



BARGE "KIRBY 30044B"

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 PORT | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-5/8 | - 00-5/8 | 00-7/8 | - 00-7/8 | 01-0/8 | - 01-0/8 | 01-1/4 | - 01-1/4 |
| 1 STBD | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-5/8 | - 00-5/8 | 00-7/8 | - 00-7/8 | 01-0/8 | - 01-0/8 | 01-1/4 | - 01-1/4 |
| 2 PORT | 00-1/4 | - 00-1/4 | 00-1/2 | - 00-1/2 | 00-5/8 | - 00-5/8 | 00-7/8 | - 00-7/8 | 01-1/8 | - 01-1/8 | 01-3/8 | - 01-3/8 |
| 2 STBD | 00-1/4 | - 00-1/4 | 00-1/2 | - 00-1/2 | 00-5/8 | - 00-5/8 | 00-7/8 | - 00-7/8 | 01-1/8 | - 01-1/8 | 01-3/8 | - 01-3/8 |
| 3 PORT | 00-1/2 | - 00-1/2 | 01-0/8 | - 01-0/8 | 01-1/2 | - 01-1/2 | 02-0/8 | - 02-0/8 | 02-5/8 | - 02-5/8 | 03-1/8 | - 03-1/8 |
| 3 STBD | 00-1/2 | - 00-1/2 | 01-0/8 | - 01-0/8 | 01-1/2 | - 01-1/2 | 02-0/8 | - 02-0/8 | 02-5/8 | - 02-5/8 | 03-1/8 | - 03-1/8 |

(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 2 PORT IS - 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 285'-06"

June 1, 2023

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

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BARGE "KIRBY 30044B"

1 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-03" FORWARD OF AFT BULKHEAD.

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BARGE "KIRBY 30044B"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | 15 FT. | | 16 FT. | | 17 FT. | | 18 FT. | | 19 FT. | |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|-----|--------|--|--------|-----|
| 0 | 2,628.64 | 0 | 2,232.83 | 0 | 1,837.03 | 0 | 1,441.80 | 0 | 1,046.69 | 0 | 650.90 | 0 | 255.28 | 0 | | 0 | | | |
| 1/4 | 2,620.40 | 1/4 | 2,224.59 | 1/4 | 1,828.78 | 1/4 | 1,433.57 | 1/4 | 1,038.45 | 1/4 | 642.65 | 1/4 | 247.05 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,612.15 | 1/2 | 2,216.34 | 1/2 | 1,820.53 | 1/2 | 1,425.35 | 1/2 | 1,030.20 | 1/2 | 634.41 | 1/2 | 238.82 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,603.90 | 3/4 | 2,208.10 | 3/4 | 1,812.29 | 3/4 | 1,417.13 | 3/4 | 1,021.96 | 3/4 | 626.16 | 3/4 | 230.59 | 3/4 | 3/4 | | | | 3/4 |
| 1 | 2,595.66 | 1 | 2,199.85 | 1 | 1,804.04 | 1 | 1,408.90 | 1 | 1,013.71 | 1 | 617.92 | 1 | 222.36 | 1 | 1 | | | | 1 |
| 1/4 | 2,587.41 | 1/4 | 2,191.60 | 1/4 | 1,795.80 | 1/4 | 1,400.68 | 1/4 | 1,005.46 | 1/4 | 609.67 | 1/4 | 214.13 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,579.17 | 1/2 | 2,183.36 | 1/2 | 1,787.55 | 1/2 | 1,392.46 | 1/2 | 997.22 | 1/2 | 601.43 | 1/2 | 205.90 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,570.92 | 3/4 | 2,175.11 | 3/4 | 1,779.30 | 3/4 | 1,384.23 | 3/4 | 988.97 | 3/4 | 593.18 | 3/4 | 197.68 | 3/4 | 3/4 | | | | 3/4 |
| 2 | 2,562.67 | 2 | 2,166.87 | 2 | 1,771.06 | 2 | 1,376.01 | 2 | 980.73 | 2 | 584.93 | 2 | 189.46 | 2 | 2 | | | | 2 |
| 1/4 | 2,554.43 | 1/4 | 2,158.62 | 1/4 | 1,762.81 | 1/4 | 1,367.79 | 1/4 | 972.48 | 1/4 | 576.69 | 1/4 | 181.24 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,546.18 | 1/2 | 2,150.37 | 1/2 | 1,754.57 | 1/2 | 1,359.57 | 1/2 | 964.24 | 1/2 | 568.44 | 1/2 | 173.02 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,537.94 | 3/4 | 2,142.13 | 3/4 | 1,746.32 | 3/4 | 1,351.34 | 3/4 | 955.99 | 3/4 | 560.20 | 3/4 | 164.81 | 3/4 | 3/4 | | | | 3/4 |
| 3 | 2,529.69 | 3 | 2,133.88 | 3 | 1,738.07 | 3 | 1,343.12 | 3 | 947.74 | 3 | 551.95 | 3 | 156.61 | 3 | 3 | | | | 3 |
| 1/4 | 2,521.44 | 1/4 | 2,125.64 | 1/4 | 1,729.83 | 1/4 | 1,334.90 | 1/4 | 939.50 | 1/4 | 543.71 | 1/4 | 148.40 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,513.20 | 1/2 | 2,117.39 | 1/2 | 1,721.58 | 1/2 | 1,326.67 | 1/2 | 931.25 | 1/2 | 535.46 | 1/2 | 140.20 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,504.95 | 3/4 | 2,109.14 | 3/4 | 1,713.34 | 3/4 | 1,318.45 | 3/4 | 923.01 | 3/4 | 527.21 | 3/4 | 132.00 | 3/4 | 3/4 | | | | 3/4 |
| 4 | 2,496.71 | 4 | 2,100.90 | 4 | 1,705.09 | 4 | 1,310.23 | 4 | 914.76 | 4 | 518.97 | 4 | 123.81 | 4 | 4 | | | | 4 |
| 1/4 | 2,488.46 | 1/4 | 2,092.65 | 1/4 | 1,696.84 | 1/4 | 1,302.02 | 1/4 | 906.52 | 1/4 | 510.72 | 1/4 | 115.62 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,480.21 | 1/2 | 2,084.41 | 1/2 | 1,688.60 | 1/2 | 1,293.80 | 1/2 | 898.27 | 1/2 | 502.48 | 1/2 | 107.44 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,471.97 | 3/4 | 2,076.16 | 3/4 | 1,680.35 | 3/4 | 1,285.58 | 3/4 | 890.02 | 3/4 | 494.23 | 3/4 | 99.25 | 3/4 | 3/4 | | | | 3/4 |
| 5 | 2,463.72 | 5 | 2,067.91 | 5 | 1,672.11 | 5 | 1,277.36 | 5 | 881.78 | 5 | 485.99 | 5 | 91.10 | 5 | 5 | | | | 5 |
| 1/4 | 2,455.48 | 1/4 | 2,059.67 | 1/4 | 1,663.86 | 1/4 | 1,269.15 | 1/4 | 873.53 | 1/4 | 477.74 | 1/4 | 82.96 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,447.23 | 1/2 | 2,051.42 | 1/2 | 1,655.61 | 1/2 | 1,260.93 | 1/2 | 865.29 | 1/2 | 469.49 | 1/2 | 74.82 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,438.98 | 3/4 | 2,043.18 | 3/4 | 1,647.37 | 3/4 | 1,252.71 | 3/4 | 857.04 | 3/4 | 461.25 | 3/4 | 66.68 | 3/4 | 3/4 | | | | 3/4 |
| 6 | 2,430.74 | 6 | 2,034.93 | 6 | 1,639.14 | 6 | 1,244.47 | 6 | 848.80 | 6 | 453.00 | 6 | 59.47 | 6 | 6 | | | | 6 |
| 1/4 | 2,422.49 | 1/4 | 2,026.68 | 1/4 | 1,630.92 | 1/4 | 1,236.23 | 1/4 | 840.55 | 1/4 | 444.76 | 1/4 | 52.26 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,414.25 | 1/2 | 2,018.44 | 1/2 | 1,622.70 | 1/2 | 1,227.99 | 1/2 | 832.30 | 1/2 | 436.51 | 1/2 | 45.05 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,406.00 | 3/4 | 2,010.19 | 3/4 | 1,614.48 | 3/4 | 1,219.75 | 3/4 | 824.06 | 3/4 | 428.27 | 3/4 | 37.84 | 3/4 | 3/4 | | | | 3/4 |
| 7 | 2,397.75 | 7 | 2,001.95 | 7 | 1,606.25 | 7 | 1,211.51 | 7 | 815.81 | 7 | 420.02 | 7 | 32.68 | 7 | 7 | | | | 7 |
| 1/4 | 2,389.51 | 1/4 | 1,993.70 | 1/4 | 1,598.03 | 1/4 | 1,203.27 | 1/4 | 807.57 | 1/4 | 411.77 | 1/4 | 27.53 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,381.26 | 1/2 | 1,985.45 | 1/2 | 1,589.81 | 1/2 | 1,195.03 | 1/2 | 799.32 | 1/2 | 403.53 | 1/2 | 22.38 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,373.02 | 3/4 | 1,977.21 | 3/4 | 1,581.58 | 3/4 | 1,186.79 | 3/4 | 791.08 | 3/4 | 395.28 | 3/4 | 17.22 | 3/4 | 3/4 | | | | 3/4 |
| 8 | 2,364.77 | 8 | 1,968.96 | 8 | 1,573.36 | 8 | 1,178.55 | 8 | 782.83 | 8 | 387.04 | 8 | | 8 | 8 | | | | 8 |
| 1/4 | 2,356.52 | 1/4 | 1,960.72 | 1/4 | 1,565.14 | 1/4 | 1,170.31 | 1/4 | 774.58 | 1/4 | 378.79 | 1/4 | | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,348.28 | 1/2 | 1,952.47 | 1/2 | 1,556.92 | 1/2 | 1,162.07 | 1/2 | 766.34 | 1/2 | 370.55 | 1/2 | | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,340.03 | 3/4 | 1,944.22 | 3/4 | 1,548.69 | 3/4 | 1,153.82 | 3/4 | 758.09 | 3/4 | 362.30 | 3/4 | | 3/4 | 3/4 | | | | 3/4 |
| 9 | 2,331.79 | 9 | 1,935.98 | 9 | 1,540.47 | 9 | 1,145.58 | 9 | 749.85 | 9 | 354.07 | 9 | | 9 | 9 | | | | 9 |
| 1/4 | 2,323.54 | 1/4 | 1,927.73 | 1/4 | 1,532.25 | 1/4 | 1,137.34 | 1/4 | 741.60 | 1/4 | 345.84 | 1/4 | | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,315.29 | 1/2 | 1,919.49 | 1/2 | 1,524.02 | 1/2 | 1,129.10 | 1/2 | 733.36 | 1/2 | 337.60 | 1/2 | | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,307.05 | 3/4 | 1,911.24 | 3/4 | 1,515.80 | 3/4 | 1,120.86 | 3/4 | 725.11 | 3/4 | 329.37 | 3/4 | | 3/4 | 3/4 | | | | 3/4 |
| 10 | 2,298.80 | 10 | 1,902.99 | 10 | 1,507.58 | 10 | 1,112.62 | 10 | 716.87 | 10 | 321.14 | 10 | | 10 | 10 | | | | 10 |
| 1/4 | 2,290.56 | 1/4 | 1,894.75 | 1/4 | 1,499.36 | 1/4 | 1,104.38 | 1/4 | 708.62 | 1/4 | 312.91 | 1/4 | | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,282.31 | 1/2 | 1,886.50 | 1/2 | 1,491.13 | 1/2 | 1,096.14 | 1/2 | 700.37 | 1/2 | 304.67 | 1/2 | | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,274.06 | 3/4 | 1,878.26 | 3/4 | 1,482.91 | 3/4 | 1,087.90 | 3/4 | 692.13 | 3/4 | 296.44 | 3/4 | | 3/4 | 3/4 | | | | 3/4 |
| 11 | 2,265.82 | 11 | 1,870.01 | 11 | 1,474.69 | 11 | 1,079.66 | 11 | 683.88 | 11 | 288.21 | 11 | | 11 | 11 | | | | 11 |
| 1/4 | 2,257.57 | 1/4 | 1,861.76 | 1/4 | 1,466.46 | 1/4 | 1,071.42 | 1/4 | 675.64 | 1/4 | 279.98 | 1/4 | | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,249.33 | 1/2 | 1,853.52 | 1/2 | 1,458.24 | 1/2 | 1,063.18 | 1/2 | 667.39 | 1/2 | 271.75 | 1/2 | | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,241.08 | 3/4 | 1,845.27 | 3/4 | 1,450.02 | 3/4 | 1,054.94 | 3/4 | 659.15 | 3/4 | 263.51 | 3/4 | | 3/4 | 3/4 | | | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
RECALCULATED: 04/29/2013 CL
VERIFIED: 06/01/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30044B"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|-----|-------|-----|-------|----------|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 |
| | | | | | | | | 4,988.27 | | 4,618.17 | | 4,228.45 | | 3,832.89 | | 3,437.33 | | 3,041.73 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,980.78 | 1/4 | 4,610.26 | 1/4 | 4,220.21 | 1/4 | 3,824.65 | 1/4 | 3,429.09 | 1/4 | 3,033.49 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,973.25 | 1/2 | 4,602.31 | 1/2 | 4,211.97 | 1/2 | 3,816.41 | 1/2 | 3,420.85 | 1/2 | 3,025.24 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,310.00 | 4,965.73 | 3/4 | 4,594.36 | 3/4 | 4,203.73 | 3/4 | 3,808.17 | 3/4 | 3,412.60 | 3/4 | 3,017.00 | |
| 1 | | 1 | | 1 | | 1 | 5,305.20 | 4,958.20 | 1 | 4,586.41 | 1 | 4,195.49 | 1 | 3,799.93 | 1 | 3,404.36 | 1 | 3,008.75 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,300.39 | 4,950.67 | 1/4 | 4,578.47 | 1/4 | 4,187.25 | 1/4 | 3,791.69 | 1/4 | 3,396.12 | 1/4 | 3,000.51 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,294.20 | 4,943.11 | 1/2 | 4,570.49 | 1/2 | 4,179.01 | 1/2 | 3,783.44 | 1/2 | 3,387.88 | 1/2 | 2,992.26 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,288.02 | 4,935.55 | 3/4 | 4,562.50 | 3/4 | 4,170.77 | 3/4 | 3,775.20 | 3/4 | 3,379.64 | 3/4 | 2,984.02 | |
| 2 | | 2 | | 2 | | 2 | 5,281.84 | 4,927.99 | 2 | 4,554.52 | 2 | 4,162.53 | 2 | 3,766.96 | 2 | 3,371.40 | 2 | 2,975.77 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,275.65 | 4,920.43 | 1/4 | 4,546.54 | 1/4 | 4,154.29 | 1/4 | 3,758.72 | 1/4 | 3,363.16 | 1/4 | 2,967.53 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,268.09 | 4,912.83 | 1/2 | 4,538.52 | 1/2 | 4,146.04 | 1/2 | 3,750.48 | 1/2 | 3,354.92 | 1/2 | 2,959.28 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,260.54 | 4,905.24 | 3/4 | 4,530.50 | 3/4 | 4,137.80 | 3/4 | 3,742.24 | 3/4 | 3,346.68 | 3/4 | 2,951.03 | |
| 3 | | 3 | | 3 | | 3 | 5,252.98 | 4,897.64 | 3 | 4,522.49 | 3 | 4,129.56 | 3 | 3,734.00 | 3 | 3,338.44 | 3 | 2,942.79 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,245.42 | 4,890.04 | 1/4 | 4,514.47 | 1/4 | 4,121.32 | 1/4 | 3,725.76 | 1/4 | 3,330.20 | 1/4 | 2,934.54 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,238.21 | 4,882.41 | 1/2 | 4,506.42 | 1/2 | 4,113.08 | 1/2 | 3,717.52 | 1/2 | 3,321.95 | 1/2 | 2,926.30 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,231.00 | 4,874.78 | 3/4 | 4,498.36 | 3/4 | 4,104.84 | 3/4 | 3,709.28 | 3/4 | 3,313.71 | 3/4 | 2,918.05 | |
| 4 | | 4 | | 4 | | 4 | 5,223.79 | 4,867.15 | 4 | 4,490.31 | 4 | 4,096.60 | 4 | 3,701.04 | 4 | 3,305.47 | 4 | 2,909.81 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,216.58 | 4,859.52 | 1/4 | 4,482.26 | 1/4 | 4,088.36 | 1/4 | 3,692.79 | 1/4 | 3,297.23 | 1/4 | 2,901.56 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,209.33 | 4,851.85 | 1/2 | 4,474.17 | 1/2 | 4,080.12 | 1/2 | 3,684.55 | 1/2 | 3,288.99 | 1/2 | 2,893.32 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,202.08 | 4,844.18 | 3/4 | 4,466.08 | 3/4 | 4,071.88 | 3/4 | 3,676.31 | 3/4 | 3,280.75 | 3/4 | 2,885.07 | |
| 5 | | 5 | | 5 | | 5 | 5,194.84 | 4,836.52 | 5 | 4,458.00 | 5 | 4,063.64 | 5 | 3,668.07 | 5 | 3,272.51 | 5 | 2,876.83 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,187.59 | 4,828.85 | 1/4 | 4,449.91 | 1/4 | 4,055.39 | 1/4 | 3,659.83 | 1/4 | 3,264.27 | 1/4 | 2,868.58 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,180.31 | 4,821.15 | 1/2 | 4,441.79 | 1/2 | 4,047.15 | 1/2 | 3,651.59 | 1/2 | 3,256.03 | 1/2 | 2,860.34 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,173.03 | 4,813.45 | 3/4 | 4,433.66 | 3/4 | 4,038.91 | 3/4 | 3,643.35 | 3/4 | 3,247.79 | 3/4 | 2,852.09 | |
| 6 | | 6 | | 6 | | 6 | 5,165.75 | 4,805.74 | 6 | 4,425.54 | 6 | 4,030.67 | 6 | 3,635.11 | 6 | 3,239.55 | 6 | 2,843.85 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,158.47 | 4,798.04 | 1/4 | 4,417.42 | 1/4 | 4,022.43 | 1/4 | 3,626.87 | 1/4 | 3,231.30 | 1/4 | 2,835.60 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,151.15 | 4,790.31 | 1/2 | 4,409.26 | 1/2 | 4,014.19 | 1/2 | 3,618.63 | 1/2 | 3,223.06 | 1/2 | 2,827.36 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,143.84 | 4,782.57 | 3/4 | 4,401.10 | 3/4 | 4,005.95 | 3/4 | 3,610.39 | 3/4 | 3,214.82 | 3/4 | 2,819.11 | |
| 7 | | 7 | | 7 | | 7 | 5,136.52 | 4,774.83 | 7 | 4,392.95 | 7 | 3,997.71 | 7 | 3,602.14 | 7 | 3,206.58 | 7 | 2,810.86 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,129.20 | 4,767.10 | 1/4 | 4,384.79 | 1/4 | 3,989.47 | 1/4 | 3,593.90 | 1/4 | 3,198.34 | 1/4 | 2,802.62 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,121.85 | 4,759.32 | 1/2 | 4,376.60 | 1/2 | 3,981.23 | 1/2 | 3,585.66 | 1/2 | 3,190.10 | 1/2 | 2,794.37 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,114.50 | 4,751.55 | 3/4 | 4,368.40 | 3/4 | 3,972.99 | 3/4 | 3,577.42 | 3/4 | 3,181.86 | 3/4 | 2,786.13 | |
| 8 | | 8 | | 8 | | 8 | 5,107.15 | 4,743.78 | 8 | 4,360.21 | 8 | 3,964.74 | 8 | 3,569.18 | 8 | 3,173.62 | 8 | 2,777.88 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,099.80 | 4,736.01 | 1/4 | 4,352.02 | 1/4 | 3,956.50 | 1/4 | 3,560.94 | 1/4 | 3,165.38 | 1/4 | 2,769.64 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,092.41 | 4,728.20 | 1/2 | 4,343.79 | 1/2 | 3,948.26 | 1/2 | 3,552.70 | 1/2 | 3,157.14 | 1/2 | 2,761.39 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,085.03 | 4,720.39 | 3/4 | 4,335.56 | 3/4 | 3,940.02 | 3/4 | 3,544.46 | 3/4 | 3,148.90 | 3/4 | 2,753.15 | |
| 9 | | 9 | | 9 | | 9 | 5,077.64 | 4,712.59 | 9 | 4,327.33 | 9 | 3,931.78 | 9 | 3,536.22 | 9 | 3,140.65 | 9 | 2,744.90 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,070.26 | 4,704.78 | 1/4 | 4,319.10 | 1/4 | 3,923.54 | 1/4 | 3,527.98 | 1/4 | 3,132.41 | 1/4 | 2,736.66 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,062.83 | 4,696.94 | 1/2 | 4,310.86 | 1/2 | 3,915.30 | 1/2 | 3,519.74 | 1/2 | 3,124.17 | 1/2 | 2,728.41 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,055.41 | 4,689.10 | 3/4 | 4,302.62 | 3/4 | 3,907.06 | 3/4 | 3,511.49 | 3/4 | 3,115.93 | 3/4 | 2,720.17 | |
| 10 | | 10 | | 10 | | 10 | 5,047.99 | 4,681.25 | 10 | 4,294.38 | 10 | 3,898.82 | 10 | 3,503.25 | 10 | 3,107.69 | 10 | 2,711.92 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,040.57 | 4,673.41 | 1/4 | 4,286.14 | 1/4 | 3,890.58 | 1/4 | 3,495.01 | 1/4 | 3,099.45 | 1/4 | 2,703.68 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,033.11 | 4,665.54 | 1/2 | 4,277.90 | 1/2 | 3,882.34 | 1/2 | 3,486.77 | 1/2 | 3,091.20 | 1/2 | 2,695.43 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,025.66 | 4,657.66 | 3/4 | 4,269.66 | 3/4 | 3,874.09 | 3/4 | 3,478.53 | 3/4 | 3,082.96 | 3/4 | 2,687.18 | |
| 11 | | 11 | | 11 | | 11 | 5,018.20 | 4,649.78 | 11 | 4,261.42 | 11 | 3,865.85 | 11 | 3,470.29 | 11 | 3,074.71 | 11 | 2,678.94 | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,010.75 | 4,641.90 | 1/4 | 4,253.18 | 1/4 | 3,857.61 | 1/4 | 3,462.05 | 1/4 | 3,066.47 | 1/4 | 2,670.69 | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,003.25 | 4,633.99 | 1/2 | 4,244.94 | 1/2 | 3,849.37 | 1/2 | 3,453.81 | 1/2 | 3,058.22 | 1/2 | 2,662.45 | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,995.76 | 4,626.08 | 3/4 | 4,236.69 | 3/4 | 3,841.13 | 3/4 | 3,445.57 | 3/4 | 3,049.98 | 3/4 | 2,654.20 | |

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 30044B"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

| 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | 15 FT. | | 16 FT. | | 17 FT. | | 18 FT. | | 19 FT. | |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|-----|--------|--|--------|-----|
| 0 | 2,645.96 | 0 | 2,250.18 | 0 | 1,854.62 | 0 | 1,458.81 | 0 | 1,063.18 | 0 | 667.39 | 0 | 271.75 | 0 | | 0 | | | |
| 1/4 | 2,637.71 | 1/4 | 2,241.94 | 1/4 | 1,846.37 | 1/4 | 1,450.57 | 1/4 | 1,054.94 | 1/4 | 659.14 | 1/4 | 263.51 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,629.47 | 1/2 | 2,233.69 | 1/2 | 1,838.13 | 1/2 | 1,442.32 | 1/2 | 1,046.69 | 1/2 | 650.90 | 1/2 | 255.28 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,621.22 | 3/4 | 2,225.45 | 3/4 | 1,829.88 | 3/4 | 1,434.08 | 3/4 | 1,038.45 | 3/4 | 642.65 | 3/4 | 247.05 | 3/4 | 3/4 | | | | 3/4 |
| 1 | 2,612.98 | 1 | 2,217.20 | 1 | 1,821.63 | 1 | 1,425.83 | 1 | 1,030.20 | 1 | 634.41 | 1 | 238.82 | 1 | 1 | | | | 1 |
| 1/4 | 2,604.73 | 1/4 | 2,208.96 | 1/4 | 1,813.39 | 1/4 | 1,417.58 | 1/4 | 1,021.96 | 1/4 | 626.16 | 1/4 | 230.59 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,596.49 | 1/2 | 2,200.71 | 1/2 | 1,805.14 | 1/2 | 1,409.34 | 1/2 | 1,013.71 | 1/2 | 617.92 | 1/2 | 222.36 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,588.24 | 3/4 | 2,192.47 | 3/4 | 1,796.90 | 3/4 | 1,401.09 | 3/4 | 1,005.46 | 3/4 | 609.67 | 3/4 | 214.13 | 3/4 | 3/4 | | | | 3/4 |
| 2 | 2,580.00 | 2 | 2,184.22 | 2 | 1,788.65 | 2 | 1,392.85 | 2 | 997.22 | 2 | 601.42 | 2 | 205.90 | 2 | 2 | | | | 2 |
| 1/4 | 2,571.75 | 1/4 | 2,175.98 | 1/4 | 1,780.40 | 1/4 | 1,384.60 | 1/4 | 988.97 | 1/4 | 593.18 | 1/4 | 197.68 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,563.51 | 1/2 | 2,167.73 | 1/2 | 1,772.16 | 1/2 | 1,376.36 | 1/2 | 980.73 | 1/2 | 584.93 | 1/2 | 189.46 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,555.26 | 3/4 | 2,159.49 | 3/4 | 1,763.91 | 3/4 | 1,368.11 | 3/4 | 972.48 | 3/4 | 576.69 | 3/4 | 181.24 | 3/4 | 3/4 | | | | 3/4 |
| 3 | 2,547.01 | 3 | 2,151.24 | 3 | 1,755.67 | 3 | 1,359.86 | 3 | 964.24 | 3 | 568.44 | 3 | 173.02 | 3 | 3 | | | | 3 |
| 1/4 | 2,538.77 | 1/4 | 2,143.00 | 1/4 | 1,747.42 | 1/4 | 1,351.62 | 1/4 | 955.99 | 1/4 | 560.20 | 1/4 | 164.81 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,530.52 | 1/2 | 2,134.75 | 1/2 | 1,739.17 | 1/2 | 1,343.37 | 1/2 | 947.74 | 1/2 | 551.95 | 1/2 | 156.61 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,522.28 | 3/4 | 2,126.50 | 3/4 | 1,730.93 | 3/4 | 1,335.13 | 3/4 | 939.50 | 3/4 | 543.70 | 3/4 | 148.40 | 3/4 | 3/4 | | | | 3/4 |
| 4 | 2,514.03 | 4 | 2,118.26 | 4 | 1,722.68 | 4 | 1,326.88 | 4 | 931.25 | 4 | 535.46 | 4 | 140.20 | 4 | 4 | | | | 4 |
| 1/4 | 2,505.79 | 1/4 | 2,110.01 | 1/4 | 1,714.44 | 1/4 | 1,318.63 | 1/4 | 923.01 | 1/4 | 527.21 | 1/4 | 132.00 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,497.54 | 1/2 | 2,101.77 | 1/2 | 1,706.19 | 1/2 | 1,310.39 | 1/2 | 914.76 | 1/2 | 518.97 | 1/2 | 123.81 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,489.30 | 3/4 | 2,093.52 | 3/4 | 1,697.95 | 3/4 | 1,302.15 | 3/4 | 906.52 | 3/4 | 510.72 | 3/4 | 115.62 | 3/4 | 3/4 | | | | 3/4 |
| 5 | 2,481.05 | 5 | 2,085.28 | 5 | 1,689.70 | 5 | 1,293.91 | 5 | 898.27 | 5 | 502.48 | 5 | 107.44 | 5 | 5 | | | | 5 |
| 1/4 | 2,472.81 | 1/4 | 2,077.03 | 1/4 | 1,681.45 | 1/4 | 1,285.67 | 1/4 | 890.02 | 1/4 | 494.23 | 1/4 | 99.25 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,464.56 | 1/2 | 2,068.79 | 1/2 | 1,673.21 | 1/2 | 1,277.43 | 1/2 | 881.78 | 1/2 | 485.98 | 1/2 | 91.10 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,456.32 | 3/4 | 2,060.56 | 3/4 | 1,664.96 | 3/4 | 1,269.19 | 3/4 | 873.53 | 3/4 | 477.74 | 3/4 | 82.96 | 3/4 | 3/4 | | | | 3/4 |
| 6 | 2,448.07 | 6 | 2,052.32 | 6 | 1,656.72 | 6 | 1,260.95 | 6 | 865.29 | 6 | 469.49 | 6 | 74.82 | 6 | 6 | | | | 6 |
| 1/4 | 2,439.83 | 1/4 | 2,044.08 | 1/4 | 1,648.47 | 1/4 | 1,252.71 | 1/4 | 857.04 | 1/4 | 461.25 | 1/4 | 66.68 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,431.58 | 1/2 | 2,035.85 | 1/2 | 1,640.22 | 1/2 | 1,244.47 | 1/2 | 848.80 | 1/2 | 453.00 | 1/2 | 59.47 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,423.34 | 3/4 | 2,027.62 | 3/4 | 1,631.98 | 3/4 | 1,236.23 | 3/4 | 840.55 | 3/4 | 444.76 | 3/4 | 52.26 | 3/4 | 3/4 | | | | 3/4 |
| 7 | 2,415.09 | 7 | 2,019.38 | 7 | 1,623.73 | 7 | 1,227.99 | 7 | 832.30 | 7 | 436.51 | 7 | 45.05 | 7 | 7 | | | | 7 |
| 1/4 | 2,406.84 | 1/4 | 2,011.15 | 1/4 | 1,615.49 | 1/4 | 1,219.75 | 1/4 | 824.06 | 1/4 | 428.26 | 1/4 | 37.84 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,398.60 | 1/2 | 2,002.92 | 1/2 | 1,607.24 | 1/2 | 1,211.51 | 1/2 | 815.81 | 1/2 | 420.02 | 1/2 | 32.68 | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,390.35 | 3/4 | 1,994.69 | 3/4 | 1,598.99 | 3/4 | 1,203.27 | 3/4 | 807.57 | 3/4 | 411.77 | 3/4 | 27.53 | 3/4 | 3/4 | | | | 3/4 |
| 8 | 2,382.11 | 8 | 1,986.46 | 8 | 1,590.75 | 8 | 1,195.03 | 8 | 799.32 | 8 | 403.53 | 8 | 22.38 | 8 | 8 | | | | 8 |
| 1/4 | 2,373.86 | 1/4 | 1,978.22 | 1/4 | 1,582.50 | 1/4 | 1,186.79 | 1/4 | 791.08 | 1/4 | 395.28 | 1/4 | 17.22 | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,365.62 | 1/2 | 1,969.99 | 1/2 | 1,574.26 | 1/2 | 1,178.55 | 1/2 | 782.83 | 1/2 | 387.04 | 1/2 | | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,357.37 | 3/4 | 1,961.76 | 3/4 | 1,566.01 | 3/4 | 1,170.30 | 3/4 | 774.58 | 3/4 | 378.79 | 3/4 | | 3/4 | 3/4 | | | | 3/4 |
| 9 | 2,349.13 | 9 | 1,953.53 | 9 | 1,557.77 | 9 | 1,162.06 | 9 | 766.34 | 9 | 370.54 | 9 | | 9 | 9 | | | | 9 |
| 1/4 | 2,340.88 | 1/4 | 1,945.30 | 1/4 | 1,549.52 | 1/4 | 1,153.82 | 1/4 | 758.09 | 1/4 | 362.30 | 1/4 | | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,332.64 | 1/2 | 1,937.06 | 1/2 | 1,541.27 | 1/2 | 1,145.58 | 1/2 | 749.85 | 1/2 | 354.07 | 1/2 | | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,324.39 | 3/4 | 1,928.82 | 3/4 | 1,533.03 | 3/4 | 1,137.34 | 3/4 | 741.60 | 3/4 | 345.83 | 3/4 | | 3/4 | 3/4 | | | | 3/4 |
| 10 | 2,316.15 | 10 | 1,920.58 | 10 | 1,524.78 | 10 | 1,129.10 | 10 | 733.36 | 10 | 337.60 | 10 | | 10 | 10 | | | | 10 |
| 1/4 | 2,307.90 | 1/4 | 1,912.34 | 1/4 | 1,516.54 | 1/4 | 1,120.86 | 1/4 | 725.11 | 1/4 | 329.37 | 1/4 | | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,299.66 | 1/2 | 1,904.09 | 1/2 | 1,508.29 | 1/2 | 1,112.62 | 1/2 | 716.86 | 1/2 | 321.14 | 1/2 | | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,291.41 | 3/4 | 1,895.85 | 3/4 | 1,500.04 | 3/4 | 1,104.38 | 3/4 | 708.62 | 3/4 | 312.91 | 3/4 | | 3/4 | 3/4 | | | | 3/4 |
| 11 | 2,283.17 | 11 | 1,887.60 | 11 | 1,491.80 | 11 | 1,096.14 | 11 | 700.37 | 11 | 304.67 | 11 | | 11 | 11 | | | | 11 |
| 1/4 | 2,274.92 | 1/4 | 1,879.36 | 1/4 | 1,483.55 | 1/4 | 1,087.90 | 1/4 | 692.13 | 1/4 | 296.44 | 1/4 | | 1/4 | 1/4 | | | | 1/4 |
| 1/2 | 2,266.67 | 1/2 | 1,871.11 | 1/2 | 1,475.31 | 1/2 | 1,079.66 | 1/2 | 683.88 | 1/2 | 288.21 | 1/2 | | 1/2 | 1/2 | | | | 1/2 |
| 3/4 | 2,258.43 | 3/4 | 1,862.86 | 3/4 | 1,467.06 | 3/4 | 1,071.42 | 3/4 | 675.64 | 3/4 | 279.98 | 3/4 | | 3/4 | 3/4 | | | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
RECALCULATED: 04/29/2013 CL
VERIFIED: 06/01/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30044B"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|-----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| 0 | 0 | 0 | 0 | 0 | 5,270.05 | 0 | 4,924.52 | 0 | 4,554.24 | 0 | 4,164.82 | 0 | 3,770.75 | 0 | 3,376.68 | 0 | 2,982.56 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,265.26 | 1/4 | 4,917.02 | 1/4 | 4,546.32 | 1/4 | 4,156.61 | 1/4 | 3,762.54 | 1/4 | 3,368.47 | 1/4 | 2,974.35 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,259.10 | 1/2 | 4,909.49 | 1/2 | 4,538.37 | 1/2 | 4,148.40 | 1/2 | 3,754.33 | 1/2 | 3,360.26 | 1/2 | 2,966.13 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,252.94 | 3/4 | 4,901.96 | 3/4 | 4,530.42 | 3/4 | 4,140.19 | 3/4 | 3,746.12 | 3/4 | 3,352.05 | 3/4 | 2,957.92 | | |
| 1 | 1 | 1 | 1 | 1 | 5,246.78 | 1 | 4,894.43 | 1 | 4,522.47 | 1 | 4,131.98 | 1 | 3,737.91 | 1 | 3,343.84 | 1 | 2,949.70 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,240.62 | 1/4 | 4,886.90 | 1/4 | 4,514.52 | 1/4 | 4,123.77 | 1/4 | 3,729.70 | 1/4 | 3,335.63 | 1/4 | 2,941.49 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,233.09 | 1/2 | 4,879.34 | 1/2 | 4,506.53 | 1/2 | 4,115.56 | 1/2 | 3,721.49 | 1/2 | 3,327.42 | 1/2 | 2,933.27 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,225.56 | 3/4 | 4,871.77 | 3/4 | 4,498.55 | 3/4 | 4,107.35 | 3/4 | 3,713.28 | 3/4 | 3,319.21 | 3/4 | 2,925.06 | | |
| 2 | 2 | 2 | 2 | 2 | 5,218.03 | 2 | 4,864.21 | 2 | 4,490.56 | 2 | 4,099.14 | 2 | 3,705.07 | 2 | 3,311.00 | 2 | 2,916.85 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,210.50 | 1/4 | 4,856.64 | 1/4 | 4,482.58 | 1/4 | 4,090.93 | 1/4 | 3,696.86 | 1/4 | 3,302.79 | 1/4 | 2,908.63 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,203.32 | 1/2 | 4,849.04 | 1/2 | 4,474.56 | 1/2 | 4,082.72 | 1/2 | 3,688.65 | 1/2 | 3,294.58 | 1/2 | 2,900.42 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,196.14 | 3/4 | 4,841.44 | 3/4 | 4,466.53 | 3/4 | 4,074.51 | 3/4 | 3,680.44 | 3/4 | 3,286.37 | 3/4 | 2,892.20 | | |
| 3 | 3 | 3 | 3 | 3 | 5,188.96 | 3 | 4,833.84 | 3 | 4,458.51 | 3 | 4,066.30 | 3 | 3,672.23 | 3 | 3,278.16 | 3 | 2,883.99 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,181.78 | 1/4 | 4,826.24 | 1/4 | 4,450.49 | 1/4 | 4,058.09 | 1/4 | 3,664.02 | 1/4 | 3,269.95 | 1/4 | 2,875.77 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,174.57 | 1/2 | 4,818.61 | 1/2 | 4,442.44 | 1/2 | 4,049.88 | 1/2 | 3,655.81 | 1/2 | 3,261.74 | 1/2 | 2,867.56 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,167.35 | 3/4 | 4,810.97 | 3/4 | 4,434.38 | 3/4 | 4,041.67 | 3/4 | 3,647.60 | 3/4 | 3,253.53 | 3/4 | 2,859.35 | | |
| 4 | 4 | 4 | 4 | 4 | 5,160.14 | 4 | 4,803.34 | 4 | 4,426.32 | 4 | 4,033.46 | 4 | 3,639.39 | 4 | 3,245.32 | 4 | 2,851.13 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,152.92 | 1/4 | 4,795.70 | 1/4 | 4,418.27 | 1/4 | 4,025.25 | 1/4 | 3,631.18 | 1/4 | 3,237.11 | 1/4 | 2,842.92 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,145.67 | 1/2 | 4,788.03 | 1/2 | 4,410.17 | 1/2 | 4,017.04 | 1/2 | 3,622.97 | 1/2 | 3,228.90 | 1/2 | 2,834.70 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,138.43 | 3/4 | 4,780.36 | 3/4 | 4,402.08 | 3/4 | 4,008.84 | 3/4 | 3,614.76 | 3/4 | 3,220.69 | 3/4 | 2,826.49 | | |
| 5 | 5 | 5 | 5 | 5 | 5,131.18 | 5 | 4,772.69 | 5 | 4,393.99 | 5 | 4,000.63 | 5 | 3,606.55 | 5 | 3,212.48 | 5 | 2,818.27 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,123.93 | 1/4 | 4,765.02 | 1/4 | 4,385.90 | 1/4 | 3,992.42 | 1/4 | 3,598.35 | 1/4 | 3,204.27 | 1/4 | 2,810.06 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,116.64 | 1/2 | 4,757.32 | 1/2 | 4,377.77 | 1/2 | 3,984.21 | 1/2 | 3,590.14 | 1/2 | 3,196.06 | 1/2 | 2,801.85 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,109.36 | 3/4 | 4,749.61 | 3/4 | 4,369.65 | 3/4 | 3,976.00 | 3/4 | 3,581.93 | 3/4 | 3,187.86 | 3/4 | 2,793.63 | | |
| 6 | 6 | 6 | 6 | 6 | 5,102.07 | 6 | 4,741.90 | 6 | 4,361.52 | 6 | 3,967.79 | 6 | 3,573.72 | 6 | 3,179.65 | 6 | 2,785.42 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,094.79 | 1/4 | 4,734.20 | 1/4 | 4,353.39 | 1/4 | 3,959.58 | 1/4 | 3,565.51 | 1/4 | 3,171.44 | 1/4 | 2,777.20 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,087.47 | 1/2 | 4,726.46 | 1/2 | 4,345.23 | 1/2 | 3,951.37 | 1/2 | 3,557.30 | 1/2 | 3,163.23 | 1/2 | 2,768.99 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,080.15 | 3/4 | 4,718.72 | 3/4 | 4,337.07 | 3/4 | 3,943.16 | 3/4 | 3,549.09 | 3/4 | 3,155.02 | 3/4 | 2,760.77 | | |
| 7 | 7 | 7 | 7 | 7 | 5,072.83 | 7 | 4,710.98 | 7 | 4,328.91 | 7 | 3,934.95 | 7 | 3,540.88 | 7 | 3,146.81 | 7 | 2,752.56 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,065.51 | 1/4 | 4,703.24 | 1/4 | 4,320.75 | 1/4 | 3,926.74 | 1/4 | 3,532.67 | 1/4 | 3,138.60 | 1/4 | 2,744.35 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,058.16 | 1/2 | 4,695.46 | 1/2 | 4,312.55 | 1/2 | 3,918.53 | 1/2 | 3,524.46 | 1/2 | 3,130.39 | 1/2 | 2,736.13 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,050.80 | 3/4 | 4,687.69 | 3/4 | 4,304.36 | 3/4 | 3,910.32 | 3/4 | 3,516.25 | 3/4 | 3,122.18 | 3/4 | 2,727.92 | | |
| 8 | 8 | 8 | 8 | 8 | 5,043.45 | 8 | 4,679.91 | 8 | 4,296.16 | 8 | 3,902.11 | 8 | 3,508.04 | 8 | 3,113.97 | 8 | 2,719.70 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,036.10 | 1/4 | 4,672.14 | 1/4 | 4,287.97 | 1/4 | 3,893.90 | 1/4 | 3,499.83 | 1/4 | 3,105.76 | 1/4 | 2,711.49 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,028.71 | 1/2 | 4,664.33 | 1/2 | 4,279.76 | 1/2 | 3,885.69 | 1/2 | 3,491.62 | 1/2 | 3,097.55 | 1/2 | 2,703.27 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,021.32 | 3/4 | 4,656.51 | 3/4 | 4,271.55 | 3/4 | 3,877.48 | 3/4 | 3,483.41 | 3/4 | 3,089.34 | 3/4 | 2,695.06 | | |
| 9 | 9 | 9 | 9 | 9 | 5,013.93 | 9 | 4,648.70 | 9 | 4,263.34 | 9 | 3,869.27 | 9 | 3,475.20 | 9 | 3,081.13 | 9 | 2,686.85 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,006.54 | 1/4 | 4,640.89 | 1/4 | 4,255.13 | 1/4 | 3,861.06 | 1/4 | 3,466.99 | 1/4 | 3,072.92 | 1/4 | 2,678.63 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,999.11 | 1/2 | 4,633.05 | 1/2 | 4,246.92 | 1/2 | 3,852.85 | 1/2 | 3,458.78 | 1/2 | 3,064.70 | 1/2 | 2,670.42 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,991.69 | 3/4 | 4,625.20 | 3/4 | 4,238.71 | 3/4 | 3,844.64 | 3/4 | 3,450.57 | 3/4 | 3,056.49 | 3/4 | 2,662.20 | | |
| 10 | 10 | 10 | 10 | 10 | 4,984.26 | 10 | 4,617.36 | 10 | 4,230.50 | 10 | 3,836.43 | 10 | 3,442.36 | 10 | 3,048.27 | 10 | 2,653.99 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,976.84 | 1/4 | 4,609.51 | 1/4 | 4,222.29 | 1/4 | 3,828.22 | 1/4 | 3,434.15 | 1/4 | 3,040.06 | 1/4 | 2,645.77 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,969.38 | 1/2 | 4,601.63 | 1/2 | 4,214.08 | 1/2 | 3,820.01 | 1/2 | 3,425.94 | 1/2 | 3,031.85 | 1/2 | 2,637.56 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,961.92 | 3/4 | 4,593.75 | 3/4 | 4,205.87 | 3/4 | 3,811.80 | 3/4 | 3,417.73 | 3/4 | 3,023.63 | 3/4 | 2,629.35 | | |
| 11 | 11 | 11 | 11 | 11 | 4,954.46 | 11 | 4,585.87 | 11 | 4,197.66 | 11 | 3,803.59 | 11 | 3,409.52 | 11 | 3,015.42 | 11 | 2,621.13 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,947.00 | 1/4 | 4,577.99 | 1/4 | 4,189.45 | 1/4 | 3,795.38 | 1/4 | 3,401.31 | 1/4 | 3,007.20 | 1/4 | 2,612.92 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,939.51 | 1/2 | 4,570.07 | 1/2 | 4,181.24 | 1/2 | 3,787.17 | 1/2 | 3,393.10 | 1/2 | 2,998.99 | 1/2 | 2,604.70 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,274.84 | 3/4 | 4,932.01 | 3/4 | 4,562.16 | 3/4 | 4,173.03 | 3/4 | 3,778.96 | 3/4 | 3,384.89 | 3/4 | 2,990.77 | 3/4 | 2,596.49 |

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 30044B"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

| 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 | 2,588.27 | 0 | 2,193.99 | 0 | 1,799.70 | 0 | 1,407.59 | 0 | 1,026.24 | 0 | 631.97 | 0 | 237.90 | 0 | | 0 | | 0 | |
| 1/4 | 2,580.06 | 1/4 | 2,185.77 | 1/4 | 1,791.49 | 1/4 | 1,399.69 | 1/4 | 1,018.03 | 1/4 | 623.76 | 1/4 | 229.70 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,571.85 | 1/2 | 2,177.56 | 1/2 | 1,783.27 | 1/2 | 1,391.79 | 1/2 | 1,009.81 | 1/2 | 615.54 | 1/2 | 221.51 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,563.63 | 3/4 | 2,169.34 | 3/4 | 1,775.06 | 3/4 | 1,383.89 | 3/4 | 1,001.60 | 3/4 | 607.33 | 3/4 | 213.31 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 2,555.42 | 1 | 2,161.13 | 1 | 1,766.84 | 1 | 1,375.98 | 1 | 993.39 | 1 | 599.11 | 1 | 205.11 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 2,547.20 | 1/4 | 2,152.92 | 1/4 | 1,758.63 | 1/4 | 1,368.08 | 1/4 | 985.17 | 1/4 | 590.90 | 1/4 | 196.92 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,538.99 | 1/2 | 2,144.70 | 1/2 | 1,750.42 | 1/2 | 1,360.18 | 1/2 | 976.96 | 1/2 | 582.69 | 1/2 | 188.73 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,530.77 | 3/4 | 2,136.49 | 3/4 | 1,742.20 | 3/4 | 1,352.27 | 3/4 | 968.74 | 3/4 | 574.47 | 3/4 | 180.55 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 2,522.56 | 2 | 2,128.27 | 2 | 1,733.99 | 2 | 1,344.37 | 2 | 960.53 | 2 | 566.26 | 2 | 172.36 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 2,514.35 | 1/4 | 2,120.06 | 1/4 | 1,725.77 | 1/4 | 1,336.47 | 1/4 | 952.32 | 1/4 | 558.04 | 1/4 | 164.18 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,506.13 | 1/2 | 2,111.84 | 1/2 | 1,717.56 | 1/2 | 1,328.56 | 1/2 | 944.10 | 1/2 | 549.83 | 1/2 | 156.01 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,497.92 | 3/4 | 2,103.63 | 3/4 | 1,709.34 | 3/4 | 1,320.66 | 3/4 | 935.89 | 3/4 | 541.62 | 3/4 | 147.84 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 2,489.70 | 3 | 2,095.42 | 3 | 1,701.13 | 3 | 1,312.76 | 3 | 927.67 | 3 | 533.40 | 3 | 139.67 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 2,481.49 | 1/4 | 2,087.20 | 1/4 | 1,692.92 | 1/4 | 1,304.86 | 1/4 | 919.46 | 1/4 | 525.19 | 1/4 | 131.50 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,473.27 | 1/2 | 2,078.99 | 1/2 | 1,684.70 | 1/2 | 1,296.96 | 1/2 | 911.25 | 1/2 | 516.97 | 1/2 | 123.34 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,465.06 | 3/4 | 2,070.77 | 3/4 | 1,676.49 | 3/4 | 1,289.06 | 3/4 | 903.03 | 3/4 | 508.76 | 3/4 | 115.18 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 2,456.85 | 4 | 2,062.56 | 4 | 1,668.27 | 4 | 1,281.16 | 4 | 894.82 | 4 | 500.55 | 4 | 107.03 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 2,448.63 | 1/4 | 2,054.34 | 1/4 | 1,660.06 | 1/4 | 1,273.26 | 1/4 | 886.60 | 1/4 | 492.33 | 1/4 | 98.87 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,440.42 | 1/2 | 2,046.13 | 1/2 | 1,651.84 | 1/2 | 1,265.37 | 1/2 | 878.39 | 1/2 | 484.12 | 1/2 | 90.76 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,432.20 | 3/4 | 2,037.92 | 3/4 | 1,643.63 | 3/4 | 1,257.47 | 3/4 | 870.18 | 3/4 | 475.90 | 3/4 | 82.65 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 2,423.99 | 5 | 2,029.70 | 5 | 1,635.42 | 5 | 1,249.57 | 5 | 861.96 | 5 | 467.69 | 5 | 74.53 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 2,415.77 | 1/4 | 2,021.49 | 1/4 | 1,627.20 | 1/4 | 1,241.67 | 1/4 | 853.75 | 1/4 | 459.48 | 1/4 | 66.42 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,407.56 | 1/2 | 2,013.27 | 1/2 | 1,618.99 | 1/2 | 1,233.78 | 1/2 | 845.53 | 1/2 | 451.26 | 1/2 | 59.24 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,399.35 | 3/4 | 2,005.06 | 3/4 | 1,610.77 | 3/4 | 1,225.88 | 3/4 | 837.32 | 3/4 | 443.05 | 3/4 | 52.06 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 2,391.13 | 6 | 1,996.84 | 6 | 1,602.56 | 6 | 1,217.98 | 6 | 829.11 | 6 | 434.83 | 6 | 44.88 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 2,382.92 | 1/4 | 1,988.63 | 1/4 | 1,594.34 | 1/4 | 1,210.08 | 1/4 | 820.89 | 1/4 | 426.62 | 1/4 | 37.70 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,374.70 | 1/2 | 1,980.42 | 1/2 | 1,586.13 | 1/2 | 1,202.18 | 1/2 | 812.68 | 1/2 | 418.41 | 1/2 | 32.56 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,366.49 | 3/4 | 1,972.20 | 3/4 | 1,577.92 | 3/4 | 1,194.29 | 3/4 | 804.46 | 3/4 | 410.19 | 3/4 | 27.43 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 2,358.27 | 7 | 1,963.99 | 7 | 1,569.70 | 7 | 1,186.39 | 7 | 796.25 | 7 | 401.98 | 7 | 22.29 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 2,350.06 | 1/4 | 1,955.77 | 1/4 | 1,561.49 | 1/4 | 1,178.49 | 1/4 | 788.04 | 1/4 | 393.76 | 1/4 | 17.16 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,341.85 | 1/2 | 1,947.56 | 1/2 | 1,553.27 | 1/2 | 1,170.59 | 1/2 | 779.82 | 1/2 | 385.55 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,333.63 | 3/4 | 1,939.34 | 3/4 | 1,545.06 | 3/4 | 1,162.70 | 3/4 | 771.61 | 3/4 | 377.34 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 2,325.42 | 8 | 1,931.13 | 8 | 1,536.84 | 8 | 1,154.80 | 8 | 763.39 | 8 | 369.12 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 2,317.20 | 1/4 | 1,922.92 | 1/4 | 1,528.63 | 1/4 | 1,146.90 | 1/4 | 755.18 | 1/4 | 360.91 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,308.99 | 1/2 | 1,914.70 | 1/2 | 1,520.42 | 1/2 | 1,139.00 | 1/2 | 746.97 | 1/2 | 352.71 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,300.77 | 3/4 | 1,906.49 | 3/4 | 1,512.20 | 3/4 | 1,131.11 | 3/4 | 738.75 | 3/4 | 344.51 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 2,292.56 | 9 | 1,898.27 | 9 | 1,503.99 | 9 | 1,123.21 | 9 | 730.54 | 9 | 336.31 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 2,284.35 | 1/4 | 1,890.06 | 1/4 | 1,495.77 | 1/4 | 1,115.31 | 1/4 | 722.32 | 1/4 | 328.11 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,276.13 | 1/2 | 1,881.84 | 1/2 | 1,487.56 | 1/2 | 1,107.41 | 1/2 | 714.11 | 1/2 | 319.91 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,267.92 | 3/4 | 1,873.63 | 3/4 | 1,479.34 | 3/4 | 1,099.51 | 3/4 | 705.90 | 3/4 | 311.71 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 2,259.70 | 10 | 1,865.42 | 10 | 1,471.13 | 10 | 1,091.62 | 10 | 697.68 | 10 | 303.51 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 2,251.49 | 1/4 | 1,857.20 | 1/4 | 1,462.92 | 1/4 | 1,083.72 | 1/4 | 689.47 | 1/4 | 295.30 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,243.27 | 1/2 | 1,848.99 | 1/2 | 1,455.01 | 1/2 | 1,075.51 | 1/2 | 681.25 | 1/2 | 287.10 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,235.06 | 3/4 | 1,840.77 | 3/4 | 1,447.11 | 3/4 | 1,067.30 | 3/4 | 673.04 | 3/4 | 278.90 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 2,226.84 | 11 | 1,832.56 | 11 | 1,439.21 | 11 | 1,059.09 | 11 | 664.83 | 11 | 270.70 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 2,218.63 | 1/4 | 1,824.34 | 1/4 | 1,431.30 | 1/4 | 1,050.88 | 1/4 | 656.61 | 1/4 | 262.50 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,210.42 | 1/2 | 1,816.13 | 1/2 | 1,423.40 | 1/2 | 1,042.67 | 1/2 | 648.40 | 1/2 | 254.30 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,202.20 | 3/4 | 1,807.92 | 3/4 | 1,415.50 | 3/4 | 1,034.46 | 3/4 | 640.18 | 3/4 | 246.10 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
RECALCULATED: 04/29/2013 CL
VERIFIED: 06/01/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30044B"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 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 | 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 | 1/4 | 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 | 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 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-09" 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.pmacorp.net>



BARGE "KIRBY 30044B"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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 | 2,617.67 | 0 | 2,223.45 | 0 | 1,831.06 | 0 | 1,436.78 | 0 | 1,042.67 | 0 | 648.40 | 0 | 254.30 | 0 | | 0 | | 0 | |
| 1/4 | 2,609.46 | 1/4 | 2,215.23 | 1/4 | 1,822.85 | 1/4 | 1,428.56 | 1/4 | 1,034.46 | 1/4 | 640.18 | 1/4 | 246.10 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,601.25 | 1/2 | 2,207.02 | 1/2 | 1,814.63 | 1/2 | 1,420.35 | 1/2 | 1,026.24 | 1/2 | 631.97 | 1/2 | 237.90 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,593.04 | 3/4 | 2,198.81 | 3/4 | 1,806.42 | 3/4 | 1,412.14 | 3/4 | 1,018.03 | 3/4 | 623.76 | 3/4 | 229.70 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 1 | 2,584.82 | 1 | 2,190.59 | 1 | 1,798.20 | 1 | 1,403.92 | 1 | 1,009.81 | 1 | 615.54 | 1 | 221.51 | 1 | 1 | | 1 | | 1 |
| 1/4 | 2,576.61 | 1/4 | 2,182.38 | 1/4 | 1,789.99 | 1/4 | 1,395.71 | 1/4 | 1,001.60 | 1/4 | 607.33 | 1/4 | 213.31 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,568.40 | 1/2 | 2,174.17 | 1/2 | 1,781.77 | 1/2 | 1,387.49 | 1/2 | 993.39 | 1/2 | 599.11 | 1/2 | 205.11 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,560.18 | 3/4 | 2,165.95 | 3/4 | 1,773.56 | 3/4 | 1,379.28 | 3/4 | 985.17 | 3/4 | 590.90 | 3/4 | 196.92 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 2 | 2,551.97 | 2 | 2,157.74 | 2 | 1,765.35 | 2 | 1,371.06 | 2 | 976.96 | 2 | 582.69 | 2 | 188.73 | 2 | 2 | | 2 | | 2 |
| 1/4 | 2,543.76 | 1/4 | 2,149.53 | 1/4 | 1,757.13 | 1/4 | 1,362.85 | 1/4 | 968.74 | 1/4 | 574.47 | 1/4 | 180.55 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,535.54 | 1/2 | 2,141.31 | 1/2 | 1,748.92 | 1/2 | 1,354.64 | 1/2 | 960.53 | 1/2 | 566.26 | 1/2 | 172.36 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,527.33 | 3/4 | 2,133.10 | 3/4 | 1,740.70 | 3/4 | 1,346.42 | 3/4 | 952.32 | 3/4 | 558.04 | 3/4 | 164.18 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 3 | 2,519.12 | 3 | 2,124.89 | 3 | 1,732.49 | 3 | 1,338.21 | 3 | 944.10 | 3 | 549.83 | 3 | 156.01 | 3 | 3 | | 3 | | 3 |
| 1/4 | 2,510.90 | 1/4 | 2,116.68 | 1/4 | 1,724.28 | 1/4 | 1,329.99 | 1/4 | 935.89 | 1/4 | 541.62 | 1/4 | 147.84 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,502.69 | 1/2 | 2,108.46 | 1/2 | 1,716.06 | 1/2 | 1,321.78 | 1/2 | 927.67 | 1/2 | 533.40 | 1/2 | 139.67 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,494.48 | 3/4 | 2,100.25 | 3/4 | 1,707.85 | 3/4 | 1,313.57 | 3/4 | 919.46 | 3/4 | 525.19 | 3/4 | 131.50 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 4 | 2,486.27 | 4 | 2,092.04 | 4 | 1,699.63 | 4 | 1,305.36 | 4 | 911.25 | 4 | 516.97 | 4 | 123.34 | 4 | 4 | | 4 | | 4 |
| 1/4 | 2,478.05 | 1/4 | 2,083.82 | 1/4 | 1,691.42 | 1/4 | 1,297.15 | 1/4 | 903.03 | 1/4 | 508.76 | 1/4 | 115.18 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,469.84 | 1/2 | 2,075.61 | 1/2 | 1,683.20 | 1/2 | 1,288.94 | 1/2 | 894.82 | 1/2 | 500.55 | 1/2 | 107.03 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,461.63 | 3/4 | 2,067.40 | 3/4 | 1,674.99 | 3/4 | 1,280.73 | 3/4 | 886.60 | 3/4 | 492.33 | 3/4 | 98.87 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 5 | 2,453.41 | 5 | 2,059.24 | 5 | 1,666.78 | 5 | 1,272.52 | 5 | 878.39 | 5 | 484.12 | 5 | 90.76 | 5 | 5 | | 5 | | 5 |
| 1/4 | 2,445.20 | 1/4 | 2,051.09 | 1/4 | 1,658.56 | 1/4 | 1,264.31 | 1/4 | 870.18 | 1/4 | 475.90 | 1/4 | 82.65 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,436.99 | 1/2 | 2,042.93 | 1/2 | 1,650.35 | 1/2 | 1,256.10 | 1/2 | 861.96 | 1/2 | 467.69 | 1/2 | 74.53 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,428.77 | 3/4 | 2,034.78 | 3/4 | 1,642.13 | 3/4 | 1,247.90 | 3/4 | 853.75 | 3/4 | 459.48 | 3/4 | 66.42 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 6 | 2,420.56 | 6 | 2,026.68 | 6 | 1,633.92 | 6 | 1,239.69 | 6 | 845.53 | 6 | 451.26 | 6 | 59.24 | 6 | 6 | | 6 | | 6 |
| 1/4 | 2,412.35 | 1/4 | 2,018.58 | 1/4 | 1,625.71 | 1/4 | 1,231.48 | 1/4 | 837.32 | 1/4 | 443.05 | 1/4 | 52.06 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,404.13 | 1/2 | 2,010.49 | 1/2 | 1,617.49 | 1/2 | 1,223.27 | 1/2 | 829.11 | 1/2 | 434.83 | 1/2 | 44.88 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,395.92 | 3/4 | 2,002.39 | 3/4 | 1,609.28 | 3/4 | 1,215.06 | 3/4 | 820.89 | 3/4 | 426.62 | 3/4 | 37.69 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 7 | 2,387.71 | 7 | 1,994.29 | 7 | 1,601.06 | 7 | 1,206.85 | 7 | 812.68 | 7 | 418.41 | 7 | 32.56 | 7 | 7 | | 7 | | 7 |
| 1/4 | 2,379.49 | 1/4 | 1,986.20 | 1/4 | 1,592.85 | 1/4 | 1,198.64 | 1/4 | 804.46 | 1/4 | 410.19 | 1/4 | 27.43 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,371.28 | 1/2 | 1,978.10 | 1/2 | 1,584.63 | 1/2 | 1,190.43 | 1/2 | 796.25 | 1/2 | 401.98 | 1/2 | 22.29 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,363.07 | 3/4 | 1,970.00 | 3/4 | 1,576.42 | 3/4 | 1,182.22 | 3/4 | 788.04 | 3/4 | 393.76 | 3/4 | 17.16 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 8 | 2,354.86 | 8 | 1,961.90 | 8 | 1,568.21 | 8 | 1,174.02 | 8 | 779.82 | 8 | 385.55 | 8 | | 8 | 8 | | 8 | | 8 |
| 1/4 | 2,346.64 | 1/4 | 1,953.81 | 1/4 | 1,559.99 | 1/4 | 1,165.81 | 1/4 | 771.61 | 1/4 | 377.34 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,338.43 | 1/2 | 1,945.71 | 1/2 | 1,551.78 | 1/2 | 1,157.60 | 1/2 | 763.39 | 1/2 | 369.12 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,330.22 | 3/4 | 1,937.61 | 3/4 | 1,543.56 | 3/4 | 1,149.39 | 3/4 | 755.18 | 3/4 | 360.91 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 9 | 2,322.00 | 9 | 1,929.46 | 9 | 1,535.35 | 9 | 1,141.18 | 9 | 746.97 | 9 | 352.71 | 9 | | 9 | 9 | | 9 | | 9 |
| 1/4 | 2,313.79 | 1/4 | 1,921.30 | 1/4 | 1,527.13 | 1/4 | 1,132.97 | 1/4 | 738.75 | 1/4 | 344.51 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,305.58 | 1/2 | 1,913.14 | 1/2 | 1,518.92 | 1/2 | 1,124.76 | 1/2 | 730.54 | 1/2 | 336.31 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,297.36 | 3/4 | 1,904.99 | 3/4 | 1,510.71 | 3/4 | 1,116.55 | 3/4 | 722.32 | 3/4 | 328.11 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 10 | 2,289.15 | 10 | 1,896.77 | 10 | 1,502.49 | 10 | 1,108.35 | 10 | 714.11 | 10 | 319.91 | 10 | | 10 | 10 | | 10 | | 10 |
| 1/4 | 2,280.94 | 1/4 | 1,888.56 | 1/4 | 1,494.28 | 1/4 | 1,100.14 | 1/4 | 705.90 | 1/4 | 311.71 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,272.72 | 1/2 | 1,880.35 | 1/2 | 1,486.06 | 1/2 | 1,091.93 | 1/2 | 697.68 | 1/2 | 303.51 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,264.51 | 3/4 | 1,872.13 | 3/4 | 1,477.85 | 3/4 | 1,083.72 | 3/4 | 689.47 | 3/4 | 295.30 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 11 | 2,256.30 | 11 | 1,863.92 | 11 | 1,469.64 | 11 | 1,075.51 | 11 | 681.25 | 11 | 287.10 | 11 | | 11 | 11 | | 11 | | 11 |
| 1/4 | 2,248.09 | 1/4 | 1,855.70 | 1/4 | 1,461.42 | 1/4 | 1,067.30 | 1/4 | 673.04 | 1/4 | 278.90 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,239.87 | 1/2 | 1,847.49 | 1/2 | 1,453.21 | 1/2 | 1,059.09 | 1/2 | 664.83 | 1/2 | 270.70 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,231.66 | 3/4 | 1,839.27 | 3/4 | 1,444.99 | 3/4 | 1,050.88 | 3/4 | 656.61 | 3/4 | 262.50 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
RECALCULATED: 04/29/2013 CL
VERIFIED: 06/01/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30044B"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | |
|-------|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | |
| | | | | | | | | 4,605.74 | | 4,317.48 | | 4,013.91 | | 3,685.11 | | 3,293.51 | | 2,902.05 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,599.89 | 1/4 | 4,311.29 | 1/4 | 4,007.50 | 1/4 | 3,676.95 | 1/4 | 3,285.36 | 1/4 | 2,893.89 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,858.00 | 1/2 | 4,594.03 | 1/2 | 4,305.11 | 1/2 | 4,001.08 | 1/2 | 3,668.79 | 1/2 | 3,277.20 | 1/2 | 2,885.74 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,854.99 | 3/4 | 4,588.18 | 3/4 | 4,298.93 | 3/4 | 3,994.67 | 3/4 | 3,660.63 | 3/4 | 3,269.04 | 3/4 | 2,877.58 |
| 1 | | 1 | | 1 | | 1 | | 4,851.98 | 1 | 4,582.33 | 1 | 4,292.74 | 1 | 3,988.25 | 1 | 3,652.47 | 1 | 3,260.88 | 1 | 2,869.42 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,847.61 | 1/4 | 4,576.44 | 1/4 | 4,286.53 | 1/4 | 3,981.84 | 1/4 | 3,644.32 | 1/4 | 3,252.72 | 1/4 | 2,861.27 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,843.23 | 1/2 | 4,570.56 | 1/2 | 4,280.32 | 1/2 | 3,975.43 | 1/2 | 3,636.16 | 1/2 | 3,244.56 | 1/2 | 2,853.11 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,838.86 | 3/4 | 4,564.68 | 3/4 | 4,274.11 | 3/4 | 3,969.01 | 3/4 | 3,628.00 | 3/4 | 3,236.41 | 3/4 | 2,844.96 |
| 2 | | 2 | | 2 | | 2 | | 4,834.49 | 2 | 4,558.80 | 2 | 4,267.89 | 2 | 3,962.60 | 2 | 3,619.84 | 2 | 3,228.25 | 2 | 2,836.80 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,828.75 | 1/4 | 4,552.89 | 1/4 | 4,261.65 | 1/4 | 3,956.18 | 1/4 | 3,611.68 | 1/4 | 3,220.09 | 1/4 | 2,828.64 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,823.01 | 1/2 | 4,546.98 | 1/2 | 4,255.41 | 1/2 | 3,949.77 | 1/2 | 3,603.53 | 1/2 | 3,211.93 | 1/2 | 2,820.47 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,817.27 | 3/4 | 4,541.07 | 3/4 | 4,249.18 | 3/4 | 3,943.36 | 3/4 | 3,595.37 | 3/4 | 3,203.77 | 3/4 | 2,812.31 |
| 3 | | 3 | | 3 | | 3 | | 4,811.54 | 3 | 4,535.16 | 3 | 4,242.94 | 3 | 3,936.94 | 3 | 3,587.21 | 3 | 3,195.62 | 3 | 2,804.15 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,805.93 | 1/4 | 4,529.23 | 1/4 | 4,236.67 | 1/4 | 3,930.53 | 1/4 | 3,579.05 | 1/4 | 3,187.46 | 1/4 | 2,795.98 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,800.32 | 1/2 | 4,523.29 | 1/2 | 4,230.40 | 1/2 | 3,924.11 | 1/2 | 3,570.89 | 1/2 | 3,179.30 | 1/2 | 2,787.82 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,794.72 | 3/4 | 4,517.35 | 3/4 | 4,224.13 | 3/4 | 3,917.70 | 3/4 | 3,562.73 | 3/4 | 3,171.14 | 3/4 | 2,779.65 |
| 4 | | 4 | | 4 | | 4 | | 4,789.11 | 4 | 4,511.42 | 4 | 4,217.87 | 4 | 3,911.29 | 4 | 3,554.58 | 4 | 3,162.98 | 4 | 2,771.49 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,783.48 | 1/4 | 4,505.45 | 1/4 | 4,211.57 | 1/4 | 3,904.87 | 1/4 | 3,546.42 | 1/4 | 3,154.82 | 1/4 | 2,763.33 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,777.84 | 1/2 | 4,499.49 | 1/2 | 4,205.28 | 1/2 | 3,898.46 | 1/2 | 3,538.26 | 1/2 | 3,146.67 | 1/2 | 2,755.16 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,772.21 | 3/4 | 4,493.52 | 3/4 | 4,198.98 | 3/4 | 3,892.04 | 3/4 | 3,530.10 | 3/4 | 3,138.51 | 3/4 | 2,747.00 |
| 5 | | 5 | | 5 | | 5 | | 4,766.57 | 5 | 4,487.56 | 5 | 4,192.69 | 5 | 3,885.63 | 5 | 3,521.94 | 5 | 3,130.35 | 5 | 2,738.83 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,760.91 | 1/4 | 4,481.57 | 1/4 | 4,186.37 | 1/4 | 3,879.22 | 1/4 | 3,513.79 | 1/4 | 3,122.19 | 1/4 | 2,730.67 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,755.25 | 1/2 | 4,475.58 | 1/2 | 4,180.05 | 1/2 | 3,872.80 | 1/2 | 3,505.63 | 1/2 | 3,114.03 | 1/2 | 2,722.51 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,749.59 | 3/4 | 4,469.58 | 3/4 | 4,173.72 | 3/4 | 3,866.39 | 3/4 | 3,497.47 | 3/4 | 3,105.88 | 3/4 | 2,714.34 |
| 6 | | 6 | | 6 | | 6 | | 4,743.93 | 6 | 4,463.59 | 6 | 4,167.40 | 6 | 3,859.97 | 6 | 3,489.31 | 6 | 3,097.72 | 6 | 2,706.18 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,738.24 | 1/4 | 4,457.57 | 1/4 | 4,161.05 | 1/4 | 3,853.56 | 1/4 | 3,481.15 | 1/4 | 3,089.57 | 1/4 | 2,698.01 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,732.55 | 1/2 | 4,451.55 | 1/2 | 4,154.70 | 1/2 | 3,847.15 | 1/2 | 3,472.99 | 1/2 | 3,081.41 | 1/2 | 2,689.85 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,726.86 | 3/4 | 4,445.54 | 3/4 | 4,148.35 | 3/4 | 3,840.73 | 3/4 | 3,464.84 | 3/4 | 3,073.26 | 3/4 | 2,681.69 |
| 7 | | 7 | | 7 | | 7 | | 4,721.17 | 7 | 4,439.52 | 7 | 4,142.00 | 7 | 3,834.32 | 7 | 3,456.68 | 7 | 3,065.11 | 7 | 2,673.52 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,715.46 | 1/4 | 4,433.47 | 1/4 | 4,135.63 | 1/4 | 3,827.90 | 1/4 | 3,448.52 | 1/4 | 3,056.96 | 1/4 | 2,665.36 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,709.74 | 1/2 | 4,427.42 | 1/2 | 4,129.25 | 1/2 | 3,821.49 | 1/2 | 3,440.36 | 1/2 | 3,048.81 | 1/2 | 2,657.19 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,704.02 | 3/4 | 4,421.38 | 3/4 | 4,122.87 | 3/4 | 3,815.08 | 3/4 | 3,432.20 | 3/4 | 3,040.66 | 3/4 | 2,649.03 |
| 8 | | 8 | | 8 | | 8 | | 4,698.31 | 8 | 4,415.33 | 8 | 4,116.49 | 8 | 3,808.66 | 8 | 3,424.04 | 8 | 3,032.51 | 8 | 2,640.87 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,692.56 | 1/4 | 4,409.25 | 1/4 | 4,110.09 | 1/4 | 3,802.25 | 1/4 | 3,415.89 | 1/4 | 3,024.35 | 1/4 | 2,632.70 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,686.82 | 1/2 | 4,403.18 | 1/2 | 4,103.69 | 1/2 | 3,795.83 | 1/2 | 3,407.73 | 1/2 | 3,016.20 | 1/2 | 2,624.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,681.07 | 3/4 | 4,397.11 | 3/4 | 4,097.28 | 3/4 | 3,789.42 | 3/4 | 3,399.57 | 3/4 | 3,008.05 | 3/4 | 2,616.37 |
| 9 | | 9 | | 9 | | 9 | | 4,675.33 | 9 | 4,391.03 | 9 | 4,090.88 | 9 | 3,783.01 | 9 | 3,391.41 | 9 | 2,999.90 | 9 | 2,608.21 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,669.56 | 1/4 | 4,384.93 | 1/4 | 4,084.46 | 1/4 | 3,774.85 | 1/4 | 3,383.25 | 1/4 | 2,991.75 | 1/4 | 2,600.05 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,663.79 | 1/2 | 4,378.83 | 1/2 | 4,078.05 | 1/2 | 3,766.69 | 1/2 | 3,375.10 | 1/2 | 2,983.60 | 1/2 | 2,591.88 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,658.02 | 3/4 | 4,372.73 | 3/4 | 4,071.64 | 3/4 | 3,758.53 | 3/4 | 3,366.94 | 3/4 | 2,975.45 | 3/4 | 2,583.72 |
| 10 | | 10 | | 10 | | 10 | | 4,652.25 | 10 | 4,366.62 | 10 | 4,065.22 | 10 | 3,750.37 | 10 | 3,358.78 | 10 | 2,967.29 | 10 | 2,575.55 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,646.45 | 1/4 | 4,360.50 | 1/4 | 4,058.81 | 1/4 | 3,742.21 | 1/4 | 3,350.62 | 1/4 | 2,959.14 | 1/4 | 2,567.39 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,640.65 | 1/2 | 4,354.37 | 1/2 | 4,052.39 | 1/2 | 3,734.06 | 1/2 | 3,342.46 | 1/2 | 2,950.98 | 1/2 | 2,559.23 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,634.85 | 3/4 | 4,348.24 | 3/4 | 4,045.98 | 3/4 | 3,725.90 | 3/4 | 3,334.30 | 3/4 | 2,942.83 | 3/4 | 2,551.06 |
| 11 | | 11 | | 11 | | 11 | | 4,629.05 | 11 | 4,342.11 | 11 | 4,039.57 | 11 | 3,717.74 | 11 | 3,326.15 | 11 | 2,934.67 | 11 | 2,542.90 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,623.22 | 1/4 | 4,335.95 | 1/4 | 4,033.15 | 1/4 | 3,709.58 | 1/4 | 3,317.99 | 1/4 | 2,926.52 | 1/4 | 2,534.73 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,617.40 | 1/2 | 4,329.79 | 1/2 | 4,026.74 | 1/2 | 3,701.42 | 1/2 | 3,309.83 | 1/2 | 2,918.36 | 1/2 | 2,526.57 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,611.57 | 3/4 | 4,323.64 | 3/4 | 4,020.32 | 3/4 | 3,693.27 | 3/4 | 3,301.67 | 3/4 | 2,910.20 | 3/4 | 2,518.41 |

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 59'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30044B"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-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 | 2,510.24 | 0 | 2,119.30 | 0 | 1,728.18 | 0 | 1,336.47 | 0 | 955.49 | 0 | 568.81 | 0 | 174.82 | 0 | | 0 | | 0 | |
| 1/4 | 2,502.08 | 1/4 | 2,111.17 | 1/4 | 1,720.02 | 1/4 | 1,328.30 | 1/4 | 947.66 | 1/4 | 560.66 | 1/4 | 167.24 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,493.91 | 1/2 | 2,103.03 | 1/2 | 1,711.86 | 1/2 | 1,320.14 | 1/2 | 939.83 | 1/2 | 552.51 | 1/2 | 159.67 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,485.75 | 3/4 | 2,094.90 | 3/4 | 1,703.70 | 3/4 | 1,311.98 | 3/4 | 932.00 | 3/4 | 544.36 | 3/4 | 152.09 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 1 | 2,477.59 | 1 | 2,086.77 | 1 | 1,695.54 | 1 | 1,303.82 | 1 | 924.18 | 1 | 536.21 | 1 | 144.51 | 1 | 1 | | 1 | | 1 |
| 1/4 | 2,469.42 | 1/4 | 2,078.64 | 1/4 | 1,687.38 | 1/4 | 1,295.66 | 1/4 | 916.35 | 1/4 | 528.07 | 1/4 | 138.11 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,461.26 | 1/2 | 2,070.51 | 1/2 | 1,679.21 | 1/2 | 1,287.50 | 1/2 | 908.52 | 1/2 | 519.92 | 1/2 | 131.71 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,453.09 | 3/4 | 2,062.38 | 3/4 | 1,671.05 | 3/4 | 1,279.34 | 3/4 | 900.69 | 3/4 | 511.77 | 3/4 | 125.31 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 2 | 2,444.93 | 2 | 2,054.25 | 2 | 1,662.89 | 2 | 1,271.18 | 2 | 892.86 | 2 | 503.62 | 2 | 118.91 | 2 | 2 | | 2 | | 2 |
| 1/4 | 2,436.77 | 1/4 | 2,046.12 | 1/4 | 1,654.73 | 1/4 | 1,263.02 | 1/4 | 885.02 | 1/4 | 495.48 | 1/4 | 113.69 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,428.60 | 1/2 | 2,037.99 | 1/2 | 1,646.57 | 1/2 | 1,254.86 | 1/2 | 877.18 | 1/2 | 487.33 | 1/2 | 108.48 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,420.44 | 3/4 | 2,029.86 | 3/4 | 1,638.41 | 3/4 | 1,246.70 | 3/4 | 869.33 | 3/4 | 479.18 | 3/4 | 103.26 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 3 | 2,412.27 | 3 | 2,021.73 | 3 | 1,630.25 | 3 | 1,238.54 | 3 | 861.49 | 3 | 471.03 | 3 | 98.04 | 3 | 3 | | 3 | | 3 |
| 1/4 | 2,404.11 | 1/4 | 2,013.59 | 1/4 | 1,622.09 | 1/4 | 1,230.38 | 1/4 | 853.63 | 1/4 | 462.87 | 1/4 | 94.01 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,395.95 | 1/2 | 2,005.46 | 1/2 | 1,613.93 | 1/2 | 1,222.22 | 1/2 | 845.77 | 1/2 | 454.70 | 1/2 | 89.99 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,387.78 | 3/4 | 1,997.33 | 3/4 | 1,605.77 | 3/4 | 1,214.05 | 3/4 | 837.91 | 3/4 | 446.54 | 3/4 | 85.96 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 4 | 2,379.62 | 4 | 1,989.20 | 4 | 1,597.61 | 4 | 1,205.89 | 4 | 830.04 | 4 | 438.37 | 4 | 81.93 | 4 | 4 | | 4 | | 4 |
| 1/4 | 2,371.45 | 1/4 | 1,981.07 | 1/4 | 1,589.45 | 1/4 | 1,198.05 | 1/4 | 821.88 | 1/4 | 430.20 | 1/4 | 79.35 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,363.29 | 1/2 | 1,972.94 | 1/2 | 1,581.29 | 1/2 | 1,190.21 | 1/2 | 813.71 | 1/2 | 422.04 | 1/2 | 76.76 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,355.13 | 3/4 | 1,964.81 | 3/4 | 1,573.13 | 3/4 | 1,182.37 | 3/4 | 805.55 | 3/4 | 413.87 | 3/4 | 74.18 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 5 | 2,346.96 | 5 | 1,956.68 | 5 | 1,564.96 | 5 | 1,174.54 | 5 | 797.38 | 5 | 405.71 | 5 | 71.59 | 5 | 5 | | 5 | | 5 |
| 1/4 | 2,338.83 | 1/4 | 1,948.52 | 1/4 | 1,556.80 | 1/4 | 1,166.71 | 1/4 | 789.21 | 1/4 | 397.53 | 1/4 | 70.23 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,330.70 | 1/2 | 1,940.36 | 1/2 | 1,548.64 | 1/2 | 1,158.89 | 1/2 | 781.05 | 1/2 | 389.35 | 1/2 | 68.86 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,322.57 | 3/4 | 1,932.20 | 3/4 | 1,540.48 | 3/4 | 1,151.07 | 3/4 | 772.88 | 3/4 | 381.17 | 3/4 | 67.50 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 6 | 2,314.44 | 6 | 1,924.04 | 6 | 1,532.32 | 6 | 1,143.24 | 6 | 764.72 | 6 | 372.99 | 6 | 66.13 | 6 | 6 | | 6 | | 6 |
| 1/4 | 2,306.31 | 1/4 | 1,915.87 | 1/4 | 1,524.16 | 1/4 | 1,135.42 | 1/4 | 756.55 | 1/4 | 364.82 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,298.18 | 1/2 | 1,907.71 | 1/2 | 1,516.00 | 1/2 | 1,127.60 | 1/2 | 748.38 | 1/2 | 356.64 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,290.05 | 3/4 | 1,899.55 | 3/4 | 1,507.84 | 3/4 | 1,119.77 | 3/4 | 740.22 | 3/4 | 348.46 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 7 | 2,281.91 | 7 | 1,891.39 | 7 | 1,499.68 | 7 | 1,111.95 | 7 | 732.05 | 7 | 340.28 | 7 | | 7 | 7 | | 7 | | 7 |
| 1/4 | 2,273.78 | 1/4 | 1,883.23 | 1/4 | 1,491.52 | 1/4 | 1,104.13 | 1/4 | 723.89 | 1/4 | 332.11 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,265.65 | 1/2 | 1,875.07 | 1/2 | 1,483.36 | 1/2 | 1,096.30 | 1/2 | 715.72 | 1/2 | 323.93 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,257.52 | 3/4 | 1,866.91 | 3/4 | 1,475.20 | 3/4 | 1,088.48 | 3/4 | 707.55 | 3/4 | 315.75 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 8 | 2,249.39 | 8 | 1,858.75 | 8 | 1,467.04 | 8 | 1,080.66 | 8 | 699.39 | 8 | 307.57 | 8 | | 8 | 8 | | 8 | | 8 |
| 1/4 | 2,241.26 | 1/4 | 1,850.59 | 1/4 | 1,458.88 | 1/4 | 1,072.83 | 1/4 | 691.22 | 1/4 | 299.39 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,233.13 | 1/2 | 1,842.43 | 1/2 | 1,450.72 | 1/2 | 1,065.01 | 1/2 | 683.06 | 1/2 | 291.22 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,225.00 | 3/4 | 1,834.27 | 3/4 | 1,442.55 | 3/4 | 1,057.19 | 3/4 | 674.89 | 3/4 | 283.04 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 9 | 2,216.87 | 9 | 1,826.11 | 9 | 1,434.39 | 9 | 1,049.37 | 9 | 666.72 | 9 | 274.86 | 9 | | 9 | 9 | | 9 | | 9 |
| 1/4 | 2,208.74 | 1/4 | 1,817.95 | 1/4 | 1,426.23 | 1/4 | 1,041.54 | 1/4 | 658.56 | 1/4 | 266.70 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,200.61 | 1/2 | 1,809.79 | 1/2 | 1,418.07 | 1/2 | 1,033.72 | 1/2 | 650.39 | 1/2 | 258.53 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,192.47 | 3/4 | 1,801.63 | 3/4 | 1,409.91 | 3/4 | 1,025.90 | 3/4 | 642.23 | 3/4 | 250.37 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 10 | 2,184.34 | 10 | 1,793.46 | 10 | 1,401.75 | 10 | 1,018.07 | 10 | 634.06 | 10 | 242.20 | 10 | | 10 | 10 | | 10 | | 10 |
| 1/4 | 2,176.21 | 1/4 | 1,785.30 | 1/4 | 1,393.59 | 1/4 | 1,010.25 | 1/4 | 625.89 | 1/4 | 233.78 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,168.08 | 1/2 | 1,777.14 | 1/2 | 1,385.43 | 1/2 | 1,002.43 | 1/2 | 617.73 | 1/2 | 225.36 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,159.95 | 3/4 | 1,768.98 | 3/4 | 1,377.27 | 3/4 | 994.60 | 3/4 | 609.56 | 3/4 | 216.93 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 11 | 2,151.82 | 11 | 1,760.82 | 11 | 1,369.11 | 11 | 986.78 | 11 | 601.40 | 11 | 208.51 | 11 | | 11 | 11 | | 11 | | 11 |
| 1/4 | 2,143.69 | 1/4 | 1,752.66 | 1/4 | 1,360.95 | 1/4 | 978.96 | 1/4 | 593.25 | 1/4 | 200.09 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,135.56 | 1/2 | 1,744.50 | 1/2 | 1,352.79 | 1/2 | 971.13 | 1/2 | 585.10 | 1/2 | 191.67 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,127.43 | 3/4 | 1,736.34 | 3/4 | 1,344.63 | 3/4 | 963.31 | 3/4 | 576.95 | 3/4 | 183.24 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
RECALCULATED: 04/29/2013 CL
VERIFIED: 06/01/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30044B"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | |
|-------|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | |
| | | | | | | | | 4,628.93 | | 4,340.72 | | 4,037.19 | | 3,708.25 | | 3,315.95 | | 2,923.62 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,623.08 | 1/4 | 4,334.53 | 1/4 | 4,030.78 | 1/4 | 3,700.07 | 1/4 | 3,307.78 | 1/4 | 2,915.44 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,881.14 | 1/2 | 4,617.23 | 1/2 | 4,328.35 | 1/2 | 4,024.37 | 1/2 | 3,691.90 | 1/2 | 3,299.61 | 1/2 | 2,907.27 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,878.13 | 3/4 | 4,611.37 | 3/4 | 4,322.17 | 3/4 | 4,017.95 | 3/4 | 3,683.73 | 3/4 | 3,291.43 | 3/4 | 2,899.09 |
| 1 | | 1 | | 1 | | 1 | | 4,875.12 | 1 | 4,605.52 | 1 | 4,315.98 | 1 | 4,011.54 | 1 | 3,675.56 | 1 | 3,283.26 | 1 | 2,890.91 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,870.75 | 1/4 | 4,599.64 | 1/4 | 4,309.77 | 1/4 | 4,005.13 | 1/4 | 3,667.38 | 1/4 | 3,275.09 | 1/4 | 2,882.74 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,866.38 | 1/2 | 4,593.76 | 1/2 | 4,303.56 | 1/2 | 3,998.71 | 1/2 | 3,659.21 | 1/2 | 3,266.92 | 1/2 | 2,874.56 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,862.01 | 3/4 | 4,587.88 | 3/4 | 4,297.35 | 3/4 | 3,992.30 | 3/4 | 3,651.04 | 3/4 | 3,258.74 | 3/4 | 2,866.38 |
| 2 | | 2 | | 2 | | 2 | | 4,857.63 | 2 | 4,582.00 | 2 | 4,291.14 | 2 | 3,985.89 | 2 | 3,642.86 | 2 | 3,250.57 | 2 | 2,858.20 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,851.90 | 1/4 | 4,576.09 | 1/4 | 4,284.90 | 1/4 | 3,979.47 | 1/4 | 3,634.69 | 1/4 | 3,242.40 | 1/4 | 2,850.03 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,846.16 | 1/2 | 4,570.18 | 1/2 | 4,278.66 | 1/2 | 3,973.06 | 1/2 | 3,626.52 | 1/2 | 3,234.22 | 1/2 | 2,841.85 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,840.43 | 3/4 | 4,564.27 | 3/4 | 4,272.42 | 3/4 | 3,966.65 | 3/4 | 3,618.35 | 3/4 | 3,226.05 | 3/4 | 2,833.67 |
| 3 | | 3 | | 3 | | 3 | | 4,834.69 | 3 | 4,558.37 | 3 | 4,266.19 | 3 | 3,960.23 | 3 | 3,610.17 | 3 | 3,217.88 | 3 | 2,825.49 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,829.08 | 1/4 | 4,552.43 | 1/4 | 4,259.92 | 1/4 | 3,953.82 | 1/4 | 3,602.00 | 1/4 | 3,209.71 | 1/4 | 2,817.32 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,823.48 | 1/2 | 4,546.49 | 1/2 | 4,253.65 | 1/2 | 3,947.41 | 1/2 | 3,593.83 | 1/2 | 3,201.53 | 1/2 | 2,809.14 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,817.87 | 3/4 | 4,540.56 | 3/4 | 4,247.39 | 3/4 | 3,941.00 | 3/4 | 3,585.65 | 3/4 | 3,193.36 | 3/4 | 2,800.96 |
| 4 | | 4 | | 4 | | 4 | | 4,812.27 | 4 | 4,534.62 | 4 | 4,241.12 | 4 | 3,934.58 | 4 | 3,577.48 | 4 | 3,185.19 | 4 | 2,792.79 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,806.64 | 1/4 | 4,528.66 | 1/4 | 4,234.83 | 1/4 | 3,928.17 | 1/4 | 3,569.31 | 1/4 | 3,177.01 | 1/4 | 2,784.61 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,801.00 | 1/2 | 4,522.70 | 1/2 | 4,228.53 | 1/2 | 3,921.76 | 1/2 | 3,561.14 | 1/2 | 3,168.84 | 1/2 | 2,776.43 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,795.37 | 3/4 | 4,516.73 | 3/4 | 4,222.24 | 3/4 | 3,915.34 | 3/4 | 3,552.96 | 3/4 | 3,160.67 | 3/4 | 2,768.25 |
| 5 | | 5 | | 5 | | 5 | | 4,789.74 | 5 | 4,510.77 | 5 | 4,215.95 | 5 | 3,908.93 | 5 | 3,544.79 | 5 | 3,152.50 | 5 | 2,760.08 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,784.08 | 1/4 | 4,504.78 | 1/4 | 4,209.63 | 1/4 | 3,902.52 | 1/4 | 3,536.62 | 1/4 | 3,144.32 | 1/4 | 2,751.90 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,778.42 | 1/2 | 4,498.79 | 1/2 | 4,203.30 | 1/2 | 3,896.10 | 1/2 | 3,528.45 | 1/2 | 3,136.15 | 1/2 | 2,743.72 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,772.76 | 3/4 | 4,492.80 | 3/4 | 4,196.98 | 3/4 | 3,889.69 | 3/4 | 3,520.27 | 3/4 | 3,127.98 | 3/4 | 2,735.54 |
| 6 | | 6 | | 6 | | 6 | | 4,767.10 | 6 | 4,486.81 | 6 | 4,190.66 | 6 | 3,883.28 | 6 | 3,512.10 | 6 | 3,119.81 | 6 | 2,727.37 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,761.41 | 1/4 | 4,480.79 | 1/4 | 4,184.31 | 1/4 | 3,876.86 | 1/4 | 3,503.93 | 1/4 | 3,111.63 | 1/4 | 2,719.19 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,755.72 | 1/2 | 4,474.77 | 1/2 | 4,177.97 | 1/2 | 3,870.45 | 1/2 | 3,495.75 | 1/2 | 3,103.46 | 1/2 | 2,711.01 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,750.03 | 3/4 | 4,468.75 | 3/4 | 4,171.62 | 3/4 | 3,864.04 | 3/4 | 3,487.58 | 3/4 | 3,095.29 | 3/4 | 2,702.83 |
| 7 | | 7 | | 7 | | 7 | | 4,744.34 | 7 | 4,462.73 | 7 | 4,165.27 | 7 | 3,857.62 | 7 | 3,479.41 | 7 | 3,087.11 | 7 | 2,694.66 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,738.63 | 1/4 | 4,456.69 | 1/4 | 4,158.89 | 1/4 | 3,851.21 | 1/4 | 3,471.24 | 1/4 | 3,078.94 | 1/4 | 2,686.48 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,732.91 | 1/2 | 4,450.64 | 1/2 | 4,152.52 | 1/2 | 3,844.80 | 1/2 | 3,463.06 | 1/2 | 3,070.77 | 1/2 | 2,678.30 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,727.20 | 3/4 | 4,444.60 | 3/4 | 4,146.14 | 3/4 | 3,838.39 | 3/4 | 3,454.89 | 3/4 | 3,062.60 | 3/4 | 2,670.13 |
| 8 | | 8 | | 8 | | 8 | | 4,721.48 | 8 | 4,438.55 | 8 | 4,139.76 | 8 | 3,831.97 | 8 | 3,446.72 | 8 | 3,054.42 | 8 | 2,661.95 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,715.74 | 1/4 | 4,432.48 | 1/4 | 4,133.36 | 1/4 | 3,825.56 | 1/4 | 3,438.54 | 1/4 | 3,046.25 | 1/4 | 2,653.77 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,710.00 | 1/2 | 4,426.40 | 1/2 | 4,126.96 | 1/2 | 3,819.15 | 1/2 | 3,430.37 | 1/2 | 3,038.08 | 1/2 | 2,645.59 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,704.25 | 3/4 | 4,420.33 | 3/4 | 4,120.55 | 3/4 | 3,812.73 | 3/4 | 3,422.20 | 3/4 | 3,029.90 | 3/4 | 2,637.42 |
| 9 | | 9 | | 9 | | 9 | | 4,698.51 | 9 | 4,414.26 | 9 | 4,114.15 | 9 | 3,806.32 | 9 | 3,414.03 | 9 | 3,021.73 | 9 | 2,629.24 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,692.74 | 1/4 | 4,408.16 | 1/4 | 4,107.74 | 1/4 | 3,798.15 | 1/4 | 3,405.85 | 1/4 | 3,013.56 | 1/4 | 2,621.06 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,686.97 | 1/2 | 4,402.06 | 1/2 | 4,101.32 | 1/2 | 3,789.97 | 1/2 | 3,397.68 | 1/2 | 3,005.39 | 1/2 | 2,612.88 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,681.20 | 3/4 | 4,395.96 | 3/4 | 4,094.91 | 3/4 | 3,781.80 | 3/4 | 3,389.51 | 3/4 | 2,997.21 | 3/4 | 2,604.71 |
| 10 | | 10 | | 10 | | 10 | | 4,675.43 | 10 | 4,389.86 | 10 | 4,088.50 | 10 | 3,773.63 | 10 | 3,381.33 | 10 | 2,989.04 | 10 | 2,596.53 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,669.63 | 1/4 | 4,383.73 | 1/4 | 4,082.08 | 1/4 | 3,765.46 | 1/4 | 3,373.16 | 1/4 | 2,980.86 | 1/4 | 2,588.35 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,663.83 | 1/2 | 4,377.60 | 1/2 | 4,075.67 | 1/2 | 3,757.28 | 1/2 | 3,364.99 | 1/2 | 2,972.69 | 1/2 | 2,580.18 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,658.03 | 3/4 | 4,371.47 | 3/4 | 4,069.26 | 3/4 | 3,749.11 | 3/4 | 3,356.82 | 3/4 | 2,964.51 | 3/4 | 2,572.00 |
| 11 | | 11 | | 11 | | 11 | | 4,652.24 | 11 | 4,365.34 | 11 | 4,062.84 | 11 | 3,740.94 | 11 | 3,348.64 | 11 | 2,956.33 | 11 | 2,563.82 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 4,646.41 | 1/4 | 4,359.19 | 1/4 | 4,056.43 | 1/4 | 3,732.76 | 1/4 | 3,340.47 | 1/4 | 2,948.15 | 1/4 | 2,555.64 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 4,640.58 | 1/2 | 4,353.03 | 1/2 | 4,050.02 | 1/2 | 3,724.59 | 1/2 | 3,332.30 | 1/2 | 2,939.98 | 1/2 | 2,547.47 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 4,634.76 | 3/4 | 4,346.87 | 3/4 | 4,043.60 | 3/4 | 3,716.42 | 3/4 | 3,324.13 | 3/4 | 2,931.80 | 3/4 | 2,539.29 |

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 59'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 30044B"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 16'-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 | 2,531.11 | 0 | 2,138.60 | 0 | 1,746.40 | 0 | 1,353.86 | 0 | 961.49 | 0 | 569.03 | 0 | 174.81 | 0 | | 0 | | 0 | |
| 1/4 | 2,522.93 | 1/4 | 2,130.42 | 1/4 | 1,738.22 | 1/4 | 1,345.68 | 1/4 | 953.31 | 1/4 | 560.87 | 1/4 | 167.23 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,514.76 | 1/2 | 2,122.25 | 1/2 | 1,730.04 | 1/2 | 1,337.50 | 1/2 | 945.13 | 1/2 | 552.71 | 1/2 | 159.66 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,506.58 | 3/4 | 2,114.07 | 3/4 | 1,721.87 | 3/4 | 1,329.32 | 3/4 | 936.96 | 3/4 | 544.55 | 3/4 | 152.08 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 1 | 2,498.40 | 1 | 2,105.89 | 1 | 1,713.69 | 1 | 1,321.14 | 1 | 928.78 | 1 | 536.39 | 1 | 144.50 | 1 | 1 | | 1 | | 1 |
| 1/4 | 2,490.22 | 1/4 | 2,097.71 | 1/4 | 1,705.51 | 1/4 | 1,312.97 | 1/4 | 920.60 | 1/4 | 528.23 | 1/4 | 138.10 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,482.05 | 1/2 | 2,089.54 | 1/2 | 1,697.33 | 1/2 | 1,304.79 | 1/2 | 912.42 | 1/2 | 520.07 | 1/2 | 131.70 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,473.87 | 3/4 | 2,081.36 | 3/4 | 1,689.15 | 3/4 | 1,296.61 | 3/4 | 904.24 | 3/4 | 511.91 | 3/4 | 125.30 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 2 | 2,465.69 | 2 | 2,073.18 | 2 | 1,680.98 | 2 | 1,288.43 | 2 | 896.07 | 2 | 503.75 | 2 | 118.90 | 2 | 2 | | 2 | | 2 |
| 1/4 | 2,457.52 | 1/4 | 2,065.01 | 1/4 | 1,672.80 | 1/4 | 1,280.25 | 1/4 | 887.89 | 1/4 | 495.59 | 1/4 | 113.68 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,449.34 | 1/2 | 2,056.83 | 1/2 | 1,664.62 | 1/2 | 1,272.08 | 1/2 | 879.71 | 1/2 | 487.43 | 1/2 | 108.47 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,441.16 | 3/4 | 2,048.65 | 3/4 | 1,656.44 | 3/4 | 1,263.90 | 3/4 | 871.53 | 3/4 | 479.27 | 3/4 | 103.25 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 3 | 2,432.98 | 3 | 2,040.47 | 3 | 1,648.26 | 3 | 1,255.72 | 3 | 863.36 | 3 | 471.12 | 3 | 98.03 | 3 | 3 | | 3 | | 3 |
| 1/4 | 2,424.81 | 1/4 | 2,032.30 | 1/4 | 1,640.09 | 1/4 | 1,247.54 | 1/4 | 855.18 | 1/4 | 462.94 | 1/4 | 94.01 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,416.63 | 1/2 | 2,024.12 | 1/2 | 1,631.91 | 1/2 | 1,239.36 | 1/2 | 847.00 | 1/2 | 454.76 | 1/2 | 89.98 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,408.45 | 3/4 | 2,015.94 | 3/4 | 1,623.73 | 3/4 | 1,231.19 | 3/4 | 838.82 | 3/4 | 446.58 | 3/4 | 85.95 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 4 | 2,400.27 | 4 | 2,007.76 | 4 | 1,615.55 | 4 | 1,223.01 | 4 | 830.64 | 4 | 438.40 | 4 | 81.93 | 4 | 4 | | 4 | | 4 |
| 1/4 | 2,392.10 | 1/4 | 1,999.59 | 1/4 | 1,607.37 | 1/4 | 1,214.84 | 1/4 | 822.47 | 1/4 | 430.23 | 1/4 | 79.34 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,383.92 | 1/2 | 1,991.41 | 1/2 | 1,599.20 | 1/2 | 1,206.66 | 1/2 | 814.29 | 1/2 | 422.05 | 1/2 | 76.76 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,375.74 | 3/4 | 1,983.23 | 3/4 | 1,591.02 | 3/4 | 1,198.49 | 3/4 | 806.11 | 3/4 | 413.87 | 3/4 | 74.17 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 5 | 2,367.57 | 5 | 1,975.06 | 5 | 1,582.84 | 5 | 1,190.32 | 5 | 797.93 | 5 | 405.69 | 5 | 71.59 | 5 | 5 | | 5 | | 5 |
| 1/4 | 2,359.39 | 1/4 | 1,966.89 | 1/4 | 1,574.66 | 1/4 | 1,182.15 | 1/4 | 789.75 | 1/4 | 397.52 | 1/4 | 70.23 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,351.21 | 1/2 | 1,958.72 | 1/2 | 1,566.48 | 1/2 | 1,173.97 | 1/2 | 781.58 | 1/2 | 389.34 | 1/2 | 68.86 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,343.03 | 3/4 | 1,950.55 | 3/4 | 1,558.31 | 3/4 | 1,165.80 | 3/4 | 773.40 | 3/4 | 381.16 | 3/4 | 67.50 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 6 | 2,334.86 | 6 | 1,942.39 | 6 | 1,550.13 | 6 | 1,157.63 | 6 | 765.22 | 6 | 372.98 | 6 | 66.13 | 6 | 6 | | 6 | | 6 |
| 1/4 | 2,326.68 | 1/4 | 1,934.23 | 1/4 | 1,541.95 | 1/4 | 1,149.46 | 1/4 | 757.04 | 1/4 | 364.80 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,318.50 | 1/2 | 1,926.07 | 1/2 | 1,533.77 | 1/2 | 1,141.28 | 1/2 | 748.87 | 1/2 | 356.63 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,310.32 | 3/4 | 1,917.91 | 3/4 | 1,525.59 | 3/4 | 1,133.11 | 3/4 | 740.69 | 3/4 | 348.45 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 7 | 2,302.15 | 7 | 1,909.76 | 7 | 1,517.42 | 7 | 1,124.94 | 7 | 732.51 | 7 | 340.27 | 7 | 7 | 7 | 7 | | 7 | | 7 |
| 1/4 | 2,293.97 | 1/4 | 1,901.60 | 1/4 | 1,509.24 | 1/4 | 1,116.77 | 1/4 | 724.33 | 1/4 | 332.09 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,285.79 | 1/2 | 1,893.44 | 1/2 | 1,501.06 | 1/2 | 1,108.59 | 1/2 | 716.15 | 1/2 | 323.92 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,277.62 | 3/4 | 1,885.28 | 3/4 | 1,492.88 | 3/4 | 1,100.42 | 3/4 | 707.98 | 3/4 | 315.74 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 8 | 2,269.44 | 8 | 1,877.13 | 8 | 1,484.70 | 8 | 1,092.25 | 8 | 699.80 | 8 | 307.56 | 8 | 8 | 8 | 8 | | 8 | | 8 |
| 1/4 | 2,261.26 | 1/4 | 1,868.97 | 1/4 | 1,476.53 | 1/4 | 1,084.08 | 1/4 | 691.62 | 1/4 | 299.38 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,253.08 | 1/2 | 1,860.81 | 1/2 | 1,468.35 | 1/2 | 1,075.90 | 1/2 | 683.44 | 1/2 | 291.21 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,244.91 | 3/4 | 1,852.65 | 3/4 | 1,460.17 | 3/4 | 1,067.73 | 3/4 | 675.27 | 3/4 | 283.03 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 9 | 2,236.73 | 9 | 1,844.49 | 9 | 1,451.99 | 9 | 1,059.56 | 9 | 667.09 | 9 | 274.85 | 9 | 9 | 9 | 9 | | 9 | | 9 |
| 1/4 | 2,228.55 | 1/4 | 1,836.33 | 1/4 | 1,443.81 | 1/4 | 1,051.39 | 1/4 | 658.91 | 1/4 | 266.69 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,220.37 | 1/2 | 1,828.16 | 1/2 | 1,435.64 | 1/2 | 1,043.21 | 1/2 | 650.73 | 1/2 | 258.52 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,212.20 | 3/4 | 1,819.99 | 3/4 | 1,427.46 | 3/4 | 1,035.04 | 3/4 | 642.55 | 3/4 | 250.36 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 10 | 2,204.02 | 10 | 1,811.82 | 10 | 1,419.28 | 10 | 1,026.87 | 10 | 634.38 | 10 | 242.19 | 10 | 10 | 10 | 10 | | 10 | | 10 |
| 1/4 | 2,195.84 | 1/4 | 1,803.65 | 1/4 | 1,411.10 | 1/4 | 1,018.70 | 1/4 | 626.20 | 1/4 | 233.77 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,187.66 | 1/2 | 1,795.47 | 1/2 | 1,402.92 | 1/2 | 1,010.52 | 1/2 | 618.02 | 1/2 | 225.35 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,179.49 | 3/4 | 1,787.29 | 3/4 | 1,394.75 | 3/4 | 1,002.35 | 3/4 | 609.84 | 3/4 | 216.93 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 11 | 2,171.31 | 11 | 1,779.11 | 11 | 1,386.57 | 11 | 994.18 | 11 | 601.67 | 11 | 208.50 | 11 | 11 | 11 | 11 | | 11 | | 11 |
| 1/4 | 2,163.13 | 1/4 | 1,770.93 | 1/4 | 1,378.39 | 1/4 | 986.01 | 1/4 | 593.51 | 1/4 | 200.08 | 1/4 | | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,154.96 | 1/2 | 1,762.76 | 1/2 | 1,370.21 | 1/2 | 977.83 | 1/2 | 585.35 | 1/2 | 191.66 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,146.78 | 3/4 | 1,754.58 | 3/4 | 1,362.03 | 3/4 | 969.66 | 3/4 | 577.19 | 3/4 | 183.23 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
RECALCULATED: 04/29/2013 CL
VERIFIED: 06/01/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
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