252.78 | 1/4   | 3,894.75 | 1/4   | 3,536.72 | 1/4   | 3,178.69 | 1/4   | 2,820.65 | 1/4   | 2,462.62 | 1/4    | 2,104.59 | 1/4    | 1,746.56 | 1/4    | 1,388.53 | 1/4    | 1,030.49 | 1/4    | 672.46 | 1/4    | 319.16 | 1/4    |         |
| 1/2   |          | 1/2   | 4,961.39 | 1/2   | 4,603.35 | 1/2   | 4,245.32 | 1/2   | 3,887.29 | 1/2   | 3,529.26 | 1/2   | 3,171.23 | 1/2   | 2,813.19 | 1/2   | 2,455.16 | 1/2    | 2,097.13 | 1/2    | 1,739.10 | 1/2    | 1,381.07 | 1/2    | 1,023.03 | 1/2    | 665.00 | 1/2    | 312.13 | 1/2    |         |
| 3/4   |          | 3/4   | 4,953.93 | 3/4   | 4,595.90 | 3/4   | 4,237.86 | 3/4   | 3,879.83 | 3/4   | 3,521.80 | 3/4   | 3,163.77 | 3/4   | 2,805.74 | 3/4   | 2,447.70 | 3/4    | 2,089.67 | 3/4    | 1,731.64 | 3/4    | 1,373.61 | 3/4    | 1,015.58 | 3/4    | 657.54 | 3/4    | 305.10 | 3/4    |         |
| 1     |          | 1     | 4,946.47 | 1     | 4,588.44 | 1     | 4,230.40 | 1     | 3,872.37 | 1     | 3,514.34 | 1     | 3,156.31 | 1     | 2,798.28 | 1     | 2,440.24 | 1      | 2,082.21 | 1      | 1,724.18 | 1      | 1,366.15 | 1      | 1,008.12 | 1      | 650.08 | 1      | 298.07 | 1      |         |
| 1/4   |          | 1/4   | 4,939.01 | 1/4   | 4,580.98 | 1/4   | 4,222.95 | 1/4   | 3,864.91 | 1/4   | 3,506.88 | 1/4   | 3,148.85 | 1/4   | 2,790.82 | 1/4   | 2,432.79 | 1/4    | 2,074.75 | 1/4    | 1,716.72 | 1/4    | 1,358.69 | 1/4    | 1,000.66 | 1/4    | 642.63 | 1/4    | 291.04 | 1/4    |         |
| 1/2   |          | 1/2   | 4,931.55 | 1/2   | 4,573.52 | 1/2   | 4,215.49 | 1/2   | 3,857.45 | 1/2   | 3,499.42 | 1/2   | 3,141.39 | 1/2   | 2,783.36 | 1/2   | 2,426.33 | 1/2    | 2,067.29 | 1/2    | 1,709.26 | 1/2    | 1,351.23 | 1/2    | 993.20   | 1/2    | 635.17 | 1/2    | 284.01 | 1/2    |         |
| 3/4   |          | 3/4   | 4,924.09 | 3/4   | 4,566.06 | 3/4   | 4,208.03 | 3/4   | 3,850.00 | 3/4   | 3,491.96 | 3/4   | 3,133.93 | 3/4   | 2,775.90 | 3/4   | 2,417.87 | 3/4    | 2,059.84 | 3/4    | 1,701.80 | 3/4    | 1,343.77 | 3/4    | 985.74   | 3/4    | 627.71 | 3/4    | 276.98 | 3/4    |         |
| 2     |          | 2     | 4,916.63 | 2     | 4,558.60 | 2     | 4,200.57 | 2     | 3,842.54 | 2     | 3,484.50 | 2     | 3,126.47 | 2     | 2,768.44 | 2     | 2,410.41 | 2      | 2,052.38 | 2      | 1,694.34 | 2      | 1,336.31 | 2      | 978.28   | 2      | 620.25 | 2      | 269.94 | 2      |         |
| 1/4   |          | 1/4   | 4,909.17 | 1/4   | 4,551.14 | 1/4   | 4,193.11 | 1/4   | 3,835.08 | 1/4   | 3,477.05 | 1/4   | 3,119.01 | 1/4   | 2,760.98 | 1/4   | 2,402.95 | 1/4    | 2,044.92 | 1/4    | 1,686.89 | 1/4    | 1,328.85 | 1/4    | 970.82   | 1/4    | 612.79 | 1/4    | 263.04 | 1/4    |         |
| 1/2   |          | 1/2   | 4,901.71 | 1/2   | 4,543.68 | 1/2   | 4,185.65 | 1/2   | 3,827.62 | 1/2   | 3,469.59 | 1/2   | 3,111.55 | 1/2   | 2,753.52 | 1/2   | 2,395.49 | 1/2    | 2,037.46 | 1/2    | 1,679.43 | 1/2    | 1,321.39 | 1/2    | 963.36   | 1/2    | 605.33 | 1/2    | 256.13 | 1/2    |         |
| 3/4   |          | 3/4   | 4,894.26 | 3/4   | 4,536.22 | 3/4   | 4,178.19 | 3/4   | 3,820.16 | 3/4   | 3,462.13 | 3/4   | 3,104.10 | 3/4   | 2,746.06 | 3/4   | 2,388.03 | 3/4    | 2,030.00 | 3/4    | 1,671.97 | 3/4    | 1,313.94 | 3/4    | 955.90   | 3/4    | 597.87 | 3/4    | 249.22 | 3/4    |         |
| 3     |          | 3     | 4,886.80 | 3     | 4,528.76 | 3     | 4,170.73 | 3     | 3,812.70 | 3     | 3,454.67 | 3     | 3,096.64 | 3     | 2,738.60 | 3     | 2,380.57 | 3      | 2,022.54 | 3      | 1,664.51 | 3      | 1,306.48 | 3      | 948.44   | 3      | 590.41 | 3      | 242.32 | 3      |         |
| 1/4   |          | 1/4   | 4,879.34 | 1/4   | 4,521.31 | 1/4   | 4,163.27 | 1/4   | 3,805.24 | 1/4   | 3,447.21 | 1/4   | 3,089.18 | 1/4   | 2,731.15 | 1/4   | 2,373.11 | 1/4    | 2,015.08 | 1/4    | 1,657.05 | 1/4    | 1,299.02 | 1/4    | 940.99   | 1/4    | 582.95 | 1/4    | 235.41 | 1/4    |         |
| 1/2   |          | 1/2   | 4,871.88 | 1/2   | 4,513.85 | 1/2   | 4,155.81 | 1/2   | 3,797.78 | 1/2   | 3,439.75 | 1/2   | 3,081.72 | 1/2   | 2,723.69 | 1/2   | 2,365.65 | 1/2    | 2,007.62 | 1/2    | 1,649.59 | 1/2    | 1,291.56 | 1/2    | 933.53   | 1/2    | 575.49 | 1/2    | 228.50 | 1/2    |         |
| 3/4   |          | 3/4   | 4,864.42 | 3/4   | 4,506.39 | 3/4   | 4,148.36 | 3/4   | 3,790.32 | 3/4   | 3,432.29 | 3/4   | 3,074.26 | 3/4   | 2,716.23 | 3/4   | 2,358.20 | 3/4    | 2,000.16 | 3/4    | 1,642.13 | 3/4    | 1,284.10 | 3/4    | 926.07   | 3/4    | 568.04 | 3/4    | 211.60 | 3/4    |         |
| 4     |          | 4     | 4,856.96 | 4     | 4,498.93 | 4     | 4,140.90 | 4     | 3,782.86 | 4     | 3,424.83 | 4     | 3,066.80 | 4     | 2,708.77 | 4     | 2,350.74 | 4      | 1,992.70 | 4      | 1,634.67 | 4      | 1,276.64 | 4      | 918.61   | 4      | 560.58 | 4      | 214.69 | 4      |         |
| 1/4   |          | 1/4   | 4,849.50 | 1/4   | 4,491.47 | 1/4   | 4,133.44 | 1/4   | 3,775.41 | 1/4   | 3,417.37 | 1/4   | 3,059.34 | 1/4   | 2,701.31 | 1/4   | 2,343.28 | 1/4    | 1,985.25 | 1/4    | 1,627.21 | 1/4    | 1,269.18 | 1/4    | 911.15   | 1/4    | 553.12 | 1/4    | 207.91 | 1/4    |         |
| 1/2   |          | 1/2   | 4,842.04 | 1/2   | 4,484.01 | 1/2   | 4,126.98 | 1/2   | 3,767.95 | 1/2   | 3,409.91 | 1/2   | 3,051.88 | 1/2   | 2,693.85 | 1/2   | 2,335.82 | 1/2    | 1,977.79 | 1/2    | 1,619.75 | 1/2    | 1,261.72 | 1/2    | 903.69   | 1/2    | 545.66 | 1/2    | 201.12 | 1/2    |         |
| 3/4   |          | 3/4   | 4,834.58 | 3/4   | 4,476.55 | 3/4   | 4,118.52 | 3/4   | 3,760.49 | 3/4   | 3,402.46 | 3/4   | 3,044.42 | 3/4   | 2,686.39 | 3/4   | 2,328.36 | 3/4    | 1,970.33 | 3/4    | 1,612.30 | 3/4    | 1,254.26 | 3/4    | 896.23   | 3/4    | 538.20 | 3/4    | 194.34 | 3/4    |         |
| 5     |          | 5     | 4,827.12 | 5     | 4,469.09 | 5     | 4,111.06 | 5     | 3,753.03 | 5     | 3,395.00 | 5     | 3,036.96 | 5     | 2,678.93 | 5     | 2,320.90 | 5      | 1,962.87 | 5      | 1,604.84 | 5      | 1,246.80 | 5      | 888.77   | 5      | 530.74 | 5      | 187.56 | 5      |         |
| 1/4   | 5,095.74 | 1/4   | 4,819.67 | 1/4   | 4,461.63 | 1/4   | 4,103.60 | 1/4   | 3,745.57 | 1/4   | 3,387.54 | 1/4   | 3,029.51 | 1/4   | 2,671.47 | 1/4   | 2,313.44 | 1/4    | 1,955.41 | 1/4    | 1,597.38 | 1/4    | 1,239.35 | 1/4    | 881.31   | 1/4    | 523.78 | 1/4    | 180.78 | 1/4    |         |
| 1/2   | 5,094.50 | 1/2   | 4,812.21 | 1/2   | 4,454.17 | 1/2   | 4,096.14 | 1/2   | 3,738.11 | 1/2   | 3,380.08 | 1/2   | 3,022.05 | 1/2   | 2,664.01 | 1/2   | 2,305.98 | 1/2    | 1,947.95 | 1/2    | 1,589.92 | 1/2    | 1,231.89 | 1/2    | 873.85   | 1/2    | 515.82 | 1/2    | 174.00 | 1/2    |         |
| 3/4   | 5,093.87 | 3/4   | 4,804.75 | 3/4   | 4,446.72 | 3/4   | 4,088.68 | 3/4   | 3,730.65 | 3/4   | 3,372.62 | 3/4   | 3,014.59 | 3/4   | 2,656.56 | 3/4   | 2,298.52 | 3/4    | 1,940.49 | 3/4    | 1,582.46 | 3/4    | 1,224.43 | 3/4    | 866.40   | 3/4    | 508.36 | 3/4    | 167.21 | 3/4    |         |
| 6     |          | 6     | 4,797.29 | 6     | 4,439.26 | 6     | 4,081.22 | 6     | 3,723.19 | 6     | 3,365.16 | 6     | 3,007.13 | 6     | 2,649.10 | 6     | 2,291.06 | 6      | 1,933.03 | 6      | 1,575.00 | 6      | 1,216.97 | 6      | 868.94   | 6      | 500.90 | 6      | 160.43 | 6      |         |
| 1/4   | 5,093.25 | 1/4   | 4,789.83 | 1/4   | 4,431.80 | 1/4   | 4,073.77 | 1/4   | 3,715.73 | 1/4   | 3,357.70 | 1/4   | 2,999.67 | 1/4   | 2,641.64 | 1/4   | 2,283.61 | 1/4    | 1,925.57 | 1/4    | 1,567.54 | 1/4    | 1,209.51 | 1/4    | 851.48   | 1/4    | 493.50 | 1/4    | 153.77 | 1/4    |         |
| 1/2   | 5,089.52 | 1/2   | 4,782.37 | 1/2   | 4,424.34 | 1/2   | 4,066.31 | 1/2   | 3,708.27 | 1/2   | 3,350.24 | 1/2   | 2,992.21 | 1/2   | 2,634.18 | 1/2   | 2,276.15 | 1/2    | 1,918.11 | 1/2    | 1,560.08 | 1/2    | 1,202.05 | 1/2    | 844.02   | 1/2    | 486.10 | 1/2    | 147.12 | 1/2    |         |
| 3/4   | 5,087.65 | 3/4   | 4,774.91 | 3/4   | 4,416.88 | 3/4   | 4,058.85 | 3/4   | 3,700.82 | 3/4   | 3,342.78 | 3/4   | 2,984.75 | 3/4   | 2,628.69 | 3/4   | 2,268.69 | 3/4    | 1,910.88 | 3/4    | 1,552.62 | 3/4    | 1,194.59 | 3/4    | 836.56   | 3/4    | 478.69 | 3/4    | 140.46 | 3/4    |         |
| 7     |          | 7     | 4,767.45 | 7     | 4,409.42 | 7     | 4,051.39 | 7     | 3,693.36 | 7     | 3,335.32 | 7     | 2,977.29 | 7     | 2,619.26 | 7     | 2,261.23 | 7      | 1,903.20 | 7      | 1,545.16 | 7      | 1,187.13 | 7      | 829.10   | 7      | 471.29 | 7      | 133.80 | 7      |         |
| 1/4   | 5,085.78 | 1/4   | 4,759.99 | 1/4   | 4,401.96 | 1/4   | 4,043.93 | 1/4   | 3,685.90 | 1/4   | 3,327.87 | 1/4   | 2,969.83 | 1/4   | 2,611.80 | 1/4   | 2,253.77 | 1/4    | 1,895.74 | 1/4    | 1,537.71 | 1/4    | 1,179.67 | 1/4    | 821.64   | 1/4    | 463.88 | 1/4    | 127.14 | 1/4    |         |
| 1/2   | 5,079.56 | 1/2   | 4,752.53 | 1/2   | 4,394.50 | 1/2   | 4,036.47 | 1/2   | 3,678.44 | 1/2   | 3,320.41 | 1/2   | 2,962.37 | 1/2   | 2,604.34 | 1/2   | 2,246.31 | 1/2    | 1,888.28 | 1/2    | 1,530.25 | 1/2    | 1,172.21 | 1/2    | 814.18   | 1/2    | 456.48 | 1/2    | 120.48 | 1/2    |         |
| 3/4   | 5,076.45 | 3/4   | 4,745.08 | 3/4   | 4,387.04 | 3/4   | 4,029.01 | 3/4   | 3,670.98 | 3/4   | 3,312.95 | 3/4   | 2,954.92 | 3/4   | 2,596.88 | 3/4   | 2,238.85 | 3/4    | 1,880.82 | 3/4    | 1,522.79 | 3/4    | 1,164.76 | 3/4    | 806.72   | 3/4    | 449.08 | 3/4    | 113.83 | 3/4    |         |
| 8     |          | 8     | 4,737.62 | 8     | 4,379.58 | 8     | 4,021.55 | 8     | 3,663.52 | 8     | 3,305.49 | 8     | 2,947.46 | 8     | 2,589.42 | 8     | 2,231.39 | 8      | 1,873.36 | 8      | 1,515.33 | 8      | 1,157.30 | 8      | 799.26   | 8      | 441.67 | 8      | 107.17 | 8      |         |
| 1/4   | 5,073.34 | 1/4   | 4,730.16 | 1/4   | 4,372.13 | 1/4   | 4,014.09 | 1/4   | 3,656.06 | 1/4   | 3,298.03 | 1/4   | 2,940.00 | 1/4   | 2,581.97 | 1/4   | 2,223.93 | 1/4    | 1,865.90 | 1/4    | 1,507.87 | 1/4    | 1,149.84 | 1/4    | 791.81   | 1/4    | 434.39 | 1/4    | 100.64 | 1/4    |         |
| 1/2   | 5,064.63 | 1/2   | 4,722.70 | 1/2   | 4,364.67 | 1/2   | 4,006.63 | 1/2   | 3,648.60 | 1/2   | 3,290.57 | 1/2   | 2,932.54 | 1/2   | 2,574.51 | 1/2   | 2,216.47 | 1/2    | 1,858.44 | 1/2    | 1,500.41 | 1/2    | 1,142.38 | 1/2    | 784.35   | 1/2    | 427.11 | 1/2    | 94.10  | 1/2    |         |
| 3/4   | 5,060.27 | 3/4   | 4,715.24 | 3/4   | 4,357.21 | 3/4   | 3,999.18 | 3/4   | 3,641.14 | 3/4   | 3,283.11 | 3/4   | 2,925.08 | 3/4   | 2,567.05 | 3/4   | 2,209.02 | 3/4    | 1,850.98 | 3/4    | 1        |        |          |        |          |        |        |        |        |        |         |



Barge "SMI-30022" Settoon Towing, LLC OUTAGE TABLE

TANK NO. 1 STAR

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

HULL NO. 2191-2

Table with columns for gauge height (1 FT. to 16 FT.) and capacity (N, 1/4, 1/2, 3/4) for each height. Includes a diagonal line in the first few rows and a note about capacity below strike point.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/11/11

\* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 16'-0 1/4" (TO RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

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 logo and name





## Barge "SMI-30022" Settoon Towing, LLC OUTAGE TABLE

**TANK NO.  
2 PORT OR STAR**

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

**HULL NO. 2191-2**

| 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. |        | 15 FT. |        |     |       |     |      |   |      |
|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|-----|-------|-----|------|---|------|
| N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N      |          | N      |          | N      |          | N      |          | N      |        | N      |        | N   |       |     |      |   |      |
| 0     |          | 0     | 5,017.96 | 0     | 4,658.49 | 0     | 4,299.01 | 0     | 3,939.54 | 0     | 3,580.07 | 0     | 3,220.60 | 0     | 2,861.13 | 0     | 2,501.65 | 0      | 2,142.18 | 0      | 1,782.71 | 0      | 1,423.24 | 0      | 1,063.77 | 0      | 704.29 | 0      | 344.82 | 0   | 34.82 |     |      |   |      |
| 1/4   |          | 1/4   | 5,010.47 | 1/4   | 4,651.00 | 1/4   | 4,291.53 | 1/4   | 3,932.05 | 1/4   | 3,572.58 | 1/4   | 3,213.11 | 1/4   | 2,853.64 | 1/4   | 2,494.17 | 1/4    | 2,134.69 | 1/4    | 1,775.22 | 1/4    | 1,415.75 | 1/4    | 1,056.28 | 1/4    | 696.81 | 1/4    | 337.33 | 1/4 | 37.33 |     |      |   |      |
| 1/2   |          | 1/2   | 5,002.98 | 1/2   | 4,643.51 | 1/2   | 4,284.04 | 1/2   | 3,924.56 | 1/2   | 3,565.09 | 1/2   | 3,205.62 | 1/2   | 2,846.15 | 1/2   | 2,486.68 | 1/2    | 2,127.20 | 1/2    | 1,767.73 | 1/2    | 1,408.26 | 1/2    | 1,048.79 | 1/2    | 689.32 | 1/2    | 329.84 | 1/2 | 29.84 | 1/2 | 2.84 |   |      |
| 3/4   |          | 3/4   | 4,995.49 | 3/4   | 4,636.02 | 3/4   | 4,276.55 | 3/4   | 3,917.08 | 3/4   | 3,557.60 | 3/4   | 3,198.13 | 3/4   | 2,838.66 | 3/4   | 2,479.19 | 3/4    | 2,119.72 | 3/4    | 1,760.24 | 3/4    | 1,400.77 | 3/4    | 1,041.30 | 3/4    | 681.83 | 3/4    | 322.36 | 3/4 | 22.36 | 3/4 | 2.36 |   |      |
| 1     |          | 1     | 4,988.00 | 1     | 4,628.53 | 1     | 4,269.06 | 1     | 3,909.59 | 1     | 3,550.11 | 1     | 3,190.64 | 1     | 2,831.17 | 1     | 2,471.70 | 1      | 2,112.23 | 1      | 1,752.75 | 1      | 1,393.28 | 1      | 1,033.81 | 1      | 674.34 | 1      | 314.87 | 1   | 14.87 | 1   | 1.48 |   |      |
| 1/4   |          | 1/4   | 4,980.51 | 1/4   | 4,621.04 | 1/4   | 4,261.57 | 1/4   | 3,902.10 | 1/4   | 3,542.63 | 1/4   | 3,183.15 | 1/4   | 2,823.68 | 1/4   | 2,464.21 | 1/4    | 2,104.74 | 1/4    | 1,745.27 | 1/4    | 1,385.79 | 1/4    | 1,026.32 | 1/4    | 666.85 | 1/4    | 307.38 | 1/4 | 10.73 | 1/4 | 1.07 |   |      |
| 1/2   |          | 1/2   | 4,973.02 | 1/2   | 4,613.55 | 1/2   | 4,254.08 | 1/2   | 3,894.61 | 1/2   | 3,535.14 | 1/2   | 3,175.66 | 1/2   | 2,816.19 | 1/2   | 2,456.72 | 1/2    | 2,097.26 | 1/2    | 1,737.78 | 1/2    | 1,378.30 | 1/2    | 1,018.83 | 1/2    | 658.90 | 1/2    | 298.91 | 1/2 | 9.89  | 1/2 | 0.98 |   |      |
| 3/4   |          | 3/4   | 4,965.54 | 3/4   | 4,606.06 | 3/4   | 4,246.59 | 3/4   | 3,887.12 | 3/4   | 3,527.65 | 3/4   | 3,168.18 | 3/4   | 2,808.70 | 3/4   | 2,449.23 | 3/4    | 2,089.76 | 3/4    | 1,730.29 | 3/4    | 1,370.82 | 3/4    | 1,011.34 | 3/4    | 651.87 | 3/4    | 292.40 | 3/4 | 2.40  | 3/4 | 0.24 |   |      |
| 2     |          | 2     | 4,958.05 | 2     | 4,598.57 | 2     | 4,239.10 | 2     | 3,879.63 | 2     | 3,520.16 | 2     | 3,160.69 | 2     | 2,801.21 | 2     | 2,441.74 | 2      | 2,082.27 | 2      | 1,722.80 | 2      | 1,363.33 | 2      | 1,003.85 | 2      | 644.38 | 2      | 284.91 | 2   | 14.91 | 2   | 1.49 | 2 | 0.14 |
| 1/4   |          | 1/4   | 4,950.56 | 1/4   | 4,591.09 | 1/4   | 4,231.61 | 1/4   | 3,872.14 | 1/4   | 3,512.67 | 1/4   | 3,153.20 | 1/4   | 2,793.73 | 1/4   | 2,434.25 | 1/4    | 2,074.78 | 1/4    | 1,715.31 | 1/4    | 1,355.84 | 1/4    | 996.37   | 1/4    | 636.89 | 1/4    | 277.42 | 1/4 | 7.42  | 1/4 | 0.74 |   |      |
| 1/2   |          | 1/2   | 4,943.07 | 1/2   | 4,583.60 | 1/2   | 4,224.12 | 1/2   | 3,864.65 | 1/2   | 3,505.18 | 1/2   | 3,145.71 | 1/2   | 2,786.24 | 1/2   | 2,426.76 | 1/2    | 2,067.29 | 1/2    | 1,707.82 | 1/2    | 1,348.35 | 1/2    | 988.88   | 1/2    | 629.40 | 1/2    | 269.93 | 1/2 | 6.93  | 1/2 | 0.69 |   |      |
| 3/4   |          | 3/4   | 4,935.58 | 3/4   | 4,576.11 | 3/4   | 4,216.64 | 3/4   | 3,857.16 | 3/4   | 3,497.69 | 3/4   | 3,138.22 | 3/4   | 2,778.75 | 3/4   | 2,419.28 | 3/4    | 2,059.80 | 3/4    | 1,700.33 | 3/4    | 1,340.86 | 3/4    | 981.39   | 3/4    | 621.92 | 3/4    | 262.44 | 3/4 | 2.44  | 3/4 | 0.24 |   |      |
| 3     |          | 3     | 4,928.09 | 3     | 4,568.62 | 3     | 4,209.15 | 3     | 3,849.67 | 3     | 3,490.20 | 3     | 3,130.73 | 3     | 2,771.26 | 3     | 2,411.79 | 3      | 2,052.31 | 3      | 1,692.84 | 3      | 1,333.37 | 3      | 973.90   | 3      | 614.43 | 3      | 254.95 | 3   | 14.95 | 3   | 1.49 | 3 | 0.14 |
| 1/4   |          | 1/4   | 4,920.60 | 1/4   | 4,561.13 | 1/4   | 4,201.66 | 1/4   | 3,842.19 | 1/4   | 3,482.71 | 1/4   | 3,123.24 | 1/4   | 2,763.77 | 1/4   | 2,404.30 | 1/4    | 2,044.83 | 1/4    | 1,685.35 | 1/4    | 1,325.88 | 1/4    | 966.41   | 1/4    | 606.94 | 1/4    | 247.47 | 1/4 | 24.74 | 1/4 | 2.47 |   |      |
| 1/2   |          | 1/2   | 4,913.11 | 1/2   | 4,553.64 | 1/2   | 4,194.17 | 1/2   | 3,834.70 | 1/2   | 3,475.22 | 1/2   | 3,115.75 | 1/2   | 2,756.28 | 1/2   | 2,396.81 | 1/2    | 2,037.34 | 1/2    | 1,677.86 | 1/2    | 1,318.39 | 1/2    | 958.92   | 1/2    | 599.45 | 1/2    | 239.98 | 1/2 | 23.98 | 1/2 | 2.39 |   |      |
| 3/4   |          | 3/4   | 4,905.62 | 3/4   | 4,546.15 | 3/4   | 4,186.68 | 3/4   | 3,827.21 | 3/4   | 3,467.74 | 3/4   | 3,108.26 | 3/4   | 2,748.79 | 3/4   | 2,389.32 | 3/4    | 2,029.85 | 3/4    | 1,670.38 | 3/4    | 1,310.90 | 3/4    | 951.43   | 3/4    | 591.96 | 3/4    | 232.49 | 3/4 | 23.24 | 3/4 | 2.32 |   |      |
| 4     |          | 4     | 4,898.13 | 4     | 4,538.66 | 4     | 4,179.19 | 4     | 3,819.72 | 4     | 3,460.25 | 4     | 3,100.77 | 4     | 2,741.30 | 4     | 2,381.83 | 4      | 2,022.36 | 4      | 1,662.89 | 4      | 1,303.41 | 4      | 943.94   | 4      | 584.47 | 4      | 225.00 | 4   | 15.00 | 4   | 1.50 | 4 | 0.15 |
| 1/4   |          | 1/4   | 4,890.65 | 1/4   | 4,531.17 | 1/4   | 4,171.70 | 1/4   | 3,812.23 | 1/4   | 3,452.76 | 1/4   | 3,093.29 | 1/4   | 2,733.81 | 1/4   | 2,374.34 | 1/4    | 2,014.87 | 1/4    | 1,655.40 | 1/4    | 1,295.93 | 1/4    | 936.46   | 1/4    | 576.98 | 1/4    | 217.51 | 1/4 | 21.75 | 1/4 | 2.17 |   |      |
| 1/2   | 5,152.83 | 1/2   | 4,883.16 | 1/2   | 4,523.68 | 1/2   | 4,164.21 | 1/2   | 3,804.74 | 1/2   | 3,445.27 | 1/2   | 3,085.80 | 1/2   | 2,726.32 | 1/2   | 2,366.85 | 1/2    | 2,007.38 | 1/2    | 1,647.91 | 1/2    | 1,288.44 | 1/2    | 928.96   | 1/2    | 569.49 | 1/2    | 210.02 | 1/2 | 21.02 | 1/2 | 2.10 |   |      |
| 3/4   | 5,152.21 | 3/4   | 4,875.67 | 3/4   | 4,516.20 | 3/4   | 4,156.72 | 3/4   | 3,797.25 | 3/4   | 3,437.78 | 3/4   | 3,078.31 | 3/4   | 2,718.84 | 3/4   | 2,359.36 | 3/4    | 1,999.89 | 3/4    | 1,640.42 | 3/4    | 1,280.95 | 3/4    | 921.48   | 3/4    | 562.00 | 3/4    | 202.53 | 3/4 | 20.25 | 3/4 | 2.02 |   |      |
| 5     | 5,151.58 | 5     | 4,868.18 | 5     | 4,508.71 | 5     | 4,149.23 | 5     | 3,789.76 | 5     | 3,430.29 | 5     | 3,070.82 | 5     | 2,711.35 | 5     | 2,351.87 | 5      | 1,992.40 | 5      | 1,632.93 | 5      | 1,273.46 | 5      | 913.99   | 5      | 554.51 | 5      | 195.04 | 5   | 19.50 | 5   | 1.95 |   |      |
| 1/4   | 5,150.96 | 1/4   | 4,860.69 | 1/4   | 4,501.22 | 1/4   | 4,141.75 | 1/4   | 3,780.27 | 1/4   | 3,420.80 | 1/4   | 3,061.33 | 1/4   | 2,701.86 | 1/4   | 2,342.39 | 1/4    | 1,983.91 | 1/4    | 1,624.44 | 1/4    | 1,265.97 | 1/4    | 906.50   | 1/4    | 547.03 | 1/4    | 187.55 | 1/4 | 18.75 |     |      |   |      |
| 1/2   | 5,150.33 | 1/2   | 4,853.20 | 1/2   | 4,493.73 | 1/2   | 4,134.26 | 1/2   | 3,771.78 | 1/2   | 3,412.31 | 1/2   | 3,052.84 | 1/2   | 2,693.37 | 1/2   | 2,333.90 | 1/2    | 1,974.42 | 1/2    | 1,614.95 | 1/2    | 1,256.48 | 1/2    | 899.01   | 1/2    | 539.54 | 1/2    | 180.06 | 1/2 | 18.00 |     |      |   |      |
| 3/4   | 5,148.46 | 3/4   | 4,845.71 | 3/4   | 4,486.24 | 3/4   | 4,126.77 | 3/4   | 3,762.30 | 3/4   | 3,402.83 | 3/4   | 3,043.36 | 3/4   | 2,683.88 | 3/4   | 2,324.41 | 3/4    | 1,964.94 | 3/4    | 1,605.46 | 3/4    | 1,247.99 | 3/4    | 891.52   | 3/4    | 532.05 | 3/4    | 172.58 | 3/4 | 17.25 |     |      |   |      |
| 6     | 5,146.58 | 6     | 4,838.22 | 6     | 4,478.75 | 6     | 4,119.28 | 6     | 3,759.81 | 6     | 3,400.33 | 6     | 3,040.86 | 6     | 2,681.39 | 6     | 2,321.92 | 6      | 1,962.45 | 6      | 1,602.97 | 6      | 1,243.50 | 6      | 884.03   | 6      | 524.56 | 6      | 165.09 | 6   | 16.50 |     |      |   |      |
| 1/4   | 5,144.71 | 1/4   | 4,830.73 | 1/4   | 4,471.26 | 1/4   | 4,111.79 | 1/4   | 3,750.32 | 1/4   | 3,390.85 | 1/4   | 3,031.37 | 1/4   | 2,671.90 | 1/4   | 2,312.43 | 1/4    | 1,952.96 | 1/4    | 1,593.49 | 1/4    | 1,234.02 | 1/4    | 876.54   | 1/4    | 517.07 | 1/4    | 157.60 | 1/4 | 15.76 |     |      |   |      |
| 1/2   | 5,142.84 | 1/2   | 4,823.24 | 1/2   | 4,463.77 | 1/2   | 4,104.30 | 1/2   | 3,741.83 | 1/2   | 3,382.36 | 1/2   | 3,022.88 | 1/2   | 2,662.41 | 1/2   | 2,302.94 | 1/2    | 1,943.47 | 1/2    | 1,583.99 | 1/2    | 1,225.52 | 1/2    | 868.05   | 1/2    | 509.58 | 1/2    | 150.11 | 1/2 | 15.01 |     |      |   |      |
| 3/4   | 5,139.71 | 3/4   | 4,815.76 | 3/4   | 4,455.28 | 3/4   | 4,095.81 | 3/4   | 3,732.34 | 3/4   | 3,372.87 | 3/4   | 3,013.40 | 3/4   | 2,652.92 | 3/4   | 2,293.45 | 3/4    | 1,933.98 | 3/4    | 1,574.50 | 3/4    | 1,216.04 | 3/4    | 860.56   | 3/4    | 502.09 | 3/4    | 142.82 | 3/4 | 14.28 |     |      |   |      |
| 7     | 5,136.59 | 7     | 4,808.27 | 7     | 4,448.79 | 7     | 4,089.32 | 7     | 3,729.85 | 7     | 3,370.38 | 7     | 3,010.91 | 7     | 2,651.43 | 7     | 2,291.96 | 7      | 1,932.49 | 7      | 1,573.02 | 7      | 1,213.55 | 7      | 854.07   | 7      | 494.60 | 7      | 135.13 | 7   | 13.51 |     |      |   |      |
| 1/4   | 5,133.47 | 1/4   | 4,800.78 | 1/4   | 4,441.31 | 1/4   | 4,081.83 | 1/4   | 3,720.36 | 1/4   | 3,360.89 | 1/4   | 3,001.42 | 1/4   | 2,641.95 | 1/4   | 2,282.47 | 1/4    | 1,922.99 | 1/4    | 1,563.52 | 1/4    | 1,205.06 | 1/4    | 846.59   | 1/4    | 487.11 | 1/4    | 127.64 | 1/4 | 12.76 |     |      |   |      |
| 1/2   | 5,130.34 | 1/2   | 4,793.29 | 1/2   | 4,433.82 | 1/2   | 4,074.34 | 1/2   | 3,711.87 | 1/2   | 3,351.40 | 1/2   | 2,991.93 | 1/2   | 2,632.46 | 1/2   | 2,272.98 | 1/2    | 1,913.51 | 1/2    | 1,554.04 | 1/2    | 1,196.57 | 1/2    | 839.10   | 1/2    | 479.62 | 1/2    | 120.15 | 1/2 | 12.01 |     |      |   |      |
| 3/4   | 5,125.97 | 3/4   | 4,785.80 | 3/4   | 4,426.33 | 3/4   | 4,065.86 | 3/4   | 3,702.38 | 3/4   | 3,342.91 | 3/4   | 2,983.44 | 3/4   | 2,623.97 | 3/4   | 2,264.50 | 3/4    | 1,905.02 | 3/4    | 1,545.55 | 3/4    | 1,189.08 | 3/4    | 831.61   | 3/4    | 472.14 | 3/4    | 112.66 | 3/4 | 11.26 |     |      |   |      |
| 8     | 5,121.60 | 8     | 4,778.31 | 8     | 4,418.84 | 8     | 4,059.37 | 8     | 3,699.90 | 8     | 3,340.42 | 8     | 2,980.95 | 8     | 2,621.48 | 8     | 2,262.01 | 8      | 1,902.53 | 8      | 1,543.06 | 8      | 1,183.59 | 8      | 824.12   | 8      | 464.65 | 8      | 105.17 | 8   | 10.51 |     |      |   |      |
| 1/4   | 5,117.23 | 1/4   | 4,770.82 | 1/4   | 4,411.35 | 1/4   | 4,051.88 | 1/4   | 3,690.41 | 1/4   |          |       |          |       |          |       |          |        |          |        |          |        |          |        |          |        |        |        |        |     |       |     |      |   |      |



## Barge "SMI-30022" Settoon Towing, LLC OUTAGE TABLE

TANK NO.  
3 PORT OR STAR

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

HULL NO. 2191-2

| 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. |        | 15 FT. |        |   |  |
|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|---|--|
| N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N     |          | N      |          | N      |          | N      |          | N      |          | N      |        | N      |        | N |  |
| 0     |          | 0     | 4,420.66 | 0     | 4,200.34 | 0     | 3,980.02 | 0     | 3,769.70 | 0     | 3,537.83 | 0     | 3,203.83 | 0     | 2,845.07 | 0     | 2,486.32 | 0      | 2,127.57 | 0      | 1,768.82 | 0      | 1,410.07 | 0      | 1,052.60 | 0      | 694.43 | 0      | 336.16 |   |  |
| 1/4   |          | 1/4   | 4,416.07 | 1/4   | 4,195.75 | 1/4   | 3,975.43 | 1/4   | 3,765.11 | 1/4   | 3,532.80 | 1/4   | 3,196.35 | 1/4   | 2,837.60 | 1/4   | 2,478.85 | 1/4    | 2,120.10 | 1/4    | 1,761.34 | 1/4    | 1,402.59 | 1/4    | 1,045.16 | 1/4    | 686.97 | 1/4    | 328.70 |   |  |
| 1/2   |          | 1/2   | 4,411.48 | 1/2   | 4,191.16 | 1/2   | 3,970.84 | 1/2   | 3,760.52 | 1/2   | 3,527.33 | 1/2   | 3,188.88 | 1/2   | 2,830.13 | 1/2   | 2,471.37 | 1/2    | 2,112.62 | 1/2    | 1,753.87 | 1/2    | 1,395.12 | 1/2    | 1,037.72 | 1/2    | 679.50 | 1/2    | 321.23 |   |  |
| 3/4   |          | 3/4   | 4,406.89 | 3/4   | 4,186.57 | 3/4   | 3,966.25 | 3/4   | 3,745.93 | 3/4   | 3,521.85 | 3/4   | 3,181.40 | 3/4   | 2,822.65 | 3/4   | 2,463.90 | 3/4    | 2,105.15 | 3/4    | 1,746.40 | 3/4    | 1,387.64 | 3/4    | 1,030.27 | 3/4    | 672.04 | 3/4    | 313.77 |   |  |
| 1     |          | 1     | 4,402.30 | 1     | 4,181.98 | 1     | 3,961.66 | 1     | 3,741.34 | 1     | 3,517.93 | 1     | 3,173.93 | 1     | 2,815.18 | 1     | 2,456.43 | 1      | 2,097.67 | 1      | 1,738.92 | 1      | 1,380.17 | 1      | 1,022.83 | 1      | 664.68 | 1      | 306.30 |   |  |
| 1/4   |          | 1/4   | 4,397.71 | 1/4   | 4,177.39 | 1/4   | 3,957.07 | 1/4   | 3,736.75 | 1/4   | 3,510.90 | 1/4   | 3,166.46 | 1/4   | 2,807.70 | 1/4   | 2,448.95 | 1/4    | 2,090.20 | 1/4    | 1,731.45 | 1/4    | 1,372.70 | 1/4    | 1,015.38 | 1/4    | 657.11 | 1/4    | 298.84 |   |  |
| 1/2   |          | 1/2   | 4,393.12 | 1/2   | 4,172.80 | 1/2   | 3,952.48 | 1/2   | 3,732.16 | 1/2   | 3,504.99 | 1/2   | 3,158.98 | 1/2   | 2,800.23 | 1/2   | 2,441.48 | 1/2    | 2,082.73 | 1/2    | 1,723.97 | 1/2    | 1,365.25 | 1/2    | 1,007.92 | 1/2    | 649.65 | 1/2    | 291.38 |   |  |
| 3/4   |          | 3/4   | 4,388.53 | 3/4   | 4,168.21 | 3/4   | 3,947.89 | 3/4   | 3,727.57 | 3/4   | 3,499.07 | 3/4   | 3,151.51 | 3/4   | 2,792.76 | 3/4   | 2,434.00 | 3/4    | 2,075.25 | 3/4    | 1,716.50 | 3/4    | 1,357.81 | 3/4    | 1,000.46 | 3/4    | 642.18 | 3/4    | 283.91 |   |  |
| 2     |          | 2     | 4,383.94 | 2     | 4,163.62 | 2     | 3,943.30 | 2     | 3,722.98 | 2     | 3,493.16 | 2     | 3,144.03 | 2     | 2,785.28 | 2     | 2,426.53 | 2      | 2,067.78 | 2      | 1,709.03 | 2      | 1,350.36 | 2      | 992.99   | 2      | 634.72 | 2      | 276.45 |   |  |
| 1/4   |          | 1/4   | 4,379.35 | 1/4   | 4,159.03 | 1/4   | 3,938.71 | 1/4   | 3,718.39 | 1/4   | 3,487.24 | 1/4   | 3,136.56 | 1/4   | 2,777.81 | 1/4   | 2,419.06 | 1/4    | 2,060.30 | 1/4    | 1,701.55 | 1/4    | 1,342.92 | 1/4    | 985.53   | 1/4    | 627.26 | 1/4    | 268.98 |   |  |
| 1/2   |          | 1/2   | 4,374.76 | 1/2   | 4,154.44 | 1/2   | 3,934.12 | 1/2   | 3,713.80 | 1/2   | 3,480.88 | 1/2   | 3,129.09 | 1/2   | 2,770.33 | 1/2   | 2,411.58 | 1/2    | 2,052.83 | 1/2    | 1,694.08 | 1/2    | 1,335.48 | 1/2    | 978.06   | 1/2    | 619.79 | 1/2    | 261.52 |   |  |
| 3/4   |          | 3/4   | 4,370.17 | 3/4   | 4,149.85 | 3/4   | 3,929.53 | 3/4   | 3,709.21 | 3/4   | 3,474.52 | 3/4   | 3,121.61 | 3/4   | 2,762.86 | 3/4   | 2,404.11 | 3/4    | 2,045.36 | 3/4    | 1,686.60 | 3/4    | 1,328.03 | 3/4    | 970.60   | 3/4    | 612.33 | 3/4    | 254.06 |   |  |
| 3     |          | 3     | 4,365.58 | 3     | 4,145.26 | 3     | 3,924.94 | 3     | 3,704.62 | 3     | 3,468.16 | 3     | 3,114.14 | 3     | 2,755.39 | 3     | 2,396.63 | 3      | 2,037.88 | 3      | 1,679.13 | 3      | 1,320.59 | 3      | 963.14   | 3      | 604.86 | 3      | 246.59 |   |  |
| 1/4   |          | 1/4   | 4,360.99 | 1/4   | 4,140.67 | 1/4   | 3,920.35 | 1/4   | 3,700.03 | 1/4   | 3,461.80 | 1/4   | 3,106.66 | 1/4   | 2,747.91 | 1/4   | 2,389.16 | 1/4    | 2,030.41 | 1/4    | 1,671.66 | 1/4    | 1,313.14 | 1/4    | 955.67   | 1/4    | 597.40 | 1/4    | 239.13 |   |  |
| 1/2   |          | 1/2   | 4,356.40 | 1/2   | 4,136.08 | 1/2   | 3,915.76 | 1/2   | 3,695.44 | 1/2   | 3,455.00 | 1/2   | 3,099.19 | 1/2   | 2,740.44 | 1/2   | 2,381.69 | 1/2    | 2,022.93 | 1/2    | 1,664.18 | 1/2    | 1,305.70 | 1/2    | 948.21   | 1/2    | 589.94 | 1/2    | 231.66 |   |  |
| 3/4   |          | 3/4   | 4,351.81 | 3/4   | 4,131.49 | 3/4   | 3,911.17 | 3/4   | 3,690.85 | 3/4   | 3,448.20 | 3/4   | 3,091.72 | 3/4   | 2,732.96 | 3/4   | 2,374.21 | 3/4    | 2,015.46 | 3/4    | 1,656.71 | 3/4    | 1,298.26 | 3/4    | 940.74   | 3/4    | 582.47 | 3/4    | 224.20 |   |  |
| 4     |          | 4     | 4,347.22 | 4     | 4,126.90 | 4     | 3,906.58 | 4     | 3,686.26 | 4     | 3,441.40 | 4     | 3,084.24 | 4     | 2,725.49 | 4     | 2,366.74 | 4      | 2,007.99 | 4      | 1,649.23 | 4      | 1,290.81 | 4      | 933.28   | 4      | 575.01 | 4      | 216.74 |   |  |
| 1/4   | 4,507.86 | 1/4   | 4,342.63 | 1/4   | 4,122.31 | 1/4   | 3,901.99 | 1/4   | 3,681.67 | 1/4   | 3,434.60 | 1/4   | 3,076.77 | 1/4   | 2,718.02 | 1/4   | 2,359.26 | 1/4    | 2,000.51 | 1/4    | 1,641.76 | 1/4    | 1,283.37 | 1/4    | 926.82   | 1/4    | 567.64 | 1/4    | 209.27 |   |  |
| 1/2   | 4,507.48 | 1/2   | 4,338.04 | 1/2   | 4,117.72 | 1/2   | 3,897.40 | 1/2   | 3,677.08 | 1/2   | 3,427.36 | 1/2   | 3,069.29 | 1/2   | 2,710.54 | 1/2   | 2,351.79 | 1/2    | 1,993.04 | 1/2    | 1,634.29 | 1/2    | 1,275.92 | 1/2    | 918.35   | 1/2    | 560.08 | 1/2    | 201.81 |   |  |
| 3/4   | 4,507.09 | 3/4   | 4,333.45 | 3/4   | 4,113.13 | 3/4   | 3,892.81 | 3/4   | 3,672.49 | 3/4   | 3,420.11 | 3/4   | 3,061.82 | 3/4   | 2,703.07 | 3/4   | 2,344.32 | 3/4    | 1,985.56 | 3/4    | 1,626.81 | 3/4    | 1,268.48 | 3/4    | 910.89   | 3/4    | 552.62 | 3/4    | 194.34 |   |  |
| 5     | 4,506.71 | 5     | 4,328.86 | 5     | 4,108.54 | 5     | 3,888.22 | 5     | 3,667.90 | 5     | 3,412.87 | 5     | 3,054.35 | 5     | 2,695.59 | 5     | 2,336.84 | 5      | 1,978.09 | 5      | 1,619.34 | 5      | 1,261.04 | 5      | 903.42   | 5      | 545.15 | 5      | 186.88 |   |  |
| 1/4   | 4,506.33 | 1/4   | 4,324.27 | 1/4   | 4,103.95 | 1/4   | 3,883.63 | 1/4   | 3,663.31 | 1/4   | 3,406.67 | 1/4   | 3,046.87 | 1/4   | 2,688.12 | 1/4   | 2,329.37 | 1/4    | 1,970.62 | 1/4    | 1,611.86 | 1/4    | 1,253.59 | 1/4    | 895.96   | 1/4    | 537.69 | 1/4    | 179.42 |   |  |
| 1/2   | 4,505.18 | 1/2   | 4,319.68 | 1/2   | 4,099.36 | 1/2   | 3,879.04 | 1/2   | 3,658.72 | 1/2   | 3,398.15 | 1/2   | 3,039.40 | 1/2   | 2,680.65 | 1/2   | 2,321.89 | 1/2    | 1,963.14 | 1/2    | 1,604.39 | 1/2    | 1,246.15 | 1/2    | 888.50   | 1/2    | 530.22 | 1/2    | 171.95 |   |  |
| 3/4   | 4,504.03 | 3/4   | 4,315.09 | 3/4   | 4,094.77 | 3/4   | 3,874.45 | 3/4   | 3,654.13 | 3/4   | 3,390.68 | 3/4   | 3,031.92 | 3/4   | 2,673.17 | 3/4   | 2,314.42 | 3/4    | 1,955.87 | 3/4    | 1,596.92 | 3/4    | 1,238.70 | 3/4    | 881.03   | 3/4    | 522.76 | 3/4    | 164.49 |   |  |
| 6     | 4,502.89 | 6     | 4,310.50 | 6     | 4,090.18 | 6     | 3,869.86 | 6     | 3,649.54 | 6     | 3,383.20 | 6     | 3,024.45 | 6     | 2,665.70 | 6     | 2,306.95 | 6      | 1,948.19 | 6      | 1,589.44 | 6      | 1,231.26 | 6      | 873.57   | 6      | 516.30 | 6      | 157.02 |   |  |
| 1/4   | 4,501.74 | 1/4   | 4,305.91 | 1/4   | 4,085.59 | 1/4   | 3,865.27 | 1/4   | 3,644.95 | 1/4   | 3,375.73 | 1/4   | 3,016.98 | 1/4   | 2,658.22 | 1/4   | 2,299.47 | 1/4    | 1,940.72 | 1/4    | 1,581.97 | 1/4    | 1,223.82 | 1/4    | 866.10   | 1/4    | 507.83 | 1/4    | 149.56 |   |  |
| 1/2   | 4,499.83 | 1/2   | 4,301.32 | 1/2   | 4,081.00 | 1/2   | 3,860.68 | 1/2   | 3,640.36 | 1/2   | 3,368.25 | 1/2   | 3,009.50 | 1/2   | 2,650.75 | 1/2   | 2,292.00 | 1/2    | 1,933.25 | 1/2    | 1,574.49 | 1/2    | 1,216.37 | 1/2    | 858.64   | 1/2    | 500.37 | 1/2    | 142.10 |   |  |
| 3/4   | 4,497.92 | 3/4   | 4,296.73 | 3/4   | 4,076.41 | 3/4   | 3,856.09 | 3/4   | 3,635.77 | 3/4   | 3,360.78 | 3/4   | 3,002.03 | 3/4   | 2,643.28 | 3/4   | 2,284.52 | 3/4    | 1,925.77 | 3/4    | 1,567.02 | 3/4    | 1,208.93 | 3/4    | 851.18   | 3/4    | 492.90 | 3/4    | 134.63 |   |  |
| 7     | 4,496.00 | 7     | 4,292.14 | 7     | 4,071.82 | 7     | 3,851.50 | 7     | 3,631.18 | 7     | 3,353.31 | 7     | 2,994.55 | 7     | 2,635.80 | 7     | 2,277.05 | 7      | 1,918.30 | 7      | 1,559.55 | 7      | 1,201.48 | 7      | 843.71   | 7      | 485.44 | 7      | 127.17 |   |  |
| 1/4   | 4,494.09 | 1/4   | 4,287.55 | 1/4   | 4,067.23 | 1/4   | 3,846.91 | 1/4   | 3,626.59 | 1/4   | 3,345.83 | 1/4   | 2,987.08 | 1/4   | 2,628.33 | 1/4   | 2,269.58 | 1/4    | 1,910.82 | 1/4    | 1,552.07 | 1/4    | 1,194.04 | 1/4    | 836.25   | 1/4    | 477.98 | 1/4    | 119.70 |   |  |
| 1/2   | 4,491.42 | 1/2   | 4,282.96 | 1/2   | 4,062.64 | 1/2   | 3,842.32 | 1/2   | 3,622.00 | 1/2   | 3,338.36 | 1/2   | 2,979.61 | 1/2   | 2,620.85 | 1/2   | 2,262.10 | 1/2    | 1,903.35 | 1/2    | 1,544.60 | 1/2    | 1,186.60 | 1/2    | 828.78   | 1/2    | 470.51 | 1/2    | 112.24 |   |  |
| 3/4   | 4,488.74 | 3/4   | 4,278.37 | 3/4   | 4,058.05 | 3/4   | 3,837.73 | 3/4   | 3,617.41 | 3/4   | 3,330.88 | 3/4   | 2,972.13 | 3/4   | 2,613.38 | 3/4   | 2,254.63 | 3/4    | 1,895.88 | 3/4    | 1,537.12 | 3/4    | 1,179.15 | 3/4    | 821.32   | 3/4    | 463.05 | 3/4    | 104.78 |   |  |
| 8     | 4,486.06 | 8     | 4,273.78 | 8     | 4,053.46 | 8     | 3,833.14 | 8     | 3,612.82 | 8     | 3,323.41 | 8     | 2,964.66 | 8     | 2,605.91 | 8     | 2,247.15 | 8      | 1,888.40 | 8      | 1,529.65 | 8      | 1,171.71 | 8      | 813.88   | 8      | 455.68 | 8      | 97.31  |   |  |
| 1/4   | 4,483.38 | 1/4   | 4,269.19 | 1/4   | 4,048.87 | 1/4   | 3,828.55 | 1/4   | 3,608.23 | 1/4   | 3,315.94 | 1/4   | 2,957.18 | 1/4   | 2,598.43 | 1/4   | 2,239.68 | 1/4    | 1,880.93 | 1/4    | 1,522.18 | 1/4    | 1,164.26 | 1/4    | 806.39   | 1/4    | 448.12 | 1/4    | 89.85  |   |  |
| 1/2   | 4,479.94 | 1/2   | 4,264.60 | 1/2   | 4,044.28 | 1/2   | 3,823.96 | 1/2   | 3,603.64 | 1/2   | 3,308.46 | 1/2   | 2,949.71 | 1/2   | 2,590.96 | 1/2   | 2,232.21 | 1/2    | 1,873.45 | 1/2    | 1,514.70 | 1/2    | 1,156.82 | 1/2    | 798.93   | 1/2    | 440.66 | 1/2    | 82.38  |   |  |
| 3/4   | 4,476.50 | 3/4   | 4,260.01 | 3/4   | 4,039.69 | 3/4   | 3,819.37 | 3/4   | 3,599.05 | 3/4   | 3,300.99 | 3/4   | 2,942.24 | 3/4   | 2,583.48 | 3/4   | 2,224.73 | 3/4    | 1,865.98 | 3/4    | 1,507.23 | 3/4    | 1,149.38 | 3/4    | 791.46   | 3/4    | 433.19 | 3/4    | 74.92  |   |  |
| 9     | 4,473.06 | 9     | 4,255.42 | 9     | 4,035.10 | 9     | 3,814.78 | 9     | 3,594.46 | 9     | 3,293.51 | 9     |          |       |          |       |          |        |          |        |          |        |          |        |          |        |        |        |        |   |  |