

#### **INNAGE TRIM TABLE**

|        | 1 I        | FT.          | 2 F        | =T.          | 3          | FT.          | 4          | FT.          | 5 I        | =T.          | 6 l        | -Τ.          |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|        | <b>BOW</b> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | - 00-0/8   | 00-0/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/4   | 00-1/4       |
| 1 STBD | - 00-0/8   | 00-0/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/4   | 00-1/4       |
| 2 PORT | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       |
| 2 STBD | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       |
| 3 PORT | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       |
| 3 STBD | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

#### **EXAMPLE FOR ABOVE TRIM CORRECTIONS:**

FWD. DRAFT = 1'-00" AFT DRAFT = 4'-00"

DIFF. = 3'-00'' (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

**LENGTH BETWEEN DRAFT MARKS: 238'-06"** 

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### 1 PORT

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| CAPACI | TIES GIVEN IN WHO | JLE GAL | LONS   |     |        |     |                  |              |        |               |        |     |                  |     |         |     | GAUGE          | LIGHT | 15'-11" |
|--------|-------------------|---------|--------|-----|--------|-----|------------------|--------------|--------|---------------|--------|-----|------------------|-----|---------|-----|----------------|-------|---------|
| IN     | 0 FT.             | IN      | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.            | IN           | 4 FT.  | IN            | 5 FT.  | IN  | 6 FT.            | IN  | 7 FT.   | IN  | 8 FT.          | IN    | 9 FT.   |
| 0      | 385               | 0       | 13,241 | 0   | 28,156 | 0   | 43,167           | 0            | 58,116 | 0             | 73,085 | 0   | 88,096           | 0   | 103,107 | 0   | 118,114        | 0     | 133,119 |
| 1/4    | 562               | 1/4     | 13,542 | 1/4 | 28,469 | 1/4 | 43,479           | 1/4          | 58,426 | 1/4           | 73,397 | 1/4 | 88,409           | 1/4 | 103,420 | 1/4 | 118,427        | 1/4   | 133,432 |
|        | 739               | 1/4     | 13,844 | _   | 28,781 |     | 43,792           |              | 58,737 |               | 73,710 |     | 88,722           |     | 103,733 |     | 118,739        |       | 133,744 |
| 1/2    | 915               |         |        | 1/2 | 29,094 | 1/2 | 43,792<br>44,105 | 1/2          |        | 1/2           | 74,023 | 1/2 | 88,722<br>89,034 | 1/2 |         | 1/2 | 118,739        | 1/2   | 133,744 |
| 3/4    |                   | 3/4     | 14,145 | 3/4 | ,      | 3/4 | ,                | 3/4          | 59,047 | 3/4           |        | 3/4 |                  | 3/4 | 104,046 | 3/4 |                | 3/4   |         |
| 1      | 1,092             | 1       | 14,446 | 1   | 29,407 | 1   | 44,418           | 1            | 59,358 | 1             | 74,336 | 1   | 89,347           | 1   | 104,358 | 1   | 119,365        | 1     | 134,369 |
| 1/4    | 1,331             | 1/4     | 14,751 | 1/4 | 29,719 | 1/4 | 44,730           | 1/4          | 59,668 | 1/4           | 74,648 | 1/4 | 89,660           | 1/4 | 104,671 | 1/4 | 119,677        | 1/4   | 134,682 |
| 1/2    | 1,569             | 1/2     | 15,056 | 1/2 | 30,032 | 1/2 | 45,043           | 1/2          | 59,978 | 1/2           | 74,961 | 1/2 | 89,972           | 1/2 | 104,984 | 1/2 | 119,990        | 1/2   | 134,995 |
| 3/4    | 1,808             | 3/4     | 15,361 | 3/4 | 30,345 | 3/4 | 45,356           | 3/4          | 60,289 | 3/4           | 75,274 | 3/4 | 90,285           | 3/4 | 105,297 | 3/4 | 120,302        | 3/4   | 135,307 |
| 2      | 2,046             | 2       | 15,666 | 2   | 30,658 | 2   | 45,669           | 2            | 60,599 | 2             | 75,587 | 2   | 90,598           | 2   | 105,609 | 2   | 120,615        | 2     | 135,620 |
| 1/4    | 2,308             | 1/4     | 15,975 | 1/4 | 30,970 | 1/4 | 45,981           | 1/4          | 60,909 | 1/4           | 75,899 | 1/4 | 90,911           | 1/4 | 105,922 | 1/4 | 120,928        | 1/4   | 135,932 |
| 1/2    | 2,569             | 1/2     | 16,284 | 1/2 | 31,283 | 1/2 | 46,294           | 1/2          | 61,220 | 1/2           | 76,212 | 1/2 | 91,223           | 1/2 | 106,235 | 1/2 | 121,240        | 1/2   | 136,245 |
| 3/4    | 2,831             | 3/4     | 16,593 | 3/4 | 31,596 | 3/4 | 46,607           | 3/4          | 61,530 | 3/4           | 76,525 | 3/4 | 91,536           | 3/4 | 106,547 | 3/4 | 121,553        | 3/4   | 136,558 |
| 3      | 3,093             | 3       | 16,901 | 3   | 31,909 | 3   | 46,919           | 3            | 61,841 | 3             | 76,838 | 3   | 91,849           | 3   | 106,860 | 3   | 121,865        | 3     | 136,870 |
| _      |                   |         |        | -   |        |     | •                | $\leftarrow$ |        | _             |        | -   |                  | -   |         | -   |                | -     |         |
| 1/4    | 3,359             | 1/4     | 17,213 | 1/4 | 32,221 | 1/4 | 47,232           | 1/4          | 62,151 | 1/4           | 77,150 | 1/4 | 92,162           | 1/4 | 107,173 | 1/4 | 122,178        | 1/4   | 137,183 |
| 1/2    | 3,625             | 1/2     | 17,525 | 1/2 | 32,534 | 1/2 | 47,545           | 1/2          | 62,462 | 1/2           | 77,463 | 1/2 | 92,474           | 1/2 | 107,486 | 1/2 | 122,491        | 1/2   | 137,495 |
| 3/4    | 3,892             | 3/4     | 17,837 | 3/4 | 32,847 | 3/4 | 47,858           | 3/4          | 62,772 | 3/4           | 77,776 | 3/4 | 92,787           | 3/4 | 107,798 | 3/4 | 122,803        | 3/4   | 137,808 |
| 4      | 4,158             | 4       | 18,149 | 4   | 33,159 | 4   | 48,170           | 4            | 63,083 | 4             | 78,088 | 4   | 93,100           | 4   | 108,111 | 4   | 123,116        | 4     | 138,121 |
| 1/4    | 4,428             | 1/4     | 18,461 | 1/4 | 33,472 | 1/4 | 48,482           | 1/4          | 63,394 | 1/4           | 78,401 | 1/4 | 93,413           | 1/4 | 108,423 | 1/4 | 123,428        | 1/4   | 138,433 |
| 1/2    | 4,699             | 1/2     | 18,774 | 1/2 | 33,785 | 1/2 | 48,794           | 1/2          | 63,706 | 1/2           | 78,714 | 1/2 | 93,725           | 1/2 | 108,736 | 1/2 | 123,741        | 1/2   | 138,746 |
| 3/4    | 4,969             | 3/4     | 19,087 | 3/4 | 34,098 | 3/4 | 49,106           | 3/4          | 64,017 | 3/4           | 79,027 | 3/4 | 94,038           | 3/4 | 109,049 | 3/4 | 124,054        | 3/4   | 139,058 |
| 5      | 5,239             | 5       | 19,399 | 5   | 34,410 | 5   | 49,418           | 5            | 64,329 | 5             | 79,339 | 5   | 94,351           | 5   | 109,361 | 5   | 124,366        | 5     | 139,371 |
| 1/4    | 5,514             | 1/4     | 19,712 | 1/4 | 34,723 | 1/4 | 49,730           | 1/4          | 64,641 | 1/4           | 79,652 | 1/4 | 94,663           | 1/4 | 109,674 | 1/4 | 124,679        | 1/4   | 139,684 |
| 1/2    | 5,788             | 1/2     | 20,025 | 1/2 | 35,036 | 1/2 | 50,041           | 1/2          | 64,954 | 1/2           | 79,965 | 1/2 | 94,976           | 1/2 | 109,987 | 1/2 | 124,991        | 1/2   | 139,996 |
| 3/4    | 6,062             | 3/4     | 20,338 | 3/4 | 35,349 | 3/4 | 50,352           | 3/4          | 65,266 | 3/4           | 80,278 | 3/4 | 95,289           | 3/4 | 110,299 | 3/4 | 125,304        | 3/4   | 140,309 |
| 6      | 6,336             | 6       | 20,650 | 6   | 35,661 | 6   | 50,664           | 6            | 65,579 | 6             | 80,590 | 6   | 95,602           | 6   | 110,612 | 6   | 125,617        | 6     | 140,621 |
| _      | •                 | -       | ,      |     |        |     |                  | -            | •      | $\overline{}$ |        | -   |                  | -   | •       | -   |                | -     |         |
| 1/4    | 6,614             | 1/4     | 20,963 | 1/4 | 35,974 | 1/4 | 50,975           | 1/4          | 65,892 | 1/4           | 80,903 | 1/4 | 95,914           | 1/4 | 110,924 | 1/4 | 125,929        | 1/4   | 140,934 |
| 1/2    | 6,892             | 1/2     | 21,276 | 1/2 | 36,287 | 1/2 | 51,286           | 1/2          | 66,204 | 1/2           | 81,216 | 1/2 | 96,227           | 1/2 | 111,237 | 1/2 | 126,242        | 1/2   | 141,247 |
| 3/4    | 7,171             | 3/4     | 21,589 | 3/4 | 36,599 | 3/4 | 51,597           | 3/4          | 66,517 | 3/4           | 81,529 | 3/4 | 96,540           | 3/4 | 111,550 | 3/4 | 126,554        | 3/4   | 141,559 |
| 7      | 7,449             | 7       | 21,901 | 7   | 36,912 | 7   | 51,908           | 7            | 66,830 | 7             | 81,841 | 7   | 96,853           | 7   | 111,862 | 7   | 126,867        | 7     | 141,872 |
| 1/4    | 7,731             | 1/4     | 22,214 | 1/4 | 37,225 | 1/4 | 52,218           | 1/4          | 67,143 | 1/4           | 82,154 | 1/4 | 97,165           | 1/4 | 112,175 | 1/4 | 127,180        | 1/4   | 142,184 |
| 1/2    | 8,012             | 1/2     | 22,527 | 1/2 | 37,538 | 1/2 | 52,529           | 1/2          | 67,455 | 1/2           | 82,467 | 1/2 | 97,478           | 1/2 | 112,487 | 1/2 | 127,492        | 1/2   | 142,497 |
| 3/4    | 8,294             | 3/4     | 22,839 | 3/4 | 37,850 | 3/4 | 52,840           | 3/4          | 67,768 | 3/4           | 82,780 | 3/4 | 97,791           | 3/4 | 112,800 | 3/4 | 127,805        | 3/4   | 142,810 |
| 8      | 8,576             | 8       | 23,152 | 8   | 38,163 | 8   | 53,150           | 8            | 68,081 | 8             | 83,092 | 8   | 98,104           | 8   | 113,113 | 8   | 128,117        | 8     | 143,122 |
| 1/4    | 8,862             | 1/4     | 23,465 | 1/4 | 38,476 | 1/4 | 53,461           | 1/4          | 68,394 | 1/4           | 83,405 | 1/4 | 98,416           | 1/4 | 113,425 | 1/4 | 128,430        | 1/4   | 143,435 |
| 1/2    | 9,148             | 1/2     | 23,778 | 1/2 | 38,789 | 1/2 | 53,771           | 1/2          | 68,706 | 1/2           | 83,718 | 1/2 | 98,729           | 1/2 | 113,738 | 1/2 | 128,743        | 1/2   | 143,747 |
| 3/4    | 9,434             | 3/4     | 24,090 | 3/4 | 39,101 | 3/4 | 54,081           | 3/4          | 69,019 | 3/4           | 84,030 | 3/4 | 99,042           | 3/4 | 114,050 | 3/4 | 129,055        | 3/4   | 144,060 |
| 9      | 9,719             | 9       | 24,403 | 9   | 39,414 | 9   | 54,392           | 9            | 69,332 | 9             | 84,343 | 9   | 99,355           | 9   | 114,363 | 9   | 129,368        | 9     | 144,373 |
| _      |                   | -       |        |     |        | -   |                  | -            |        | $\overline{}$ |        | -   |                  |     |         | -   |                |       |         |
| 1/4    | 10,009            | 1/4     | 24,716 | 1/4 | 39,727 | 1/4 | 54,702           | 1/4          | 69,645 | 1/4           | 84,656 | 1/4 | 99,667           | 1/4 | 114,676 | 1/4 | 129,680        | 1/4   | 144,685 |
| 1/2    | 10,299            | 1/2     | 25,029 | 1/2 | 40,039 | 1/2 | 55,012           | 1/2          | 69,957 | 1/2           | 84,969 | 1/2 | 99,980           | 1/2 | 114,988 | 1/2 | 129,993        | 1/2   | 144,998 |
| 3/4    | 10,588            | 3/4     | 25,341 | 3/4 | 40,352 | 3/4 | 55,323           | 3/4          | 70,270 | 3/4           | 85,281 | 3/4 | 100,293          | 3/4 | 115,301 | 3/4 | 130,306        | 3/4   | 145,310 |
| 10     | 10,878            | 10      | 25,654 | 10  | 40,665 | 10  | 55,633           | 10           | 70,583 | 10            | 85,594 | 10  | 100,605          | 10  | 115,613 | 10  | 130,618        | 10    | 145,623 |
| 1/4    | 11,171            | 1/4     | 25,967 | 1/4 | 40,978 | 1/4 | 55,943           | 1/4          | 70,896 | 1/4           | 85,907 | 1/4 | 100,918          | 1/4 | 115,926 | 1/4 | 130,931        | 1/4   | 145,936 |
| 1/2    | 11,465            | 1/2     | 26,279 | 1/2 | 41,290 | 1/2 | 56,254           | 1/2          | 71,208 | 1/2           | 86,220 | 1/2 | 101,231          | 1/2 | 116,239 | 1/2 | 131,243        | 1/2   | 146,248 |
| 3/4    | 11,758            | 3/4     | 26,592 | 3/4 | 41,603 | 3/4 | 56,564           | 3/4          | 71,521 | 3/4           | 86,532 | 3/4 | 101,544          | 3/4 | 116,551 | 3/4 | 131,556        | 3/4   | 146,561 |
| 11     | 12,052            | 11      | 26,905 | 11  | 41,916 | 11  | 56,875           | 11           | 71,834 | 11            | 86,845 | 11  | 101,856          | 11  | 116,864 | 11  | 131,869        | 11    | 146,873 |
| 1/4    | 12,349            | 1/4     | 27,218 | 1/4 | 42,229 | 1/4 | 57,185           | 1/4          | 72,146 | 1/4           | 87,158 | 1/4 | 102,169          | 1/4 | 117,176 | 1/4 | 132,181        | 1/4   | 147,186 |
|        | 12,549            | 1/4     | 27,530 | 1/4 | 42,541 |     | 57,165           | 1/4          | 72,146 | 1/4           | 87,471 |     | 102,169          |     | 117,176 | 1/4 | 132,494        | 1/4   | 147,186 |
| 1/2    |                   | _       |        |     |        | 1/2 |                  | _            |        |               |        | 1/2 |                  | 1/2 |         |     |                |       |         |
| 3/4    | 12,944            | 3/4     | 27,843 | 3/4 | 42,854 | 3/4 | 57,806           | 3/4          | 72,772 | 3/4           | 87,783 | 3/4 | 102,795          | 3/4 | 117,802 | 3/4 | <b>132,806</b> | 3/4   | 147,811 |
|        |                   |         |        |     |        |     |                  |              |        |               |        |     |                  |     |         |     |                |       |         |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| CAPACI | FIES GIVEN IN WHO  | JLE GALLO  | JNS                |                      |                    |            |         |            |         |                 |                 |                 |                 | GAUGE HEIGH      | 11 13-11 |
|--------|--------------------|------------|--------------------|----------------------|--------------------|------------|---------|------------|---------|-----------------|-----------------|-----------------|-----------------|------------------|----------|
| IN     | 10 FT.             | IN         | 11 FT.             | IN                   | 12 FT.             | IN         | 13 FT.  | IN         | 14 FT.  | IN              | <b>15 FT.</b> ℕ | 16 FT. N        | <b>17 FT.</b> ℕ | <b>18 FT</b> . ℕ | 19 FT.   |
| 0      | 148,124            | 0          | 163,129            | 0                    | 178,124            | 0          | 193,086 | 0          | 207,974 | 0               | 0               | 0               | 0               | 0                |          |
| 1/4    | 148,436            | 1/4        | 163,441            | 1/4                  | 178,436            | 1/4        | 193,397 | 1/4        | 208,254 | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| 1/2    | 148,749            | 1/2        | 163,754            | 1/2                  | 178,748            | 1/2        | 193,709 | 1/2        | 208,534 | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| 3/4    | 149,062            | 3/4        | 164,066            | 3/4                  | 179,059            | 3/4        | 194,021 | 3/4        | 208,814 | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 1      | 149,374            | 1          | 164,379            | 1                    | 179,371            | 1          | 194,332 | 1          | 209,094 | 1               | 1               | 1               | 1               | 1                |          |
| 1/4    | 149,687            | 1/4        | 164,692            | 1/4                  | 179,683            | 1/4        | 194,644 | 1/4        | 209,325 | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| 1/2    | 149,999            | 1/2        | 165,004            | 1/2                  | 179,995            | 1/2        | 194,956 | 1/2        | 209,557 | 1/2             | 1/2             | 1/4             | 1/2             | 1/2              |          |
| 3/4    | 150,312            | 3/4        | 165,317            | 3/4                  | 180,306            | 3/4        | 195,267 | 3/4        | 209,788 | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 2      | 150,625            | 2          | 165,629            | 2                    | 180,618            | 2          | 195,579 | 2          | 210,020 | 2               | 2               | 2               | 2               | 2                |          |
| 1/4    | 150,937            | 1/4        | 165,942            | 1/4                  | 180,930            | 1/4        | 195,891 | 1/4        | 210,020 | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /2     | 151,250            | 1/2        | 166,255            | 1/2                  | 181,241            | 1/2        | 196,202 | 1/2        | 210,378 | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| _      | 151,562            |            | 166,567            |                      | 181,553            |            | 196,514 | +          | 210,558 |                 | 3/4             |                 | 3/4             | 3/4              |          |
| 3/4    | 151,875            | 3/4        | 166,880            | 3/4                  | 181,865            | 3/4        | 196,826 | 3/4        | ,       | 3/4<br><b>3</b> | 3/4             | 3/4<br><b>3</b> | 3/4             | 3/4              |          |
| _      |                    | 3          |                    | $\leftarrow$         |                    | $\vdash$   |         | 3          | 210,737 | -               |                 |                 |                 |                  |          |
| 1/4    | 152,188            | 1/4        | 167,193            | 1/4                  | 182,176            | 1/4        | 197,137 | 1/4        | _       | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /2     | 152,500<br>152,813 | 1/2        | 167,505<br>167,818 | 1/2                  | 182,488<br>182,800 | 1/2        | 197,449 | 1/2        |         | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| 3/4    |                    | 3/4        |                    | 3/4                  |                    | 3/4        | 197,761 | 3/4        |         | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 4      | 153,125            | 4          | 168,130            | 4                    | 183,111            | 4          | 198,073 | 4          |         | 4               | 4               | 4               | 4               | 4                |          |
| 1/4    | 153,438            | 1/4        | 168,443            | 1/4                  | 183,423            | 1/4        | 198,384 | 1/4        |         | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| 1/2    | 153,751            | 1/2        | 168,756            | 1/2                  | 183,735            | 1/2        | 198,696 | 1/2        |         | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| /4     | 154,063            | 3/4        | 169,068            | 3/4                  | 184,047            | 3/4        | 199,008 | 3/4        |         | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 5      | 154,376            | 5          | 169,381            | 5                    | 184,358            | 5          | 199,319 | 5          |         | 5               | 5               | 5               | 5               | 5                |          |
| /4     | 154,688            | 1/4        | 169,693            | 1/4                  | 184,670            | 1/4        | 199,630 | 1/4        |         | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /2     | 155,001            | 1/2        | 170,006            | 1/2                  | 184,982            | 1/2        | 199,941 | 1/2        |         | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| /4     | 155,314            | 3/4        | 170,319            | 3/4                  | 185,293            | 3/4        | 200,251 | 3/4        |         | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 6      | 155,626            | 6          | 170,631            | 6                    | 185,605            | 6          | 200,562 | 6          |         | 6               | 6               | 6               | 6               | 6                |          |
| /4     | 155,939            | 1/4        | 170,944            | 1/4                  | 185,917            | 1/4        | 200,871 | 1/4        |         | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /2     | 156,251            | 1/2        | 171,256            | 1/2                  | 186,228            | 1/2        | 201,181 | 1/2        |         | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| 3/4    | 156,564            | 3/4        | 171,569            | 3/4                  | 186,540            | 3/4        | 201,490 | 3/4        |         | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 7      | 156,877            | 7          | 171,882            | 7                    | 186,852            | 7          | 201,800 | 7          |         | 7               | 7               | 7               | 7               | 7                |          |
| /4     | 157,189            | 1/4        | 172,194            | 1/4                  | 187,163            | 1/4        | 202,110 | 1/4        |         | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /2     | 157,502            | 1/2        | 172,507            | 1/2                  | 187,475            | 1/2        | 202,419 | 1/2        |         | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| /4     | 157,814            | 3/4        | 172,819            | 3/4                  | 187,787            | 3/4        | 202,729 | 3/4        |         | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 8      | 158,127            | 8          | 173,132            | 8                    | 188,098            | 8          | 203,038 | 8          |         | 8               | 8               | 8               | 8               | 8                |          |
| /4     | 158,440            | 1/4        | 173,445            | 1/4                  | 188,410            | 1/4        | 203,348 | 1/4        |         | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /2     | 158,752            | 1/2        | 173,757            | 1/2                  | 188,722            | 1/2        | 203,658 | 1/2        |         | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| /4     | 159,065            | 3/4        | 174,070            | 3/4                  | 189,034            | 3/4        | 203,967 | 3/4        |         | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 9      | 159,377            | 9          | 174,382            | 9                    | 189,345            | 9          | 204,277 | 9          |         | 9               | 9               | 9               | 9               | 9                |          |
| /4     | 159,690            | 1/4        | 174,694            | 1/4                  | 189,657            | 1/4        | 204,587 | 1/4        |         | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /2     | 160,003            | 1/2        | 175,007            | 1/2                  | 189,969            | 1/2        | 204,896 | 1/2        |         | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| /4     | 160,315            | 3/4        | 175,319            | 3/4                  | 190,280            | 3/4        | 205,206 | 3/4        |         | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 0      | 160,628            | 10         | 175,631            | 10                   | 190,592            | 10         | 205,516 | 10         |         | 10              | 10              | 10              | 10              | 10               |          |
| /4     | 160,940            | 1/4        | 175,943            | 1/4                  | 190,904            | 1/4        | 205,825 | 1/4        |         | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /2     | 161,253            | 1/2        | 176,254            | 1/2                  | 191,215            | 1/2        | 206,134 | 1/2        |         | 1/2             | 1/2             | 1/2             | 1/2             | 1/2              |          |
| /4     | 161,566            | 3/4        | 176,566            | 3/4                  | 191,527            | 3/4        | 206,443 | 3/4        |         | 3/4             | 3/4             | 3/4             | 3/4             | 3/4              |          |
| 1      | 161,878            | 11         | 176,878            | 11                   | 191,839            | 11         | 206,752 | 11         |         | 11              | 11              | 11              | 11              | 11               |          |
| _      | 162,191            | 1/4        | 177,189            | $oldsymbol{\mapsto}$ | 192,150            | $\vdash$   | 207,058 | 1/4        |         | 1/4             | 1/4             | 1/4             | 1/4             | 1/4              |          |
| /4     | 162,191            |            | 177,501            | 1/4                  | 192,150            | 1/4        | 207,363 | _          |         | 1/4             | 1/4             |                 | 1/4             |                  |          |
| 1/2    | 162,816            | 1/2<br>3/4 | 177,813            | 3/4                  | 192,462            | 1/2<br>3/4 | 207,669 | 1/2<br>3/4 |         | 3/4             | 1/2<br>3/4      | 1/2             | 3/4             | 1/2              |          |
| 3/4    | 102,010            | 3/4        | 111,013            | 3/4                  | 192,114            | 3/4        | 201,009 | 3/4        |         | 3/4             | 3/4             | 3/4             |                 | 3/4              |          |

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### 1 STBD **INNAGE TABLE**

| CAPACI          | TIES GIVEN IN WH | OLE GALLO       | NS               |                 |        |                 |                  |                 |        |     |                  |                 |         |                 |                    |                 | GAUGE I            | HEIGHT          | 15'-11"            |
|-----------------|------------------|-----------------|------------------|-----------------|--------|-----------------|------------------|-----------------|--------|-----|------------------|-----------------|---------|-----------------|--------------------|-----------------|--------------------|-----------------|--------------------|
| IN              | 0 FT.            | IN              | 1 FT.            | IN              | 2 FT.  | IN              | 3 FT.            | IN              | 4 FT.  | IN  | 5 FT.            | IN              | 6 FT.   | IN              | 7 FT.              | IN              | 8 FT.              | IN              | 9 FT.              |
| 0               | 385              | 0               | 13,244           | 0               | 28,162 | 0               | 43,176           | 0               | 58,186 | 0   | 73,198           | 0               | 88,213  | 0               | 103,228            | 0               | 118,238            | 0               | 133,246            |
| 1/4             | 562              | 1/4             | 13,545           | 1/4             | 28,475 | 1/4             | 43,489           | 1/4             | 58,499 | 1/4 | 73,511           | 1/4             | 88,526  | 1/4             | 103,540            | 1/4             | 118,550            | 1/4             | 133,559            |
| 1/2             | 739              | 1/2             | 13,847           | 1/2             | 28,788 | 1/2             | 43,802           | 1/2             | 58,811 | 1/2 | 73,824           | 1/2             | 88,839  | 1/2             | 103,853            | 1/2             | 118,863            | 1/2             | 133,871            |
| 3/4             | 916              | 3/4             | 14,148           | 3/4             | 29,101 | 3/4             | 44,115           | 3/4             | 59,124 | 3/4 | 74,137           | 3/4             | 89,151  | 3/4             | 104,166            | 3/4             | 119,176            | 3/4             | 134,184            |
| 1               | 1,092            | 1               | 14,449           | 1               | 29,413 | 1               | 44,428           | 1               | 59,437 | 1   | 74,449           | 1               | 89,464  | 1               | 104,479            | 1               | 119,488            | 1               | 134,497            |
| 1/4             | 1,331            | 1/4             | 14,754           | 1/4             | 29,726 | 1/4             | 44,740           | 1/4             | 59,749 | 1/4 | 74,762           | 1/4             | 89,777  | 1/4             | 104,792            | 1/4             | 119,801            | 1/4             | 134,809            |
| 1/2             | 1,569            | 1/2             | 15,059           | 1/2             | 30,039 | 1/2             | 45,053           | 1/2             | 60,062 | 1/2 | 75,075           | 1/2             | 90,090  | 1/2             | 105,104            | 1/2             | 120,114            | 1/2             | 135,122            |
| 3/4             | 1,808            | 3/4             | 15,364           | 3/4             | 30,352 | 3/4             | 45,366           | 3/4             | 60,374 | 3/4 | 75,388           | 3/4             | 90,403  | 3/4             | 105,417            | 3/4             | 120,426            | 3/4             | 135,435            |
| 2               | 2,047            | 2               | 15,670           | 2               | 30,665 | 2               | 45,679           | 2               | 60,687 | 2   | 75,701           | 2               | 90,715  | 2               | 105,730            | 2               | 120,739            | 2               | 135,747            |
| 1/4             | 2,308            | 1/4             | 15,979           | 1/4             | 30.977 | 1/4             | 45,992           | 1/4             | 61,000 | 1/4 | 76,013           | 1/4             | 91.028  | 1/4             | 106,043            | 1/4             | 121,052            | 1/4             | 136,060            |
| 1/2             | 2,570            | 1/2             | 16,287           | 1/2             | 31,290 | 1/2             | 46,304           | 1/2             | 61,312 | 1/2 | 76,326           | 1/2             | 91,341  | 1/2             | 106,356            | 1/2             | 121,364            | 1/2             | 136,373            |
| 3/4             | 2,832            | 3/4             | 16,596           | 3/4             | 31,603 | 3/4             | 46,617           | 3/4             | 61,625 | 3/4 | 76,639           | 3/4             | 91,654  | 3/4             | 106,668            | 3/4             | 121,677            | 3/4             | 136,685            |
| 3               | 3,094            | 3               | 16,905           | 3               | 31,916 | 3               | 46,930           | 3               | 61,937 | 3   | 76,952           | 3               | 91,967  | 3               | 106,981            | 3               | 121,990            | 3               | 136,998            |
| $\rightarrow$   | 3,360            | 1/4             | 17,217           | 1/4             | 32,229 | $\rightarrow$   | 47,243           | 1/4             | 62,250 | 1/4 | 77,265           | -               | 92,279  | 1/4             | 107,294            | 1/4             | 122,302            | -               | 137,311            |
| 1/4             |                  |                 |                  |                 | 32,541 | 1/4             |                  | _               | 62,563 |     |                  | 1/4             | 92,592  |                 |                    |                 |                    | 1/4             |                    |
| 1/2             | 3,626<br>3,893   | 1/2<br>3/4      | 17,529<br>17,841 | 1/2             | 32,854 | 1/2             | 47,556<br>47,868 | 1/2             | 62,876 | 1/2 | 77,578<br>77,890 | 1/2<br>3/4      | 92,992  | 1/2<br>3/4      | 107,607<br>107,920 | 1/2             | 122,615<br>122,928 | 1/2             | 137,623<br>137,936 |
| 3/4<br><b>4</b> | 4,159            | 3/4<br><b>4</b> | 18,153           | 3/4<br><b>4</b> | 32,654 | 3/4<br><b>4</b> | 48,181           | 3/4<br><b>4</b> | 63,188 | 3/4 | 78,203           | 3/4<br><b>4</b> | 92,905  | 3/4<br><b>4</b> | 107,920            | 3/4<br><b>4</b> | 123,240            | 3/4<br><b>4</b> | 138,249            |
| $\rightarrow$   |                  | _               |                  |                 |        | $\rightarrow$   |                  | -               |        | +   |                  | -               |         | -               |                    | _               |                    |                 |                    |
| 1/4             | 4,429            | 1/4             | 18,466           | 1/4             | 33,480 | 1/4             | 48,494           | 1/4             | 63,501 | 1/4 | 78,516           | 1/4             | 93,531  | 1/4             | 108,545            | 1/4             | 123,553            | 1/4             | 138,561            |
| 1/2             | 4,700            | 1/2             | 18,778           | 1/2             | 33,793 | 1/2             | 48,807           | 1/2             | 63,814 | 1/2 | 78,829           | 1/2             | 93,843  | 1/2             | 108,858            | 1/2             | 123,866            | 1/2             | 138,874            |
| 3/4             | 4,970            | 3/4             | 19,091           | 3/4             | 34,105 | 3/4             | 49,120           | 3/4             | 64,127 | 3/4 | 79,142           | 3/4             | 94,156  | 3/4             | 109,170            | 3/4             | 124,178            | 3/4             | 139,187            |
| 5               | 5,241            | 5               | 19,404           | 5               | 34,418 | 5               | 49,432           | 5               | 64,440 | 5   | 79,454           | 5               | 94,469  | 5               | 109,483            | 5               | 124,491            | 5               | 139,499            |
| 1/4             | 5,515            | 1/4             | 19,717           | 1/4             | 34,731 | 1/4             | 49,745           | 1/4             | 64,752 | 1/4 | 79,767           | 1/4             | 94,782  | 1/4             | 109,796            | 1/4             | 124,804            | 1/4             | 139,812            |
| 1/2             | 5,789            | 1/2             | 20,029           | 1/2             | 35,044 | 1/2             | 50,058           | 1/2             | 65,065 | 1/2 | 80,080           | 1/2             | 95,095  | 1/2             | 110,108            | 1/2             | 125,116            | 1/2             | 140,125            |
| 3/4             | 6,064            | 3/4             | 20,342           | 3/4             | 35,357 | 3/4             | 50,371           | 3/4             | 65,378 | 3/4 | 80,393           | 3/4             | 95,407  | 3/4             | 110,421            | 3/4             | 125,429            | 3/4             | 140,437            |
| 6               | 6,338            | 6               | 20,655           | 6               | 35,669 | 6               | 50,684           | 6               | 65,691 | 6   | 80,706           | 6               | 95,720  | 6               | 110,734            | 6               | 125,742            | 6               | 140,750            |
| 1/4             | 6,616            | 1/4             | 20,968           | 1/4             | 35,982 | 1/4             | 50,996           | 1/4             | 66,004 | 1/4 | 81,018           | 1/4             | 96,033  | 1/4             | 111,046            | 1/4             | 126,054            | 1/4             | 141,063            |
| 1/2             | 6,894            | 1/2             | 21,281           | 1/2             | 36,295 | 1/2             | 51,309           | 1/2             | 66,316 | 1/2 | 81,331           | 1/2             | 96,346  | 1/2             | 111,359            | 1/2             | 126,367            | 1/2             | 141,375            |
| 3/4             | 7,172            | 3/4             | 21,593           | 3/4             | 36,608 | 3/4             | 51,622           | 3/4             | 66,629 | 3/4 | 81,644           | 3/4             | 96,659  | 3/4             | 111,672            | 3/4             | 126,680            | 3/4             | 141,688            |
| 7               | 7,450            | 7               | 21,906           | 7               | 36,921 | 7               | 51,935           | 7               | 66,942 | 7   | 81,957           | 7               | 96,971  | 7               | 111,984            | 7               | 126,992            | 7               | 142,001            |
| 1/4             | 7,732            | 1/4             | 22,219           | 1/4             | 37,233 | 1/4             | 52,247           | 1/4             | 67,255 | 1/4 | 82,270           | 1/4             | 97,284  | 1/4             | 112,297            | 1/4             | 127,305            | 1/4             | 142,313            |
| 1/2             | 8,014            | 1/2             | 22,532           | 1/2             | 37,546 | 1/2             | 52,560           | 1/2             | 67,568 | 1/2 | 82,582           | 1/2             | 97,597  | 1/2             | 112,610            | 1/2             | 127,618            | 1/2             | 142,626            |
| 3/4             | 8,296            | 3/4             | 22,845           | 3/4             | 37,859 | 3/4             | 52,872           | 3/4             | 67,881 | 3/4 | 82,895           | 3/4             | 97,910  | 3/4             | 112,922            | 3/4             | 127,931            | 3/4             | 142,939            |
| 8               | 8,578            | 8               | 23,157           | 8               | 38,172 | 8               | 53,185           | 8               | 68,193 | 8   | 83,208           | 8               | 98,223  | 8               | 113,235            | 8               | 128,243            | 8               | 143,251            |
| 1/4             | 8,864            | 1/4             | 23,470           | 1/4             | 38,484 | 1/4             | 53,498           | 1/4             | 68,506 | 1/4 | 83,521           | 1/4             | 98,536  | 1/4             | 113,548            | 1/4             | 128,556            | 1/4             | 143,564            |
| 1/2             | 9,150            | 1/2             | 23,783           | 1/2             | 38,797 | 1/2             | 53,810           | 1/2             | 68,819 | 1/2 | 83,834           | 1/2             | 98,848  | 1/2             | 113,860            | 1/2             | 128,869            | 1/2             | 143,877            |
| 3/4             | 9,436            | 3/4             | 24,096           | 3/4             | 39,110 | 3/4             | 54,123           | 3/4             | 69,132 | 3/4 | 84,146           | 3/4             | 99,161  | 3/4             | 114,173            | 3/4             | 129,181            | 3/4             | 144,190            |
| 9               | 9,722            | 9               | 24,409           | 9               | 39,423 | 9               | 54,435           | 9               | 69,445 | 9   | 84,459           | 9               | 99,474  | 9               | 114,486            | 9               | 129,494            | 9               | 144,502            |
| 1/4             | 10,011           | 1/4             | 24,721           | 1/4             | 39,736 | 1/4             | 54,748           | 1/4             | 69,757 | 1/4 | 84,772           | 1/4             | 99,787  | 1/4             | 114,798            | 1/4             | 129,807            | 1/4             | 144,815            |
| 1/2             | 10,301           | 1/2             | 25,034           | 1/2             | 40,048 | 1/2             | 55,061           | 1/2             | 70,070 | 1/2 | 85,085           | 1/2             | 100,100 | 1/2             | 115,111            | 1/2             | 130,119            | 1/2             | 145,128            |
| 3/4             | 10,591           | 3/4             | 25,347           | 3/4             | 40,361 | 3/4             | 55,373           | 3/4             | 70,383 | 3/4 | 85,398           | 3/4             | 100,412 | 3/4             | 115,424            | 3/4             | 130,432            | 3/4             | 145,440            |
| 10              | 10,880           | 10              | 25,660           | 10              | 40,674 | 10              | 55,686           | 10              | 70,696 | 10  | 85,710           | 10              | 100,725 | 10              | 115,736            | 10              | 130,745            | 10              | 145,753            |
| 1/4             | 11,174           | 1/4             | 25,973           | 1/4             | 40,987 | 1/4             | 55,998           | 1/4             | 71,009 | 1/4 | 86,023           | 1/4             | 101,038 | 1/4             | 116,049            | 1/4             | 131,057            | 1/4             | 146,066            |
| 1/2             | 11,468           | 1/2             | 26,285           | 1/2             | 41,300 | 1/2             | 56,311           | 1/2             | 71,321 | 1/2 | 86,336           | 1/2             | 101,351 | 1/2             | 116,362            | 1/2             | 131,370            | 1/2             | 146,378            |
| 3/4             | 11,761           | 3/4             | 26,598           | 3/4             | 41,612 | 3/4             | 56,623           | 3/4             | 71,634 | 3/4 | 86,649           | 3/4             | 101,664 | 3/4             | 116,674            | 3/4             | 131,683            | 3/4             | 146,691            |
| 11              | 12,055           | 11              | 26,911           | 11              | 41,925 | 11              | 56,936           | 11              | 71,947 | 11  | 86,962           | 11              | 101,976 | 11              | 116,987            | 11              | 131,995            | 11              | 147,004            |
| 1/4             | 12,352           | 1/4             | 27,224           | 1/4             | 42,238 | 1/4             | 57,249           | 1/4             | 72,260 | 1/4 | 87,275           | 1/4             | 102,289 | 1/4             | 117,300            | 1/4             | 132,308            | 1/4             | 147,316            |
| 1/4             | 12,532           | 1/4             | 27,537           | 1/4             | 42,236 | 1/4             | 57,561           | 1/4             | 72,573 | 1/4 | 87,587           | 1/4             | 102,269 | 1/4             | 117,612            | 1/4             | 132,621            | 1/4             | 147,629            |
|                 | 12,049           |                 | 27,849           |                 | 42,351 |                 |                  |                 |        |     | 87,900           |                 | •       | -               | •                  |                 | 132,921            |                 | 147,029            |
| 3/4             | 12,947           | 3/4             | 21,049           | 3/4             | 42,004 | 3/4             | 57,874           | 3/4             | 72,885 | 3/4 | 01,900           | 3/4             | 102,915 | 3/4             | 117,925            | 3/4             | 13∠,933            | 3/4             | 147,942            |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK. CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE. GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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# 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

| APACI | TIES GIVEN IN WHO | JLE GALLO |         |     |         |            |         |     |         |     |          |                 |                 | GAUGE HEIGH           |        |
|-------|-------------------|-----------|---------|-----|---------|------------|---------|-----|---------|-----|----------|-----------------|-----------------|-----------------------|--------|
| IN    | 10 FT.            | IN        | 11 FT.  | IN  | 12 FT.  | IN         | 13 FT.  | IN  | 14 FT.  | IN  | 15 FT. ℕ | <b>16 FT.</b> ℕ | <b>17 FT.</b> ℕ | 18 FT. ℕ              | 19 FT. |
| 0     | 148,254           | 0         | 163,263 | 0   | 178,262 | 0          | 193,227 | 0   | 208,119 | 0   | 0        | 0               | 0               | 0                     |        |
| /4    | 148,567           | 1/4       | 163,575 | 1/4 | 178,574 | 1/4        | 193,539 | 1/4 | 208,399 | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| /2    | 148,880           | 1/2       | 163,888 | 1/2 | 178,886 | 1/2        | 193,850 | 1/2 | 208,679 | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| 4     | 149,192           | 3/4       | 164,201 | 3/4 | 179,197 | 3/4        | 194,162 | 3/4 | 208,959 | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
| T     | 149,505           | 1         | 164,513 | 1   | 179,509 | 1          | 194,474 | 1   | 209,239 | 1   | 1        | 1               | 1               | 1                     |        |
| 4     | 149,818           | 1/4       | 164,826 | 1/4 | 179,821 | 1/4        | 194,786 | 1/4 | 209,470 | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 150,130           | 1/2       | 165,139 | 1/2 | 180,133 | 1/2        | 195,097 | 1/2 | 209,702 | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| /4    | 150,443           | 3/4       | 165,451 | 3/4 | 180,444 | 3/4        | 195,409 | 3/4 | 209,933 | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
| 2     | 150,756           | 2         | 165,764 | 2   | 180,756 | 2          | 195,721 | 2   | 210,165 | 2   | 2        | 2               | 2               | 2                     |        |
| 4     | 151,068           | 1/4       | 166,077 | 1/4 | 181,068 | 1/4        | 196,033 | 1/4 | 210,344 | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 151,381           | 1/2       | 166,390 | 1/2 | 181,380 | 1/2        | 196,344 | 1/2 | 210,524 | 1/2 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 4     | 151,694           | 3/4       | 166,702 | 3/4 | 181,691 | 3/4        | 196,656 | 3/4 | 210,703 | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
| 4     |                   | _         |         | 3/4 |         | _          |         | _   |         | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
| -     | 152,006           | 3         | 167,015 | -   | 182,003 | 3          | 196,968 | 3   | 210,883 | -   |          |                 |                 |                       |        |
| 4     | 152,319           | 1/4       | 167,328 | 1/4 | 182,315 | 1/4        | 197,280 | 1/4 |         | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 152,632           | 1/2       | 167,640 | 1/2 | 182,627 | 1/2        | 197,591 | 1/2 |         | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| 4     | 152,944           | 3/4       | 167,953 | 3/4 | 182,939 | 3/4        | 197,903 | 3/4 |         | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
|       | 153,257           | 4         | 168,266 | 4   | 183,250 | 4          | 198,215 | 4   |         | 4   | 4        | 4               | 4               | 4                     |        |
| 4     | 153,570           | 1/4       | 168,578 | 1/4 | 183,562 | 1/4        | 198,527 | 1/4 |         | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 153,882           | 1/2       | 168,891 | 1/2 | 183,874 | 1/2        | 198,839 | 1/2 |         | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| 4     | 154,195           | 3/4       | 169,204 | 3/4 | 184,186 | 3/4        | 199,150 | 3/4 |         | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
| _     | 154,508           | 5         | 169,516 | 5   | 184,497 | 5          | 199,462 | 5   |         | 5   | 5        | 5               | 5               | 5                     |        |
| ŀ     | 154,821           | 1/4       | 169,829 | 1/4 | 184,809 | 1/4        | 199,773 | 1/4 |         | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 155,133           | 1/2       | 170,142 | 1/2 | 185,121 | 1/2        | 200,083 | 1/2 |         | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| 1     | 155,446           | 3/4       | 170,454 | 3/4 | 185,433 | 3/4        | 200,394 | 3/4 |         | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
|       | 155,759           | 6         | 170,767 | 6   | 185,744 | 6          | 200,705 | 6   |         | 6   | 6        | 6               | 6               | 6                     |        |
| 1     | 156,071           | 1/4       | 171,080 | 1/4 | 186,056 | 1/4        | 201,014 | 1/4 | •       | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 156,384           | 1/2       | 171,392 | 1/2 | 186,368 | 1/2        | 201,324 | 1/2 |         | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| 4     | 156,697           | 3/4       | 171,705 | 3/4 | 186,680 | 3/4        | 201,634 | 3/4 |         | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
|       | 157,009           | 7         | 172,018 | 7   | 186,991 | 7          | 201,943 | 7   |         | 7   | 7        | 7               | 7               | 7                     |        |
| 4     | 157,322           | 1/4       | 172,330 | 1/4 | 187,303 | 1/4        | 202,253 | 1/4 |         | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 157,635           | 1/2       | 172,643 | 1/2 | 187,615 | 1/2        | 202,563 | 1/2 |         | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| 4     | 157,947           | 3/4       | 172,956 | 3/4 | 187,927 | 3/4        | 202,872 | 3/4 |         | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
|       | 158,260           | 8         | 173,268 | 8   | 188,239 | 8          | 203,182 | 8   |         | 8   | 8        | 8               | 8               | 8                     |        |
| 4     | 158,573           | 1/4       | 173,581 | 1/4 | 188,550 | 1/4        | 203,492 | 1/4 |         | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 158,885           | 1/2       | 173,894 | 1/2 | 188,862 | 1/2        | 203,802 | 1/2 |         | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| 4     | 159,198           | 3/4       | 174,206 | 3/4 | 189,174 | 3/4        | 204,111 | 3/4 |         | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
|       | 159,511           | 9         | 174,519 | 9   | 189,486 | 9          | 204,421 | 9   |         | 9   | 9        | 9               | 9               | 9                     |        |
| 4     | 159,823           | 1/4       | 174,831 | 1/4 | 189,797 | 1/4        | 204,731 | 1/4 |         | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| 2     | 160,136           | 1/2       | 175,144 | 1/2 | 190,109 | 1/2        | 205,040 | 1/2 |         | 1/2 | 1/2      | 1/2             | 1/4             | 1/4                   |        |
| 4     | 160,449           | 3/4       | 175,456 | 3/4 | 190,421 | 3/4        | 205,350 | 3/4 |         | 3/4 | 3/4      | 3/4             | 3/4             | 3/4                   |        |
| ,     | 160,761           | 10        | 175,768 | 10  | 190,733 | 10         | 205,660 | 10  |         | 10  | 10       | 10              | 10              | 10                    |        |
| 1     | 161,074           | 1/4       | 176,080 | 1/4 | 190,733 | 1/4        | 205,969 | 1/4 |         | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
|       | 161,387           | 1/4       | 176,080 | 1/4 | 191,044 |            | 206,278 | 1/4 |         | 1/4 | 1/4      |                 | 1/4             |                       |        |
| 4     | 161,699           | 3/4       | 176,392 | 3/4 | 191,668 | 1/2<br>3/4 | 206,278 | 3/4 |         | 3/4 | 3/4      | 1/2             | 3/4             | 1/2                   |        |
| _     |                   |           |         |     |         | + +        | •       |     |         |     |          |                 |                 |                       |        |
| 1     | 162,012           | 11        | 177,015 | 11  | 191,980 | 11         | 206,897 | 11  |         | 11  | 11       | 11              | 11              | 11                    |        |
| /4    | 162,325           | 1/4       | 177,327 | 1/4 | 192,291 | 1/4        | 207,202 | 1/4 |         | 1/4 | 1/4      | 1/4             | 1/4             | 1/4                   |        |
| /2    | 162,637           | 1/2       | 177,639 | 1/2 | 192,603 | 1/2        | 207,508 | 1/2 |         | 1/2 | 1/2      | 1/2             | 1/2             | 1/2                   |        |
| 4     | 162,950           | 3/4       | 177,950 | 3/4 | 192,915 | 3/4        | 207,814 | 3/4 |         | 3/4 | 3/4      | 3/4             | 3/4             | 1ART FOR THE ABOVE NA |        |

STRAPPED: 08/01/2013 CL CALCULATED: 08/01/2013 CL PRINTED: 08/01/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092 Pearland, Texas 77588 http://www.pmacorp.net



### 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-11 1/4"** 

| CAPAC                      | ITIES GIVEN IN WHO | OLE GAL |        |     |        |     |        |          |        |     |        |     |         |                          |         |     | GAUGE HE      | IGHI |          |
|----------------------------|--------------------|---------|--------|-----|--------|-----|--------|----------|--------|-----|--------|-----|---------|--------------------------|---------|-----|---------------|------|----------|
| IN                         | 0 FT.              | IN      | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.  | IN       | 4 FT.  | IN  | 5 FT.  | IN  | 6 FT.   | IN                       | 7 FT.   | IN  | 8 FT.         | IN   | 9 FT.    |
| 0                          | 1,032              | 0       | 15,706 | 0   | 30,778 | 0   | 45,479 | 0        | 59,974 | 0   | 74,838 | 0   | 89,913  | 0                        | 104,988 | 0   | 120,058       | 0    | 135,125  |
| 1/4                        | 1,268              | 1/4     | 16.020 | 1/4 | 31,092 | 1/4 | 45,781 | 1/4      | 60,277 | 1/4 | 75,152 | 1/4 | 90,227  | 1/4                      | 105,302 | 1/4 | 120,372       | 1/4  | 135,439  |
| 1/2                        | 1,503              | 1/2     | 16,334 | 1/2 | 31,407 | 1/2 | 46,082 | 1/2      | 60,579 | 1/2 | 75,466 | 1/2 | 90,541  | 1/2                      | 105,616 | 1/2 | 120,686       | 1/2  | 135,753  |
| 3/4                        | 1,739              | 3/4     | 16,648 | 3/4 | 31,721 | 3/4 | 46,384 | 3/4      | 60,881 | 3/4 | 75,780 | 3/4 | 90,855  | 3/4                      | 105,930 | 3/4 | 121,000       | 3/4  | 136,067  |
| 1                          | 1,974              | 1       | 16,962 | 1   | 32,035 | 1   | 46,685 | 1        | 61,184 | 1   | 76.094 | 1   | 91,169  | 1                        | 106,244 | 1   | 121,313       | 1    | 136,381  |
| $oldsymbol{oldsymbol{	o}}$ | ,-                 |         | -,     | -   | . ,    |     | -,     | $\vdash$ | ,      | -   | -,     | +   | - ,     | -                        |         | -   |               | -    |          |
| 1/4                        | 2,268              | 1/4     | 17,276 | 1/4 | 32,349 | 1/4 | 46,986 | 1/4      | 61,486 | 1/4 | 76,408 | 1/4 | 91,483  | 1/4                      | 106,558 | 1/4 | 121,627       | 1/4  | 136,695  |
| 1/2                        | 2,562              | 1/2     | 17,590 | 1/2 | 32,663 | 1/2 | 47,288 | 1/2      | 61,788 | 1/2 | 76,722 | 1/2 | 91,797  | 1/2                      | 106,872 | 1/2 | 121,941       | 1/2  | 137,009  |
| 3/4                        | 2,855              | 3/4     | 17,904 | 3/4 | 32,977 | 3/4 | 47,589 | 3/4      | 62,090 | 3/4 | 77,036 | 3/4 | 92,111  | 3/4                      | 107,186 | 3/4 | 122,255       | 3/4  | 137,323  |
| 2                          | 3,149              | 2       | 18,218 | 2   | 33,291 | 2   | 47,890 | 2        | 62,393 | 2   | 77,350 | 2   | 92,425  | 2                        | 107,501 | 2   | 122,569       | 2    | 137,637  |
| 1/4                        | 3,462              | 1/4     | 18,533 | 1/4 | 33,605 | 1/4 | 48,192 | 1/4      | 62,695 | 1/4 | 77,664 | 1/4 | 92,739  | 1/4                      | 107,815 | 1/4 | 122,883       | 1/4  | 137,951  |
| 1/2                        | 3,775              | 1/2     | 18,847 | 1/2 | 33,919 | 1/2 | 48,493 | 1/2      | 62,997 | 1/2 | 77,978 | 1/2 | 93,053  | 1/2                      | 108,129 | 1/2 | 123,197       | 1/2  | 138,264  |
| 3/4                        | 4,088              | 3/4     | 19,161 | 3/4 | 34,233 | 3/4 | 48,795 | 3/4      | 63,300 | 3/4 | 78,292 | 3/4 | 93,368  | 3/4                      | 108,443 | 3/4 | 123,511       | 3/4  | 138,578  |
| 3                          | 4,401              | 3       | 19,475 | 3   | 34,547 | 3   | 49,096 | 3        | 63,602 | 3   | 78,606 | 3   | 93,682  | 3                        | 108,757 | 3   | 123,825       | 3    | 138,892  |
| 1/4                        | 4.715              | 1/4     | 19,789 | 1/4 | 34,861 | 1/4 | 49,398 | 1/4      | 63,904 | 1/4 | 78,921 | 1/4 | 93,996  | 1/4                      | 109,071 | 1/4 | 124,139       | 1/4  | 139,206  |
| 1/2                        | 5,029              | 1/2     | 20,103 | 1/2 | 35,175 | 1/2 | 49,699 | 1/2      | 64,207 | 1/2 | 79,235 | 1/2 | 94,310  | 1/2                      | 109,385 | 1/2 | 124,453       | 1/2  | 139,520  |
| 3/4                        | 5,342              | 3/4     | 20,417 | 3/4 | 35,489 | 3/4 | 50,001 | 3/4      | 64,509 | 3/4 | 79,549 | 3/4 | 94,624  | 3/4                      | 109,699 | 3/4 | 124,766       | 3/4  | 139,834  |
| 4                          | 5,656              | 4       | 20,731 | 4   | 35,803 | 4   | 50,303 | 4        | 64,811 | 4   | 79,863 | 4   | 94,938  | 4                        | 110,013 | 4   | 125,080       | 4    | 140,148  |
| $\vdash$                   | 5,970              | $\perp$ |        | _   | 36,111 |     | 50,604 | -        |        | _   | 80,177 | -   | 95,252  | $\vdash$                 |         | -   | 125,080       | -    | 140,1462 |
| 1/4                        |                    | 1/4     | 21,045 | 1/4 |        | 1/4 |        | 1/4      | 65,119 | 1/4 |        | 1/4 |         | 1/4                      | 110,327 | 1/4 |               | 1/4  |          |
| 1/2                        | 6,284              | 1/2     | 21,359 | 1/2 | 36,420 | 1/2 | 50,906 | 1/2      | 65,427 | 1/2 | 80,491 | 1/2 | 95,566  | 1/2                      | 110,641 | 1/2 | 125,708       | 1/2  | 140,776  |
| 3/4                        | 6,598              | 3/4     | 21,673 | 3/4 | 36,728 | 3/4 | 51,208 | 3/4      | 65,736 | 3/4 | 80,805 | 3/4 | 95,880  | 3/4                      | 110,954 | 3/4 | 126,022       | 3/4  | 141,090  |
| 5                          | 6,912              | 5       | 21,987 | 5   | 37,036 | 5   | 51,510 | 5        | 66,044 | 5   | 81,119 | 5   | 96,194  | 5                        | 111,268 | 5   | 126,336       | 5    | 141,404  |
| 1/4                        | 7,226              | 1/4     | 22,301 | 1/4 | 37,338 | 1/4 | 51,813 | 1/4      | 66,358 | 1/4 | 81,433 | 1/4 | 96,508  | 1/4                      | 111,582 | 1/4 | 126,650       | 1/4  | 141,717  |
| 1/2                        | 7,541              | 1/2     | 22,615 | 1/2 | 37,641 | 1/2 | 52,115 | 1/2      | 66,672 | 1/2 | 81,747 | 1/2 | 96,822  | 1/2                      | 111,896 | 1/2 | 126,964       | 1/2  | 142,031  |
| 3/4                        | 7,855              | 3/4     | 22,929 | 3/4 | 37,943 | 3/4 | 52,417 | 3/4      | 66,986 | 3/4 | 82,061 | 3/4 | 97,136  | 3/4                      | 112,210 | 3/4 | 127,278       | 3/4  | 142,345  |
| 6                          | 8,169              | 6       | 23,243 | 6   | 38,245 | 6   | 52,719 | 6        | 67,300 | 6   | 82,375 | 6   | 97,450  | 6                        | 112,524 | 6   | 127,592       | 6    | 142,659  |
| 1/4                        | 8,483              | 1/4     | 23,557 | 1/4 | 38,547 | 1/4 | 53,022 | 1/4      | 67,614 | 1/4 | 82,689 | 1/4 | 97,764  | 1/4                      | 112,838 | 1/4 | 127,906       | 1/4  | 142,973  |
| 1/2                        | 8,797              | 1/2     | 23,871 | 1/2 | 38,849 | 1/2 | 53,324 | 1/2      | 67,928 | 1/2 | 83,003 | 1/2 | 98,079  | 1/2                      | 113,152 | 1/2 | 128,219       | 1/2  | 143,287  |
| 3/4                        | 9,111              | 3/4     | 24,186 | 3/4 | 39,151 | 3/4 | 53,626 | 3/4      | 68,242 | 3/4 | 83,317 | 3/4 | 98,393  | 3/4                      | 113,466 | 3/4 | 128,533       | 3/4  | 143,601  |
| 7                          | 9,425              | 7       | 24,500 | 7   | 39,452 | 7   | 53,929 | 7        | 68,556 | 7   | 83,632 | 7   | 98,707  | 7                        | 113,780 | 7   | 128,847       | 7    | 143,915  |
| $\vdash$                   | 9.739              | -       |        | _   |        | -   |        | -        |        |     |        | -   | 99.021  | -                        | •       | -   |               | _    | 144,229  |
| 1/4                        |                    | 1/4     | 24,814 | 1/4 | 39,754 | 1/4 | 54,231 | 1/4      | 68,870 | 1/4 | 83,946 | 1/4 | / -     | 1/4                      | 114,094 | 1/4 | 129,161       | 1/4  |          |
| 1/2                        | 10,053             | 1/2     | 25,128 | 1/2 | 40,055 | 1/2 | 54,533 | 1/2      | 69,184 | 1/2 | 84,260 | 1/2 | 99,335  | 1/2                      | 114,407 | 1/2 | 129,475       | 1/2  | 144,543  |
| 3/4                        | 10,367             | 3/4     | 25,442 | 3/4 | 40,356 | 3/4 | 54,835 | 3/4      | 69,499 | 3/4 | 84,574 | 3/4 | 99,649  | 3/4                      | 114,721 | 3/4 | 129,789       | 3/4  | 144,857  |
| 8                          | 10,681             | 8       | 25,756 | 8   | 40,658 | 8   | 55,138 | 8        | 69,813 | 8   | 84,888 | 8   | 99,963  | 8                        | 115,035 | 8   | 130,103       | 8    | 145,170  |
| 1/4                        | 10,995             | 1/4     | 26,070 | 1/4 | 40,959 | 1/4 | 55,440 | 1/4      | 70,127 | 1/4 | 85,202 | 1/4 | 100,277 | 1/4                      | 115,349 | 1/4 | 130,417       | 1/4  | 145,484  |
| 1/2                        | 11,309             | 1/2     | 26,384 | 1/2 | 41,261 | 1/2 | 55,742 | 1/2      | 70,441 | 1/2 | 85,516 | 1/2 | 100,591 | 1/2                      | 115,663 | 1/2 | 130,731       | 1/2  | 145,798  |
| 3/4                        | 11,623             | 3/4     | 26,698 | 3/4 | 41,562 | 3/4 | 56,045 | 3/4      | 70,755 | 3/4 | 85,830 | 3/4 | 100,905 | 3/4                      | 115,977 | 3/4 | 131,045       | 3/4  | 146,112  |
| 9                          | 11,937             | 9       | 27,012 | 9   | 41,863 | 9   | 56,347 | 9        | 71,069 | 9   | 86,144 | 9   | 101,219 | 9                        | 116,291 | 9   | 131,358       | 9    | 146,426  |
| 1/4                        | 12,251             | 1/4     | 27,326 | 1/4 | 42,165 | 1/4 | 56,649 | 1/4      | 71,383 | 1/4 | 86,458 | 1/4 | 101,533 | 1/4                      | 116,605 | 1/4 | 131,672       | 1/4  | 146,740  |
| 1/2                        | 12,565             | 1/2     | 27,639 | 1/2 | 42,466 | 1/2 | 56,952 | 1/2      | 71,697 | 1/2 | 86,772 | 1/2 | 101,847 | 1/2                      | 116,919 | 1/2 | 131,986       | 1/2  | 147,054  |
| 3/4                        | 12,879             | 3/4     | 27,953 | 3/4 | 42,767 | 3/4 | 57,254 | 3/4      | 72,011 | 3/4 | 87,086 | 3/4 | 102,161 | 3/4                      | 117,233 | 3/4 | 132,300       | 3/4  | 147,368  |
| 10                         | 13,194             | 10      | 28,267 | 10  | 43,069 | 10  | 57,556 | 10       | 72,325 | 10  | 87,400 | 10  | 102,475 | 10                       | 117,547 | 10  | 132,614       | 10   | 147,682  |
| $\vdash$                   |                    | -       |        | -   |        | -   |        | -        |        | -   |        | -   |         | $oldsymbol{\longmapsto}$ | •       | -   | 132,928       | -    |          |
| 1/4                        | 13,508             | 1/4     | 28,581 | 1/4 | 43,370 | 1/4 | 57,858 | 1/4      | 72,639 | 1/4 | 87,714 | 1/4 | 102,790 | 1/4                      | 117,860 | 1/4 |               | 1/4  | 147,996  |
| 1/2                        | 13,822             | 1/2     | 28,895 | 1/2 | 43,671 | 1/2 | 58,161 | 1/2      | 72,953 | 1/2 | 88,028 | 1/2 | 103,104 | 1/2                      | 118,174 | 1/2 | 133,242       | 1/2  | 148,310  |
| 3/4                        | 14,136             | 3/4     | 29,209 | 3/4 | 43,973 | 3/4 | 58,463 | 3/4      | 73,267 | 3/4 | 88,343 | 3/4 | 103,418 | 3/4                      | 118,488 | 3/4 | 133,556       | 3/4  | 148,623  |
| 11                         | 14,450             | 11      | 29,522 | 11  | 44,274 | 11  | 58,765 | 11       | 73,581 | 11  | 88,657 | 11  | 103,732 | 11                       | 118,802 | 11  | 133,870       | 11   | 148,937  |
| 1/4                        | 14,764             | 1/4     | 29,836 | 1/4 | 44,575 | 1/4 | 59,068 | 1/4      | 73,895 | 1/4 | 88,971 | 1/4 | 104,046 | 1/4                      | 119,116 | 1/4 | 134,184       | 1/4  | 149,251  |
| 1/2                        | 15,078             | 1/2     | 30,150 | 1/2 | 44,877 | 1/2 | 59,370 | 1/2      | 74,210 | 1/2 | 89,285 | 1/2 | 104,360 | 1/2                      | 119,430 | 1/2 | 134,498       | 1/2  | 149,565  |
| 3/4                        | 15,392             | 3/4     | 30,464 | 3/4 | 45,178 | 3/4 | 59,672 | 3/4      | 74,524 | 3/4 | 89,599 | 3/4 | 104,674 | 3/4                      | 119,744 | 3/4 | 134,811       | 3/4  | 149,879  |
|                            | •                  |         | •      |     |        |     |        |          | •      | -   |        |     |         |                          |         |     | DT EOD THE AR |      |          |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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CAPACITIES GIVEN IN WHOLE GALLONS

# 2 PORT INNAGE TABLE

GAUGE HEIGHT 15'-11 1/4"

|     | 10 FT   |            |         | 1          | 40 FT   |            | 40 FT   |                 | 44 FT   |                 | 45 FT    | 10 FT "  | 47 FT      | 40 ST    |        |
|-----|---------|------------|---------|------------|---------|------------|---------|-----------------|---------|-----------------|----------|----------|------------|----------|--------|
| IN  | 10 FT.  | IN         | 11 FT.  | IN -       | 12 FT.  | IN -       | 13 FT.  | IN              | 14 FT.  | IN              | 15 FT. N | 16 FT. N | 17 FT. N   | 18 FT. N | 19 FT. |
| 0   | 150,193 | 0          | 165,261 | 0          | 180,318 | 0          | 195,334 | 0               | 210,253 | 0               | 0        | 0        | 0          | 0        |        |
| 1/4 | 150,507 | 1/4        | 165,575 | 1/4        | 180,630 | 1/4        | 195,647 | 1/4             | 210,533 | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| /2  | 150,821 | 1/2        | 165,888 | 1/2        | 180,943 | 1/2        | 195,960 | 1/2             | 210,813 | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| /4  | 151,135 | 3/4        | 166,202 | 3/4        | 181,256 | 3/4        | 196,273 | 3/4             | 211,093 | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
| 1   | 151,449 | 1          | 166,516 | 1          | 181,569 | 1          | 196,585 | 1               | 211,373 | 1               | 1        | 1        | 1          | 1        |        |
| /4  | 151,763 | 1/4        | 166,830 | 1/4        | 181,882 | 1/4        | 196,898 | 1/4             | 211,605 | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| /2  | 152,076 | 1/2        | 167,144 | 1/2        | 182,195 | 1/2        | 197,211 | 1/2             | 211,836 | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| /4  | 152,390 | 3/4        | 167,458 | 3/4        | 182,507 | 3/4        | 197,524 | 3/4             | 212,067 | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
| 2   | 152,704 | 2          | 167,772 | 2          | 182,820 | 2          | 197,837 | 2               | 212,299 | 2               | 2        | 2        | 2          | 2        |        |
| /4  | 153,018 | 1/4        | 168,086 | 1/4        | 183,133 | 1/4        | 198,150 | 1/4             | 212,478 | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 153,332 | 1/2        | 168,400 | 1/2        | 183,446 | 1/2        | 198,462 | 1/2             | 212,657 | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| 4   | 153,646 | 3/4        | 168,714 | 3/4        | 183,759 | 3/4        | 198,775 | 3/4             | 212,836 | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
|     | 153,960 | 3          | 169,027 | 3          | 184,072 | 3          | 199,088 | 3               | 213,015 | 3               | 3        | 3        | 3          | 3        |        |
| 4   | 154,274 | 1/4        | 169,341 | 1/4        | 184,384 | 1/4        | 199,401 | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 154,588 | 1/2        | 169,655 | 1/2        | 184,697 | 1/2        | 199,714 | 1/2             |         | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| 4   | 154,902 | 3/4        | 169,969 | 3/4        | 185,010 | 3/4        | 200,027 | 3/4             |         | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
| . [ | 155,216 | 4          | 170,283 | 4          | 185,323 | 4          | 200,339 | 4               |         | 4               | 4        | 4        | 4          | 4        |        |
| 4   | 155,529 | 1/4        | 170,597 | 1/4        | 185,636 | 1/4        | 200,652 | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 155,843 | 1/2        | 170,911 | 1/2        | 185,949 | 1/2        | 200,965 | 1/2             |         | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| 4   | 156,157 | 3/4        | 171,225 | 3/4        | 186,262 | 3/4        | 201,278 | 3/4             |         | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
|     | 156,471 | 5          | 171,539 | 5          | 186,574 | 5          | 201,591 | 5               |         | 5               | 5        | 5        | 5          | 5        |        |
| 1   | 156,785 | 1/4        | 171,853 | 1/4        | 186,887 | 1/4        | 201,902 | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 157,099 | 1/2        | 172,167 | 1/2        | 187,200 | 1/2        | 202,213 | 1/2             |         | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| ı   | 157,413 | 3/4        | 172,480 | 3/4        | 187,513 | 3/4        | 202,525 | 3/4             |         | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
|     | 157,727 | 6          | 172,794 | 6          | 187,826 | 6          | 202,836 | 6               |         | 6               | 6        | 6        | 6          | 6        |        |
| 4   | 158,041 | 1/4        | 173,108 | 1/4        | 188,139 | 1/4        | 203,146 | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 158,355 | 1/2        | 173,422 | 1/2        | 188,451 | 1/2        | 203,456 | 1/2             |         | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| 4   | 158,669 | 3/4        | 173,736 | 3/4        | 188,764 | 3/4        | 203,765 | 3/4             |         | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
| Ť   | 158,982 | 7          | 174,050 | 7          | 189,077 | 7          | 204,075 | 7               |         | 7               | 7        | 7        | 7          | 7        |        |
| 4   | 159,296 | 1/4        | 174,364 | 1/4        | 189,390 | 1/4        | 204,385 | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 159,610 | 1/2        | 174,678 | 1/2        | 189,703 | 1/2        | 204,695 | 1/2             |         | 1/2             | 1/2      | 1/2      | 1/4        | 1/2      |        |
| 4   | 159,924 | 3/4        | 174,992 | 3/4        | 190,016 | 3/4        | 205,004 | 3/4             |         | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
| +   | 160,238 | 8          | 175,306 | 8          | 190,329 | 8          | 205,314 | 8               |         | 8               | 8        | 8        | 8          | 8        |        |
| 4   | 160,552 | 1/4        | 175,620 | 1/4        | 190,641 | 1/4        | 205,624 | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| _   | 160,866 |            | 175,933 |            | 190,954 |            | 205,934 | _               |         |                 |          |          |            |          |        |
| 1   | 161,180 | 1/2<br>3/4 | 175,933 | 1/2<br>3/4 | 190,954 | 1/2<br>3/4 | 205,934 | 1/2<br>3/4      |         | 1/2<br>3/4      | 1/2      | 1/2      | 1/2<br>3/4 | 1/2      |        |
| 4   | 161,494 | 9          | 176,247 | 9          | 191,580 | 3/4<br>9   | 206,554 | 3/4<br><b>9</b> |         | 3/4<br><b>9</b> | 3/4      | 3/4      | 3/4        | 3/4      |        |
| _   | 161,494 | -          |         |            |         | -          | 206,554 | -               |         | -               | -        |          |            |          |        |
| 1   |         | 1/4        | 176,875 | 1/4        | 191,893 | 1/4        |         | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 162,122 | 1/2        | 177,188 | 1/2        | 192,206 | 1/2        | 207,174 | 1/2             |         | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
|     | 162,435 | 3/4        | 177,501 | 3/4        | 192,518 | 3/4        | 207,483 | 3/4             |         | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
| 4   | 162,749 | 10         | 177,815 | 10         | 192,831 | 10         | 207,793 | 10              |         | 10              | 10       | 10       | 10         | 10       |        |
|     | 163,063 | 1/4        | 178,128 | 1/4        | 193,144 | 1/4        | 208,103 | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 163,377 | 1/2        | 178,440 | 1/2        | 193,457 | 1/2        | 208,412 | 1/2             |         | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| ١   | 163,691 | 3/4        | 178,753 | 3/4        | 193,770 | 3/4        | 208,721 | 3/4             |         | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |
| Ц   | 164,005 | 11         | 179,066 | 11         | 194,083 | 11         | 209,031 | 11              |         | 11              | 11       | 11       | 11         | 11       |        |
| 4   | 164,319 | 1/4        | 179,379 | 1/4        | 194,395 | 1/4        | 209,336 | 1/4             |         | 1/4             | 1/4      | 1/4      | 1/4        | 1/4      |        |
| 2   | 164,633 | 1/2        | 179,692 | 1/2        | 194,708 | 1/2        | 209,642 | 1/2             |         | 1/2             | 1/2      | 1/2      | 1/2        | 1/2      |        |
| 4   | 164,947 | 3/4        | 180,005 | 3/4        | 195,021 | 3/4        | 209,948 | 3/4             |         | 3/4             | 3/4      | 3/4      | 3/4        | 3/4      |        |

STRAPPED: 08/01/2013 CL CALCULATED: 08/01/2013 CL PRINTED: 08/01/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092 Pearland, Texas 77588 http://www.pmacorp.net



### 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

| CAL | CE | <b>HFIGHT</b> | 15'-1 | 11 1/ | 2" |
|-----|----|---------------|-------|-------|----|
|     |    |               |       |       |    |

| CAPAC    | ITIES GIVEN IN WHO | JLE GAL       |        |     |        |     |        |                   |                                       |               |        |               |         |     |         |         | GAUGE HE       | 10111     |         |
|----------|--------------------|---------------|--------|-----|--------|-----|--------|-------------------|---------------------------------------|---------------|--------|---------------|---------|-----|---------|---------|----------------|-----------|---------|
| IN       | 0 FT.              | IN            | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.  | IN                | 4 FT.                                 | IN            | 5 FT.  | IN            | 6 FT.   | IN  | 7 FT.   | IN      | 8 FT.          | IN        | 9 FT.   |
| 0        | 1,032              | 0             | 15,703 | 0   | 30,772 | 0   | 45,823 | 0                 | 60,880                                | 0             | 75,951 | 0             | 91,023  | 0   | 106,094 | 0       | 121,160        | 0         | 136,224 |
| 1/4      | 1,268              | 1/4           | 16,017 | 1/4 | 31,086 | 1/4 | 46,136 | 1/4               | 61,194                                | 1/4           | 76,265 | 1/4           | 91,337  | 1/4 | 106,408 | 1/4     | 121,474        | 1/4       | 136,538 |
| 1/2      | 1,503              | 1/2           | 16,331 | 1/2 | 31,400 | 1/2 | 46,449 | 1/2               | 61,508                                | 1/2           | 76,579 | 1/2           | 91,651  | 1/2 | 106,722 | 1/2     | 121,788        | 1/2       | 136,852 |
| 3/4      | 1,739              | 3/4           | 16,645 | 3/4 | 31,714 | 3/4 | 46,762 | 3/4               | 61,822                                | 3/4           | 76,893 | 3/4           | 91,965  | 3/4 | 107,036 | 3/4     | 122,102        | 3/4       | 137,166 |
| 1        | 1,974              | 1             | 16,959 | 1   | 32,028 | 1   | 47,075 | 1                 | 62,136                                | 1             | 77,207 | 1             | 92,279  | 1   | 107,350 | 1       | 122,416        | 1         | 137,480 |
| $\vdash$ |                    | $\overline{}$ | ,      |     |        |     |        | $\vdash$          |                                       |               |        | -             |         | +   |         | -       |                | -         |         |
| 1/4      | 2,268              | 1/4           | 17,273 | 1/4 | 32,342 | 1/4 | 47,388 | 1/4               | 62,450                                | 1/4           | 77,521 | 1/4           | 92,593  | 1/4 | 107,664 | 1/4     | 122,729        | 1/4       | 137,793 |
| 1/2      | 2,561              | 1/2           | 17,587 | 1/2 | 32,656 | 1/2 | 47,701 | 1/2               | 62,764                                | 1/2           | 77,835 | 1/2           | 92,907  | 1/2 | 107,978 | 1/2     | 123,043        | 1/2       | 138,107 |
| 3/4      | 2,855              | 3/4           | 17,901 | 3/4 | 32,970 | 3/4 | 48,014 | 3/4               | 63,077                                | 3/4           | 78,149 | 3/4           | 93,221  | 3/4 | 108,292 | 3/4     | 123,357        | 3/4       | 138,421 |
| 2        | 3,148              | 2             | 18,215 | 2   | 33,284 | 2   | 48,327 | 2                 | 63,391                                | 2             | 78,463 | 2             | 93,535  | 2   | 108,606 | 2       | 123,671        | 2         | 138,735 |
| 1/4      | 3,461              | 1/4           | 18,529 | 1/4 | 33,598 | 1/4 | 48,641 | 1/4               | 63,705                                | 1/4           | 78,777 | 1/4           | 93,849  | 1/4 | 108,920 | 1/4     | 123,985        | 1/4       | 139,049 |
| 1/2      | 3,774              | 1/2           | 18,843 | 1/2 | 33,912 | 1/2 | 48,954 | 1/2               | 64,019                                | 1/2           | 79,091 | 1/2           | 94,162  | 1/2 | 109,234 | 1/2     | 124,299        | 1/2       | 139,363 |
| 3/4      | 4,087              | 3/4           | 19,157 | 3/4 | 34,226 | 3/4 | 49,267 | 3/4               | 64,333                                | 3/4           | 79,405 | 3/4           | 94,476  | 3/4 | 109,548 | 3/4     | 124,612        | 3/4       | 139,676 |
| 3        | 4,400              | 3             | 19,471 | 3   | 34,540 | 3   | 49,580 | 3                 | 64,647                                | 3             | 79,719 | 3             | 94,790  | 3   | 109,862 | 3       | 124,926        | 3         | 139,990 |
| 1/4      | 4,714              | 1/4           | 19,785 | 1/4 | 34,854 | 1/4 | 49,893 | 1/4               | 64,961                                | 1/4           | 80,033 | 1/4           | 95,104  | 1/4 | 110,176 | 1/4     | 125,240        | 1/4       | 140,304 |
| 1/2      | 5,028              | 1/2           | 20,099 | 1/2 | 35,168 | 1/2 | 50,207 | 1/2               | 65,275                                | 1/2           | 80,347 | 1/2           | 95,418  | 1/2 | 110,490 | 1/2     | 125,554        | 1/2       | 140,618 |
| 3/4      | 5,342              | 3/4           | 20,413 | 3/4 | 35,482 | 3/4 | 50,520 | 3/4               | 65,589                                | 3/4           | 80,661 | 3/4           | 95,732  | 3/4 | 110,804 | 3/4     | 125,868        | 3/4       | 140,932 |
| 4        | 5,655              | 4             | 20,727 | 4   | 35,796 | 4   | 50,833 | 4                 | 65,903                                | 4             | 80,975 | 4             | 96,046  | 4   | 111,118 | 4       | 126,182        | 4         | 141,246 |
| $\vdash$ |                    | $\overline{}$ |        |     |        | -   | •      | $\longrightarrow$ |                                       | $\overline{}$ |        | $oldsymbol{}$ |         | -   |         | -       |                | -         |         |
| 1/4      | 5,969              | 1/4           | 21,041 | 1/4 | 36,110 | 1/4 | 51,147 | 1/4               | 66,217                                | 1/4           | 81,289 | 1/4           | 96,360  | 1/4 | 111,431 | 1/4     | 126,495        | 1/4       | 141,559 |
| 1/2      | 6,283              | 1/2           | 21,355 | 1/2 | 36,424 | 1/2 | 51,461 | 1/2               | 66,531                                | 1/2           | 81,603 | 1/2           | 96,674  | 1/2 | 111,745 | 1/2     | 126,809        | 1/2       | 141,873 |
| 3/4      | 6,597              | 3/4           | 21,669 | 3/4 | 36,738 | 3/4 | 51,774 | 3/4               | 66,845                                | 3/4           | 81,917 | 3/4           | 96,988  | 3/4 | 112,059 | 3/4     | 127,123        | 3/4       | 142,187 |
| 5        | 6,911              | 5             | 21,983 | 5   | 37,052 | 5   | 52,088 | 5                 | 67,159                                | 5             | 82,231 | 5             | 97,302  | 5   | 112,373 | 5       | 127,437        | 5         | 142,501 |
| 1/4      | 7,225              | 1/4           | 22,297 | 1/4 | 37,366 | 1/4 | 52,402 | 1/4               | 67,473                                | 1/4           | 82,545 | 1/4           | 97,616  | 1/4 | 112,687 | 1/4     | 127,751        | 1/4       | 142,815 |
| 1/2      | 7,539              | 1/2           | 22,611 | 1/2 | 37,680 | 1/2 | 52,716 | 1/2               | 67,787                                | 1/2           | 82,859 | 1/2           | 97,930  | 1/2 | 113,001 | 1/2     | 128,065        | 1/2       | 143,129 |
| 3/4      | 7,853              | 3/4           | 22,925 | 3/4 | 37,994 | 3/4 | 53,030 | 3/4               | 68,101                                | 3/4           | 83,173 | 3/4           | 98,244  | 3/4 | 113,314 | 3/4     | 128,378        | 3/4       | 143,442 |
| 6        | 8,167              | 6             | 23,239 | 6   | 38,308 | 6   | 53,344 | 6                 | 68,415                                | 6             | 83,487 | 6             | 98,558  | 6   | 113,628 | 6       | 128,692        | 6         | 143,756 |
| 1/4      | 8,481              | 1/4           | 23,553 | 1/4 | 38,621 | 1/4 | 53,658 | 1/4               | 68,729                                | 1/4           | 83,801 | 1/4           | 98,872  | 1/4 | 113,942 | 1/4     | 129,006        | 1/4       | 144,070 |
| 1/2      | 8,795              | 1/2           | 23,866 | 1/2 | 38,935 | 1/2 | 53,972 | 1/2               | 69,043                                | 1/2           | 84,115 | 1/2           | 99,186  | 1/2 | 114,256 | 1/2     | 129,320        | 1/2       | 144,384 |
| 3/4      | 9,109              | 3/4           | 24,180 | 3/4 | 39,248 | 3/4 | 54,286 | 3/4               | 69,357                                | 3/4           | 84,429 | 3/4           | 99,500  | 3/4 | 114,570 | 3/4     | 129,634        | 3/4       | 144,698 |
| 7        | 9,423              | 7             | 24,494 | 7   | 39,562 | 7   | 54,600 | 7                 | 69,671                                | 7             | 84,743 | 7             | 99,814  | 7   | 114,884 | 7       | 129,948        | 7         | 145,012 |
| $\vdash$ |                    | -             |        | -   |        | -   |        | -                 |                                       | -             |        | $oldsymbol{}$ |         | -   | •       | -       |                | -         |         |
| 1/4      | 9,737              | 1/4           | 24,808 | 1/4 | 39,875 | 1/4 | 54,914 | 1/4               | 69,985                                | 1/4           | 85,057 | 1/4           | 100,128 | 1/4 | 115,197 | 1/4     | 130,261        | 1/4       | 145,325 |
| 1/2      | 10,051             | 1/2           | 25,122 | 1/2 | 40,188 | 1/2 | 55,228 | 1/2               | 70,299                                | 1/2           | 85,371 | 1/2           | 100,442 | 1/2 | 115,511 | 1/2     | 130,575        | 1/2       | 145,639 |
| 3/4      | 10,365             | 3/4           | 25,436 | 3/4 | 40,501 | 3/4 | 55,542 | 3/4               | 70,613                                | 3/4           | 85,685 | 3/4           | 100,756 | 3/4 | 115,825 | 3/4     | 130,889        | 3/4       | 145,953 |
| 8        | 10,679             | 8             | 25,750 | 8   | 40,814 | 8   | 55,856 | 8                 | 70,927                                | 8             | 85,999 | 8             | 101,070 | 8   | 116,139 | 8       | 131,203        | 8         | 146,267 |
| 1/4      | 10,993             | 1/4           | 26,064 | 1/4 | 41,127 | 1/4 | 56,170 | 1/4               | 71,241                                | 1/4           | 86,313 | 1/4           | 101,384 | 1/4 | 116,453 | 1/4     | 131,517        | 1/4       | 146,581 |
| 1/2      | 11,307             | 1/2           | 26,378 | 1/2 | 41,440 | 1/2 | 56,484 | 1/2               | 71,555                                | 1/2           | 86,627 | 1/2           | 101,698 | 1/2 | 116,767 | 1/2     | 131,831        | 1/2       | 146,895 |
| 3/4      | 11,621             | 3/4           | 26,692 | 3/4 | 41,753 | 3/4 | 56,798 | 3/4               | 71,869                                | 3/4           | 86,941 | 3/4           | 102,012 | 3/4 | 117,080 | 3/4     | 132,144        | 3/4       | 147,208 |
| 9        | 11,935             | 9             | 27,006 | 9   | 42,066 | 9   | 57,112 | 9                 | 72,183                                | 9             | 87,255 | 9             | 102,326 | 9   | 117,394 | 9       | 132,458        | 9         | 147,522 |
| 1/4      | 12,249             | 1/4           | 27,320 | 1/4 | 42,379 | 1/4 | 57,426 | 1/4               | 72,497                                | 1/4           | 87,569 | 1/4           | 102,640 | 1/4 | 117,708 | 1/4     | 132,772        | 1/4       | 147,836 |
| 1/2      | 12,563             | 1/2           | 27,634 | 1/2 | 42,692 | 1/2 | 57,740 | 1/2               | 72,811                                | 1/2           | 87,883 | 1/2           | 102,954 | 1/2 | 118,022 | 1/2     | 133,086        | 1/2       | 148,150 |
| 3/4      | 12,877             | 3/4           | 27,947 | 3/4 | 43,005 | 3/4 | 58,054 | 3/4               | 73,125                                | 3/4           | 88,197 | 3/4           | 103,268 | 3/4 | 118,336 | 3/4     | 133,400        | 3/4       | 148,464 |
| 10       | 13,191             | 10            | 28,261 | 10  | 43,319 | 10  | 58,368 | 10                | 73,439                                | 10            | 88,511 | 10            | 103,582 | 10  | 118,650 | 10      | 133,714        | 10        | 148,778 |
| 1/4      | 13,505             | 1/4           | 28,575 | 1/4 | 43,632 | 1/4 | 58,682 | 1/4               | 73,753                                | 1/4           | 88,825 | 1/4           | 103,896 | 1/4 | 118,963 | 1/4     | 134,027        | 1/4       | 149,091 |
|          |                    |               |        | -   |        |     |        |                   | · · · · · · · · · · · · · · · · · · · |               |        |               |         |     |         |         |                |           |         |
| 1/2      | 13,819             | 1/2           | 28,889 | 1/2 | 43,945 | 1/2 | 58,996 | 1/2               | 74,067                                | 1/2           | 89,139 | 1/2           | 104,210 | 1/2 | 119,277 | 1/2     | 134,341        | 1/2       | 149,405 |
| 3/4      | 14,133             | 3/4           | 29,203 | 3/4 | 44,258 | 3/4 | 59,310 | 3/4               | 74,381                                | 3/4           | 89,453 | 3/4           | 104,524 | 3/4 | 119,591 | 3/4     | 134,655        | 3/4       | 149,719 |
| 11       | 14,447             | 11            | 29,516 | 11  | 44,571 | 11  | 59,624 | 11                | 74,695                                | 11            | 89,767 | 11            | 104,838 | 11  | 119,905 | 11      | 134,969        | 11        | 150,033 |
| 1/4      | 14,761             | 1/4           | 29,830 | 1/4 | 44,884 | 1/4 | 59,938 | 1/4               | 75,009                                | 1/4           | 90,081 | 1/4           | 105,152 | 1/4 | 120,219 | 1/4     | 135,283        | 1/4       | 150,347 |
| 1/2      | 15,075             | 1/2           | 30,144 | 1/2 | 45,197 | 1/2 | 60,252 | 1/2               | 75,323                                | 1/2           | 90,395 | 1/2           | 105,466 | 1/2 | 120,533 | 1/2     | 135,597        | 1/2       | 150,661 |
| 3/4      | 15,389             | 3/4           | 30,458 | 3/4 | 45,510 | 3/4 | 60,566 | 3/4               | 75,637                                | 3/4           | 90,709 | 3/4           | 105,780 | 3/4 | 120,846 | 3/4     | 135,910        | 3/4       | 150,974 |
|          |                    |               |        |     | •      | -   |        |                   |                                       |               |        |               |         |     | OFFICE  | ED OLIA | RT FOR THE ABO | N/E NIA N |         |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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The Scann



# 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/2"

| CAPACIT | IES GIVEN IN WHO   | OLE GALLO  | ONS     |            |                    |     |         |     |         |            |          |                 |                 | GAUGE HEIGHT |        |
|---------|--------------------|------------|---------|------------|--------------------|-----|---------|-----|---------|------------|----------|-----------------|-----------------|--------------|--------|
| IN      | 10 FT.             | IN         | 11 FT.  | IN         | 12 FT.             | IN  | 13 FT.  | IN  | 14 FT.  | IN         | 15 FT. N | <b>16 FT.</b> ℕ | <b>17 FT.</b> ℕ | 18 FT. ℕ     | 19 FT. |
| 0       | 151,288            | 0          | 166,352 | 0          | 181,405            | 0   | 196,418 | 0   | 211,334 | 0          | 0        | 0               | 0               | 0            |        |
| 1/4     | 151,602            | 1/4        | 166,666 | 1/4        | 181,718            | 1/4 | 196,731 | 1/4 | 211,614 | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 151,916            | 1/2        | 166,980 | 1/2        | 182,031            | 1/2 | 197,044 | 1/2 | 211,894 | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     | 152,230            | 3/4        | 167,294 | 3/4        | 182,344            | 3/4 | 197,357 | 3/4 | 212,174 | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 1       | 152,544            | 1          | 167,607 | 1          | 182,657            | 1   | 197,669 | 1   | 212,454 | 1          | 1        | 1               | 1               | 1            |        |
| 1/4     | 152,857            | 1/4        | 167,921 | 1/4        | 182,969            | 1/4 | 197,982 | 1/4 | 212,685 | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 153,171            | 1/2        | 168,235 | 1/2        | 183,282            | 1/2 | 198,295 | 1/2 | 212,916 | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     | 153,485            | 3/4        | 168,549 | 3/4        | 183,595            | 3/4 | 198,608 | 3/4 | 213,148 | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 2       | 153,799            | 2          | 168,863 | 2          | 183,908            | 2   | 198,920 | 2   | 213,379 | 2          | 2        | 2               | 2               | 2            |        |
| 1/4     | 154,113            | 1/4        | 169,177 | 1/4        | 184,220            | 1/4 | 199,233 | 1/4 | 213,558 | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 154,426            | 1/2        | 169,490 | 1/2        | 184,533            | 1/2 | 199,546 | 1/2 | 213,737 | 1/2        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 3/4     | 154,740            | 3/4        | 169,804 | 3/4        | 184,846            | 3/4 | 199,859 | 3/4 | 213,916 | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 3/4     | 155,054            | 3/4        | 170,118 | 3/4        | 185,159            | 3/4 | 200,171 | 3/4 | 214,095 | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| _       | 155,368            | -          | 170,110 | -          | 185,471            | -   | 200,484 | -   |         | -          |          |                 |                 |              |        |
| 1/4     |                    | 1/4        | 170,432 | 1/4        |                    | 1/4 | 200,464 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 155,682<br>155,996 | 1/2        |         | 1/2        | 185,784<br>186,097 | 1/2 | 200,797 | 1/2 |         | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     |                    | 3/4        | 171,060 | 3/4        |                    | 3/4 |         | 3/4 |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 4       | 156,309            | 4          | 171,373 | 4          | 186,410            | 4   | 201,423 | 4   |         | 4          | 4        | 4               | 4               | 4            |        |
| 1/4     | 156,623            | 1/4        | 171,687 | 1/4        | 186,722            | 1/4 | 201,735 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 156,937            | 1/2        | 172,001 | 1/2        | 187,035            | 1/2 | 202,048 | 1/2 |         | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     | 157,251            | 3/4        | 172,315 | 3/4        | 187,348            | 3/4 | 202,361 | 3/4 |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 5       | 157,565            | 5          | 172,629 | 5          | 187,661            | 5   | 202,674 | 5   |         | 5          | 5        | 5               | 5               | 5            |        |
| 1/4     | 157,879            | 1/4        | 172,943 | 1/4        | 187,974            | 1/4 | 202,985 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 158,192            | 1/2        | 173,256 | 1/2        | 188,286            | 1/2 | 203,296 | 1/2 |         | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     | 158,506            | 3/4        | 173,570 | 3/4        | 188,599            | 3/4 | 203,607 | 3/4 |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 6       | 158,820            | 6          | 173,884 | 6          | 188,912            | 6   | 203,919 | 6   |         | 6          | 6        | 6               | 6               | 6            |        |
| 1/4     | 159,134            | 1/4        | 174,198 | 1/4        | 189,225            | 1/4 | 204,228 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 159,448            | 1/2        | 174,512 | 1/2        | 189,537            | 1/2 | 204,538 | 1/2 |         | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     | 159,762            | 3/4        | 174,826 | 3/4        | 189,850            | 3/4 | 204,848 | 3/4 |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 7       | 160,075            | 7          | 175,139 | 7          | 190,163            | 7   | 205,157 | 7   |         | 7          | 7        | 7               | 7               | 7            |        |
| 1/4     | 160,389            | 1/4        | 175,453 | 1/4        | 190,476            | 1/4 | 205,467 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 160,703            | 1/2        | 175,767 | 1/2        | 190,788            | 1/2 | 205,777 | 1/2 |         | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     | 161,017            | 3/4        | 176,081 | 3/4        | 191,101            | 3/4 | 206,086 | 3/4 |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 8       | 161,331            | 8          | 176,395 | 8          | 191,414            | 8   | 206,396 | 8   |         | 8          | 8        | 8               | 8               | 8            |        |
| 1/4     | 161,645            | 1/4        | 176,709 | 1/4        | 191,727            | 1/4 | 206,706 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 161,958            | 1/2        | 177,022 | 1/2        | 192,040            | 1/2 | 207,016 | 1/2 |         | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     | 162,272            | 3/4        | 177,336 | 3/4        | 192,352            | 3/4 | 207,326 | 3/4 |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 9       | 162,586            | 9          | 177,650 | 9          | 192,665            | 9   | 207,636 | 9   |         | 9          | 9        | 9               | 9               | 9            |        |
| 1/4     | 162,900            | 1/4        | 177,963 | 1/4        | 192,978            | 1/4 | 207,945 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 163,214            | 1/2        | 178,277 | 1/2        | 193,291            | 1/2 | 208,255 | 1/2 |         | 1/2        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 3/4     | 163,528            | 3/4        | 178,590 | 3/4        | 193,603            | 3/4 | 208,565 | 3/4 |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 10      | 163,841            | 10         | 178,903 | 10         | 193,916            | 10  | 208,874 | 10  |         | 10         | 10       | 10              | 10              | 10           |        |
| 1/4     | 164,155            | 1/4        | 179,216 | 1/4        | 194,229            | 1/4 | 209,184 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
|         | 164,469            | -          | 179,529 | _          | 194,229            |     | 209,184 |     |         |            |          |                 |                 |              |        |
| 1/2     | 164,469            | 1/2<br>3/4 | 179,529 | 1/2<br>3/4 | 194,542            | 1/2 | 209,493 | 1/2 |         | 1/2<br>3/4 | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     |                    | 3/4        |         | 3/4        |                    | 3/4 |         |     |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |
| 11      | 165,097            | $\vdash$   | 180,154 | $\vdash$   | 195,167            | 11  | 210,112 | 11  |         | $\vdash$   |          |                 |                 |              |        |
| 1/4     | 165,411            | 1/4        | 180,467 | 1/4        | 195,480            | 1/4 | 210,417 | 1/4 |         | 1/4        | 1/4      | 1/4             | 1/4             | 1/4          |        |
| 1/2     | 165,724            | 1/2        | 180,780 | 1/2        | 195,793            | 1/2 | 210,723 | 1/2 |         | 1/2        | 1/2      | 1/2             | 1/2             | 1/2          |        |
| 3/4     | 166,038            | 3/4        | 181,093 | 3/4        | 196,106            | 3/4 | 211,029 | 3/4 |         | 3/4        | 3/4      | 3/4             | 3/4             | 3/4          |        |

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CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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### 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 15'-11 1/2"** 

| APACITI    | ES GIVEN IN WHO  | DLE GALLO  | NS               |           |                  |            |        |            |        |           |        |            |         |            |         |            | GAUGE H                               | :IGH I     | 15'-11 1/2" |
|------------|------------------|------------|------------------|-----------|------------------|------------|--------|------------|--------|-----------|--------|------------|---------|------------|---------|------------|---------------------------------------|------------|-------------|
| IN         | 0 FT.            | IN         | 1 FT.            | IN        | 2 FT.            | IN         | 3 FT.  | IN         | 4 FT.  | IN        | 5 FT.  | IN         | 6 FT.   | IN         | 7 FT.   | IN         | 8 FT.                                 | IN         | 9 FT.       |
| 0          | 1,028            | 0          | 15,627           | 0         | 30,609           | 0          | 45,363 | 0          | 59,914 | 0         | 74,818 | 0          | 89,777  | 0          | 104,749 | 0          | 119,711                               | 0          | 134,669     |
| 1/4        | 1,262            | 1/4        | 15,939           | 1/4       | 30,921           | 1/4        | 45,665 | 1/4        | 60,226 | 1/4       | 75,128 | 1/4        | 90,089  | 1/4        | 105,061 | 1/4        | 120,023                               | 1/4        | 134,981     |
| 1/2        | 1,497            | 1/2        | 16,251           | 1/2       | 31,233           | 1/2        | 45,966 | 1/2        | 60,537 | 1/2       | 75,438 | 1/2        | 90,401  | 1/2        | 105,373 | 1/2        | 120,334                               | 1/2        | 135,293     |
| 3/4        | 1,731            | 3/4        | 16,563           | 3/4       | 31,546           | 3/4        | 46,268 | 3/4        | 60,849 | 3/4       | 75,748 | 3/4        | 90,713  | 3/4        | 105,685 | 3/4        | 120,646                               | 3/4        | 135,604     |
| 1          | 1,966            | 1          | 16,875           | 1         | 31,858           | 1          | 46,569 | 1          | 61,161 | 1         | 76,058 | 1          | 91,025  | 1          | 105,997 | 1          | 120,958                               | 1          | 135,916     |
| 1/4        | 2,258            | 1/4        | 17,188           | 1/4       | 32,170           | 1/4        | 46,871 | 1/4        | 61,473 | 1/4       | 76,368 | 1/4        | 91,336  | 1/4        | 106,309 | 1/4        | 121,269                               | 1/4        | 136,228     |
| 1/2        | 2,550            | 1/2        | 17,500           | 1/2       | 32,482           | 1/2        | 47,173 | 1/2        | 61,785 | 1/2       | 76,678 | 1/2        | 91,648  | 1/2        | 106,621 | 1/2        | 121,581                               | 1/2        | 136,539     |
| 3/4        | 2,843            | 3/4        | 17,812           | 3/4       | 32,794           | 3/4        | 47,475 | 3/4        | 62,096 | 3/4       | 76,989 | 3/4        | 91,960  | 3/4        | 106,933 | 3/4        | 121,892                               | 3/4        | 136,851     |
| 2          | 3,135            | 2          | 18,124           | 2         | 33,106           | 2          | 47,777 | 2          | 62,408 | 2         | 77,299 | 2          | 92,272  | 2          | 107,245 | 2          | 122,204                               | 2          | 137,162     |
| 1/4        | 3,447            | 1/4        | 18,436           | 1/4       | 33,419           | 1/4        | 48,079 | 1/4        | 62,719 | 1/4       | 77,610 | 1/4        | 92,584  | 1/4        | 107,557 | 1/4        | 122,516                               | 1/4        | 137,474     |
| 1/2        | 3,758            | 1/2        | 18,748           | 1/2       | 33,731           | 1/2        | 48,381 | 1/2        | 63,030 | 1/2       | 77,921 | 1/4        | 92,895  | 1/4        | 107,869 | 1/2        | 122,827                               | 1/2        | 137,786     |
| 3/4        | 4.070            | 3/4        | 19,061           | 3/4       | 34,043           | 3/4        | 48,684 | 3/4        | 63,341 | 3/4       | 78,232 | 3/4        | 93,207  | 3/4        | 108,180 | 3/4        | 123,139                               | 3/4        | 138,097     |
| 3          | 4,382            | 3          | 19,373           | 3         | 34,355           | 3          | 48,986 | 3          | 63,652 | 3         | 78,543 | 3          | 93,519  | 3          | 108,492 | 3          | 123,451                               | 3          | 138,409     |
|            | 4,562            |            |                  | _         |                  | -          | 49,288 | $\vdash$   |        | $\vdash$  | 78,855 | -          | 93,831  | -          |         | _          | 123,451                               |            |             |
| 1/4        | ,                | 1/4        | 19,685           | 1/4       | 34,667           | 1/4        | -,     | 1/4        | 63,962 | 1/4       | -,     | 1/4        | ,       | 1/4        | 108,804 | 1/4        | -, -                                  | 1/4        | 138,721     |
| 1/2        | 5,006            | 1/2        | 19,997           | 1/2       | 34,978           | 1/2        | 49,591 | 1/2        | 64,273 | 1/2       | 79,168 | 1/2        | 94,143  | 1/2        | 109,115 | 1/2        | 124,074                               | 1/2        | 139,032     |
| 3/4        | 5,319            | 3/4        | 20,309           | 3/4       | 35,290           | 3/4        | 49,893 | 3/4        | 64,583 | 3/4       | 79,480 | 3/4        | 94,454  | 3/4        | 109,427 | 3/4        | 124,386                               | 3/4        | 139,344     |
| 4          | 5,631            | 4          | 20,621           | 4         | 35,602           | 4          | 50,195 | 4          | 64,893 | 4         | 79,792 | 4          | 94,766  | 4          | 109,739 | 4          | 124,697                               | 4          | 139,656     |
| 1/4        | 5,943            | 1/4        | 20,934           | 1/4       | 35,910           | 1/4        | 50,498 | 1/4        | 65,203 | 1/4       | 80,104 | 1/4        | 95,078  | 1/4        | 110,050 | 1/4        | 125,009                               | 1/4        | 139,967     |
| 1/2        | 6,256            | 1/2        | 21,246           | 1/2       | 36,218           | 1/2        | 50,800 | 1/2        | 65,513 | 1/2       | 80,416 | 1/2        | 95,390  | 1/2        | 110,362 | 1/2        | 125,320                               | 1/2        | 140,279     |
| 3/4        | 6,568            | 3/4        | 21,558           | 3/4       | 36,526           | 3/4        | 51,102 | 3/4        | 65,823 | 3/4       | 80,728 | 3/4        | 95,702  | 3/4        | 110,674 | 3/4        | 125,632                               | 3/4        | 140,590     |
| 5          | 6,880            | 5          | 21,870           | 5         | 36,834           | 5          | 51,405 | 5          | 66,133 | 5         | 81,040 | 5          | 96,013  | 5          | 110,985 | 5          | 125,944                               | 5          | 140,902     |
| 1/4        | 7,193            | 1/4        | 22,182           | 1/4       | 37,139           | 1/4        | 51,707 | 1/4        | 66,444 | 1/4       | 81,352 | 1/4        | 96,325  | 1/4        | 111,297 | 1/4        | 126,255                               | 1/4        | 141,213     |
| 1/2        | 7,505            | 1/2        | 22,494           | 1/2       | 37,443           | 1/2        | 52,009 | 1/2        | 66,754 | 1/2       | 81,664 | 1/2        | 96,637  | 1/2        | 111,609 | 1/2        | 126,567                               | 1/2        | 141,524     |
| 3/4        | 7,818            | 3/4        | 22,807           | 3/4       | 37,748           | 3/4        | 52,312 | 3/4        | 67,064 | 3/4       | 81,977 | 3/4        | 96,949  | 3/4        | 111,920 | 3/4        | 126,879                               | 3/4        | 141,836     |
| 6          | 8,130            | 6          | 23,119           | 6         | 38,053           | 6          | 52,614 | 6          | 67,374 | 6         | 82,289 | 6          | 97,261  | 6          | 112,232 | 6          | 127,190                               | 6          | 142,147     |
| 1/4        | 8,442            | 1/4        | 23,431           | 1/4       | 38,358           | 1/4        | 52,916 | 1/4        | 67,684 | 1/4       | 82,601 | 1/4        | 97,572  | 1/4        | 112,543 | 1/4        | 127,502                               | 1/4        | 142,454     |
| 1/2        | 8,755            | 1/2        | 23,743           | 1/2       | 38,663           | 1/2        | 53,218 | 1/2        | 67,994 | 1/2       | 82,913 | 1/2        | 97,884  | 1/2        | 112,855 | 1/2        | 127,813                               | 1/2        | 142,761     |
| 3/4        | 9,068            | 3/4        | 24,055           | 3/4       | 38,968           | 3/4        | 53,521 | 3/4        | 68,304 | 3/4       | 83,225 | 3/4        | 98,196  | 3/4        | 113,167 | 3/4        | 128,125                               | 3/4        | 143,068     |
| 7          | 9,380            | 7          | 24,368           | 7         | 39,273           | 7          | 53,823 | 7          | 68,615 | 7         | 83,537 | 7          | 98,508  | 7          | 113,478 | 7          | 128,437                               | 7          | 143,375     |
| 1/4        | 9,693            | 1/4        | 24,680           | 1/4       | 39,577           | 1/4        | 54,125 | 1/4        | 68,925 | 1/4       | 83,849 | 1/4        | 98,820  | 1/4        | 113,790 | 1/4        | 128,748                               | 1/4        | 143,669     |
| 1/2        | 10,006           | 1/2        | 24,992           | 1/2       | 39,882           | 1/2        | 54,428 | 1/2        | 69,235 | 1/2       | 84,161 | 1/2        | 99,132  | 1/2        | 114,102 | 1/2        | 129,060                               | 1/2        | 143,964     |
| 3/4        | 10,318           | 3/4        | 25,304           | 3/4       | 40,187           | 3/4        | 54,730 | 3/4        | 69,545 | 3/4       | 84,473 | 3/4        | 99,444  | 3/4        | 114,413 | 3/4        | 129,372                               | 3/4        | 144,258     |
| 8          | 10,631           | 8          | 25,616           | 8         | 40,492           | 8          | 55,032 | 8          | 69,855 | 8         | 84,786 | 8          | 99,756  | 8          | 114,725 | 8          | 129,683                               | 8          | 144,553     |
| 1/4        | 10,943           | 1/4        | 25,928           | 1/4       | 40,797           | 1/4        | 55,335 | 1/4        | 70,165 | 1/4       | 85,098 | 1/4        | 100,068 | 1/4        | 115,037 | 1/4        | 129,995                               | 1/4        | 144,831     |
| 1/2        | 11,256           | 1/2        | 26,240           | 1/2       | 41,102           | 1/2        | 55,637 | 1/2        | 70,475 | 1/2       | 85,410 | 1/2        | 100,381 | 1/2        | 115,348 | 1/2        | 130,307                               | 1/2        | 145,110     |
| 3/4        | 11,568           | 3/4        | 26,553           | 3/4       | 41,407           | 3/4        | 55,939 | 3/4        | 70,786 | 3/4       | 85,722 | 3/4        | 100,693 | 3/4        | 115,660 | 3/4        | 130,618                               | 3/4        | 145,388     |
| 9          | 11,881           | 9          | 26,865           | 9         | 41,711           | 9          | 56,242 | 9          | 71,096 | 9         | 86,034 | 9          | 101,005 | 9          | 115,971 | 9          | 130,930                               | 9          | 145,667     |
| 1/4        | 12,193           | 1/4        | 27,177           | 1/4       | 42,016           | 1/4        | 56,546 | 1/4        | 71,406 | 1/4       | 86,346 | 1/4        | 101,003 | 1/4        | 116,283 | 1/4        | 131,241                               | 1/4        | 145,930     |
|            | 12,193           |            | 27,177           |           | 42,016           |            | 56,849 | 1/4        | 71,406 |           | 86,658 |            | 101,317 |            | 116,283 | _          | 131,241                               |            | 145,930     |
| 1/2<br>3/4 | 12,505           | 1/2<br>3/4 | 27,469           | 1/2       | 42,321           | 1/2<br>3/4 | 56,649 | 3/4        | 71,716 | 1/2       | 86,970 | 1/2<br>3/4 | 101,629 | 1/2<br>3/4 | 116,996 | 1/2<br>3/4 | 131,865                               | 1/2<br>3/4 | 146,192     |
| 10         |                  | 3/4<br>10  |                  | 3/4<br>10 |                  | 3/4<br>10  |        | 3/4        |        | 3/4<br>10 |        | 3/4<br>10  |         | 3/4<br>10  |         | 3/4        | · · · · · · · · · · · · · · · · · · · | 3/4<br>10  |             |
| _          | 13,129           |            | 28,113           |           | 42,931           | -          | 57,457 | -          | 72,336 | -         | 87,282 | -          | 102,253 | -          | 117,218 | -          | 132,176                               | -          | 146,718     |
| 1/4        | 13,441           | 1/4        | 28,425           | 1/4       | 43,236           | 1/4        | 57,763 | 1/4        | 72,647 | 1/4       | 87,594 | 1/4        | 102,565 | 1/4        | 117,530 | 1/4        | 132,488                               | 1/4        | 146,965     |
| 1/2        | 13,754           | 1/2        | 28,737           | 1/2       | 43,541           | 1/2        | 58,068 | 1/2        | 72,957 | 1/2       | 87,906 | 1/2        | 102,877 | 1/2        | 117,841 | 1/2        | 132,800                               | 1/2        | 147,212     |
| 3/4        | 14,066           | 3/4        | 29,049           | 3/4       | 43,845           | 3/4        | 58,374 | 3/4        | 73,267 | 3/4       | 88,218 | 3/4        | 103,189 | 3/4        | 118,153 | 3/4        | 133,111                               | 3/4        | 147,459     |
| 11         | 14,378           | 11         | 29,361           | 11        | 44,150           | 11         | 58,679 | 11         | 73,577 | 11        | 88,530 | 11         | 103,501 | 11         | 118,464 | 11         | 133,423                               | 11         | 147,706     |
| 1/4        | 14,690           | 1/4        | 29,673           | 1/4       | 44,453           | 1/4        | 58,988 | 1/4        | 73,887 | 1/4       | 88,842 | 1/4        | 103,813 | 1/4        | 118,776 | 1/4        | 133,734                               | 1/4        | 147,937     |
|            |                  |            | 20 205           | 1 1       | 44 757           | 1          | 59,297 | 1          | 74,197 | 1         | 89,154 |            | 104,125 | 1          | 119,088 | 1/2        | 134,046                               | 1 1        | 148,168     |
| 1/2        | 15,002<br>15,314 | 1/2<br>3/4 | 29,985<br>30,297 | 1/2       | 44,757<br>45,060 | 1/2        | 59,297 | 1/2<br>3/4 | 74,197 | 1/2       | 89,466 | 1/2        | 104,125 | 1/2        | 119,399 | 1/2        | 134,358                               | 1/2<br>3/4 | 148,399     |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092 Pearland, Texas 77588 http://www.pmacorp.net



# 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/2"

| CAPACI        | TIES GIVEN IN WHO | DLE GALL | ONS     |          |         |     |         |     |          |     |          |          |          | GAUGE HEIGHT        | 15'-11 1/2"  |
|---------------|-------------------|----------|---------|----------|---------|-----|---------|-----|----------|-----|----------|----------|----------|---------------------|--------------|
| IN            | 10 FT.            | IN       | 11 FT.  | IN       | 12 FT.  | IN  | 13 FT.  | IN  | 14 FT.   | IN  | 15 FT. N | 16 FT. № | 17 FT. N | 18 FT. N            | 19 FT.       |
| 0             | 148,630           | 0        | 159.008 | 0        | 169.364 | 0   | 179,691 | 0   | 190.003  | 0   | 0        | 0        | 0        | 0                   |              |
| 1/4           | 148,850           | 1/4      | 159,224 | 1/4      | 169,579 | 1/4 | 179,906 | 1/4 | 190,196  | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 149,069           | 1/2      | 159,440 | 1/2      | 169,794 | 1/2 | 180,121 | 1/2 | 190,389  | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 149,289           | 3/4      | 159,656 | 3/4      | 170,009 | 3/4 | 180,336 | 3/4 | 190,582  | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 1             | 149,508           | 1        | 159,871 | 1        | 170,224 | 1   | 180,551 | 1   | 190,775  | 1   | 1        | 1        | 1        | 1                   |              |
| 1/4           | 149,724           | 1/4      | 160,087 | 1/4      | 170,439 | 1/4 | 180,766 | 1/4 | 190,935  | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
|               | 149,940           | 1/2      | 160,303 | 1/2      | 170,655 | 1/2 | 180,982 | 1/2 | 191,094  | 1/2 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2<br>3/4    | 150,156           | 3/4      | 160,503 | 3/4      | 170,870 | 3/4 | 181,197 | 3/4 | 191,254  | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 2             | 150,372           | 2        | 160,735 | 2        | 171,085 | 2   | 181,412 | 3/4 | 191,414  | 2   | 2        | 3/4      | 3/4      | 3/4                 |              |
| $\overline{}$ |                   | -        |         |          |         | -   |         | -   |          |     |          | -        |          |                     |              |
| 1/4           | 150,588           | 1/4      | 160,951 | 1/4      | 171,300 | 1/4 | 181,627 | 1/4 | 191,537  | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 150,803           | 1/2      | 161,167 | 1/2      | 171,515 | 1/2 | 181,842 | 1/2 | 191,661  | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 151,019           | 3/4      | 161,383 | 3/4      | 171,730 | 3/4 | 182,057 | 3/4 | 191,784  | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 3             | 151,235           | 3        | 161,599 | 3        | 171,945 | 3   | 182,273 | 3   | 191,908  | 3   | 3        | 3        | 3        | 3                   |              |
| 1/4           | 151,451           | 1/4      | 161,815 | 1/4      | 172,161 | 1/4 | 182,488 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 151,667           | 1/2      | 162,031 | 1/2      | 172,376 | 1/2 | 182,703 | 1/2 |          | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 151,883           | 3/4      | 162,246 | 3/4      | 172,591 | 3/4 | 182,918 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 4             | 152,099           | 4        | 162,462 | 4        | 172,806 | 4   | 183,133 | 4   |          | 4   | 4        | 4        | 4        | 4                   |              |
| 1/4           | 152,315           | 1/4      | 162,678 | 1/4      | 173,021 | 1/4 | 183,348 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 152,531           | 1/2      | 162,894 | 1/2      | 173,236 | 1/2 | 183,563 | 1/2 |          | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 152,747           | 3/4      | 163,110 | 3/4      | 173,452 | 3/4 | 183,779 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 5             | 152,962           | 5        | 163,326 | 5        | 173,667 | 5   | 183,994 | 5   |          | 5   | 5        | 5        | 5        | 5                   |              |
| 1/4           | 153,178           | 1/4      | 163,542 | 1/4      | 173,882 | 1/4 | 184,209 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 153,394           | 1/2      | 163,758 | 1/2      | 174,097 | 1/2 | 184,424 | 1/2 |          | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 153,610           | 3/4      | 163,974 | 3/4      | 174,312 | 3/4 | 184,639 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 6             | 153,826           | 6        | 164,190 | 6        | 174,527 | 6   | 184,854 | 6   |          | 6   | 6        | 6        | 6        | 6                   |              |
| 1/4           | 154,042           | 1/4      | 164,406 | 1/4      | 174,742 | 1/4 | 185,069 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 154,258           | 1/2      | 164,621 | 1/2      | 174,958 | 1/2 | 185,285 | 1/2 |          | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 154,474           | 3/4      | 164,837 | 3/4      | 175,173 | 3/4 | 185,500 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 7             | 154,690           | 7        | 165,053 | 7        | 175,388 | 7   | 185,715 | 7   |          | 7   | 7        | 7        | 7        | 7                   |              |
| 1/4           | 154,906           | 1/4      | 165,269 | 1/4      | 175,603 | 1/4 | 185,930 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/4           | 155,122           | 1/4      | 165,485 | 1/4      | 175,818 | 1/4 | 186,145 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 3/4           | 155,337           | 3/4      | 165,701 | 3/4      | 176,033 | 3/4 | 186,360 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 8             | 155,553           | 8        | 165,917 | 8        | 176,033 | 8   | 186,576 | 8   |          | 3/4 | 8        | 3/4      | 3/4      | 3/4                 |              |
| _             | 155,769           | -        | 166,133 | $\vdash$ | 176,246 | -   | 186,791 |     |          |     |          |          |          |                     |              |
| 1/4           | 155,769           | 1/4      | 166,349 | 1/4      | 176,464 | 1/4 | 187,006 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           |                   | 1/2      | 166,349 | 1/2      | 176,679 | 1/2 |         | 1/2 |          | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 156,201           | 3/4      |         | 3/4      |         | 3/4 | 187,221 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 | 1            |
| 9             | 156,417           | 9        | 166,780 | 9        | 177,109 | 9   | 187,437 | 9   | <b>.</b> | 9   | 9        | 9        | 9        |                     |              |
| 1/4           | 156,633           | 1/4      | 166,996 | 1/4      | 177,324 | 1/4 | 187,652 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 156,849           | 1/2      | 167,212 | 1/2      | 177,539 | 1/2 | 187,867 | 1/2 |          | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 157,065           | 3/4      | 167,427 | 3/4      | 177,754 | 3/4 | 188,082 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 10            | 157,281           | 10       | 167,643 | 10       | 177,970 | 10  | 188,297 | 10  |          | 10  | 10       | 10       | 10       | 10                  |              |
| 1/4           | 157,497           | 1/4      | 167,858 | 1/4      | 178,185 | 1/4 | 188,512 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 157,712           | 1/2      | 168,073 | 1/2      | 178,400 | 1/2 | 188,727 | 1/2 |          | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 157,928           | 3/4      | 168,288 | 3/4      | 178,615 | 3/4 | 188,942 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
| 11            | 158,144           | 11       | 168,503 | 11       | 178,830 | 11  | 189,157 | 11  |          | 11  | 11       | 11       | 11       | 11                  |              |
| 1/4           | 158,360           | 1/4      | 168,718 | 1/4      | 179,045 | 1/4 | 189,369 | 1/4 |          | 1/4 | 1/4      | 1/4      | 1/4      | 1/4                 |              |
| 1/2           | 158,576           | 1/2      | 168,933 | 1/2      | 179,260 | 1/2 | 189,580 | 1/2 |          | 1/2 | 1/2      | 1/2      | 1/2      | 1/2                 |              |
| 3/4           | 158,792           | 3/4      | 169,149 | 3/4      | 179,476 | 3/4 | 189,792 | 3/4 |          | 3/4 | 3/4      | 3/4      | 3/4      | 3/4                 |              |
|               |                   |          |         |          | •       |     | , -     |     |          |     | 1        |          |          | ART FOR THE ABOVE N | AMED TANK ON |

STRAPPED: 08/01/2013 CL CALCULATED: 08/01/2013 CL PRINTED: 08/01/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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### 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/4"

| CAPACI | TIES GIVEN IN WHO | DLE GALL | ONS              |                 |                  |     |                  |            |                  |                 |                  |     |                  |               |                    |                 | GAUGE HE           | IGHT            | 15'-11 1/4"        |
|--------|-------------------|----------|------------------|-----------------|------------------|-----|------------------|------------|------------------|-----------------|------------------|-----|------------------|---------------|--------------------|-----------------|--------------------|-----------------|--------------------|
| IN     | 0 FT.             | IN       | 1 FT.            | IN              | 2 FT.            | IN  | 3 FT.            | IN         | 4 FT.            | IN              | 5 FT.            | IN  | 6 FT.            | IN            | 7 FT.              | IN              | 8 FT.              | IN              | 9 FT.              |
| 0      | 1,028             | 0        | 15,640           | 0               | 30,652           | 0   | 45,647           | 0          | 60,657           | 0               | 75,669           | 0   | 90,681           | 0             | 105,693            | 0               | 120,688            | 0               | 135,680            |
| 1/4    | 1,262             | 1/4      | 15,953           | 1/4             | 30,964           | 1/4 | 45,959           | 1/4        | 60,970           | 1/4             | 75,982           | 1/4 | 90,994           | 1/4           | 106,006            | 1/4             | 121,000            | 1/4             | 135,992            |
| 1/2    | 1,497             | 1/2      | 16,266           | 1/2             | 31,277           | 1/2 | 46,272           | 1/2        | 61,283           | 1/2             | 76,295           | 1/2 | 91,306           | 1/2           | 106,318            | 1/2             | 121,313            | 1/2             | 136,305            |
| 3/4    | 1,732             | 3/4      | 16,578           | 3/4             | 31,590           | 3/4 | 46,584           | 3/4        | 61,595           | 3/4             | 76,607           | 3/4 | 91,619           | 3/4           | 106,631            | 3/4             | 121,625            | 3/4             | 136,617            |
| 1      | 1,966             | 1        | 16,891           | 1               | 31,903           | 1   | 46,897           | 1          | 61,908           | 1               | 76,920           | 1   | 91,932           | 1             | 106,944            | 1               | 121,937            | 1               | 136,929            |
| 1/4    | 2,258             | 1/4      | 17,204           | 1/4             | 32,215           | 1/4 | 47,209           | 1/4        | 62,221           | 1/4             | 77,233           | 1/4 | 92,245           | 1/4           | 107,256            | 1/4             | 122,250            | 1/4             | 137,242            |
| 1/2    | 2,551             | 1/2      | 17,517           | 1/2             | 32,528           | 1/2 | 47,522           | 1/2        | 62,534           | 1/2             | 77,546           | 1/2 | 92,557           | 1/2           | 107,569            | 1/2             | 122,562            | 1/2             | 137,554            |
| 3/4    | 2.843             | 3/4      | 17,829           | 3/4             | 32,841           | 3/4 | 47,835           | 3/4        | 62,846           | 3/4             | 77,858           | 3/4 | 92,870           | 3/4           | 107,882            | 3/4             | 122,874            | 3/4             | 137,866            |
| 2      | 3,136             | 2        | 18,142           | 2               | 33,153           | 2   | 48,147           | 2          | 63,159           | 2               | 78,171           | 2   | 93,183           | 2             | 108,194            | 2               | 123,187            | 2               | 138,179            |
| 1/4    | 3,447             | 1/4      | 18,455           | 1/4             | 33,466           | 1/4 | 48,460           | 1/4        | 63,472           | 1/4             | 78,484           | 1/4 | 93,496           | 1/4           | 108,507            | 1/4             | 123,499            | 1/4             | 138,491            |
| 1/2    | 3,759             | 1/2      | 18,768           | 1/2             | 33,779           | 1/2 | 48,773           | 1/2        | 63,785           | 1/2             | 78,797           | 1/2 | 93,808           | 1/4           | 108,819            | 1/2             | 123,811            | 1/2             | 138,803            |
| 3/4    | 4.071             | 3/4      | 19.080           | 3/4             | 34,092           | 3/4 | 49,086           | 3/4        | 64,097           | 3/4             | 79,109           | 3/4 | 94,121           | 3/4           | 109,131            | 3/4             | 124,124            | 3/4             | 139,116            |
| 3      | 4,383             | 3        | 19,393           | 3               | 34,404           | 3   | 49,398           | 3          | 64,410           | 3               | 79,422           | 3   | 94,434           | 3             | 109,444            | 3               | 124,436            | 3               | 139,428            |
| -      | 4,695             | -        |                  | -               |                  | -   |                  | _          |                  | -               |                  | -   |                  | $\overline{}$ | ,                  |                 | 124,748            | -               |                    |
| 1/4    | 5,008             | 1/4      | 19,706           | 1/4             | 34,717           | 1/4 | 49,711           | 1/4        | 64,723           | 1/4             | 79,735<br>80.048 | 1/4 | 94,747           | 1/4           | 109,756            | 1/4             |                    | 1/4             | 139,740            |
| 1/2    | 5,008             | 1/2      | 20,019<br>20,331 | 1/2             | 35,029<br>35,342 | 1/2 | 50,024<br>50,337 | 1/2<br>3/4 | 65,036<br>65,348 | 1/2             | 80,360           | 1/2 | 95,059<br>95,372 | 1/2           | 110,069<br>110,381 | 1/2             | 125,061<br>125,373 | 1/2             | 140,053<br>140,365 |
| 3/4    |                   | 3/4      |                  | 3/4<br><b>4</b> |                  | 3/4 |                  | _          |                  | 3/4<br><b>4</b> |                  | 3/4 |                  | 3/4           |                    | 3/4<br><b>4</b> |                    | 3/4<br><b>4</b> | ·                  |
| 4      | 5,633             | 4        | 20,644           | -               | 35,654           | 4   | 50,649           | 4          | 65,661           | $\vdash$        | 80,673           | 4   | 95,685           | 4             | 110,693            | -               | 125,685            | $\vdash$        | 140,677            |
| 1/4    | 5,945             | 1/4      | 20,957           | 1/4             | 35,967           | 1/4 | 50,962           | 1/4        | 65,974           | 1/4             | 80,986           | 1/4 | 95,998           | 1/4           | 111,006            | 1/4             | 125,998            | 1/4             | 140,989            |
| 1/2    | 6,258             | 1/2      | 21,269           | 1/2             | 36,279           | 1/2 | 51,275           | 1/2        | 66,287           | 1/2             | 81,299           | 1/2 | 96,310           | 1/2           | 111,318            | 1/2             | 126,310            | 1/2             | 141,302            |
| 3/4    | 6,571             | 3/4      | 21,582           | 3/4             | 36,591           | 3/4 | 51,588           | 3/4        | 66,599           | 3/4             | 81,611           | 3/4 | 96,623           | 3/4           | 111,630            | 3/4             | 126,622            | 3/4             | 141,614            |
| 5      | 6,884             | 5        | 21,895           | 5               | 36,903           | 5   | 51,900           | 5          | 66,912           | 5               | 81,924           | 5   | 96,936           | 5             | 111,943            | 5               | 126,935            | 5               | 141,926            |
| 1/4    | 7,196             | 1/4      | 22,208           | 1/4             | 37,216           | 1/4 | 52,213           | 1/4        | 67,225           | 1/4             | 82,237           | 1/4 | 97,249           | 1/4           | 112,255            | 1/4             | 127,247            | 1/4             | 142,238            |
| 1/2    | 7,509             | 1/2      | 22,520           | 1/2             | 37,528           | 1/2 | 52,526           | 1/2        | 67,538           | 1/2             | 82,550           | 1/2 | 97,561           | 1/2           | 112,567            | 1/2             | 127,559            | 1/2             | 142,550            |
| 3/4    | 7,822             | 3/4      | 22,833           | 3/4             | 37,840           | 3/4 | 52,839           | 3/4        | 67,850           | 3/4             | 82,862           | 3/4 | 97,874           | 3/4           | 112,880            | 3/4             | 127,872            | 3/4             | 142,862            |
| 6      | 8,134             | 6        | 23,146           | 6               | 38,152           | 6   | 53,151           | 6          | 68,163           | 6               | 83,175           | 6   | 98,187           | 6             | 113,192            | 6               | 128,184            | 6               | 143,174            |
| 1/4    | 8,447             | 1/4      | 23,459           | 1/4             | 38,465           | 1/4 | 53,464           | 1/4        | 68,476           | 1/4             | 83,488           | 1/4 | 98,500           | 1/4           | 113,504            | 1/4             | 128,496            | 1/4             | 143,482            |
| 1/2    | 8,760             | 1/2      | 23,771           | 1/2             | 38,777           | 1/2 | 53,777           | 1/2        | 68,789           | 1/2             | 83,801           | 1/2 | 98,812           | 1/2           | 113,817            | 1/2             | 128,809            | 1/2             | 143,790            |
| 3/4    | 9,073             | 3/4      | 24,084           | 3/4             | 39,089           | 3/4 | 54,090           | 3/4        | 69,101           | 3/4             | 84,113           | 3/4 | 99,125           | 3/4           | 114,129            | 3/4             | 129,121            | 3/4             | 144,097            |
| 7      | 9,385             | 7        | 24,397           | 7               | 39,401           | 7   | 54,402           | 7          | 69,414           | 7               | 84,426           | 7   | 99,438           | 7             | 114,441            | 7               | 129,433            | 7               | 144,405            |
| 1/4    | 9,698             | 1/4      | 24,710           | 1/4             | 39,714           | 1/4 | 54,715           | 1/4        | 69,727           | 1/4             | 84,739           | 1/4 | 99,751           | 1/4           | 114,754            | 1/4             | 129,746            | 1/4             | 144,700            |
| 1/2    | 10,011            | 1/2      | 25,022           | 1/2             | 40,026           | 1/2 | 55,028           | 1/2        | 70,040           | 1/2             | 85,051           | 1/2 | 100,063          | 1/2           | 115,066            | 1/2             | 130,058            | 1/2             | 144,995            |
| 3/4    | 10,324            | 3/4      | 25,335           | 3/4             | 40,338           | 3/4 | 55,341           | 3/4        | 70,352           | 3/4             | 85,364           | 3/4 | 100,376          | 3/4           | 115,378            | 3/4             | 130,370            | 3/4             | 145,290            |
| 8      | 10,636            | 8        | 25,648           | 8               | 40,650           | 8   | 55,653           | 8          | 70,665           | 8               | 85,677           | 8   | 100,689          | 8             | 115,691            | 8               | 130,683            | 8               | 145,586            |
| 1/4    | 10,949            | 1/4      | 25,961           | 1/4             | 40,963           | 1/4 | 55,966           | 1/4        | 70,978           | 1/4             | 85,990           | 1/4 | 101,002          | 1/4           | 116,003            | 1/4             | 130,995            | 1/4             | 145,865            |
| 1/2    | 11,262            | 1/2      | 26,273           | 1/2             | 41,275           | 1/2 | 56,279           | 1/2        | 71,291           | 1/2             | 86,302           | 1/2 | 101,314          | 1/2           | 116,315            | 1/2             | 131,307            | 1/2             | 146,144            |
| 3/4    | 11,575            | 3/4      | 26,586           | 3/4             | 41,587           | 3/4 | 56,591           | 3/4        | 71,603           | 3/4             | 86,615           | 3/4 | 101,627          | 3/4           | 116,628            | 3/4             | 131,620            | 3/4             | 146,423            |
| 9      | 11,887            | 9        | 26,899           | 9               | 41,899           | 9   | 56,904           | 9          | 71,916           | 9               | 86,928           | 9   | 101,940          | 9             | 116,940            | 9               | 131,932            | 9               | 146,702            |
| 1/4    | 12,200            | 1/4      | 27,211           | 1/4             | 42,212           | 1/4 | 57,217           | 1/4        | 72,229           | 1/4             | 87,241           | 1/4 | 102,253          | 1/4           | 117,252            | 1/4             | 132,244            | 1/4             | 146,965            |
| 1/2    | 12,513            | 1/2      | 27,524           | 1/2             | 42,524           | 1/2 | 57,530           | 1/2        | 72,542           | 1/2             | 87,553           | 1/2 | 102,565          | 1/2           | 117,565            | 1/2             | 132,557            | 1/2             | 147,229            |
| 3/4    | 12,826            | 3/4      | 27,837           | 3/4             | 42,836           | 3/4 | 57,842           | 3/4        | 72,854           | 3/4             | 87,866           | 3/4 | 102,878          | 3/4           | 117,877            | 3/4             | 132,869            | 3/4             | 147,492            |
| 10     | 13,138            | 10       | 28,150           | 10              | 43,148           | 10  | 58,155           | 10         | 73,167           | 10              | 88,179           | 10  | 103,191          | 10            | 118,189            | 10              | 133,181            | 10              | 147,755            |
| 1/4    | 13,451            | 1/4      | 28,462           | 1/4             | 43,461           | 1/4 | 58,468           | 1/4        | 73,480           | 1/4             | 88,492           | 1/4 | 103,504          | 1/4           | 118,502            | 1/4             | 133,494            | 1/4             | 148,002            |
| 1/2    | 13,764            | 1/2      | 28,775           | 1/2             | 43,773           | 1/2 | 58,781           | 1/2        | 73,793           | 1/2             | 88,804           | 1/2 | 103,816          | 1/2           | 118,814            | 1/2             | 133,806            | 1/2             | 148,249            |
| 3/4    | 14,076            | 3/4      | 29,088           | 3/4             | 44,085           | 3/4 | 59,093           | 3/4        | 74,105           | 3/4             | 89,117           | 3/4 | 104,129          | 3/4           | 119,126            | 3/4             | 134,118            | 3/4             | 148,497            |
| 11     | 14,389            | 11       | 29,401           | 11              | 44,397           | 11  | 59,406           | 11         | 74,418           | 11              | 89,430           | 11  | 104,442          | 11            | 119,439            | 11              | 134,431            | 11              | 148,744            |
| 1/4    | 14,702            | 1/4      | 29,713           | 1/4             | 44,710           | 1/4 | 59,719           | 1/4        | 74,731           | 1/4             | 89,743           | 1/4 | 104,755          | 1/4           | 119,751            | 1/4             | 134,743            | 1/4             | 148,975            |
| 1/4    | 15,015            | 1/2      | 30,026           | 1/4             | 45,022           | 1/4 | 60,032           | 1/4        | 75,044           | 1/4             | 90,055           | 1/4 | 105,067          | 1/4           | 120,063            | 1/4             | 135,055            | 1/4             | 149,206            |
| 3/4    | 15,327            | 3/4      | 30,339           | 3/4             | 45,335           | 3/4 | 60,344           | 3/4        | 75,356           | 3/4             | 90,368           | 3/4 | 105,067          | 3/4           | 120,065            | 3/4             | 135,368            | 3/4             | 149,437            |
| 3/4    | 10,321            | 3/4      | 55,555           | J/4             | 40,000           | 3/4 | 00,077           | 3/4        | 7 0,000          | 3/4             | 30,300           | 3/4 | 100,000          | 3/4           |                    |                 | ART FOR THE AR     |                 |                    |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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# 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/4"

| 149,668   | CAPACI | TIES GIVEN IN WHO | DLE GALL | ONS     |               |         |     |         |     |         |     |                 |          |                 | GAUGE HEIGHT | 15'-11 1/4" |
|---|--------|-------------------|----------|---------|---------------|---------|-----|---------|-----|---------|-----|-----------------|----------|-----------------|--------------|-------------|
| Mathematics   Mathematics | IN     | 10 FT.            | IN       | 11 FT.  | IN            | 12 FT.  | IN  | 13 FT.  | IN  | 14 FT.  | IN  | <b>15 FT.</b> ℕ | 16 FT. N | <b>17 FT.</b> ℕ | 18 FT. ℕ     | 19 FT.      |
| 149, 149, 149, 149, 149, 149, 149, 149,   | 0      | 149.668           | 0        | 160.046 | 0             | 170.403 | 0   | 180.730 | 0   | 191.043 | 0   | 0               | 0        | 0               | 0            |             |
| 150,107   150,107   160,478   10   170,833   10   181,160   10   191,429   10   10   10   10   10   10   10   1   | 1/4    |                   | 1/4      | 160.262 | 1/4           | 170,618 | 1/4 |         | 1/4 | 191,236 | 1/4 | 1/4             | 1/4      | 1/4             | 1/4          |             |
| 150, 256  |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 1   |        |                   | -        |         |               |         |     |         |     | ,       |     |                 |          |                 |              |             |
| 150,752   | _      |                   |          |         |               |         | _   |         | _   |         | _   |                 |          |                 |              |             |
| 150,076   | -      |                   | -        |         | -             |         | +   |         | _   | ,       |     |                 |          |                 | ·            |             |
| 151,194   |        |                   | -        |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 151,410   |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 151,626   10  | _      |                   |          | •       |               |         | _   |         |     |         | _   |                 |          |                 |              |             |
| 15.84   | _      |                   | -        |         | -             |         | -   |         |     |         |     |                 |          |                 |              |             |
| 152,057   |        |                   |          |         |               |         |     |         |     | ,       |     |                 |          |                 |              |             |
| 152,273   3   |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 152,489   |        |                   |          |         | _             |         | _   |         | _   |         |     |                 |          |                 |              |             |
| 152,705   | _      |                   | -        |         | -             |         | -   |         | -   |         |     |                 |          |                 |              |             |
| 34         152,921         34         163,265         34         173,630         34         183,957         34         34         34         34         34         34         34         34         34         34         34         34         34            |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 153,137   |        |                   |          |         |               |         | _   |         |     |         |     |                 |          |                 |              |             |
| 153,353   |        |                   | _        |         | _             | •       | _   |         | _   |         |     |                 |          |                 |              |             |
| 153,569   | 4      |                   | 4        |         | 4             |         | 4   |         | 4   |         | 4   | 4               | 4        | 4               | 4            |             |
| 153,785   34  | 1/4    |                   | 1/4      |         | 1/4           |         | 1/4 |         | 1/4 |         | 1/4 | 1/4             | 1/4      | 1/4             | 1/4          |             |
| 154,001   | 1/2    |                   | 1/2      |         | 1/2           |         | 1/2 |         | 1/2 |         | 1/2 | 1/2             | 1/2      | 1/2             | 1/2          |             |
| 154,217   | 3/4    | 153,785           | 3/4      | 164,149 | 3/4           | 174,490 | 3/4 | 184,818 | 3/4 |         |     | 3/4             | 3/4      | 3/4             | 3/4          |             |
| 154,432   | 5      | 154,001           | 5        | 164,365 | 5             | 174,706 | 5   | 185,033 | 5   |         | 5   | 5               | 5        | 5               | 5            |             |
| 154,648   34  | 1/4    | 154,217           | 1/4      | 164,580 | 1/4           | 174,921 | 1/4 | 185,248 | 1/4 |         | 1/4 | 1/4             | 1/4      | 1/4             | 1/4          |             |
| 154,648   34  | 1/2    | 154,432           | 1/2      | 164,796 | 1/2           | 175,136 | 1/2 | 185,463 | 1/2 |         | 1/2 | 1/2             | 1/2      | 1/2             | 1/2          |             |
| 1/4         155,080         1/4         165,444         1/4         175,781         1/4         186,109         1/4   | 3/4    | 154,648           | 3/4      | 165,012 | 3/4           |         | 3/4 | 185,679 | 3/4 |         | 3/4 | 3/4             | 3/4      | 3/4             | 3/4          |             |
| 1/4         155,080         1/4         165,444         1/4         175,781         1/4         186,109         1/4   | 6      | 154,864           | 6        | 165,228 | 6             | 175,566 | 6   | 185,894 | 6   |         | 6   | 6               | 6        | 6               | 6            |             |
| 112         155,296         1/2         165,660         1/2         175,997         1/2         186,324         1/2   | 1/4    | 155,080           | 1/4      | 165,444 | 1/4           | 175,781 | 1/4 |         | 1/4 |         | 1/4 | 1/4             | 1/4      | 1/4             | 1/4          |             |
| 34  |        |                   |          | 165,660 |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 7         155,728         7         166,092         7         176,427         7         186,754         7         14         156,650         14         167,637  |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 114 155,944 114 166,308 114 176,642 114 186,970 114 114 114 114 114 114 114 114 114 11  |        |                   |          |         |               | •       | _   |         |     |         |     |                 |          |                 |              |             |
| 112         156,160         1/2         166,524         1/2         176,857         1/2         187,185         1/2   | _      |                   | -        |         | $\overline{}$ |         | -   |         | -   |         |     |                 |          |                 |              |             |
| 34  |        |                   |          |         |               |         | _   |         |     |         |     |                 |          |                 |              |             |
| 8       156,592       8       166,956       8       177,288       8       187,615       8       9       14  |        |                   |          |         |               |         | _   |         |     |         |     |                 |          |                 |              |             |
| 1/4       156,807       1/4       167,171       1/4       177,503       1/4       187,830       1/4<  |        |                   |          |         |               | •       | _   |         | _   |         |     |                 |          |                 |              |             |
| 1/2       157,023       1/2       167,387       1/2       177,718       1/2       188,046       1/2<  | _      |                   | $\vdash$ |         | -             |         | -   |         | -   |         |     |                 |          |                 |              |             |
| 3/4         157,239         3/4         167,603         3/4         177,933         3/4         188,261         3/4   |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 9   |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 1/4       157,671       1/4       168,035       1/4       178,363       1/4       188,691       1/4<  |        |                   | -        |         |               |         | _   |         |     |         |     |                 |          |                 |              |             |
| 1/2     157,887     1/2     168,250     1/2     178,578     1/2     188,907     1/2 <td></td> <td></td> <td><math>\vdash</math></td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   |        |                   | $\vdash$ |         | -             |         | -   |         | -   |         |     |                 |          |                 |              |             |
| 3/4       158,103       3/4       168,466       3/4       178,794       3/4       189,122       3/4<  |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 10       158,319       10       168,681       10       179,009       10       189,337       10       <  |        |                   |          |         |               |         | _   |         |     |         |     |                 |          |                 |              |             |
| 1/4     158,535     1/4     168,896     1/4     179,224     1/4     189,552     1/4 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td>   |        |                   |          |         |               |         | _   |         |     |         |     |                 |          |                 |              | 1           |
| 1/2     158,751     1/2     169,112     1/2     179,439     1/2     189,767     1/2 <td>_</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  | _      |                   | -        |         | -             |         | -   |         | -   |         |     |                 |          |                 |              |             |
| 3/4     158,967     3/4     169,327     3/4     179,654     3/4     189,982     3/4     3/4     3/4     3/4     3/4     3/4     3/4       11     159,183     11     169,542     11     179,869     11     190,197     11     11     11     11     11     11     11     11     11     11     11     11     11     11     14     1/4  |        |                   |          |         |               |         |     |         |     |         |     |                 |          |                 |              |             |
| 11     159,183     11     169,542     11     179,869     11     190,197     11   |        |                   |          |         |               |         |     |         | _   |         |     |                 |          |                 |              |             |
| 1/4 159,398 1/4 169,757 1/4 180,085 1/4 190,408 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4   | _      |                   |          | •       |               |         | _   |         |     |         |     |                 |          |                 |              |             |
|   | 11     |                   | 11       |         | 11            |         | 11  |         | 11  |         | 11  | 11              | 11       | 11              | 11           |             |
| 12 159.614 12 169.972 12 180.300 12 190.620 12 12 12 12 12 12   | 1/4    | 159,398           | 1/4      | 169,757 | 1/4           | 180,085 | 1/4 | 190,408 | 1/4 |         | 1/4 | 1/4             | 1/4      | 1/4             | 1/4          |             |
|   | 1/2    | 159,614           | 1/2      | 169,972 | 1/2           | 180,300 | 1/2 | 190,620 | 1/2 |         | 1/2 | 1/2             | 1/2      | 1/2             | 1/2          |             |
| 3/4 159,830 3/4 170,187 3/4 180,515 3/4 190,831 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4 3/4   | 3/4    | 159,830           | 3/4      | 170,187 | 3/4           | 180,515 | 3/4 | 190,831 | 3/4 |         | 3/4 | 3/4             | 3/4      | 3/4             | 3/4          |             |

STRAPPED: 08/01/2013 CL CALCULATED: 08/01/2013 CL PRINTED: 08/01/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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### FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-06"

| CAPAC | ITIES GIVEN IN WHO | OLE GALL | ONS   |          |       |     |       |     |              |         |         |         | GAUGE HEIG | HT 4'-06"     |
|-------|--------------------|----------|-------|----------|-------|-----|-------|-----|--------------|---------|---------|---------|------------|---------------|
| IN    | 0 FT.              | IN       | 1 FT. | IN       | 2 FT. | IN  | 3 FT. | IN  | <b>4 FT.</b> | 5 FT. N | 6 FT. N | 7 FT. N | 8 FT. N    | 9 FT.         |
| 0     | 0                  | 0        | 101   | 0        | 259   | 0   | 416   | 0   | 517 0        | 0       | 0       | 0       | 0          |               |
| 1/4   | 1                  | 1/4      | 104   | 1/4      | 262   | 1/4 | 419   | 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        |               |
| 3/4   | 2                  | 3/4      | 110   | 3/4      | 269   | 3/4 | 425   | 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          |               |
| 1/4   | 4                  | 1/4      | 116   | 1/4      | 276   | 1/4 | 430   | 1/4 | 1/4          | 1/4     | 1/4     | 1/4     | 1/4        |               |
| 1/2   | 5                  | 1/2      | 119   | 1/4      | 279   | 1/2 | 433   | 1/2 | 1/4          | 1/4     | 1/4     | 1/4     | 1/4        |               |
| 3/4   | 6                  | 3/4      | 122   | 3/4      | 282   | 3/4 | 436   | 3/4 | 3/4          | 3/4     | 3/4     | 3/4     | 3/4        |               |
| 2     | 7                  | 2        | 125   | 2        | 286   | 2   | 439   | 2   | 2            | 3/4     | 3/4     | 3/4     | 3/4        |               |
| _     |                    | $\vdash$ |       | $\vdash$ |       | -   |       |     | _            | +       |         | · -     |            |               |
| 1/4   | 9                  | 1/4      | 129   | 1/4      | 289   | 1/4 | 442   | 1/4 | 1/4          | 1/4     | 1/4     | 1/4     | 1/4        |               |
| 1/2   | 10                 | 1/2      | 132   | 1/2      | 293   | 1/2 | 444   | 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        | <b> </b>      |
| 3     | 13                 | 3        | 138   | 3        | 300   | 3   | 450   | 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        |               |
| 1/2   | 17                 | 1/2      | 144   | 1/2      | 306   | 1/2 | 455   | 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        |               |
| 4     | 21                 | 4        | 151   | 4        | 313   | 4   | 460   | 4   | 4            | 4       | 4       | 4       | 4          |               |
| 1/4   | 23                 | 1/4      | 154   | 1/4      | 316   | 1/4 | 463   | 1/4 | 1/4          | 1/4     | 1/4     | 1/4     | 1/4        |               |
| 1/2   | 25                 | 1/2      | 157   | 1/2      | 320   | 1/2 | 465   | 1/2 | 1/2          | 1/2     | 1/2     | 1/2     | 1/2        |               |
| 3/4   | 27                 | 3/4      | 161   | 3/4      | 323   | 3/4 | 468   | 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          |               |
| 1/4   | 31                 | 1/4      | 167   | 1/4      | 330   | 1/4 | 473   | 1/4 | 1/4          | 1/4     | 1/4     | 1/4     | 1/4        |               |
| 1/2   | 33                 | 1/2      | 170   | 1/2      | 333   | 1/2 | 475   | 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        |               |
| 6     | 37                 | 6        | 177   | 6        | 340   | 6   | 480   | 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        |               |
| 1/2   | 42                 | 1/2      | 184   | 1/2      | 347   | 1/2 | 484   | 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        |               |
| 7     | 47                 | 7        | 190   | 7        | 353   | 7   | 488   | 7   | 7            | 7       | 7       | 7       | 7          |               |
| _     |                    | -        |       | -        | 356   |     | 490   |     |              | + —     | · —     |         |            |               |
| 1/4   | 49                 | 1/4      | 194   | 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 | 492   | 1/2 | 1/2          | 1/2     | 1/2     | 1/2     | 1/2        |               |
| 3/4   | 54                 | 3/4      | 201   | 3/4      | 363   | 3/4 | 494   | 3/4 | 3/4          | 3/4     | 3/4     | 3/4     | 3/4        | <b> </b>      |
| 8     | 57                 | 8        | 204   | 8        | 366   | 8   | 496   | 8   | 8            | 8       | 8       | 8       | 8          | 1             |
| 1/4   | 59                 | 1/4      | 207   | 1/4      | 369   | 1/4 | 498   | 1/4 | 1/4          | 1/4     | 1/4     | 1/4     | 1/4        | -             |
| 1/2   | 62                 | 1/2      | 211   | 1/2      | 373   | 1/2 | 500   | 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        |               |
| 9     | 67                 | 9        | 217   | 9        | 379   | 9   | 504   | 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        |               |
| 1/2   | 73                 | 1/2      | 224   | 1/2      | 385   | 1/2 | 507   | 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        |               |
| 10    | 78                 | 10       | 231   | 10       | 392   | 10  | 510   | 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        | <u> </u>      |
| 1/2   | 84                 | 1/2      | 238   | 1/2      | 398   | 1/2 | 512   | 1/2 | 1/2          | 1/2     | 1/2     | 1/2     | 1/2        |               |
| 3/4   | 87                 | 3/4      | 241   | 3/4      | 401   | 3/4 | 513   | 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         |               |
| 1/4   | 92                 | 1/4      | 248   | 1/4      | 407   | 1/4 | 515   | 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 | 1/4          | 1/4     | 1/4     | 1/4     | 1/4        |               |
| 3/4   | 98                 | 3/4      | 255   | 3/4      | 413   | 3/4 | 516   | 3/4 | 3/4          | 3/4     | 3/4     | 3/4     | 3/4        |               |
| 3/4   | 30                 | 3/4      | 233   | 3/4      | 413   | 3/4 | 310   | 3/4 | 3/4          | 3/4     | 3/4     |         |            | ANAED TANK ON |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER PIPE.

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PRECISION MEASUREMENT & ANALYSIS, INC. P.O. Box 2092

Pearland, Texas 77588 http://www.pmacorp.net

The frame



### PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01"

| APACI    | TIES GIVEN IN WHO | OLE GALLO | ONS   |     |       |     |       |     |       |     |         |         |              | GAUGE HEIG                                       | וט-ס וה  |
|----------|-------------------|-----------|-------|-----|-------|-----|-------|-----|-------|-----|---------|---------|--------------|--|--|
| IN       | 0 FT.             | IN        | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT. | IN  | 5 FT. N | 6 FT. N | <b>7 FT.</b> | 8 FT. ℕ  | 9 FT.  |
| 0        | 97                | 0         | 1,254 | 0   | 2,412 | 0   | 3,569 | 0   | 4,727 | 0   | 0       | 0       | 0            | 0  |  |
| 1/4      | 121               | 1/4       | 1,279 | 1/4 | 2,436 | 1/4 | 3,593 | 1/4 | 4,751 | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  |  |
| /2       | 145               | 1/2       | 1,303 | 1/2 | 2,460 | 1/2 | 3,618 | 1/2 | 4,775 | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| /4       | 169               | 3/4       | 1,327 | 3/4 | 2,484 | 3/4 | 3,642 | 3/4 | 4,799 | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |
| 1        | 193               | 1         | 1,351 | 1   | 2,508 | 1   | 3,666 | 1   | 4,822 | 1   | 1       | 1       | 1            | 1  |  |
| /4       | 217               | 1/4       | 1,375 | 1/4 | 2,532 | 1/4 | 3,690 | 1/4 | 4,846 | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  |  |
| /2       | 241               | 1/2       | 1,399 | 1/2 | 2,556 | 1/2 | 3,714 | 1/2 | 4,870 | 1/2 | 1/2     | 1/2     | 1/2          | 1/4  |  |
| /4       | 265               | 3/4       | 1,423 | 3/4 | 2,580 | 3/4 | 3,738 | 3/4 | 4,894 | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |
| 2        | 290               | 2         | 1,447 | 2   | 2,604 | 2   | 3,762 | 2   | 4,918 | 2   | 2       | 2       | 2            | 2  |  |
| 4        | 314               | 1/4       | 1,472 | 1/4 | 2,628 | -   | 3,786 | 1/4 | 4,941 | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  | ł  |
| _        | 338               |           | 1,472 |     | 2,653 | 1/4 | 3,811 | _   | 4,965 | _   |         |         |              |  |  |
| 2        | 362               | 1/2       | 1,520 | 1/2 | 2,677 | 1/2 | 3,835 | 1/2 | 4,989 | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| 4        |                   | 3/4       | ,     | 3/4 |       | 3/4 | •     | 3/4 |       | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |
| <u> </u> | 386               | 3         | 1,544 | 3   | 2,701 | 3   | 3,859 | 3   | 5,012 | 3   | 3       | 3       | 3            | 3  | <del> </del>                                     |
| 4        | 410               | 1/4       | 1,568 | 1/4 | 2,725 | 1/4 | 3,883 | 1/4 | 5,036 | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  | +  |
| 2        | 434               | 1/2       | 1,592 | 1/2 | 2,749 | 1/2 | 3,907 | 1/2 | 5,060 | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| 4        | 458               | 3/4       | 1,616 | 3/4 | 2,773 | 3/4 | 3,931 | 3/4 | 5,083 | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |
| Ц        | 483               | 4         | 1,640 | 4   | 2,797 | 4   | 3,955 | 4   | 5,107 | 4   | 4       | 4       | 4            | 4  | <b>/</b>   |
| 4        | 507               | 1/4       | 1,665 | 1/4 | 2,821 | 1/4 | 3,979 | 1/4 | 5,119 | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  |  |
| 2        | 531               | 1/2       | 1,689 | 1/2 | 2,845 | 1/2 | 4,004 | 1/2 | 5,130 | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| 4        | 555               | 3/4       | 1,713 | 3/4 | 2,870 | 3/4 | 4,028 | 3/4 | 5,142 | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |
|          | 579               | 5         | 1,737 | 5   | 2,894 | 5   | 4,052 | 5   | 5,154 | 5   | 5       | 5       | 5            | 5  | i  |
| 1        | 603               | 1/4       | 1,761 | 1/4 | 2,918 | 1/4 | 4,076 | 1/4 | =     | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  |  |
| 2        | 627               | 1/2       | 1,785 | 1/2 | 2,942 | 1/2 | 4,100 | 1/2 |       | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| 1        | 651               | 3/4       | 1,809 | 3/4 | 2,966 | 3/4 | 4,124 | 3/4 |       | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |
| ;        | 676               | 6         | 1,833 | 6   | 2,990 | 6   | 4,148 | 6   |       | 6   | 6       | 6       | 6            | 6  |  |
| 4        | 700               | 1/4       | 1,858 | 1/4 | 3,014 | 1/4 | 4,173 | 1/4 |       | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  |  |
| 2        | 724               | 1/2       | 1,882 | 1/2 | 3,039 | 1/2 | 4,197 | 1/2 |       | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| 4        | 748               | 3/4       | 1,906 | 3/4 | 3,063 | 3/4 | 4,221 | 3/4 |       | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |
| Ť        | 772               | 7         | 1,930 | 7   | 3,087 | 7   | 4,245 | 7   |       | 7   | 7       | 7       | 7            | 7  | 1  |
| 4        | 796               | 1/4       | 1,954 | 1/4 | 3,111 | 1/4 | 4,269 | 1/4 |       | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  | <u> </u>   |
| 2        | 820               | 1/2       | 1,978 | 1/2 | 3,135 | 1/2 | 4,293 | 1/2 |       | 1/4 | 1/4     | 1/2     | 1/4          | 1/4  |  |
| 4        | 844               | 3/4       | 2,002 | 3/4 | 3,159 | 3/4 | 4,317 | 3/4 |       | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |
| 4        | 869               | 8         | 2,026 | 8   | 3,183 | 8   | 4,341 | 8   |       | 8   | 8       | 8       | 8            | 3/4  | 1  |
| _        |                   | -         | •     | -   | •     | -   | •     | -   |       | -   |         |         |              | <del>                                     </del> | <del>                                     </del> |
| 1        | 893               | 1/4       | 2,051 | 1/4 | 3,207 | 1/4 | 4,366 | 1/4 |       | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  |  |
| 2        | 917               | 1/2       | 2,075 | 1/2 | 3,232 | 1/2 | 4,390 | 1/2 |       | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| 4        | 941               | 3/4       | 2,099 | 3/4 | 3,256 | 3/4 | 4,414 | 3/4 |       | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  | <del>                                     </del> |
|          | 965               | 9         | 2,123 | 9   | 3,280 | 9   | 4,438 | 9   |       | 9   | 9       | 9       | 9            | 9  | <del> </del>                                     |
| 1        | 989               | 1/4       | 2,147 | 1/4 | 3,304 | 1/4 | 4,462 | 1/4 |       | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  | +  |
| 2        | 1,013             | 1/2       | 2,171 | 1/2 | 3,328 | 1/2 | 4,486 | 1/2 |       | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  | <del> </del>                                     |
| 1        | 1,038             | 3/4       | 2,195 | 3/4 | 3,352 | 3/4 | 4,510 | 3/4 |       | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  | <b>k</b>   |
| Ц        | 1,062             | 10        | 2,219 | 10  | 3,376 | 10  | 4,534 | 10  |       | 10  | 10      | 10      | 10           | 10   | ļ  |
| l l      | 1,086             | 1/4       | 2,244 | 1/4 | 3,400 | 1/4 | 4,559 | 1/4 |       | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  | 1  |
| 2        | 1,110             | 1/2       | 2,268 | 1/2 | 3,425 | 1/2 | 4,583 | 1/2 |       | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| 1        | 1,134             | 3/4       | 2,292 | 3/4 | 3,449 | 3/4 | 4,607 | 3/4 |       | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  | 1  |
| П        | 1,158             | 11        | 2,316 | 11  | 3,473 | 11  | 4,631 | 11  |       | 11  | 11      | 11      | 11           | 11   | 1  |
| 4        | 1,182             | 1/4       | 2,340 | 1/4 | 3,497 | 1/4 | 4,655 | 1/4 |       | 1/4 | 1/4     | 1/4     | 1/4          | 1/4  |  |
| 2        | 1,206             | 1/2       | 2,364 | 1/2 | 3,521 | 1/2 | 4,679 | 1/2 |       | 1/2 | 1/2     | 1/2     | 1/2          | 1/2  |  |
| 4        | 1,230             | 3/4       | 2,388 | 3/4 | 3,545 | 3/4 | 4,703 | 3/4 |       | 3/4 | 3/4     | 3/4     | 3/4          | 3/4  |  |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

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Pearland, Texas 77588 http://www.pmacorp.net

The frame



### STBD SLOP

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-00 3/4"

| CAPACI   | TIES GIVEN IN WHO | DLE GALL | ONS   |     |       |     |       |     |       |            |       |              |       | GAUGE HEIGH | Г 6'-00 3/4"   |
|----------|-------------------|----------|-------|-----|-------|-----|-------|-----|-------|------------|-------|--------------|-------|-------------|----------------|
| IN       | 0 FT.             | IN       | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT. | IN         | 5 FT. | 6 FT. N      | 7 FT. | 8 FT. N     | 9 FT.          |
| 0        | 97                | 0        | 1,254 | 0   | 2,412 | 0   | 3,569 | 0   | 4,727 | 0          | 0     | 0            | 0     | 0           |                |
| 1/4      | 121               | 1/4      | 1,279 | 1/4 | 2,436 | 1/4 | 3,593 | 1/4 | 4,751 | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         |                |
| 1/2      | 145               | 1/2      | 1,303 | 1/2 | 2,460 | 1/2 | 3,618 | 1/2 | 4,775 | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 169               | 3/4      | 1,327 | 3/4 | 2,484 | 3/4 | 3,642 | 3/4 | 4,799 | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         |                |
| 1        | 193               | 1        | 1,351 | 1   | 2,508 | 1   | 3,666 | 1   | 4,822 | 1          | 1     | 1            | 1     | 1           |                |
| 1/4      | 217               | 1/4      | 1,375 | 1/4 | 2,532 | 1/4 | 3,690 | 1/4 | 4,846 | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         | 1              |
| 1/2      | 241               | 1/2      | 1,399 | 1/2 | 2,556 | 1/2 | 3,714 | 1/2 | 4,870 | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 265               | 3/4      | 1,423 | 3/4 | 2,580 | 3/4 | 3,738 | 3/4 | 4,894 | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         |                |
| 2        | 290               | 2        | 1,447 | 2   | 2,604 | 2   | 3,762 | 2   | 4,918 | 2          | 2     | 2            | 2     | 2           |                |
| 1/4      | 314               | 1/4      | 1,472 | 1/4 | 2,628 | 1/4 | 3,786 | 1/4 | 4,941 | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         | 1              |
| 1/4      | 338               | 1/4      | 1,472 | 1/4 | 2,653 | 1/4 | 3,811 | 1/4 | 4,965 |            | 1/4   |              | 1/4   | 1/4         |                |
|          | 362               | 3/4      | 1,520 | 3/4 | 2,677 |     | 3,835 | 3/4 | 4,989 | 1/2<br>3/4 | 3/4   | 1/2          | 3/4   | 3/4         |                |
| 3/4      | 386               | 3/4      | 1,544 | 3/4 |       | 3/4 | 3,859 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         | 1              |
| -        |                   | -        |       | -   | 2,701 | -   |       | -   | 5,012 | $\vdash$   |       |              |       |             | 1              |
| 1/4      | 410               | 1/4      | 1,568 | 1/4 | 2,725 | 1/4 | 3,883 | 1/4 | 5,036 | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         |                |
| 1/2      | 434               | 1/2      | 1,592 | 1/2 | 2,749 | 1/2 | 3,907 | 1/2 | 5,060 | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         | 1              |
| 3/4      | 458               | 3/4      | 1,616 | 3/4 | 2,773 | 3/4 | 3,931 | 3/4 | 5,083 | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         |                |
| 4        | 483               | 4        | 1,640 | 4   | 2,797 | 4   | 3,955 | 4   | 5,107 | 4          | 4     | 4            | 4     | 4           | 1              |
| 1/4      | 507               | 1/4      | 1,665 | 1/4 | 2,821 | 1/4 | 3,979 | 1/4 | 5,119 | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         |                |
| 1/2      | 531               | 1/2      | 1,689 | 1/2 | 2,845 | 1/2 | 4,004 | 1/2 | 5,130 | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 555               | 3/4      | 1,713 | 3/4 | 2,870 | 3/4 | 4,028 | 3/4 | 5,142 | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         |                |
| 5        | 579               | 5        | 1,737 | 5   | 2,894 | 5   | 4,052 | 5   | 5,154 | 5          | 5     | 5            | 5     | 5           | 1              |
| 1/4      | 603               | 1/4      | 1,761 | 1/4 | 2,918 | 1/4 | 4,076 | 1/4 |       | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         |                |
| 1/2      | 627               | 1/2      | 1,785 | 1/2 | 2,942 | 1/2 | 4,100 | 1/2 |       | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 651               | 3/4      | 1,809 | 3/4 | 2,966 | 3/4 | 4,124 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         |                |
| 6        | 676               | 6        | 1,833 | 6   | 2,990 | 6   | 4,148 | 6   |       | 6          | 6     | 6            | 6     | 6           |                |
| 1/4      | 700               | 1/4      | 1,858 | 1/4 | 3,014 | 1/4 | 4,173 | 1/4 |       | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         |                |
| 1/2      | 724               | 1/2      | 1,882 | 1/2 | 3,039 | 1/2 | 4,197 | 1/2 |       | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 748               | 3/4      | 1,906 | 3/4 | 3,063 | 3/4 | 4,221 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         |                |
| 7        | 772               | 7        | 1,930 | 7   | 3,087 | 7   | 4,245 | 7   |       | 7          | 7     | 7            | 7     | 7           |                |
| 1/4      | 796               | 1/4      | 1,954 | 1/4 | 3,111 | 1/4 | 4,269 | 1/4 |       | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         |                |
| 1/2      | 820               | 1/2      | 1,978 | 1/2 | 3,135 | 1/2 | 4,293 | 1/2 |       | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 844               | 3/4      | 2,002 | 3/4 | 3,159 | 3/4 | 4,317 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         |                |
| 8        | 869               | 8        | 2,026 | 8   | 3,183 | 8   | 4,341 | 8   |       | 8          | 8     | 8            | 8     | 8           |                |
| 1/4      | 893               | 1/4      | 2,051 | 1/4 | 3,207 | 1/4 | 4,366 | 1/4 |       | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         |                |
| 1/2      | 917               | 1/2      | 2,075 | 1/2 | 3,232 | 1/2 | 4,390 | 1/2 |       | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 941               | 3/4      | 2,099 | 3/4 | 3,256 | 3/4 | 4,414 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         |                |
| 9        | 965               | 9        | 2,123 | 9   | 3,280 | 9   | 4,438 | 9   |       | 9          | 9     | 9            | 9     | 9           |                |
| 1/4      | 989               | 1/4      | 2,147 | 1/4 | 3,304 | 1/4 | 4,462 | 1/4 |       | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         |                |
| 1/2      | 1,013             | 1/2      | 2,171 | 1/2 | 3,328 | 1/2 | 4,486 | 1/2 |       | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 1,038             | 3/4      | 2,195 | 3/4 | 3,352 | 3/4 | 4,510 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         | <del> </del>   |
| 10       | 1,062             | 10       | 2,219 | 10  | 3,376 | 10  | 4,534 | 10  |       | 10         | 10    | 10           | 10    | 10          |                |
| 1/4      | 1,086             | 1/4      | 2,244 | 1/4 | 3,400 | 1/4 | 4,559 | 1/4 |       | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         | <del> </del>   |
| 1/4      | 1,110             | 1/4      | 2,268 | 1/2 | 3,425 | 1/4 | 4,583 | 1/4 |       | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         | <del> </del>   |
| 3/4      | 1,110             | 3/4      | 2,292 | 3/4 | 3,449 | 3/4 | 4,607 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         | -              |
| 11       | 1,158             | 11       | 2,292 | 11  | 3,473 | 11  | 4,631 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         | <del> </del>   |
| $\vdash$ |                   | -        |       |     |       | -   |       | -   |       | $\vdash$   |       | <del>-</del> |       |             | 1              |
| 1/4      | 1,182             | 1/4      | 2,340 | 1/4 | 3,497 | 1/4 | 4,655 | 1/4 |       | 1/4        | 1/4   | 1/4          | 1/4   | 1/4         | -              |
| 1/2      | 1,206             | 1/2      | 2,364 | 1/2 | 3,521 | 1/2 | 4,679 | 1/2 |       | 1/2        | 1/2   | 1/2          | 1/2   | 1/2         |                |
| 3/4      | 1,230             | 3/4      | 2,388 | 3/4 | 3,545 | 3/4 | 4,703 | 3/4 |       | 3/4        | 3/4   | 3/4          | 3/4   | 3/4         | AMED TANK ONLY |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

STRAPPED: 08/01/2013 CL CALCULATED: 08/01/2013 CL PRINTED: 08/01/2013 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 08/2013 CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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The James