



# BARGE "KIRBY 10250"

## 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 | 00-1/8     | - 00-1/8     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-7/8     | - 00-7/8     | 01-0/8     | - 01-0/8     |
| 2 CENTER | 00-1/8     | - 00-1/8     | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-1/2     | - 00-1/2     |
| 3 CENTER | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

July 13, 2023

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

<http://www.pmacorp.net>



# BARGE "KIRBY 10250"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

| 0 FT. |     | 1 FT. |     | 2 FT. |     | 3 FT. |          | 4 FT. |          | 5 FT. |          | 6 FT. |          | 7 FT. |          | 8 FT. |          | 9 FT. |          |    |     |
|-------|-----|-------|-----|-------|-----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|----|-----|
| IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN | OUT |
| 0     |     | 0     |     | 0     |     | 0     |          | 0     | 3,550.20 | 0     | 3,297.20 | 0     | 3,044.20 | 0     | 2,784.64 | 0     | 2,488.92 | 0     | 2,192.51 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,765.84 | 1/4   | 3,544.93 | 1/4   | 3,291.93 | 1/4   | 3,038.93 | 1/4   | 2,778.48 | 1/4   | 2,482.74 | 1/4   | 2,186.34 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,764.81 | 1/2   | 3,539.65 | 1/2   | 3,286.66 | 1/2   | 3,033.66 | 1/2   | 2,772.33 | 1/2   | 2,476.57 | 1/2   | 2,180.16 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,763.77 | 3/4   | 3,534.38 | 3/4   | 3,281.39 | 3/4   | 3,028.39 | 3/4   | 2,766.17 | 3/4   | 2,470.39 | 3/4   | 2,173.99 |    |     |
| 1     |     | 1     |     | 1     |     | 1     | 3,762.74 | 1     | 3,529.11 | 1     | 3,276.11 | 1     | 3,023.12 | 1     | 2,760.01 | 1     | 2,464.22 | 1     | 2,167.81 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,761.71 | 1/4   | 3,523.84 | 1/4   | 3,270.84 | 1/4   | 3,017.85 | 1/4   | 2,753.86 | 1/4   | 2,458.04 | 1/4   | 2,161.64 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,758.61 | 1/2   | 3,518.57 | 1/2   | 3,265.57 | 1/2   | 3,012.57 | 1/2   | 2,747.70 | 1/2   | 2,451.87 | 1/2   | 2,155.46 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,755.51 | 3/4   | 3,513.30 | 3/4   | 3,260.30 | 3/4   | 3,007.30 | 3/4   | 2,741.54 | 3/4   | 2,445.69 | 3/4   | 2,149.29 |    |     |
| 2     |     | 2     |     | 2     |     | 2     | 3,752.41 | 2     | 3,508.03 | 2     | 3,255.03 | 2     | 3,002.03 | 2     | 2,735.39 | 2     | 2,439.52 | 2     | 2,143.11 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,749.31 | 1/4   | 3,502.76 | 1/4   | 3,249.76 | 1/4   | 2,996.76 | 1/4   | 2,729.23 | 1/4   | 2,433.34 | 1/4   | 2,136.94 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,745.15 | 1/2   | 3,497.49 | 1/2   | 3,244.49 | 1/2   | 2,991.49 | 1/2   | 2,723.07 | 1/2   | 2,427.17 | 1/2   | 2,130.76 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,741.00 | 3/4   | 3,492.22 | 3/4   | 3,239.22 | 3/4   | 2,986.22 | 3/4   | 2,716.92 | 3/4   | 2,420.99 | 3/4   | 2,124.59 |    |     |
| 3     |     | 3     |     | 3     |     | 3     | 3,736.85 | 3     | 3,486.95 | 3     | 3,233.95 | 3     | 2,980.95 | 3     | 2,710.76 | 3     | 2,414.82 | 3     | 2,118.41 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,732.70 | 1/4   | 3,481.68 | 1/4   | 3,228.68 | 1/4   | 2,975.68 | 1/4   | 2,704.60 | 1/4   | 2,408.64 | 1/4   | 2,112.24 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,727.57 | 1/2   | 3,476.40 | 1/2   | 3,223.41 | 1/2   | 2,970.41 | 1/2   | 2,698.45 | 1/2   | 2,402.47 | 1/2   | 2,106.06 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,722.43 | 3/4   | 3,471.13 | 3/4   | 3,218.14 | 3/4   | 2,965.14 | 3/4   | 2,692.29 | 3/4   | 2,396.29 | 3/4   | 2,099.89 |    |     |
| 4     |     | 4     |     | 4     |     | 4     | 3,717.29 | 4     | 3,465.86 | 4     | 3,212.86 | 4     | 2,959.87 | 4     | 2,686.13 | 4     | 2,390.12 | 4     | 2,093.71 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,712.16 | 1/4   | 3,460.59 | 1/4   | 3,207.59 | 1/4   | 2,954.60 | 1/4   | 2,679.98 | 1/4   | 2,383.94 | 1/4   | 2,087.54 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,706.98 | 1/2   | 3,455.32 | 1/2   | 3,202.32 | 1/2   | 2,949.32 | 1/2   | 2,673.82 | 1/2   | 2,377.77 | 1/2   | 2,081.36 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,701.81 | 3/4   | 3,450.05 | 3/4   | 3,197.05 | 3/4   | 2,944.05 | 3/4   | 2,667.66 | 3/4   | 2,371.59 | 3/4   | 2,075.19 |    |     |
| 5     |     | 5     |     | 5     |     | 5     | 3,696.64 | 5     | 3,444.78 | 5     | 3,191.78 | 5     | 2,938.78 | 5     | 2,661.51 | 5     | 2,365.42 | 5     | 2,069.01 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,691.47 | 1/4   | 3,439.51 | 1/4   | 3,186.51 | 1/4   | 2,933.51 | 1/4   | 2,655.35 | 1/4   | 2,359.24 | 1/4   | 2,062.84 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,686.28 | 1/2   | 3,434.24 | 1/2   | 3,181.24 | 1/2   | 2,928.24 | 1/2   | 2,649.19 | 1/2   | 2,353.07 | 1/2   | 2,056.66 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,681.10 | 3/4   | 3,428.97 | 3/4   | 3,175.97 | 3/4   | 2,922.97 | 3/4   | 2,643.04 | 3/4   | 2,346.89 | 3/4   | 2,050.49 |    |     |
| 6     |     | 6     |     | 6     |     | 6     | 3,675.91 | 6     | 3,423.70 | 6     | 3,170.70 | 6     | 2,917.70 | 6     | 2,636.88 | 6     | 2,340.72 | 6     | 2,044.31 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,670.72 | 1/4   | 3,418.43 | 1/4   | 3,165.43 | 1/4   | 2,912.43 | 1/4   | 2,630.72 | 1/4   | 2,334.54 | 1/4   | 2,038.14 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,665.54 | 1/2   | 3,413.16 | 1/2   | 3,160.16 | 1/2   | 2,907.16 | 1/2   | 2,624.57 | 1/2   | 2,328.37 | 1/2   | 2,031.96 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,660.36 | 3/4   | 3,407.88 | 3/4   | 3,154.89 | 3/4   | 2,901.89 | 3/4   | 2,618.41 | 3/4   | 2,322.19 | 3/4   | 2,025.79 |    |     |
| 7     |     | 7     |     | 7     |     | 7     | 3,655.17 | 7     | 3,402.61 | 7     | 3,149.62 | 7     | 2,896.62 | 7     | 2,612.25 | 7     | 2,316.02 | 7     | 2,019.61 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,649.99 | 1/4   | 3,397.34 | 1/4   | 3,144.34 | 1/4   | 2,891.35 | 1/4   | 2,606.10 | 1/4   | 2,309.84 | 1/4   | 2,013.44 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,644.81 | 1/2   | 3,392.07 | 1/2   | 3,139.07 | 1/2   | 2,886.08 | 1/2   | 2,599.94 | 1/2   | 2,303.67 | 1/2   | 2,007.26 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,639.62 | 3/4   | 3,386.80 | 3/4   | 3,133.80 | 3/4   | 2,880.80 | 3/4   | 2,593.78 | 3/4   | 2,297.49 | 3/4   | 2,001.09 |    |     |
| 8     |     | 8     |     | 8     |     | 8     | 3,634.44 | 8     | 3,381.53 | 8     | 3,128.53 | 8     | 2,875.53 | 8     | 2,587.63 | 8     | 2,291.32 | 8     | 1,994.91 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,629.26 | 1/4   | 3,376.26 | 1/4   | 3,123.26 | 1/4   | 2,870.26 | 1/4   | 2,581.47 | 1/4   | 2,285.14 | 1/4   | 1,988.74 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,623.99 | 1/2   | 3,370.99 | 1/2   | 3,117.99 | 1/2   | 2,864.97 | 1/2   | 2,575.31 | 1/2   | 2,278.96 | 1/2   | 1,982.56 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,618.72 | 3/4   | 3,365.72 | 3/4   | 3,112.72 | 3/4   | 2,859.67 | 3/4   | 2,569.16 | 3/4   | 2,272.79 | 3/4   | 1,976.39 |    |     |
| 9     |     | 9     |     | 9     |     | 9     | 3,613.45 | 9     | 3,360.45 | 9     | 3,107.45 | 9     | 2,854.38 | 9     | 2,563.00 | 9     | 2,266.61 | 9     | 1,970.21 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,608.17 | 1/4   | 3,355.18 | 1/4   | 3,102.18 | 1/4   | 2,849.08 | 1/4   | 2,556.84 | 1/4   | 2,260.44 | 1/4   | 1,964.03 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,602.90 | 1/2   | 3,349.91 | 1/2   | 3,096.91 | 1/2   | 2,843.78 | 1/2   | 2,550.67 | 1/2   | 2,254.26 | 1/2   | 1,957.86 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,597.63 | 3/4   | 3,344.63 | 3/4   | 3,091.64 | 3/4   | 2,838.49 | 3/4   | 2,544.49 | 3/4   | 2,248.09 | 3/4   | 1,951.68 |    |     |
| 10    |     | 10    |     | 10    |     | 10    | 3,592.36 | 10    | 3,339.36 | 10    | 3,086.37 | 10    | 2,833.19 | 10    | 2,538.32 | 10    | 2,241.91 | 10    | 1,945.51 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,587.09 | 1/4   | 3,334.09 | 1/4   | 3,081.09 | 1/4   | 2,827.90 | 1/4   | 2,532.14 | 1/4   | 2,235.74 | 1/4   | 1,939.33 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,581.82 | 1/2   | 3,328.82 | 1/2   | 3,075.82 | 1/2   | 2,821.70 | 1/2   | 2,525.97 | 1/2   | 2,229.56 | 1/2   | 1,933.16 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,576.55 | 3/4   | 3,323.55 | 3/4   | 3,070.55 | 3/4   | 2,815.50 | 3/4   | 2,519.79 | 3/4   | 2,223.39 | 3/4   | 1,926.98 |    |     |
| 11    |     | 11    |     | 11    |     | 11    | 3,571.28 | 11    | 3,318.28 | 11    | 3,065.28 | 11    | 2,809.31 | 11    | 2,513.62 | 11    | 2,217.21 | 11    | 1,920.81 |    |     |
| 1/4   |     | 1/4   |     | 1/4   |     | 1/4   | 3,566.01 | 1/4   | 3,313.01 | 1/4   | 3,060.01 | 1/4   | 2,803.11 | 1/4   | 2,507.44 | 1/4   | 2,211.04 | 1/4   | 1,914.63 |    |     |
| 1/2   |     | 1/2   |     | 1/2   |     | 1/2   | 3,560.74 | 1/2   | 3,307.74 | 1/2   | 3,054.74 | 1/2   | 2,796.95 | 1/2   | 2,501.27 | 1/2   | 2,204.86 | 1/2   | 1,908.46 |    |     |
| 3/4   |     | 3/4   |     | 3/4   |     | 3/4   | 3,555.47 | 3/4   | 3,302.47 | 3/4   | 3,049.47 | 3/4   | 2,790.80 | 3/4   | 2,495.09 | 3/4   | 2,198.69 | 3/4   | 1,902.28 |    |     |

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 ON CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10250"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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   | 1,896.11 | 0   | 1,599.47 | 0   | 1,302.66 | 0   | 1,005.84 | 0   | 714.96 | 0   | 418.11 | 0   | 121.09 | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,889.93 | 1/4 | 1,593.29 | 1/4 | 1,296.48 | 1/4 | 999.66   | 1/4 | 708.87 | 1/4 | 411.93 | 1/4 | 114.91 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,883.76 | 1/2 | 1,587.11 | 1/2 | 1,290.29 | 1/2 | 993.47   | 1/2 | 702.70 | 1/2 | 405.74 | 1/2 | 108.75 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,877.58 | 3/4 | 1,580.93 | 3/4 | 1,284.11 | 3/4 | 987.29   | 3/4 | 696.53 | 3/4 | 399.55 | 3/4 | 102.59 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 1   | 1,871.41 | 1   | 1,574.74 | 1   | 1,277.92 | 1   | 981.11   | 1   | 690.36 | 1   | 393.36 | 1   | 96.43  | 1   | 1      | 1   | 1      | 1   | 1      |
| 1/4 | 1,865.23 | 1/4 | 1,568.56 | 1/4 | 1,271.74 | 1/4 | 974.92   | 1/4 | 684.19 | 1/4 | 387.17 | 1/4 | 90.27  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,859.06 | 1/2 | 1,562.37 | 1/2 | 1,265.56 | 1/2 | 968.80   | 1/2 | 678.00 | 1/2 | 380.99 | 1/2 | 84.14  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,852.88 | 3/4 | 1,556.19 | 3/4 | 1,259.37 | 3/4 | 962.68   | 3/4 | 671.82 | 3/4 | 374.80 | 3/4 | 78.01  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 2   | 1,846.71 | 2   | 1,550.01 | 2   | 1,253.19 | 2   | 956.56   | 2   | 665.63 | 2   | 368.61 | 2   | 71.89  | 2   | 2      | 2   | 2      | 2   | 2      |
| 1/4 | 1,840.53 | 1/4 | 1,543.82 | 1/4 | 1,247.01 | 1/4 | 950.44   | 1/4 | 659.44 | 1/4 | 362.42 | 1/4 | 65.76  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,834.36 | 1/2 | 1,537.64 | 1/2 | 1,240.82 | 1/2 | 944.38   | 1/2 | 653.26 | 1/2 | 356.23 | 1/2 | 59.69  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,828.18 | 3/4 | 1,531.46 | 3/4 | 1,234.64 | 3/4 | 938.32   | 3/4 | 647.07 | 3/4 | 350.05 | 3/4 | 53.61  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 3   | 1,822.01 | 3   | 1,525.27 | 3   | 1,228.45 | 3   | 932.27   | 3   | 640.88 | 3   | 343.86 | 3   | 47.54  | 3   | 3      | 3   | 3      | 3   | 3      |
| 1/4 | 1,815.83 | 1/4 | 1,519.09 | 1/4 | 1,222.27 | 1/4 | 926.21   | 1/4 | 634.69 | 1/4 | 337.67 | 1/4 | 41.47  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,809.65 | 1/2 | 1,512.91 | 1/2 | 1,216.09 | 1/2 | 920.15   | 1/2 | 628.51 | 1/2 | 331.48 | 1/2 | 36.31  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,803.47 | 3/4 | 1,506.72 | 3/4 | 1,209.90 | 3/4 | 914.09   | 3/4 | 622.32 | 3/4 | 325.29 | 3/4 | 31.16  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 4   | 1,797.28 | 4   | 1,500.54 | 4   | 1,203.72 | 4   | 908.04   | 4   | 616.13 | 4   | 319.11 | 4   | 26.00  | 4   | 4      | 4   | 4      | 4   | 4      |
| 1/4 | 1,791.10 | 1/4 | 1,494.35 | 1/4 | 1,197.54 | 1/4 | 901.98   | 1/4 | 609.94 | 1/4 | 312.92 | 1/4 | 20.84  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,784.91 | 1/2 | 1,488.17 | 1/2 | 1,191.35 | 1/2 | 895.94   | 1/2 | 603.75 | 1/2 | 306.73 | 1/2 | 17.74  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,778.73 | 3/4 | 1,481.99 | 3/4 | 1,185.17 | 3/4 | 889.90   | 3/4 | 597.57 | 3/4 | 300.54 | 3/4 | 14.64  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 5   | 1,772.55 | 5   | 1,475.80 | 5   | 1,178.99 | 5   | 883.86   | 5   | 591.38 | 5   | 294.35 | 5   | 11.54  | 5   | 5      | 5   | 5      | 5   | 5      |
| 1/4 | 1,766.36 | 1/4 | 1,469.62 | 1/4 | 1,172.80 | 1/4 | 877.82   | 1/4 | 585.19 | 1/4 | 288.17 | 1/4 | 8.44   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,760.18 | 1/2 | 1,463.44 | 1/2 | 1,166.62 | 1/2 | 871.79   | 1/2 | 579.00 | 1/2 | 281.98 | 1/2 | 7.41   | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,754.00 | 3/4 | 1,457.25 | 3/4 | 1,160.43 | 3/4 | 865.77   | 3/4 | 572.81 | 3/4 | 275.79 | 3/4 | 6.38   | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 6   | 1,747.81 | 6   | 1,451.07 | 6   | 1,154.25 | 6   | 859.74   | 6   | 566.63 | 6   | 269.60 | 6   | 5.34   | 6   | 6      | 6   | 6      | 6   | 6      |
| 1/4 | 1,741.63 | 1/4 | 1,444.88 | 1/4 | 1,148.07 | 1/4 | 853.72   | 1/4 | 560.44 | 1/4 | 263.41 | 1/4 | 4.31   | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,735.45 | 1/2 | 1,438.70 | 1/2 | 1,141.88 | 1/2 | 847.69   | 1/2 | 554.25 | 1/2 | 257.23 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,729.27 | 3/4 | 1,432.52 | 3/4 | 1,135.70 | 3/4 | 841.67   | 3/4 | 548.06 | 3/4 | 251.04 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 7   | 1,723.08 | 7   | 1,426.33 | 7   | 1,129.52 | 7   | 835.64   | 7   | 541.87 | 7   | 244.85 | 7   |        | 7   | 7      | 7   | 7      | 7   | 7      |
| 1/4 | 1,716.90 | 1/4 | 1,420.15 | 1/4 | 1,123.33 | 1/4 | 829.62   | 1/4 | 535.69 | 1/4 | 238.66 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,710.72 | 1/2 | 1,413.97 | 1/2 | 1,117.15 | 1/2 | 823.60   | 1/2 | 529.50 | 1/2 | 232.47 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,704.54 | 3/4 | 1,407.78 | 3/4 | 1,110.96 | 3/4 | 817.57   | 3/4 | 523.31 | 3/4 | 226.29 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 8   | 1,698.36 | 8   | 1,401.60 | 8   | 1,104.78 | 8   | 811.55   | 8   | 517.12 | 8   | 220.10 | 8   |        | 8   | 8      | 8   | 8      | 8   | 8      |
| 1/4 | 1,692.18 | 1/4 | 1,395.41 | 1/4 | 1,098.60 | 1/4 | 805.52   | 1/4 | 510.93 | 1/4 | 213.91 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,686.00 | 1/2 | 1,389.23 | 1/2 | 1,092.41 | 1/2 | 799.50   | 1/2 | 504.75 | 1/2 | 207.72 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,679.82 | 3/4 | 1,383.05 | 3/4 | 1,086.23 | 3/4 | 793.47   | 3/4 | 498.56 | 3/4 | 201.53 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 9   | 1,673.64 | 9   | 1,376.86 | 9   | 1,080.05 | 9   | 787.45   | 9   | 492.37 | 9   | 195.35 | 9   |        | 9   | 9      | 9   | 9      | 9   | 9      |
| 1/4 | 1,667.46 | 1/4 | 1,370.68 | 1/4 | 1,073.86 | 1/4 | 781.42   | 1/4 | 486.18 | 1/4 | 189.16 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,661.28 | 1/2 | 1,364.50 | 1/2 | 1,067.68 | 1/2 | 775.40   | 1/2 | 479.99 | 1/2 | 182.97 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,655.10 | 3/4 | 1,358.31 | 3/4 | 1,061.50 | 3/4 | 769.37   | 3/4 | 473.81 | 3/4 | 176.78 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 10  | 1,648.92 | 10  | 1,352.13 | 10  | 1,055.31 | 10  | 763.35   | 10  | 467.62 | 10  | 170.60 | 10  |        | 10  | 10     | 10  | 10     | 10  | 10     |
| 1/4 | 1,642.74 | 1/4 | 1,345.95 | 1/4 | 1,049.13 | 1/4 | 757.32   | 1/4 | 461.43 | 1/4 | 164.41 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,636.56 | 1/2 | 1,339.76 | 1/2 | 1,042.94 | 1/2 | 751.30   | 1/2 | 455.24 | 1/2 | 158.22 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,630.38 | 3/4 | 1,333.58 | 3/4 | 1,036.76 | 3/4 | 745.27   | 3/4 | 449.05 | 3/4 | 152.02 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 11  | 1,624.20 | 11  | 1,327.39 | 11  | 1,030.58 | 11  | 739.25   | 11  | 442.87 | 11  | 145.83 | 11  |        | 11  | 11     | 11  | 11     | 11  | 11     |
| 1/4 | 1,618.01 | 1/4 | 1,321.21 | 1/4 | 1,024.39 | 1/4 | 733.22   | 1/4 | 436.68 | 1/4 | 139.64 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,611.83 | 1/2 | 1,315.03 | 1/2 | 1,018.21 | 1/2 | 727.14   | 1/2 | 430.49 | 1/2 | 133.45 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,605.65 | 3/4 | 1,308.84 | 3/4 | 1,012.03 | 3/4 | 721.05   | 3/4 | 424.30 | 3/4 | 127.27 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL  
CALCULATED: 06/11/2013 CL  
VERIFIED: 07/13/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2023

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



# BARGE "KIRBY 10250"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

| 0 FT. |     | 1 FT. |     | 2 FT. |     | 3 FT. |          | 4 FT. |          | 5 FT. |          | 6 FT. |          | 7 FT. |          | 8 FT. |          | 9 FT. |          |
|-------|-----|-------|-----|-------|-----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      |
| 0     |     | 0     |     | 0     |     | 0     | 3,477.58 | 0     | 3,246.20 | 0     | 2,984.10 | 0     | 2,722.00 | 0     | 2,459.41 | 0     | 2,195.91 | 0     | 1,932.42 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,476.67 | 1/4   | 3,240.74 | 1/4   | 2,978.64 | 1/4   | 2,716.54 | 1/4   | 2,453.92 | 1/4   | 2,190.42 | 1/4   | 1,926.93 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,475.75 | 1/2   | 3,235.28 | 1/2   | 2,973.18 | 1/2   | 2,711.08 | 1/2   | 2,448.43 | 1/2   | 2,184.93 | 1/2   | 1,921.44 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,474.84 | 3/4   | 3,229.82 | 3/4   | 2,967.72 | 3/4   | 2,705.62 | 3/4   | 2,442.94 | 3/4   | 2,179.45 | 3/4   | 1,915.95 |
| 1     |     | 1     |     | 1     |     | 1     | 3,472.09 | 1     | 3,224.36 | 1     | 2,962.26 | 1     | 2,700.16 | 1     | 2,437.45 | 1     | 2,173.96 | 1     | 1,910.46 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,469.35 | 1/4   | 3,218.90 | 1/4   | 2,956.80 | 1/4   | 2,694.70 | 1/4   | 2,431.96 | 1/4   | 2,168.47 | 1/4   | 1,904.97 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,466.60 | 1/2   | 3,213.44 | 1/2   | 2,951.34 | 1/2   | 2,689.24 | 1/2   | 2,426.47 | 1/2   | 2,162.98 | 1/2   | 1,899.48 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,463.85 | 3/4   | 3,207.98 | 3/4   | 2,945.88 | 3/4   | 2,683.78 | 3/4   | 2,420.98 | 3/4   | 2,157.49 | 3/4   | 1,893.99 |
| 2     |     | 2     |     | 2     |     | 2     | 3,459.40 | 2     | 3,202.52 | 2     | 2,940.42 | 2     | 2,678.32 | 2     | 2,415.49 | 2     | 2,152.00 | 2     | 1,888.50 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,454.96 | 1/4   | 3,197.06 | 1/4   | 2,934.96 | 1/4   | 2,672.86 | 1/4   | 2,410.00 | 1/4   | 2,146.51 | 1/4   | 1,883.01 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,450.51 | 1/2   | 3,191.60 | 1/2   | 2,929.50 | 1/2   | 2,667.40 | 1/2   | 2,404.51 | 1/2   | 2,141.02 | 1/2   | 1,877.52 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,446.06 | 3/4   | 3,186.14 | 3/4   | 2,924.04 | 3/4   | 2,661.94 | 3/4   | 2,399.03 | 3/4   | 2,135.53 | 3/4   | 1,872.03 |
| 3     |     | 3     |     | 3     |     | 3     | 3,440.74 | 3     | 3,180.68 | 3     | 2,918.58 | 3     | 2,656.48 | 3     | 2,393.54 | 3     | 2,130.04 | 3     | 1,866.54 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,435.42 | 1/4   | 3,175.22 | 1/4   | 2,913.12 | 1/4   | 2,651.02 | 1/4   | 2,388.05 | 1/4   | 2,124.55 | 1/4   | 1,861.05 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,430.10 | 1/2   | 3,169.76 | 1/2   | 2,907.66 | 1/2   | 2,645.56 | 1/2   | 2,382.56 | 1/2   | 2,119.06 | 1/2   | 1,855.56 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,424.78 | 3/4   | 3,164.30 | 3/4   | 2,902.20 | 3/4   | 2,640.10 | 3/4   | 2,377.07 | 3/4   | 2,113.57 | 3/4   | 1,850.08 |
| 4     |     | 4     |     | 4     |     | 4     | 3,419.43 | 4     | 3,158.84 | 4     | 2,896.74 | 4     | 2,634.64 | 4     | 2,371.58 | 4     | 2,108.08 | 4     | 1,844.59 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,414.07 | 1/4   | 3,153.38 | 1/4   | 2,891.28 | 1/4   | 2,629.18 | 1/4   | 2,366.09 | 1/4   | 2,102.59 | 1/4   | 1,839.10 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,408.72 | 1/2   | 3,147.91 | 1/2   | 2,885.82 | 1/2   | 2,623.72 | 1/2   | 2,360.60 | 1/2   | 2,097.10 | 1/2   | 1,833.61 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,403.37 | 3/4   | 3,142.45 | 3/4   | 2,880.36 | 3/4   | 2,618.26 | 3/4   | 2,355.11 | 3/4   | 2,091.61 | 3/4   | 1,828.12 |
| 5     |     | 5     |     | 5     |     | 5     | 3,398.01 | 5     | 3,137.99 | 5     | 2,874.89 | 5     | 2,612.80 | 5     | 2,349.62 | 5     | 2,086.12 | 5     | 1,822.63 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,392.64 | 1/4   | 3,131.53 | 1/4   | 2,869.43 | 1/4   | 2,607.34 | 1/4   | 2,344.13 | 1/4   | 2,080.63 | 1/4   | 1,817.14 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,387.28 | 1/2   | 3,126.07 | 1/2   | 2,863.97 | 1/2   | 2,601.87 | 1/2   | 2,338.64 | 1/2   | 2,075.14 | 1/2   | 1,811.65 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,381.91 | 3/4   | 3,120.61 | 3/4   | 2,858.51 | 3/4   | 2,596.41 | 3/4   | 2,333.15 | 3/4   | 2,069.66 | 3/4   | 1,806.16 |
| 6     |     | 6     |     | 6     |     | 6     | 3,376.55 | 6     | 3,115.15 | 6     | 2,853.05 | 6     | 2,590.95 | 6     | 2,327.66 | 6     | 2,064.17 | 6     | 1,800.67 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,371.19 | 1/4   | 3,109.69 | 1/4   | 2,847.59 | 1/4   | 2,585.49 | 1/4   | 2,322.17 | 1/4   | 2,058.68 | 1/4   | 1,795.18 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,365.83 | 1/2   | 3,104.23 | 1/2   | 2,842.13 | 1/2   | 2,580.03 | 1/2   | 2,316.68 | 1/2   | 2,053.19 | 1/2   | 1,789.69 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,360.47 | 3/4   | 3,098.77 | 3/4   | 2,836.67 | 3/4   | 2,574.57 | 3/4   | 2,311.19 | 3/4   | 2,047.70 | 3/4   | 1,784.20 |
| 7     |     | 7     |     | 7     |     | 7     | 3,355.11 | 7     | 3,093.31 | 7     | 2,831.21 | 7     | 2,569.11 | 7     | 2,305.70 | 7     | 2,042.21 | 7     | 1,778.71 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,349.75 | 1/4   | 3,087.85 | 1/4   | 2,825.75 | 1/4   | 2,563.65 | 1/4   | 2,300.21 | 1/4   | 2,036.72 | 1/4   | 1,773.22 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,344.39 | 1/2   | 3,082.39 | 1/2   | 2,820.29 | 1/2   | 2,558.19 | 1/2   | 2,294.72 | 1/2   | 2,031.23 | 1/2   | 1,767.73 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,339.03 | 3/4   | 3,076.93 | 3/4   | 2,814.83 | 3/4   | 2,552.73 | 3/4   | 2,289.24 | 3/4   | 2,025.74 | 3/4   | 1,762.24 |
| 8     |     | 8     |     | 8     |     | 8     | 3,333.57 | 8     | 3,071.47 | 8     | 2,809.37 | 8     | 2,547.24 | 8     | 2,283.75 | 8     | 2,020.25 | 8     | 1,756.75 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,328.11 | 1/4   | 3,066.01 | 1/4   | 2,803.91 | 1/4   | 2,541.75 | 1/4   | 2,278.26 | 1/4   | 2,014.76 | 1/4   | 1,751.26 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,322.65 | 1/2   | 3,060.55 | 1/2   | 2,798.45 | 1/2   | 2,536.26 | 1/2   | 2,272.77 | 1/2   | 2,009.27 | 1/2   | 1,745.77 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,317.19 | 3/4   | 3,055.09 | 3/4   | 2,792.99 | 3/4   | 2,530.77 | 3/4   | 2,267.28 | 3/4   | 2,003.78 | 3/4   | 1,740.29 |
| 9     |     | 9     |     | 9     |     | 9     | 3,311.73 | 9     | 3,049.63 | 9     | 2,787.53 | 9     | 2,525.28 | 9     | 2,261.79 | 9     | 1,998.29 | 9     | 1,734.80 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,306.27 | 1/4   | 3,044.17 | 1/4   | 2,782.07 | 1/4   | 2,519.79 | 1/4   | 2,256.30 | 1/4   | 1,992.80 | 1/4   | 1,729.31 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,300.81 | 1/2   | 3,038.71 | 1/2   | 2,776.61 | 1/2   | 2,514.30 | 1/2   | 2,250.81 | 1/2   | 1,987.31 | 1/2   | 1,723.82 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,295.35 | 3/4   | 3,033.25 | 3/4   | 2,771.15 | 3/4   | 2,508.82 | 3/4   | 2,245.32 | 3/4   | 1,981.82 | 3/4   | 1,718.33 |
| 10    |     | 10    |     | 10    |     | 10    | 3,289.89 | 10    | 3,027.79 | 10    | 2,765.69 | 10    | 2,503.33 | 10    | 2,239.83 | 10    | 1,976.33 | 10    | 1,712.84 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,284.42 | 1/4   | 3,022.33 | 1/4   | 2,760.23 | 1/4   | 2,497.84 | 1/4   | 2,234.34 | 1/4   | 1,970.84 | 1/4   | 1,707.35 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,278.96 | 1/2   | 3,016.87 | 1/2   | 2,754.77 | 1/2   | 2,492.35 | 1/2   | 2,228.85 | 1/2   | 1,965.35 | 1/2   | 1,701.86 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,273.50 | 3/4   | 3,011.40 | 3/4   | 2,749.31 | 3/4   | 2,486.86 | 3/4   | 2,223.36 | 3/4   | 1,959.87 | 3/4   | 1,696.37 |
| 11    |     | 11    |     | 11    |     | 11    | 3,268.04 | 11    | 3,005.94 | 11    | 2,743.85 | 11    | 2,481.37 | 11    | 2,217.87 | 11    | 1,954.38 | 11    | 1,690.88 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,262.58 | 1/4   | 3,000.48 | 1/4   | 2,738.38 | 1/4   | 2,475.88 | 1/4   | 2,212.38 | 1/4   | 1,948.89 | 1/4   | 1,685.39 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,257.12 | 1/2   | 2,995.02 | 1/2   | 2,732.92 | 1/2   | 2,470.39 | 1/2   | 2,206.89 | 1/2   | 1,943.40 | 1/2   | 1,679.90 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,478.50 | 3/4   | 3,251.66 | 3/4   | 2,989.56 | 3/4   | 2,727.46 | 3/4   | 2,464.90 | 3/4   | 2,201.40 | 3/4   | 1,674.41 |

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 ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10250"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

| 10 FT. |          | 11 FT. |          | 12 FT. |          | 13 FT. |        | 14 FT. |        | 15 FT. |        | 16 FT. |       | 17 FT. |     | 18 FT. |  | 19 FT. |  |
|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-----|--------|--|--------|--|
| 0      | 1,668.92 | 0      | 1,405.42 | 0      | 1,141.75 | 0      | 880.04 | 0      | 620.38 | 0      | 356.73 | 0      | 93.21 | 0      |     | 0      |  | 0      |  |
| 1/4    | 1,663.43 | 1/4    | 1,399.93 | 1/4    | 1,136.26 | 1/4    | 874.63 | 1/4    | 614.88 | 1/4    | 351.24 | 1/4    | 87.75 | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,657.94 | 1/2    | 1,394.44 | 1/2    | 1,130.77 | 1/2    | 869.22 | 1/2    | 609.39 | 1/2    | 345.75 | 1/2    | 82.29 | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,652.45 | 3/4    | 1,388.94 | 3/4    | 1,125.27 | 3/4    | 863.81 | 3/4    | 603.90 | 3/4    | 340.25 | 3/4    | 76.84 | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 1      | 1,646.96 | 1      | 1,383.45 | 1      | 1,119.78 | 1      | 858.41 | 1      | 598.41 | 1      | 334.76 | 1      | 71.41 | 1      | 1   | 1      |  | 1      |  |
| 1/4    | 1,641.47 | 1/4    | 1,377.96 | 1/4    | 1,114.29 | 1/4    | 853.00 | 1/4    | 592.92 | 1/4    | 329.27 | 1/4    | 65.98 | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,635.98 | 1/2    | 1,372.46 | 1/2    | 1,108.79 | 1/2    | 847.59 | 1/2    | 587.42 | 1/2    | 323.77 | 1/2    | 60.55 | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,630.50 | 3/4    | 1,366.97 | 3/4    | 1,103.30 | 3/4    | 842.18 | 3/4    | 581.93 | 3/4    | 318.28 | 3/4    | 55.12 | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 2      | 1,625.01 | 2      | 1,361.48 | 2      | 1,097.81 | 2      | 836.77 | 2      | 576.44 | 2      | 312.79 | 2      | 49.74 | 2      | 2   | 2      |  | 2      |  |
| 1/4    | 1,619.52 | 1/4    | 1,355.98 | 1/4    | 1,092.32 | 1/4    | 831.37 | 1/4    | 570.95 | 1/4    | 307.30 | 1/4    | 44.36 | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,614.03 | 1/2    | 1,350.49 | 1/2    | 1,086.82 | 1/2    | 825.96 | 1/2    | 565.45 | 1/2    | 301.80 | 1/2    | 38.98 | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,608.54 | 3/4    | 1,345.00 | 3/4    | 1,081.33 | 3/4    | 820.55 | 3/4    | 559.96 | 3/4    | 296.31 | 3/4    | 33.60 | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 3      | 1,603.05 | 3      | 1,339.50 | 3      | 1,075.84 | 3      | 815.15 | 3      | 554.47 | 3      | 290.82 | 3      | 29.03 | 3      | 3   | 3      |  | 3      |  |
| 1/4    | 1,597.56 | 1/4    | 1,334.01 | 1/4    | 1,070.34 | 1/4    | 809.74 | 1/4    | 548.98 | 1/4    | 285.33 | 1/4    | 24.46 | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,592.07 | 1/2    | 1,328.52 | 1/2    | 1,064.85 | 1/2    | 804.34 | 1/2    | 543.48 | 1/2    | 279.83 | 1/2    | 19.89 | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,586.58 | 3/4    | 1,323.03 | 3/4    | 1,059.36 | 3/4    | 798.94 | 3/4    | 537.99 | 3/4    | 274.34 | 3/4    | 15.32 | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 4      | 1,581.09 | 4      | 1,317.53 | 4      | 1,053.86 | 4      | 793.54 | 4      | 532.50 | 4      | 268.85 | 4      | 12.58 | 4      | 4   | 4      |  | 4      |  |
| 1/4    | 1,575.60 | 1/4    | 1,312.04 | 1/4    | 1,048.37 | 1/4    | 788.13 | 1/4    | 527.00 | 1/4    | 263.36 | 1/4    | 9.83  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,570.11 | 1/2    | 1,306.55 | 1/2    | 1,042.88 | 1/2    | 782.73 | 1/2    | 521.51 | 1/2    | 257.86 | 1/2    | 7.09  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,564.62 | 3/4    | 1,301.05 | 3/4    | 1,037.38 | 3/4    | 777.33 | 3/4    | 516.02 | 3/4    | 252.37 | 3/4    | 4.34  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 5      | 1,559.13 | 5      | 1,295.56 | 5      | 1,031.89 | 5      | 771.92 | 5      | 510.53 | 5      | 246.88 | 5      | 3.42  | 5      | 5   | 5      |  | 5      |  |
| 1/4    | 1,553.64 | 1/4    | 1,290.07 | 1/4    | 1,026.40 | 1/4    | 766.52 | 1/4    | 505.03 | 1/4    | 241.38 | 1/4    | 2.51  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,548.15 | 1/2    | 1,284.57 | 1/2    | 1,020.91 | 1/2    | 761.12 | 1/2    | 499.54 | 1/2    | 235.89 | 1/2    | 1.59  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,542.66 | 3/4    | 1,279.08 | 3/4    | 1,015.41 | 3/4    | 755.72 | 3/4    | 494.05 | 3/4    | 230.40 | 3/4    | 0.68  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 6      | 1,537.17 | 6      | 1,273.59 | 6      | 1,009.96 | 6      | 750.31 | 6      | 488.56 | 6      | 224.91 | 6      |       | 6      | 6   | 6      |  | 6      |  |
| 1/4    | 1,531.68 | 1/4    | 1,268.09 | 1/4    | 1,004.51 | 1/4    | 744.91 | 1/4    | 483.06 | 1/4    | 219.41 | 1/4    |       | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,526.19 | 1/2    | 1,262.60 | 1/2    | 999.06   | 1/2    | 739.51 | 1/2    | 477.57 | 1/2    | 213.92 | 1/2    |       | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,520.71 | 3/4    | 1,257.11 | 3/4    | 993.61   | 3/4    | 734.10 | 3/4    | 472.08 | 3/4    | 208.43 | 3/4    |       | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 7      | 1,515.22 | 7      | 1,251.62 | 7      | 988.20   | 7      | 728.70 | 7      | 466.58 | 7      | 202.94 | 7      |       | 7      | 7   | 7      |  | 7      |  |
| 1/4    | 1,509.73 | 1/4    | 1,246.12 | 1/4    | 982.79   | 1/4    | 723.30 | 1/4    | 461.09 | 1/4    | 197.44 | 1/4    |       | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,504.24 | 1/2    | 1,240.63 | 1/2    | 977.38   | 1/2    | 717.90 | 1/2    | 455.60 | 1/2    | 191.95 | 1/2    |       | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,498.75 | 3/4    | 1,235.14 | 3/4    | 971.98   | 3/4    | 712.49 | 3/4    | 450.11 | 3/4    | 186.46 | 3/4    |       | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 8      | 1,493.26 | 8      | 1,229.64 | 8      | 966.57   | 8      | 707.09 | 8      | 444.61 | 8      | 180.96 | 8      |       | 8      | 8   | 8      |  | 8      |  |
| 1/4    | 1,487.77 | 1/4    | 1,224.15 | 1/4    | 961.16   | 1/4    | 701.69 | 1/4    | 439.12 | 1/4    | 175.47 | 1/4    |       | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,482.28 | 1/2    | 1,218.66 | 1/2    | 955.75   | 1/2    | 696.28 | 1/2    | 433.63 | 1/2    | 169.98 | 1/2    |       | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,476.79 | 3/4    | 1,213.16 | 3/4    | 950.34   | 3/4    | 690.88 | 3/4    | 428.14 | 3/4    | 164.49 | 3/4    |       | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 9      | 1,471.30 | 9      | 1,207.67 | 9      | 944.94   | 9      | 685.48 | 9      | 422.64 | 9      | 158.99 | 9      |       | 9      | 9   | 9      |  | 9      |  |
| 1/4    | 1,465.81 | 1/4    | 1,202.18 | 1/4    | 939.53   | 1/4    | 680.08 | 1/4    | 417.15 | 1/4    | 153.50 | 1/4    |       | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,460.32 | 1/2    | 1,196.68 | 1/2    | 934.12   | 1/2    | 674.67 | 1/2    | 411.66 | 1/2    | 148.01 | 1/2    |       | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,454.83 | 3/4    | 1,191.19 | 3/4    | 928.71   | 3/4    | 669.27 | 3/4    | 406.17 | 3/4    | 142.52 | 3/4    |       | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 10     | 1,449.34 | 10     | 1,185.70 | 10     | 923.30   | 10     | 663.87 | 10     | 400.67 | 10     | 137.03 | 10     |       | 10     | 10  | 10     |  | 10     |  |
| 1/4    | 1,443.85 | 1/4    | 1,180.21 | 1/4    | 917.90   | 1/4    | 658.47 | 1/4    | 395.18 | 1/4    | 131.54 | 1/4    |       | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,438.36 | 1/2    | 1,174.71 | 1/2    | 912.49   | 1/2    | 653.07 | 1/2    | 389.69 | 1/2    | 126.06 | 1/2    |       | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,432.87 | 3/4    | 1,169.22 | 3/4    | 907.08   | 3/4    | 647.66 | 3/4    | 384.19 | 3/4    | 120.57 | 3/4    |       | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 11     | 1,427.38 | 11     | 1,163.73 | 11     | 901.67   | 11     | 642.21 | 11     | 378.70 | 11     | 115.09 | 11     |       | 11     | 11  | 11     |  | 11     |  |
| 1/4    | 1,421.89 | 1/4    | 1,158.23 | 1/4    | 896.26   | 1/4    | 636.76 | 1/4    | 373.21 | 1/4    | 109.62 | 1/4    |       | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,416.40 | 1/2    | 1,152.74 | 1/2    | 890.85   | 1/2    | 631.32 | 1/2    | 367.72 | 1/2    | 104.14 | 1/2    |       | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,410.92 | 3/4    | 1,147.25 | 3/4    | 885.45   | 3/4    | 625.87 | 3/4    | 362.22 | 3/4    | 98.67  | 3/4    |       | 3/4    | 3/4 | 3/4    |  | 3/4    |  |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL  
CALCULATED: 06/11/2013 CL  
VERIFIED: 07/13/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2023

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



# BARGE "KIRBY 10250"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

| 0 FT. |     | 1 FT. |     | 2 FT. |     | 3 FT. |     | 4 FT. |          | 5 FT. |          | 6 FT. |          | 7 FT. |          | 8 FT. |          | 9 FT. |          |     |          |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-----|----------|
| IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      |     |          |
| 0     |     | 0     |     | 0     |     | 0     |     | 0     | 3,235.12 | 0     | 2,975.15 | 0     | 2,715.17 | 0     | 2,454.76 | 0     | 2,193.39 | 0     | 1,932.01 |     |          |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,454.71 | 1/4   | 3,229.70 | 1/4   | 2,969.73 | 1/4   | 2,709.76 | 1/4   | 2,449.32 | 1/4   | 2,187.94 | 1/4 | 1,926.57 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,453.80 | 1/2   | 3,224.29 | 1/2   | 2,964.31 | 1/2   | 2,704.34 | 1/2   | 2,443.87 | 1/2   | 2,182.50 | 1/2 | 1,921.12 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,452.89 | 3/4   | 3,218.87 | 3/4   | 2,958.90 | 3/4   | 2,698.93 | 3/4   | 2,438.43 | 3/4   | 2,177.05 | 3/4 | 1,915.68 |
| 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 3,451.99 | 1     | 3,213.45 | 1     | 2,953.48 | 1     | 2,693.51 | 1     | 2,432.98 | 1     | 2,171.61 | 1   | 1,910.23 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,451.08 | 1/4   | 3,208.04 | 1/4   | 2,948.07 | 1/4   | 2,688.09 | 1/4   | 2,427.54 | 1/4   | 2,166.16 | 1/4 | 1,904.79 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,448.35 | 1/2   | 3,202.62 | 1/2   | 2,942.65 | 1/2   | 2,682.68 | 1/2   | 2,422.09 | 1/2   | 2,160.72 | 1/2 | 1,899.34 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,445.63 | 3/4   | 3,197.21 | 3/4   | 2,937.23 | 3/4   | 2,677.26 | 3/4   | 2,416.65 | 3/4   | 2,155.27 | 3/4 | 1,893.90 |
| 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 3,442.90 | 2     | 3,191.79 | 2     | 2,931.82 | 2     | 2,671.84 | 2     | 2,411.20 | 2     | 2,149.83 | 2   | 1,888.45 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,440.18 | 1/4   | 3,186.37 | 1/4   | 2,926.40 | 1/4   | 2,666.43 | 1/4   | 2,405.75 | 1/4   | 2,144.38 | 1/4 | 1,883.01 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,435.77 | 1/2   | 3,180.96 | 1/2   | 2,920.99 | 1/2   | 2,661.01 | 1/2   | 2,400.31 | 1/2   | 2,138.94 | 1/2 | 1,877.56 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,431.36 | 3/4   | 3,175.54 | 3/4   | 2,915.57 | 3/4   | 2,655.60 | 3/4   | 2,394.86 | 3/4   | 2,133.49 | 3/4 | 1,872.12 |
| 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3,426.95 | 3     | 3,170.13 | 3     | 2,910.15 | 3     | 2,650.18 | 3     | 2,389.42 | 3     | 2,128.04 | 3   | 1,866.67 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,422.54 | 1/4   | 3,164.71 | 1/4   | 2,904.74 | 1/4   | 2,644.76 | 1/4   | 2,383.97 | 1/4   | 2,122.60 | 1/4 | 1,861.22 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,417.26 | 1/2   | 3,159.29 | 1/2   | 2,899.32 | 1/2   | 2,639.35 | 1/2   | 2,378.53 | 1/2   | 2,117.15 | 1/2 | 1,855.78 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,411.98 | 3/4   | 3,153.88 | 3/4   | 2,893.90 | 3/4   | 2,633.93 | 3/4   | 2,373.08 | 3/4   | 2,111.71 | 3/4 | 1,850.33 |
| 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 3,406.70 | 4     | 3,148.46 | 4     | 2,888.49 | 4     | 2,628.52 | 4     | 2,367.64 | 4     | 2,106.26 | 4   | 1,844.89 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,401.43 | 1/4   | 3,143.05 | 1/4   | 2,883.07 | 1/4   | 2,623.10 | 1/4   | 2,362.19 | 1/4   | 2,100.82 | 1/4 | 1,839.44 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,396.12 | 1/2   | 3,137.63 | 1/2   | 2,877.66 | 1/2   | 2,617.68 | 1/2   | 2,356.75 | 1/2   | 2,095.37 | 1/2 | 1,834.00 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,390.81 | 3/4   | 3,132.21 | 3/4   | 2,872.24 | 3/4   | 2,612.27 | 3/4   | 2,351.30 | 3/4   | 2,089.93 | 3/4 | 1,828.55 |
| 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 3,385.50 | 5     | 3,126.80 | 5     | 2,866.82 | 5     | 2,606.85 | 5     | 2,345.86 | 5     | 2,084.48 | 5   | 1,823.11 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,380.19 | 1/4   | 3,121.38 | 1/4   | 2,861.41 | 1/4   | 2,601.44 | 1/4   | 2,340.41 | 1/4   | 2,079.04 | 1/4 | 1,817.66 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,374.87 | 1/2   | 3,115.96 | 1/2   | 2,855.99 | 1/2   | 2,596.02 | 1/2   | 2,334.97 | 1/2   | 2,073.59 | 1/2 | 1,812.22 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,369.55 | 3/4   | 3,110.55 | 3/4   | 2,850.58 | 3/4   | 2,590.60 | 3/4   | 2,329.52 | 3/4   | 2,068.15 | 3/4 | 1,806.77 |
| 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 3,364.23 | 6     | 3,105.13 | 6     | 2,845.16 | 6     | 2,585.19 | 6     | 2,324.08 | 6     | 2,062.70 | 6   | 1,801.33 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,358.90 | 1/4   | 3,099.72 | 1/4   | 2,839.74 | 1/4   | 2,579.77 | 1/4   | 2,318.63 | 1/4   | 2,057.26 | 1/4 | 1,795.88 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,353.59 | 1/2   | 3,094.30 | 1/2   | 2,834.33 | 1/2   | 2,574.35 | 1/2   | 2,313.18 | 1/2   | 2,051.81 | 1/2 | 1,790.44 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,348.27 | 3/4   | 3,088.88 | 3/4   | 2,828.91 | 3/4   | 2,568.94 | 3/4   | 2,307.74 | 3/4   | 2,046.37 | 3/4 | 1,784.99 |
| 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 3,342.95 | 7     | 3,083.47 | 7     | 2,823.50 | 7     | 2,563.52 | 7     | 2,302.29 | 7     | 2,040.92 | 7   | 1,779.55 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,337.63 | 1/4   | 3,078.05 | 1/4   | 2,818.08 | 1/4   | 2,558.11 | 1/4   | 2,296.85 | 1/4   | 2,035.47 | 1/4 | 1,774.10 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,332.31 | 1/2   | 3,072.64 | 1/2   | 2,812.66 | 1/2   | 2,552.69 | 1/2   | 2,291.40 | 1/2   | 2,030.03 | 1/2 | 1,768.65 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,327.00 | 3/4   | 3,067.22 | 3/4   | 2,807.25 | 3/4   | 2,547.27 | 3/4   | 2,285.96 | 3/4   | 2,024.58 | 3/4 | 1,763.21 |
| 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 3,321.68 | 8     | 3,061.80 | 8     | 2,801.83 | 8     | 2,541.86 | 8     | 2,280.51 | 8     | 2,019.14 | 8   | 1,757.76 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,316.36 | 1/4   | 3,056.39 | 1/4   | 2,796.41 | 1/4   | 2,536.44 | 1/4   | 2,275.07 | 1/4   | 2,013.69 | 1/4 | 1,752.32 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,310.94 | 1/2   | 3,050.97 | 1/2   | 2,791.00 | 1/2   | 2,531.00 | 1/2   | 2,269.62 | 1/2   | 2,008.25 | 1/2 | 1,746.87 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,305.53 | 3/4   | 3,045.56 | 3/4   | 2,785.58 | 3/4   | 2,525.55 | 3/4   | 2,264.18 | 3/4   | 2,002.80 | 3/4 | 1,741.43 |
| 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 3,300.11 | 9     | 3,040.14 | 9     | 2,780.17 | 9     | 2,520.11 | 9     | 2,258.73 | 9     | 1,997.36 | 9   | 1,735.98 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,294.70 | 1/4   | 3,034.72 | 1/4   | 2,774.75 | 1/4   | 2,514.66 | 1/4   | 2,253.29 | 1/4   | 1,991.91 | 1/4 | 1,730.54 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,289.28 | 1/2   | 3,029.31 | 1/2   | 2,769.33 | 1/2   | 2,509.22 | 1/2   | 2,247.84 | 1/2   | 1,986.47 | 1/2 | 1,725.09 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,283.86 | 3/4   | 3,023.89 | 3/4   | 2,763.92 | 3/4   | 2,503.77 | 3/4   | 2,242.40 | 3/4   | 1,981.02 | 3/4 | 1,719.65 |
| 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 3,278.45 | 10    | 3,018.47 | 10    | 2,758.50 | 10    | 2,498.32 | 10    | 2,236.95 | 10    | 1,975.58 | 10  | 1,714.20 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,273.03 | 1/4   | 3,013.06 | 1/4   | 2,753.09 | 1/4   | 2,492.88 | 1/4   | 2,231.51 | 1/4   | 1,970.13 | 1/4 | 1,708.76 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,267.62 | 1/2   | 3,007.64 | 1/2   | 2,747.67 | 1/2   | 2,487.43 | 1/2   | 2,226.06 | 1/2   | 1,964.69 | 1/2 | 1,703.31 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,262.20 | 3/4   | 3,002.23 | 3/4   | 2,742.25 | 3/4   | 2,481.99 | 3/4   | 2,220.61 | 3/4   | 1,959.24 | 3/4 | 1,697.87 |
| 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 3,256.78 | 11    | 2,996.81 | 11    | 2,736.84 | 11    | 2,476.54 | 11    | 2,215.17 | 11    | 1,953.79 | 11  | 1,692.42 |
| 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 3,251.37 | 1/4   | 2,991.39 | 1/4   | 2,731.42 | 1/4   | 2,471.10 | 1/4   | 2,209.72 | 1/4   | 1,948.35 | 1/4 | 1,686.98 |
| 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 3,245.95 | 1/2   | 2,985.98 | 1/2   | 2,726.01 | 1/2   | 2,465.65 | 1/2   | 2,204.28 | 1/2   | 1,942.90 | 1/2 | 1,681.53 |
| 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3,240.54 | 3/4   | 2,980.56 | 3/4   | 2,720.59 | 3/4   | 2,460.21 | 3/4   | 2,198.83 | 3/4   | 1,937.46 | 3/4 | 1,676.08 |

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 ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 10250"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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   | 1,670.64 | 0   | 1,409.26 | 0   | 1,147.73 | 0   | 887.02 | 0   | 626.28 | 0   | 364.76 | 0   | 103.31 | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,665.19 | 1/4 | 1,403.82 | 1/4 | 1,142.28 | 1/4 | 881.61 | 1/4 | 620.83 | 1/4 | 359.31 | 1/4 | 97.88  | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,659.75 | 1/2 | 1,398.37 | 1/2 | 1,136.83 | 1/2 | 876.20 | 1/2 | 615.38 | 1/2 | 353.86 | 1/2 | 92.46  | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,654.30 | 3/4 | 1,392.92 | 3/4 | 1,131.38 | 3/4 | 870.78 | 3/4 | 609.93 | 3/4 | 348.41 | 3/4 | 87.05  | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 1   | 1,648.86 | 1   | 1,387.47 | 1   | 1,125.93 | 1   | 865.37 | 1   | 604.49 | 1   | 342.96 | 1   | 81.63  | 1   | 1      | 1   |        | 1   |        |
| 1/4 | 1,643.41 | 1/4 | 1,382.02 | 1/4 | 1,120.48 | 1/4 | 859.96 | 1/4 | 599.04 | 1/4 | 337.52 | 1/4 | 76.22  | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,637.97 | 1/2 | 1,376.58 | 1/2 | 1,115.03 | 1/2 | 854.55 | 1/2 | 593.59 | 1/2 | 332.07 | 1/2 | 70.84  | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,632.52 | 3/4 | 1,371.13 | 3/4 | 1,109.58 | 3/4 | 849.13 | 3/4 | 588.14 | 3/4 | 326.62 | 3/4 | 65.45  | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 2   | 1,627.08 | 2   | 1,365.68 | 2   | 1,104.14 | 2   | 843.72 | 2   | 582.69 | 2   | 321.17 | 2   | 60.06  | 2   | 2      | 2   |        | 2   |        |
| 1/4 | 1,621.63 | 1/4 | 1,360.23 | 1/4 | 1,098.69 | 1/4 | 838.31 | 1/4 | 577.25 | 1/4 | 315.72 | 1/4 | 54.68  | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,616.19 | 1/2 | 1,354.78 | 1/2 | 1,093.24 | 1/2 | 832.90 | 1/2 | 571.80 | 1/2 | 310.27 | 1/2 | 49.34  | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,610.74 | 3/4 | 1,349.33 | 3/4 | 1,087.79 | 3/4 | 827.48 | 3/4 | 566.35 | 3/4 | 304.83 | 3/4 | 44.01  | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 3   | 1,605.30 | 3   | 1,343.88 | 3   | 1,082.34 | 3   | 822.07 | 3   | 560.90 | 3   | 299.38 | 3   | 38.67  | 3   | 3      | 3   |        | 3   |        |
| 1/4 | 1,599.85 | 1/4 | 1,338.43 | 1/4 | 1,076.89 | 1/4 | 816.66 | 1/4 | 555.45 | 1/4 | 293.93 | 1/4 | 33.33  | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,594.41 | 1/2 | 1,332.99 | 1/2 | 1,071.44 | 1/2 | 811.25 | 1/2 | 550.00 | 1/2 | 288.48 | 1/2 | 28.80  | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,588.96 | 3/4 | 1,327.54 | 3/4 | 1,065.99 | 3/4 | 805.85 | 3/4 | 544.55 | 3/4 | 283.03 | 3/4 | 24.27  | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 4   | 1,583.51 | 4   | 1,322.09 | 4   | 1,060.55 | 4   | 800.44 | 4   | 539.11 | 4   | 277.58 | 4   | 19.74  | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 1,578.07 | 1/4 | 1,316.64 | 1/4 | 1,055.10 | 1/4 | 795.03 | 1/4 | 533.66 | 1/4 | 272.13 | 1/4 | 15.21  | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,572.62 | 1/2 | 1,311.19 | 1/2 | 1,049.65 | 1/2 | 789.59 | 1/2 | 528.21 | 1/2 | 266.69 | 1/2 | 12.48  | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,567.18 | 3/4 | 1,305.74 | 3/4 | 1,044.20 | 3/4 | 784.14 | 3/4 | 522.76 | 3/4 | 261.24 | 3/4 | 9.76   | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 5   | 1,561.73 | 5   | 1,300.29 | 5   | 1,038.75 | 5   | 778.70 | 5   | 517.31 | 5   | 255.79 | 5   | 7.03   | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 1,556.29 | 1/4 | 1,294.84 | 1/4 | 1,033.30 | 1/4 | 773.26 | 1/4 | 511.86 | 1/4 | 250.34 | 1/4 | 4.31   | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,550.84 | 1/2 | 1,289.39 | 1/2 | 1,027.85 | 1/2 | 767.81 | 1/2 | 506.42 | 1/2 | 244.89 | 1/2 | 3.40   | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,545.40 | 3/4 | 1,283.95 | 3/4 | 1,022.40 | 3/4 | 762.37 | 3/4 | 500.97 | 3/4 | 239.44 | 3/4 | 2.49   | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 6   | 1,539.95 | 6   | 1,278.50 | 6   | 1,016.95 | 6   | 756.93 | 6   | 495.52 | 6   | 234.00 | 6   | 1.59   | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 1,534.51 | 1/4 | 1,273.05 | 1/4 | 1,011.51 | 1/4 | 751.48 | 1/4 | 490.07 | 1/4 | 228.55 | 1/4 | 0.68   | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,529.06 | 1/2 | 1,267.60 | 1/2 | 1,006.09 | 1/2 | 746.04 | 1/2 | 484.62 | 1/2 | 223.10 | 1/2 |        | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,523.62 | 3/4 | 1,262.15 | 3/4 | 1,000.68 | 3/4 | 740.60 | 3/4 | 479.17 | 3/4 | 217.65 | 3/4 |        | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 7   | 1,518.17 | 7   | 1,256.70 | 7   | 995.27   | 7   | 735.15 | 7   | 473.73 | 7   | 212.20 | 7   |        | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 1,512.73 | 1/4 | 1,251.25 | 1/4 | 989.86   | 1/4 | 729.71 | 1/4 | 468.28 | 1/4 | 206.75 | 1/4 |        | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,507.28 | 1/2 | 1,245.80 | 1/2 | 984.44   | 1/2 | 724.27 | 1/2 | 462.83 | 1/2 | 201.31 | 1/2 |        | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,501.84 | 3/4 | 1,240.36 | 3/4 | 979.03   | 3/4 | 718.82 | 3/4 | 457.38 | 3/4 | 195.86 | 3/4 |        | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 8   | 1,496.39 | 8   | 1,234.91 | 8   | 973.62   | 8   | 713.38 | 8   | 451.93 | 8   | 190.41 | 8   |        | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 1,490.94 | 1/4 | 1,229.46 | 1/4 | 968.21   | 1/4 | 707.94 | 1/4 | 446.48 | 1/4 | 184.96 | 1/4 |        | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,485.50 | 1/2 | 1,224.01 | 1/2 | 962.79   | 1/2 | 702.49 | 1/2 | 441.04 | 1/2 | 179.51 | 1/2 |        | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,480.05 | 3/4 | 1,218.56 | 3/4 | 957.38   | 3/4 | 697.05 | 3/4 | 435.59 | 3/4 | 174.06 | 3/4 |        | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 9   | 1,474.61 | 9   | 1,213.11 | 9   | 951.97   | 9   | 691.61 | 9   | 430.14 | 9   | 168.62 | 9   |        | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 1,469.16 | 1/4 | 1,207.66 | 1/4 | 946.56   | 1/4 | 686.16 | 1/4 | 424.69 | 1/4 | 163.17 | 1/4 |        | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,463.72 | 1/2 | 1,202.21 | 1/2 | 941.14   | 1/2 | 680.72 | 1/2 | 419.24 | 1/2 | 157.72 | 1/2 |        | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,458.27 | 3/4 | 1,196.77 | 3/4 | 935.73   | 3/4 | 675.28 | 3/4 | 413.79 | 3/4 | 152.27 | 3/4 |        | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 10  | 1,452.83 | 10  | 1,191.32 | 10  | 930.32   | 10  | 669.83 | 10  | 408.34 | 10  | 146.82 | 10  |        | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 1,447.38 | 1/4 | 1,185.87 | 1/4 | 924.91   | 1/4 | 664.39 | 1/4 | 402.90 | 1/4 | 141.38 | 1/4 |        | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,441.94 | 1/2 | 1,180.42 | 1/2 | 919.50   | 1/2 | 658.95 | 1/2 | 397.45 | 1/2 | 135.93 | 1/2 |        | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,436.49 | 3/4 | 1,174.97 | 3/4 | 914.08   | 3/4 | 653.50 | 3/4 | 392.00 | 3/4 | 130.49 | 3/4 |        | 3/4 | 3/4    | 3/4 |        | 3/4 |        |
| 11  | 1,431.05 | 11  | 1,169.52 | 11  | 908.67   | 11  | 648.06 | 11  | 386.55 | 11  | 125.05 | 11  |        | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 1,425.60 | 1/4 | 1,164.07 | 1/4 | 903.26   | 1/4 | 642.62 | 1/4 | 381.10 | 1/4 | 119.60 | 1/4 |        | 1/4 | 1/4    | 1/4 |        | 1/4 |        |
| 1/2 | 1,420.16 | 1/2 | 1,158.62 | 1/2 | 897.85   | 1/2 | 637.17 | 1/2 | 375.65 | 1/2 | 114.17 | 1/2 |        | 1/2 | 1/2    | 1/2 |        | 1/2 |        |
| 3/4 | 1,414.71 | 3/4 | 1,153.17 | 3/4 | 892.43   | 3/4 | 631.72 | 3/4 | 370.21 | 3/4 | 108.74 | 3/4 |        | 3/4 | 3/4    | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/11/2013 CL  
CALCULATED: 06/11/2013 CL  
VERIFIED: 07/13/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2023

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