



BARGE "MPC 1011"

INNAGE TRIM TABLE

| | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | |
|----------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 CENTER | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 |
| 2 CENTER | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-5/8 | - 00-5/8 | 00-3/4 | - 00-3/4 | 00-7/8 | - 00-7/8 |
| 3 CENTER | 00-1/8 | - 00-1/8 | 00-3/8 | - 00-3/8 | 00-1/2 | - 00-1/2 | 00-5/8 | - 00-5/8 | 00-7/8 | - 00-7/8 | 01-0/8 | - 01-0/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 162'-09"

January 19, 2015

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "MPC 1011"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN WHOLE GALLONS

GAUGE HEIGHT 4'-10 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 | 0 | 0 | 351 | 0 | 702 | 0 | 1,052 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 7 | 1/4 | 358 | 1/4 | 709 | 1/4 | 1,060 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 15 | 1/2 | 365 | 1/2 | 716 | 1/2 | 1,067 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 22 | 3/4 | 373 | 3/4 | 724 | 3/4 | 1,074 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 29 | 1 | 380 | 1 | 731 | 1 | 1,082 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 37 | 1/4 | 387 | 1/4 | 738 | 1/4 | 1,089 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 44 | 1/2 | 395 | 1/2 | 745 | 1/2 | 1,096 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 51 | 3/4 | 402 | 3/4 | 753 | 3/4 | 1,104 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 58 | 2 | 409 | 2 | 760 | 2 | 1,111 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 66 | 1/4 | 417 | 1/4 | 767 | 1/4 | 1,118 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 73 | 1/2 | 424 | 1/2 | 775 | 1/2 | 1,126 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 80 | 3/4 | 431 | 3/4 | 782 | 3/4 | 1,133 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 88 | 3 | 439 | 3 | 789 | 3 | 1,140 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 95 | 1/4 | 446 | 1/4 | 797 | 1/4 | 1,147 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 102 | 1/2 | 453 | 1/2 | 804 | 1/2 | 1,155 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 110 | 3/4 | 460 | 3/4 | 811 | 3/4 | 1,162 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 117 | 4 | 468 | 4 | 819 | 4 | 1,169 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 124 | 1/4 | 475 | 1/4 | 826 | 1/4 | 1,177 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 132 | 1/2 | 482 | 1/2 | 833 | 1/2 | 1,184 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 139 | 3/4 | 490 | 3/4 | 841 | 3/4 | 1,191 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 146 | 5 | 497 | 5 | 848 | 5 | 1,199 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 153 | 1/4 | 504 | 1/4 | 855 | 1/4 | 1,206 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 161 | 1/2 | 512 | 1/2 | 862 | 1/2 | 1,213 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 168 | 3/4 | 519 | 3/4 | 870 | 3/4 | 1,221 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 175 | 6 | 526 | 6 | 877 | 6 | 1,228 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 183 | 1/4 | 534 | 1/4 | 884 | 1/4 | 1,235 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 190 | 1/2 | 541 | 1/2 | 892 | 1/2 | 1,242 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 197 | 3/4 | 548 | 3/4 | 899 | 3/4 | 1,250 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 205 | 7 | 555 | 7 | 906 | 7 | 1,257 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 212 | 1/4 | 563 | 1/4 | 914 | 1/4 | 1,264 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 219 | 1/2 | 570 | 1/2 | 921 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 227 | 3/4 | 577 | 3/4 | 928 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 234 | 8 | 585 | 8 | 936 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 241 | 1/4 | 592 | 1/4 | 943 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 248 | 1/2 | 599 | 1/2 | 950 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 256 | 3/4 | 607 | 3/4 | 957 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 263 | 9 | 614 | 9 | 965 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 270 | 1/4 | 621 | 1/4 | 972 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 278 | 1/2 | 629 | 1/2 | 979 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 285 | 3/4 | 636 | 3/4 | 987 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 292 | 10 | 643 | 10 | 994 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 300 | 1/4 | 650 | 1/4 | 1,001 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 307 | 1/2 | 658 | 1/2 | 1,009 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 314 | 3/4 | 665 | 3/4 | 1,016 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 322 | 11 | 672 | 11 | 1,023 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 329 | 1/4 | 680 | 1/4 | 1,031 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 336 | 1/2 | 687 | 1/2 | 1,038 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 344 | 3/4 | 694 | 3/4 | 1,045 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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 TOP OF 2" MMC CLOSED GAUGING VALVE

STRAPPED: 01/19/2015 CL
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CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2015

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "MPC 1011"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN WHOLE GALLONS

GAUGE HEIGHT 3'-10"

| 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 | 0 | 0 | 85 | 0 | 213 | 0 | 328 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1 | 1/4 | 87 | 1/4 | 215 | 1/4 | 330 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1 | 1/2 | 90 | 1/2 | 218 | 1/2 | 332 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2 | 3/4 | 92 | 3/4 | 221 | 3/4 | 334 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2 | 1 | 95 | 1 | 223 | 1 | 336 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3 | 1/4 | 97 | 1/4 | 226 | 1/4 | 337 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 4 | 1/2 | 100 | 1/2 | 229 | 1/2 | 339 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5 | 3/4 | 102 | 3/4 | 231 | 3/4 | 341 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 6 | 2 | 105 | 2 | 234 | 2 | 342 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 8 | 1/4 | 108 | 1/4 | 237 | 1/4 | 344 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 9 | 1/2 | 110 | 1/2 | 239 | 1/2 | 345 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 10 | 3/4 | 113 | 3/4 | 242 | 3/4 | 347 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 11 | 3 | 115 | 3 | 244 | 3 | 348 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 13 | 1/4 | 118 | 1/4 | 247 | 1/4 | 350 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 14 | 1/2 | 121 | 1/2 | 250 | 1/2 | 351 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 16 | 3/4 | 123 | 3/4 | 252 | 3/4 | 352 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 17 | 4 | 126 | 4 | 255 | 4 | 354 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 19 | 1/4 | 129 | 1/4 | 257 | 1/4 | 355 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 21 | 1/2 | 131 | 1/2 | 260 | 1/2 | 356 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 22 | 3/4 | 134 | 3/4 | 262 | 3/4 | 357 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 24 | 5 | 137 | 5 | 265 | 5 | 358 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 26 | 1/4 | 139 | 1/4 | 268 | 1/4 | 358 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 28 | 1/2 | 142 | 1/2 | 270 | 1/2 | 359 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 30 | 3/4 | 145 | 3/4 | 273 | 3/4 | 359 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 32 | 6 | 147 | 6 | 275 | 6 | 360 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 34 | 1/4 | 150 | 1/4 | 277 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 35 | 1/2 | 153 | 1/2 | 280 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 37 | 3/4 | 155 | 3/4 | 282 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 39 | 7 | 158 | 7 | 285 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 42 | 1/4 | 161 | 1/4 | 287 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 44 | 1/2 | 164 | 1/2 | 289 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 46 | 3/4 | 166 | 3/4 | 292 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 48 | 8 | 169 | 8 | 294 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 50 | 1/4 | 172 | 1/4 | 296 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 52 | 1/2 | 174 | 1/2 | 299 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 54 | 3/4 | 177 | 3/4 | 301 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 57 | 9 | 180 | 9 | 303 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 59 | 1/4 | 183 | 1/4 | 306 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 61 | 1/2 | 185 | 1/2 | 308 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 63 | 3/4 | 188 | 3/4 | 310 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 66 | 10 | 191 | 10 | 312 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 68 | 1/4 | 194 | 1/4 | 314 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 70 | 1/2 | 196 | 1/2 | 316 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 73 | 3/4 | 199 | 3/4 | 318 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 75 | 11 | 202 | 11 | 320 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 78 | 1/4 | 204 | 1/4 | 322 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 80 | 1/2 | 207 | 1/2 | 324 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 82 | 3/4 | 210 | 3/4 | 326 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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 TOP OF 10" HATCH

STRAPPED: 01/19/2015 CL
CALCULATED: 01/19/2015 CL
PRINTED: 01/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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BARGE "MPC 1011"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 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 | 2.54 | 0 | 235.02 | 0 | 495.65 | 0 | 755.81 | 0 | 1,016.08 | 0 | 1,275.82 | 0 | 1,536.47 | 0 | 1,797.11 | 0 | 2,057.76 | 0 | 2,318.40 |
| 1/4 | 4.35 | 1/4 | 240.45 | 1/4 | 501.08 | 1/4 | 761.22 | 1/4 | 1,021.44 | 1/4 | 1,281.25 | 1/4 | 1,541.90 | 1/4 | 1,802.54 | 1/4 | 2,063.19 | 1/4 | 2,323.83 |
| 1/2 | 6.16 | 1/2 | 245.88 | 1/2 | 506.51 | 1/2 | 766.63 | 1/2 | 1,026.81 | 1/2 | 1,286.68 | 1/2 | 1,547.33 | 1/2 | 1,807.97 | 1/2 | 2,068.62 | 1/2 | 2,329.26 |
| 3/4 | 7.97 | 3/4 | 251.31 | 3/4 | 511.94 | 3/4 | 772.04 | 3/4 | 1,032.17 | 3/4 | 1,292.11 | 3/4 | 1,552.76 | 3/4 | 1,813.40 | 3/4 | 2,074.05 | 3/4 | 2,334.69 |
| 1 | 9.78 | 1 | 256.74 | 1 | 517.37 | 1 | 777.45 | 1 | 1,037.54 | 1 | 1,297.54 | 1 | 1,558.19 | 1 | 1,818.83 | 1 | 2,079.48 | 1 | 2,340.12 |
| 1/4 | 13.39 | 1/4 | 262.17 | 1/4 | 522.80 | 1/4 | 782.86 | 1/4 | 1,042.91 | 1/4 | 1,302.97 | 1/4 | 1,563.62 | 1/4 | 1,824.26 | 1/4 | 2,084.91 | 1/4 | 2,345.55 |
| 1/2 | 17.01 | 1/2 | 267.60 | 1/2 | 528.23 | 1/2 | 788.27 | 1/2 | 1,048.27 | 1/2 | 1,308.40 | 1/2 | 1,569.05 | 1/2 | 1,829.69 | 1/2 | 2,090.34 | 1/2 | 2,350.98 |
| 3/4 | 20.63 | 3/4 | 273.03 | 3/4 | 533.66 | 3/4 | 793.69 | 3/4 | 1,053.64 | 3/4 | 1,313.83 | 3/4 | 1,574.48 | 3/4 | 1,835.12 | 3/4 | 2,095.77 | 3/4 | 2,356.41 |
| 2 | 24.24 | 2 | 278.46 | 2 | 539.09 | 2 | 799.10 | 2 | 1,059.00 | 2 | 1,319.26 | 2 | 1,579.91 | 2 | 1,840.55 | 2 | 2,101.20 | 2 | 2,361.84 |
| 1/4 | 29.16 | 1/4 | 283.89 | 1/4 | 544.52 | 1/4 | 804.51 | 1/4 | 1,064.37 | 1/4 | 1,324.69 | 1/4 | 1,585.34 | 1/4 | 1,845.98 | 1/4 | 2,106.63 | 1/4 | 2,367.27 |
| 1/2 | 34.08 | 1/2 | 289.32 | 1/2 | 549.95 | 1/2 | 809.92 | 1/2 | 1,069.73 | 1/2 | 1,330.12 | 1/2 | 1,590.77 | 1/2 | 1,851.41 | 1/2 | 2,112.06 | 1/2 | 2,372.70 |
| 3/4 | 38.99 | 3/4 | 294.75 | 3/4 | 555.38 | 3/4 | 815.34 | 3/4 | 1,075.10 | 3/4 | 1,335.55 | 3/4 | 1,596.20 | 3/4 | 1,856.84 | 3/4 | 2,117.49 | 3/4 | 2,378.13 |
| 3 | 43.91 | 3 | 300.18 | 3 | 560.81 | 3 | 820.75 | 3 | 1,080.47 | 3 | 1,340.98 | 3 | 1,601.63 | 3 | 1,862.27 | 3 | 2,122.92 | 3 | 2,383.56 |
| 1/4 | 49.04 | 1/4 | 305.60 | 1/4 | 566.24 | 1/4 | 826.17 | 1/4 | 1,085.86 | 1/4 | 1,346.41 | 1/4 | 1,607.06 | 1/4 | 1,867.70 | 1/4 | 2,128.35 | 1/4 | 2,388.99 |
| 1/2 | 54.17 | 1/2 | 311.03 | 1/2 | 571.67 | 1/2 | 831.60 | 1/2 | 1,091.26 | 1/2 | 1,351.84 | 1/2 | 1,612.49 | 1/2 | 1,873.13 | 1/2 | 2,133.78 | 1/2 | 2,394.42 |
| 3/4 | 59.29 | 3/4 | 316.46 | 3/4 | 577.10 | 3/4 | 837.02 | 3/4 | 1,096.66 | 3/4 | 1,357.27 | 3/4 | 1,617.92 | 3/4 | 1,878.56 | 3/4 | 2,139.21 | 3/4 | 2,399.85 |
| 4 | 64.42 | 4 | 321.89 | 4 | 582.53 | 4 | 842.44 | 4 | 1,102.06 | 4 | 1,362.70 | 4 | 1,623.35 | 4 | 1,883.99 | 4 | 2,144.64 | 4 | 2,405.28 |
| 1/4 | 69.37 | 1/4 | 327.32 | 1/4 | 587.96 | 1/4 | 847.87 | 1/4 | 1,107.49 | 1/4 | 1,368.13 | 1/4 | 1,628.78 | 1/4 | 1,889.42 | 1/4 | 2,150.07 | 1/4 | 2,410.71 |
| 1/2 | 74.32 | 1/2 | 332.75 | 1/2 | 593.39 | 1/2 | 853.30 | 1/2 | 1,112.92 | 1/2 | 1,373.56 | 1/2 | 1,634.21 | 1/2 | 1,894.85 | 1/2 | 2,155.50 | 1/2 | 2,416.14 |
| 3/4 | 79.27 | 3/4 | 338.18 | 3/4 | 598.82 | 3/4 | 858.73 | 3/4 | 1,118.35 | 3/4 | 1,378.99 | 3/4 | 1,639.64 | 3/4 | 1,900.28 | 3/4 | 2,160.93 | 3/4 | 2,421.57 |
| 5 | 84.22 | 5 | 343.61 | 5 | 604.25 | 5 | 864.16 | 5 | 1,123.78 | 5 | 1,384.42 | 5 | 1,645.07 | 5 | 1,905.71 | 5 | 2,166.36 | 5 | 2,427.00 |
| 1/4 | 89.40 | 1/4 | 349.04 | 1/4 | 609.67 | 1/4 | 869.59 | 1/4 | 1,129.21 | 1/4 | 1,389.85 | 1/4 | 1,650.50 | 1/4 | 1,911.14 | 1/4 | 2,171.79 | 1/4 | 2,432.43 |
| 1/2 | 94.58 | 1/2 | 354.47 | 1/2 | 615.09 | 1/2 | 875.02 | 1/2 | 1,134.64 | 1/2 | 1,395.28 | 1/2 | 1,655.93 | 1/2 | 1,916.57 | 1/2 | 2,177.22 | 1/2 | 2,437.86 |
| 3/4 | 99.76 | 3/4 | 359.90 | 3/4 | 620.52 | 3/4 | 880.45 | 3/4 | 1,140.07 | 3/4 | 1,400.71 | 3/4 | 1,661.36 | 3/4 | 1,922.00 | 3/4 | 2,182.65 | 3/4 | 2,443.29 |
| 6 | 104.94 | 6 | 365.33 | 6 | 625.94 | 6 | 885.88 | 6 | 1,145.50 | 6 | 1,406.14 | 6 | 1,666.79 | 6 | 1,927.43 | 6 | 2,188.08 | 6 | 2,448.72 |
| 1/4 | 110.34 | 1/4 | 370.76 | 1/4 | 631.35 | 1/4 | 891.31 | 1/4 | 1,150.93 | 1/4 | 1,411.57 | 1/4 | 1,672.22 | 1/4 | 1,932.86 | 1/4 | 2,193.51 | 1/4 | 2,454.15 |
| 1/2 | 115.74 | 1/2 | 376.19 | 1/2 | 636.77 | 1/2 | 896.74 | 1/2 | 1,156.36 | 1/2 | 1,417.00 | 1/2 | 1,677.65 | 1/2 | 1,938.29 | 1/2 | 2,198.94 | 1/2 | 2,459.58 |
| 3/4 | 121.14 | 3/4 | 381.62 | 3/4 | 642.18 | 3/4 | 902.17 | 3/4 | 1,161.79 | 3/4 | 1,422.43 | 3/4 | 1,683.08 | 3/4 | 1,943.72 | 3/4 | 2,204.37 | 3/4 | 2,465.01 |
| 7 | 126.54 | 7 | 387.05 | 7 | 647.59 | 7 | 907.60 | 7 | 1,167.22 | 7 | 1,427.86 | 7 | 1,688.51 | 7 | 1,949.15 | 7 | 2,209.80 | 7 | 2,470.44 |
| 1/4 | 131.95 | 1/4 | 392.48 | 1/4 | 653.00 | 1/4 | 913.03 | 1/4 | 1,172.65 | 1/4 | 1,433.29 | 1/4 | 1,693.94 | 1/4 | 1,954.58 | 1/4 | 2,215.23 | 1/4 | 2,475.87 |
| 1/2 | 137.36 | 1/2 | 397.91 | 1/2 | 658.42 | 1/2 | 918.46 | 1/2 | 1,178.08 | 1/2 | 1,438.72 | 1/2 | 1,699.37 | 1/2 | 1,960.01 | 1/2 | 2,220.66 | 1/2 | 2,481.30 |
| 3/4 | 142.77 | 3/4 | 403.34 | 3/4 | 663.83 | 3/4 | 923.89 | 3/4 | 1,183.51 | 3/4 | 1,444.15 | 3/4 | 1,704.80 | 3/4 | 1,965.44 | 3/4 | 2,226.09 | 3/4 | 2,486.73 |
| 8 | 148.18 | 8 | 408.77 | 8 | 669.24 | 8 | 929.32 | 8 | 1,188.94 | 8 | 1,449.58 | 8 | 1,710.23 | 8 | 1,970.87 | 8 | 2,231.52 | 8 | 2,492.16 |
| 1/4 | 153.60 | 1/4 | 414.20 | 1/4 | 674.65 | 1/4 | 934.75 | 1/4 | 1,194.37 | 1/4 | 1,455.01 | 1/4 | 1,715.66 | 1/4 | 1,976.30 | 1/4 | 2,236.95 | 1/4 | 2,497.59 |
| 1/2 | 159.02 | 1/2 | 419.63 | 1/2 | 680.06 | 1/2 | 940.18 | 1/2 | 1,199.80 | 1/2 | 1,460.44 | 1/2 | 1,721.09 | 1/2 | 1,981.73 | 1/2 | 2,242.38 | 1/2 | 2,503.02 |
| 3/4 | 164.44 | 3/4 | 425.06 | 3/4 | 685.47 | 3/4 | 945.61 | 3/4 | 1,205.23 | 3/4 | 1,465.87 | 3/4 | 1,726.52 | 3/4 | 1,987.16 | 3/4 | 2,247.81 | 3/4 | 2,508.45 |
| 9 | 169.86 | 9 | 430.49 | 9 | 690.88 | 9 | 951.04 | 9 | 1,210.66 | 9 | 1,471.30 | 9 | 1,731.95 | 9 | 1,992.59 | 9 | 2,253.24 | 9 | 2,513.88 |
| 1/4 | 175.29 | 1/4 | 435.92 | 1/4 | 696.29 | 1/4 | 956.47 | 1/4 | 1,216.09 | 1/4 | 1,476.73 | 1/4 | 1,737.38 | 1/4 | 1,998.02 | 1/4 | 2,258.67 | 1/4 | 2,519.31 |
| 1/2 | 180.72 | 1/2 | 441.35 | 1/2 | 701.70 | 1/2 | 961.90 | 1/2 | 1,221.52 | 1/2 | 1,482.16 | 1/2 | 1,742.81 | 1/2 | 2,003.45 | 1/2 | 2,264.10 | 1/2 | 2,524.74 |
| 3/4 | 186.15 | 3/4 | 446.78 | 3/4 | 707.11 | 3/4 | 967.33 | 3/4 | 1,226.95 | 3/4 | 1,487.59 | 3/4 | 1,748.24 | 3/4 | 2,008.88 | 3/4 | 2,269.53 | 3/4 | 2,530.17 |
| 10 | 191.58 | 10 | 452.21 | 10 | 712.52 | 10 | 972.76 | 10 | 1,232.38 | 10 | 1,493.03 | 10 | 1,753.67 | 10 | 2,014.31 | 10 | 2,274.96 | 10 | 2,535.60 |
| 1/4 | 197.01 | 1/4 | 457.64 | 1/4 | 717.93 | 1/4 | 978.19 | 1/4 | 1,237.81 | 1/4 | 1,498.46 | 1/4 | 1,759.10 | 1/4 | 2,019.74 | 1/4 | 2,280.39 | 1/4 | 2,541.03 |
| 1/2 | 202.44 | 1/2 | 463.07 | 1/2 | 723.35 | 1/2 | 983.62 | 1/2 | 1,243.24 | 1/2 | 1,503.89 | 1/2 | 1,764.53 | 1/2 | 2,025.17 | 1/2 | 2,285.82 | 1/2 | 2,546.46 |
| 3/4 | 207.87 | 3/4 | 468.50 | 3/4 | 728.76 | 3/4 | 989.05 | 3/4 | 1,248.67 | 3/4 | 1,509.32 | 3/4 | 1,769.96 | 3/4 | 2,030.60 | 3/4 | 2,291.25 | 3/4 | 2,551.89 |
| 11 | 213.30 | 11 | 473.93 | 11 | 734.17 | 11 | 994.48 | 11 | 1,254.10 | 11 | 1,514.75 | 11 | 1,775.39 | 11 | 2,036.04 | 11 | 2,296.68 | 11 | 2,557.32 |
| 1/4 | 218.73 | 1/4 | 479.36 | 1/4 | 739.58 | 1/4 | 999.88 | 1/4 | 1,259.53 | 1/4 | 1,520.18 | 1/4 | 1,780.82 | 1/4 | 2,041.47 | 1/4 | 2,302.11 | 1/4 | 2,562.75 |
| 1/2 | 224.16 | 1/2 | 484.79 | 1/2 | 744.99 | 1/2 | 1,005.28 | 1/2 | 1,264.96 | 1/2 | 1,525.61 | 1/2 | 1,786.25 | 1/2 | 2,046.90 | 1/2 | 2,307.54 | 1/2 | 2,568.18 |
| 3/4 | 229.59 | 3/4 | 490.22 | 3/4 | 750.40 | 3/4 | 1,010.68 | 3/4 | 1,270.39 | 3/4 | 1,531.04 | 3/4 | 1,791.68 | 3/4 | 2,052.33 | 3/4 | 2,312.97 | 3/4 | 2,573.61 |

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 TOP OF 2" MMC CLOSED GAUGING VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MPC 1011"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,579.05 | 0 | 2,839.30 | 0 | 3,099.22 | 0 | 3,358.92 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,584.48 | 1/4 | 2,844.72 | 1/4 | 3,104.64 | 1/4 | 3,364.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,589.91 | 1/2 | 2,850.13 | 1/2 | 3,110.05 | 1/2 | 3,369.52 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,595.34 | 3/4 | 2,855.55 | 3/4 | 3,115.47 | 3/4 | 3,374.82 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2,600.77 | 1 | 2,860.96 | 1 | 3,120.88 | 1 | 3,380.12 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 2,606.20 | 1/4 | 2,866.38 | 1/4 | 3,126.30 | 1/4 | 3,385.40 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,611.63 | 1/2 | 2,871.79 | 1/2 | 3,131.71 | 1/2 | 3,390.69 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,617.06 | 3/4 | 2,877.21 | 3/4 | 3,137.13 | 3/4 | 3,395.97 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 2,622.49 | 2 | 2,882.62 | 2 | 3,142.54 | 2 | 3,401.26 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 2,627.92 | 1/4 | 2,888.04 | 1/4 | 3,147.96 | 1/4 | 3,406.42 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,633.35 | 1/2 | 2,893.45 | 1/2 | 3,153.37 | 1/2 | 3,411.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,638.78 | 3/4 | 2,898.87 | 3/4 | 3,158.79 | 3/4 | 3,416.74 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 2,644.21 | 3 | 2,904.28 | 3 | 3,164.20 | 3 | 3,421.90 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 2,649.64 | 1/4 | 2,909.70 | 1/4 | 3,169.62 | 1/4 | 3,426.17 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,655.07 | 1/2 | 2,915.11 | 1/2 | 3,175.03 | 1/2 | 3,430.44 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,660.50 | 3/4 | 2,920.53 | 3/4 | 3,180.45 | 3/4 | 3,434.71 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 2,665.93 | 4 | 2,925.94 | 4 | 3,185.86 | 4 | 3,438.98 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 2,671.36 | 1/4 | 2,931.36 | 1/4 | 3,191.28 | 1/4 | 3,441.56 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,676.79 | 1/2 | 2,936.77 | 1/2 | 3,196.69 | 1/2 | 3,444.15 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,682.22 | 3/4 | 2,942.19 | 3/4 | 3,202.11 | 3/4 | 3,446.74 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 2,687.65 | 5 | 2,947.60 | 5 | 3,207.52 | 5 | 3,449.32 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 2,693.07 | 1/4 | 2,953.02 | 1/4 | 3,212.94 | 1/4 | 3,450.39 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,698.50 | 1/2 | 2,958.43 | 1/2 | 3,218.35 | 1/2 | 3,451.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,703.92 | 3/4 | 2,963.85 | 3/4 | 3,223.77 | 3/4 | 3,452.52 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 2,709.34 | 6 | 2,969.26 | 6 | 3,229.18 | 6 | 3,453.59 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 2,714.76 | 1/4 | 2,974.68 | 1/4 | 3,234.60 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,720.17 | 1/2 | 2,980.09 | 1/2 | 3,240.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,725.59 | 3/4 | 2,985.51 | 3/4 | 3,245.43 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,731.00 | 7 | 2,990.92 | 7 | 3,250.84 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 2,736.42 | 1/4 | 2,996.34 | 1/4 | 3,256.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,741.83 | 1/2 | 3,001.75 | 1/2 | 3,261.67 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,747.25 | 3/4 | 3,007.17 | 3/4 | 3,267.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,752.66 | 8 | 3,012.58 | 8 | 3,272.50 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 2,758.08 | 1/4 | 3,018.00 | 1/4 | 3,277.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,763.49 | 1/2 | 3,023.41 | 1/2 | 3,283.33 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,768.91 | 3/4 | 3,028.83 | 3/4 | 3,288.75 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,774.32 | 9 | 3,034.24 | 9 | 3,294.16 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 2,779.74 | 1/4 | 3,039.66 | 1/4 | 3,299.58 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,785.15 | 1/2 | 3,045.07 | 1/2 | 3,304.99 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,790.57 | 3/4 | 3,050.49 | 3/4 | 3,310.41 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,795.98 | 10 | 3,055.90 | 10 | 3,315.82 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 2,801.40 | 1/4 | 3,061.32 | 1/4 | 3,321.24 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,806.81 | 1/2 | 3,066.73 | 1/2 | 3,326.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,812.23 | 3/4 | 3,072.15 | 3/4 | 3,332.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,817.64 | 11 | 3,077.56 | 11 | 3,337.48 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 2,823.06 | 1/4 | 3,082.98 | 1/4 | 3,342.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,828.47 | 1/2 | 3,088.39 | 1/2 | 3,348.20 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,833.89 | 3/4 | 3,093.81 | 3/4 | 3,353.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/19/2015 CL
CALCULATED: 01/19/2015 CL
PRINTED: 01/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "MPC 1011"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-08 3/4"

| 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 | 2.55 | 0 | 236.99 | 0 | 499.78 | 0 | 758.64 | 0 | 1,019.21 | 0 | 1,281.11 | 0 | 1,543.91 | 0 | 1,806.72 | 0 | 2,069.52 | 0 | 2,332.33 |
| 1/4 | 4.38 | 1/4 | 242.46 | 1/4 | 505.26 | 1/4 | 763.97 | 1/4 | 1,024.62 | 1/4 | 1,286.58 | 1/4 | 1,549.39 | 1/4 | 1,812.19 | 1/4 | 2,075.00 | 1/4 | 2,337.80 |
| 1/2 | 6.20 | 1/2 | 247.94 | 1/2 | 510.73 | 1/2 | 769.29 | 1/2 | 1,030.03 | 1/2 | 1,292.06 | 1/2 | 1,554.86 | 1/2 | 1,817.67 | 1/2 | 2,080.47 | 1/2 | 2,343.28 |
| 3/4 | 8.03 | 3/4 | 253.41 | 3/4 | 516.21 | 3/4 | 774.61 | 3/4 | 1,035.44 | 3/4 | 1,297.54 | 3/4 | 1,560.34 | 3/4 | 1,823.14 | 3/4 | 2,085.95 | 3/4 | 2,348.75 |
| 1 | 9.85 | 1 | 258.89 | 1 | 521.68 | 1 | 779.93 | 1 | 1,040.85 | 1 | 1,303.01 | 1 | 1,565.81 | 1 | 1,828.62 | 1 | 2,091.42 | 1 | 2,354.23 |
| 1/4 | 13.50 | 1/4 | 264.36 | 1/4 | 527.16 | 1/4 | 785.26 | 1/4 | 1,046.26 | 1/4 | 1,308.49 | 1/4 | 1,571.29 | 1/4 | 1,834.09 | 1/4 | 2,096.90 | 1/4 | 2,359.70 |
| 1/2 | 17.15 | 1/2 | 269.84 | 1/2 | 532.63 | 1/2 | 790.58 | 1/2 | 1,051.67 | 1/2 | 1,313.96 | 1/2 | 1,576.77 | 1/2 | 1,839.57 | 1/2 | 2,102.37 | 1/2 | 2,365.18 |
| 3/4 | 20.79 | 3/4 | 275.31 | 3/4 | 538.11 | 3/4 | 795.90 | 3/4 | 1,057.08 | 3/4 | 1,319.44 | 3/4 | 1,582.24 | 3/4 | 1,845.05 | 3/4 | 2,107.85 | 3/4 | 2,370.65 |
| 2 | 24.44 | 2 | 280.79 | 2 | 543.58 | 2 | 801.22 | 2 | 1,062.49 | 2 | 1,324.91 | 2 | 1,587.72 | 2 | 1,850.52 | 2 | 2,113.32 | 2 | 2,376.13 |
| 1/4 | 29.40 | 1/4 | 286.26 | 1/4 | 549.06 | 1/4 | 806.55 | 1/4 | 1,067.90 | 1/4 | 1,330.39 | 1/4 | 1,593.19 | 1/4 | 1,856.00 | 1/4 | 2,118.80 | 1/4 | 2,381.60 |
| 1/2 | 34.35 | 1/2 | 291.74 | 1/2 | 554.53 | 1/2 | 811.87 | 1/2 | 1,073.31 | 1/2 | 1,335.86 | 1/2 | 1,598.67 | 1/2 | 1,861.47 | 1/2 | 2,124.28 | 1/2 | 2,387.08 |
| 3/4 | 39.31 | 3/4 | 297.21 | 3/4 | 560.01 | 3/4 | 817.20 | 3/4 | 1,078.72 | 3/4 | 1,341.34 | 3/4 | 1,604.14 | 3/4 | 1,866.95 | 3/4 | 2,129.75 | 3/4 | 2,392.56 |
| 3 | 44.27 | 3 | 302.69 | 3 | 565.48 | 3 | 822.52 | 3 | 1,084.14 | 3 | 1,346.81 | 3 | 1,609.62 | 3 | 1,872.42 | 3 | 2,135.23 | 3 | 2,398.03 |
| 1/4 | 49.44 | 1/4 | 308.16 | 1/4 | 570.96 | 1/4 | 827.93 | 1/4 | 1,089.58 | 1/4 | 1,352.29 | 1/4 | 1,615.09 | 1/4 | 1,877.90 | 1/4 | 2,140.70 | 1/4 | 2,403.51 |
| 1/2 | 54.61 | 1/2 | 313.64 | 1/2 | 576.43 | 1/2 | 833.33 | 1/2 | 1,095.02 | 1/2 | 1,357.76 | 1/2 | 1,620.57 | 1/2 | 1,883.37 | 1/2 | 2,146.18 | 1/2 | 2,408.98 |
| 3/4 | 59.78 | 3/4 | 319.11 | 3/4 | 581.91 | 3/4 | 838.73 | 3/4 | 1,100.46 | 3/4 | 1,363.24 | 3/4 | 1,626.04 | 3/4 | 1,888.85 | 3/4 | 2,151.65 | 3/4 | 2,414.46 |
| 4 | 64.96 | 4 | 324.59 | 4 | 587.38 | 4 | 844.13 | 4 | 1,105.91 | 4 | 1,368.71 | 4 | 1,631.52 | 4 | 1,894.32 | 4 | 2,157.13 | 4 | 2,419.93 |
| 1/4 | 69.95 | 1/4 | 330.06 | 1/4 | 592.86 | 1/4 | 849.61 | 1/4 | 1,111.38 | 1/4 | 1,374.19 | 1/4 | 1,636.99 | 1/4 | 1,899.80 | 1/4 | 2,162.60 | 1/4 | 2,425.41 |
| 1/2 | 74.95 | 1/2 | 335.54 | 1/2 | 598.33 | 1/2 | 855.08 | 1/2 | 1,116.86 | 1/2 | 1,379.66 | 1/2 | 1,642.47 | 1/2 | 1,905.27 | 1/2 | 2,168.08 | 1/2 | 2,430.88 |
| 3/4 | 79.94 | 3/4 | 341.01 | 3/4 | 603.81 | 3/4 | 860.56 | 3/4 | 1,122.33 | 3/4 | 1,385.14 | 3/4 | 1,647.94 | 3/4 | 1,910.75 | 3/4 | 2,173.55 | 3/4 | 2,436.36 |
| 5 | 84.94 | 5 | 346.48 | 5 | 609.28 | 5 | 866.03 | 5 | 1,127.81 | 5 | 1,390.61 | 5 | 1,653.42 | 5 | 1,916.22 | 5 | 2,179.03 | 5 | 2,441.83 |
| 1/4 | 90.16 | 1/4 | 351.96 | 1/4 | 614.68 | 1/4 | 871.51 | 1/4 | 1,133.28 | 1/4 | 1,396.09 | 1/4 | 1,658.89 | 1/4 | 1,921.70 | 1/4 | 2,184.50 | 1/4 | 2,447.31 |
| 1/2 | 95.39 | 1/2 | 357.43 | 1/2 | 620.08 | 1/2 | 876.98 | 1/2 | 1,138.76 | 1/2 | 1,401.56 | 1/2 | 1,664.37 | 1/2 | 1,927.17 | 1/2 | 2,189.98 | 1/2 | 2,452.78 |
| 3/4 | 100.61 | 3/4 | 362.91 | 3/4 | 625.48 | 3/4 | 882.46 | 3/4 | 1,144.23 | 3/4 | 1,407.04 | 3/4 | 1,669.84 | 3/4 | 1,932.65 | 3/4 | 2,195.45 | 3/4 | 2,458.26 |
| 6 | 105.83 | 6 | 368.38 | 6 | 630.89 | 6 | 887.93 | 6 | 1,149.71 | 6 | 1,412.51 | 6 | 1,675.32 | 6 | 1,938.12 | 6 | 2,200.93 | 6 | 2,463.73 |
| 1/4 | 111.28 | 1/4 | 373.86 | 1/4 | 636.21 | 1/4 | 893.41 | 1/4 | 1,155.18 | 1/4 | 1,417.99 | 1/4 | 1,680.79 | 1/4 | 1,943.60 | 1/4 | 2,206.40 | 1/4 | 2,469.21 |
| 1/2 | 116.73 | 1/2 | 379.33 | 1/2 | 641.54 | 1/2 | 898.88 | 1/2 | 1,160.66 | 1/2 | 1,423.46 | 1/2 | 1,686.27 | 1/2 | 1,949.07 | 1/2 | 2,211.88 | 1/2 | 2,474.68 |
| 3/4 | 122.17 | 3/4 | 384.81 | 3/4 | 646.86 | 3/4 | 904.36 | 3/4 | 1,166.13 | 3/4 | 1,428.94 | 3/4 | 1,691.74 | 3/4 | 1,954.55 | 3/4 | 2,217.35 | 3/4 | 2,480.16 |
| 7 | 127.62 | 7 | 390.28 | 7 | 652.19 | 7 | 909.83 | 7 | 1,171.61 | 7 | 1,434.41 | 7 | 1,697.22 | 7 | 1,960.02 | 7 | 2,222.83 | 7 | 2,485.63 |
| 1/4 | 133.07 | 1/4 | 395.76 | 1/4 | 657.51 | 1/4 | 915.31 | 1/4 | 1,177.08 | 1/4 | 1,439.89 | 1/4 | 1,702.69 | 1/4 | 1,965.50 | 1/4 | 2,228.30 | 1/4 | 2,491.11 |
| 1/2 | 138.52 | 1/2 | 401.23 | 1/2 | 662.83 | 1/2 | 920.78 | 1/2 | 1,182.56 | 1/2 | 1,445.36 | 1/2 | 1,708.17 | 1/2 | 1,970.97 | 1/2 | 2,233.78 | 1/2 | 2,496.58 |
| 3/4 | 143.97 | 3/4 | 406.71 | 3/4 | 668.15 | 3/4 | 926.26 | 3/4 | 1,188.03 | 3/4 | 1,450.84 | 3/4 | 1,713.64 | 3/4 | 1,976.45 | 3/4 | 2,239.25 | 3/4 | 2,502.06 |
| 8 | 149.43 | 8 | 412.18 | 8 | 673.48 | 8 | 931.73 | 8 | 1,193.51 | 8 | 1,456.31 | 8 | 1,719.12 | 8 | 1,981.92 | 8 | 2,244.73 | 8 | 2,507.53 |
| 1/4 | 154.89 | 1/4 | 417.66 | 1/4 | 678.80 | 1/4 | 937.21 | 1/4 | 1,198.98 | 1/4 | 1,461.79 | 1/4 | 1,724.59 | 1/4 | 1,987.40 | 1/4 | 2,250.20 | 1/4 | 2,513.01 |
| 1/2 | 160.36 | 1/2 | 423.13 | 1/2 | 684.12 | 1/2 | 942.68 | 1/2 | 1,204.46 | 1/2 | 1,467.26 | 1/2 | 1,730.07 | 1/2 | 1,992.87 | 1/2 | 2,255.68 | 1/2 | 2,518.48 |
| 3/4 | 165.82 | 3/4 | 428.61 | 3/4 | 689.45 | 3/4 | 948.16 | 3/4 | 1,209.93 | 3/4 | 1,472.74 | 3/4 | 1,735.54 | 3/4 | 1,998.35 | 3/4 | 2,261.15 | 3/4 | 2,523.96 |
| 9 | 171.29 | 9 | 434.08 | 9 | 694.77 | 9 | 953.63 | 9 | 1,215.41 | 9 | 1,478.21 | 9 | 1,741.02 | 9 | 2,003.82 | 9 | 2,266.63 | 9 | 2,529.43 |
| 1/4 | 176.76 | 1/4 | 439.56 | 1/4 | 700.09 | 1/4 | 959.11 | 1/4 | 1,220.88 | 1/4 | 1,483.69 | 1/4 | 1,746.49 | 1/4 | 2,009.30 | 1/4 | 2,272.10 | 1/4 | 2,534.91 |
| 1/2 | 182.24 | 1/2 | 445.03 | 1/2 | 705.41 | 1/2 | 964.58 | 1/2 | 1,226.36 | 1/2 | 1,489.16 | 1/2 | 1,751.97 | 1/2 | 2,014.77 | 1/2 | 2,277.58 | 1/2 | 2,540.38 |
| 3/4 | 187.71 | 3/4 | 450.51 | 3/4 | 710.74 | 3/4 | 970.06 | 3/4 | 1,231.83 | 3/4 | 1,494.64 | 3/4 | 1,757.44 | 3/4 | 2,020.25 | 3/4 | 2,283.05 | 3/4 | 2,545.86 |
| 10 | 193.19 | 10 | 455.98 | 10 | 716.06 | 10 | 975.53 | 10 | 1,237.31 | 10 | 1,500.11 | 10 | 1,762.92 | 10 | 2,025.72 | 10 | 2,288.53 | 10 | 2,551.33 |
| 1/4 | 198.66 | 1/4 | 461.46 | 1/4 | 721.38 | 1/4 | 981.01 | 1/4 | 1,242.78 | 1/4 | 1,505.59 | 1/4 | 1,768.39 | 1/4 | 2,031.20 | 1/4 | 2,294.00 | 1/4 | 2,556.81 |
| 1/2 | 204.14 | 1/2 | 466.93 | 1/2 | 726.71 | 1/2 | 986.48 | 1/2 | 1,248.26 | 1/2 | 1,511.06 | 1/2 | 1,773.87 | 1/2 | 2,036.67 | 1/2 | 2,299.48 | 1/2 | 2,562.28 |
| 3/4 | 209.61 | 3/4 | 472.41 | 3/4 | 732.03 | 3/4 | 991.96 | 3/4 | 1,253.73 | 3/4 | 1,516.54 | 3/4 | 1,779.34 | 3/4 | 2,042.15 | 3/4 | 2,304.95 | 3/4 | 2,567.76 |
| 11 | 215.09 | 11 | 477.88 | 11 | 737.35 | 11 | 997.43 | 11 | 1,259.21 | 11 | 1,522.01 | 11 | 1,784.82 | 11 | 2,047.62 | 11 | 2,310.43 | 11 | 2,573.23 |
| 1/4 | 220.56 | 1/4 | 483.36 | 1/4 | 742.67 | 1/4 | 1,002.88 | 1/4 | 1,264.68 | 1/4 | 1,527.49 | 1/4 | 1,790.29 | 1/4 | 2,053.10 | 1/4 | 2,315.90 | 1/4 | 2,578.71 |
| 1/2 | 226.04 | 1/2 | 488.83 | 1/2 | 748.00 | 1/2 | 1,008.32 | 1/2 | 1,270.16 | 1/2 | 1,532.96 | 1/2 | 1,795.77 | 1/2 | 2,058.57 | 1/2 | 2,321.38 | 1/2 | 2,584.18 |
| 3/4 | 231.51 | 3/4 | 494.31 | 3/4 | 753.32 | 3/4 | 1,013.76 | 3/4 | 1,275.63 | 3/4 | 1,538.44 | 3/4 | 1,801.24 | 3/4 | 2,064.05 | 3/4 | 2,326.85 | 3/4 | 2,589.66 |

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 TOP OF 2" MMC CLOSED GAUGING VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

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



BARGE "MPC 1011"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-08 3/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,595.13 | 0 | 2,857.55 | 0 | 3,119.63 | 0 | 3,381.49 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,600.61 | 1/4 | 2,863.01 | 1/4 | 3,125.09 | 1/4 | 3,386.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,606.08 | 1/2 | 2,868.47 | 1/2 | 3,130.55 | 1/2 | 3,392.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,611.56 | 3/4 | 2,873.93 | 3/4 | 3,136.01 | 3/4 | 3,397.53 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2,617.03 | 1 | 2,879.39 | 1 | 3,141.47 | 1 | 3,402.87 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 2,622.51 | 1/4 | 2,884.85 | 1/4 | 3,146.93 | 1/4 | 3,408.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,627.98 | 1/2 | 2,890.31 | 1/2 | 3,152.39 | 1/2 | 3,413.54 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,633.46 | 3/4 | 2,895.77 | 3/4 | 3,157.85 | 3/4 | 3,418.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 2,638.93 | 2 | 2,901.23 | 2 | 3,163.31 | 2 | 3,424.20 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 2,644.41 | 1/4 | 2,906.69 | 1/4 | 3,168.77 | 1/4 | 3,429.41 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,649.88 | 1/2 | 2,912.15 | 1/2 | 3,174.23 | 1/2 | 3,434.61 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,655.36 | 3/4 | 2,917.61 | 3/4 | 3,179.69 | 3/4 | 3,439.82 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 2,660.83 | 3 | 2,923.07 | 3 | 3,185.15 | 3 | 3,445.02 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 2,666.31 | 1/4 | 2,928.53 | 1/4 | 3,190.61 | 1/4 | 3,449.33 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,671.79 | 1/2 | 2,933.99 | 1/2 | 3,196.07 | 1/2 | 3,453.63 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,677.26 | 3/4 | 2,939.45 | 3/4 | 3,201.53 | 3/4 | 3,457.94 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 2,682.74 | 4 | 2,944.91 | 4 | 3,206.99 | 4 | 3,462.24 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 2,688.21 | 1/4 | 2,950.37 | 1/4 | 3,212.45 | 1/4 | 3,466.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,693.69 | 1/2 | 2,955.83 | 1/2 | 3,217.91 | 1/2 | 3,467.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,699.16 | 3/4 | 2,961.29 | 3/4 | 3,223.37 | 3/4 | 3,470.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 2,704.64 | 5 | 2,966.75 | 5 | 3,228.83 | 5 | 3,472.68 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 2,710.11 | 1/4 | 2,972.21 | 1/4 | 3,234.29 | 1/4 | 3,473.75 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,715.57 | 1/2 | 2,977.67 | 1/2 | 3,239.75 | 1/2 | 3,474.83 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,721.04 | 3/4 | 2,983.13 | 3/4 | 3,245.21 | 3/4 | --- | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 2,726.51 | 6 | 2,988.59 | 6 | 3,250.67 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 2,731.97 | 1/4 | 2,994.05 | 1/4 | 3,256.13 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,737.43 | 1/2 | 2,999.51 | 1/2 | 3,261.59 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,742.89 | 3/4 | 3,004.97 | 3/4 | 3,267.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,748.35 | 7 | 3,010.43 | 7 | 3,272.51 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 2,753.81 | 1/4 | 3,015.89 | 1/4 | 3,277.97 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,759.27 | 1/2 | 3,021.35 | 1/2 | 3,283.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,764.73 | 3/4 | 3,026.81 | 3/4 | 3,288.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,770.19 | 8 | 3,032.27 | 8 | 3,294.35 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 2,775.65 | 1/4 | 3,037.73 | 1/4 | 3,299.81 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,781.11 | 1/2 | 3,043.19 | 1/2 | 3,305.27 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,786.57 | 3/4 | 3,048.65 | 3/4 | 3,310.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,792.03 | 9 | 3,054.11 | 9 | 3,316.19 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 2,797.49 | 1/4 | 3,059.57 | 1/4 | 3,321.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,802.95 | 1/2 | 3,065.03 | 1/2 | 3,327.11 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,808.41 | 3/4 | 3,070.49 | 3/4 | 3,332.57 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,813.87 | 10 | 3,075.95 | 10 | 3,338.03 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 2,819.33 | 1/4 | 3,081.41 | 1/4 | 3,343.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,824.79 | 1/2 | 3,086.87 | 1/2 | 3,348.95 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,830.25 | 3/4 | 3,092.33 | 3/4 | 3,354.41 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,835.71 | 11 | 3,097.79 | 11 | 3,359.87 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 2,841.17 | 1/4 | 3,103.25 | 1/4 | 3,365.28 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,846.63 | 1/2 | 3,108.71 | 1/2 | 3,370.68 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,852.09 | 3/4 | 3,114.17 | 3/4 | 3,376.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/19/2015 CL
CALCULATED: 01/19/2015 CL
PRINTED: 01/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MPC 1011"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 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 | 6.14 | 0 | 272.33 | 0 | 569.79 | 0 | 866.69 | 0 | 1,163.93 | 0 | 1,460.41 | 0 | 1,757.09 | 0 | 2,054.52 | 0 | 2,351.95 | 0 | 2,649.37 |
| 1/4 | 8.21 | 1/4 | 278.53 | 1/4 | 575.99 | 1/4 | 872.88 | 1/4 | 1,170.06 | 1/4 | 1,466.59 | 1/4 | 1,763.29 | 1/4 | 2,060.72 | 1/4 | 2,358.14 | 1/4 | 2,655.57 |
| 1/2 | 10.28 | 1/2 | 284.73 | 1/2 | 582.19 | 1/2 | 879.07 | 1/2 | 1,176.19 | 1/2 | 1,472.77 | 1/2 | 1,769.49 | 1/2 | 2,066.91 | 1/2 | 2,364.34 | 1/2 | 2,661.77 |
| 3/4 | 12.35 | 3/4 | 290.92 | 3/4 | 588.39 | 3/4 | 885.26 | 3/4 | 1,182.33 | 3/4 | 1,478.94 | 3/4 | 1,775.68 | 3/4 | 2,073.11 | 3/4 | 2,370.54 | 3/4 | 2,667.96 |
| 1 | 14.42 | 1 | 297.12 | 1 | 594.58 | 1 | 891.45 | 1 | 1,188.46 | 1 | 1,485.12 | 1 | 1,781.88 | 1 | 2,079.31 | 1 | 2,376.73 | 1 | 2,674.16 |
| 1/4 | 18.55 | 1/4 | 303.32 | 1/4 | 600.78 | 1/4 | 897.64 | 1/4 | 1,194.59 | 1/4 | 1,491.30 | 1/4 | 1,788.07 | 1/4 | 2,085.50 | 1/4 | 2,382.93 | 1/4 | 2,680.36 |
| 1/2 | 22.69 | 1/2 | 309.52 | 1/2 | 606.98 | 1/2 | 903.83 | 1/2 | 1,200.72 | 1/2 | 1,497.47 | 1/2 | 1,794.27 | 1/2 | 2,091.70 | 1/2 | 2,389.13 | 1/2 | 2,686.55 |
| 3/4 | 26.82 | 3/4 | 315.71 | 3/4 | 613.17 | 3/4 | 910.02 | 3/4 | 1,206.85 | 3/4 | 1,503.65 | 3/4 | 1,800.47 | 3/4 | 2,097.89 | 3/4 | 2,395.32 | 3/4 | 2,692.75 |
| 2 | 30.96 | 2 | 321.91 | 2 | 619.37 | 2 | 916.22 | 2 | 1,212.99 | 2 | 1,509.83 | 2 | 1,806.66 | 2 | 2,104.09 | 2 | 2,401.52 | 2 | 2,698.95 |
| 1/4 | 36.58 | 1/4 | 328.11 | 1/4 | 625.57 | 1/4 | 922.41 | 1/4 | 1,219.12 | 1/4 | 1,516.00 | 1/4 | 1,812.86 | 1/4 | 2,110.29 | 1/4 | 2,407.71 | 1/4 | 2,705.14 |
| 1/2 | 42.20 | 1/2 | 334.30 | 1/2 | 631.77 | 1/2 | 928.60 | 1/2 | 1,225.25 | 1/2 | 1,522.18 | 1/2 | 1,819.06 | 1/2 | 2,116.48 | 1/2 | 2,413.91 | 1/2 | 2,711.34 |
| 3/4 | 47.83 | 3/4 | 340.50 | 3/4 | 637.96 | 3/4 | 934.80 | 3/4 | 1,231.38 | 3/4 | 1,528.36 | 3/4 | 1,825.25 | 3/4 | 2,122.68 | 3/4 | 2,420.11 | 3/4 | 2,717.53 |
| 3 | 53.45 | 3 | 346.70 | 3 | 644.16 | 3 | 940.99 | 3 | 1,237.51 | 3 | 1,534.53 | 3 | 1,831.45 | 3 | 2,128.88 | 3 | 2,426.30 | 3 | 2,723.73 |
| 1/4 | 59.34 | 1/4 | 352.90 | 1/4 | 650.36 | 1/4 | 947.19 | 1/4 | 1,243.68 | 1/4 | 1,540.71 | 1/4 | 1,837.65 | 1/4 | 2,135.07 | 1/4 | 2,432.50 | 1/4 | 2,729.93 |
| 1/2 | 65.23 | 1/2 | 359.09 | 1/2 | 656.55 | 1/2 | 953.38 | 1/2 | 1,249.84 | 1/2 | 1,546.89 | 1/2 | 1,843.84 | 1/2 | 2,141.27 | 1/2 | 2,438.70 | 1/2 | 2,736.12 |
| 3/4 | 71.13 | 3/4 | 365.29 | 3/4 | 662.75 | 3/4 | 959.58 | 3/4 | 1,256.00 | 3/4 | 1,553.06 | 3/4 | 1,850.04 | 3/4 | 2,147.47 | 3/4 | 2,444.89 | 3/4 | 2,742.32 |
| 4 | 77.02 | 4 | 371.49 | 4 | 668.95 | 4 | 965.78 | 4 | 1,262.17 | 4 | 1,559.24 | 4 | 1,856.24 | 4 | 2,153.66 | 4 | 2,451.09 | 4 | 2,748.52 |
| 1/4 | 82.74 | 1/4 | 377.68 | 1/4 | 675.14 | 1/4 | 971.97 | 1/4 | 1,268.36 | 1/4 | 1,565.42 | 1/4 | 1,862.43 | 1/4 | 2,159.86 | 1/4 | 2,457.29 | 1/4 | 2,754.71 |
| 1/2 | 88.46 | 1/2 | 383.88 | 1/2 | 681.34 | 1/2 | 978.17 | 1/2 | 1,274.56 | 1/2 | 1,571.59 | 1/2 | 1,868.63 | 1/2 | 2,166.06 | 1/2 | 2,463.48 | 1/2 | 2,760.91 |
| 3/4 | 94.18 | 3/4 | 390.08 | 3/4 | 687.54 | 3/4 | 984.36 | 3/4 | 1,280.76 | 3/4 | 1,577.77 | 3/4 | 1,874.82 | 3/4 | 2,172.25 | 3/4 | 2,469.68 | 3/4 | 2,767.11 |
| 5 | 99.90 | 5 | 396.28 | 5 | 693.74 | 5 | 990.56 | 5 | 1,286.95 | 5 | 1,583.95 | 5 | 1,881.02 | 5 | 2,178.45 | 5 | 2,475.87 | 5 | 2,773.30 |
| 1/4 | 105.86 | 1/4 | 402.47 | 1/4 | 699.92 | 1/4 | 996.76 | 1/4 | 1,293.15 | 1/4 | 1,590.12 | 1/4 | 1,887.22 | 1/4 | 2,184.64 | 1/4 | 2,482.07 | 1/4 | 2,779.50 |
| 1/2 | 111.81 | 1/2 | 408.67 | 1/2 | 706.11 | 1/2 | 1,002.95 | 1/2 | 1,299.35 | 1/2 | 1,596.30 | 1/2 | 1,893.41 | 1/2 | 2,190.84 | 1/2 | 2,488.27 | 1/2 | 2,785.69 |
| 3/4 | 117.76 | 3/4 | 414.87 | 3/4 | 712.30 | 3/4 | 1,009.15 | 3/4 | 1,305.54 | 3/4 | 1,602.48 | 3/4 | 1,899.61 | 3/4 | 2,197.04 | 3/4 | 2,494.46 | 3/4 | 2,791.89 |
| 6 | 123.72 | 6 | 421.06 | 6 | 718.49 | 6 | 1,015.35 | 6 | 1,311.74 | 6 | 1,608.65 | 6 | 1,905.81 | 6 | 2,203.23 | 6 | 2,500.66 | 6 | 2,798.09 |
| 1/4 | 129.89 | 1/4 | 427.26 | 1/4 | 724.66 | 1/4 | 1,021.54 | 1/4 | 1,317.94 | 1/4 | 1,614.83 | 1/4 | 1,912.00 | 1/4 | 2,209.43 | 1/4 | 2,506.86 | 1/4 | 2,804.28 |
| 1/2 | 136.07 | 1/2 | 433.46 | 1/2 | 730.84 | 1/2 | 1,027.74 | 1/2 | 1,324.13 | 1/2 | 1,621.01 | 1/2 | 1,918.20 | 1/2 | 2,215.63 | 1/2 | 2,513.05 | 1/2 | 2,810.48 |
| 3/4 | 142.25 | 3/4 | 439.66 | 3/4 | 737.01 | 3/4 | 1,033.94 | 3/4 | 1,330.33 | 3/4 | 1,627.18 | 3/4 | 1,924.40 | 3/4 | 2,221.82 | 3/4 | 2,519.25 | 3/4 | 2,816.68 |
| 7 | 148.43 | 7 | 445.85 | 7 | 743.19 | 7 | 1,040.13 | 7 | 1,336.52 | 7 | 1,633.36 | 7 | 1,930.59 | 7 | 2,228.02 | 7 | 2,525.45 | 7 | 2,822.87 |
| 1/4 | 154.61 | 1/4 | 452.05 | 1/4 | 749.36 | 1/4 | 1,046.33 | 1/4 | 1,342.72 | 1/4 | 1,639.54 | 1/4 | 1,936.79 | 1/4 | 2,234.22 | 1/4 | 2,531.64 | 1/4 | 2,829.07 |
| 1/2 | 160.80 | 1/2 | 458.25 | 1/2 | 755.53 | 1/2 | 1,052.53 | 1/2 | 1,348.92 | 1/2 | 1,645.71 | 1/2 | 1,942.98 | 1/2 | 2,240.41 | 1/2 | 2,537.84 | 1/2 | 2,835.27 |
| 3/4 | 166.99 | 3/4 | 464.44 | 3/4 | 761.71 | 3/4 | 1,058.72 | 3/4 | 1,355.11 | 3/4 | 1,651.89 | 3/4 | 1,949.18 | 3/4 | 2,246.61 | 3/4 | 2,544.04 | 3/4 | 2,841.46 |
| 8 | 173.17 | 8 | 470.64 | 8 | 767.88 | 8 | 1,064.92 | 8 | 1,361.31 | 8 | 1,658.07 | 8 | 1,955.38 | 8 | 2,252.80 | 8 | 2,550.23 | 8 | 2,847.66 |
| 1/4 | 179.37 | 1/4 | 476.84 | 1/4 | 774.05 | 1/4 | 1,071.11 | 1/4 | 1,367.51 | 1/4 | 1,664.24 | 1/4 | 1,961.57 | 1/4 | 2,259.00 | 1/4 | 2,556.43 | 1/4 | 2,853.86 |
| 1/2 | 185.56 | 1/2 | 483.03 | 1/2 | 780.23 | 1/2 | 1,077.31 | 1/2 | 1,373.70 | 1/2 | 1,670.42 | 1/2 | 1,967.77 | 1/2 | 2,265.20 | 1/2 | 2,562.62 | 1/2 | 2,860.05 |
| 3/4 | 191.76 | 3/4 | 489.23 | 3/4 | 786.40 | 3/4 | 1,083.51 | 3/4 | 1,379.90 | 3/4 | 1,676.60 | 3/4 | 1,973.97 | 3/4 | 2,271.39 | 3/4 | 2,568.82 | 3/4 | 2,866.25 |
| 9 | 197.96 | 9 | 495.43 | 9 | 792.57 | 9 | 1,089.70 | 9 | 1,386.10 | 9 | 1,682.77 | 9 | 1,980.16 | 9 | 2,277.59 | 9 | 2,575.02 | 9 | 2,872.44 |
| 1/4 | 204.16 | 1/4 | 501.63 | 1/4 | 798.75 | 1/4 | 1,095.90 | 1/4 | 1,392.29 | 1/4 | 1,688.96 | 1/4 | 1,986.36 | 1/4 | 2,283.79 | 1/4 | 2,581.21 | 1/4 | 2,878.65 |
| 1/2 | 210.36 | 1/2 | 507.82 | 1/2 | 804.92 | 1/2 | 1,102.10 | 1/2 | 1,398.49 | 1/2 | 1,695.15 | 1/2 | 1,992.56 | 1/2 | 2,289.98 | 1/2 | 2,587.41 | 1/2 | 2,884.85 |
| 3/4 | 216.56 | 3/4 | 514.02 | 3/4 | 811.09 | 3/4 | 1,108.29 | 3/4 | 1,404.69 | 3/4 | 1,701.33 | 3/4 | 1,998.75 | 3/4 | 2,296.18 | 3/4 | 2,593.61 | 3/4 | 2,891.05 |
| 10 | 222.76 | 10 | 520.22 | 10 | 817.27 | 10 | 1,114.49 | 10 | 1,410.88 | 10 | 1,707.52 | 10 | 2,004.95 | 10 | 2,302.38 | 10 | 2,599.80 | 10 | 2,897.26 |
| 1/4 | 228.95 | 1/4 | 526.41 | 1/4 | 823.44 | 1/4 | 1,120.69 | 1/4 | 1,417.08 | 1/4 | 1,713.72 | 1/4 | 2,011.15 | 1/4 | 2,308.57 | 1/4 | 2,606.00 | 1/4 | 2,902.92 |
| 1/2 | 235.15 | 1/2 | 532.61 | 1/2 | 829.61 | 1/2 | 1,126.88 | 1/2 | 1,423.27 | 1/2 | 1,719.91 | 1/2 | 2,017.34 | 1/2 | 2,314.77 | 1/2 | 2,612.20 | 1/2 | 2,908.59 |
| 3/4 | 241.35 | 3/4 | 538.81 | 3/4 | 835.78 | 3/4 | 1,133.08 | 3/4 | 1,429.47 | 3/4 | 1,726.11 | 3/4 | 2,023.54 | 3/4 | 2,320.96 | 3/4 | 2,618.39 | 3/4 | 2,914.26 |
| 11 | 247.55 | 11 | 545.01 | 11 | 841.96 | 11 | 1,139.28 | 11 | 1,435.67 | 11 | 1,732.31 | 11 | 2,029.73 | 11 | 2,327.16 | 11 | 2,624.59 | 11 | 2,919.92 |
| 1/4 | 253.74 | 1/4 | 551.20 | 1/4 | 848.14 | 1/4 | 1,145.44 | 1/4 | 1,441.85 | 1/4 | 1,738.50 | 1/4 | 2,035.93 | 1/4 | 2,333.36 | 1/4 | 2,630.78 | 1/4 | 2,925.05 |
| 1/2 | 259.94 | 1/2 | 557.40 | 1/2 | 854.32 | 1/2 | 1,151.60 | 1/2 | 1,448.04 | 1/2 | 1,744.70 | 1/2 | 2,042.13 | 1/2 | 2,339.55 | 1/2 | 2,636.98 | 1/2 | 2,930.17 |
| 3/4 | 266.14 | 3/4 | 563.60 | 3/4 | 860.50 | 3/4 | 1,157.77 | 3/4 | 1,454.23 | 3/4 | 1,750.90 | 3/4 | 2,048.32 | 3/4 | 2,345.75 | 3/4 | 2,643.18 | 3/4 | 2,935.29 |

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 TOP OF 2" MMC CLOSED GAUGING VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

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



BARGE "MPC 1011"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,940.42 | 0 | 3,185.99 | 0 | 3,431.23 | 0 | 3,676.24 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,945.54 | 1/4 | 3,191.10 | 1/4 | 3,436.34 | 1/4 | 3,681.24 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,950.67 | 1/2 | 3,196.21 | 1/2 | 3,441.45 | 1/2 | 3,686.23 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,955.79 | 3/4 | 3,201.32 | 3/4 | 3,446.56 | 3/4 | 3,691.22 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2,960.92 | 1 | 3,206.43 | 1 | 3,451.67 | 1 | 3,696.22 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 2,966.04 | 1/4 | 3,211.54 | 1/4 | 3,456.78 | 1/4 | 3,701.20 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,971.16 | 1/2 | 3,216.65 | 1/2 | 3,461.89 | 1/2 | 3,706.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,976.29 | 3/4 | 3,221.76 | 3/4 | 3,467.00 | 3/4 | 3,711.16 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 2,981.41 | 2 | 3,226.87 | 2 | 3,472.11 | 2 | 3,716.14 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 2,986.54 | 1/4 | 3,231.98 | 1/4 | 3,477.22 | 1/4 | 3,720.97 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,991.66 | 1/2 | 3,237.08 | 1/2 | 3,482.33 | 1/2 | 3,725.81 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,996.79 | 3/4 | 3,242.19 | 3/4 | 3,487.44 | 3/4 | 3,730.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,001.91 | 3 | 3,247.30 | 3 | 3,492.54 | 3 | 3,735.47 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 3,007.03 | 1/4 | 3,252.41 | 1/4 | 3,497.65 | 1/4 | 3,739.29 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,012.16 | 1/2 | 3,257.52 | 1/2 | 3,502.76 | 1/2 | 3,743.10 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,017.28 | 3/4 | 3,262.63 | 3/4 | 3,507.87 | 3/4 | 3,746.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,022.41 | 4 | 3,267.74 | 4 | 3,512.98 | 4 | 3,751.73 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 3,027.53 | 1/4 | 3,272.85 | 1/4 | 3,518.09 | 1/4 | 3,752.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,032.66 | 1/2 | 3,277.96 | 1/2 | 3,523.20 | 1/2 | 3,754.51 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,037.78 | 3/4 | 3,283.07 | 3/4 | 3,528.31 | 3/4 | 3,756.40 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,042.90 | 5 | 3,288.18 | 5 | 3,533.42 | 5 | 3,758.29 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 3,048.02 | 1/4 | 3,293.29 | 1/4 | 3,538.53 | 1/4 | 3,758.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,053.14 | 1/2 | 3,298.39 | 1/2 | 3,543.64 | 1/2 | 3,759.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,058.26 | 3/4 | 3,303.50 | 3/4 | 3,548.75 | 3/4 | 3,760.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,063.37 | 6 | 3,308.61 | 6 | 3,553.85 | 6 | 3,761.04 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 3,068.48 | 1/4 | 3,313.72 | 1/4 | 3,558.96 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,073.59 | 1/2 | 3,318.83 | 1/2 | 3,564.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,078.70 | 3/4 | 3,323.94 | 3/4 | 3,569.18 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,083.81 | 7 | 3,329.05 | 7 | 3,574.29 | 7 | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 3,088.92 | 1/4 | 3,334.16 | 1/4 | 3,579.40 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,094.03 | 1/2 | 3,339.27 | 1/2 | 3,584.51 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,099.14 | 3/4 | 3,344.38 | 3/4 | 3,589.62 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,104.25 | 8 | 3,349.49 | 8 | 3,594.73 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 3,109.35 | 1/4 | 3,354.60 | 1/4 | 3,599.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,114.46 | 1/2 | 3,359.71 | 1/2 | 3,604.95 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,119.57 | 3/4 | 3,364.81 | 3/4 | 3,610.06 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,124.68 | 9 | 3,369.92 | 9 | 3,615.17 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 3,129.79 | 1/4 | 3,375.03 | 1/4 | 3,620.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,134.90 | 1/2 | 3,380.14 | 1/2 | 3,625.38 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,140.01 | 3/4 | 3,385.25 | 3/4 | 3,630.49 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,145.12 | 10 | 3,390.36 | 10 | 3,635.60 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 3,150.23 | 1/4 | 3,395.47 | 1/4 | 3,640.71 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,155.34 | 1/2 | 3,400.58 | 1/2 | 3,645.82 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,160.45 | 3/4 | 3,405.69 | 3/4 | 3,650.93 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,165.56 | 11 | 3,410.80 | 11 | 3,656.04 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 3,170.66 | 1/4 | 3,415.91 | 1/4 | 3,661.09 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,175.77 | 1/2 | 3,421.02 | 1/2 | 3,666.14 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,180.88 | 3/4 | 3,426.12 | 3/4 | 3,671.19 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/19/2015 CL
CALCULATED: 01/19/2015 CL
PRINTED: 01/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

PRECISION MEASUREMENT
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