



BARGE "WEB 352"

ULLAGE 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 | 00-0/8 | - 00-0/8 | 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 |
| 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 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 |
| 3 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 |
| 4 CENTER | 00-0/8 | - 00-0/8 | 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 |

(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 3 STBD IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 STBD, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 240'-00"

October 22, 2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 352"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

| 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 | 594 | 0 | 1,188 | 0 | 1,781 | 0 | 2,375 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 12 | 1/4 | 606 | 1/4 | 1,200 | 1/4 | 1,794 | 1/4 | 2,387 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 25 | 1/2 | 619 | 1/2 | 1,212 | 1/2 | 1,806 | 1/2 | 2,400 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 37 | 3/4 | 631 | 3/4 | 1,225 | 3/4 | 1,818 | 3/4 | 2,412 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 49 | 1 | 643 | 1 | 1,237 | 1 | 1,831 | 1 | 2,425 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 62 | 1/4 | 656 | 1/4 | 1,249 | 1/4 | 1,843 | 1/4 | 2,437 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 74 | 1/2 | 668 | 1/2 | 1,262 | 1/2 | 1,856 | 1/2 | 2,449 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 87 | 3/4 | 680 | 3/4 | 1,274 | 3/4 | 1,868 | 3/4 | 2,462 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 99 | 2 | 693 | 2 | 1,286 | 2 | 1,880 | 2 | 2,474 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 111 | 1/4 | 705 | 1/4 | 1,299 | 1/4 | 1,893 | 1/4 | 2,486 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 124 | 1/2 | 717 | 1/2 | 1,311 | 1/2 | 1,905 | 1/2 | 2,499 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 136 | 3/4 | 730 | 3/4 | 1,324 | 3/4 | 1,917 | 3/4 | 2,511 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 148 | 3 | 742 | 3 | 1,336 | 3 | 1,930 | 3 | 2,524 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 161 | 1/4 | 755 | 1/4 | 1,348 | 1/4 | 1,942 | 1/4 | 2,536 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 173 | 1/2 | 767 | 1/2 | 1,361 | 1/2 | 1,954 | 1/2 | 2,548 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 186 | 3/4 | 779 | 3/4 | 1,373 | 3/4 | 1,967 | 3/4 | 2,561 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 198 | 4 | 792 | 4 | 1,385 | 4 | 1,979 | 4 | 2,573 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 210 | 1/4 | 804 | 1/4 | 1,398 | 1/4 | 1,992 | 1/4 | 2,585 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 223 | 1/2 | 816 | 1/2 | 1,410 | 1/2 | 2,004 | 1/2 | 2,598 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 235 | 3/4 | 829 | 3/4 | 1,423 | 3/4 | 2,016 | 3/4 | 2,610 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 247 | 5 | 841 | 5 | 1,435 | 5 | 2,029 | 5 | 2,622 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 260 | 1/4 | 854 | 1/4 | 1,447 | 1/4 | 2,041 | 1/4 | 2,635 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 272 | 1/2 | 866 | 1/2 | 1,460 | 1/2 | 2,053 | 1/2 | 2,647 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 285 | 3/4 | 878 | 3/4 | 1,472 | 3/4 | 2,066 | 3/4 | 2,660 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 297 | 6 | 891 | 6 | 1,484 | 6 | 2,078 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 309 | 1/4 | 903 | 1/4 | 1,497 | 1/4 | 2,091 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 322 | 1/2 | 915 | 1/2 | 1,509 | 1/2 | 2,103 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 334 | 3/4 | 928 | 3/4 | 1,522 | 3/4 | 2,115 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 346 | 7 | 940 | 7 | 1,534 | 7 | 2,128 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 359 | 1/4 | 952 | 1/4 | 1,546 | 1/4 | 2,140 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 371 | 1/2 | 965 | 1/2 | 1,559 | 1/2 | 2,152 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 383 | 3/4 | 977 | 3/4 | 1,571 | 3/4 | 2,165 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 396 | 8 | 990 | 8 | 1,583 | 8 | 2,177 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 408 | 1/4 | 1,002 | 1/4 | 1,596 | 1/4 | 2,190 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 421 | 1/2 | 1,014 | 1/2 | 1,608 | 1/2 | 2,202 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 433 | 3/4 | 1,027 | 3/4 | 1,620 | 3/4 | 2,214 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 445 | 9 | 1,039 | 9 | 1,633 | 9 | 2,227 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 458 | 1/4 | 1,051 | 1/4 | 1,645 | 1/4 | 2,239 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 470 | 1/2 | 1,064 | 1/2 | 1,658 | 1/2 | 2,251 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 482 | 3/4 | 1,076 | 3/4 | 1,670 | 3/4 | 2,264 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 495 | 10 | 1,089 | 10 | 1,682 | 10 | 2,276 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 507 | 1/4 | 1,101 | 1/4 | 1,695 | 1/4 | 2,288 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 520 | 1/2 | 1,113 | 1/2 | 1,707 | 1/2 | 2,301 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 532 | 3/4 | 1,126 | 3/4 | 1,719 | 3/4 | 2,313 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 544 | 11 | 1,138 | 11 | 1,732 | 11 | 2,326 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 557 | 1/4 | 1,150 | 1/4 | 1,744 | 1/4 | 2,338 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 569 | 1/2 | 1,163 | 1/2 | 1,757 | 1/2 | 2,350 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 581 | 3/4 | 1,175 | 3/4 | 1,769 | 3/4 | 2,363 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

STRAPPED: 10/20/2014 CL
CALCULATED: 10/21/2014 CL
PRINTED: 10/22/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 352"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

| 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 | 594 | 0 | 1,188 | 0 | 1,781 | 0 | 2,375 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 12 | 1/4 | 606 | 1/4 | 1,200 | 1/4 | 1,794 | 1/4 | 2,387 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 25 | 1/2 | 619 | 1/2 | 1,212 | 1/2 | 1,806 | 1/2 | 2,400 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 37 | 3/4 | 631 | 3/4 | 1,225 | 3/4 | 1,818 | 3/4 | 2,412 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 49 | 1 | 643 | 1 | 1,237 | 1 | 1,831 | 1 | 2,425 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 62 | 1/4 | 656 | 1/4 | 1,249 | 1/4 | 1,843 | 1/4 | 2,437 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 74 | 1/2 | 668 | 1/2 | 1,262 | 1/2 | 1,856 | 1/2 | 2,449 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 87 | 3/4 | 680 | 3/4 | 1,274 | 3/4 | 1,868 | 3/4 | 2,462 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 99 | 2 | 693 | 2 | 1,286 | 2 | 1,880 | 2 | 2,474 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 111 | 1/4 | 705 | 1/4 | 1,299 | 1/4 | 1,893 | 1/4 | 2,486 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 124 | 1/2 | 717 | 1/2 | 1,311 | 1/2 | 1,905 | 1/2 | 2,499 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 136 | 3/4 | 730 | 3/4 | 1,324 | 3/4 | 1,917 | 3/4 | 2,511 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 148 | 3 | 742 | 3 | 1,336 | 3 | 1,930 | 3 | 2,524 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 161 | 1/4 | 755 | 1/4 | 1,348 | 1/4 | 1,942 | 1/4 | 2,536 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 173 | 1/2 | 767 | 1/2 | 1,361 | 1/2 | 1,954 | 1/2 | 2,548 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 186 | 3/4 | 779 | 3/4 | 1,373 | 3/4 | 1,967 | 3/4 | 2,561 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 198 | 4 | 792 | 4 | 1,385 | 4 | 1,979 | 4 | 2,573 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 210 | 1/4 | 804 | 1/4 | 1,398 | 1/4 | 1,992 | 1/4 | 2,585 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 223 | 1/2 | 816 | 1/2 | 1,410 | 1/2 | 2,004 | 1/2 | 2,598 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 235 | 3/4 | 829 | 3/4 | 1,423 | 3/4 | 2,016 | 3/4 | 2,610 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 247 | 5 | 841 | 5 | 1,435 | 5 | 2,029 | 5 | 2,622 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 260 | 1/4 | 854 | 1/4 | 1,447 | 1/4 | 2,041 | 1/4 | 2,635 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 272 | 1/2 | 866 | 1/2 | 1,460 | 1/2 | 2,053 | 1/2 | 2,647 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 285 | 3/4 | 878 | 3/4 | 1,472 | 3/4 | 2,066 | 3/4 | 2,660 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 297 | 6 | 891 | 6 | 1,484 | 6 | 2,078 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 309 | 1/4 | 903 | 1/4 | 1,497 | 1/4 | 2,091 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 322 | 1/2 | 915 | 1/2 | 1,509 | 1/2 | 2,103 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 334 | 3/4 | 928 | 3/4 | 1,522 | 3/4 | 2,115 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 346 | 7 | 940 | 7 | 1,534 | 7 | 2,128 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 359 | 1/4 | 952 | 1/4 | 1,546 | 1/4 | 2,140 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 371 | 1/2 | 965 | 1/2 | 1,559 | 1/2 | 2,152 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 383 | 3/4 | 977 | 3/4 | 1,571 | 3/4 | 2,165 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 396 | 8 | 990 | 8 | 1,583 | 8 | 2,177 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 408 | 1/4 | 1,002 | 1/4 | 1,596 | 1/4 | 2,190 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 421 | 1/2 | 1,014 | 1/2 | 1,608 | 1/2 | 2,202 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 433 | 3/4 | 1,027 | 3/4 | 1,620 | 3/4 | 2,214 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 445 | 9 | 1,039 | 9 | 1,633 | 9 | 2,227 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 458 | 1/4 | 1,051 | 1/4 | 1,645 | 1/4 | 2,239 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 470 | 1/2 | 1,064 | 1/2 | 1,658 | 1/2 | 2,251 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 482 | 3/4 | 1,076 | 3/4 | 1,670 | 3/4 | 2,264 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 495 | 10 | 1,089 | 10 | 1,682 | 10 | 2,276 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 507 | 1/4 | 1,101 | 1/4 | 1,695 | 1/4 | 2,288 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 520 | 1/2 | 1,113 | 1/2 | 1,707 | 1/2 | 2,301 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 532 | 3/4 | 1,126 | 3/4 | 1,719 | 3/4 | 2,313 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 544 | 11 | 1,138 | 11 | 1,732 | 11 | 2,326 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 557 | 1/4 | 1,150 | 1/4 | 1,744 | 1/4 | 2,338 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 569 | 1/2 | 1,163 | 1/2 | 1,757 | 1/2 | 2,350 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 581 | 3/4 | 1,175 | 3/4 | 1,769 | 3/4 | 2,363 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE "WEB 352"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Gauge Height 17'-05 1/2"

| 0 FT. | | | 1 FT. | | | 2 FT. | | | 3 FT. | | | 4 FT. | | | 5 FT. | | | 6 FT. | | | 7 FT. | | | 8 FT. | | | 9 FT. | | |
|-------|---|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|
| IN | 0 | 1/4 | IN | 1/4 | 1/2 | IN | 1/4 | 1/2 | IN | 1/4 | 1/2 | IN | 1/4 | 1/2 | IN | 1/4 | 1/2 | IN | 1/4 | 1/2 | IN | 1/4 | 1/2 | IN | 1/4 | 1/2 | IN | 1/4 | 1/2 |
| 0 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | | 0 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | | 1 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | | 2 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 3 | | | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | | 3 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 4 | | | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | | 4 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 5 | | | 5 | | | 5 | | | 5 | | | 5 | | | 5 | | | 5 | | | 5 | | | 5 | | | 5 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 6 | | | 6 | | | 6 | | | 6 | | | 6 | | | 6 | | | 6 | | | 6 | | | 6 | | | 6 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 7 | | | 7 | | | 7 | | | 7 | | | 7 | | | 7 | | | 7 | | | 7 | | | 7 | | | 7 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 8 | | | 8 | | | 8 | | | 8 | | | 8 | | | 8 | | | 8 | | | 8 | | | 8 | | | 8 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 9 | | | 9 | | | 9 | | | 9 | | | 9 | | | 9 | | | 9 | | | 9 | | | 9 | | | 9 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 10 | | | 10 | | | 10 | | | 10 | | | 10 | | | 10 | | | 10 | | | 10 | | | 10 | | | 10 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 3/4 | | |
| 11 | | | 11 | | | 11 | | | 11 | | | 11 | | | 11 | | | 11 | | | 11 | | | 11 | | | 11 | | |
| 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | | 1/4 | | |
| 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 1/2 | | | 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 | | | 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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 352"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/2"

Table with columns for height (IN) and capacity (BARRELS) for various gauge heights (10 FT. to 19 FT.).

STRAPPED: 10/20/2014 CL
CALCULATED: 10/21/2014 CL
PRINTED: 10/22/2014 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 10/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

Signature of Precision Measurement & Analysis, Inc.



BARGE "WEB 352"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 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 | 2,248.23 | 0 | 1,944.46 | 0 | 1,640.69 | 0 | 1,336.91 | 0 | 1,033.14 | 0 | 734.12 | 0 | 436.55 | 0 | 132.84 | 0 | | 0 | |
| 1/4 | 2,241.90 | 1/4 | 1,938.13 | 1/4 | 1,634.36 | 1/4 | 1,330.59 | 1/4 | 1,026.81 | 1/4 | 728.02 | 1/4 | 430.22 | 1/4 | 126.53 | 1/4 | | 1/4 | |
| 1/2 | 2,235.58 | 1/2 | 1,931.80 | 1/2 | 1,628.03 | 1/2 | 1,324.26 | 1/2 | 1,020.48 | 1/2 | 721.92 | 1/2 | 423.89 | 1/2 | 120.22 | 1/2 | | 1/2 | |
| 3/4 | 2,229.26 | 3/4 | 1,925.47 | 3/4 | 1,621.70 | 3/4 | 1,317.93 | 3/4 | 1,014.16 | 3/4 | 715.82 | 3/4 | 417.56 | 3/4 | 113.92 | 3/4 | | 3/4 | |
| 1 | 2,222.92 | 1 | 1,919.15 | 1 | 1,615.37 | 1 | 1,311.60 | 1 | 1,007.83 | 1 | 709.72 | 1 | 411.24 | 1 | 107.62 | 1 | | 1 | |
| 1/4 | 2,216.59 | 1/4 | 1,912.82 | 1/4 | 1,609.04 | 1/4 | 1,305.27 | 1/4 | 1,001.50 | 1/4 | 703.62 | 1/4 | 404.91 | 1/4 | 101.32 | 1/4 | | 1/4 | |
| 1/2 | 2,210.26 | 1/2 | 1,906.49 | 1/2 | 1,602.72 | 1/2 | 1,298.94 | 1/2 | 995.17 | 1/2 | 697.52 | 1/2 | 398.68 | 1/2 | 95.02 | 1/2 | | 1/2 | |
| 3/4 | 2,203.93 | 3/4 | 1,900.16 | 3/4 | 1,596.39 | 3/4 | 1,292.61 | 3/4 | 988.84 | 3/4 | 691.42 | 3/4 | 392.25 | 3/4 | 88.75 | 3/4 | | 3/4 | |
| 2 | 2,197.60 | 2 | 1,893.83 | 2 | 1,590.06 | 2 | 1,286.29 | 2 | 982.51 | 2 | 685.33 | 2 | 385.92 | 2 | 82.47 | 2 | | 2 | |
| 1/4 | 2,191.28 | 1/4 | 1,887.50 | 1/4 | 1,583.73 | 1/4 | 1,279.96 | 1/4 | 976.18 | 1/4 | 679.23 | 1/4 | 379.59 | 1/4 | 76.19 | 1/4 | | 1/4 | |
| 1/2 | 2,184.95 | 1/2 | 1,881.17 | 1/2 | 1,577.40 | 1/2 | 1,273.63 | 1/2 | 969.86 | 1/2 | 673.13 | 1/2 | 373.26 | 1/2 | 69.92 | 1/2 | | 1/2 | |
| 3/4 | 2,178.62 | 3/4 | 1,874.85 | 3/4 | 1,571.07 | 3/4 | 1,267.30 | 3/4 | 963.53 | 3/4 | 667.03 | 3/4 | 366.94 | 3/4 | 63.85 | 3/4 | | 3/4 | |
| 3 | 2,172.29 | 3 | 1,868.52 | 3 | 1,564.74 | 3 | 1,260.97 | 3 | 957.20 | 3 | 660.93 | 3 | 360.61 | 3 | 57.78 | 3 | | 3 | |
| 1/4 | 2,165.96 | 1/4 | 1,862.19 | 1/4 | 1,558.42 | 1/4 | 1,254.64 | 1/4 | 950.87 | 1/4 | 654.83 | 1/4 | 354.28 | 1/4 | 51.71 | 1/4 | | 1/4 | |
| 1/2 | 2,159.63 | 1/2 | 1,855.86 | 1/2 | 1,552.09 | 1/2 | 1,248.31 | 1/2 | 944.54 | 1/2 | 648.73 | 1/2 | 347.95 | 1/2 | 45.64 | 1/2 | | 1/2 | |
| 3/4 | 2,153.30 | 3/4 | 1,849.53 | 3/4 | 1,545.76 | 3/4 | 1,241.99 | 3/4 | 938.21 | 3/4 | 642.63 | 3/4 | 341.62 | 3/4 | 40.50 | 3/4 | | 3/4 | |
| 4 | 2,146.98 | 4 | 1,843.20 | 4 | 1,539.43 | 4 | 1,235.66 | 4 | 931.88 | 4 | 636.53 | 4 | 335.29 | 4 | 35.36 | 4 | | 4 | |
| 1/4 | 2,140.65 | 1/4 | 1,836.87 | 1/4 | 1,533.10 | 1/4 | 1,229.33 | 1/4 | 925.56 | 1/4 | 630.43 | 1/4 | 328.97 | 1/4 | 30.22 | 1/4 | | 1/4 | |
| 1/2 | 2,134.32 | 1/2 | 1,830.55 | 1/2 | 1,526.77 | 1/2 | 1,223.00 | 1/2 | 919.23 | 1/2 | 624.34 | 1/2 | 322.64 | 1/2 | 25.08 | 1/2 | | 1/2 | |
| 3/4 | 2,127.99 | 3/4 | 1,824.22 | 3/4 | 1,520.44 | 3/4 | 1,216.67 | 3/4 | 912.90 | 3/4 | 618.24 | 3/4 | 316.31 | 3/4 | 21.53 | 3/4 | | 3/4 | |
| 5 | 2,121.66 | 5 | 1,817.89 | 5 | 1,514.12 | 5 | 1,210.34 | 5 | 906.57 | 5 | 612.14 | 5 | 309.98 | 5 | 17.97 | 5 | | 5 | |
| 1/4 | 2,115.33 | 1/4 | 1,811.56 | 1/4 | 1,507.79 | 1/4 | 1,204.01 | 1/4 | 900.24 | 1/4 | 606.04 | 1/4 | 303.65 | 1/4 | 14.41 | 1/4 | | 1/4 | |
| 1/2 | 2,109.00 | 1/2 | 1,805.23 | 1/2 | 1,501.46 | 1/2 | 1,197.69 | 1/2 | 893.91 | 1/2 | 599.94 | 1/2 | 297.32 | 1/2 | 10.85 | 1/2 | | 1/2 | |
| 3/4 | 2,102.67 | 3/4 | 1,798.90 | 3/4 | 1,495.13 | 3/4 | 1,191.36 | 3/4 | 887.61 | 3/4 | 593.81 | 3/4 | 291.00 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 2,096.35 | 6 | 1,792.57 | 6 | 1,488.80 | 6 | 1,185.03 | 6 | 881.31 | 6 | 587.68 | 6 | 284.67 | 6 | 6 | 6 | | 6 | |
| 1/4 | 2,090.02 | 1/4 | 1,786.24 | 1/4 | 1,482.47 | 1/4 | 1,178.70 | 1/4 | 875.01 | 1/4 | 581.56 | 1/4 | 278.34 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,083.69 | 1/2 | 1,779.92 | 1/2 | 1,476.14 | 1/2 | 1,172.37 | 1/2 | 868.71 | 1/2 | 575.43 | 1/2 | 272.01 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,077.36 | 3/4 | 1,773.59 | 3/4 | 1,469.81 | 3/4 | 1,166.04 | 3/4 | 862.52 | 3/4 | 569.19 | 3/4 | 265.68 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,071.03 | 7 | 1,767.26 | 7 | 1,463.49 | 7 | 1,159.71 | 7 | 856.33 | 7 | 562.94 | 7 | 259.35 | 7 | | 7 | | 7 | |
| 1/4 | 2,064.70 | 1/4 | 1,760.93 | 1/4 | 1,457.16 | 1/4 | 1,153.38 | 1/4 | 850.15 | 1/4 | 556.70 | 1/4 | 253.03 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,058.37 | 1/2 | 1,754.60 | 1/2 | 1,450.83 | 1/2 | 1,147.06 | 1/2 | 843.96 | 1/2 | 550.46 | 1/2 | 246.70 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,052.05 | 3/4 | 1,748.27 | 3/4 | 1,444.50 | 3/4 | 1,140.73 | 3/4 | 837.86 | 3/4 | 544.13 | 3/4 | 240.37 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,046.72 | 8 | 1,741.94 | 8 | 1,438.17 | 8 | 1,134.40 | 8 | 831.75 | 8 | 537.80 | 8 | 234.04 | 8 | | 8 | | 8 | |
| 1/4 | 2,039.39 | 1/4 | 1,735.62 | 1/4 | 1,431.84 | 1/4 | 1,128.07 | 1/4 | 825.65 | 1/4 | 531.47 | 1/4 | 227.71 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,033.06 | 1/2 | 1,729.29 | 1/2 | 1,425.51 | 1/2 | 1,121.74 | 1/2 | 819.54 | 1/2 | 525.15 | 1/2 | 221.38 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,026.73 | 3/4 | 1,722.96 | 3/4 | 1,419.19 | 3/4 | 1,115.41 | 3/4 | 813.44 | 3/4 | 518.82 | 3/4 | 215.05 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,020.40 | 9 | 1,716.63 | 9 | 1,412.86 | 9 | 1,109.08 | 9 | 807.34 | 9 | 512.49 | 9 | 208.73 | 9 | | 9 | | 9 | |
| 1/4 | 2,014.07 | 1/4 | 1,710.30 | 1/4 | 1,406.53 | 1/4 | 1,102.76 | 1/4 | 801.23 | 1/4 | 506.16 | 1/4 | 202.40 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,007.75 | 1/2 | 1,703.97 | 1/2 | 1,400.20 | 1/2 | 1,096.43 | 1/2 | 795.13 | 1/2 | 499.83 | 1/2 | 196.07 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,001.42 | 3/4 | 1,697.64 | 3/4 | 1,393.87 | 3/4 | 1,090.10 | 3/4 | 789.03 | 3/4 | 493.50 | 3/4 | 189.74 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,995.09 | 10 | 1,691.32 | 10 | 1,387.54 | 10 | 1,083.77 | 10 | 782.92 | 10 | 487.18 | 10 | 183.42 | 10 | | 10 | | 10 | |
| 1/4 | 1,988.76 | 1/4 | 1,684.99 | 1/4 | 1,381.21 | 1/4 | 1,077.44 | 1/4 | 776.82 | 1/4 | 480.85 | 1/4 | 177.09 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,982.43 | 1/2 | 1,678.66 | 1/2 | 1,374.89 | 1/2 | 1,071.11 | 1/2 | 770.72 | 1/2 | 474.52 | 1/2 | 170.76 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,976.10 | 3/4 | 1,672.33 | 3/4 | 1,368.56 | 3/4 | 1,064.78 | 3/4 | 764.62 | 3/4 | 468.19 | 3/4 | 164.44 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,969.77 | 11 | 1,666.00 | 11 | 1,362.23 | 11 | 1,058.46 | 11 | 758.52 | 11 | 461.86 | 11 | 158.12 | 11 | | 11 | | 11 | |
| 1/4 | 1,963.45 | 1/4 | 1,659.67 | 1/4 | 1,355.90 | 1/4 | 1,052.13 | 1/4 | 752.42 | 1/4 | 455.53 | 1/4 | 151.79 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,957.12 | 1/2 | 1,653.34 | 1/2 | 1,349.57 | 1/2 | 1,045.80 | 1/2 | 746.32 | 1/2 | 449.21 | 1/2 | 145.47 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,950.79 | 3/4 | 1,647.02 | 3/4 | 1,343.24 | 3/4 | 1,039.47 | 3/4 | 740.22 | 3/4 | 442.88 | 3/4 | 139.16 | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/20/2014 CL
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& ANALYSIS, INC.
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Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014



BARGE "WEB 352"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06"

| 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 | | 0 | 3,988.34 | 0 | 3,715.00 | 0 | 3,441.30 | 0 | 3,167.25 | 0 | 2,891.64 | 0 | 2,616.03 | 0 | 2,340.42 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,982.73 | 1/4 | 3,709.30 | 1/4 | 3,436.60 | 1/4 | 3,161.51 | 1/4 | 2,885.90 | 1/4 | 2,610.29 | 1/4 | 2,334.68 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,977.12 | 1/2 | 3,703.60 | 1/2 | 3,429.90 | 1/2 | 3,155.77 | 1/2 | 2,880.16 | 1/2 | 2,604.55 | 1/2 | 2,328.94 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,971.51 | 3/4 | 3,697.89 | 3/4 | 3,424.20 | 3/4 | 3,150.03 | 3/4 | 2,874.42 | 3/4 | 2,598.81 | 3/4 | 2,323.19 |
| 1 | | 1 | | 1 | | 1 | 3,965.89 | 1 | 3,692.19 | 1 | 3,418.50 | 1 | 3,144.29 | 1 | 2,868.67 | 1 | 2,593.06 | 1 | 2,317.45 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,960.20 | 1/4 | 3,686.49 | 1/4 | 3,412.79 | 1/4 | 3,138.54 | 1/4 | 2,862.93 | 1/4 | 2,587.32 | 1/4 | 2,311.71 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,954.51 | 1/2 | 3,680.79 | 1/2 | 3,407.09 | 1/2 | 3,132.80 | 1/2 | 2,857.19 | 1/2 | 2,581.58 | 1/2 | 2,305.97 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,948.81 | 3/4 | 3,675.09 | 3/4 | 3,401.39 | 3/4 | 3,127.06 | 3/4 | 2,851.45 | 3/4 | 2,575.84 | 3/4 | 2,300.23 |
| 2 | | 2 | | 2 | | 2 | 3,943.12 | 2 | 3,669.38 | 2 | 3,395.69 | 2 | 3,121.32 | 2 | 2,845.71 | 2 | 2,570.10 | 2 | 2,294.48 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,937.41 | 1/4 | 3,663.68 | 1/4 | 3,389.99 | 1/4 | 3,115.58 | 1/4 | 2,839.96 | 1/4 | 2,564.35 | 1/4 | 2,288.74 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,931.71 | 1/2 | 3,657.98 | 1/2 | 3,384.28 | 1/2 | 3,109.83 | 1/2 | 2,834.22 | 1/2 | 2,558.61 | 1/2 | 2,283.00 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,926.01 | 3/4 | 3,652.28 | 3/4 | 3,378.58 | 3/4 | 3,104.09 | 3/4 | 2,828.48 | 3/4 | 2,552.87 | 3/4 | 2,277.26 |
| 3 | | 3 | | 3 | | 3 | 3,920.30 | 3 | 3,646.58 | 3 | 3,372.88 | 3 | 3,098.36 | 3 | 2,822.74 | 3 | 2,547.13 | 3 | 2,271.52 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,914.59 | 1/4 | 3,640.87 | 1/4 | 3,367.18 | 1/4 | 3,092.61 | 1/4 | 2,817.00 | 1/4 | 2,541.39 | 1/4 | 2,265.77 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,908.89 | 1/2 | 3,635.17 | 1/2 | 3,361.48 | 1/2 | 3,086.87 | 1/2 | 2,811.26 | 1/2 | 2,535.64 | 1/2 | 2,260.03 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,903.18 | 3/4 | 3,629.47 | 3/4 | 3,355.77 | 3/4 | 3,081.12 | 3/4 | 2,805.51 | 3/4 | 2,529.90 | 3/4 | 2,254.29 |
| 4 | | 4 | | 4 | | 4 | 3,897.47 | 4 | 3,623.77 | 4 | 3,350.07 | 4 | 3,075.38 | 4 | 2,799.77 | 4 | 2,524.16 | 4 | 2,248.55 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,891.77 | 1/4 | 3,618.07 | 1/4 | 3,344.37 | 1/4 | 3,069.64 | 1/4 | 2,794.03 | 1/4 | 2,518.42 | 1/4 | 2,242.81 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,886.06 | 1/2 | 3,612.36 | 1/2 | 3,338.67 | 1/2 | 3,063.90 | 1/2 | 2,788.29 | 1/2 | 2,512.68 | 1/2 | 2,237.07 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,880.36 | 3/4 | 3,606.66 | 3/4 | 3,332.97 | 3/4 | 3,058.16 | 3/4 | 2,782.55 | 3/4 | 2,506.93 | 3/4 | 2,231.32 |
| 5 | | 5 | | 5 | | 5 | 3,874.66 | 5 | 3,600.96 | 5 | 3,327.26 | 5 | 3,052.42 | 5 | 2,776.80 | 5 | 2,501.19 | 5 | 2,225.58 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,868.95 | 1/4 | 3,595.26 | 1/4 | 3,321.56 | 1/4 | 3,046.67 | 1/4 | 2,771.06 | 1/4 | 2,495.45 | 1/4 | 2,219.84 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,863.25 | 1/2 | 3,589.56 | 1/2 | 3,315.86 | 1/2 | 3,040.93 | 1/2 | 2,765.32 | 1/2 | 2,489.71 | 1/2 | 2,214.10 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,857.55 | 3/4 | 3,583.86 | 3/4 | 3,310.16 | 3/4 | 3,035.19 | 3/4 | 2,759.58 | 3/4 | 2,483.97 | 3/4 | 2,208.36 |
| 6 | | 6 | | 6 | | 6 | 3,851.85 | 6 | 3,578.15 | 6 | 3,304.46 | 6 | 3,029.45 | 6 | 2,753.84 | 6 | 2,478.23 | 6 | 2,202.61 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,846.15 | 1/4 | 3,572.45 | 1/4 | 3,298.75 | 1/4 | 3,023.71 | 1/4 | 2,748.09 | 1/4 | 2,472.48 | 1/4 | 2,196.87 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,840.44 | 1/2 | 3,566.75 | 1/2 | 3,293.05 | 1/2 | 3,017.96 | 1/2 | 2,742.35 | 1/2 | 2,466.74 | 1/2 | 2,191.13 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,834.74 | 3/4 | 3,561.05 | 3/4 | 3,287.35 | 3/4 | 3,012.22 | 3/4 | 2,736.61 | 3/4 | 2,461.00 | 3/4 | 2,185.39 |
| 7 | | 7 | | 7 | 4,077.41 | 7 | 3,829.04 | 7 | 3,555.34 | 7 | 3,281.65 | 7 | 3,006.48 | 7 | 2,730.87 | 7 | 2,455.26 | 7 | 2,179.65 |
| 1/4 | | 1/4 | | 1/4 | 4,074.36 | 1/4 | 3,823.34 | 1/4 | 3,549.64 | 1/4 | 3,275.95 | 1/4 | 3,000.74 | 1/4 | 2,725.13 | 1/4 | 2,449.52 | 1/4 | 2,173.90 |
| 1/2 | | 1/2 | | 1/2 | 4,071.32 | 1/2 | 3,817.64 | 1/2 | 3,543.94 | 1/2 | 3,270.24 | 1/2 | 2,995.00 | 1/2 | 2,719.39 | 1/2 | 2,443.77 | 1/2 | 2,168.15 |
| 3/4 | | 3/4 | | 3/4 | 4,068.27 | 3/4 | 3,811.93 | 3/4 | 3,538.24 | 3/4 | 3,264.54 | 3/4 | 2,989.25 | 3/4 | 2,713.64 | 3/4 | 2,438.03 | 3/4 | 2,162.40 |
| 8 | | 8 | | 8 | 4,065.22 | 8 | 3,806.23 | 8 | 3,532.54 | 8 | 3,258.84 | 8 | 2,983.51 | 8 | 2,707.90 | 8 | 2,432.29 | 8 | 2,156.66 |
| 1/4 | | 1/4 | | 1/4 | 4,061.44 | 1/4 | 3,800.53 | 1/4 | 3,526.83 | 1/4 | 3,253.14 | 1/4 | 2,977.77 | 1/4 | 2,702.16 | 1/4 | 2,426.55 | 1/4 | 2,150.90 |
| 1/2 | | 1/2 | | 1/2 | 4,057.67 | 1/2 | 3,794.83 | 1/2 | 3,521.13 | 1/2 | 3,247.44 | 1/2 | 2,972.03 | 1/2 | 2,696.42 | 1/2 | 2,420.81 | 1/2 | 2,145.15 |
| 3/4 | | 3/4 | | 3/4 | 4,053.90 | 3/4 | 3,789.13 | 3/4 | 3,515.43 | 3/4 | 3,241.73 | 3/4 | 2,966.29 | 3/4 | 2,690.68 | 3/4 | 2,415.06 | 3/4 | 2,139.40 |
| 9 | | 9 | | 9 | 4,050.12 | 9 | 3,783.42 | 9 | 3,509.73 | 9 | 3,236.03 | 9 | 2,960.54 | 9 | 2,684.93 | 9 | 2,409.32 | 9 | 2,133.66 |
| 1/4 | | 1/4 | | 1/4 | 4,046.53 | 1/4 | 3,777.72 | 1/4 | 3,504.03 | 1/4 | 3,230.32 | 1/4 | 2,954.80 | 1/4 | 2,679.19 | 1/4 | 2,403.58 | 1/4 | 2,127.89 |
| 1/2 | | 1/2 | | 1/2 | 4,040.94 | 1/2 | 3,772.02 | 1/2 | 3,498.32 | 1/2 | 3,224.61 | 1/2 | 2,949.06 | 1/2 | 2,673.45 | 1/2 | 2,397.84 | 1/2 | 2,122.14 |
| 3/4 | | 3/4 | | 3/4 | 4,036.34 | 3/4 | 3,766.32 | 3/4 | 3,492.62 | 3/4 | 3,218.90 | 3/4 | 2,943.32 | 3/4 | 2,667.71 | 3/4 | 2,392.10 | 3/4 | 2,116.39 |
| 10 | | 10 | | 10 | 4,031.75 | 10 | 3,760.62 | 10 | 3,486.92 | 10 | 3,213.19 | 10 | 2,937.58 | 10 | 2,661.97 | 10 | 2,386.35 | 10 | 2,110.64 |
| 1/4 | | 1/4 | | 1/4 | 4,026.46 | 1/4 | 3,754.91 | 1/4 | 3,481.22 | 1/4 | 3,207.45 | 1/4 | 2,931.84 | 1/4 | 2,656.22 | 1/4 | 2,380.61 | 1/4 | 2,104.88 |
| 1/2 | | 1/2 | | 1/2 | 4,021.17 | 1/2 | 3,749.21 | 1/2 | 3,475.52 | 1/2 | 3,201.70 | 1/2 | 2,926.09 | 1/2 | 2,650.48 | 1/2 | 2,374.87 | 1/2 | 2,099.13 |
| 3/4 | | 3/4 | | 3/4 | 4,015.87 | 3/4 | 3,743.51 | 3/4 | 3,469.81 | 3/4 | 3,195.96 | 3/4 | 2,920.36 | 3/4 | 2,644.74 | 3/4 | 2,369.13 | 3/4 | 2,093.38 |
| 11 | | 11 | | 11 | 4,010.58 | 11 | 3,737.81 | 11 | 3,464.11 | 11 | 3,190.22 | 11 | 2,914.61 | 11 | 2,639.00 | 11 | 2,363.39 | 11 | 2,087.63 |
| 1/4 | | 1/4 | | 1/4 | 4,005.02 | 1/4 | 3,732.11 | 1/4 | 3,458.41 | 1/4 | 3,184.48 | 1/4 | 2,908.87 | 1/4 | 2,633.26 | 1/4 | 2,357.65 | 1/4 | 2,081.87 |
| 1/2 | | 1/2 | | 1/2 | 3,999.46 | 1/2 | 3,726.40 | 1/2 | 3,452.71 | 1/2 | 3,178.74 | 1/2 | 2,903.13 | 1/2 | 2,627.51 | 1/2 | 2,351.90 | 1/2 | 2,076.12 |
| 3/4 | | 3/4 | | 3/4 | 3,993.80 | 3/4 | 3,720.70 | 3/4 | 3,447.01 | 3/4 | 3,173.00 | 3/4 | 2,897.38 | 3/4 | 2,621.77 | 3/4 | 2,346.16 | 3/4 | 2,070.37 |

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 32'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "WEB 352"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06"

| 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 | 2,064.62 | 0 | 1,788.50 | 0 | 1,512.39 | 0 | 1,236.27 | 0 | 960.16 | 0 | 684.08 | 0 | 408.36 | 0 | 132.28 | 0 | | | |
| 1/4 | 2,058.87 | 1/4 | 1,782.75 | 1/4 | 1,506.63 | 1/4 | 1,230.52 | 1/4 | 954.40 | 1/4 | 678.34 | 1/4 | 402.61 | 1/4 | 126.54 | 1/4 | | | |
| 1/2 | 2,063.11 | 1/2 | 1,777.00 | 1/2 | 1,500.88 | 1/2 | 1,224.77 | 1/2 | 948.65 | 1/2 | 672.60 | 1/2 | 396.85 | 1/2 | 120.80 | 1/2 | | | |
| 3/4 | 2,047.36 | 3/4 | 1,771.25 | 3/4 | 1,495.13 | 3/4 | 1,219.01 | 3/4 | 942.90 | 3/4 | 666.87 | 3/4 | 391.10 | 3/4 | 115.06 | 3/4 | | | |
| 1 | 2,041.61 | 1 | 1,765.49 | 1 | 1,489.38 | 1 | 1,213.26 | 1 | 937.15 | 1 | 661.13 | 1 | 385.35 | 1 | 109.32 | 1 | | | |
| 1/4 | 2,035.86 | 1/4 | 1,759.74 | 1/4 | 1,483.63 | 1/4 | 1,207.51 | 1/4 | 931.39 | 1/4 | 655.39 | 1/4 | 379.60 | 1/4 | 103.60 | 1/4 | | | |
| 1/2 | 2,030.10 | 1/2 | 1,753.99 | 1/2 | 1,477.87 | 1/2 | 1,201.76 | 1/2 | 925.64 | 1/2 | 649.65 | 1/2 | 373.84 | 1/2 | 97.87 | 1/2 | | | |
| 3/4 | 2,024.35 | 3/4 | 1,748.24 | 3/4 | 1,472.12 | 3/4 | 1,196.01 | 3/4 | 919.89 | 3/4 | 643.91 | 3/4 | 368.09 | 3/4 | 92.16 | 3/4 | | | |
| 2 | 2,018.60 | 2 | 1,742.48 | 2 | 1,466.37 | 2 | 1,190.25 | 2 | 914.14 | 2 | 638.17 | 2 | 362.34 | 2 | 86.42 | 2 | | | |
| 1/4 | 2,012.85 | 1/4 | 1,736.73 | 1/4 | 1,460.62 | 1/4 | 1,184.50 | 1/4 | 908.39 | 1/4 | 632.43 | 1/4 | 356.59 | 1/4 | 80.72 | 1/4 | | | |
| 1/2 | 2,007.09 | 1/2 | 1,730.98 | 1/2 | 1,454.86 | 1/2 | 1,178.75 | 1/2 | 902.63 | 1/2 | 626.69 | 1/2 | 350.84 | 1/2 | 75.01 | 1/2 | | | |
| 3/4 | 2,001.34 | 3/4 | 1,725.23 | 3/4 | 1,449.11 | 3/4 | 1,173.00 | 3/4 | 896.88 | 3/4 | 620.95 | 3/4 | 345.08 | 3/4 | 69.31 | 3/4 | | | |
| 3 | 1,995.59 | 3 | 1,719.47 | 3 | 1,443.36 | 3 | 1,167.24 | 3 | 891.13 | 3 | 615.21 | 3 | 339.33 | 3 | 63.60 | 3 | | | |
| 1/4 | 1,989.84 | 1/4 | 1,713.72 | 1/4 | 1,437.61 | 1/4 | 1,161.49 | 1/4 | 885.38 | 1/4 | 609.48 | 1/4 | 333.58 | 1/4 | 58.09 | 1/4 | | | |
| 1/2 | 1,984.08 | 1/2 | 1,707.97 | 1/2 | 1,431.85 | 1/2 | 1,155.74 | 1/2 | 879.62 | 1/2 | 603.74 | 1/2 | 327.83 | 1/2 | 52.57 | 1/2 | | | |
| 3/4 | 1,978.33 | 3/4 | 1,702.22 | 3/4 | 1,426.10 | 3/4 | 1,149.99 | 3/4 | 873.87 | 3/4 | 598.00 | 3/4 | 322.08 | 3/4 | 47.05 | 3/4 | | | |
| 4 | 1,972.58 | 4 | 1,696.46 | 4 | 1,420.36 | 4 | 1,144.23 | 4 | 868.12 | 4 | 592.26 | 4 | 316.32 | 4 | 41.53 | 4 | | | |
| 1/4 | 1,966.83 | 1/4 | 1,690.71 | 1/4 | 1,414.60 | 1/4 | 1,138.48 | 1/4 | 862.37 | 1/4 | 586.52 | 1/4 | 310.57 | 1/4 | 36.86 | 1/4 | | | |
| 1/2 | 1,961.07 | 1/2 | 1,684.96 | 1/2 | 1,408.84 | 1/2 | 1,132.73 | 1/2 | 856.61 | 1/2 | 580.78 | 1/2 | 304.82 | 1/2 | 32.19 | 1/2 | | | |
| 3/4 | 1,955.32 | 3/4 | 1,679.21 | 3/4 | 1,403.09 | 3/4 | 1,126.98 | 3/4 | 850.86 | 3/4 | 575.04 | 3/4 | 299.07 | 3/4 | 27.52 | 3/4 | | | |
| 5 | 1,949.57 | 5 | 1,673.45 | 5 | 1,397.34 | 5 | 1,121.22 | 5 | 845.11 | 5 | 569.30 | 5 | 293.31 | 5 | 22.86 | 5 | | | |
| 1/4 | 1,943.82 | 1/4 | 1,667.70 | 1/4 | 1,391.59 | 1/4 | 1,115.47 | 1/4 | 839.36 | 1/4 | 563.56 | 1/4 | 287.56 | 1/4 | 19.62 | 1/4 | | | |
| 1/2 | 1,938.06 | 1/2 | 1,661.95 | 1/2 | 1,385.83 | 1/2 | 1,109.72 | 1/2 | 833.60 | 1/2 | 557.82 | 1/2 | 281.81 | 1/2 | 16.38 | 1/2 | | | |
| 3/4 | 1,932.31 | 3/4 | 1,656.20 | 3/4 | 1,380.08 | 3/4 | 1,103.97 | 3/4 | 827.85 | 3/4 | 552.09 | 3/4 | 276.06 | 3/4 | 13.15 | 3/4 | | | |
| 6 | 1,926.56 | 6 | 1,650.44 | 6 | 1,374.33 | 6 | 1,098.21 | 6 | 822.10 | 6 | 546.35 | 6 | 270.31 | 6 | 9.91 | 6 | | | |
| 1/4 | 1,920.81 | 1/4 | 1,644.69 | 1/4 | 1,368.58 | 1/4 | 1,092.46 | 1/4 | 816.35 | 1/4 | 540.61 | 1/4 | 264.55 | 1/4 | | 1/4 | | | |
| 1/2 | 1,915.06 | 1/2 | 1,638.94 | 1/2 | 1,362.82 | 1/2 | 1,086.71 | 1/2 | 810.59 | 1/2 | 534.86 | 1/2 | 258.80 | 1/2 | | 1/2 | | | |
| 3/4 | 1,909.30 | 3/4 | 1,633.19 | 3/4 | 1,357.07 | 3/4 | 1,080.96 | 3/4 | 804.84 | 3/4 | 529.12 | 3/4 | 253.05 | 3/4 | | 3/4 | | | |
| 7 | 1,903.55 | 7 | 1,627.44 | 7 | 1,351.32 | 7 | 1,075.20 | 7 | 799.09 | 7 | 523.38 | 7 | 247.30 | 7 | | 7 | | | |
| 1/4 | 1,897.80 | 1/4 | 1,621.68 | 1/4 | 1,345.57 | 1/4 | 1,069.45 | 1/4 | 793.34 | 1/4 | 517.64 | 1/4 | 241.54 | 1/4 | | 1/4 | | | |
| 1/2 | 1,892.05 | 1/2 | 1,615.93 | 1/2 | 1,339.82 | 1/2 | 1,063.70 | 1/2 | 787.58 | 1/2 | 511.89 | 1/2 | 235.79 | 1/2 | | 1/2 | | | |
| 3/4 | 1,886.29 | 3/4 | 1,610.18 | 3/4 | 1,334.06 | 3/4 | 1,057.95 | 3/4 | 781.83 | 3/4 | 506.14 | 3/4 | 230.04 | 3/4 | | 3/4 | | | |
| 8 | 1,880.54 | 8 | 1,604.43 | 8 | 1,328.31 | 8 | 1,052.20 | 8 | 776.08 | 8 | 500.39 | 8 | 224.29 | 8 | | 8 | | | |
| 1/4 | 1,874.79 | 1/4 | 1,598.67 | 1/4 | 1,322.56 | 1/4 | 1,046.44 | 1/4 | 770.33 | 1/4 | 494.64 | 1/4 | 218.54 | 1/4 | | 1/4 | | | |
| 1/2 | 1,869.04 | 1/2 | 1,592.92 | 1/2 | 1,316.81 | 1/2 | 1,040.69 | 1/2 | 764.58 | 1/2 | 488.89 | 1/2 | 212.78 | 1/2 | | 1/2 | | | |
| 3/4 | 1,863.28 | 3/4 | 1,587.17 | 3/4 | 1,311.05 | 3/4 | 1,034.94 | 3/4 | 758.82 | 3/4 | 483.14 | 3/4 | 207.03 | 3/4 | | 3/4 | | | |
| 9 | 1,857.53 | 9 | 1,581.42 | 9 | 1,305.30 | 9 | 1,029.19 | 9 | 753.07 | 9 | 477.38 | 9 | 201.28 | 9 | | 9 | | | |
| 1/4 | 1,851.78 | 1/4 | 1,575.66 | 1/4 | 1,299.55 | 1/4 | 1,023.43 | 1/4 | 747.32 | 1/4 | 471.63 | 1/4 | 195.53 | 1/4 | | 1/4 | | | |
| 1/2 | 1,846.03 | 1/2 | 1,569.91 | 1/2 | 1,293.80 | 1/2 | 1,017.68 | 1/2 | 741.57 | 1/2 | 465.88 | 1/2 | 189.77 | 1/2 | | 1/2 | | | |
| 3/4 | 1,840.27 | 3/4 | 1,564.16 | 3/4 | 1,288.04 | 3/4 | 1,011.93 | 3/4 | 735.81 | 3/4 | 460.13 | 3/4 | 184.02 | 3/4 | | 3/4 | | | |
| 10 | 1,834.52 | 10 | 1,558.41 | 10 | 1,282.29 | 10 | 1,006.18 | 10 | 730.06 | 10 | 454.38 | 10 | 178.27 | 10 | | 10 | | | |
| 1/4 | 1,828.77 | 1/4 | 1,552.65 | 1/4 | 1,276.54 | 1/4 | 1,000.42 | 1/4 | 724.31 | 1/4 | 448.62 | 1/4 | 172.52 | 1/4 | | 1/4 | | | |
| 1/2 | 1,823.02 | 1/2 | 1,546.90 | 1/2 | 1,270.79 | 1/2 | 994.67 | 1/2 | 718.56 | 1/2 | 442.87 | 1/2 | 166.77 | 1/2 | | 1/2 | | | |
| 3/4 | 1,817.26 | 3/4 | 1,541.15 | 3/4 | 1,265.03 | 3/4 | 988.92 | 3/4 | 712.81 | 3/4 | 437.12 | 3/4 | 161.02 | 3/4 | | 3/4 | | | |
| 11 | 1,811.51 | 11 | 1,535.40 | 11 | 1,259.28 | 11 | 983.17 | 11 | 707.06 | 11 | 431.37 | 11 | 155.27 | 11 | | 11 | | | |
| 1/4 | 1,805.76 | 1/4 | 1,529.64 | 1/4 | 1,253.53 | 1/4 | 977.41 | 1/4 | 701.31 | 1/4 | 425.61 | 1/4 | 149.52 | 1/4 | | 1/4 | | | |
| 1/2 | 1,800.01 | 1/2 | 1,523.89 | 1/2 | 1,247.78 | 1/2 | 971.66 | 1/2 | 695.57 | 1/2 | 419.86 | 1/2 | 143.77 | 1/2 | | 1/2 | | | |
| 3/4 | 1,794.25 | 3/4 | 1,518.14 | 3/4 | 1,242.02 | 3/4 | 965.91 | 3/4 | 689.83 | 3/4 | 414.11 | 3/4 | 138.03 | 3/4 | | 3/4 | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/20/2014 CL
CALCULATED: 10/21/2014 CL
PRINTED: 10/22/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 352"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06"

| 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 | | 0 | 3,976.56 | 0 | 3,703.33 | 0 | 3,429.71 | 0 | 3,155.75 | 0 | 2,880.22 | 0 | 2,604.70 | 0 | 2,329.17 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,970.95 | 1/4 | 3,697.63 | 1/4 | 3,424.01 | 1/4 | 3,150.01 | 1/4 | 2,874.48 | 1/4 | 2,598.96 | 1/4 | 2,323.43 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,965.34 | 1/2 | 3,691.93 | 1/2 | 3,418.31 | 1/2 | 3,144.27 | 1/2 | 2,868.74 | 1/2 | 2,593.22 | 1/2 | 2,317.69 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,959.74 | 3/4 | 3,686.23 | 3/4 | 3,412.61 | 3/4 | 3,138.53 | 3/4 | 2,863.00 | 3/4 | 2,587.48 | 3/4 | 2,311.95 |
| 1 | | 1 | | 1 | | 1 | 3,954.13 | 1 | 3,680.53 | 1 | 3,406.91 | 1 | 3,132.79 | 1 | 2,857.26 | 1 | 2,581.74 | 1 | 2,306.21 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,948.43 | 1/4 | 3,674.83 | 1/4 | 3,401.21 | 1/4 | 3,127.05 | 1/4 | 2,851.52 | 1/4 | 2,576.00 | 1/4 | 2,300.47 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,942.74 | 1/2 | 3,669.13 | 1/2 | 3,395.51 | 1/2 | 3,121.30 | 1/2 | 2,845.78 | 1/2 | 2,570.26 | 1/2 | 2,294.73 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,937.05 | 3/4 | 3,663.43 | 3/4 | 3,389.81 | 3/4 | 3,115.56 | 3/4 | 2,840.04 | 3/4 | 2,564.52 | 3/4 | 2,288.99 |
| 2 | | 2 | | 2 | | 2 | 3,931.36 | 2 | 3,657.73 | 2 | 3,384.11 | 2 | 3,109.82 | 2 | 2,834.30 | 2 | 2,558.78 | 2 | 2,283.25 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,925.66 | 1/4 | 3,652.02 | 1/4 | 3,378.41 | 1/4 | 3,104.08 | 1/4 | 2,828.56 | 1/4 | 2,553.04 | 1/4 | 2,277.51 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,919.95 | 1/2 | 3,646.32 | 1/2 | 3,372.71 | 1/2 | 3,098.34 | 1/2 | 2,822.82 | 1/2 | 2,547.29 | 1/2 | 2,271.77 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,914.25 | 3/4 | 3,640.62 | 3/4 | 3,367.01 | 3/4 | 3,092.60 | 3/4 | 2,817.08 | 3/4 | 2,541.55 | 3/4 | 2,266.03 |
| 3 | | 3 | | 3 | | 3 | 3,908.55 | 3 | 3,634.92 | 3 | 3,361.31 | 3 | 3,086.86 | 3 | 2,811.34 | 3 | 2,535.81 | 3 | 2,260.29 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,902.84 | 1/4 | 3,629.22 | 1/4 | 3,355.61 | 1/4 | 3,081.12 | 1/4 | 2,805.60 | 1/4 | 2,530.07 | 1/4 | 2,254.55 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,897.14 | 1/2 | 3,623.52 | 1/2 | 3,349.91 | 1/2 | 3,075.38 | 1/2 | 2,799.86 | 1/2 | 2,524.33 | 1/2 | 2,248.81 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,891.43 | 3/4 | 3,617.82 | 3/4 | 3,344.21 | 3/4 | 3,069.64 | 3/4 | 2,794.12 | 3/4 | 2,518.59 | 3/4 | 2,243.07 |
| 4 | | 4 | | 4 | | 4 | 3,885.73 | 4 | 3,612.12 | 4 | 3,338.51 | 4 | 3,063.90 | 4 | 2,788.38 | 4 | 2,512.85 | 4 | 2,237.33 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,880.03 | 1/4 | 3,606.42 | 1/4 | 3,332.81 | 1/4 | 3,058.16 | 1/4 | 2,782.64 | 1/4 | 2,507.11 | 1/4 | 2,231.59 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,874.33 | 1/2 | 3,600.72 | 1/2 | 3,327.11 | 1/2 | 3,052.42 | 1/2 | 2,776.90 | 1/2 | 2,501.37 | 1/2 | 2,225.85 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,868.63 | 3/4 | 3,595.02 | 3/4 | 3,321.41 | 3/4 | 3,046.68 | 3/4 | 2,771.16 | 3/4 | 2,495.63 | 3/4 | 2,220.11 |
| 5 | | 5 | | 5 | | 5 | 3,862.94 | 5 | 3,589.32 | 5 | 3,315.71 | 5 | 3,040.94 | 5 | 2,765.42 | 5 | 2,489.89 | 5 | 2,214.37 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,857.24 | 1/4 | 3,583.62 | 1/4 | 3,310.01 | 1/4 | 3,035.20 | 1/4 | 2,759.68 | 1/4 | 2,484.15 | 1/4 | 2,208.63 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,851.54 | 1/2 | 3,577.92 | 1/2 | 3,304.31 | 1/2 | 3,029.46 | 1/2 | 2,753.94 | 1/2 | 2,478.41 | 1/2 | 2,202.89 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,845.84 | 3/4 | 3,572.22 | 3/4 | 3,298.61 | 3/4 | 3,023.72 | 3/4 | 2,748.20 | 3/4 | 2,472.67 | 3/4 | 2,197.15 |
| 6 | | 6 | | 6 | | 6 | 3,840.13 | 6 | 3,566.52 | 6 | 3,292.91 | 6 | 3,017.98 | 6 | 2,742.46 | 6 | 2,466.93 | 6 | 2,191.41 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,834.43 | 1/4 | 3,560.82 | 1/4 | 3,287.21 | 1/4 | 3,012.24 | 1/4 | 2,736.72 | 1/4 | 2,461.19 | 1/4 | 2,185.67 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,828.73 | 1/2 | 3,555.12 | 1/2 | 3,281.51 | 1/2 | 3,006.50 | 1/2 | 2,730.98 | 1/2 | 2,455.45 | 1/2 | 2,179.93 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,823.03 | 3/4 | 3,549.42 | 3/4 | 3,275.81 | 3/4 | 3,000.76 | 3/4 | 2,725.24 | 3/4 | 2,449.71 | 3/4 | 2,174.19 |
| 7 | | 7 | | 7 | 4,066.61 | 7 | 3,817.33 | 7 | 3,543.72 | 7 | 3,270.10 | 7 | 2,995.02 | 7 | 2,719.50 | 7 | 2,443.97 | 7 | 2,168.45 |
| 1/4 | | 1/4 | | 1/4 | 4,062.56 | 1/4 | 3,811.63 | 1/4 | 3,538.02 | 1/4 | 3,264.40 | 1/4 | 2,989.28 | 1/4 | 2,713.76 | 1/4 | 2,438.23 | 1/4 | 2,162.71 |
| 1/2 | | 1/2 | | 1/2 | 4,059.51 | 1/2 | 3,805.93 | 1/2 | 3,532.32 | 1/2 | 3,258.70 | 1/2 | 2,983.54 | 1/2 | 2,708.02 | 1/2 | 2,432.49 | 1/2 | 2,156.97 |
| 3/4 | | 3/4 | | 3/4 | 4,056.47 | 3/4 | 3,800.23 | 3/4 | 3,526.62 | 3/4 | 3,253.00 | 3/4 | 2,977.80 | 3/4 | 2,702.28 | 3/4 | 2,426.75 | 3/4 | 2,151.23 |
| 8 | | 8 | | 8 | 4,053.42 | 8 | 3,794.53 | 8 | 3,520.92 | 8 | 3,247.30 | 8 | 2,972.06 | 8 | 2,696.54 | 8 | 2,421.01 | 8 | 2,145.49 |
| 1/4 | | 1/4 | | 1/4 | 4,049.65 | 1/4 | 3,788.83 | 1/4 | 3,515.22 | 1/4 | 3,241.60 | 1/4 | 2,966.32 | 1/4 | 2,690.80 | 1/4 | 2,415.27 | 1/4 | 2,139.74 |
| 1/2 | | 1/2 | | 1/2 | 4,045.87 | 1/2 | 3,783.13 | 1/2 | 3,509.52 | 1/2 | 3,235.90 | 1/2 | 2,960.58 | 1/2 | 2,685.06 | 1/2 | 2,409.53 | 1/2 | 2,133.99 |
| 3/4 | | 3/4 | | 3/4 | 4,042.10 | 3/4 | 3,777.43 | 3/4 | 3,503.82 | 3/4 | 3,230.20 | 3/4 | 2,954.84 | 3/4 | 2,679.32 | 3/4 | 2,403.79 | 3/4 | 2,128.24 |
| 9 | | 9 | | 9 | 4,038.33 | 9 | 3,771.73 | 9 | 3,498.12 | 9 | 3,224.50 | 9 | 2,949.10 | 9 | 2,673.58 | 9 | 2,398.05 | 9 | 2,122.49 |
| 1/4 | | 1/4 | | 1/4 | 4,033.74 | 1/4 | 3,766.03 | 1/4 | 3,492.42 | 1/4 | 3,218.79 | 1/4 | 2,943.36 | 1/4 | 2,667.84 | 1/4 | 2,392.31 | 1/4 | 2,116.74 |
| 1/2 | | 1/2 | | 1/2 | 4,029.14 | 1/2 | 3,760.33 | 1/2 | 3,486.72 | 1/2 | 3,213.08 | 1/2 | 2,937.62 | 1/2 | 2,662.10 | 1/2 | 2,386.57 | 1/2 | 2,110.98 |
| 3/4 | | 3/4 | | 3/4 | 4,024.55 | 3/4 | 3,754.63 | 3/4 | 3,481.02 | 3/4 | 3,207.38 | 3/4 | 2,931.88 | 3/4 | 2,656.36 | 3/4 | 2,380.83 | 3/4 | 2,105.23 |
| 10 | | 10 | | 10 | 4,019.96 | 10 | 3,748.93 | 10 | 3,475.32 | 10 | 3,201.67 | 10 | 2,926.14 | 10 | 2,650.62 | 10 | 2,375.09 | 10 | 2,099.48 |
| 1/4 | | 1/4 | | 1/4 | 4,014.67 | 1/4 | 3,743.23 | 1/4 | 3,469.62 | 1/4 | 3,195.93 | 1/4 | 2,920.40 | 1/4 | 2,644.88 | 1/4 | 2,369.35 | 1/4 | 2,093.73 |
| 1/2 | | 1/2 | | 1/2 | 4,009.38 | 1/2 | 3,737.53 | 1/2 | 3,463.91 | 1/2 | 3,190.19 | 1/2 | 2,914.66 | 1/2 | 2,639.14 | 1/2 | 2,363.61 | 1/2 | 2,087.98 |
| 3/4 | | 3/4 | | 3/4 | 4,004.09 | 3/4 | 3,731.83 | 3/4 | 3,458.21 | 3/4 | 3,184.45 | 3/4 | 2,908.92 | 3/4 | 2,633.40 | 3/4 | 2,357.87 | 3/4 | 2,082.23 |
| 11 | | 11 | | 11 | 3,998.80 | 11 | 3,726.13 | 11 | 3,452.51 | 11 | 3,178.71 | 11 | 2,903.18 | 11 | 2,627.66 | 11 | 2,352.13 | 11 | 2,076.48 |
| 1/4 | | 1/4 | | 1/4 | 3,993.24 | 1/4 | 3,720.43 | 1/4 | 3,446.81 | 1/4 | 3,172.97 | 1/4 | 2,897.44 | 1/4 | 2,621.92 | 1/4 | 2,346.39 | 1/4 | 2,070.73 |
| 1/2 | | 1/2 | | 1/2 | 3,987.68 | 1/2 | 3,714.73 | 1/2 | 3,441.11 | 1/2 | 3,167.23 | 1/2 | 2,891.70 | 1/2 | 2,616.18 | 1/2 | 2,340.65 | 1/2 | 2,064.98 |
| 3/4 | | 3/4 | | 3/4 | 3,982.12 | 3/4 | 3,709.03 | 3/4 | 3,435.41 | 3/4 | 3,161.49 | 3/4 | 2,885.96 | 3/4 | 2,610.44 | 3/4 | 2,334.91 | 3/4 | 2,059.23 |

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 32'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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The Stearns



BARGE "WEB 352"

2 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-06"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,053.48 | 0 | 1,777.44 | 0 | 1,501.41 | 0 | 1,225.38 | 0 | 949.34 | 0 | 677.60 | 0 | 408.23 | 0 | 132.24 | 0 | | | |
| 1/4 | 2,047.73 | 1/4 | 1,771.69 | 1/4 | 1,495.66 | 1/4 | 1,219.63 | 1/4 | 943.59 | 1/4 | 672.08 | 1/4 | 402.48 | 1/4 | 126.50 | 1/4 | | | |
| 1/2 | 2,041.98 | 1/2 | 1,765.94 | 1/2 | 1,489.91 | 1/2 | 1,213.88 | 1/2 | 937.84 | 1/2 | 666.56 | 1/2 | 396.73 | 1/2 | 120.76 | 1/2 | | | |
| 3/4 | 2,036.23 | 3/4 | 1,760.19 | 3/4 | 1,484.16 | 3/4 | 1,208.12 | 3/4 | 932.09 | 3/4 | 661.04 | 3/4 | 390.98 | 3/4 | 115.03 | 3/4 | | | |
| 1 | 2,030.47 | 1 | 1,754.44 | 1 | 1,478.41 | 1 | 1,202.37 | 1 | 926.34 | 1 | 655.52 | 1 | 385.23 | 1 | 109.29 | 1 | | | |
| 1/4 | 2,024.72 | 1/4 | 1,748.69 | 1/4 | 1,472.66 | 1/4 | 1,196.62 | 1/4 | 920.59 | 1/4 | 650.00 | 1/4 | 379.48 | 1/4 | 103.57 | 1/4 | | | |
| 1/2 | 2,018.97 | 1/2 | 1,742.94 | 1/2 | 1,466.91 | 1/2 | 1,190.87 | 1/2 | 914.84 | 1/2 | 644.47 | 1/2 | 373.73 | 1/2 | 97.84 | 1/2 | | | |
| 3/4 | 2,013.22 | 3/4 | 1,737.19 | 3/4 | 1,461.16 | 3/4 | 1,185.12 | 3/4 | 909.09 | 3/4 | 638.95 | 3/4 | 367.98 | 3/4 | 92.12 | 3/4 | | | |
| 2 | 2,007.47 | 2 | 1,731.44 | 2 | 1,455.40 | 2 | 1,179.37 | 2 | 903.34 | 2 | 633.43 | 2 | 362.23 | 2 | 86.39 | 2 | | | |
| 1/4 | 2,001.72 | 1/4 | 1,725.69 | 1/4 | 1,449.65 | 1/4 | 1,173.62 | 1/4 | 897.59 | 1/4 | 627.91 | 1/4 | 356.48 | 1/4 | 80.69 | 1/4 | | | |
| 1/2 | 1,995.97 | 1/2 | 1,719.94 | 1/2 | 1,443.90 | 1/2 | 1,167.87 | 1/2 | 891.84 | 1/2 | 622.39 | 1/2 | 350.73 | 1/2 | 74.99 | 1/2 | | | |
| 3/4 | 1,990.22 | 3/4 | 1,714.19 | 3/4 | 1,438.15 | 3/4 | 1,162.12 | 3/4 | 886.09 | 3/4 | 616.87 | 3/4 | 344.98 | 3/4 | 69.29 | 3/4 | | | |
| 3 | 1,984.47 | 3 | 1,708.44 | 3 | 1,432.40 | 3 | 1,156.37 | 3 | 880.33 | 3 | 611.35 | 3 | 339.23 | 3 | 63.58 | 3 | | | |
| 1/4 | 1,978.72 | 1/4 | 1,702.68 | 1/4 | 1,426.65 | 1/4 | 1,150.62 | 1/4 | 874.58 | 1/4 | 605.83 | 1/4 | 333.48 | 1/4 | 57.87 | 1/4 | | | |
| 1/2 | 1,972.97 | 1/2 | 1,696.93 | 1/2 | 1,420.90 | 1/2 | 1,144.87 | 1/2 | 868.83 | 1/2 | 600.31 | 1/2 | 327.72 | 1/2 | 52.15 | 1/2 | | | |
| 3/4 | 1,967.22 | 3/4 | 1,691.18 | 3/4 | 1,415.15 | 3/4 | 1,139.12 | 3/4 | 863.08 | 3/4 | 594.78 | 3/4 | 321.97 | 3/4 | 47.04 | 3/4 | | | |
| 4 | 1,961.47 | 4 | 1,685.43 | 4 | 1,409.40 | 4 | 1,133.37 | 4 | 857.33 | 4 | 589.26 | 4 | 316.22 | 4 | 41.52 | 4 | | | |
| 1/4 | 1,955.72 | 1/4 | 1,679.68 | 1/4 | 1,403.65 | 1/4 | 1,127.61 | 1/4 | 851.58 | 1/4 | 583.74 | 1/4 | 310.47 | 1/4 | 36.85 | 1/4 | | | |
| 1/2 | 1,949.96 | 1/2 | 1,673.93 | 1/2 | 1,397.90 | 1/2 | 1,121.86 | 1/2 | 845.83 | 1/2 | 578.22 | 1/2 | 304.72 | 1/2 | 32.18 | 1/2 | | | |
| 3/4 | 1,944.21 | 3/4 | 1,668.18 | 3/4 | 1,392.15 | 3/4 | 1,116.11 | 3/4 | 840.08 | 3/4 | 572.70 | 3/4 | 298.97 | 3/4 | 27.51 | 3/4 | | | |
| 5 | 1,938.46 | 5 | 1,662.43 | 5 | 1,386.40 | 5 | 1,110.36 | 5 | 834.33 | 5 | 567.18 | 5 | 293.22 | 5 | 22.85 | 5 | | | |
| 1/4 | 1,932.71 | 1/4 | 1,656.68 | 1/4 | 1,380.65 | 1/4 | 1,104.61 | 1/4 | 828.58 | 1/4 | 561.66 | 1/4 | 287.47 | 1/4 | 19.61 | 1/4 | | | |
| 1/2 | 1,926.96 | 1/2 | 1,650.93 | 1/2 | 1,374.89 | 1/2 | 1,098.86 | 1/2 | 822.83 | 1/2 | 556.14 | 1/2 | 281.72 | 1/2 | 16.38 | 1/2 | | | |
| 3/4 | 1,921.21 | 3/4 | 1,645.18 | 3/4 | 1,369.14 | 3/4 | 1,093.11 | 3/4 | 817.08 | 3/4 | 550.62 | 3/4 | 275.97 | 3/4 | 13.14 | 3/4 | | | |
| 6 | 1,915.46 | 6 | 1,639.43 | 6 | 1,363.39 | 6 | 1,087.36 | 6 | 811.33 | 6 | 545.09 | 6 | 270.22 | 6 | 9.91 | 6 | | | |
| 1/4 | 1,909.71 | 1/4 | 1,633.68 | 1/4 | 1,357.64 | 1/4 | 1,081.61 | 1/4 | 805.60 | 1/4 | 539.54 | 1/4 | 264.47 | 1/4 | | 1/4 | | | |
| 1/2 | 1,903.96 | 1/2 | 1,627.93 | 1/2 | 1,351.89 | 1/2 | 1,075.86 | 1/2 | 799.88 | 1/2 | 534.00 | 1/2 | 258.72 | 1/2 | | 1/2 | | | |
| 3/4 | 1,898.21 | 3/4 | 1,622.18 | 3/4 | 1,346.14 | 3/4 | 1,070.11 | 3/4 | 794.16 | 3/4 | 528.45 | 3/4 | 252.97 | 3/4 | | 3/4 | | | |
| 7 | 1,892.46 | 7 | 1,616.42 | 7 | 1,340.39 | 7 | 1,064.36 | 7 | 788.44 | 7 | 522.90 | 7 | 247.22 | 7 | | 7 | | | |
| 1/4 | 1,886.71 | 1/4 | 1,610.67 | 1/4 | 1,334.64 | 1/4 | 1,068.61 | 1/4 | 782.83 | 1/4 | 517.23 | 1/4 | 241.47 | 1/4 | | 1/4 | | | |
| 1/2 | 1,880.96 | 1/2 | 1,604.92 | 1/2 | 1,328.89 | 1/2 | 1,062.86 | 1/2 | 777.22 | 1/2 | 511.57 | 1/2 | 235.72 | 1/2 | | 1/2 | | | |
| 3/4 | 1,875.21 | 3/4 | 1,599.17 | 3/4 | 1,323.14 | 3/4 | 1,047.11 | 3/4 | 771.61 | 3/4 | 505.90 | 3/4 | 229.97 | 3/4 | | 3/4 | | | |
| 8 | 1,869.46 | 8 | 1,593.42 | 8 | 1,317.39 | 8 | 1,041.35 | 8 | 766.00 | 8 | 500.24 | 8 | 224.22 | 8 | | 8 | | | |
| 1/4 | 1,863.70 | 1/4 | 1,587.67 | 1/4 | 1,311.64 | 1/4 | 1,035.60 | 1/4 | 760.47 | 1/4 | 494.49 | 1/4 | 218.47 | 1/4 | | 1/4 | | | |
| 1/2 | 1,857.95 | 1/2 | 1,581.92 | 1/2 | 1,305.89 | 1/2 | 1,029.85 | 1/2 | 754.95 | 1/2 | 488.74 | 1/2 | 212.72 | 1/2 | | 1/2 | | | |
| 3/4 | 1,852.20 | 3/4 | 1,576.17 | 3/4 | 1,300.14 | 3/4 | 1,024.10 | 3/4 | 749.42 | 3/4 | 482.99 | 3/4 | 206.97 | 3/4 | | 3/4 | | | |
| 9 | 1,846.45 | 9 | 1,570.42 | 9 | 1,294.39 | 9 | 1,018.35 | 9 | 743.89 | 9 | 477.24 | 9 | 201.22 | 9 | | 9 | | | |
| 1/4 | 1,840.70 | 1/4 | 1,564.67 | 1/4 | 1,288.63 | 1/4 | 1,012.60 | 1/4 | 738.37 | 1/4 | 471.48 | 1/4 | 195.47 | 1/4 | | 1/4 | | | |
| 1/2 | 1,834.95 | 1/2 | 1,558.92 | 1/2 | 1,282.88 | 1/2 | 1,006.85 | 1/2 | 732.84 | 1/2 | 465.73 | 1/2 | 189.72 | 1/2 | | 1/2 | | | |
| 3/4 | 1,829.20 | 3/4 | 1,553.17 | 3/4 | 1,277.13 | 3/4 | 1,001.10 | 3/4 | 727.32 | 3/4 | 459.98 | 3/4 | 183.96 | 3/4 | | 3/4 | | | |
| 10 | 1,823.45 | 10 | 1,547.42 | 10 | 1,271.38 | 10 | 995.35 | 10 | 721.79 | 10 | 454.23 | 10 | 178.21 | 10 | | 10 | | | |
| 1/4 | 1,817.70 | 1/4 | 1,541.67 | 1/4 | 1,265.63 | 1/4 | 989.60 | 1/4 | 716.27 | 1/4 | 448.48 | 1/4 | 172.47 | 1/4 | | 1/4 | | | |
| 1/2 | 1,811.95 | 1/2 | 1,535.91 | 1/2 | 1,259.88 | 1/2 | 983.85 | 1/2 | 710.74 | 1/2 | 442.73 | 1/2 | 166.72 | 1/2 | | 1/2 | | | |
| 3/4 | 1,806.20 | 3/4 | 1,530.16 | 3/4 | 1,254.13 | 3/4 | 978.10 | 3/4 | 705.22 | 3/4 | 436.98 | 3/4 | 160.97 | 3/4 | | 3/4 | | | |
| 11 | 1,800.45 | 11 | 1,524.41 | 11 | 1,248.38 | 11 | 972.35 | 11 | 699.69 | 11 | 431.23 | 11 | 155.22 | 11 | | 11 | | | |
| 1/4 | 1,794.70 | 1/4 | 1,518.66 | 1/4 | 1,242.63 | 1/4 | 966.60 | 1/4 | 694.17 | 1/4 | 425.48 | 1/4 | 149.47 | 1/4 | | 1/4 | | | |
| 1/2 | 1,788.95 | 1/2 | 1,512.91 | 1/2 | 1,236.88 | 1/2 | 960.84 | 1/2 | 688.65 | 1/2 | 419.73 | 1/2 | 143.73 | 1/2 | | 1/2 | | | |
| 3/4 | 1,783.19 | 3/4 | 1,507.16 | 3/4 | 1,231.13 | 3/4 | 955.09 | 3/4 | 683.12 | 3/4 | 413.98 | 3/4 | 137.98 | 3/4 | | 3/4 | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 10/21/2014 CL
PRINTED: 10/22/2014 CL

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 352"

1 CENTER ULLAGE TABLE

GAUGE HEIGHT 17'-10 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,698.56 | 0 | 3,203.24 | 0 | 2,707.91 | 0 | 2,212.59 | 0 | 1,717.26 | 0 | 1,222.03 | 0 | 728.14 | 0 | 289.89 | 0 | | 0 | |
| 1/4 | 3,688.25 | 1/4 | 3,192.92 | 1/4 | 2,697.59 | 1/4 | 2,202.27 | 1/4 | 1,706.94 | 1/4 | 1,211.73 | 1/4 | 718.05 | 1/4 | 281.81 | 1/4 | | 1/4 | |
| 1/2 | 3,677.93 | 1/2 | 3,182.60 | 1/2 | 2,687.27 | 1/2 | 2,191.95 | 1/2 | 1,696.62 | 1/2 | 1,201.43 | 1/2 | 707.97 | 1/2 | 273.72 | 1/2 | | 1/2 | |
| 3/4 | 3,667.61 | 3/4 | 3,172.28 | 3/4 | 2,676.95 | 3/4 | 2,181.63 | 3/4 | 1,686.30 | 3/4 | 1,191.14 | 3/4 | 697.88 | 3/4 | 265.63 | 3/4 | | 3/4 | |
| 1 | 3,657.29 | 1 | 3,161.96 | 1 | 2,666.63 | 1 | 2,171.31 | 1 | 1,675.98 | 1 | 1,180.84 | 1 | 687.95 | 1 | 257.71 | 1 | | 1 | |
| 1/4 | 3,646.97 | 1/4 | 3,151.64 | 1/4 | 2,656.32 | 1/4 | 2,160.99 | 1/4 | 1,665.66 | 1/4 | 1,170.54 | 1/4 | 678.03 | 1/4 | 249.79 | 1/4 | | 1/4 | |
| 1/2 | 3,636.65 | 1/2 | 3,141.32 | 1/2 | 2,646.00 | 1/2 | 2,150.67 | 1/2 | 1,655.34 | 1/2 | 1,160.24 | 1/2 | 668.11 | 1/2 | 241.87 | 1/2 | | 1/2 | |
| 3/4 | 3,626.33 | 3/4 | 3,131.00 | 3/4 | 2,635.68 | 3/4 | 2,140.35 | 3/4 | 1,645.02 | 3/4 | 1,149.94 | 3/4 | 658.19 | 3/4 | 233.95 | 3/4 | | 3/4 | |
| 2 | 3,616.01 | 2 | 3,120.68 | 2 | 2,625.36 | 2 | 2,130.03 | 2 | 1,634.70 | 2 | 1,139.64 | 2 | 648.43 | 2 | 226.20 | 2 | | 2 | |
| 1/4 | 3,605.69 | 1/4 | 3,110.36 | 1/4 | 2,615.04 | 1/4 | 2,119.71 | 1/4 | 1,624.39 | 1/4 | 1,129.35 | 1/4 | 638.67 | 1/4 | 218.45 | 1/4 | | 1/4 | |
| 1/2 | 3,595.37 | 1/2 | 3,100.05 | 1/2 | 2,604.72 | 1/2 | 2,109.39 | 1/2 | 1,614.07 | 1/2 | 1,119.05 | 1/2 | 628.92 | 1/2 | 210.71 | 1/2 | | 1/2 | |
| 3/4 | 3,585.05 | 3/4 | 3,089.73 | 3/4 | 2,594.40 | 3/4 | 2,099.07 | 3/4 | 1,603.75 | 3/4 | 1,108.75 | 3/4 | 619.16 | 3/4 | 202.96 | 3/4 | | 3/4 | |
| 3 | 3,574.73 | 3 | 3,079.41 | 3 | 2,584.08 | 3 | 2,088.75 | 3 | 1,593.43 | 3 | 1,098.45 | 3 | 609.57 | 3 | 195.39 | 3 | | 3 | |
| 1/4 | 3,564.41 | 1/4 | 3,069.09 | 1/4 | 2,573.76 | 1/4 | 2,078.43 | 1/4 | 1,583.11 | 1/4 | 1,088.15 | 1/4 | 599.98 | 1/4 | 187.82 | 1/4 | | 1/4 | |
| 1/2 | 3,554.09 | 1/2 | 3,058.77 | 1/2 | 2,563.44 | 1/2 | 2,068.12 | 1/2 | 1,572.79 | 1/2 | 1,077.85 | 1/2 | 590.39 | 1/2 | 180.25 | 1/2 | | 1/2 | |
| 3/4 | 3,543.78 | 3/4 | 3,048.45 | 3/4 | 2,553.12 | 3/4 | 2,057.80 | 3/4 | 1,562.47 | 3/4 | 1,067.56 | 3/4 | 580.81 | 3/4 | 172.68 | 3/4 | | 3/4 | |
| 4 | 3,533.46 | 4 | 3,038.13 | 4 | 2,542.80 | 4 | 2,047.48 | 4 | 1,552.15 | 4 | 1,057.26 | 4 | 571.38 | 4 | 165.30 | 4 | | 4 | |
| 1/4 | 3,523.14 | 1/4 | 3,027.81 | 1/4 | 2,532.48 | 1/4 | 2,037.16 | 1/4 | 1,541.83 | 1/4 | 1,046.96 | 1/4 | 561.96 | 1/4 | 167.91 | 1/4 | | 1/4 | |
| 1/2 | 3,512.82 | 1/2 | 3,017.49 | 1/2 | 2,522.16 | 1/2 | 2,026.84 | 1/2 | 1,531.51 | 1/2 | 1,036.66 | 1/2 | 552.54 | 1/2 | 160.53 | 1/2 | | 1/2 | |
| 3/4 | 3,502.50 | 3/4 | 3,007.17 | 3/4 | 2,511.85 | 3/4 | 2,016.52 | 3/4 | 1,521.19 | 3/4 | 1,026.36 | 3/4 | 543.12 | 3/4 | 143.15 | 3/4 | | 3/4 | |
| 5 | 3,492.18 | 5 | 2,996.85 | 5 | 2,501.53 | 5 | 2,006.20 | 5 | 1,510.87 | 5 | 1,016.07 | 5 | 533.86 | 5 | 135.96 | 5 | | 5 | |
| 1/4 | 3,481.86 | 1/4 | 2,986.53 | 1/4 | 2,491.21 | 1/4 | 1,995.88 | 1/4 | 1,500.55 | 1/4 | 1,005.77 | 1/4 | 524.61 | 1/4 | 128.78 | 1/4 | | 1/4 | |
| 1/2 | 3,471.54 | 1/2 | 2,976.21 | 1/2 | 2,480.89 | 1/2 | 1,985.56 | 1/2 | 1,490.23 | 1/2 | 995.47 | 1/2 | 515.35 | 1/2 | 121.59 | 1/2 | | 1/2 | |
| 3/4 | 3,461.22 | 3/4 | 2,965.89 | 3/4 | 2,470.57 | 3/4 | 1,975.24 | 3/4 | 1,479.92 | 3/4 | 985.17 | 3/4 | 506.10 | 3/4 | 114.41 | 3/4 | | 3/4 | |
| 6 | 3,450.90 | 6 | 2,955.58 | 6 | 2,460.25 | 6 | 1,964.92 | 6 | 1,469.60 | 6 | 974.87 | 6 | 497.01 | 6 | 107.44 | 6 | | 6 | |
| 1/4 | 3,440.58 | 1/4 | 2,945.26 | 1/4 | 2,449.93 | 1/4 | 1,954.60 | 1/4 | 1,459.28 | 1/4 | 964.57 | 1/4 | 487.92 | 1/4 | 100.48 | 1/4 | | 1/4 | |
| 1/2 | 3,430.26 | 1/2 | 2,934.94 | 1/2 | 2,439.61 | 1/2 | 1,944.28 | 1/2 | 1,448.96 | 1/2 | 954.28 | 1/2 | 478.83 | 1/2 | 93.51 | 1/2 | | 1/2 | |
| 3/4 | 3,419.94 | 3/4 | 2,924.62 | 3/4 | 2,429.29 | 3/4 | 1,933.96 | 3/4 | 1,438.64 | 3/4 | 943.98 | 3/4 | 469.74 | 3/4 | 86.55 | 3/4 | | 3/4 | |
| 7 | 3,409.62 | 7 | 2,914.30 | 7 | 2,418.97 | 7 | 1,923.65 | 7 | 1,428.32 | 7 | 933.68 | 7 | 460.82 | 7 | 77.79 | 7 | | 7 | |
| 1/4 | 3,399.30 | 1/4 | 2,903.98 | 1/4 | 2,408.65 | 1/4 | 1,913.33 | 1/4 | 1,418.00 | 1/4 | 923.38 | 1/4 | 451.90 | 1/4 | 69.02 | 1/4 | | 1/4 | |
| 1/2 | 3,388.99 | 1/2 | 2,893.66 | 1/2 | 2,398.33 | 1/2 | 1,903.01 | 1/2 | 1,407.68 | 1/2 | 913.08 | 1/2 | 442.98 | 1/2 | 60.26 | 1/2 | | 1/2 | |
| 3/4 | 3,378.67 | 3/4 | 2,883.34 | 3/4 | 2,388.01 | 3/4 | 1,892.69 | 3/4 | 1,397.36 | 3/4 | 902.79 | 3/4 | 434.05 | 3/4 | 51.50 | 3/4 | | 3/4 | |
| 8 | 3,368.35 | 8 | 2,873.02 | 8 | 2,377.69 | 8 | 1,882.37 | 8 | 1,387.04 | 8 | 892.49 | 8 | 425.30 | 8 | 44.73 | 8 | | 8 | |
| 1/4 | 3,358.03 | 1/4 | 2,862.70 | 1/4 | 2,367.37 | 1/4 | 1,872.05 | 1/4 | 1,376.72 | 1/4 | 882.19 | 1/4 | 416.54 | 1/4 | 37.96 | 1/4 | | 1/4 | |
| 1/2 | 3,347.71 | 1/2 | 2,852.38 | 1/2 | 2,357.06 | 1/2 | 1,861.73 | 1/2 | 1,366.40 | 1/2 | 871.89 | 1/2 | 407.79 | 1/2 | 31.19 | 1/2 | | 1/2 | |
| 3/4 | 3,337.39 | 3/4 | 2,842.06 | 3/4 | 2,346.74 | 3/4 | 1,851.41 | 3/4 | 1,356.08 | 3/4 | 861.59 | 3/4 | 399.04 | 3/4 | 24.42 | 3/4 | | 3/4 | |
| 9 | 3,327.07 | 9 | 2,831.74 | 9 | 2,336.42 | 9 | 1,841.09 | 9 | 1,345.76 | 9 | 851.29 | 9 | 390.45 | 9 | 20.23 | 9 | | 9 | |
| 1/4 | 3,316.75 | 1/4 | 2,821.42 | 1/4 | 2,326.10 | 1/4 | 1,830.77 | 1/4 | 1,335.44 | 1/4 | 841.00 | 1/4 | 381.86 | 1/4 | 16.04 | 1/4 | | 1/4 | |
| 1/2 | 3,306.43 | 1/2 | 2,811.10 | 1/2 | 2,315.78 | 1/2 | 1,820.45 | 1/2 | 1,325.13 | 1/2 | 830.70 | 1/2 | 373.27 | 1/2 | 11.85 | 1/2 | | 1/2 | |
| 3/4 | 3,296.11 | 3/4 | 2,800.79 | 3/4 | 2,305.46 | 3/4 | 1,810.13 | 3/4 | 1,314.81 | 3/4 | 820.40 | 3/4 | 364.68 | 3/4 | 7.65 | 3/4 | | 3/4 | |
| 10 | 3,285.79 | 10 | 2,790.47 | 10 | 2,295.14 | 10 | 1,799.81 | 10 | 1,304.49 | 10 | 810.10 | 10 | 356.26 | 10 | 6.04 | 10 | | 10 | |
| 1/4 | 3,275.47 | 1/4 | 2,780.15 | 1/4 | 2,284.82 | 1/4 | 1,789.49 | 1/4 | 1,294.17 | 1/4 | 799.80 | 1/4 | 347.84 | 1/4 | 4.43 | 1/4 | | 1/4 | |
| 1/2 | 3,265.15 | 1/2 | 2,769.83 | 1/2 | 2,274.50 | 1/2 | 1,779.17 | 1/2 | 1,283.85 | 1/2 | 789.51 | 1/2 | 339.42 | 1/2 | 2.82 | 1/2 | | 1/2 | |
| 3/4 | 3,254.83 | 3/4 | 2,759.51 | 3/4 | 2,264.18 | 3/4 | 1,768.86 | 3/4 | 1,273.53 | 3/4 | 779.21 | 3/4 | 331.00 | 3/4 | 1.20 | 3/4 | | 3/4 | |
| 11 | 3,244.52 | 11 | 2,749.19 | 11 | 2,253.86 | 11 | 1,758.54 | 11 | 1,263.23 | 11 | 768.96 | 11 | 322.74 | 11 | 0.00 | 11 | | 11 | |
| 1/4 | 3,234.20 | 1/4 | 2,738.87 | 1/4 | 2,243.54 | 1/4 | 1,748.22 | 1/4 | 1,252.93 | 1/4 | 758.72 | 1/4 | 314.49 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,223.88 | 1/2 | 2,728.55 | 1/2 | 2,233.22 | 1/2 | 1,737.90 | 1/2 | 1,242.63 | 1/2 | 748.48 | 1/2 | 306.24 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,213.56 | 3/4 | 2,718.23 | 3/4 | 2,222.90 | 3/4 | 1,727.58 | 3/4 | 1,232.33 | 3/4 | 738.23 | 3/4 | 297.98 | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/20/2014 CL
CALCULATED: 10/21/2014 CL
PRINTED: 10/22/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

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