



# BARGE "KIRBY 30075"

## ULLAGE TRIM TABLE

Formerly "WTC 3006"

|        | 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 | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       |
| 1 STBD | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       |
| 2 PORT | 00-0/8     | - 00-0/8     | 00-1/8     | - 00-1/8     | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/4     | - 00-1/4     | 00-1/4     | - 00-1/4     |
| 2 STBD | 00-0/8     | - 00-0/8     | 00-1/8     | - 00-1/8     | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/4     | - 00-1/4     | 00-1/4     | - 00-1/4     |
| 3 PORT | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       |
| 3 STBD | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       | 00-0/8     | 00-0/8       |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

### EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 5'-00"  
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

October 14, 2022

**PRECISION MEASUREMENT  
 & ANALYSIS, INC.**  
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# BARGE "KIRBY 30075"

## 1 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-00"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

| 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     | 5,082.28 | 0     | 4,715.51 | 0     | 4,348.47 | 0     | 3,981.98 | 0     | 3,615.21 | 0     | 3,248.44 | 0     | 2,881.67 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 5,074.64 | 1/4   | 4,707.87 | 1/4   | 4,340.90 | 1/4   | 3,974.34 | 1/4   | 3,607.57 | 1/4   | 3,240.80 | 1/4   | 2,874.03 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 5,067.00 | 1/2   | 4,700.23 | 1/2   | 4,333.32 | 1/2   | 3,966.69 | 1/2   | 3,599.92 | 1/2   | 3,233.16 | 1/2   | 2,866.39 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 5,059.36 | 3/4   | 4,692.59 | 3/4   | 4,325.75 | 3/4   | 3,959.05 | 3/4   | 3,592.28 | 3/4   | 3,225.52 | 3/4   | 2,858.75 |
| 1     | 1   | 1     | 1        | 1     | 1        | 1     | 5,051.72 | 1     | 4,684.95 | 1     | 4,318.18 | 1     | 3,951.41 | 1     | 3,584.64 | 1     | 3,217.88 | 1     | 2,851.11 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 5,044.08 | 1/4   | 4,677.30 | 1/4   | 4,310.54 | 1/4   | 3,943.77 | 1/4   | 3,577.00 | 1/4   | 3,210.24 | 1/4   | 2,843.47 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 5,036.44 | 1/2   | 4,669.65 | 1/2   | 4,302.90 | 1/2   | 3,936.13 | 1/2   | 3,569.36 | 1/2   | 3,202.59 | 1/2   | 2,835.83 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 5,028.79 | 3/4   | 4,662.01 | 3/4   | 4,295.26 | 3/4   | 3,928.49 | 3/4   | 3,561.72 | 3/4   | 3,194.95 | 3/4   | 2,828.18 |
| 2     | 2   | 2     | 2        | 2     | 2        | 2     | 5,021.15 | 2     | 4,654.36 | 2     | 4,287.62 | 2     | 3,920.85 | 2     | 3,554.08 | 2     | 3,187.31 | 2     | 2,820.54 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 5,013.51 | 1/4   | 4,646.72 | 1/4   | 4,279.98 | 1/4   | 3,913.21 | 1/4   | 3,546.44 | 1/4   | 3,179.67 | 1/4   | 2,812.90 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 5,005.87 | 1/2   | 4,639.09 | 1/2   | 4,272.33 | 1/2   | 3,905.56 | 1/2   | 3,538.80 | 1/2   | 3,172.03 | 1/2   | 2,805.26 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,998.23 | 3/4   | 4,631.45 | 3/4   | 4,264.69 | 3/4   | 3,897.92 | 3/4   | 3,531.16 | 3/4   | 3,164.39 | 3/4   | 2,797.62 |
| 3     | 3   | 3     | 3        | 3     | 3        | 3     | 4,990.59 | 3     | 4,623.82 | 3     | 4,257.05 | 3     | 3,890.28 | 3     | 3,523.52 | 3     | 3,156.75 | 3     | 2,789.98 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,982.95 | 1/4   | 4,616.18 | 1/4   | 4,249.41 | 1/4   | 3,882.64 | 1/4   | 3,515.88 | 1/4   | 3,149.11 | 1/4   | 2,782.34 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,975.31 | 1/2   | 4,608.54 | 1/2   | 4,241.77 | 1/2   | 3,875.00 | 1/2   | 3,508.23 | 1/2   | 3,141.46 | 1/2   | 2,774.70 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,967.66 | 3/4   | 4,600.90 | 3/4   | 4,234.13 | 3/4   | 3,867.36 | 3/4   | 3,500.59 | 3/4   | 3,133.82 | 3/4   | 2,767.06 |
| 4     | 4   | 4     | 4        | 4     | 4        | 4     | 4,960.02 | 4     | 4,593.26 | 4     | 4,226.49 | 4     | 3,859.72 | 4     | 3,492.95 | 4     | 3,126.18 | 4     | 2,759.42 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,952.38 | 1/4   | 4,585.62 | 1/4   | 4,218.85 | 1/4   | 3,852.08 | 1/4   | 3,485.31 | 1/4   | 3,118.54 | 1/4   | 2,751.78 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,944.74 | 1/2   | 4,577.97 | 1/2   | 4,211.20 | 1/2   | 3,844.44 | 1/2   | 3,477.67 | 1/2   | 3,110.90 | 1/2   | 2,744.14 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,937.10 | 3/4   | 4,570.33 | 3/4   | 4,203.56 | 3/4   | 3,836.80 | 3/4   | 3,470.03 | 3/4   | 3,103.26 | 3/4   | 2,736.49 |
| 5     | 5   | 5     | 5        | 5     | 5        | 5     | 4,929.46 | 5     | 4,562.69 | 5     | 4,195.92 | 5     | 3,829.16 | 5     | 3,462.39 | 5     | 3,095.62 | 5     | 2,728.85 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,921.82 | 1/4   | 4,555.05 | 1/4   | 4,188.28 | 1/4   | 3,821.52 | 1/4   | 3,454.61 | 1/4   | 3,087.98 | 1/4   | 2,721.21 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,914.18 | 1/2   | 4,547.41 | 1/2   | 4,180.64 | 1/2   | 3,813.87 | 1/2   | 3,446.83 | 1/2   | 3,080.34 | 1/2   | 2,713.57 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,906.54 | 3/4   | 4,539.77 | 3/4   | 4,173.00 | 3/4   | 3,806.23 | 3/4   | 3,439.06 | 3/4   | 3,072.70 | 3/4   | 2,705.93 |
| 6     | 6   | 6     | 5,181.54 | 6     | 4,898.90 | 6     | 4,532.13 | 6     | 4,165.36 | 6     | 3,798.59 | 6     | 3,431.28 | 6     | 3,065.06 | 6     | 2,698.29 |       |          |
| 1/4   | 1/4 | 1/4   | 5,180.18 | 1/4   | 4,891.26 | 1/4   | 4,524.49 | 1/4   | 4,157.72 | 1/4   | 3,790.95 | 1/4   | 3,423.77 | 1/4   | 3,057.42 | 1/4   | 2,690.65 |       |          |
| 1/2   | 1/2 | 1/2   | 5,178.81 | 1/2   | 4,883.62 | 1/2   | 4,516.84 | 1/2   | 4,150.08 | 1/2   | 3,783.31 | 1/2   | 3,416.27 | 1/2   | 3,049.77 | 1/2   | 2,683.01 |       |          |
| 3/4   | 3/4 | 3/4   | 5,177.45 | 3/4   | 4,875.97 | 3/4   | 4,509.20 | 3/4   | 4,142.44 | 3/4   | 3,775.67 | 3/4   | 3,408.76 | 3/4   | 3,042.13 | 3/4   | 2,675.36 |       |          |
| 7     | 7   | 7     | 5,176.08 | 7     | 4,868.33 | 7     | 4,501.56 | 7     | 4,134.80 | 7     | 3,768.03 | 7     | 3,401.26 | 7     | 3,034.49 | 7     | 2,667.72 |       |          |
| 1/4   | 1/4 | 1/4   | 5,174.50 | 1/4   | 4,860.69 | 1/4   | 4,493.92 | 1/4   | 4,127.16 | 1/4   | 3,760.39 | 1/4   | 3,393.62 | 1/4   | 3,026.85 | 1/4   | 2,660.08 |       |          |
| 1/2   | 1/2 | 1/2   | 5,172.92 | 1/2   | 4,853.05 | 1/2   | 4,486.28 | 1/2   | 4,119.51 | 1/2   | 3,752.74 | 1/2   | 3,385.98 | 1/2   | 3,019.21 | 1/2   | 2,652.44 |       |          |
| 3/4   | 3/4 | 3/4   | 5,171.33 | 3/4   | 4,845.41 | 3/4   | 4,478.64 | 3/4   | 4,111.87 | 3/4   | 3,745.10 | 3/4   | 3,378.34 | 3/4   | 3,011.57 | 3/4   | 2,644.80 |       |          |
| 8     | 8   | 8     | 5,169.75 | 8     | 4,837.77 | 8     | 4,471.00 | 8     | 4,104.23 | 8     | 3,737.46 | 8     | 3,370.70 | 8     | 3,003.93 | 8     | 2,637.16 |       |          |
| 1/4   | 1/4 | 1/4   | 5,166.28 | 1/4   | 4,830.13 | 1/4   | 4,463.36 | 1/4   | 4,096.59 | 1/4   | 3,729.82 | 1/4   | 3,363.06 | 1/4   | 2,996.29 | 1/4   | 2,629.52 |       |          |
| 1/2   | 1/2 | 1/2   | 5,162.82 | 1/2   | 4,822.49 | 1/2   | 4,455.72 | 1/2   | 4,088.95 | 1/2   | 3,722.18 | 1/2   | 3,355.41 | 1/2   | 2,988.64 | 1/2   | 2,621.88 |       |          |
| 3/4   | 3/4 | 3/4   | 5,159.35 | 3/4   | 4,814.84 | 3/4   | 4,448.08 | 3/4   | 4,081.31 | 3/4   | 3,714.54 | 3/4   | 3,347.77 | 3/4   | 2,981.00 | 3/4   | 2,614.24 |       |          |
| 9     | 9   | 9     | 5,155.88 | 9     | 4,807.20 | 9     | 4,440.44 | 9     | 4,073.67 | 9     | 3,706.90 | 9     | 3,340.13 | 9     | 2,973.36 | 9     | 2,606.60 |       |          |
| 1/4   | 1/4 | 1/4   | 5,151.02 | 1/4   | 4,799.56 | 1/4   | 4,432.80 | 1/4   | 4,066.03 | 1/4   | 3,699.26 | 1/4   | 3,332.49 | 1/4   | 2,965.72 | 1/4   | 2,598.96 |       |          |
| 1/2   | 1/2 | 1/2   | 5,146.17 | 1/2   | 4,791.92 | 1/2   | 4,425.15 | 1/2   | 4,058.38 | 1/2   | 3,691.62 | 1/2   | 3,324.85 | 1/2   | 2,958.08 | 1/2   | 2,591.32 |       |          |
| 3/4   | 3/4 | 3/4   | 5,141.31 | 3/4   | 4,784.28 | 3/4   | 4,417.51 | 3/4   | 4,050.74 | 3/4   | 3,683.98 | 3/4   | 3,317.21 | 3/4   | 2,950.44 | 3/4   | 2,583.67 |       |          |
| 10    | 10  | 10    | 5,136.45 | 10    | 4,776.64 | 10    | 4,409.87 | 10    | 4,043.10 | 10    | 3,676.34 | 10    | 3,309.57 | 10    | 2,942.80 | 10    | 2,576.03 |       |          |
| 1/4   | 1/4 | 1/4   | 5,130.20 | 1/4   | 4,769.00 | 1/4   | 4,402.23 | 1/4   | 4,035.46 | 1/4   | 3,668.70 | 1/4   | 3,301.93 | 1/4   | 2,935.16 | 1/4   | 2,568.39 |       |          |
| 1/2   | 1/2 | 1/2   | 5,123.95 | 1/2   | 4,761.36 | 1/2   | 4,394.59 | 1/2   | 4,027.82 | 1/2   | 3,661.05 | 1/2   | 3,294.28 | 1/2   | 2,927.52 | 1/2   | 2,560.75 |       |          |
| 3/4   | 3/4 | 3/4   | 5,117.70 | 3/4   | 4,753.73 | 3/4   | 4,386.95 | 3/4   | 4,020.18 | 3/4   | 3,653.41 | 3/4   | 3,286.64 | 3/4   | 2,919.88 | 3/4   | 2,553.11 |       |          |
| 11    | 11  | 11    | 5,111.45 | 11    | 4,746.09 | 11    | 4,379.31 | 11    | 4,012.54 | 11    | 3,645.77 | 11    | 3,279.00 | 11    | 2,912.24 | 11    | 2,545.47 |       |          |
| 1/4   | 1/4 | 1/4   | 5,104.16 | 1/4   | 4,738.44 | 1/4   | 4,371.60 | 1/4   | 4,004.90 | 1/4   | 3,638.13 | 1/4   | 3,271.36 | 1/4   | 2,904.60 | 1/4   | 2,537.83 |       |          |
| 1/2   | 1/2 | 1/2   | 5,096.87 | 1/2   | 4,730.80 | 1/2   | 4,363.89 | 1/2   | 3,997.26 | 1/2   | 3,630.49 | 1/2   | 3,263.72 | 1/2   | 2,896.95 | 1/2   | 2,530.19 |       |          |
| 3/4   | 3/4 | 3/4   | 5,089.57 | 3/4   | 4,723.15 | 3/4   | 4,356.18 | 3/4   | 3,989.62 | 3/4   | 3,622.85 | 3/4   | 3,256.08 | 3/4   | 2,889.31 | 3/4   | 2,522.54 |       |          |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "KIRBY 30075"

## 1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 17'-00"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

| 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   | 2,514.90 | 0   | 2,148.14 | 0   | 1,781.37 | 0   | 1,414.60 | 0   | 1,047.83 | 0   | 681.06 | 0   | 320.82 | 0   | 16.98  | 0   |        | 0   |        |
| 1/4 | 2,507.26 | 1/4 | 2,140.50 | 1/4 | 1,773.73 | 1/4 | 1,406.96 | 1/4 | 1,040.19 | 1/4 | 673.42 | 1/4 | 313.72 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,499.62 | 1/2 | 2,132.86 | 1/2 | 1,766.09 | 1/2 | 1,399.32 | 1/2 | 1,032.55 | 1/2 | 665.78 | 1/2 | 306.62 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,491.98 | 3/4 | 2,125.21 | 3/4 | 1,758.44 | 3/4 | 1,391.68 | 3/4 | 1,024.91 | 3/4 | 658.14 | 3/4 | 299.51 | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,484.34 | 1   | 2,117.57 | 1   | 1,750.80 | 1   | 1,384.04 | 1   | 1,017.27 | 1   | 650.50 | 1   | 292.41 | 1   | 1      | 1   |        | 1   |        |
| 1/4 | 2,476.70 | 1/4 | 2,109.93 | 1/4 | 1,743.16 | 1/4 | 1,376.40 | 1/4 | 1,009.63 | 1/4 | 642.86 | 1/4 | 285.31 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,469.06 | 1/2 | 2,102.29 | 1/2 | 1,735.52 | 1/2 | 1,368.76 | 1/2 | 1,001.99 | 1/2 | 635.22 | 1/2 | 278.21 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,461.42 | 3/4 | 2,094.65 | 3/4 | 1,727.88 | 3/4 | 1,361.11 | 3/4 | 994.34   | 3/4 | 627.58 | 3/4 | 271.10 | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,453.78 | 2   | 2,087.01 | 2   | 1,720.24 | 2   | 1,353.47 | 2   | 986.70   | 2   | 619.94 | 2   | 264.00 | 2   | 2      | 2   |        | 2   |        |
| 1/4 | 2,446.14 | 1/4 | 2,079.37 | 1/4 | 1,712.60 | 1/4 | 1,345.83 | 1/4 | 979.06   | 1/4 | 612.30 | 1/4 | 257.00 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,438.50 | 1/2 | 2,071.73 | 1/2 | 1,704.96 | 1/2 | 1,338.19 | 1/2 | 971.42   | 1/2 | 604.66 | 1/2 | 250.01 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,430.85 | 3/4 | 2,064.08 | 3/4 | 1,697.32 | 3/4 | 1,330.55 | 3/4 | 963.78   | 3/4 | 597.01 | 3/4 | 243.01 | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,423.21 | 3   | 2,056.44 | 3   | 1,689.68 | 3   | 1,322.91 | 3   | 956.14   | 3   | 589.37 | 3   | 236.01 | 3   | 3      | 3   |        | 3   |        |
| 1/4 | 2,415.57 | 1/4 | 2,048.80 | 1/4 | 1,682.04 | 1/4 | 1,315.27 | 1/4 | 948.50   | 1/4 | 581.73 | 1/4 | 229.12 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,407.93 | 1/2 | 2,041.16 | 1/2 | 1,674.40 | 1/2 | 1,307.63 | 1/2 | 940.86   | 1/2 | 574.09 | 1/2 | 222.23 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,400.29 | 3/4 | 2,033.52 | 3/4 | 1,666.75 | 3/4 | 1,299.98 | 3/4 | 933.22   | 3/4 | 566.45 | 3/4 | 215.34 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,392.65 | 4   | 2,025.88 | 4   | 1,659.11 | 4   | 1,292.34 | 4   | 925.58   | 4   | 558.81 | 4   | 208.45 | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 2,385.01 | 1/4 | 2,018.24 | 1/4 | 1,651.47 | 1/4 | 1,284.70 | 1/4 | 917.94   | 1/4 | 551.17 | 1/4 | 201.56 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,377.37 | 1/2 | 2,010.60 | 1/2 | 1,643.83 | 1/2 | 1,277.06 | 1/2 | 910.30   | 1/2 | 543.53 | 1/2 | 194.67 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,369.72 | 3/4 | 2,002.96 | 3/4 | 1,636.19 | 3/4 | 1,269.42 | 3/4 | 902.65   | 3/4 | 535.88 | 3/4 | 187.77 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,362.08 | 5   | 1,995.32 | 5   | 1,628.55 | 5   | 1,261.78 | 5   | 895.01   | 5   | 528.24 | 5   | 180.88 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,354.44 | 1/4 | 1,987.68 | 1/4 | 1,620.91 | 1/4 | 1,254.14 | 1/4 | 887.37   | 1/4 | 520.66 | 1/4 | 174.09 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,346.80 | 1/2 | 1,980.04 | 1/2 | 1,613.27 | 1/2 | 1,246.50 | 1/2 | 879.73   | 1/2 | 513.09 | 1/2 | 167.31 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,339.16 | 3/4 | 1,972.39 | 3/4 | 1,605.62 | 3/4 | 1,238.86 | 3/4 | 872.09   | 3/4 | 505.51 | 3/4 | 160.52 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,331.52 | 6   | 1,964.75 | 6   | 1,597.98 | 6   | 1,231.22 | 6   | 864.45   | 6   | 497.93 | 6   | 153.73 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,323.88 | 1/4 | 1,957.11 | 1/4 | 1,590.34 | 1/4 | 1,223.58 | 1/4 | 856.81   | 1/4 | 490.41 | 1/4 | 148.72 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,316.24 | 1/2 | 1,949.47 | 1/2 | 1,582.70 | 1/2 | 1,215.94 | 1/2 | 849.17   | 1/2 | 482.90 | 1/2 | 143.71 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,308.60 | 3/4 | 1,941.83 | 3/4 | 1,575.06 | 3/4 | 1,208.29 | 3/4 | 841.52   | 3/4 | 475.38 | 3/4 | 138.69 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,300.96 | 7   | 1,934.19 | 7   | 1,567.42 | 7   | 1,200.65 | 7   | 833.88   | 7   | 467.86 | 7   | 133.68 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,293.32 | 1/4 | 1,926.55 | 1/4 | 1,559.78 | 1/4 | 1,193.01 | 1/4 | 826.24   | 1/4 | 460.34 | 1/4 | 125.33 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,285.68 | 1/2 | 1,918.91 | 1/2 | 1,552.14 | 1/2 | 1,185.37 | 1/2 | 818.60   | 1/2 | 452.82 | 1/2 | 116.97 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,278.03 | 3/4 | 1,911.26 | 3/4 | 1,544.50 | 3/4 | 1,177.73 | 3/4 | 810.96   | 3/4 | 445.30 | 3/4 | 108.62 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,270.39 | 8   | 1,903.62 | 8   | 1,536.86 | 8   | 1,170.09 | 8   | 803.32   | 8   | 437.78 | 8   | 100.26 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,262.75 | 1/4 | 1,895.98 | 1/4 | 1,529.22 | 1/4 | 1,162.45 | 1/4 | 795.68   | 1/4 | 430.37 | 1/4 | 93.68  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,255.11 | 1/2 | 1,888.34 | 1/2 | 1,521.58 | 1/2 | 1,154.81 | 1/2 | 788.04   | 1/2 | 422.95 | 1/2 | 87.11  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,247.47 | 3/4 | 1,880.70 | 3/4 | 1,513.93 | 3/4 | 1,147.16 | 3/4 | 780.40   | 3/4 | 415.54 | 3/4 | 80.53  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,239.83 | 9   | 1,873.06 | 9   | 1,506.29 | 9   | 1,139.52 | 9   | 772.76   | 9   | 408.12 | 9   | 73.95  | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,232.19 | 1/4 | 1,865.42 | 1/4 | 1,498.65 | 1/4 | 1,131.88 | 1/4 | 765.12   | 1/4 | 400.81 | 1/4 | 68.16  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,224.55 | 1/2 | 1,857.78 | 1/2 | 1,491.01 | 1/2 | 1,124.24 | 1/2 | 757.48   | 1/2 | 393.50 | 1/2 | 62.37  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,216.90 | 3/4 | 1,850.14 | 3/4 | 1,483.37 | 3/4 | 1,116.60 | 3/4 | 749.83   | 3/4 | 386.19 | 3/4 | 56.58  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,209.26 | 10  | 1,842.50 | 10  | 1,475.73 | 10  | 1,108.96 | 10  | 742.19   | 10  | 378.88 | 10  | 50.79  | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,201.62 | 1/4 | 1,834.86 | 1/4 | 1,468.09 | 1/4 | 1,101.32 | 1/4 | 734.55   | 1/4 | 371.57 | 1/4 | 45.96  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,193.98 | 1/2 | 1,827.22 | 1/2 | 1,460.45 | 1/2 | 1,093.68 | 1/2 | 726.91   | 1/2 | 364.26 | 1/2 | 41.14  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,186.34 | 3/4 | 1,819.57 | 3/4 | 1,452.80 | 3/4 | 1,086.04 | 3/4 | 719.27   | 3/4 | 356.95 | 3/4 | 36.31  | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,178.70 | 11  | 1,811.93 | 11  | 1,445.16 | 11  | 1,078.40 | 11  | 711.63   | 11  | 349.64 | 11  | 31.48  | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,171.06 | 1/4 | 1,804.29 | 1/4 | 1,437.52 | 1/4 | 1,070.76 | 1/4 | 703.99   | 1/4 | 342.44 | 1/4 | 27.86  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,163.42 | 1/2 | 1,796.65 | 1/2 | 1,429.88 | 1/2 | 1,063.12 | 1/2 | 696.35   | 1/2 | 335.23 | 1/2 | 24.23  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,155.78 | 3/4 | 1,789.01 | 3/4 | 1,422.24 | 3/4 | 1,055.47 | 3/4 | 688.70   | 3/4 | 328.03 | 3/4 | 20.61  | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30075"

## 1 STBD ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 17'-00 3/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   | 5,097.04 | 0   | 4,730.79 | 0   | 4,364.03 | 0   | 3,997.26 | 0   | 3,630.49 | 0   | 3,263.72 | 0   | 2,896.95 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,089.58 | 1/4 | 4,723.15 | 1/4 | 4,356.38 | 1/4 | 3,989.61 | 1/4 | 3,622.85 | 1/4 | 3,256.08 | 1/4 | 2,889.31 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,082.11 | 1/2 | 4,715.51 | 1/2 | 4,348.74 | 1/2 | 3,981.97 | 1/2 | 3,615.21 | 1/2 | 3,248.44 | 1/2 | 2,881.67 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,074.64 | 3/4 | 4,707.87 | 3/4 | 4,341.10 | 3/4 | 3,974.33 | 3/4 | 3,607.57 | 3/4 | 3,240.80 | 3/4 | 2,874.03 |
| 1   |       | 1   |       | 1   |       | 1   | 5,067.00 | 1   | 4,700.23 | 1   | 4,333.46 | 1   | 3,966.69 | 1   | 3,599.93 | 1   | 3,233.16 | 1   | 2,866.39 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,059.36 | 1/4 | 4,692.59 | 1/4 | 4,325.82 | 1/4 | 3,959.05 | 1/4 | 3,592.28 | 1/4 | 3,225.52 | 1/4 | 2,858.75 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,051.71 | 1/2 | 4,684.95 | 1/2 | 4,318.18 | 1/2 | 3,951.41 | 1/2 | 3,584.64 | 1/2 | 3,217.87 | 1/2 | 2,851.11 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,044.07 | 3/4 | 4,677.31 | 3/4 | 4,310.54 | 3/4 | 3,943.77 | 3/4 | 3,577.00 | 3/4 | 3,210.23 | 3/4 | 2,843.47 |
| 2   |       | 2   |       | 2   |       | 2   | 5,036.43 | 2   | 4,669.67 | 2   | 4,302.90 | 2   | 3,936.13 | 2   | 3,569.36 | 2   | 3,202.59 | 2   | 2,835.83 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,028.79 | 1/4 | 4,662.03 | 1/4 | 4,295.25 | 1/4 | 3,928.49 | 1/4 | 3,561.72 | 1/4 | 3,194.95 | 1/4 | 2,828.19 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,021.15 | 1/2 | 4,654.38 | 1/2 | 4,287.61 | 1/2 | 3,920.85 | 1/2 | 3,554.08 | 1/2 | 3,187.31 | 1/2 | 2,820.54 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,013.51 | 3/4 | 4,646.74 | 3/4 | 4,279.97 | 3/4 | 3,913.21 | 3/4 | 3,546.44 | 3/4 | 3,179.67 | 3/4 | 2,812.90 |
| 3   |       | 3   |       | 3   |       | 3   | 5,005.87 | 3   | 4,639.10 | 3   | 4,272.33 | 3   | 3,905.57 | 3   | 3,538.80 | 3   | 3,172.03 | 3   | 2,805.26 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,998.23 | 1/4 | 4,631.46 | 1/4 | 4,264.69 | 1/4 | 3,897.92 | 1/4 | 3,531.15 | 1/4 | 3,164.39 | 1/4 | 2,797.62 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,990.59 | 1/2 | 4,623.82 | 1/2 | 4,257.05 | 1/2 | 3,890.28 | 1/2 | 3,523.51 | 1/2 | 3,156.75 | 1/2 | 2,789.98 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,982.95 | 3/4 | 4,616.18 | 3/4 | 4,249.41 | 3/4 | 3,882.64 | 3/4 | 3,515.87 | 3/4 | 3,149.11 | 3/4 | 2,782.34 |
| 4   |       | 4   |       | 4   |       | 4   | 4,975.31 | 4   | 4,608.54 | 4   | 4,241.77 | 4   | 3,875.00 | 4   | 3,508.23 | 4   | 3,141.47 | 4   | 2,774.70 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,967.67 | 1/4 | 4,600.90 | 1/4 | 4,234.13 | 1/4 | 3,867.36 | 1/4 | 3,500.59 | 1/4 | 3,133.83 | 1/4 | 2,767.06 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,960.02 | 1/2 | 4,593.25 | 1/2 | 4,226.49 | 1/2 | 3,859.72 | 1/2 | 3,492.95 | 1/2 | 3,126.18 | 1/2 | 2,759.41 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,952.38 | 3/4 | 4,585.61 | 3/4 | 4,218.85 | 3/4 | 3,852.08 | 3/4 | 3,485.31 | 3/4 | 3,118.54 | 3/4 | 2,751.77 |
| 5   |       | 5   |       | 5   |       | 5   | 4,944.74 | 5   | 4,577.97 | 5   | 4,211.21 | 5   | 3,844.44 | 5   | 3,477.67 | 5   | 3,110.90 | 5   | 2,744.13 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,937.10 | 1/4 | 4,570.33 | 1/4 | 4,203.56 | 1/4 | 3,836.79 | 1/4 | 3,470.03 | 1/4 | 3,103.26 | 1/4 | 2,736.49 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,929.46 | 1/2 | 4,562.69 | 1/2 | 4,195.92 | 1/2 | 3,829.15 | 1/2 | 3,462.39 | 1/2 | 3,095.62 | 1/2 | 2,728.85 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,181.54 | 3/4 | 4,921.82 | 3/4 | 4,555.05 | 3/4 | 4,188.28 | 3/4 | 3,821.51 | 3/4 | 3,454.75 | 3/4 | 3,087.98 |
| 6   |       | 6   |       | 6   |       | 6   | 5,181.46 | 6   | 4,914.18 | 6   | 4,547.41 | 6   | 4,180.64 | 6   | 3,813.87 | 6   | 3,447.11 | 6   | 3,080.34 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,181.37 | 1/4 | 4,906.54 | 1/4 | 4,539.77 | 1/4 | 4,173.00 | 1/4 | 3,806.23 | 1/4 | 3,439.46 | 1/4 | 3,072.70 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,181.29 | 1/2 | 4,898.89 | 1/2 | 4,532.13 | 1/2 | 4,165.36 | 1/2 | 3,798.59 | 1/2 | 3,431.82 | 1/2 | 3,065.05 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,181.20 | 3/4 | 4,891.25 | 3/4 | 4,524.49 | 3/4 | 4,157.72 | 3/4 | 3,790.95 | 3/4 | 3,424.18 | 3/4 | 3,057.41 |
| 7   |       | 7   |       | 7   |       | 7   | 5,180.07 | 7   | 4,883.61 | 7   | 4,516.85 | 7   | 4,150.08 | 7   | 3,783.31 | 7   | 3,416.54 | 7   | 3,049.77 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,178.95 | 1/4 | 4,875.97 | 1/4 | 4,509.20 | 1/4 | 4,142.43 | 1/4 | 3,775.67 | 1/4 | 3,408.90 | 1/4 | 3,042.13 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,177.82 | 1/2 | 4,868.33 | 1/2 | 4,501.56 | 1/2 | 4,134.79 | 1/2 | 3,768.03 | 1/2 | 3,401.26 | 1/2 | 3,034.49 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,176.69 | 3/4 | 4,860.69 | 3/4 | 4,493.92 | 3/4 | 4,127.15 | 3/4 | 3,760.39 | 3/4 | 3,393.62 | 3/4 | 3,026.85 |
| 8   |       | 8   |       | 8   |       | 8   | 5,174.26 | 8   | 4,853.05 | 8   | 4,486.28 | 8   | 4,119.51 | 8   | 3,752.75 | 8   | 3,385.98 | 8   | 3,019.21 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,171.84 | 1/4 | 4,845.41 | 1/4 | 4,478.64 | 1/4 | 4,111.87 | 1/4 | 3,745.10 | 1/4 | 3,378.33 | 1/4 | 3,011.57 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,169.41 | 1/2 | 4,837.77 | 1/2 | 4,471.00 | 1/2 | 4,104.23 | 1/2 | 3,737.46 | 1/2 | 3,370.69 | 1/2 | 3,003.93 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,166.98 | 3/4 | 4,830.13 | 3/4 | 4,463.36 | 3/4 | 4,096.59 | 3/4 | 3,729.82 | 3/4 | 3,363.05 | 3/4 | 2,996.29 |
| 9   |       | 9   |       | 9   |       | 9   | 5,163.17 | 9   | 4,822.49 | 9   | 4,455.72 | 9   | 4,088.95 | 9   | 3,722.18 | 9   | 3,355.41 | 9   | 2,988.65 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,159.35 | 1/4 | 4,814.85 | 1/4 | 4,448.07 | 1/4 | 4,081.31 | 1/4 | 3,714.54 | 1/4 | 3,347.77 | 1/4 | 2,981.01 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,155.54 | 1/2 | 4,807.20 | 1/2 | 4,440.43 | 1/2 | 4,073.67 | 1/2 | 3,706.90 | 1/2 | 3,340.13 | 1/2 | 2,973.36 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,151.72 | 3/4 | 4,799.56 | 3/4 | 4,432.79 | 3/4 | 4,066.03 | 3/4 | 3,699.26 | 3/4 | 3,332.49 | 3/4 | 2,965.72 |
| 10  |       | 10  |       | 10  |       | 10  | 5,146.52 | 10  | 4,791.92 | 10  | 4,425.15 | 10  | 4,058.39 | 10  | 3,691.62 | 10  | 3,324.85 | 10  | 2,958.08 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,141.31 | 1/4 | 4,784.28 | 1/4 | 4,417.51 | 1/4 | 4,050.74 | 1/4 | 3,683.97 | 1/4 | 3,317.21 | 1/4 | 2,950.44 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,136.11 | 1/2 | 4,776.64 | 1/2 | 4,409.87 | 1/2 | 4,043.10 | 1/2 | 3,676.33 | 1/2 | 3,309.57 | 1/2 | 2,942.80 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,130.90 | 3/4 | 4,769.00 | 3/4 | 4,402.23 | 3/4 | 4,035.46 | 3/4 | 3,668.69 | 3/4 | 3,301.93 | 3/4 | 2,935.16 |
| 11  |       | 11  |       | 11  |       | 11  | 5,124.30 | 11  | 4,761.36 | 11  | 4,394.59 | 11  | 4,027.82 | 11  | 3,661.05 | 11  | 3,294.29 | 11  | 2,927.52 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,117.71 | 1/4 | 4,753.72 | 1/4 | 4,386.95 | 1/4 | 4,020.18 | 1/4 | 3,653.41 | 1/4 | 3,286.65 | 1/4 | 2,919.88 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,111.11 | 1/2 | 4,746.07 | 1/2 | 4,379.31 | 1/2 | 4,012.54 | 1/2 | 3,645.77 | 1/2 | 3,279.00 | 1/2 | 2,912.23 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,104.51 | 3/4 | 4,738.43 | 3/4 | 4,371.67 | 3/4 | 4,004.90 | 3/4 | 3,638.13 | 3/4 | 3,271.36 | 3/4 | 2,904.59 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-03" 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 30075"

1 STBD

ULLAGE TABLE  
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 17'-00 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   | 2,530.19 | 0   | 2,163.42 | 0   | 1,796.65 | 0   | 1,429.88 | 0   | 1,063.11 | 0   | 696.35 | 0   | 335.18 | 0   | 23.90  | 0   |        | 0   |        |
| 1/4 | 2,522.55 | 1/4 | 2,155.78 | 1/4 | 1,789.01 | 1/4 | 1,422.24 | 1/4 | 1,055.47 | 1/4 | 688.71 | 1/4 | 328.03 | 1/4 | 20.61  | 1/4 |        | 1/4 |        |
| 1/2 | 2,514.90 | 1/2 | 2,148.13 | 1/2 | 1,781.37 | 1/2 | 1,414.60 | 1/2 | 1,047.83 | 1/2 | 681.06 | 1/2 | 320.87 | 1/2 | 17.31  | 1/2 |        | 1/2 |        |
| 3/4 | 2,507.26 | 3/4 | 2,140.49 | 3/4 | 1,773.73 | 3/4 | 1,406.96 | 3/4 | 1,040.19 | 3/4 | 673.42 | 3/4 | 313.72 | 3/4 | 14.01  | 3/4 |        | 3/4 |        |
| 1   | 2,499.62 | 1   | 2,132.85 | 1   | 1,766.09 | 1   | 1,399.32 | 1   | 1,032.55 | 1   | 665.78 | 1   | 306.62 | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,491.98 | 1/4 | 2,125.21 | 1/4 | 1,758.45 | 1/4 | 1,391.68 | 1/4 | 1,024.91 | 1/4 | 658.14 | 1/4 | 299.52 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,484.34 | 1/2 | 2,117.57 | 1/2 | 1,750.80 | 1/2 | 1,384.03 | 1/2 | 1,017.27 | 1/2 | 650.50 | 1/2 | 292.41 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,476.70 | 3/4 | 2,109.93 | 3/4 | 1,743.16 | 3/4 | 1,376.39 | 3/4 | 1,009.63 | 3/4 | 642.86 | 3/4 | 285.31 | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,469.06 | 2   | 2,102.29 | 2   | 1,735.52 | 2   | 1,368.75 | 2   | 1,001.99 | 2   | 635.22 | 2   | 278.21 | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,461.42 | 1/4 | 2,094.65 | 1/4 | 1,727.88 | 1/4 | 1,361.11 | 1/4 | 994.35   | 1/4 | 627.58 | 1/4 | 271.11 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,453.77 | 1/2 | 2,087.01 | 1/2 | 1,720.24 | 1/2 | 1,353.47 | 1/2 | 986.70   | 1/2 | 619.93 | 1/2 | 264.00 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,446.13 | 3/4 | 2,079.37 | 3/4 | 1,712.60 | 3/4 | 1,345.83 | 3/4 | 979.06   | 3/4 | 612.29 | 3/4 | 256.90 | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,438.49 | 3   | 2,071.73 | 3   | 1,704.96 | 3   | 1,338.19 | 3   | 971.42   | 3   | 604.65 | 3   | 249.96 | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,430.85 | 1/4 | 2,064.09 | 1/4 | 1,697.32 | 1/4 | 1,330.55 | 1/4 | 963.78   | 1/4 | 597.01 | 1/4 | 243.01 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,423.21 | 1/2 | 2,056.44 | 1/2 | 1,689.67 | 1/2 | 1,322.91 | 1/2 | 956.14   | 1/2 | 589.37 | 1/2 | 236.07 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,415.57 | 3/4 | 2,048.80 | 3/4 | 1,682.03 | 3/4 | 1,315.27 | 3/4 | 948.50   | 3/4 | 581.73 | 3/4 | 229.12 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,407.93 | 4   | 2,041.16 | 4   | 1,674.39 | 4   | 1,307.63 | 4   | 940.86   | 4   | 574.09 | 4   | 222.23 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,400.29 | 1/4 | 2,033.52 | 1/4 | 1,666.75 | 1/4 | 1,299.99 | 1/4 | 933.22   | 1/4 | 566.45 | 1/4 | 215.34 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,392.65 | 1/2 | 2,025.88 | 1/2 | 1,659.11 | 1/2 | 1,292.34 | 1/2 | 925.57   | 1/2 | 558.81 | 1/2 | 208.44 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,385.01 | 3/4 | 2,018.24 | 3/4 | 1,651.47 | 3/4 | 1,284.70 | 3/4 | 917.93   | 3/4 | 551.17 | 3/4 | 201.55 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,377.37 | 5   | 2,010.60 | 5   | 1,643.83 | 5   | 1,277.06 | 5   | 910.29   | 5   | 543.53 | 5   | 194.66 | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,369.73 | 1/4 | 2,002.96 | 1/4 | 1,636.19 | 1/4 | 1,269.42 | 1/4 | 902.65   | 1/4 | 535.89 | 1/4 | 187.77 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,362.08 | 1/2 | 1,995.31 | 1/2 | 1,628.55 | 1/2 | 1,261.78 | 1/2 | 895.01   | 1/2 | 528.24 | 1/2 | 180.88 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,354.44 | 3/4 | 1,987.67 | 3/4 | 1,620.91 | 3/4 | 1,254.14 | 3/4 | 887.37   | 3/4 | 520.60 | 3/4 | 173.99 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,346.80 | 6   | 1,980.03 | 6   | 1,613.27 | 6   | 1,246.50 | 6   | 879.73   | 6   | 513.05 | 6   | 167.26 | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,339.16 | 1/4 | 1,972.39 | 1/4 | 1,605.63 | 1/4 | 1,238.86 | 1/4 | 872.09   | 1/4 | 505.51 | 1/4 | 160.52 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,331.52 | 1/2 | 1,964.75 | 1/2 | 1,597.98 | 1/2 | 1,231.21 | 1/2 | 864.45   | 1/2 | 497.96 | 1/2 | 153.79 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,323.88 | 3/4 | 1,957.11 | 3/4 | 1,590.34 | 3/4 | 1,223.57 | 3/4 | 856.81   | 3/4 | 490.41 | 3/4 | 147.05 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,316.24 | 7   | 1,949.47 | 7   | 1,582.70 | 7   | 1,215.93 | 7   | 849.17   | 7   | 482.89 | 7   | 140.37 | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,308.60 | 1/4 | 1,941.83 | 1/4 | 1,575.06 | 1/4 | 1,208.29 | 1/4 | 841.53   | 1/4 | 475.38 | 1/4 | 133.68 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,300.95 | 1/2 | 1,934.19 | 1/2 | 1,567.42 | 1/2 | 1,200.65 | 1/2 | 833.88   | 1/2 | 467.86 | 1/2 | 127.00 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,293.31 | 3/4 | 1,926.55 | 3/4 | 1,559.78 | 3/4 | 1,193.01 | 3/4 | 826.24   | 3/4 | 460.34 | 3/4 | 120.31 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,285.67 | 8   | 1,918.91 | 8   | 1,552.14 | 8   | 1,185.37 | 8   | 818.60   | 8   | 452.82 | 8   | 113.63 | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,278.03 | 1/4 | 1,911.27 | 1/4 | 1,544.50 | 1/4 | 1,177.73 | 1/4 | 810.96   | 1/4 | 445.30 | 1/4 | 106.95 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,270.39 | 1/2 | 1,903.62 | 1/2 | 1,536.85 | 1/2 | 1,170.09 | 1/2 | 803.32   | 1/2 | 437.78 | 1/2 | 100.26 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,262.75 | 3/4 | 1,895.98 | 3/4 | 1,529.21 | 3/4 | 1,162.45 | 3/4 | 795.68   | 3/4 | 430.26 | 3/4 | 93.58  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,255.11 | 9   | 1,888.34 | 9   | 1,521.57 | 9   | 1,154.81 | 9   | 788.04   | 9   | 422.90 | 9   | 87.12  | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,247.47 | 1/4 | 1,880.70 | 1/4 | 1,513.93 | 1/4 | 1,147.17 | 1/4 | 780.40   | 1/4 | 415.54 | 1/4 | 80.67  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,239.83 | 1/2 | 1,873.06 | 1/2 | 1,506.29 | 1/2 | 1,139.52 | 1/2 | 772.75   | 1/2 | 408.17 | 1/2 | 74.21  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,232.19 | 3/4 | 1,865.42 | 3/4 | 1,498.65 | 3/4 | 1,131.88 | 3/4 | 765.11   | 3/4 | 400.81 | 3/4 | 67.75  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,224.55 | 10  | 1,857.78 | 10  | 1,491.01 | 10  | 1,124.24 | 10  | 757.47   | 10  | 393.50 | 10  | 62.17  | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,216.91 | 1/4 | 1,850.14 | 1/4 | 1,483.37 | 1/4 | 1,116.60 | 1/4 | 749.83   | 1/4 | 386.19 | 1/4 | 56.59  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,209.26 | 1/2 | 1,842.49 | 1/2 | 1,475.73 | 1/2 | 1,108.96 | 1/2 | 742.19   | 1/2 | 378.88 | 1/2 | 51.00  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,201.62 | 3/4 | 1,834.85 | 3/4 | 1,468.09 | 3/4 | 1,101.32 | 3/4 | 734.55   | 3/4 | 371.57 | 3/4 | 45.42  | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,193.98 | 11  | 1,827.21 | 11  | 1,460.45 | 11  | 1,093.68 | 11  | 726.91   | 11  | 364.26 | 11  | 40.87  | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,186.34 | 1/4 | 1,819.57 | 1/4 | 1,452.81 | 1/4 | 1,086.04 | 1/4 | 719.27   | 1/4 | 356.95 | 1/4 | 36.31  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,178.70 | 1/2 | 1,811.93 | 1/2 | 1,445.16 | 1/2 | 1,078.39 | 1/2 | 711.63   | 1/2 | 349.64 | 1/2 | 31.76  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,171.06 | 3/4 | 1,804.29 | 3/4 | 1,437.52 | 3/4 | 1,070.75 | 3/4 | 703.99   | 3/4 | 342.33 | 3/4 | 27.20  | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30075"

## 2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 17'-00" 1/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |          | 0   | 4,806.79 | 0   | 4,462.99 | 0   | 4,119.02 | 0   | 3,775.05 | 0   | 3,431.08 | 0   | 3,087.12 | 0   | 2,743.15 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,799.79 | 1/4 | 4,455.82 | 1/4 | 4,111.85 | 1/4 | 3,767.88 | 1/4 | 3,423.91 | 1/4 | 3,079.95 | 1/4 | 2,735.98 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,792.62 | 1/2 | 4,448.65 | 1/2 | 4,104.69 | 1/2 | 3,760.72 | 1/2 | 3,416.75 | 1/2 | 3,072.78 | 1/2 | 2,728.81 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,785.46 | 3/4 | 4,441.49 | 3/4 | 4,097.52 | 3/4 | 3,753.55 | 3/4 | 3,409.58 | 3/4 | 3,065.62 | 3/4 | 2,721.65 |
| 1   |       | 1   |       | 1   |          | 1   | 4,778.29 | 1   | 4,434.32 | 1   | 4,090.36 | 1   | 3,746.39 | 1   | 3,402.42 | 1   | 3,058.45 | 1   | 2,714.48 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,771.12 | 1/4 | 4,427.15 | 1/4 | 4,083.19 | 1/4 | 3,739.22 | 1/4 | 3,395.25 | 1/4 | 3,051.28 | 1/4 | 2,707.31 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,763.96 | 1/2 | 4,419.99 | 1/2 | 4,076.02 | 1/2 | 3,732.05 | 1/2 | 3,388.09 | 1/2 | 3,044.12 | 1/2 | 2,700.15 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,756.79 | 3/4 | 4,412.82 | 3/4 | 4,068.86 | 3/4 | 3,724.89 | 3/4 | 3,380.92 | 3/4 | 3,036.95 | 3/4 | 2,692.98 |
| 2   |       | 2   |       | 2   |          | 2   | 4,749.63 | 2   | 4,405.66 | 2   | 4,061.69 | 2   | 3,717.72 | 2   | 3,373.76 | 2   | 3,029.79 | 2   | 2,685.82 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,742.46 | 1/4 | 4,398.49 | 1/4 | 4,054.52 | 1/4 | 3,710.55 | 1/4 | 3,366.59 | 1/4 | 3,022.62 | 1/4 | 2,678.65 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,735.29 | 1/2 | 4,391.33 | 1/2 | 4,047.36 | 1/2 | 3,703.39 | 1/2 | 3,359.42 | 1/2 | 3,015.45 | 1/2 | 2,671.49 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,728.13 | 3/4 | 4,384.16 | 3/4 | 4,040.19 | 3/4 | 3,696.22 | 3/4 | 3,352.26 | 3/4 | 3,008.29 | 3/4 | 2,664.32 |
| 3   |       | 3   |       | 3   |          | 3   | 4,720.96 | 3   | 4,377.00 | 3   | 4,033.03 | 3   | 3,689.06 | 3   | 3,345.09 | 3   | 3,001.12 | 3   | 2,657.16 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,713.79 | 1/4 | 4,369.83 | 1/4 | 4,025.86 | 1/4 | 3,681.89 | 1/4 | 3,337.92 | 1/4 | 2,993.95 | 1/4 | 2,649.99 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,706.63 | 1/2 | 4,362.66 | 1/2 | 4,018.69 | 1/2 | 3,674.73 | 1/2 | 3,330.76 | 1/2 | 2,986.79 | 1/2 | 2,642.82 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,699.46 | 3/4 | 4,355.50 | 3/4 | 4,011.53 | 3/4 | 3,667.57 | 3/4 | 3,323.59 | 3/4 | 2,979.62 | 3/4 | 2,635.66 |
| 4   |       | 4   |       | 4   |          | 4   | 4,692.30 | 4   | 4,348.33 | 4   | 4,004.36 | 4   | 3,660.41 | 4   | 3,316.43 | 4   | 2,972.46 | 4   | 2,628.49 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,685.13 | 1/4 | 4,341.16 | 1/4 | 3,997.19 | 1/4 | 3,653.25 | 1/4 | 3,309.26 | 1/4 | 2,965.29 | 1/4 | 2,621.32 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,677.97 | 1/2 | 4,334.00 | 1/2 | 3,990.03 | 1/2 | 3,646.08 | 1/2 | 3,302.09 | 1/2 | 2,958.13 | 1/2 | 2,614.16 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,670.80 | 3/4 | 4,326.83 | 3/4 | 3,982.86 | 3/4 | 3,638.91 | 3/4 | 3,294.93 | 3/4 | 2,950.96 | 3/4 | 2,606.99 |
| 5   |       | 5   |       | 5   |          | 5   | 4,663.64 | 5   | 4,319.67 | 5   | 3,975.70 | 5   | 3,631.73 | 5   | 3,287.76 | 5   | 2,943.80 | 5   | 2,599.83 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,656.47 | 1/4 | 4,312.50 | 1/4 | 3,968.53 | 1/4 | 3,624.56 | 1/4 | 3,280.59 | 1/4 | 2,936.63 | 1/4 | 2,592.66 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,649.30 | 1/2 | 4,305.33 | 1/2 | 3,961.37 | 1/2 | 3,617.40 | 1/2 | 3,273.43 | 1/2 | 2,929.46 | 1/2 | 2,585.49 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,642.14 | 3/4 | 4,298.17 | 3/4 | 3,954.20 | 3/4 | 3,610.23 | 3/4 | 3,266.26 | 3/4 | 2,922.30 | 3/4 | 2,578.33 |
| 6   |       | 6   |       | 6   | 4,900.00 | 6   | 4,634.97 | 6   | 4,291.00 | 6   | 3,947.04 | 6   | 3,603.07 | 6   | 3,259.10 | 6   | 2,915.13 | 6   | 2,571.16 |
| 1/4 |       | 1/4 |       | 1/4 | 4,899.68 | 1/4 | 4,627.80 | 1/4 | 4,283.83 | 1/4 | 3,939.87 | 1/4 | 3,595.90 | 1/4 | 3,251.93 | 1/4 | 2,907.96 | 1/4 | 2,563.99 |
| 1/2 |       | 1/2 |       | 1/2 | 4,898.63 | 1/2 | 4,620.64 | 1/2 | 4,276.67 | 1/2 | 3,932.70 | 1/2 | 3,588.73 | 1/2 | 3,244.77 | 1/2 | 2,900.80 | 1/2 | 2,556.83 |
| 3/4 |       | 3/4 |       | 3/4 | 4,897.58 | 3/4 | 4,613.47 | 3/4 | 4,269.50 | 3/4 | 3,925.54 | 3/4 | 3,581.57 | 3/4 | 3,237.60 | 3/4 | 2,893.63 | 3/4 | 2,549.66 |
| 7   |       | 7   |       | 7   | 4,896.53 | 7   | 4,606.31 | 7   | 4,262.34 | 7   | 3,918.37 | 7   | 3,574.40 | 7   | 3,230.44 | 7   | 2,886.47 | 7   | 2,542.50 |
| 1/4 |       | 1/4 |       | 1/4 | 4,895.48 | 1/4 | 4,599.14 | 1/4 | 4,255.17 | 1/4 | 3,911.20 | 1/4 | 3,567.23 | 1/4 | 3,223.27 | 1/4 | 2,879.30 | 1/4 | 2,535.33 |
| 1/2 |       | 1/2 |       | 1/2 | 4,893.21 | 1/2 | 4,591.97 | 1/2 | 4,248.01 | 1/2 | 3,904.04 | 1/2 | 3,560.07 | 1/2 | 3,216.10 | 1/2 | 2,872.13 | 1/2 | 2,528.17 |
| 3/4 |       | 3/4 |       | 3/4 | 4,890.93 | 3/4 | 4,584.81 | 3/4 | 4,240.84 | 3/4 | 3,896.87 | 3/4 | 3,552.90 | 3/4 | 3,208.94 | 3/4 | 2,864.97 | 3/4 | 2,521.00 |
| 8   |       | 8   |       | 8   | 4,888.66 | 8   | 4,577.64 | 8   | 4,233.68 | 8   | 3,889.71 | 8   | 3,545.74 | 8   | 3,201.77 | 8   | 2,857.80 | 8   | 2,513.84 |
| 1/4 |       | 1/4 |       | 1/4 | 4,886.38 | 1/4 | 4,570.47 | 1/4 | 4,226.51 | 1/4 | 3,882.54 | 1/4 | 3,538.57 | 1/4 | 3,194.60 | 1/4 | 2,850.63 | 1/4 | 2,506.67 |
| 1/2 |       | 1/2 |       | 1/2 | 4,882.80 | 1/2 | 4,563.31 | 1/2 | 4,219.34 | 1/2 | 3,875.37 | 1/2 | 3,531.41 | 1/2 | 3,187.44 | 1/2 | 2,843.47 | 1/2 | 2,499.50 |
| 3/4 |       | 3/4 |       | 3/4 | 4,879.23 | 3/4 | 4,556.14 | 3/4 | 4,212.18 | 3/4 | 3,868.21 | 3/4 | 3,524.24 | 3/4 | 3,180.27 | 3/4 | 2,836.30 | 3/4 | 2,492.34 |
| 9   |       | 9   |       | 9   | 4,875.65 | 9   | 4,548.98 | 9   | 4,205.01 | 9   | 3,861.04 | 9   | 3,517.08 | 9   | 3,173.11 | 9   | 2,829.14 | 9   | 2,485.17 |
| 1/4 |       | 1/4 |       | 1/4 | 4,872.07 | 1/4 | 4,541.81 | 1/4 | 4,197.84 | 1/4 | 3,853.87 | 1/4 | 3,509.91 | 1/4 | 3,165.94 | 1/4 | 2,821.97 | 1/4 | 2,478.00 |
| 1/2 |       | 1/2 |       | 1/2 | 4,867.19 | 1/2 | 4,534.65 | 1/2 | 4,190.68 | 1/2 | 3,846.71 | 1/2 | 3,502.74 | 1/2 | 3,158.77 | 1/2 | 2,814.81 | 1/2 | 2,470.84 |
| 3/4 |       | 3/4 |       | 3/4 | 4,862.31 | 3/4 | 4,527.48 | 3/4 | 4,183.51 | 3/4 | 3,839.54 | 3/4 | 3,495.58 | 3/4 | 3,151.61 | 3/4 | 2,807.64 | 3/4 | 2,463.67 |
| 10  |       | 10  |       | 10  | 4,857.42 | 10  | 4,520.32 | 10  | 4,176.35 | 10  | 3,832.38 | 10  | 3,488.41 | 10  | 3,144.44 | 10  | 2,800.48 | 10  | 2,456.51 |
| 1/4 |       | 1/4 |       | 1/4 | 4,852.54 | 1/4 | 4,513.15 | 1/4 | 4,169.18 | 1/4 | 3,825.21 | 1/4 | 3,481.24 | 1/4 | 3,137.27 | 1/4 | 2,793.31 | 1/4 | 2,449.34 |
| 1/2 |       | 1/2 |       | 1/2 | 4,846.36 | 1/2 | 4,505.98 | 1/2 | 4,162.01 | 1/2 | 3,818.05 | 1/2 | 3,474.08 | 1/2 | 3,130.11 | 1/2 | 2,786.14 | 1/2 | 2,442.17 |
| 3/4 |       | 3/4 |       | 3/4 | 4,840.17 | 3/4 | 4,498.82 | 3/4 | 4,154.85 | 3/4 | 3,810.88 | 3/4 | 3,466.91 | 3/4 | 3,122.94 | 3/4 | 2,778.98 | 3/4 | 2,435.01 |
| 11  |       | 11  |       | 11  | 4,833.99 | 11  | 4,491.65 | 11  | 4,147.68 | 11  | 3,803.72 | 11  | 3,459.75 | 11  | 3,115.78 | 11  | 2,771.81 | 11  | 2,427.84 |
| 1/4 |       | 1/4 |       | 1/4 | 4,827.80 | 1/4 | 4,484.48 | 1/4 | 4,140.51 | 1/4 | 3,796.55 | 1/4 | 3,452.58 | 1/4 | 3,108.61 | 1/4 | 2,764.64 | 1/4 | 2,420.67 |
| 1/2 |       | 1/2 |       | 1/2 | 4,820.80 | 1/2 | 4,477.32 | 1/2 | 4,133.35 | 1/2 | 3,789.38 | 1/2 | 3,445.41 | 1/2 | 3,101.45 | 1/2 | 2,757.48 | 1/2 | 2,413.51 |
| 3/4 |       | 3/4 |       | 3/4 | 4,813.80 | 3/4 | 4,470.15 | 3/4 | 4,126.18 | 3/4 | 3,782.22 | 3/4 | 3,438.25 | 3/4 | 3,094.28 | 3/4 | 2,750.31 | 3/4 | 2,406.34 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-10" 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 30075"

## 2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 17'-00 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   | 2,399.18 | 0   | 2,055.21 | 0   | 1,711.24 | 0   | 1,367.28 | 0   | 1,023.87 | 0   | 681.08 | 0   | 337.11 | 0   | 17.61  | 0   |        | 0   |        |
| 1/4 | 2,392.01 | 1/4 | 2,048.04 | 1/4 | 1,704.07 | 1/4 | 1,360.11 | 1/4 | 1,016.73 | 1/4 | 673.91 | 1/4 | 329.94 | 1/4 | 14.03  | 1/4 |        | 1/4 |        |
| 1/2 | 2,384.85 | 1/2 | 2,040.88 | 1/2 | 1,696.91 | 1/2 | 1,352.94 | 1/2 | 1,009.60 | 1/2 | 666.74 | 1/2 | 322.77 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,377.68 | 3/4 | 2,033.71 | 3/4 | 1,689.74 | 3/4 | 1,345.78 | 3/4 | 1,002.46 | 3/4 | 659.58 | 3/4 | 315.61 | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,370.52 | 1   | 2,026.55 | 1   | 1,682.58 | 1   | 1,338.61 | 1   | 995.33   | 1   | 652.41 | 1   | 308.44 | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,363.35 | 1/4 | 2,019.38 | 1/4 | 1,675.41 | 1/4 | 1,331.44 | 1/4 | 988.19   | 1/4 | 645.24 | 1/4 | 301.27 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,356.18 | 1/2 | 2,012.21 | 1/2 | 1,668.25 | 1/2 | 1,324.28 | 1/2 | 981.06   | 1/2 | 638.08 | 1/2 | 294.11 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,349.02 | 3/4 | 2,005.05 | 3/4 | 1,661.08 | 3/4 | 1,317.11 | 3/4 | 973.92   | 3/4 | 630.91 | 3/4 | 286.94 | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,341.85 | 2   | 1,997.88 | 2   | 1,653.92 | 2   | 1,309.95 | 2   | 966.79   | 2   | 623.75 | 2   | 279.78 | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,334.68 | 1/4 | 1,990.71 | 1/4 | 1,646.75 | 1/4 | 1,302.78 | 1/4 | 959.65   | 1/4 | 616.58 | 1/4 | 272.61 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,327.52 | 1/2 | 1,983.55 | 1/2 | 1,639.58 | 1/2 | 1,295.61 | 1/2 | 952.52   | 1/2 | 609.41 | 1/2 | 265.45 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,320.35 | 3/4 | 1,976.38 | 3/4 | 1,632.42 | 3/4 | 1,288.45 | 3/4 | 945.38   | 3/4 | 602.25 | 3/4 | 258.28 | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,313.19 | 3   | 1,969.22 | 3   | 1,625.25 | 3   | 1,281.28 | 3   | 938.25   | 3   | 595.08 | 3   | 251.12 | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,306.02 | 1/4 | 1,962.05 | 1/4 | 1,618.08 | 1/4 | 1,274.11 | 1/4 | 931.11   | 1/4 | 587.91 | 1/4 | 243.95 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,298.85 | 1/2 | 1,954.89 | 1/2 | 1,610.92 | 1/2 | 1,266.95 | 1/2 | 923.98   | 1/2 | 580.75 | 1/2 | 236.78 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,291.69 | 3/4 | 1,947.72 | 3/4 | 1,603.75 | 3/4 | 1,259.78 | 3/4 | 916.84   | 3/4 | 573.58 | 3/4 | 229.62 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,284.52 | 4   | 1,940.56 | 4   | 1,596.59 | 4   | 1,252.62 | 4   | 909.71   | 4   | 566.42 | 4   | 222.45 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,277.35 | 1/4 | 1,933.39 | 1/4 | 1,589.42 | 1/4 | 1,245.45 | 1/4 | 902.57   | 1/4 | 559.25 | 1/4 | 215.28 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,270.19 | 1/2 | 1,926.22 | 1/2 | 1,582.25 | 1/2 | 1,238.29 | 1/2 | 895.44   | 1/2 | 552.09 | 1/2 | 208.12 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,263.02 | 3/4 | 1,919.06 | 3/4 | 1,575.09 | 3/4 | 1,231.12 | 3/4 | 888.30   | 3/4 | 544.92 | 3/4 | 200.95 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,255.86 | 5   | 1,911.89 | 5   | 1,567.92 | 5   | 1,223.96 | 5   | 881.17   | 5   | 537.76 | 5   | 193.79 | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,248.69 | 1/4 | 1,904.72 | 1/4 | 1,560.75 | 1/4 | 1,216.79 | 1/4 | 874.03   | 1/4 | 530.59 | 1/4 | 186.62 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,241.53 | 1/2 | 1,897.56 | 1/2 | 1,553.59 | 1/2 | 1,209.62 | 1/2 | 866.90   | 1/2 | 523.42 | 1/2 | 179.45 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,234.36 | 3/4 | 1,890.39 | 3/4 | 1,546.42 | 3/4 | 1,202.46 | 3/4 | 859.76   | 3/4 | 516.26 | 3/4 | 172.29 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,227.20 | 6   | 1,883.23 | 6   | 1,539.26 | 6   | 1,195.29 | 6   | 852.63   | 6   | 509.09 | 6   | 165.12 | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,220.03 | 1/4 | 1,876.06 | 1/4 | 1,532.09 | 1/4 | 1,188.12 | 1/4 | 845.49   | 1/4 | 501.92 | 1/4 | 157.95 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,212.86 | 1/2 | 1,868.89 | 1/2 | 1,524.93 | 1/2 | 1,180.96 | 1/2 | 838.36   | 1/2 | 494.76 | 1/2 | 150.79 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,205.70 | 3/4 | 1,861.73 | 3/4 | 1,517.76 | 3/4 | 1,173.79 | 3/4 | 831.22   | 3/4 | 487.59 | 3/4 | 143.62 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,198.53 | 7   | 1,854.56 | 7   | 1,510.60 | 7   | 1,166.63 | 7   | 824.09   | 7   | 480.43 | 7   | 136.46 | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,191.36 | 1/4 | 1,847.39 | 1/4 | 1,503.43 | 1/4 | 1,159.46 | 1/4 | 816.95   | 1/4 | 473.26 | 1/4 | 129.29 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,184.20 | 1/2 | 1,840.23 | 1/2 | 1,496.26 | 1/2 | 1,152.32 | 1/2 | 809.82   | 1/2 | 466.09 | 1/2 | 122.13 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,177.03 | 3/4 | 1,833.06 | 3/4 | 1,489.10 | 3/4 | 1,145.18 | 3/4 | 802.68   | 3/4 | 458.93 | 3/4 | 114.96 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,169.87 | 8   | 1,825.90 | 8   | 1,481.93 | 8   | 1,138.03 | 8   | 795.55   | 8   | 451.76 | 8   | 107.80 | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,162.70 | 1/4 | 1,818.73 | 1/4 | 1,474.76 | 1/4 | 1,130.89 | 1/4 | 788.41   | 1/4 | 444.59 | 1/4 | 100.63 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,155.53 | 1/2 | 1,811.57 | 1/2 | 1,467.60 | 1/2 | 1,123.76 | 1/2 | 781.28   | 1/2 | 437.43 | 1/2 | 93.55  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,148.37 | 3/4 | 1,804.40 | 3/4 | 1,460.43 | 3/4 | 1,116.62 | 3/4 | 774.14   | 3/4 | 430.26 | 3/4 | 86.46  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,141.20 | 9   | 1,797.24 | 9   | 1,453.27 | 9   | 1,109.49 | 9   | 767.01   | 9   | 423.10 | 9   | 79.38  | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,134.03 | 1/4 | 1,790.07 | 1/4 | 1,446.10 | 1/4 | 1,102.35 | 1/4 | 759.87   | 1/4 | 415.93 | 1/4 | 72.29  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,126.87 | 1/2 | 1,782.90 | 1/2 | 1,438.93 | 1/2 | 1,095.22 | 1/2 | 752.71   | 1/2 | 408.77 | 1/2 | 66.18  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,119.70 | 3/4 | 1,775.74 | 3/4 | 1,431.77 | 3/4 | 1,088.08 | 3/4 | 745.55   | 3/4 | 401.60 | 3/4 | 60.07  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,112.54 | 10  | 1,768.57 | 10  | 1,424.60 | 10  | 1,080.95 | 10  | 738.39   | 10  | 394.44 | 10  | 53.96  | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,105.37 | 1/4 | 1,761.40 | 1/4 | 1,417.43 | 1/4 | 1,073.81 | 1/4 | 731.23   | 1/4 | 387.27 | 1/4 | 47.85  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,098.21 | 1/2 | 1,754.24 | 1/2 | 1,410.27 | 1/2 | 1,066.68 | 1/2 | 724.07   | 1/2 | 380.10 | 1/2 | 42.97  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,091.04 | 3/4 | 1,747.07 | 3/4 | 1,403.10 | 3/4 | 1,059.54 | 3/4 | 716.90   | 3/4 | 372.94 | 3/4 | 38.10  | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,083.88 | 11  | 1,739.91 | 11  | 1,395.94 | 11  | 1,052.41 | 11  | 709.74   | 11  | 365.77 | 11  | 33.22  | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,076.71 | 1/4 | 1,732.74 | 1/4 | 1,388.77 | 1/4 | 1,045.27 | 1/4 | 702.57   | 1/4 | 358.60 | 1/4 | 28.34  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,069.54 | 1/2 | 1,725.57 | 1/2 | 1,381.61 | 1/2 | 1,038.14 | 1/2 | 695.41   | 1/2 | 351.44 | 1/2 | 24.76  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,062.38 | 3/4 | 1,718.41 | 3/4 | 1,374.44 | 3/4 | 1,031.00 | 3/4 | 688.24   | 3/4 | 344.27 | 3/4 | 21.19  | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "KIRBY 30075"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 17'-00 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     | 4,806.79 | 0     | 4,462.99 | 0     | 4,119.02 | 0     | 3,775.05 | 0     | 3,431.08 | 0     | 3,087.12 | 0     | 2,743.15 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,799.79 | 1/4   | 4,455.82 | 1/4   | 4,111.85 | 1/4   | 3,767.88 | 1/4   | 3,423.91 | 1/4   | 3,079.95 | 1/4   | 2,735.98 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,792.62 | 1/2   | 4,448.65 | 1/2   | 4,104.69 | 1/2   | 3,760.72 | 1/2   | 3,416.75 | 1/2   | 3,072.78 | 1/2   | 2,728.81 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,785.46 | 3/4   | 4,441.49 | 3/4   | 4,097.52 | 3/4   | 3,753.55 | 3/4   | 3,409.58 | 3/4   | 3,065.62 | 3/4   | 2,721.65 |
| 1     | 1   | 1     | 1        | 1     | 1        | 1     | 4,778.29 | 1     | 4,434.32 | 1     | 4,090.36 | 1     | 3,746.39 | 1     | 3,402.42 | 1     | 3,058.45 | 1     | 2,714.48 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,771.12 | 1/4   | 4,427.15 | 1/4   | 4,083.19 | 1/4   | 3,739.22 | 1/4   | 3,395.25 | 1/4   | 3,051.28 | 1/4   | 2,707.31 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,763.96 | 1/2   | 4,419.99 | 1/2   | 4,076.02 | 1/2   | 3,732.05 | 1/2   | 3,388.09 | 1/2   | 3,044.12 | 1/2   | 2,700.15 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,756.79 | 3/4   | 4,412.82 | 3/4   | 4,068.86 | 3/4   | 3,724.89 | 3/4   | 3,380.92 | 3/4   | 3,036.95 | 3/4   | 2,692.98 |
| 2     | 2   | 2     | 2        | 2     | 2        | 2     | 4,749.63 | 2     | 4,405.66 | 2     | 4,061.69 | 2     | 3,717.72 | 2     | 3,373.76 | 2     | 3,029.79 | 2     | 2,685.82 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,742.46 | 1/4   | 4,398.49 | 1/4   | 4,054.52 | 1/4   | 3,710.55 | 1/4   | 3,366.59 | 1/4   | 3,022.62 | 1/4   | 2,678.65 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,735.29 | 1/2   | 4,391.33 | 1/2   | 4,047.36 | 1/2   | 3,703.39 | 1/2   | 3,359.42 | 1/2   | 3,015.45 | 1/2   | 2,671.49 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,728.13 | 3/4   | 4,384.16 | 3/4   | 4,040.19 | 3/4   | 3,696.22 | 3/4   | 3,352.26 | 3/4   | 3,008.29 | 3/4   | 2,664.32 |
| 3     | 3   | 3     | 3        | 3     | 3        | 3     | 4,720.96 | 3     | 4,377.00 | 3     | 4,033.03 | 3     | 3,689.06 | 3     | 3,345.09 | 3     | 3,001.12 | 3     | 2,657.16 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,713.79 | 1/4   | 4,369.83 | 1/4   | 4,025.86 | 1/4   | 3,681.89 | 1/4   | 3,337.92 | 1/4   | 2,993.95 | 1/4   | 2,649.99 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,706.63 | 1/2   | 4,362.66 | 1/2   | 4,018.69 | 1/2   | 3,674.73 | 1/2   | 3,330.76 | 1/2   | 2,986.79 | 1/2   | 2,642.82 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,699.46 | 3/4   | 4,355.50 | 3/4   | 4,011.53 | 3/4   | 3,667.57 | 3/4   | 3,323.59 | 3/4   | 2,979.62 | 3/4   | 2,635.66 |
| 4     | 4   | 4     | 4        | 4     | 4        | 4     | 4,692.30 | 4     | 4,348.33 | 4     | 4,004.36 | 4     | 3,660.41 | 4     | 3,316.43 | 4     | 2,972.46 | 4     | 2,628.49 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,685.13 | 1/4   | 4,341.16 | 1/4   | 3,997.19 | 1/4   | 3,653.25 | 1/4   | 3,309.26 | 1/4   | 2,965.29 | 1/4   | 2,621.32 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,677.97 | 1/2   | 4,334.00 | 1/2   | 3,990.03 | 1/2   | 3,646.08 | 1/2   | 3,302.09 | 1/2   | 2,958.13 | 1/2   | 2,614.16 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,670.80 | 3/4   | 4,326.83 | 3/4   | 3,982.86 | 3/4   | 3,638.91 | 3/4   | 3,294.93 | 3/4   | 2,950.96 | 3/4   | 2,606.99 |
| 5     | 5   | 5     | 5        | 5     | 5        | 5     | 4,663.64 | 5     | 4,319.67 | 5     | 3,975.70 | 5     | 3,631.73 | 5     | 3,287.76 | 5     | 2,943.80 | 5     | 2,599.83 |
| 1/4   | 1/4 | 1/4   | 1/4      | 1/4   | 1/4      | 1/4   | 4,656.47 | 1/4   | 4,312.50 | 1/4   | 3,968.53 | 1/4   | 3,624.56 | 1/4   | 3,280.59 | 1/4   | 2,936.63 | 1/4   | 2,592.66 |
| 1/2   | 1/2 | 1/2   | 1/2      | 1/2   | 1/2      | 1/2   | 4,649.30 | 1/2   | 4,305.33 | 1/2   | 3,961.37 | 1/2   | 3,617.40 | 1/2   | 3,273.43 | 1/2   | 2,929.46 | 1/2   | 2,585.49 |
| 3/4   | 3/4 | 3/4   | 3/4      | 3/4   | 3/4      | 3/4   | 4,642.14 | 3/4   | 4,298.17 | 3/4   | 3,954.20 | 3/4   | 3,610.23 | 3/4   | 3,266.26 | 3/4   | 2,922.30 | 3/4   | 2,578.33 |
| 6     | 6   | 6     | 4,900.00 | 6     | 4,634.97 | 6     | 4,291.00 | 6     | 3,947.04 | 6     | 3,603.07 | 6     | 3,259.10 | 6     | 2,915.13 | 6     | 2,571.16 |       |          |
| 1/4   | 1/4 | 1/4   | 4,899.68 | 1/4   | 4,627.80 | 1/4   | 4,283.83 | 1/4   | 3,939.87 | 1/4   | 3,595.90 | 1/4   | 3,251.93 | 1/4   | 2,907.96 | 1/4   | 2,563.99 |       |          |
| 1/2   | 1/2 | 1/2   | 4,898.63 | 1/2   | 4,620.64 | 1/2   | 4,276.67 | 1/2   | 3,932.70 | 1/2   | 3,588.73 | 1/2   | 3,244.77 | 1/2   | 2,900.80 | 1/2   | 2,556.83 |       |          |
| 3/4   | 3/4 | 3/4   | 4,897.58 | 3/4   | 4,613.47 | 3/4   | 4,269.50 | 3/4   | 3,925.54 | 3/4   | 3,581.57 | 3/4   | 3,237.60 | 3/4   | 2,893.63 | 3/4   | 2,549.66 |       |          |
| 7     | 7   | 7     | 4,896.53 | 7     | 4,606.31 | 7     | 4,262.34 | 7     | 3,918.37 | 7     | 3,574.40 | 7     | 3,230.44 | 7     | 2,886.47 | 7     | 2,542.50 |       |          |
| 1/4   | 1/4 | 1/4   | 4,895.48 | 1/4   | 4,599.14 | 1/4   | 4,255.17 | 1/4   | 3,911.20 | 1/4   | 3,567.23 | 1/4   | 3,223.27 | 1/4   | 2,879.30 | 1/4   | 2,535.33 |       |          |
| 1/2   | 1/2 | 1/2   | 4,893.21 | 1/2   | 4,591.97 | 1/2   | 4,248.01 | 1/2   | 3,904.04 | 1/2   | 3,560.07 | 1/2   | 3,216.10 | 1/2   | 2,872.13 | 1/2   | 2,528.17 |       |          |
| 3/4   | 3/4 | 3/4   | 4,890.93 | 3/4   | 4,584.81 | 3/4   | 4,240.84 | 3/4   | 3,896.87 | 3/4   | 3,552.90 | 3/4   | 3,208.94 | 3/4   | 2,864.97 | 3/4   | 2,521.00 |       |          |
| 8     | 8   | 8     | 4,888.66 | 8     | 4,577.64 | 8     | 4,233.68 | 8     | 3,889.71 | 8     | 3,545.74 | 8     | 3,201.77 | 8     | 2,857.80 | 8     | 2,513.84 |       |          |
| 1/4   | 1/4 | 1/4   | 4,886.38 | 1/4   | 4,570.47 | 1/4   | 4,226.51 | 1/4   | 3,882.54 | 1/4   | 3,538.57 | 1/4   | 3,194.60 | 1/4   | 2,850.63 | 1/4   | 2,506.67 |       |          |
| 1/2   | 1/2 | 1/2   | 4,882.80 | 1/2   | 4,563.31 | 1/2   | 4,219.34 | 1/2   | 3,875.37 | 1/2   | 3,531.41 | 1/2   | 3,187.44 | 1/2   | 2,843.47 | 1/2   | 2,499.50 |       |          |
| 3/4   | 3/4 | 3/4   | 4,879.23 | 3/4   | 4,556.14 | 3/4   | 4,212.18 | 3/4   | 3,868.21 | 3/4   | 3,524.24 | 3/4   | 3,180.27 | 3/4   | 2,836.30 | 3/4   | 2,492.34 |       |          |
| 9     | 9   | 9     | 4,875.65 | 9     | 4,548.98 | 9     | 4,205.01 | 9     | 3,861.04 | 9     | 3,517.08 | 9     | 3,173.11 | 9     | 2,829.14 | 9     | 2,485.17 |       |          |
| 1/4   | 1/4 | 1/4   | 4,872.07 | 1/4   | 4,541.81 | 1/4   | 4,197.84 | 1/4   | 3,853.87 | 1/4   | 3,509.91 | 1/4   | 3,165.94 | 1/4   | 2,821.97 | 1/4   | 2,478.00 |       |          |
| 1/2   | 1/2 | 1/2   | 4,867.19 | 1/2   | 4,534.65 | 1/2   | 4,190.68 | 1/2   | 3,846.71 | 1/2   | 3,502.74 | 1/2   | 3,158.77 | 1/2   | 2,814.81 | 1/2   | 2,470.84 |       |          |
| 3/4   | 3/4 | 3/4   | 4,862.31 | 3/4   | 4,527.48 | 3/4   | 4,183.51 | 3/4   | 3,839.54 | 3/4   | 3,495.58 | 3/4   | 3,151.61 | 3/4   | 2,807.64 | 3/4   | 2,463.67 |       |          |
| 10    | 10  | 10    | 4,857.42 | 10    | 4,520.32 | 10    | 4,176.35 | 10    | 3,832.38 | 10    | 3,488.41 | 10    | 3,144.44 | 10    | 2,800.48 | 10    | 2,456.51 |       |          |
| 1/4   | 1/4 | 1/4   | 4,852.54 | 1/4   | 4,513.15 | 1/4   | 4,169.18 | 1/4   | 3,825.21 | 1/4   | 3,481.24 | 1/4   | 3,137.27 | 1/4   | 2,793.31 | 1/4   | 2,449.34 |       |          |
| 1/2   | 1/2 | 1/2   | 4,846.36 | 1/2   | 4,505.98 | 1/2   | 4,162.01 | 1/2   | 3,818.05 | 1/2   | 3,474.08 | 1/2   | 3,130.11 | 1/2   | 2,786.14 | 1/2   | 2,442.17 |       |          |
| 3/4   | 3/4 | 3/4   | 4,840.17 | 3/4   | 4,498.82 | 3/4   | 4,154.85 | 3/4   | 3,810.88 | 3/4   | 3,466.91 | 3/4   | 3,122.94 | 3/4   | 2,778.98 | 3/4   | 2,435.01 |       |          |
| 11    | 11  | 11    | 4,833.99 | 11    | 4,491.65 | 11    | 4,147.68 | 11    | 3,803.72 | 11    | 3,459.75 | 11    | 3,115.78 | 11    | 2,771.81 | 11    | 2,427.84 |       |          |
| 1/4   | 1/4 | 1/4   | 4,827.80 | 1/4   | 4,484.48 | 1/4   | 4,140.51 | 1/4   | 3,796.55 | 1/4   | 3,452.58 | 1/4   | 3,108.61 | 1/4   | 2,764.64 | 1/4   | 2,420.67 |       |          |
| 1/2   | 1/2 | 1/2   | 4,820.80 | 1/2   | 4,477.32 | 1/2   | 4,133.35 | 1/2   | 3,789.38 | 1/2   | 3,445.41 | 1/2   | 3,101.45 | 1/2   | 2,757.48 | 1/2   | 2,413.51 |       |          |
| 3/4   | 3/4 | 3/4   | 4,813.80 | 3/4   | 4,470.15 | 3/4   | 4,126.18 | 3/4   | 3,782.22 | 3/4   | 3,438.25 | 3/4   | 3,094.28 | 3/4   | 2,750.31 | 3/4   | 2,406.34 |       |          |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-10" 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 30075"

## 2 STBD

### ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 17'-00 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   | 2,399.18 | 0   | 2,055.21 | 0   | 1,711.24 | 0   | 1,367.28 | 0   | 1,023.87 | 0   | 681.08 | 0   | 337.11 | 0   | 17.61  | 0   |        | 0   |        |
| 1/4 | 2,392.01 | 1/4 | 2,048.04 | 1/4 | 1,704.07 | 1/4 | 1,360.11 | 1/4 | 1,016.73 | 1/4 | 673.91 | 1/4 | 329.94 | 1/4 | 14.03  | 1/4 |        | 1/4 |        |
| 1/2 | 2,384.85 | 1/2 | 2,040.88 | 1/2 | 1,696.91 | 1/2 | 1,352.94 | 1/2 | 1,009.60 | 1/2 | 666.74 | 1/2 | 322.77 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,377.68 | 3/4 | 2,033.71 | 3/4 | 1,689.74 | 3/4 | 1,345.78 | 3/4 | 1,002.46 | 3/4 | 659.58 | 3/4 | 315.61 | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,370.52 | 1   | 2,026.55 | 1   | 1,682.58 | 1   | 1,338.61 | 1   | 995.33   | 1   | 652.41 | 1   | 308.44 | 1   | 1      | 1   |        | 1   |        |
| 1/4 | 2,363.35 | 1/4 | 2,019.38 | 1/4 | 1,675.41 | 1/4 | 1,331.44 | 1/4 | 988.19   | 1/4 | 645.24 | 1/4 | 301.27 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,356.18 | 1/2 | 2,012.21 | 1/2 | 1,668.25 | 1/2 | 1,324.28 | 1/2 | 981.06   | 1/2 | 638.08 | 1/2 | 294.11 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,349.02 | 3/4 | 2,005.05 | 3/4 | 1,661.08 | 3/4 | 1,317.11 | 3/4 | 973.92   | 3/4 | 630.91 | 3/4 | 286.94 | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,341.85 | 2   | 1,997.88 | 2   | 1,653.92 | 2   | 1,309.95 | 2   | 966.79   | 2   | 623.75 | 2   | 279.78 | 2   | 2      | 2   |        | 2   |        |
| 1/4 | 2,334.68 | 1/4 | 1,990.71 | 1/4 | 1,646.75 | 1/4 | 1,302.78 | 1/4 | 959.65   | 1/4 | 616.58 | 1/4 | 272.61 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,327.52 | 1/2 | 1,983.55 | 1/2 | 1,639.58 | 1/2 | 1,295.61 | 1/2 | 952.52   | 1/2 | 609.41 | 1/2 | 265.45 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,320.35 | 3/4 | 1,976.38 | 3/4 | 1,632.42 | 3/4 | 1,288.45 | 3/4 | 945.38   | 3/4 | 602.25 | 3/4 | 258.28 | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,313.19 | 3   | 1,969.22 | 3   | 1,625.25 | 3   | 1,281.28 | 3   | 938.25   | 3   | 595.08 | 3   | 251.12 | 3   | 3      | 3   |        | 3   |        |
| 1/4 | 2,306.02 | 1/4 | 1,962.05 | 1/4 | 1,618.08 | 1/4 | 1,274.11 | 1/4 | 931.11   | 1/4 | 587.91 | 1/4 | 243.95 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,298.85 | 1/2 | 1,954.89 | 1/2 | 1,610.92 | 1/2 | 1,266.95 | 1/2 | 923.98   | 1/2 | 580.75 | 1/2 | 236.78 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,291.69 | 3/4 | 1,947.72 | 3/4 | 1,603.75 | 3/4 | 1,259.78 | 3/4 | 916.84   | 3/4 | 573.58 | 3/4 | 229.62 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,284.52 | 4   | 1,940.56 | 4   | 1,596.59 | 4   | 1,252.62 | 4   | 909.71   | 4   | 566.42 | 4   | 222.45 | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 2,277.35 | 1/4 | 1,933.39 | 1/4 | 1,589.42 | 1/4 | 1,245.45 | 1/4 | 902.57   | 1/4 | 559.25 | 1/4 | 215.28 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,270.19 | 1/2 | 1,926.22 | 1/2 | 1,582.25 | 1/2 | 1,238.29 | 1/2 | 895.44   | 1/2 | 552.09 | 1/2 | 208.12 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,263.02 | 3/4 | 1,919.06 | 3/4 | 1,575.09 | 3/4 | 1,231.12 | 3/4 | 888.30   | 3/4 | 544.92 | 3/4 | 200.95 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,255.86 | 5   | 1,911.89 | 5   | 1,567.92 | 5   | 1,223.96 | 5   | 881.17   | 5   | 537.76 | 5   | 193.79 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,248.69 | 1/4 | 1,904.72 | 1/4 | 1,560.75 | 1/4 | 1,216.79 | 1/4 | 874.03   | 1/4 | 530.59 | 1/4 | 186.62 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,241.53 | 1/2 | 1,897.56 | 1/2 | 1,553.59 | 1/2 | 1,209.62 | 1/2 | 866.90   | 1/2 | 523.42 | 1/2 | 179.45 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,234.36 | 3/4 | 1,890.39 | 3/4 | 1,546.42 | 3/4 | 1,202.46 | 3/4 | 859.76   | 3/4 | 516.26 | 3/4 | 172.29 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,227.20 | 6   | 1,883.23 | 6   | 1,539.26 | 6   | 1,195.29 | 6   | 852.63   | 6   | 509.09 | 6   | 165.12 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,220.03 | 1/4 | 1,876.06 | 1/4 | 1,532.09 | 1/4 | 1,188.12 | 1/4 | 845.49   | 1/4 | 501.92 | 1/4 | 157.95 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,212.86 | 1/2 | 1,868.89 | 1/2 | 1,524.93 | 1/2 | 1,180.96 | 1/2 | 838.36   | 1/2 | 494.76 | 1/2 | 150.79 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,205.70 | 3/4 | 1,861.73 | 3/4 | 1,517.76 | 3/4 | 1,173.79 | 3/4 | 831.22   | 3/4 | 487.59 | 3/4 | 143.62 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,198.53 | 7   | 1,854.56 | 7   | 1,510.60 | 7   | 1,166.63 | 7   | 824.09   | 7   | 480.43 | 7   | 136.46 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,191.36 | 1/4 | 1,847.39 | 1/4 | 1,503.43 | 1/4 | 1,159.46 | 1/4 | 816.95   | 1/4 | 473.26 | 1/4 | 129.29 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,184.20 | 1/2 | 1,840.23 | 1/2 | 1,496.26 | 1/2 | 1,152.32 | 1/2 | 809.82   | 1/2 | 466.09 | 1/2 | 122.13 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,177.03 | 3/4 | 1,833.06 | 3/4 | 1,489.10 | 3/4 | 1,145.18 | 3/4 | 802.68   | 3/4 | 458.93 | 3/4 | 114.96 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,169.87 | 8   | 1,825.90 | 8   | 1,481.93 | 8   | 1,138.03 | 8   | 795.55   | 8   | 451.76 | 8   | 107.80 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,162.70 | 1/4 | 1,818.73 | 1/4 | 1,474.76 | 1/4 | 1,130.89 | 1/4 | 788.41   | 1/4 | 444.59 | 1/4 | 100.63 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,155.53 | 1/2 | 1,811.57 | 1/2 | 1,467.60 | 1/2 | 1,123.76 | 1/2 | 781.28   | 1/2 | 437.43 | 1/2 | 93.55  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,148.37 | 3/4 | 1,804.40 | 3/4 | 1,460.43 | 3/4 | 1,116.62 | 3/4 | 774.14   | 3/4 | 430.26 | 3/4 | 86.46  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,141.20 | 9   | 1,797.24 | 9   | 1,453.27 | 9   | 1,109.49 | 9   | 767.01   | 9   | 423.10 | 9   | 79.38  | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,134.03 | 1/4 | 1,790.07 | 1/4 | 1,446.10 | 1/4 | 1,102.35 | 1/4 | 759.87   | 1/4 | 415.93 | 1/4 | 72.29  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,126.87 | 1/2 | 1,782.90 | 1/2 | 1,438.93 | 1/2 | 1,095.22 | 1/2 | 752.71   | 1/2 | 408.77 | 1/2 | 66.18  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,119.70 | 3/4 | 1,775.74 | 3/4 | 1,431.77 | 3/4 | 1,088.08 | 3/4 | 745.55   | 3/4 | 401.60 | 3/4 | 60.07  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,112.54 | 10  | 1,768.57 | 10  | 1,424.60 | 10  | 1,080.95 | 10  | 738.39   | 10  | 394.44 | 10  | 53.96  | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,105.37 | 1/4 | 1,761.40 | 1/4 | 1,417.43 | 1/4 | 1,073.81 | 1/4 | 731.23   | 1/4 | 387.27 | 1/4 | 47.85  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,098.21 | 1/2 | 1,754.24 | 1/2 | 1,410.27 | 1/2 | 1,066.68 | 1/2 | 724.07   | 1/2 | 380.10 | 1/2 | 42.97  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,091.04 | 3/4 | 1,747.07 | 3/4 | 1,403.10 | 3/4 | 1,059.54 | 3/4 | 716.90   | 3/4 | 372.94 | 3/4 | 38.10  | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,083.88 | 11  | 1,739.91 | 11  | 1,395.94 | 11  | 1,052.41 | 11  | 709.74   | 11  | 365.77 | 11  | 33.22  | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,076.71 | 1/4 | 1,732.74 | 1/4 | 1,388.77 | 1/4 | 1,045.27 | 1/4 | 702.57   | 1/4 | 358.60 | 1/4 | 28.34  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,069.54 | 1/2 | 1,725.57 | 1/2 | 1,381.61 | 1/2 | 1,038.14 | 1/2 | 695.41   | 1/2 | 351.44 | 1/2 | 24.76  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,062.38 | 3/4 | 1,718.41 | 3/4 | 1,374.44 | 3/4 | 1,031.00 | 3/4 | 688.24   | 3/4 | 344.27 | 3/4 | 21.19  | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30075"

## 3 PORT ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 17'-00 1/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   | 4,560.24 | 0   | 4,320.64 | 0   | 4,080.93 | 0   | 3,841.22 | 0   | 3,601.50 | 0   | 3,275.94 | 0   | 2,911.09 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,555.36 | 1/4 | 4,315.64 | 1/4 | 4,075.93 | 1/4 | 3,836.22 | 1/4 | 3,596.51 | 1/4 | 3,268.29 | 1/4 | 2,903.49 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,550.37 | 1/2 | 4,310.65 | 1/2 | 4,070.94 | 1/2 | 3,831.23 | 1/2 | 3,591.49 | 1/2 | 3,263.69 | 1/2 | 2,895.89 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,545.37 | 3/4 | 4,305.66 | 3/4 | 4,065.95 | 3/4 | 3,826.23 | 3/4 | 3,586.47 | 3/4 | 3,258.09 | 3/4 | 2,888.29 |
| 1   |       | 1   |       | 1   |       | 1   | 4,540.38 | 1   | 4,300.66 | 1   | 4,060.95 | 1   | 3,821.24 | 1   | 3,581.44 | 1   | 3,253.49 | 1   | 2,880.69 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,535.38 | 1/4 | 4,295.67 | 1/4 | 4,055.96 | 1/4 | 3,816.24 | 1/4 | 3,576.42 | 1/4 | 3,248.29 | 1/4 | 2,873.09 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,530.39 | 1/2 | 4,290.68 | 1/2 | 4,050.97 | 1/2 | 3,811.25 | 1/2 | 3,571.05 | 1/2 | 3,243.29 | 1/2 | 2,865.49 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,525.39 | 3/4 | 4,285.68 | 3/4 | 4,045.97 | 3/4 | 3,806.26 | 3/4 | 3,566.31 | 3/4 | 3,238.29 | 3/4 | 2,857.89 |
| 2   |       | 2   |       | 2   |       | 2   | 4,520.40 | 2   | 4,280.69 | 2   | 4,040.98 | 2   | 3,801.26 | 2   | 3,561.31 | 2   | 3,233.09 | 2   | 2,850.29 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,515.40 | 1/4 | 4,275.69 | 1/4 | 4,035.98 | 1/4 | 3,796.27 | 1/4 | 3,556.31 | 1/4 | 3,228.29 | 1/4 | 2,842.69 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,510.41 | 1/2 | 4,270.70 | 1/2 | 4,030.99 | 1/2 | 3,791.28 | 1/2 | 3,551.31 | 1/2 | 3,223.29 | 1/2 | 2,835.09 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,505.42 | 3/4 | 4,265.71 | 3/4 | 4,025.99 | 3/4 | 3,786.28 | 3/4 | 3,546.31 | 3/4 | 3,218.29 | 3/4 | 2,827.49 |
| 3   |       | 3   |       | 3   |       | 3   | 4,500.42 | 3   | 4,260.71 | 3   | 4,021.00 | 3   | 3,781.29 | 3   | 3,541.31 | 3   | 3,213.09 | 3   | 2,819.89 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,495.43 | 1/4 | 4,255.72 | 1/4 | 4,016.00 | 1/4 | 3,776.29 | 1/4 | 3,536.31 | 1/4 | 3,208.29 | 1/4 | 2,812.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,490.33 | 1/2 | 4,250.73 | 1/2 | 4,011.01 | 1/2 | 3,771.30 | 1/2 | 3,531.31 | 1/2 | 3,203.29 | 1/2 | 2,804.69 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,485.24 | 3/4 | 4,245.73 | 3/4 | 4,006.02 | 3/4 | 3,766.31 | 3/4 | 3,526.31 | 3/4 | 3,198.29 | 3/4 | 2,797.09 |
| 4   |       | 4   |       | 4   |       | 4   | 4,480.14 | 4   | 4,240.74 | 4   | 4,001.02 | 4   | 3,761.31 | 4   | 3,521.29 | 4   | 3,193.09 | 4   | 2,789.49 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,475.05 | 1/4 | 4,235.74 | 1/4 | 3,996.03 | 1/4 | 3,756.32 | 1/4 | 3,516.31 | 1/4 | 3,188.29 | 1/4 | 2,781.89 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,470.15 | 1/2 | 4,230.75 | 1/2 | 3,991.04 | 1/2 | 3,751.33 | 1/2 | 3,511.31 | 1/2 | 3,183.29 | 1/2 | 2,774.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,465.26 | 3/4 | 4,225.75 | 3/4 | 3,986.04 | 3/4 | 3,746.33 | 3/4 | 3,506.31 | 3/4 | 3,178.29 | 3/4 | 2,766.69 |
| 5   |       | 5   |       | 5   |       | 5   | 4,460.37 | 5   | 4,220.76 | 5   | 3,981.05 | 5   | 3,741.34 | 5   | 3,501.31 | 5   | 3,173.09 | 5   | 2,759.09 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,455.48 | 1/4 | 4,215.76 | 1/4 | 3,976.05 | 1/4 | 3,736.34 | 1/4 | 3,496.31 | 1/4 | 3,168.29 | 1/4 | 2,751.49 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,450.49 | 1/2 | 4,210.77 | 1/2 | 3,971.06 | 1/2 | 3,731.35 | 1/2 | 3,491.31 | 1/2 | 3,163.29 | 1/2 | 2,743.89 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,445.49 | 3/4 | 4,205.78 | 3/4 | 3,966.07 | 3/4 | 3,726.35 | 3/4 | 3,486.31 | 3/4 | 3,158.29 | 3/4 | 2,736.29 |
| 6   |       | 6   |       | 6   |       | 6   | 4,625.17 | 6   | 4,445.49 | 6   | 4,205.78 | 6   | 3,966.07 | 6   | 3,726.35 | 6   | 3,486.31 | 6   | 3,158.29 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,625.07 | 1/4 | 4,445.50 | 1/4 | 4,205.78 | 1/4 | 3,966.07 | 1/4 | 3,726.36 | 1/4 | 3,486.30 | 1/4 | 3,158.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,624.96 | 1/2 | 4,435.50 | 1/2 | 4,195.79 | 1/2 | 3,956.08 | 1/2 | 3,716.36 | 1/2 | 3,476.31 | 1/2 | 3,148.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,624.23 | 3/4 | 4,430.51 | 3/4 | 4,190.80 | 3/4 | 3,951.09 | 3/4 | 3,711.37 | 3/4 | 3,471.31 | 3/4 | 3,143.29 |
| 7   |       | 7   |       | 7   |       | 7   | 4,623.50 | 7   | 4,425.51 | 7   | 4,185.80 | 7   | 3,946.09 | 7   | 3,706.38 | 7   | 3,466.31 | 7   | 3,138.29 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,622.77 | 1/4 | 4,420.52 | 1/4 | 4,180.81 | 1/4 | 3,941.10 | 1/4 | 3,701.38 | 1/4 | 3,461.31 | 1/4 | 3,133.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,622.04 | 1/2 | 4,415.52 | 1/2 | 4,175.81 | 1/2 | 3,936.10 | 1/2 | 3,696.39 | 1/2 | 3,456.31 | 1/2 | 3,128.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,620.32 | 3/4 | 4,410.53 | 3/4 | 4,170.82 | 3/4 | 3,931.11 | 3/4 | 3,691.40 | 3/4 | 3,451.31 | 3/4 | 3,123.29 |
| 8   |       | 8   |       | 8   |       | 8   | 4,618.61 | 8   | 4,405.54 | 8   | 4,165.83 | 8   | 3,926.11 | 8   | 3,686.40 | 8   | 3,446.31 | 8   | 3,118.29 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,616.89 | 1/4 | 4,400.54 | 1/4 | 4,160.83 | 1/4 | 3,921.12 | 1/4 | 3,681.41 | 1/4 | 3,441.31 | 1/4 | 3,113.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,615.17 | 1/2 | 4,395.55 | 1/2 | 4,155.84 | 1/2 | 3,916.12 | 1/2 | 3,676.41 | 1/2 | 3,436.31 | 1/2 | 3,108.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,612.81 | 3/4 | 4,390.56 | 3/4 | 4,150.85 | 3/4 | 3,911.13 | 3/4 | 3,671.42 | 3/4 | 3,431.31 | 3/4 | 3,103.29 |
| 9   |       | 9   |       | 9   |       | 9   | 4,610.46 | 9   | 4,385.56 | 9   | 4,145.85 | 9   | 3,906.14 | 9   | 3,666.43 | 9   | 3,426.31 | 9   | 3,098.29 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,608.10 | 1/4 | 4,380.57 | 1/4 | 4,140.86 | 1/4 | 3,901.14 | 1/4 | 3,661.43 | 1/4 | 3,421.31 | 1/4 | 3,093.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,605.74 | 1/2 | 4,375.57 | 1/2 | 4,135.86 | 1/2 | 3,896.15 | 1/2 | 3,656.44 | 1/2 | 3,416.31 | 1/2 | 3,088.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,602.34 | 3/4 | 4,370.58 | 3/4 | 4,130.87 | 3/4 | 3,891.16 | 3/4 | 3,651.45 | 3/4 | 3,411.31 | 3/4 | 3,083.29 |
| 10  |       | 10  |       | 10  |       | 10  | 4,598.94 | 10  | 4,365.59 | 10  | 4,125.87 | 10  | 3,886.16 | 10  | 3,646.45 | 10  | 3,406.31 | 10  | 3,078.29 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,595.53 | 1/4 | 4,360.59 | 1/4 | 4,120.88 | 1/4 | 3,881.17 | 1/4 | 3,641.46 | 1/4 | 3,401.31 | 1/4 | 3,073.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,592.13 | 1/2 | 4,355.60 | 1/2 | 4,115.88 | 1/2 | 3,876.17 | 1/2 | 3,636.46 | 1/2 | 3,396.31 | 1/2 | 3,068.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,587.82 | 3/4 | 4,350.61 | 3/4 | 4,110.89 | 3/4 | 3,871.18 | 3/4 | 3,631.47 | 3/4 | 3,391.31 | 3/4 | 3,063.29 |
| 11  |       | 11  |       | 11  |       | 11  | 4,583.51 | 11  | 4,345.61 | 11  | 4,105.90 | 11  | 3,866.19 | 11  | 3,626.47 | 11  | 3,386.31 | 11  | 3,058.29 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,579.19 | 1/4 | 4,340.62 | 1/4 | 4,100.90 | 1/4 | 3,861.19 | 1/4 | 3,621.48 | 1/4 | 3,381.31 | 1/4 | 3,053.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,574.88 | 1/2 | 4,335.62 | 1/2 | 4,095.91 | 1/2 | 3,856.20 | 1/2 | 3,616.48 | 1/2 | 3,376.31 | 1/2 | 3,048.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,570.00 | 3/4 | 4,330.63 | 3/4 | 4,090.92 | 3/4 | 3,851.21 | 3/4 | 3,611.49 | 3/4 | 3,371.31 | 3/4 | 3,043.29 |
|     |       |     |       |     |       |     | 4,565.12 |     | 4,325.63 |     | 4,085.92 |     | 3,846.21 |     | 3,606.50 |     | 3,286.31 |     | 2,998.29 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 43'-08" 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 30075"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 17'-00 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   | 2,546.29 | 0   | 2,181.49 | 0   | 1,816.69 | 0   | 1,451.89 | 0   | 1,087.09 | 0   | 722.29 | 0   | 357.49 | 0   | 18.66  | 0   |        | 0   |        |
| 1/4 | 2,538.69 | 1/4 | 2,173.89 | 1/4 | 1,809.09 | 1/4 | 1,444.29 | 1/4 | 1,079.49 | 1/4 | 714.69 | 1/4 | 349.89 | 1/4 | 14.87  | 1/4 |        | 1/4 |        |
| 1/2 | 2,531.09 | 1/2 | 2,166.29 | 1/2 | 1,801.49 | 1/2 | 1,436.69 | 1/2 | 1,071.89 | 1/2 | 707.09 | 1/2 | 342.29 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,523.49 | 3/4 | 2,158.69 | 3/4 | 1,793.89 | 3/4 | 1,429.09 | 3/4 | 1,064.29 | 3/4 | 699.49 | 3/4 | 334.69 | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,515.89 | 1   | 2,151.09 | 1   | 1,786.29 | 1   | 1,421.49 | 1   | 1,056.69 | 1   | 691.89 | 1   | 327.09 | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,508.29 | 1/4 | 2,143.49 | 1/4 | 1,778.69 | 1/4 | 1,413.89 | 1/4 | 1,049.09 | 1/4 | 684.29 | 1/4 | 319.49 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,500.69 | 1/2 | 2,135.89 | 1/2 | 1,771.09 | 1/2 | 1,406.29 | 1/2 | 1,041.49 | 1/2 | 676.69 | 1/2 | 311.89 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,493.09 | 3/4 | 2,128.29 | 3/4 | 1,763.49 | 3/4 | 1,398.69 | 3/4 | 1,033.89 | 3/4 | 669.09 | 3/4 | 304.29 | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,485.49 | 2   | 2,120.69 | 2   | 1,755.89 | 2   | 1,391.09 | 2   | 1,026.29 | 2   | 661.49 | 2   | 296.69 | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,477.89 | 1/4 | 2,113.09 | 1/4 | 1,748.29 | 1/4 | 1,383.49 | 1/4 | 1,018.69 | 1/4 | 653.89 | 1/4 | 289.09 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,470.29 | 1/2 | 2,105.49 | 1/2 | 1,740.69 | 1/2 | 1,375.89 | 1/2 | 1,011.09 | 1/2 | 646.29 | 1/2 | 281.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,462.69 | 3/4 | 2,097.89 | 3/4 | 1,733.09 | 3/4 | 1,368.29 | 3/4 | 1,003.49 | 3/4 | 638.69 | 3/4 | 273.89 | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,455.09 | 3   | 2,090.29 | 3   | 1,725.49 | 3   | 1,360.69 | 3   | 995.89   | 3   | 631.09 | 3   | 266.29 | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,447.49 | 1/4 | 2,082.69 | 1/4 | 1,717.89 | 1/4 | 1,353.09 | 1/4 | 988.29   | 1/4 | 623.49 | 1/4 | 258.69 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,439.89 | 1/2 | 2,075.09 | 1/2 | 1,710.29 | 1/2 | 1,345.49 | 1/2 | 980.69   | 1/2 | 615.89 | 1/2 | 251.09 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,432.29 | 3/4 | 2,067.49 | 3/4 | 1,702.69 | 3/4 | 1,337.89 | 3/4 | 973.09   | 3/4 | 608.29 | 3/4 | 243.49 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,424.69 | 4   | 2,059.89 | 4   | 1,695.09 | 4   | 1,330.29 | 4   | 965.49   | 4   | 600.69 | 4   | 235.89 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,417.09 | 1/4 | 2,052.29 | 1/4 | 1,687.49 | 1/4 | 1,322.69 | 1/4 | 957.89   | 1/4 | 593.09 | 1/4 | 228.29 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,409.49 | 1/2 | 2,044.69 | 1/2 | 1,679.89 | 1/2 | 1,315.09 | 1/2 | 950.29   | 1/2 | 585.49 | 1/2 | 220.69 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,401.89 | 3/4 | 2,037.09 | 3/4 | 1,672.29 | 3/4 | 1,307.49 | 3/4 | 942.69   | 3/4 | 577.89 | 3/4 | 213.09 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,394.29 | 5   | 2,029.49 | 5   | 1,664.69 | 5   | 1,299.89 | 5   | 935.09   | 5   | 570.29 | 5   | 205.49 | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,386.69 | 1/4 | 2,021.89 | 1/4 | 1,657.09 | 1/4 | 1,292.29 | 1/4 | 927.49   | 1/4 | 562.69 | 1/4 | 197.89 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,379.09 | 1/2 | 2,014.29 | 1/2 | 1,649.49 | 1/2 | 1,284.69 | 1/2 | 919.89   | 1/2 | 555.09 | 1/2 | 190.29 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,371.49 | 3/4 | 2,006.69 | 3/4 | 1,641.89 | 3/4 | 1,277.09 | 3/4 | 912.29   | 3/4 | 547.49 | 3/4 | 182.69 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,363.89 | 6   | 1,999.09 | 6   | 1,634.29 | 6   | 1,269.49 | 6   | 904.69   | 6   | 539.89 | 6   | 175.09 | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,356.29 | 1/4 | 1,991.49 | 1/4 | 1,626.69 | 1/4 | 1,261.89 | 1/4 | 897.09   | 1/4 | 532.29 | 1/4 | 167.49 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,348.69 | 1/2 | 1,983.89 | 1/2 | 1,619.09 | 1/2 | 1,254.29 | 1/2 | 889.47   | 1/2 | 524.69 | 1/2 | 159.89 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,341.09 | 3/4 | 1,976.29 | 3/4 | 1,611.49 | 3/4 | 1,246.69 | 3/4 | 881.84   | 3/4 | 517.09 | 3/4 | 152.29 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,333.49 | 7   | 1,968.69 | 7   | 1,603.89 | 7   | 1,239.09 | 7   | 874.22   | 7   | 509.49 | 7   | 144.69 | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,325.89 | 1/4 | 1,961.09 | 1/4 | 1,596.29 | 1/4 | 1,231.49 | 1/4 | 866.59   | 1/4 | 501.89 | 1/4 | 137.09 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,318.29 | 1/2 | 1,953.49 | 1/2 | 1,588.69 | 1/2 | 1,223.89 | 1/2 | 859.02   | 1/2 | 494.29 | 1/2 | 129.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,310.69 | 3/4 | 1,945.89 | 3/4 | 1,581.09 | 3/4 | 1,216.29 | 3/4 | 851.44   | 3/4 | 486.69 | 3/4 | 121.89 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,303.09 | 8   | 1,938.29 | 8   | 1,573.49 | 8   | 1,208.69 | 8   | 843.87   | 8   | 479.09 | 8   | 114.29 | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,295.49 | 1/4 | 1,930.69 | 1/4 | 1,565.89 | 1/4 | 1,201.09 | 1/4 | 836.29   | 1/4 | 471.49 | 1/4 | 106.69 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,287.89 | 1/2 | 1,923.09 | 1/2 | 1,558.29 | 1/2 | 1,193.49 | 1/2 | 828.69   | 1/2 | 463.89 | 1/2 | 99.18  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,280.29 | 3/4 | 1,915.49 | 3/4 | 1,550.69 | 3/4 | 1,185.89 | 3/4 | 821.09   | 3/4 | 456.29 | 3/4 | 91.66  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,272.69 | 9   | 1,907.89 | 9   | 1,543.09 | 9   | 1,178.29 | 9   | 813.49   | 9   | 448.69 | 9   | 84.15  | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,265.09 | 1/4 | 1,900.29 | 1/4 | 1,535.49 | 1/4 | 1,170.69 | 1/4 | 805.89   | 1/4 | 441.09 | 1/4 | 76.63  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,257.49 | 1/2 | 1,892.69 | 1/2 | 1,527.89 | 1/2 | 1,163.09 | 1/2 | 798.29   | 1/2 | 433.49 | 1/2 | 70.16  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,249.89 | 3/4 | 1,885.09 | 3/4 | 1,520.29 | 3/4 | 1,155.49 | 3/4 | 790.69   | 3/4 | 425.89 | 3/4 | 63.69  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,242.29 | 10  | 1,877.49 | 10  | 1,512.69 | 10  | 1,147.89 | 10  | 783.09   | 10  | 418.29 | 10  | 57.21  | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,234.69 | 1/4 | 1,869.89 | 1/4 | 1,505.09 | 1/4 | 1,140.29 | 1/4 | 775.49   | 1/4 | 410.69 | 1/4 | 50.74  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,227.09 | 1/2 | 1,862.29 | 1/2 | 1,497.49 | 1/2 | 1,132.69 | 1/2 | 767.89   | 1/2 | 403.09 | 1/2 | 45.56  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,219.49 | 3/4 | 1,854.69 | 3/4 | 1,489.89 | 3/4 | 1,125.09 | 3/4 | 760.29   | 3/4 | 395.49 | 3/4 | 40.39  | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,211.89 | 11  | 1,847.09 | 11  | 1,482.29 | 11  | 1,117.49 | 11  | 752.69   | 11  | 387.89 | 11  | 35.21  | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,204.29 | 1/4 | 1,839.49 | 1/4 | 1,474.69 | 1/4 | 1,109.89 | 1/4 | 745.09   | 1/4 | 380.29 | 1/4 | 30.03  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,196.69 | 1/2 | 1,831.89 | 1/2 | 1,467.09 | 1/2 | 1,102.29 | 1/2 | 737.49   | 1/2 | 372.69 | 1/2 | 26.24  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,189.09 | 3/4 | 1,824.29 | 3/4 | 1,459.49 | 3/4 | 1,094.69 | 3/4 | 729.89   | 3/4 | 365.09 | 3/4 | 22.45  | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
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<http://www.pmacorp.net>



# BARGE "KIRBY 30075"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 16'-11 3/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |          | 0   | 4,550.37 | 0   | 4,310.65 | 0   | 4,070.94 | 0   | 3,831.23 | 0   | 3,591.49 | 0   | 3,260.69 | 0   | 2,895.89 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,545.37 | 1/4 | 4,305.66 | 1/4 | 4,065.95 | 1/4 | 3,826.23 | 1/4 | 3,586.47 | 1/4 | 3,253.09 | 1/4 | 2,888.29 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,540.38 | 1/2 | 4,300.66 | 1/2 | 4,060.95 | 1/2 | 3,821.24 | 1/2 | 3,581.44 | 1/2 | 3,245.49 | 1/2 | 2,880.69 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,535.38 | 3/4 | 4,295.67 | 3/4 | 4,055.96 | 3/4 | 3,816.24 | 3/4 | 3,576.42 | 3/4 | 3,237.89 | 3/4 | 2,873.09 |
| 1   |       | 1   |       | 1   |          | 1   | 4,530.39 | 1   | 4,290.68 | 1   | 4,050.97 | 1   | 3,811.25 | 1   | 3,571.05 | 1   | 3,230.29 | 1   | 2,865.49 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,525.39 | 1/4 | 4,285.68 | 1/4 | 4,045.97 | 1/4 | 3,806.26 | 1/4 | 3,565.68 | 1/4 | 3,222.69 | 1/4 | 2,857.89 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,520.40 | 1/2 | 4,280.69 | 1/2 | 4,040.98 | 1/2 | 3,801.26 | 1/2 | 3,560.31 | 1/2 | 3,215.09 | 1/2 | 2,850.29 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,515.40 | 3/4 | 4,275.69 | 3/4 | 4,035.98 | 3/4 | 3,796.27 | 3/4 | 3,554.94 | 3/4 | 3,207.49 | 3/4 | 2,842.69 |
| 2   |       | 2   |       | 2   |          | 2   | 4,510.41 | 2   | 4,270.70 | 2   | 4,030.99 | 2   | 3,791.28 | 2   | 3,549.12 | 2   | 3,199.89 | 2   | 2,835.09 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,505.42 | 1/4 | 4,265.71 | 1/4 | 4,025.99 | 1/4 | 3,786.28 | 1/4 | 3,543.31 | 1/4 | 3,192.29 | 1/4 | 2,827.49 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,500.42 | 1/2 | 4,260.71 | 1/2 | 4,021.00 | 1/2 | 3,781.29 | 1/2 | 3,537.49 | 1/2 | 3,184.69 | 1/2 | 2,819.89 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,495.43 | 3/4 | 4,255.72 | 3/4 | 4,016.00 | 3/4 | 3,776.29 | 3/4 | 3,531.67 | 3/4 | 3,177.09 | 3/4 | 2,812.29 |
| 3   |       | 3   |       | 3   |          | 3   | 4,490.33 | 3   | 4,250.73 | 3   | 4,011.01 | 3   | 3,771.30 | 3   | 3,525.38 | 3   | 3,170.49 | 3   | 2,804.69 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,485.24 | 1/4 | 4,245.73 | 1/4 | 4,006.02 | 1/4 | 3,766.31 | 1/4 | 3,519.09 | 1/4 | 3,161.89 | 1/4 | 2,797.09 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,480.14 | 1/2 | 4,240.74 | 1/2 | 4,001.02 | 1/2 | 3,761.31 | 1/2 | 3,512.79 | 1/2 | 3,154.29 | 1/2 | 2,789.49 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,475.05 | 3/4 | 4,235.74 | 3/4 | 3,996.03 | 3/4 | 3,756.32 | 3/4 | 3,506.50 | 3/4 | 3,146.69 | 3/4 | 2,781.89 |
| 4   |       | 4   |       | 4   |          | 4   | 4,470.15 | 4   | 4,230.75 | 4   | 3,991.04 | 4   | 3,751.33 | 4   | 3,499.73 | 4   | 3,139.09 | 4   | 2,774.29 |
| 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,465.26 | 1/4 | 4,225.75 | 1/4 | 3,986.04 | 1/4 | 3,746.33 | 1/4 | 3,492.97 | 1/4 | 3,131.49 | 1/4 | 2,766.69 |
| 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,460.37 | 1/2 | 4,220.76 | 1/2 | 3,981.05 | 1/2 | 3,741.34 | 1/2 | 3,486.20 | 1/2 | 3,123.89 | 1/2 | 2,759.09 |
| 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,455.48 | 3/4 | 4,215.76 | 3/4 | 3,976.05 | 3/4 | 3,736.34 | 3/4 | 3,479.43 | 3/4 | 3,116.29 | 3/4 | 2,751.49 |
| 5   |       | 5   |       | 5   |          | 5   | 4,450.49 | 5   | 4,210.77 | 5   | 3,971.06 | 5   | 3,731.35 | 5   | 3,472.19 | 5   | 3,108.69 | 5   | 2,743.89 |
| 1/4 |       | 1/4 |       | 1/4 | 4,625.17 | 1/4 | 4,445.49 | 1/4 | 4,205.78 | 1/4 | 3,966.07 | 1/4 | 3,726.35 | 1/4 | 3,464.94 | 1/4 | 3,101.09 | 1/4 | 2,736.29 |
| 1/2 |       | 1/2 |       | 1/2 | 4,625.07 | 1/2 | 4,440.50 | 1/2 | 4,200.78 | 1/2 | 3,961.07 | 1/2 | 3,721.36 | 1/2 | 3,457.70 | 1/2 | 3,093.49 | 1/2 | 2,728.69 |
| 3/4 |       | 3/4 |       | 3/4 | 4,624.96 | 3/4 | 4,435.50 | 3/4 | 4,195.79 | 3/4 | 3,956.08 | 3/4 | 3,716.36 | 3/4 | 3,450.45 | 3/4 | 3,085.89 | 3/4 | 2,721.09 |
| 6   |       | 6   |       | 6   | 4,624.23 | 6   | 4,430.51 | 6   | 4,190.80 | 6   | 3,951.09 | 6   | 3,711.37 | 6   | 3,442.91 | 6   | 3,078.29 | 6   | 2,713.49 |
| 1/4 |       | 1/4 |       | 1/4 | 4,623.50 | 1/4 | 4,425.51 | 1/4 | 4,185.80 | 1/4 | 3,946.09 | 1/4 | 3,706.38 | 1/4 | 3,435.37 | 1/4 | 3,070.69 | 1/4 | 2,705.89 |
| 1/2 |       | 1/2 |       | 1/2 | 4,622.77 | 1/2 | 4,420.52 | 1/2 | 4,180.81 | 1/2 | 3,941.10 | 1/2 | 3,701.38 | 1/2 | 3,427.83 | 1/2 | 3,063.09 | 1/2 | 2,698.29 |
| 3/4 |       | 3/4 |       | 3/4 | 4,622.04 | 3/4 | 4,415.52 | 3/4 | 4,175.81 | 3/4 | 3,936.10 | 3/4 | 3,696.39 | 3/4 | 3,420.29 | 3/4 | 3,055.49 | 3/4 | 2,690.69 |
| 7   |       | 7   |       | 7   | 4,620.32 | 7   | 4,410.53 | 7   | 4,170.82 | 7   | 3,931.11 | 7   | 3,691.40 | 7   | 3,412.69 | 7   | 3,047.89 | 7   | 2,683.09 |
| 1/4 |       | 1/4 |       | 1/4 | 4,618.61 | 1/4 | 4,405.54 | 1/4 | 4,165.83 | 1/4 | 3,926.11 | 1/4 | 3,686.40 | 1/4 | 3,405.09 | 1/4 | 3,040.29 | 1/4 | 2,675.49 |
| 1/2 |       | 1/2 |       | 1/2 | 4,616.89 | 1/2 | 4,400.54 | 1/2 | 4,160.83 | 1/2 | 3,921.12 | 1/2 | 3,681.41 | 1/2 | 3,397.49 | 1/2 | 3,032.69 | 1/2 | 2,667.89 |
| 3/4 |       | 3/4 |       | 3/4 | 4,615.17 | 3/4 | 4,395.55 | 3/4 | 4,155.84 | 3/4 | 3,916.12 | 3/4 | 3,676.41 | 3/4 | 3,389.89 | 3/4 | 3,025.09 | 3/4 | 2,660.29 |
| 8   |       | 8   |       | 8   | 4,612.81 | 8   | 4,390.56 | 8   | 4,150.85 | 8   | 3,911.13 | 8   | 3,671.42 | 8   | 3,382.29 | 8   | 3,017.49 | 8   | 2,652.69 |
| 1/4 |       | 1/4 |       | 1/4 | 4,610.46 | 1/4 | 4,385.56 | 1/4 | 4,145.85 | 1/4 | 3,906.14 | 1/4 | 3,666.43 | 1/4 | 3,374.69 | 1/4 | 3,009.89 | 1/4 | 2,645.09 |
| 1/2 |       | 1/2 |       | 1/2 | 4,608.10 | 1/2 | 4,380.57 | 1/2 | 4,140.86 | 1/2 | 3,901.14 | 1/2 | 3,661.43 | 1/2 | 3,367.09 | 1/2 | 3,002.29 | 1/2 | 2,637.49 |
| 3/4 |       | 3/4 |       | 3/4 | 4,605.74 | 3/4 | 4,375.57 | 3/4 | 4,135.86 | 3/4 | 3,896.15 | 3/4 | 3,656.44 | 3/4 | 3,359.49 | 3/4 | 2,994.69 | 3/4 | 2,629.89 |
| 9   |       | 9   |       | 9   | 4,602.34 | 9   | 4,370.58 | 9   | 4,130.87 | 9   | 3,891.16 | 9   | 3,651.45 | 9   | 3,351.89 | 9   | 2,987.09 | 9   | 2,622.29 |
| 1/4 |       | 1/4 |       | 1/4 | 4,598.94 | 1/4 | 4,365.59 | 1/4 | 4,125.87 | 1/4 | 3,886.16 | 1/4 | 3,646.45 | 1/4 | 3,344.29 | 1/4 | 2,979.49 | 1/4 | 2,614.69 |
| 1/2 |       | 1/2 |       | 1/2 | 4,595.53 | 1/2 | 4,360.59 | 1/2 | 4,120.88 | 1/2 | 3,881.17 | 1/2 | 3,641.46 | 1/2 | 3,336.69 | 1/2 | 2,971.89 | 1/2 | 2,607.09 |
| 3/4 |       | 3/4 |       | 3/4 | 4,592.13 | 3/4 | 4,355.60 | 3/4 | 4,115.88 | 3/4 | 3,876.17 | 3/4 | 3,636.46 | 3/4 | 3,329.09 | 3/4 | 2,964.29 | 3/4 | 2,599.49 |
| 10  |       | 10  |       | 10  | 4,587.82 | 10  | 4,350.61 | 10  | 4,110.89 | 10  | 3,871.18 | 10  | 3,631.47 | 10  | 3,321.54 | 10  | 2,956.69 | 10  | 2,591.89 |
| 1/4 |       | 1/4 |       | 1/4 | 4,583.51 | 1/4 | 4,345.61 | 1/4 | 4,105.90 | 1/4 | 3,866.19 | 1/4 | 3,626.47 | 1/4 | 3,313.99 | 1/4 | 2,949.09 | 1/4 | 2,584.29 |
| 1/2 |       | 1/2 |       | 1/2 | 4,579.19 | 1/2 | 4,340.62 | 1/2 | 4,100.90 | 1/2 | 3,861.19 | 1/2 | 3,621.48 | 1/2 | 3,306.44 | 1/2 | 2,941.49 | 1/2 | 2,576.69 |
| 3/4 |       | 3/4 |       | 3/4 | 4,574.88 | 3/4 | 4,335.62 | 3/4 | 4,095.91 | 3/4 | 3,856.20 | 3/4 | 3,616.48 | 3/4 | 3,298.89 | 3/4 | 2,933.89 | 3/4 | 2,569.09 |
| 11  |       | 11  |       | 11  | 4,570.00 | 11  | 4,330.63 | 11  | 4,090.92 | 11  | 3,851.21 | 11  | 3,611.49 | 11  | 3,291.24 | 11  | 2,926.29 | 11  | 2,561.49 |
| 1/4 |       | 1/4 |       | 1/4 | 4,565.12 | 1/4 | 4,325.63 | 1/4 | 4,085.92 | 1/4 | 3,846.21 | 1/4 | 3,606.50 | 1/4 | 3,283.59 | 1/4 | 2,918.69 | 1/4 | 2,553.89 |
| 1/2 |       | 1/2 |       | 1/2 | 4,560.24 | 1/2 | 4,320.64 | 1/2 | 4,080.93 | 1/2 | 3,841.22 | 1/2 | 3,601.50 | 1/2 | 3,275.94 | 1/2 | 2,911.09 | 1/2 | 2,546.29 |
| 3/4 |       | 3/4 |       | 3/4 | 4,555.36 | 3/4 | 4,315.64 | 3/4 | 4,075.93 | 3/4 | 3,836.22 | 3/4 | 3,596.51 | 3/4 | 3,268.29 | 3/4 | 2,903.49 | 3/4 | 2,538.69 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 43'-08" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 30075"

3 STBD

ULLAGE TABLE  
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 16'-11 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   | 2,531.09 | 0   | 2,166.29 | 0   | 1,801.49 | 0   | 1,436.69 | 0   | 1,071.89 | 0   | 707.09 | 0   | 342.29 | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,523.49 | 1/4 | 2,158.69 | 1/4 | 1,793.89 | 1/4 | 1,429.09 | 1/4 | 1,064.29 | 1/4 | 699.49 | 1/4 | 334.69 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,515.89 | 1/2 | 2,151.09 | 1/2 | 1,786.29 | 1/2 | 1,421.49 | 1/2 | 1,056.69 | 1/2 | 691.89 | 1/2 | 327.09 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,508.29 | 3/4 | 2,143.49 | 3/4 | 1,778.69 | 3/4 | 1,413.89 | 3/4 | 1,049.09 | 3/4 | 684.29 | 3/4 | 319.49 | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,500.69 | 1   | 2,135.89 | 1   | 1,771.09 | 1   | 1,406.29 | 1   | 1,041.49 | 1   | 676.69 | 1   | 311.89 | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,493.09 | 1/4 | 2,128.29 | 1/4 | 1,763.49 | 1/4 | 1,398.69 | 1/4 | 1,033.89 | 1/4 | 669.09 | 1/4 | 304.29 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,485.49 | 1/2 | 2,120.69 | 1/2 | 1,755.89 | 1/2 | 1,391.09 | 1/2 | 1,026.29 | 1/2 | 661.49 | 1/2 | 296.69 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,477.89 | 3/4 | 2,113.09 | 3/4 | 1,748.29 | 3/4 | 1,383.49 | 3/4 | 1,018.69 | 3/4 | 653.89 | 3/4 | 289.09 | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,470.29 | 2   | 2,105.49 | 2   | 1,740.69 | 2   | 1,375.89 | 2   | 1,011.09 | 2   | 646.29 | 2   | 281.49 | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,462.69 | 1/4 | 2,097.89 | 1/4 | 1,733.09 | 1/4 | 1,368.29 | 1/4 | 1,003.49 | 1/4 | 638.69 | 1/4 | 273.89 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,455.09 | 1/2 | 2,090.29 | 1/2 | 1,725.49 | 1/2 | 1,360.69 | 1/2 | 995.89   | 1/2 | 631.09 | 1/2 | 266.29 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,447.49 | 3/4 | 2,082.69 | 3/4 | 1,717.89 | 3/4 | 1,353.09 | 3/4 | 988.29   | 3/4 | 623.49 | 3/4 | 258.69 | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,439.89 | 3   | 2,075.09 | 3   | 1,710.29 | 3   | 1,345.49 | 3   | 980.69   | 3   | 615.89 | 3   | 251.09 | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,432.29 | 1/4 | 2,067.49 | 1/4 | 1,702.69 | 1/4 | 1,337.89 | 1/4 | 973.09   | 1/4 | 608.29 | 1/4 | 243.49 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,424.69 | 1/2 | 2,059.89 | 1/2 | 1,695.09 | 1/2 | 1,330.29 | 1/2 | 965.49   | 1/2 | 600.69 | 1/2 | 235.89 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,417.09 | 3/4 | 2,052.29 | 3/4 | 1,687.49 | 3/4 | 1,322.69 | 3/4 | 957.89   | 3/4 | 593.09 | 3/4 | 228.29 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,409.49 | 4   | 2,044.69 | 4   | 1,679.89 | 4   | 1,315.09 | 4   | 950.29   | 4   | 585.49 | 4   | 220.69 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,401.89 | 1/4 | 2,037.09 | 1/4 | 1,672.29 | 1/4 | 1,307.49 | 1/4 | 942.69   | 1/4 | 577.89 | 1/4 | 213.09 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,394.29 | 1/2 | 2,029.49 | 1/2 | 1,664.69 | 1/2 | 1,299.89 | 1/2 | 935.09   | 1/2 | 570.29 | 1/2 | 205.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,386.69 | 3/4 | 2,021.89 | 3/4 | 1,657.09 | 3/4 | 1,292.29 | 3/4 | 927.49   | 3/4 | 562.69 | 3/4 | 197.89 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,379.09 | 5   | 2,014.29 | 5   | 1,649.49 | 5   | 1,284.69 | 5   | 919.89   | 5   | 555.09 | 5   | 190.29 | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,371.49 | 1/4 | 2,006.69 | 1/4 | 1,641.89 | 1/4 | 1,277.09 | 1/4 | 912.29   | 1/4 | 547.49 | 1/4 | 182.69 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,363.89 | 1/2 | 1,999.09 | 1/2 | 1,634.29 | 1/2 | 1,269.49 | 1/2 | 904.69   | 1/2 | 539.89 | 1/2 | 175.09 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,356.29 | 3/4 | 1,991.49 | 3/4 | 1,626.69 | 3/4 | 1,261.89 | 3/4 | 897.09   | 3/4 | 532.29 | 3/4 | 167.49 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,348.69 | 6   | 1,983.89 | 6   | 1,619.09 | 6   | 1,254.29 | 6   | 889.47   | 6   | 524.69 | 6   | 159.89 | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,341.09 | 1/4 | 1,976.29 | 1/4 | 1,611.49 | 1/4 | 1,246.69 | 1/4 | 881.84   | 1/4 | 517.09 | 1/4 | 152.29 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,333.49 | 1/2 | 1,968.69 | 1/2 | 1,603.89 | 1/2 | 1,239.09 | 1/2 | 874.22   | 1/2 | 509.49 | 1/2 | 144.69 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,325.89 | 3/4 | 1,961.09 | 3/4 | 1,596.29 | 3/4 | 1,231.49 | 3/4 | 866.59   | 3/4 | 501.89 | 3/4 | 137.09 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,318.29 | 7   | 1,953.49 | 7   | 1,588.69 | 7   | 1,223.89 | 7   | 859.02   | 7   | 494.29 | 7   | 129.49 | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,310.69 | 1/4 | 1,945.89 | 1/4 | 1,581.09 | 1/4 | 1,216.29 | 1/4 | 851.44   | 1/4 | 486.69 | 1/4 | 121.89 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,303.09 | 1/2 | 1,938.29 | 1/2 | 1,573.49 | 1/2 | 1,208.69 | 1/2 | 843.87   | 1/2 | 479.09 | 1/2 | 114.29 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,295.49 | 3/4 | 1,930.69 | 3/4 | 1,565.89 | 3/4 | 1,201.09 | 3/4 | 836.29   | 3/4 | 471.49 | 3/4 | 106.69 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,287.89 | 8   | 1,923.09 | 8   | 1,558.29 | 8   | 1,193.49 | 8   | 828.69   | 8   | 463.89 | 8   | 99.18  | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,280.29 | 1/4 | 1,915.49 | 1/4 | 1,550.69 | 1/4 | 1,185.89 | 1/4 | 821.09   | 1/4 | 456.29 | 1/4 | 91.66  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,272.69 | 1/2 | 1,907.89 | 1/2 | 1,543.09 | 1/2 | 1,178.29 | 1/2 | 813.49   | 1/2 | 448.69 | 1/2 | 84.15  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,265.09 | 3/4 | 1,900.29 | 3/4 | 1,535.49 | 3/4 | 1,170.69 | 3/4 | 805.89   | 3/4 | 441.09 | 3/4 | 76.63  | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,257.49 | 9   | 1,892.69 | 9   | 1,527.89 | 9   | 1,163.09 | 9   | 798.29   | 9   | 433.49 | 9   | 70.16  | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,249.89 | 1/4 | 1,885.09 | 1/4 | 1,520.29 | 1/4 | 1,155.49 | 1/4 | 790.69   | 1/4 | 425.89 | 1/4 | 63.69  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,242.29 | 1/2 | 1,877.49 | 1/2 | 1,512.69 | 1/2 | 1,147.89 | 1/2 | 783.09   | 1/2 | 418.29 | 1/2 | 57.21  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,234.69 | 3/4 | 1,869.89 | 3/4 | 1,505.09 | 3/4 | 1,140.29 | 3/4 | 775.49   | 3/4 | 410.69 | 3/4 | 50.74  | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,227.09 | 10  | 1,862.29 | 10  | 1,497.49 | 10  | 1,132.69 | 10  | 767.89   | 10  | 403.09 | 10  | 45.56  | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,219.49 | 1/4 | 1,854.69 | 1/4 | 1,489.89 | 1/4 | 1,125.09 | 1/4 | 760.29   | 1/4 | 395.49 | 1/4 | 40.39  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,211.89 | 1/2 | 1,847.09 | 1/2 | 1,482.29 | 1/2 | 1,117.49 | 1/2 | 752.69   | 1/2 | 387.89 | 1/2 | 35.21  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,204.29 | 3/4 | 1,839.49 | 3/4 | 1,474.69 | 3/4 | 1,109.89 | 3/4 | 745.09   | 3/4 | 380.29 | 3/4 | 30.03  | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,196.69 | 11  | 1,831.89 | 11  | 1,467.09 | 11  | 1,102.29 | 11  | 737.49   | 11  | 372.69 | 11  | 26.24  | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,189.09 | 1/4 | 1,824.29 | 1/4 | 1,459.49 | 1/4 | 1,094.69 | 1/4 | 729.89   | 1/4 | 365.09 | 1/4 | 22.45  | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,181.49 | 1/2 | 1,816.69 | 1/2 | 1,451.89 | 1/2 | 1,087.09 | 1/2 | 722.29   | 1/2 | 357.49 | 1/2 | 18.66  | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,173.89 | 3/4 | 1,809.09 | 3/4 | 1,444.29 | 3/4 | 1,079.49 | 3/4 | 714.69   | 3/4 | 349.89 | 3/4 | 14.87  | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2002 INS  
RECALCULATED: 09/26/2022 CL  
REPRINTED: 09/26/2022 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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



# BARGE "KIRBY 30075"

# PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 5'-07 1/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT. | IN  | 5 FT. | IN  | 6 FT. | IN  | 7 FT. | IN  | 8 FT. | IN  | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 0   | 0     | 0   | 984   | 0   | 1,967 | 0   | 2,951 | 0   | 3,935 | 0   |       | 0   | 6 FT. | 0   | 7 FT. | 0   | 8 FT. | 0   | 9 FT. |
| 1/4 | 20    | 1/4 | 1,004 | 1/4 | 1,988 | 1/4 | 2,972 | 1/4 | 3,955 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 41    | 1/2 | 1,025 | 1/2 | 2,008 | 1/2 | 2,992 | 1/2 | 3,976 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 61    | 3/4 | 1,045 | 3/4 | 2,029 | 3/4 | 3,013 | 3/4 | 3,996 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 1   | 82    | 1   | 1,066 | 1   | 2,049 | 1   | 3,033 | 1   | 4,017 | 1   |       | 1   | 6 FT. | 1   | 7 FT. | 1   | 8 FT. | 1   | 9 FT. |
| 1/4 | 102   | 1/4 | 1,086 | 1/4 | 2,070 | 1/4 | 3,054 | 1/4 | 4,037 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 123   | 1/2 | 1,107 | 1/2 | 2,090 | 1/2 | 3,074 | 1/2 | 4,058 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 143   | 3/4 | 1,127 | 3/4 | 2,111 | 3/4 | 3,095 | 3/4 | 4,078 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 2   | 164   | 2   | 1,148 | 2   | 2,131 | 2   | 3,115 | 2   | 4,099 | 2   |       | 2   | 6 FT. | 2   | 7 FT. | 2   | 8 FT. | 2   | 9 FT. |
| 1/4 | 184   | 1/4 | 1,168 | 1/4 | 2,152 | 1/4 | 3,135 | 1/4 | 4,119 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 205   | 1/2 | 1,189 | 1/2 | 2,172 | 1/2 | 3,156 | 1/2 | 4,140 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 225   | 3/4 | 1,209 | 3/4 | 2,193 | 3/4 | 3,176 | 3/4 | 4,160 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 3   | 246   | 3   | 1,230 | 3   | 2,213 | 3   | 3,197 | 3   | 4,181 | 3   |       | 3   | 6 FT. | 3   | 7 FT. | 3   | 8 FT. | 3   | 9 FT. |
| 1/4 | 266   | 1/4 | 1,250 | 1/4 | 2,234 | 1/4 | 3,217 | 1/4 | 4,201 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 287   | 1/2 | 1,271 | 1/2 | 2,254 | 1/2 | 3,238 | 1/2 | 4,222 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 307   | 3/4 | 1,291 | 3/4 | 2,275 | 3/4 | 3,258 | 3/4 | 4,242 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 4   | 328   | 4   | 1,312 | 4   | 2,295 | 4   | 3,279 | 4   | 4,263 | 4   |       | 4   | 6 FT. | 4   | 7 FT. | 4   | 8 FT. | 4   | 9 FT. |
| 1/4 | 348   | 1/4 | 1,332 | 1/4 | 2,316 | 1/4 | 3,299 | 1/4 | 4,283 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 369   | 1/2 | 1,353 | 1/2 | 2,336 | 1/2 | 3,320 | 1/2 | 4,304 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 389   | 3/4 | 1,373 | 3/4 | 2,357 | 3/4 | 3,340 | 3/4 | 4,324 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 5   | 410   | 5   | 1,394 | 5   | 2,377 | 5   | 3,361 | 5   | 4,345 | 5   |       | 5   | 6 FT. | 5   | 7 FT. | 5   | 8 FT. | 5   | 9 FT. |
| 1/4 | 430   | 1/4 | 1,414 | 1/4 | 2,398 | 1/4 | 3,381 | 1/4 | 4,365 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 451   | 1/2 | 1,435 | 1/2 | 2,418 | 1/2 | 3,402 | 1/2 | 4,386 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 471   | 3/4 | 1,455 | 3/4 | 2,439 | 3/4 | 3,422 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 6   | 492   | 6   | 1,476 | 6   | 2,459 | 6   | 3,443 | 6   |       | 6   |       | 6   | 6 FT. | 6   | 7 FT. | 6   | 8 FT. | 6   | 9 FT. |
| 1/4 | 512   | 1/4 | 1,496 | 1/4 | 2,480 | 1/4 | 3,463 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 533   | 1/2 | 1,517 | 1/2 | 2,500 | 1/2 | 3,484 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 553   | 3/4 | 1,537 | 3/4 | 2,521 | 3/4 | 3,504 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 7   | 574   | 7   | 1,557 | 7   | 2,541 | 7   | 3,525 | 7   |       | 7   |       | 7   | 6 FT. | 7   | 7 FT. | 7   | 8 FT. | 7   | 9 FT. |
| 1/4 | 594   | 1/4 | 1,578 | 1/4 | 2,562 | 1/4 | 3,545 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 615   | 1/2 | 1,598 | 1/2 | 2,582 | 1/2 | 3,566 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 635   | 3/4 | 1,619 | 3/4 | 2,603 | 3/4 | 3,586 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 8   | 656   | 8   | 1,639 | 8   | 2,623 | 8   | 3,607 | 8   |       | 8   |       | 8   | 6 FT. | 8   | 7 FT. | 8   | 8 FT. | 8   | 9 FT. |
| 1/4 | 676   | 1/4 | 1,660 | 1/4 | 2,644 | 1/4 | 3,627 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 697   | 1/2 | 1,680 | 1/2 | 2,664 | 1/2 | 3,648 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 717   | 3/4 | 1,701 | 3/4 | 2,685 | 3/4 | 3,668 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 9   | 738   | 9   | 1,721 | 9   | 2,705 | 9   | 3,689 | 9   |       | 9   |       | 9   | 6 FT. | 9   | 7 FT. | 9   | 8 FT. | 9   | 9 FT. |
| 1/4 | 758   | 1/4 | 1,742 | 1/4 | 2,726 | 1/4 | 3,709 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 779   | 1/2 | 1,762 | 1/2 | 2,746 | 1/2 | 3,730 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 799   | 3/4 | 1,783 | 3/4 | 2,767 | 3/4 | 3,750 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 10  | 820   | 10  | 1,803 | 10  | 2,787 | 10  | 3,771 | 10  |       | 10  |       | 10  | 6 FT. | 10  | 7 FT. | 10  | 8 FT. | 10  | 9 FT. |
| 1/4 | 840   | 1/4 | 1,824 | 1/4 | 2,808 | 1/4 | 3,791 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 861   | 1/2 | 1,844 | 1/2 | 2,828 | 1/2 | 3,812 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 881   | 3/4 | 1,865 | 3/4 | 2,849 | 3/4 | 3,832 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 11  | 902   | 11  | 1,885 | 11  | 2,869 | 11  | 3,853 | 11  |       | 11  |       | 11  | 6 FT. | 11  | 7 FT. | 11  | 8 FT. | 11  | 9 FT. |
| 1/4 | 922   | 1/4 | 1,906 | 1/4 | 2,890 | 1/4 | 3,873 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 943   | 1/2 | 1,926 | 1/2 | 2,910 | 1/2 | 3,894 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 963   | 3/4 | 1,947 | 3/4 | 2,931 | 3/4 | 3,914 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

STRAPPED: 09/26/2022 JS  
CALCULATED: 09/26/2022 PMA  
PRINTED: 09/26/2022 PMA

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2022

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 30075"

# STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 5'-07 1/4"

| 0 FT. |     | 1 FT. |       | 2 FT. |       | 3 FT. |       | 4 FT. |       | 5 FT. |  | 6 FT. |  | 7 FT. |  | 8 FT. |  | 9 FT. |  |
|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|-------|--|-------|--|-------|--|-------|--|
| IN    |     | IN    |       | IN    |       | IN    |       | IN    |       | IN    |  | IN    |  | IN    |  | IN    |  | IN    |  |
| 0     | 0   | 0     | 985   | 0     | 1,969 | 0     | 2,954 | 0     | 3,939 | 0     |  | 0     |  | 0     |  | 0     |  | 0     |  |
| 1/4   | 21  | 1/4   | 1,005 | 1/4   | 1,990 | 1/4   | 2,975 | 1/4   | 3,959 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 41  | 1/2   | 1,026 | 1/2   | 2,010 | 1/2   | 2,995 | 1/2   | 3,980 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 62  | 3/4   | 1,046 | 3/4   | 2,031 | 3/4   | 3,016 | 3/4   | 4,000 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 1     | 82  | 1     | 1,067 | 1     | 2,052 | 1     | 3,036 | 1     | 4,021 | 1     |  | 1     |  | 1     |  | 1     |  | 1     |  |
| 1/4   | 103 | 1/4   | 1,087 | 1/4   | 2,072 | 1/4   | 3,057 | 1/4   | 4,041 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 123 | 1/2   | 1,108 | 1/2   | 2,093 | 1/2   | 3,077 | 1/2   | 4,062 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 144 | 3/4   | 1,128 | 3/4   | 2,113 | 3/4   | 3,098 | 3/4   | 4,083 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 2     | 164 | 2     | 1,149 | 2     | 2,134 | 2     | 3,118 | 2     | 4,103 | 2     |  | 2     |  | 2     |  | 2     |  | 2     |  |
| 1/4   | 185 | 1/4   | 1,169 | 1/4   | 2,154 | 1/4   | 3,139 | 1/4   | 4,124 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 205 | 1/2   | 1,190 | 1/2   | 2,175 | 1/2   | 3,159 | 1/2   | 4,144 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 226 | 3/4   | 1,210 | 3/4   | 2,195 | 3/4   | 3,180 | 3/4   | 4,165 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 3     | 246 | 3     | 1,231 | 3     | 2,216 | 3     | 3,200 | 3     | 4,185 | 3     |  | 3     |  | 3     |  | 3     |  | 3     |  |
| 1/4   | 267 | 1/4   | 1,251 | 1/4   | 2,236 | 1/4   | 3,221 | 1/4   | 4,206 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 287 | 1/2   | 1,272 | 1/2   | 2,257 | 1/2   | 3,241 | 1/2   | 4,226 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 308 | 3/4   | 1,292 | 3/4   | 2,277 | 3/4   | 3,262 | 3/4   | 4,247 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 4     | 328 | 4     | 1,313 | 4     | 2,298 | 4     | 3,282 | 4     | 4,267 | 4     |  | 4     |  | 4     |  | 4     |  | 4     |  |
| 1/4   | 349 | 1/4   | 1,333 | 1/4   | 2,318 | 1/4   | 3,303 | 1/4   | 4,288 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 369 | 1/2   | 1,354 | 1/2   | 2,339 | 1/2   | 3,323 | 1/2   | 4,308 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 390 | 3/4   | 1,375 | 3/4   | 2,359 | 3/4   | 3,344 | 3/4   | 4,329 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 5     | 410 | 5     | 1,395 | 5     | 2,380 | 5     | 3,364 | 5     | 4,349 | 5     |  | 5     |  | 5     |  | 5     |  | 5     |  |
| 1/4   | 431 | 1/4   | 1,416 | 1/4   | 2,400 | 1/4   | 3,385 | 1/4   | 4,370 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 451 | 1/2   | 1,436 | 1/2   | 2,421 | 1/2   | 3,406 | 1/2   | 4,390 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 472 | 3/4   | 1,457 | 3/4   | 2,441 | 3/4   | 3,426 | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 6     | 492 | 6     | 1,477 | 6     | 2,462 | 6     | 3,447 | 6     |       | 6     |  | 6     |  | 6     |  | 6     |  | 6     |  |
| 1/4   | 513 | 1/4   | 1,498 | 1/4   | 2,482 | 1/4   | 3,467 | 1/4   |       | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 533 | 1/2   | 1,518 | 1/2   | 2,503 | 1/2   | 3,488 | 1/2   |       | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 554 | 3/4   | 1,539 | 3/4   | 2,523 | 3/4   | 3,508 | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 7     | 574 | 7     | 1,559 | 7     | 2,544 | 7     | 3,529 | 7     |       | 7     |  | 7     |  | 7     |  | 7     |  | 7     |  |
| 1/4   | 595 | 1/4   | 1,580 | 1/4   | 2,564 | 1/4   | 3,549 | 1/4   |       | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 615 | 1/2   | 1,600 | 1/2   | 2,585 | 1/2   | 3,570 | 1/2   |       | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 636 | 3/4   | 1,621 | 3/4   | 2,605 | 3/4   | 3,590 | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 8     | 656 | 8     | 1,641 | 8     | 2,626 | 8     | 3,611 | 8     |       | 8     |  | 8     |  | 8     |  | 8     |  | 8     |  |
| 1/4   | 677 | 1/4   | 1,662 | 1/4   | 2,646 | 1/4   | 3,631 | 1/4   |       | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 698 | 1/2   | 1,682 | 1/2   | 2,667 | 1/2   | 3,652 | 1/2   |       | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 718 | 3/4   | 1,703 | 3/4   | 2,687 | 3/4   | 3,672 | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 9     | 739 | 9     | 1,723 | 9     | 2,708 | 9     | 3,693 | 9     |       | 9     |  | 9     |  | 9     |  | 9     |  | 9     |  |
| 1/4   | 759 | 1/4   | 1,744 | 1/4   | 2,729 | 1/4   | 3,713 | 1/4   |       | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 780 | 1/2   | 1,764 | 1/2   | 2,749 | 1/2   | 3,734 | 1/2   |       | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 800 | 3/4   | 1,785 | 3/4   | 2,770 | 3/4   | 3,754 | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 10    | 821 | 10    | 1,805 | 10    | 2,790 | 10    | 3,775 | 10    |       | 10    |  | 10    |  | 10    |  | 10    |  | 10    |  |
| 1/4   | 841 | 1/4   | 1,826 | 1/4   | 2,811 | 1/4   | 3,795 | 1/4   |       | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 862 | 1/2   | 1,846 | 1/2   | 2,831 | 1/2   | 3,816 | 1/2   |       | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 882 | 3/4   | 1,867 | 3/4   | 2,852 | 3/4   | 3,836 | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |
| 11    | 903 | 11    | 1,887 | 11    | 2,872 | 11    | 3,857 | 11    |       | 11    |  | 11    |  | 11    |  | 11    |  | 11    |  |
| 1/4   | 923 | 1/4   | 1,908 | 1/4   | 2,893 | 1/4   | 3,877 | 1/4   |       | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  |
| 1/2   | 944 | 1/2   | 1,928 | 1/2   | 2,913 | 1/2   | 3,898 | 1/2   |       | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  |
| 3/4   | 964 | 3/4   | 1,949 | 3/4   | 2,934 | 3/4   | 3,918 | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

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CANCELS AND SUPERCEDES  
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PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "KIRBY 30075"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "WTC 3006"

GAUGE HEIGHT 5'-05 3/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT. | IN  | 5 FT. | IN  | 6 FT. | IN  | 7 FT. | IN  | 8 FT. | IN  | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 0   | 0     | 0   | 393   | 0   | 785   | 0   | 1,178 | 0   | 1,571 | 0   |       | 0   | 6 FT. | 0   | 7 FT. | 0   | 8 FT. | 0   | 9 FT. |
| 1/4 | 8     | 1/4 | 401   | 1/4 | 794   | 1/4 | 1,186 | 1/4 | 1,579 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 16    | 1/2 | 409   | 1/2 | 802   | 1/2 | 1,195 | 1/2 | 1,587 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 25    | 3/4 | 417   | 3/4 | 810   | 3/4 | 1,203 | 3/4 | 1,596 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 1   | 33    | 1   | 425   | 1   | 818   | 1   | 1,211 | 1   | 1,604 | 1   |       | 1   | 6 FT. | 1   | 7 FT. | 1   | 8 FT. | 1   | 9 FT. |
| 1/4 | 41    | 1/4 | 434   | 1/4 | 826   | 1/4 | 1,219 | 1/4 | 1,612 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 49    | 1/2 | 442   | 1/2 | 835   | 1/2 | 1,227 | 1/2 | 1,620 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 57    | 3/4 | 450   | 3/4 | 843   | 3/4 | 1,235 | 3/4 | 1,628 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 2   | 65    | 2   | 458   | 2   | 851   | 2   | 1,244 | 2   | 1,636 | 2   |       | 2   | 6 FT. | 2   | 7 FT. | 2   | 8 FT. | 2   | 9 FT. |
| 1/4 | 74    | 1/4 | 466   | 1/4 | 859   | 1/4 | 1,252 | 1/4 | 1,645 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 82    | 1/2 | 475   | 1/2 | 867   | 1/2 | 1,260 | 1/2 | 1,653 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 90    | 3/4 | 483   | 3/4 | 875   | 3/4 | 1,268 | 3/4 | 1,661 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 3   | 98    | 3   | 491   | 3   | 884   | 3   | 1,276 | 3   | 1,669 | 3   |       | 3   | 6 FT. | 3   | 7 FT. | 3   | 8 FT. | 3   | 9 FT. |
| 1/4 | 106   | 1/4 | 499   | 1/4 | 892   | 1/4 | 1,285 | 1/4 | 1,677 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 115   | 1/2 | 507   | 1/2 | 900   | 1/2 | 1,293 | 1/2 | 1,686 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 123   | 3/4 | 515   | 3/4 | 908   | 3/4 | 1,301 | 3/4 | 1,694 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 4   | 131   | 4   | 524   | 4   | 916   | 4   | 1,309 | 4   | 1,702 | 4   |       | 4   | 6 FT. | 4   | 7 FT. | 4   | 8 FT. | 4   | 9 FT. |
| 1/4 | 139   | 1/4 | 532   | 1/4 | 925   | 1/4 | 1,317 | 1/4 | 1,710 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 147   | 1/2 | 540   | 1/2 | 933   | 1/2 | 1,326 | 1/2 | 1,718 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 155   | 3/4 | 548   | 3/4 | 941   | 3/4 | 1,334 | 3/4 | 1,726 | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 5   | 164   | 5   | 556   | 5   | 949   | 5   | 1,342 | 5   | 1,735 | 5   |       | 5   | 6 FT. | 5   | 7 FT. | 5   | 8 FT. | 5   | 9 FT. |
| 1/4 | 172   | 1/4 | 565   | 1/4 | 957   | 1/4 | 1,350 | 1/4 | 1,743 | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 180   | 1/2 | 573   | 1/2 | 965   | 1/2 | 1,358 | 1/2 | 1,751 | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 188   | 3/4 | 581   | 3/4 | 974   | 3/4 | 1,366 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 6   | 196   | 6   | 589   | 6   | 982   | 6   | 1,375 | 6   |       | 6   |       | 6   | 6 FT. | 6   | 7 FT. | 6   | 8 FT. | 6   | 9 FT. |
| 1/4 | 205   | 1/4 | 597   | 1/4 | 990   | 1/4 | 1,383 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 213   | 1/2 | 605   | 1/2 | 998   | 1/2 | 1,391 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 221   | 3/4 | 614   | 3/4 | 1,006 | 3/4 | 1,399 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 7   | 229   | 7   | 622   | 7   | 1,015 | 7   | 1,407 | 7   |       | 7   |       | 7   | 6 FT. | 7   | 7 FT. | 7   | 8 FT. | 7   | 9 FT. |
| 1/4 | 237   | 1/4 | 630   | 1/4 | 1,023 | 1/4 | 1,416 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 245   | 1/2 | 638   | 1/2 | 1,031 | 1/2 | 1,424 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 254   | 3/4 | 646   | 3/4 | 1,039 | 3/4 | 1,432 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 8   | 262   | 8   | 655   | 8   | 1,047 | 8   | 1,440 | 8   |       | 8   |       | 8   | 6 FT. | 8   | 7 FT. | 8   | 8 FT. | 8   | 9 FT. |
| 1/4 | 270   | 1/4 | 663   | 1/4 | 1,055 | 1/4 | 1,448 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 278   | 1/2 | 671   | 1/2 | 1,064 | 1/2 | 1,456 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 286   | 3/4 | 679   | 3/4 | 1,072 | 3/4 | 1,465 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 9   | 295   | 9   | 687   | 9   | 1,080 | 9   | 1,473 | 9   |       | 9   |       | 9   | 6 FT. | 9   | 7 FT. | 9   | 8 FT. | 9   | 9 FT. |
| 1/4 | 303   | 1/4 | 695   | 1/4 | 1,088 | 1/4 | 1,481 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 311   | 1/2 | 704   | 1/2 | 1,096 | 1/2 | 1,489 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 319   | 3/4 | 712   | 3/4 | 1,105 | 3/4 | 1,497 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 10  | 327   | 10  | 720   | 10  | 1,113 | 10  | 1,506 | 10  |       | 10  |       | 10  | 6 FT. | 10  | 7 FT. | 10  | 8 FT. | 10  | 9 FT. |
| 1/4 | 335   | 1/4 | 728   | 1/4 | 1,121 | 1/4 | 1,514 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 344   | 1/2 | 736   | 1/2 | 1,129 | 1/2 | 1,522 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 352   | 3/4 | 745   | 3/4 | 1,137 | 3/4 | 1,530 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |
| 11  | 360   | 11  | 753   | 11  | 1,145 | 11  | 1,538 | 11  |       | 11  |       | 11  | 6 FT. | 11  | 7 FT. | 11  | 8 FT. | 11  | 9 FT. |
| 1/4 | 368   | 1/4 | 761   | 1/4 | 1,154 | 1/4 | 1,546 | 1/4 |       | 1/4 |       | 1/4 | 6 FT. | 1/4 | 7 FT. | 1/4 | 8 FT. | 1/4 | 9 FT. |
| 1/2 | 376   | 1/2 | 769   | 1/2 | 1,162 | 1/2 | 1,555 | 1/2 |       | 1/2 |       | 1/2 | 6 FT. | 1/2 | 7 FT. | 1/2 | 8 FT. | 1/2 | 9 FT. |
| 3/4 | 385   | 3/4 | 777   | 3/4 | 1,170 | 3/4 | 1,563 | 3/4 |       | 3/4 |       | 3/4 | 6 FT. | 3/4 | 7 FT. | 3/4 | 8 FT. | 3/4 | 9 FT. |

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