



BARGE "KIRBY 30073"

ULLAGE TRIM TABLE
FORMERLY "WTC 3004"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 7'-00"
 DIFF. = 5'-00" (DOWN BY STERN)

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

May 5, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
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BARGE "KIRBY 30073"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/2"

| 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 | 5,066.03 | 0 | 4,699.89 | 0 | 4,333.74 | 0 | 3,967.60 | 0 | 3,601.46 | 0 | 3,235.31 | 0 | 2,869.17 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,058.40 | 1/4 | 4,692.26 | 1/4 | 4,326.11 | 1/4 | 3,959.97 | 1/4 | 3,593.83 | 1/4 | 3,227.68 | 1/4 | 2,861.54 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,050.77 | 1/2 | 4,684.63 | 1/2 | 4,318.48 | 1/2 | 3,952.34 | 1/2 | 3,586.20 | 1/2 | 3,220.05 | 1/2 | 2,853.91 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,043.14 | 3/4 | 4,677.00 | 3/4 | 4,310.85 | 3/4 | 3,944.71 | 3/4 | 3,578.57 | 3/4 | 3,212.42 | 3/4 | 2,846.28 | | |
| 1 | | 1 | | 1 | | 1 | 5,035.52 | 1 | 4,669.38 | 1 | 4,303.23 | 1 | 3,937.09 | 1 | 3,570.94 | 1 | 3,204.80 | 1 | 2,838.66 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,027.89 | 1/4 | 4,661.75 | 1/4 | 4,295.60 | 1/4 | 3,929.46 | 1/4 | 3,563.31 | 1/4 | 3,197.17 | 1/4 | 2,831.03 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,020.26 | 1/2 | 4,654.12 | 1/2 | 4,287.97 | 1/2 | 3,921.83 | 1/2 | 3,555.68 | 1/2 | 3,189.54 | 1/2 | 2,823.40 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,012.63 | 3/4 | 4,646.49 | 3/4 | 4,280.34 | 3/4 | 3,914.20 | 3/4 | 3,548.05 | 3/4 | 3,181.91 | 3/4 | 2,815.77 | | |
| 2 | | 2 | | 2 | | 2 | 5,005.01 | 2 | 4,638.86 | 2 | 4,272.72 | 2 | 3,906.58 | 2 | 3,540.43 | 2 | 3,174.29 | 2 | 2,808.14 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,997.38 | 1/4 | 4,631.23 | 1/4 | 4,265.09 | 1/4 | 3,898.95 | 1/4 | 3,532.80 | 1/4 | 3,166.66 | 1/4 | 2,800.51 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,989.75 | 1/2 | 4,623.60 | 1/2 | 4,257.46 | 1/2 | 3,891.32 | 1/2 | 3,525.17 | 1/2 | 3,159.03 | 1/2 | 2,792.88 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,982.12 | 3/4 | 4,615.97 | 3/4 | 4,249.83 | 3/4 | 3,883.69 | 3/4 | 3,517.54 | 3/4 | 3,151.40 | 3/4 | 2,785.25 | | |
| 3 | | 3 | | 3 | | 3 | 4,974.50 | 3 | 4,608.35 | 3 | 4,242.21 | 3 | 3,876.06 | 3 | 3,509.92 | 3 | 3,143.78 | 3 | 2,777.63 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,966.87 | 1/4 | 4,600.72 | 1/4 | 4,234.58 | 1/4 | 3,868.43 | 1/4 | 3,502.29 | 1/4 | 3,136.15 | 1/4 | 2,770.00 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,959.24 | 1/2 | 4,593.09 | 1/2 | 4,226.95 | 1/2 | 3,860.80 | 1/2 | 3,494.66 | 1/2 | 3,128.52 | 1/2 | 2,762.37 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,951.61 | 3/4 | 4,585.46 | 3/4 | 4,219.32 | 3/4 | 3,853.17 | 3/4 | 3,487.03 | 3/4 | 3,120.89 | 3/4 | 2,754.74 | | |
| 4 | | 4 | | 4 | | 4 | 4,943.98 | 4 | 4,577.84 | 4 | 4,211.70 | 4 | 3,845.55 | 4 | 3,479.41 | 4 | 3,113.26 | 4 | 2,747.12 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,936.35 | 1/4 | 4,570.21 | 1/4 | 4,204.07 | 1/4 | 3,837.92 | 1/4 | 3,471.78 | 1/4 | 3,105.63 | 1/4 | 2,739.49 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,928.72 | 1/2 | 4,562.58 | 1/2 | 4,196.44 | 1/2 | 3,830.29 | 1/2 | 3,464.15 | 1/2 | 3,098.00 | 1/2 | 2,731.86 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,921.09 | 3/4 | 4,554.95 | 3/4 | 4,188.81 | 3/4 | 3,822.66 | 3/4 | 3,456.52 | 3/4 | 3,090.37 | 3/4 | 2,724.23 | | |
| 5 | | 5 | | 5 | | 5 | 4,913.47 | 5 | 4,547.33 | 5 | 4,181.18 | 5 | 3,815.04 | 5 | 3,448.90 | 5 | 3,082.75 | 5 | 2,716.61 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,905.84 | 1/4 | 4,539.70 | 1/4 | 4,173.55 | 1/4 | 3,807.41 | 1/4 | 3,441.27 | 1/4 | 3,075.12 | 1/4 | 2,708.98 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,172.75 | 1/2 | 4,898.21 | 1/2 | 4,532.07 | 1/2 | 4,165.92 | 1/2 | 3,799.78 | 1/2 | 3,433.64 | 1/2 | 3,067.49 | 1/2 | 2,701.35 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,172.24 | 3/4 | 4,890.58 | 3/4 | 4,524.44 | 3/4 | 4,158.29 | 3/4 | 3,792.15 | 3/4 | 3,426.01 | 3/4 | 3,059.86 | 3/4 | 2,693.72 |
| 6 | | 6 | | 6 | | 6 | 5,171.72 | 6 | 4,882.96 | 6 | 4,516.82 | 6 | 4,150.67 | 6 | 3,784.53 | 6 | 3,418.38 | 6 | 3,052.24 | 6 | 2,686.10 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,171.21 | 1/4 | 4,875.33 | 1/4 | 4,509.19 | 1/4 | 4,143.04 | 1/4 | 3,776.90 | 1/4 | 3,410.75 | 1/4 | 3,044.61 | 1/4 | 2,678.47 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,170.69 | 1/2 | 4,867.70 | 1/2 | 4,501.56 | 1/2 | 4,135.41 | 1/2 | 3,769.27 | 1/2 | 3,403.12 | 1/2 | 3,036.98 | 1/2 | 2,670.84 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,168.96 | 3/4 | 4,860.07 | 3/4 | 4,493.93 | 3/4 | 4,127.78 | 3/4 | 3,761.64 | 3/4 | 3,395.49 | 3/4 | 3,029.35 | 3/4 | 2,663.21 |
| 7 | | 7 | | 7 | | 7 | 5,167.22 | 7 | 4,852.45 | 7 | 4,486.30 | 7 | 4,120.16 | 7 | 3,754.02 | 7 | 3,387.87 | 7 | 3,021.73 | 7 | 2,655.58 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,165.49 | 1/4 | 4,844.82 | 1/4 | 4,478.67 | 1/4 | 4,112.53 | 1/4 | 3,746.39 | 1/4 | 3,380.24 | 1/4 | 3,014.10 | 1/4 | 2,647.95 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,163.75 | 1/2 | 4,837.19 | 1/2 | 4,471.04 | 1/2 | 4,104.90 | 1/2 | 3,738.76 | 1/2 | 3,372.61 | 1/2 | 3,006.47 | 1/2 | 2,640.32 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,160.64 | 3/4 | 4,829.56 | 3/4 | 4,463.41 | 3/4 | 4,097.27 | 3/4 | 3,731.13 | 3/4 | 3,364.98 | 3/4 | 2,998.84 | 3/4 | 2,632.69 |
| 8 | | 8 | | 8 | | 8 | 5,157.52 | 8 | 4,821.94 | 8 | 4,455.79 | 8 | 4,089.65 | 8 | 3,723.50 | 8 | 3,357.36 | 8 | 2,991.22 | 8 | 2,625.07 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,154.41 | 1/4 | 4,814.31 | 1/4 | 4,448.16 | 1/4 | 4,082.02 | 1/4 | 3,715.87 | 1/4 | 3,349.73 | 1/4 | 2,983.59 | 1/4 | 2,617.44 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,151.29 | 1/2 | 4,806.68 | 1/2 | 4,440.53 | 1/2 | 4,074.39 | 1/2 | 3,708.24 | 1/2 | 3,342.10 | 1/2 | 2,975.96 | 1/2 | 2,609.81 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,146.79 | 3/4 | 4,799.05 | 3/4 | 4,432.90 | 3/4 | 4,066.76 | 3/4 | 3,700.61 | 3/4 | 3,334.47 | 3/4 | 2,968.33 | 3/4 | 2,602.18 |
| 9 | | 9 | | 9 | | 9 | 5,142.29 | 9 | 4,791.42 | 9 | 4,425.28 | 9 | 4,059.14 | 9 | 3,692.99 | 9 | 3,326.85 | 9 | 2,960.70 | 9 | 2,594.56 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,137.78 | 1/4 | 4,783.79 | 1/4 | 4,417.65 | 1/4 | 4,051.51 | 1/4 | 3,685.36 | 1/4 | 3,319.22 | 1/4 | 2,953.07 | 1/4 | 2,586.93 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,133.28 | 1/2 | 4,776.16 | 1/2 | 4,410.02 | 1/2 | 4,043.88 | 1/2 | 3,677.73 | 1/2 | 3,311.59 | 1/2 | 2,945.44 | 1/2 | 2,579.30 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,127.39 | 3/4 | 4,768.53 | 3/4 | 4,402.39 | 3/4 | 4,036.25 | 3/4 | 3,670.10 | 3/4 | 3,303.96 | 3/4 | 2,937.81 | 3/4 | 2,571.67 |
| 10 | | 10 | | 10 | | 10 | 5,121.50 | 10 | 4,760.91 | 10 | 4,394.77 | 10 | 4,028.62 | 10 | 3,662.48 | 10 | 3,296.34 | 10 | 2,930.19 | 10 | 2,564.05 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,115.60 | 1/4 | 4,753.28 | 1/4 | 4,387.14 | 1/4 | 4,020.99 | 1/4 | 3,654.85 | 1/4 | 3,288.71 | 1/4 | 2,922.56 | 1/4 | 2,556.42 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,109.71 | 1/2 | 4,745.65 | 1/2 | 4,379.51 | 1/2 | 4,013.36 | 1/2 | 3,647.22 | 1/2 | 3,281.08 | 1/2 | 2,914.93 | 1/2 | 2,548.79 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,102.60 | 3/4 | 4,738.02 | 3/4 | 4,371.88 | 3/4 | 4,005.73 | 3/4 | 3,639.59 | 3/4 | 3,273.45 | 3/4 | 2,907.30 | 3/4 | 2,541.16 |
| 11 | | 11 | | 11 | | 11 | 5,095.50 | 11 | 4,730.40 | 11 | 4,364.26 | 11 | 3,998.11 | 11 | 3,631.97 | 11 | 3,265.82 | 11 | 2,899.68 | 11 | 2,533.54 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,088.39 | 1/4 | 4,722.77 | 1/4 | 4,356.63 | 1/4 | 3,990.48 | 1/4 | 3,624.34 | 1/4 | 3,258.19 | 1/4 | 2,892.05 | 1/4 | 2,525.91 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,081.28 | 1/2 | 4,715.14 | 1/2 | 4,349.00 | 1/2 | 3,982.85 | 1/2 | 3,616.71 | 1/2 | 3,250.56 | 1/2 | 2,884.42 | 1/2 | 2,518.28 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,073.65 | 3/4 | 4,707.51 | 3/4 | 4,341.37 | 3/4 | 3,975.22 | 3/4 | 3,609.08 | 3/4 | 3,242.93 | 3/4 | 2,876.79 | 3/4 | 2,510.65 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 30073"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/2"

| 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | 15 FT. | | 16 FT. | | 17 FT. | | 18 FT. | | 19 FT. | |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|-----|--------|--|--------|-----|
| 0 | 2,503.02 | 0 | 2,136.88 | 0 | 1,770.74 | 0 | 1,404.59 | 0 | 1,038.45 | 0 | 672.30 | 0 | 313.21 | 0 | | 0 | | 0 | |
| 1/4 | 2,495.39 | 1/4 | 2,129.25 | 1/4 | 1,763.11 | 1/4 | 1,396.96 | 1/4 | 1,030.82 | 1/4 | 664.67 | 1/4 | 306.12 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,487.76 | 1/2 | 2,121.62 | 1/2 | 1,755.48 | 1/2 | 1,389.33 | 1/2 | 1,023.19 | 1/2 | 657.04 | 1/2 | 299.03 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,480.13 | 3/4 | 2,113.99 | 3/4 | 1,747.85 | 3/4 | 1,381.70 | 3/4 | 1,015.56 | 3/4 | 649.41 | 3/4 | 291.94 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 2,472.51 | 1 | 2,106.37 | 1 | 1,740.22 | 1 | 1,374.08 | 1 | 1,007.94 | 1 | 641.79 | 1 | 284.85 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 2,464.88 | 1/4 | 2,098.74 | 1/4 | 1,732.59 | 1/4 | 1,366.45 | 1/4 | 1,000.31 | 1/4 | 634.16 | 1/4 | 277.76 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,457.25 | 1/2 | 2,091.11 | 1/2 | 1,724.96 | 1/2 | 1,358.82 | 1/2 | 992.68 | 1/2 | 626.53 | 1/2 | 270.67 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,449.62 | 3/4 | 2,083.48 | 3/4 | 1,717.33 | 3/4 | 1,351.19 | 3/4 | 985.05 | 3/4 | 618.90 | 3/4 | 263.63 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 2,442.00 | 2 | 2,075.86 | 2 | 1,709.71 | 2 | 1,343.57 | 2 | 977.42 | 2 | 611.28 | 2 | 256.59 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 2,434.37 | 1/4 | 2,068.23 | 1/4 | 1,702.08 | 1/4 | 1,335.94 | 1/4 | 969.79 | 1/4 | 603.65 | 1/4 | 249.55 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,426.74 | 1/2 | 2,060.60 | 1/2 | 1,694.45 | 1/2 | 1,328.31 | 1/2 | 962.16 | 1/2 | 596.02 | 1/2 | 242.51 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,419.11 | 3/4 | 2,052.97 | 3/4 | 1,686.82 | 3/4 | 1,320.68 | 3/4 | 954.38 | 3/4 | 588.39 | 3/4 | 235.63 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 2,411.49 | 3 | 2,045.34 | 3 | 1,679.20 | 3 | 1,313.06 | 3 | 946.59 | 3 | 580.77 | 3 | 228.75 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 2,403.86 | 1/4 | 2,037.71 | 1/4 | 1,671.57 | 1/4 | 1,305.43 | 1/4 | 938.81 | 1/4 | 573.14 | 1/4 | 221.87 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,396.23 | 1/2 | 2,030.08 | 1/2 | 1,663.94 | 1/2 | 1,297.80 | 1/2 | 931.02 | 1/2 | 565.51 | 1/2 | 214.99 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,388.60 | 3/4 | 2,022.45 | 3/4 | 1,656.31 | 3/4 | 1,290.17 | 3/4 | 923.55 | 3/4 | 557.88 | 3/4 | 208.11 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 2,380.98 | 4 | 2,014.83 | 4 | 1,648.69 | 4 | 1,282.54 | 4 | 916.08 | 4 | 550.26 | 4 | 201.23 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 2,373.35 | 1/4 | 2,007.20 | 1/4 | 1,641.06 | 1/4 | 1,274.91 | 1/4 | 908.61 | 1/4 | 542.63 | 1/4 | 194.34 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,365.72 | 1/2 | 1,999.57 | 1/2 | 1,633.43 | 1/2 | 1,267.28 | 1/2 | 901.14 | 1/2 | 535.00 | 1/2 | 187.46 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,358.09 | 3/4 | 1,991.94 | 3/4 | 1,625.80 | 3/4 | 1,259.65 | 3/4 | 893.51 | 3/4 | 527.40 | 3/4 | 180.63 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 2,350.46 | 5 | 1,984.32 | 5 | 1,618.18 | 5 | 1,252.03 | 5 | 885.89 | 5 | 519.81 | 5 | 173.81 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 2,342.83 | 1/4 | 1,976.69 | 1/4 | 1,610.55 | 1/4 | 1,244.40 | 1/4 | 878.26 | 1/4 | 512.21 | 1/4 | 166.98 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,335.20 | 1/2 | 1,969.06 | 1/2 | 1,602.92 | 1/2 | 1,236.77 | 1/2 | 870.63 | 1/2 | 504.61 | 1/2 | 160.15 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,327.57 | 3/4 | 1,961.43 | 3/4 | 1,595.29 | 3/4 | 1,229.14 | 3/4 | 863.00 | 3/4 | 497.11 | 3/4 | 153.48 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 2,319.95 | 6 | 1,953.81 | 6 | 1,587.66 | 6 | 1,221.52 | 6 | 855.38 | 6 | 489.60 | 6 | 146.81 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 2,312.32 | 1/4 | 1,946.18 | 1/4 | 1,580.03 | 1/4 | 1,213.89 | 1/4 | 847.75 | 1/4 | 482.10 | 1/4 | 140.13 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,304.69 | 1/2 | 1,938.55 | 1/2 | 1,572.40 | 1/2 | 1,206.26 | 1/2 | 840.12 | 1/2 | 474.59 | 1/2 | 133.46 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,297.06 | 3/4 | 1,930.92 | 3/4 | 1,564.77 | 3/4 | 1,198.63 | 3/4 | 832.49 | 3/4 | 467.09 | 3/4 | 126.79 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 2,289.44 | 7 | 1,923.30 | 7 | 1,557.15 | 7 | 1,191.01 | 7 | 824.86 | 7 | 459.58 | 7 | 120.12 | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 2,281.81 | 1/4 | 1,915.67 | 1/4 | 1,549.52 | 1/4 | 1,183.38 | 1/4 | 817.23 | 1/4 | 452.08 | 1/4 | 113.44 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,274.18 | 1/2 | 1,908.04 | 1/2 | 1,541.89 | 1/2 | 1,175.75 | 1/2 | 809.60 | 1/2 | 444.57 | 1/2 | 106.77 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,266.55 | 3/4 | 1,900.41 | 3/4 | 1,534.26 | 3/4 | 1,168.12 | 3/4 | 801.97 | 3/4 | 437.12 | 3/4 | 100.15 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 2,258.93 | 8 | 1,892.78 | 8 | 1,526.64 | 8 | 1,160.50 | 8 | 794.35 | 8 | 429.66 | 8 | 93.53 | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 2,251.30 | 1/4 | 1,885.15 | 1/4 | 1,519.01 | 1/4 | 1,152.87 | 1/4 | 786.72 | 1/4 | 422.21 | 1/4 | 86.91 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,243.67 | 1/2 | 1,877.52 | 1/2 | 1,511.38 | 1/2 | 1,145.24 | 1/2 | 779.09 | 1/2 | 414.75 | 1/2 | 80.29 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,236.04 | 3/4 | 1,869.89 | 3/4 | 1,503.75 | 3/4 | 1,137.61 | 3/4 | 771.46 | 3/4 | 407.45 | 3/4 | 74.24 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 2,228.42 | 9 | 1,862.27 | 9 | 1,496.13 | 9 | 1,129.98 | 9 | 763.84 | 9 | 400.16 | 9 | 68.19 | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 2,220.79 | 1/4 | 1,854.64 | 1/4 | 1,488.50 | 1/4 | 1,122.35 | 1/4 | 756.21 | 1/4 | 392.86 | 1/4 | 62.13 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,213.16 | 1/2 | 1,847.01 | 1/2 | 1,480.87 | 1/2 | 1,114.72 | 1/2 | 748.58 | 1/2 | 385.56 | 1/2 | 56.08 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,205.53 | 3/4 | 1,839.38 | 3/4 | 1,473.24 | 3/4 | 1,107.09 | 3/4 | 740.95 | 3/4 | 378.27 | 3/4 | 50.99 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 2,197.90 | 10 | 1,831.76 | 10 | 1,465.62 | 10 | 1,099.47 | 10 | 733.33 | 10 | 370.97 | 10 | 45.89 | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 2,190.27 | 1/4 | 1,824.13 | 1/4 | 1,457.99 | 1/4 | 1,091.84 | 1/4 | 725.70 | 1/4 | 363.68 | 1/4 | 40.80 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,182.64 | 1/2 | 1,816.50 | 1/2 | 1,450.36 | 1/2 | 1,084.21 | 1/2 | 718.07 | 1/2 | 356.38 | 1/2 | 35.70 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,175.01 | 3/4 | 1,808.87 | 3/4 | 1,442.73 | 3/4 | 1,076.58 | 3/4 | 710.44 | 3/4 | 349.13 | 3/4 | 31.76 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 2,167.39 | 11 | 1,801.25 | 11 | 1,435.10 | 11 | 1,068.96 | 11 | 702.82 | 11 | 341.89 | 11 | 27.81 | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 2,159.76 | 1/4 | 1,793.62 | 1/4 | 1,427.47 | 1/4 | 1,061.33 | 1/4 | 695.19 | 1/4 | 334.64 | 1/4 | 23.87 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,152.13 | 1/2 | 1,785.99 | 1/2 | 1,419.84 | 1/2 | 1,053.70 | 1/2 | 687.56 | 1/2 | 327.39 | 1/2 | 19.92 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,144.50 | 3/4 | 1,778.36 | 3/4 | 1,412.21 | 3/4 | 1,046.07 | 3/4 | 679.93 | 3/4 | 320.30 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/26/2000 INSP.
RECALCULATED: 05/07/2020 PMA
NAME CHANGE: 05/07/2020

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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



BARGE "KIRBY 30073"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/2"

| 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 | 5,066.02 | 0 | 4,699.88 | 0 | 4,333.74 | 0 | 3,967.59 | 0 | 3,601.45 | 0 | 3,235.30 | 0 | 2,869.16 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,058.40 | 1/4 | 4,692.26 | 1/4 | 4,326.11 | 1/4 | 3,959.97 | 1/4 | 3,593.83 | 1/4 | 3,227.68 | 1/4 | 2,861.54 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,050.77 | 1/2 | 4,684.63 | 1/2 | 4,318.48 | 1/2 | 3,952.34 | 1/2 | 3,586.20 | 1/2 | 3,220.05 | 1/2 | 2,853.91 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,043.14 | 3/4 | 4,677.00 | 3/4 | 4,310.85 | 3/4 | 3,944.71 | 3/4 | 3,578.57 | 3/4 | 3,212.42 | 3/4 | 2,846.28 |
| 1 | | 1 | | 1 | | 1 | 5,035.51 | 1 | 4,669.37 | 1 | 4,303.22 | 1 | 3,937.08 | 1 | 3,570.94 | 1 | 3,204.79 | 1 | 2,838.65 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,027.89 | 1/4 | 4,661.75 | 1/4 | 4,295.60 | 1/4 | 3,929.46 | 1/4 | 3,563.31 | 1/4 | 3,197.17 | 1/4 | 2,831.03 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,020.26 | 1/2 | 4,654.12 | 1/2 | 4,287.97 | 1/2 | 3,921.83 | 1/2 | 3,555.68 | 1/2 | 3,189.54 | 1/2 | 2,823.40 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,012.63 | 3/4 | 4,646.49 | 3/4 | 4,280.34 | 3/4 | 3,914.20 | 3/4 | 3,548.05 | 3/4 | 3,181.91 | 3/4 | 2,815.77 |
| 2 | | 2 | | 2 | | 2 | 5,005.00 | 2 | 4,638.86 | 2 | 4,272.71 | 2 | 3,906.57 | 2 | 3,540.42 | 2 | 3,174.28 | 2 | 2,808.14 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,997.38 | 1/4 | 4,631.23 | 1/4 | 4,265.09 | 1/4 | 3,898.95 | 1/4 | 3,532.80 | 1/4 | 3,166.66 | 1/4 | 2,800.51 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,989.75 | 1/2 | 4,623.60 | 1/2 | 4,257.46 | 1/2 | 3,891.32 | 1/2 | 3,525.17 | 1/2 | 3,159.03 | 1/2 | 2,792.88 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,982.12 | 3/4 | 4,615.97 | 3/4 | 4,249.83 | 3/4 | 3,883.69 | 3/4 | 3,517.54 | 3/4 | 3,151.40 | 3/4 | 2,785.25 |
| 3 | | 3 | | 3 | | 3 | 4,974.49 | 3 | 4,608.34 | 3 | 4,242.20 | 3 | 3,876.06 | 3 | 3,509.91 | 3 | 3,143.77 | 3 | 2,777.62 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,966.87 | 1/4 | 4,600.72 | 1/4 | 4,234.58 | 1/4 | 3,868.43 | 1/4 | 3,502.29 | 1/4 | 3,136.15 | 1/4 | 2,770.00 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,959.24 | 1/2 | 4,593.09 | 1/2 | 4,226.95 | 1/2 | 3,860.80 | 1/2 | 3,494.66 | 1/2 | 3,128.52 | 1/2 | 2,762.37 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,951.61 | 3/4 | 4,585.46 | 3/4 | 4,219.32 | 3/4 | 3,853.17 | 3/4 | 3,487.03 | 3/4 | 3,120.89 | 3/4 | 2,754.74 |
| 4 | | 4 | | 4 | | 4 | 4,943.98 | 4 | 4,577.83 | 4 | 4,211.69 | 4 | 3,845.54 | 4 | 3,479.40 | 4 | 3,113.26 | 4 | 2,747.11 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,936.35 | 1/4 | 4,570.21 | 1/4 | 4,204.07 | 1/4 | 3,837.92 | 1/4 | 3,471.78 | 1/4 | 3,105.63 | 1/4 | 2,739.49 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,928.72 | 1/2 | 4,562.58 | 1/2 | 4,196.44 | 1/2 | 3,830.29 | 1/2 | 3,464.15 | 1/2 | 3,098.00 | 1/2 | 2,731.86 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,921.09 | 3/4 | 4,554.95 | 3/4 | 4,188.81 | 3/4 | 3,822.66 | 3/4 | 3,456.52 | 3/4 | 3,090.37 | 3/4 | 2,724.23 |
| 5 | | 5 | | 5 | | 5 | 4,913.46 | 5 | 4,547.32 | 5 | 4,181.18 | 5 | 3,815.03 | 5 | 3,448.89 | 5 | 3,082.74 | 5 | 2,716.60 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,905.84 | 1/4 | 4,539.70 | 1/4 | 4,173.55 | 1/4 | 3,807.41 | 1/4 | 3,441.27 | 1/4 | 3,075.12 | 1/4 | 2,708.98 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,898.21 | 1/2 | 4,532.07 | 1/2 | 4,165.92 | 1/2 | 3,799.78 | 1/2 | 3,433.64 | 1/2 | 3,067.49 | 1/2 | 2,701.35 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,172.75 | 3/4 | 4,890.58 | 3/4 | 4,524.44 | 3/4 | 4,158.29 | 3/4 | 3,792.15 | 3/4 | 3,426.01 | 3/4 | 3,059.86 |
| 6 | | 6 | | 6 | | 6 | 5,172.06 | 6 | 4,882.95 | 6 | 4,516.81 | 6 | 4,150.66 | 6 | 3,784.52 | 6 | 3,418.38 | 6 | 3,052.23 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,171.38 | 1/4 | 4,875.33 | 1/4 | 4,509.19 | 1/4 | 4,143.04 | 1/4 | 3,776.90 | 1/4 | 3,410.75 | 1/4 | 3,044.61 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,170.69 | 1/2 | 4,867.70 | 1/2 | 4,501.56 | 1/2 | 4,135.41 | 1/2 | 3,769.27 | 1/2 | 3,403.12 | 1/2 | 3,036.98 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,168.95 | 3/4 | 4,860.07 | 3/4 | 4,493.93 | 3/4 | 4,127.78 | 3/4 | 3,761.64 | 3/4 | 3,395.49 | 3/4 | 3,029.35 |
| 7 | | 7 | | 7 | | 7 | 5,167.22 | 7 | 4,852.44 | 7 | 4,486.30 | 7 | 4,120.15 | 7 | 3,754.01 | 7 | 3,387.86 | 7 | 3,021.72 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,165.48 | 1/4 | 4,844.82 | 1/4 | 4,478.67 | 1/4 | 4,112.53 | 1/4 | 3,746.39 | 1/4 | 3,380.24 | 1/4 | 3,014.10 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,163.75 | 1/2 | 4,837.19 | 1/2 | 4,471.04 | 1/2 | 4,104.90 | 1/2 | 3,738.76 | 1/2 | 3,372.61 | 1/2 | 3,006.47 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,160.63 | 3/4 | 4,829.56 | 3/4 | 4,463.41 | 3/4 | 4,097.27 | 3/4 | 3,731.13 | 3/4 | 3,364.98 | 3/4 | 2,998.84 |
| 8 | | 8 | | 8 | | 8 | 5,157.52 | 8 | 4,821.93 | 8 | 4,455.78 | 8 | 4,089.64 | 8 | 3,723.50 | 8 | 3,357.35 | 8 | 2,991.21 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,154.40 | 1/4 | 4,814.31 | 1/4 | 4,448.16 | 1/4 | 4,082.02 | 1/4 | 3,715.87 | 1/4 | 3,349.73 | 1/4 | 2,983.59 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,151.29 | 1/2 | 4,806.68 | 1/2 | 4,440.53 | 1/2 | 4,074.39 | 1/2 | 3,708.24 | 1/2 | 3,342.10 | 1/2 | 2,975.96 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,146.79 | 3/4 | 4,799.05 | 3/4 | 4,432.90 | 3/4 | 4,066.76 | 3/4 | 3,700.61 | 3/4 | 3,334.47 | 3/4 | 2,968.33 |
| 9 | | 9 | | 9 | | 9 | 5,142.28 | 9 | 4,791.42 | 9 | 4,425.27 | 9 | 4,059.13 | 9 | 3,692.98 | 9 | 3,326.84 | 9 | 2,960.70 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,137.78 | 1/4 | 4,783.79 | 1/4 | 4,417.65 | 1/4 | 4,051.51 | 1/4 | 3,685.36 | 1/4 | 3,319.22 | 1/4 | 2,953.07 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,133.28 | 1/2 | 4,776.16 | 1/2 | 4,410.02 | 1/2 | 4,043.88 | 1/2 | 3,677.73 | 1/2 | 3,311.59 | 1/2 | 2,945.44 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,127.39 | 3/4 | 4,768.53 | 3/4 | 4,402.39 | 3/4 | 4,036.25 | 3/4 | 3,670.10 | 3/4 | 3,303.96 | 3/4 | 2,937.81 |
| 10 | | 10 | | 10 | | 10 | 5,121.49 | 10 | 4,760.90 | 10 | 4,394.76 | 10 | 4,028.62 | 10 | 3,662.47 | 10 | 3,296.33 | 10 | 2,930.18 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,115.60 | 1/4 | 4,753.28 | 1/4 | 4,387.14 | 1/4 | 4,020.99 | 1/4 | 3,654.85 | 1/4 | 3,288.71 | 1/4 | 2,922.56 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,109.71 | 1/2 | 4,745.65 | 1/2 | 4,379.51 | 1/2 | 4,013.36 | 1/2 | 3,647.22 | 1/2 | 3,281.08 | 1/2 | 2,914.93 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,102.60 | 3/4 | 4,738.02 | 3/4 | 4,371.88 | 3/4 | 4,005.73 | 3/4 | 3,639.59 | 3/4 | 3,273.45 | 3/4 | 2,907.30 |
| 11 | | 11 | | 11 | | 11 | 5,095.49 | 11 | 4,730.39 | 11 | 4,364.25 | 11 | 3,998.10 | 11 | 3,631.96 | 11 | 3,265.82 | 11 | 2,899.67 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,088.39 | 1/4 | 4,722.77 | 1/4 | 4,356.63 | 1/4 | 3,990.48 | 1/4 | 3,624.34 | 1/4 | 3,258.19 | 1/4 | 2,892.05 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,081.28 | 1/2 | 4,715.14 | 1/2 | 4,349.00 | 1/2 | 3,982.85 | 1/2 | 3,616.71 | 1/2 | 3,250.56 | 1/2 | 2,884.42 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,073.65 | 3/4 | 4,707.51 | 3/4 | 4,341.37 | 3/4 | 3,975.22 | 3/4 | 3,609.08 | 3/4 | 3,242.93 | 3/4 | 2,876.79 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30073"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,503.02 | 0 | 2,136.87 | 0 | 1,770.73 | 0 | 1,404.58 | 0 | 1,038.44 | 0 | 672.30 | 0 | 313.21 | 0 | | 0 | | 0 | |
| 1/4 | 2,495.39 | 1/4 | 2,129.25 | 1/4 | 1,763.11 | 1/4 | 1,396.96 | 1/4 | 1,030.82 | 1/4 | 664.67 | 1/4 | 306.12 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,487.76 | 1/2 | 2,121.62 | 1/2 | 1,755.48 | 1/2 | 1,389.33 | 1/2 | 1,023.19 | 1/2 | 657.04 | 1/2 | 299.03 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,480.13 | 3/4 | 2,113.99 | 3/4 | 1,747.85 | 3/4 | 1,381.70 | 3/4 | 1,015.56 | 3/4 | 649.41 | 3/4 | 291.94 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 2,472.50 | 1 | 2,106.36 | 1 | 1,740.22 | 1 | 1,374.07 | 1 | 1,007.93 | 1 | 641.78 | 1 | 284.85 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 2,464.88 | 1/4 | 2,098.74 | 1/4 | 1,732.59 | 1/4 | 1,366.45 | 1/4 | 1,000.31 | 1/4 | 634.16 | 1/4 | 277.76 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,457.25 | 1/2 | 2,091.11 | 1/2 | 1,724.96 | 1/2 | 1,358.82 | 1/2 | 992.68 | 1/2 | 626.53 | 1/2 | 270.67 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,449.62 | 3/4 | 2,083.48 | 3/4 | 1,717.33 | 3/4 | 1,351.19 | 3/4 | 985.05 | 3/4 | 618.90 | 3/4 | 263.63 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 2,441.99 | 2 | 2,075.85 | 2 | 1,709.70 | 2 | 1,343.56 | 2 | 977.42 | 2 | 611.27 | 2 | 256.59 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 2,434.37 | 1/4 | 2,068.23 | 1/4 | 1,702.08 | 1/4 | 1,335.94 | 1/4 | 969.79 | 1/4 | 603.65 | 1/4 | 249.55 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,426.74 | 1/2 | 2,060.60 | 1/2 | 1,694.45 | 1/2 | 1,328.31 | 1/2 | 962.16 | 1/2 | 596.02 | 1/2 | 242.51 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,419.11 | 3/4 | 2,052.97 | 3/4 | 1,686.82 | 3/4 | 1,320.68 | 3/4 | 954.53 | 3/4 | 588.39 | 3/4 | 235.63 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 2,411.48 | 3 | 2,045.34 | 3 | 1,679.19 | 3 | 1,313.05 | 3 | 946.90 | 3 | 580.76 | 3 | 228.75 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 2,403.86 | 1/4 | 2,037.71 | 1/4 | 1,671.57 | 1/4 | 1,305.43 | 1/4 | 939.28 | 1/4 | 573.14 | 1/4 | 221.87 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,396.23 | 1/2 | 2,030.08 | 1/2 | 1,663.94 | 1/2 | 1,297.80 | 1/2 | 931.65 | 1/2 | 565.51 | 1/2 | 214.99 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,388.60 | 3/4 | 2,022.45 | 3/4 | 1,656.31 | 3/4 | 1,290.17 | 3/4 | 924.02 | 3/4 | 557.88 | 3/4 | 208.11 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 2,380.97 | 4 | 2,014.82 | 4 | 1,648.68 | 4 | 1,282.54 | 4 | 916.39 | 4 | 550.25 | 4 | 201.22 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 2,373.35 | 1/4 | 2,007.20 | 1/4 | 1,641.06 | 1/4 | 1,274.91 | 1/4 | 908.77 | 1/4 | 542.63 | 1/4 | 194.34 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,365.72 | 1/2 | 1,999.57 | 1/2 | 1,633.43 | 1/2 | 1,267.28 | 1/2 | 901.14 | 1/2 | 535.00 | 1/2 | 187.46 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,358.09 | 3/4 | 1,991.94 | 3/4 | 1,625.80 | 3/4 | 1,259.65 | 3/4 | 893.51 | 3/4 | 527.40 | 3/4 | 180.63 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 2,350.46 | 5 | 1,984.31 | 5 | 1,618.17 | 5 | 1,252.02 | 5 | 885.88 | 5 | 519.80 | 5 | 173.80 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 2,342.83 | 1/4 | 1,976.68 | 1/4 | 1,610.55 | 1/4 | 1,244.40 | 1/4 | 878.26 | 1/4 | 512.21 | 1/4 | 166.98 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,335.20 | 1/2 | 1,969.05 | 1/2 | 1,602.92 | 1/2 | 1,236.77 | 1/2 | 870.63 | 1/2 | 504.61 | 1/2 | 160.15 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,327.57 | 3/4 | 1,961.42 | 3/4 | 1,595.29 | 3/4 | 1,229.14 | 3/4 | 863.00 | 3/4 | 497.10 | 3/4 | 153.48 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 2,319.94 | 6 | 1,953.80 | 6 | 1,587.66 | 6 | 1,221.51 | 6 | 855.37 | 6 | 489.60 | 6 | 146.80 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 2,312.32 | 1/4 | 1,946.17 | 1/4 | 1,580.03 | 1/4 | 1,213.89 | 1/4 | 847.75 | 1/4 | 482.09 | 1/4 | 140.13 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,304.69 | 1/2 | 1,938.55 | 1/2 | 1,572.40 | 1/2 | 1,206.26 | 1/2 | 840.12 | 1/2 | 474.59 | 1/2 | 133.46 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,297.06 | 3/4 | 1,930.92 | 3/4 | 1,564.77 | 3/4 | 1,198.63 | 3/4 | 832.49 | 3/4 | 467.08 | 3/4 | 126.79 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 2,289.43 | 7 | 1,923.29 | 7 | 1,557.14 | 7 | 1,191.00 | 7 | 824.86 | 7 | 459.58 | 7 | 120.11 | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 2,281.81 | 1/4 | 1,915.67 | 1/4 | 1,549.52 | 1/4 | 1,183.38 | 1/4 | 817.23 | 1/4 | 452.07 | 1/4 | 113.44 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,274.18 | 1/2 | 1,908.04 | 1/2 | 1,541.89 | 1/2 | 1,175.75 | 1/2 | 809.60 | 1/2 | 444.57 | 1/2 | 106.77 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,266.55 | 3/4 | 1,900.41 | 3/4 | 1,534.26 | 3/4 | 1,168.12 | 3/4 | 801.97 | 3/4 | 437.11 | 3/4 | 100.15 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 2,258.92 | 8 | 1,892.78 | 8 | 1,526.63 | 8 | 1,160.49 | 8 | 794.34 | 8 | 429.66 | 8 | 93.53 | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 2,251.30 | 1/4 | 1,885.15 | 1/4 | 1,519.01 | 1/4 | 1,152.87 | 1/4 | 786.72 | 1/4 | 422.20 | 1/4 | 86.91 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,243.67 | 1/2 | 1,877.52 | 1/2 | 1,511.38 | 1/2 | 1,145.24 | 1/2 | 779.09 | 1/2 | 414.75 | 1/2 | 80.29 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,236.04 | 3/4 | 1,869.89 | 3/4 | 1,503.75 | 3/4 | 1,137.61 | 3/4 | 771.46 | 3/4 | 407.45 | 3/4 | 74.24 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 2,228.41 | 9 | 1,862.26 | 9 | 1,496.12 | 9 | 1,129.98 | 9 | 763.83 | 9 | 400.15 | 9 | 68.18 | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 2,220.79 | 1/4 | 1,854.64 | 1/4 | 1,488.50 | 1/4 | 1,122.35 | 1/4 | 756.21 | 1/4 | 392.86 | 1/4 | 62.13 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,213.16 | 1/2 | 1,847.01 | 1/2 | 1,480.87 | 1/2 | 1,114.72 | 1/2 | 748.58 | 1/2 | 385.56 | 1/2 | 56.08 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,205.53 | 3/4 | 1,839.38 | 3/4 | 1,473.24 | 3/4 | 1,107.09 | 3/4 | 740.95 | 3/4 | 378.26 | 3/4 | 50.98 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 2,197.90 | 10 | 1,831.75 | 10 | 1,465.61 | 10 | 1,099.46 | 10 | 733.32 | 10 | 370.97 | 10 | 45.89 | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 2,190.27 | 1/4 | 1,824.13 | 1/4 | 1,457.99 | 1/4 | 1,091.84 | 1/4 | 725.70 | 1/4 | 363.67 | 1/4 | 40.79 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,182.64 | 1/2 | 1,816.50 | 1/2 | 1,450.36 | 1/2 | 1,084.21 | 1/2 | 718.07 | 1/2 | 356.38 | 1/2 | 35.70 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,175.01 | 3/4 | 1,808.87 | 3/4 | 1,442.73 | 3/4 | 1,076.58 | 3/4 | 710.44 | 3/4 | 349.13 | 3/4 | 31.75 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 2,167.38 | 11 | 1,801.24 | 11 | 1,435.10 | 11 | 1,068.95 | 11 | 702.81 | 11 | 341.88 | 11 | 27.81 | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 2,159.76 | 1/4 | 1,793.62 | 1/4 | 1,427.47 | 1/4 | 1,061.33 | 1/4 | 695.19 | 1/4 | 334.64 | 1/4 | 23.86 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,152.13 | 1/2 | 1,785.99 | 1/2 | 1,419.84 | 1/2 | 1,053.70 | 1/2 | 687.56 | 1/2 | 327.39 | 1/2 | 19.92 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,144.50 | 3/4 | 1,778.36 | 3/4 | 1,412.21 | 3/4 | 1,046.07 | 3/4 | 679.93 | 3/4 | 320.30 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/26/2000 INSP.
RECALCULATED: 05/07/2020 PMA
NAME CHANGE: 05/07/2020

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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



BARGE "KIRBY 30073"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 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 | 4,786.13 | 0 | 4,442.11 | 0 | 4,098.10 | 0 | 3,754.08 | 0 | 3,410.06 | 0 | 3,066.05 | 0 | 2,722.03 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,778.96 | 1/4 | 4,434.94 | 1/4 | 4,090.93 | 1/4 | 3,746.91 | 1/4 | 3,402.89 | 1/4 | 3,058.88 | 1/4 | 2,714.86 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,771.79 | 1/2 | 4,427.77 | 1/2 | 4,083.76 | 1/2 | 3,739.74 | 1/2 | 3,395.73 | 1/2 | 3,051.71 | 1/2 | 2,707.69 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,764.63 | 3/4 | 4,420.61 | 3/4 | 4,076.60 | 3/4 | 3,732.58 | 3/4 | 3,388.56 | 3/4 | 3,044.55 | 3/4 | 2,700.53 |
| 1 | | 1 | | 1 | | 1 | 4,757.46 | 1 | 4,413.44 | 1 | 4,069.43 | 1 | 3,725.41 | 1 | 3,381.40 | 1 | 3,037.38 | 1 | 2,693.36 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,750.29 | 1/4 | 4,406.27 | 1/4 | 4,062.26 | 1/4 | 3,718.24 | 1/4 | 3,374.23 | 1/4 | 3,030.21 | 1/4 | 2,686.19 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,743.12 | 1/2 | 4,399.11 | 1/2 | 4,055.09 | 1/2 | 3,711.07 | 1/2 | 3,367.06 | 1/2 | 3,023.04 | 1/2 | 2,679.03 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,735.96 | 3/4 | 4,391.94 | 3/4 | 4,047.93 | 3/4 | 3,703.91 | 3/4 | 3,359.90 | 3/4 | 3,015.88 | 3/4 | 2,671.86 |
| 2 | | 2 | | 2 | | 2 | 4,728.79 | 2 | 4,384.78 | 2 | 4,040.76 | 2 | 3,696.74 | 2 | 3,352.73 | 2 | 3,008.71 | 2 | 2,664.70 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,721.62 | 1/4 | 4,377.61 | 1/4 | 4,033.59 | 1/4 | 3,689.57 | 1/4 | 3,345.56 | 1/4 | 3,001.54 | 1/4 | 2,657.53 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,714.45 | 1/2 | 4,370.44 | 1/2 | 4,026.42 | 1/2 | 3,682.41 | 1/2 | 3,338.39 | 1/2 | 2,994.37 | 1/2 | 2,650.36 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,707.29 | 3/4 | 4,363.28 | 3/4 | 4,019.26 | 3/4 | 3,675.24 | 3/4 | 3,331.23 | 3/4 | 2,987.21 | 3/4 | 2,643.20 |
| 3 | | 3 | | 3 | | 3 | 4,700.12 | 3 | 4,356.11 | 3 | 4,012.09 | 3 | 3,668.08 | 3 | 3,324.06 | 3 | 2,980.04 | 3 | 2,636.03 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,692.95 | 1/4 | 4,348.94 | 1/4 | 4,004.92 | 1/4 | 3,660.91 | 1/4 | 3,316.89 | 1/4 | 2,972.87 | 1/4 | 2,628.86 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,685.79 | 1/2 | 4,341.77 | 1/2 | 3,997.75 | 1/2 | 3,653.74 | 1/2 | 3,309.72 | 1/2 | 2,965.71 | 1/2 | 2,621.69 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,678.62 | 3/4 | 4,334.61 | 3/4 | 3,990.59 | 3/4 | 3,646.58 | 3/4 | 3,302.56 | 3/4 | 2,958.54 | 3/4 | 2,614.53 |
| 4 | | 4 | | 4 | | 4 | 4,671.46 | 4 | 4,327.44 | 4 | 3,983.42 | 4 | 3,639.41 | 4 | 3,295.39 | 4 | 2,951.38 | 4 | 2,607.36 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,664.29 | 1/4 | 4,320.27 | 1/4 | 3,976.25 | 1/4 | 3,632.24 | 1/4 | 3,288.22 | 1/4 | 2,944.21 | 1/4 | 2,600.19 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,657.12 | 1/2 | 4,313.10 | 1/2 | 3,969.09 | 1/2 | 3,625.07 | 1/2 | 3,281.05 | 1/2 | 2,937.04 | 1/2 | 2,593.02 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,649.96 | 3/4 | 4,305.94 | 3/4 | 3,961.92 | 3/4 | 3,617.91 | 3/4 | 3,273.89 | 3/4 | 2,929.88 | 3/4 | 2,585.86 |
| 5 | | 5 | | 5 | | 5 | 4,642.79 | 5 | 4,298.77 | 5 | 3,954.76 | 5 | 3,610.74 | 5 | 3,266.72 | 5 | 2,922.71 | 5 | 2,578.69 |
| 1/4 | 1/4 | 1/4 | 4,900.68 | 1/4 | 4,635.62 | 1/4 | 4,291.60 | 1/4 | 3,947.59 | 1/4 | 3,603.57 | 1/4 | 3,259.55 | 1/4 | 2,915.54 | 1/4 | 2,571.52 | | |
| 1/2 | 1/2 | 1/2 | 4,899.88 | 1/2 | 4,628.45 | 1/2 | 4,284.43 | 1/2 | 3,940.42 | 1/2 | 3,596.40 | 1/2 | 3,252.39 | 1/2 | 2,908.12 | 1/2 | 2,564.35 | | |
| 3/4 | 3/4 | 3/4 | 4,899.07 | 3/4 | 4,621.29 | 3/4 | 4,277.27 | 3/4 | 3,933.26 | 3/4 | 3,589.24 | 3/4 | 3,245.22 | 3/4 | 2,900.71 | 3/4 | 2,557.19 | | |
| 6 | | 6 | 4,898.27 | 6 | 4,614.12 | 6 | 4,270.10 | 6 | 3,926.09 | 6 | 3,582.07 | 6 | 3,238.06 | 6 | 2,893.29 | 6 | 2,550.02 | | |
| 1/4 | 1/4 | 1/4 | 4,897.46 | 1/4 | 4,606.95 | 1/4 | 4,262.93 | 1/4 | 3,918.92 | 1/4 | 3,574.90 | 1/4 | 3,230.89 | 1/4 | 2,885.87 | 1/4 | 2,542.85 | | |
| 1/2 | 1/2 | 1/2 | 4,895.51 | 1/2 | 4,599.78 | 1/2 | 4,255.77 | 1/2 | 3,911.75 | 1/2 | 3,567.73 | 1/2 | 3,223.72 | 1/2 | 2,878.95 | 1/2 | 2,535.69 | | |
| 3/4 | 3/4 | 3/4 | 4,893.57 | 3/4 | 4,592.62 | 3/4 | 4,248.60 | 3/4 | 3,904.59 | 3/4 | 3,560.57 | 3/4 | 3,216.56 | 3/4 | 2,872.04 | 3/4 | 2,528.52 | | |
| 7 | | 7 | 4,891.62 | 7 | 4,585.45 | 7 | 4,241.44 | 7 | 3,897.42 | 7 | 3,553.40 | 7 | 3,209.39 | 7 | 2,865.12 | 7 | 2,521.36 | | |
| 1/4 | 1/4 | 1/4 | 4,889.67 | 1/4 | 4,578.28 | 1/4 | 4,234.27 | 1/4 | 3,890.25 | 1/4 | 3,546.23 | 1/4 | 3,202.22 | 1/4 | 2,858.20 | 1/4 | 2,514.19 | | |
| 1/2 | 1/2 | 1/2 | 4,886.42 | 1/2 | 4,571.11 | 1/2 | 4,227.10 | 1/2 | 3,883.08 | 1/2 | 3,539.07 | 1/2 | 3,195.05 | 1/2 | 2,851.03 | 1/2 | 2,507.02 | | |
| 3/4 | 3/4 | 3/4 | 4,883.16 | 3/4 | 4,563.95 | 3/4 | 4,219.94 | 3/4 | 3,875.92 | 3/4 | 3,531.90 | 3/4 | 3,187.89 | 3/4 | 2,843.87 | 3/4 | 2,499.86 | | |
| 8 | | 8 | 4,879.91 | 8 | 4,556.78 | 8 | 4,212.77 | 8 | 3,868.75 | 8 | 3,524.74 | 8 | 3,180.72 | 8 | 2,836.70 | 8 | 2,492.69 | | |
| 1/4 | 1/4 | 1/4 | 4,876.65 | 1/4 | 4,549.61 | 1/4 | 4,205.60 | 1/4 | 3,861.58 | 1/4 | 3,517.57 | 1/4 | 3,173.55 | 1/4 | 2,829.53 | 1/4 | 2,485.52 | | |
| 1/2 | 1/2 | 1/2 | 4,872.10 | 1/2 | 4,542.45 | 1/2 | 4,198.43 | 1/2 | 3,854.41 | 1/2 | 3,510.40 | 1/2 | 3,166.38 | 1/2 | 2,822.37 | 1/2 | 2,478.35 | | |
| 3/4 | 3/4 | 3/4 | 4,867.54 | 3/4 | 4,535.28 | 3/4 | 4,191.27 | 3/4 | 3,847.25 | 3/4 | 3,503.24 | 3/4 | 3,159.22 | 3/4 | 2,815.20 | 3/4 | 2,471.19 | | |
| 9 | | 9 | 4,862.99 | 9 | 4,528.12 | 9 | 4,184.10 | 9 | 3,840.08 | 9 | 3,496.07 | 9 | 3,152.05 | 9 | 2,808.04 | 9 | 2,464.02 | | |
| 1/4 | 1/4 | 1/4 | 4,858.43 | 1/4 | 4,520.95 | 1/4 | 4,176.93 | 1/4 | 3,832.91 | 1/4 | 3,488.90 | 1/4 | 3,144.88 | 1/4 | 2,800.87 | 1/4 | 2,456.85 | | |
| 1/2 | 1/2 | 1/2 | 4,852.57 | 1/2 | 4,513.78 | 1/2 | 4,169.76 | 1/2 | 3,825.75 | 1/2 | 3,481.73 | 1/2 | 3,137.71 | 1/2 | 2,793.70 | 1/2 | 2,449.68 | | |
| 3/4 | 3/4 | 3/4 | 4,846.71 | 3/4 | 4,506.62 | 3/4 | 4,162.60 | 3/4 | 3,818.58 | 3/4 | 3,474.57 | 3/4 | 3,130.55 | 3/4 | 2,786.54 | 3/4 | 2,442.52 | | |
| 10 | | 10 | 4,840.85 | 10 | 4,499.45 | 10 | 4,155.43 | 10 | 3,811.42 | 10 | 3,467.40 | 10 | 3,123.38 | 10 | 2,779.37 | 10 | 2,435.35 | | |
| 1/4 | 1/4 | 1/4 | 4,834.99 | 1/4 | 4,492.28 | 1/4 | 4,148.26 | 1/4 | 3,804.25 | 1/4 | 3,460.23 | 1/4 | 3,116.21 | 1/4 | 2,772.20 | 1/4 | 2,428.18 | | |
| 1/2 | 1/2 | 1/2 | 4,828.15 | 1/2 | 4,485.11 | 1/2 | 4,141.09 | 1/2 | 3,797.08 | 1/2 | 3,453.06 | 1/2 | 3,109.05 | 1/2 | 2,765.03 | 1/2 | 2,421.01 | | |
| 3/4 | 3/4 | 3/4 | 4,821.31 | 3/4 | 4,477.95 | 3/4 | 4,133.93 | 3/4 | 3,789.92 | 3/4 | 3,445.90 | 3/4 | 3,101.88 | 3/4 | 2,757.87 | 3/4 | 2,413.85 | | |
| 11 | | 11 | 4,814.47 | 11 | 4,470.78 | 11 | 4,126.76 | 11 | 3,782.75 | 11 | 3,438.73 | 11 | 3,094.72 | 11 | 2,750.70 | 11 | 2,406.68 | | |
| 1/4 | 1/4 | 1/4 | 4,807.63 | 1/4 | 4,463.61 | 1/4 | 4,119.59 | 1/4 | 3,775.58 | 1/4 | 3,431.56 | 1/4 | 3,087.55 | 1/4 | 2,743.53 | 1/4 | 2,399.51 | | |
| 1/2 | 1/2 | 1/2 | 4,800.46 | 1/2 | 4,456.44 | 1/2 | 4,112.43 | 1/2 | 3,768.41 | 1/2 | 3,424.39 | 1/2 | 3,080.38 | 1/2 | 2,736.36 | 1/2 | 2,392.35 | | |
| 3/4 | 3/4 | 3/4 | 4,793.30 | 3/4 | 4,449.28 | 3/4 | 4,105.26 | 3/4 | 3,761.25 | 3/4 | 3,417.23 | 3/4 | 3,073.22 | 3/4 | 2,729.20 | 3/4 | 2,385.18 | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 36'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30073"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 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 | 2,378.02 | 0 | 2,034.00 | 0 | 1,689.98 | 0 | 1,345.97 | 0 | 1,002.60 | 0 | 659.67 | 0 | 315.66 | 0 | | 0 | | 0 | |
| 1/4 | 2,370.85 | 1/4 | 2,026.83 | 1/4 | 1,682.81 | 1/4 | 1,338.80 | 1/4 | 995.46 | 1/4 | 652.50 | 1/4 | 308.49 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,363.68 | 1/2 | 2,019.66 | 1/2 | 1,675.65 | 1/2 | 1,331.63 | 1/2 | 988.33 | 1/2 | 645.33 | 1/2 | 301.32 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,356.52 | 3/4 | 2,012.50 | 3/4 | 1,668.48 | 3/4 | 1,324.47 | 3/4 | 981.19 | 3/4 | 638.17 | 3/4 | 294.16 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 1 | 2,349.35 | 1 | 2,005.33 | 1 | 1,661.32 | 1 | 1,317.30 | 1 | 974.06 | 1 | 631.00 | 1 | 286.99 | 1 | 1 | | 1 | | 1 |
| 1/4 | 2,342.18 | 1/4 | 1,998.16 | 1/4 | 1,654.15 | 1/4 | 1,310.13 | 1/4 | 966.92 | 1/4 | 623.83 | 1/4 | 279.82 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,335.01 | 1/2 | 1,990.99 | 1/2 | 1,646.98 | 1/2 | 1,302.96 | 1/2 | 959.79 | 1/2 | 616.67 | 1/2 | 272.65 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,327.85 | 3/4 | 1,983.83 | 3/4 | 1,639.82 | 3/4 | 1,295.80 | 3/4 | 952.65 | 3/4 | 609.50 | 3/4 | 265.49 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 2 | 2,320.68 | 2 | 1,976.66 | 2 | 1,632.65 | 2 | 1,288.63 | 2 | 945.52 | 2 | 602.34 | 2 | 258.32 | 2 | 2 | | 2 | | 2 |
| 1/4 | 2,313.51 | 1/4 | 1,969.49 | 1/4 | 1,625.48 | 1/4 | 1,281.46 | 1/4 | 938.38 | 1/4 | 595.17 | 1/4 | 251.15 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,306.34 | 1/2 | 1,962.33 | 1/2 | 1,618.31 | 1/2 | 1,274.29 | 1/2 | 931.24 | 1/2 | 588.00 | 1/2 | 243.98 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,299.18 | 3/4 | 1,955.16 | 3/4 | 1,611.15 | 3/4 | 1,267.13 | 3/4 | 924.11 | 3/4 | 580.84 | 3/4 | 236.82 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 3 | 2,292.01 | 3 | 1,948.00 | 3 | 1,603.98 | 3 | 1,259.96 | 3 | 916.97 | 3 | 573.67 | 3 | 229.65 | 3 | 3 | | 3 | | 3 |
| 1/4 | 2,284.84 | 1/4 | 1,940.83 | 1/4 | 1,596.81 | 1/4 | 1,252.79 | 1/4 | 909.83 | 1/4 | 566.50 | 1/4 | 222.48 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,277.67 | 1/2 | 1,933.66 | 1/2 | 1,589.64 | 1/2 | 1,245.63 | 1/2 | 902.70 | 1/2 | 559.33 | 1/2 | 215.31 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,270.51 | 3/4 | 1,926.50 | 3/4 | 1,582.48 | 3/4 | 1,238.46 | 3/4 | 895.56 | 3/4 | 552.17 | 3/4 | 208.15 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 4 | 2,263.34 | 4 | 1,919.33 | 4 | 1,575.31 | 4 | 1,231.30 | 4 | 888.43 | 4 | 545.00 | 4 | 200.98 | 4 | 4 | | 4 | | 4 |
| 1/4 | 2,256.17 | 1/4 | 1,912.16 | 1/4 | 1,568.14 | 1/4 | 1,224.13 | 1/4 | 881.29 | 1/4 | 537.83 | 1/4 | 193.81 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,249.01 | 1/2 | 1,904.99 | 1/2 | 1,560.97 | 1/2 | 1,216.96 | 1/2 | 874.15 | 1/2 | 530.66 | 1/2 | 186.65 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,241.84 | 3/4 | 1,897.83 | 3/4 | 1,553.81 | 3/4 | 1,209.80 | 3/4 | 867.02 | 3/4 | 523.50 | 3/4 | 179.48 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 5 | 2,234.68 | 5 | 1,890.66 | 5 | 1,546.64 | 5 | 1,202.63 | 5 | 859.88 | 5 | 516.33 | 5 | 172.32 | 5 | 5 | | 5 | | 5 |
| 1/4 | 2,227.51 | 1/4 | 1,883.49 | 1/4 | 1,539.47 | 1/4 | 1,195.46 | 1/4 | 852.74 | 1/4 | 509.16 | 1/4 | 165.15 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,220.34 | 1/2 | 1,876.32 | 1/2 | 1,532.31 | 1/2 | 1,188.29 | 1/2 | 845.61 | 1/2 | 501.99 | 1/2 | 157.98 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,213.18 | 3/4 | 1,869.16 | 3/4 | 1,525.14 | 3/4 | 1,181.13 | 3/4 | 838.47 | 3/4 | 494.83 | 3/4 | 150.82 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 6 | 2,206.01 | 6 | 1,861.99 | 6 | 1,517.98 | 6 | 1,173.96 | 6 | 831.34 | 6 | 487.66 | 6 | 143.65 | 6 | 6 | | 6 | | 6 |
| 1/4 | 2,198.84 | 1/4 | 1,854.82 | 1/4 | 1,510.81 | 1/4 | 1,166.79 | 1/4 | 824.20 | 1/4 | 480.49 | 1/4 | 136.48 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,191.67 | 1/2 | 1,847.65 | 1/2 | 1,503.64 | 1/2 | 1,159.64 | 1/2 | 817.07 | 1/2 | 473.33 | 1/2 | 129.31 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,184.51 | 3/4 | 1,840.49 | 3/4 | 1,496.48 | 3/4 | 1,152.49 | 3/4 | 809.93 | 3/4 | 466.16 | 3/4 | 122.15 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 7 | 2,177.34 | 7 | 1,833.32 | 7 | 1,489.31 | 7 | 1,145.33 | 7 | 802.80 | 7 | 459.00 | 7 | 114.98 | 7 | 7 | | 7 | | 7 |
| 1/4 | 2,170.17 | 1/4 | 1,826.15 | 1/4 | 1,482.14 | 1/4 | 1,138.18 | 1/4 | 795.66 | 1/4 | 451.83 | 1/4 | 107.81 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,163.00 | 1/2 | 1,818.99 | 1/2 | 1,474.97 | 1/2 | 1,131.05 | 1/2 | 788.52 | 1/2 | 444.66 | 1/2 | 100.64 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,155.84 | 3/4 | 1,811.82 | 3/4 | 1,467.81 | 3/4 | 1,123.91 | 3/4 | 781.39 | 3/4 | 437.50 | 3/4 | 93.48 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 8 | 2,148.67 | 8 | 1,804.66 | 8 | 1,460.64 | 8 | 1,116.78 | 8 | 774.25 | 8 | 430.33 | 8 | 86.31 | 8 | 8 | | 8 | | 8 |
| 1/4 | 2,141.50 | 1/4 | 1,797.49 | 1/4 | 1,453.47 | 1/4 | 1,109.64 | 1/4 | 767.11 | 1/4 | 423.16 | 1/4 | 79.14 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,134.33 | 1/2 | 1,790.32 | 1/2 | 1,446.30 | 1/2 | 1,102.51 | 1/2 | 759.96 | 1/2 | 415.99 | 1/2 | 72.99 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,127.17 | 3/4 | 1,783.16 | 3/4 | 1,439.14 | 3/4 | 1,095.37 | 3/4 | 752.81 | 3/4 | 408.83 | 3/4 | 66.44 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 9 | 2,120.00 | 9 | 1,775.99 | 9 | 1,431.97 | 9 | 1,088.24 | 9 | 745.66 | 9 | 401.66 | 9 | 60.09 | 9 | 9 | | 9 | | 9 |
| 1/4 | 2,112.83 | 1/4 | 1,768.82 | 1/4 | 1,424.80 | 1/4 | 1,081.10 | 1/4 | 738.51 | 1/4 | 394.49 | 1/4 | 53.74 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,105.67 | 1/2 | 1,761.65 | 1/2 | 1,417.63 | 1/2 | 1,073.96 | 1/2 | 731.34 | 1/2 | 387.32 | 1/2 | 48.53 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,098.50 | 3/4 | 1,754.49 | 3/4 | 1,410.47 | 3/4 | 1,066.83 | 3/4 | 724.18 | 3/4 | 380.16 | 3/4 | 43.32 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 10 | 2,091.34 | 10 | 1,747.32 | 10 | 1,403.30 | 10 | 1,059.69 | 10 | 717.01 | 10 | 372.99 | 10 | 38.11 | 10 | 10 | | 10 | | 10 |
| 1/4 | 2,084.17 | 1/4 | 1,740.15 | 1/4 | 1,396.13 | 1/4 | 1,052.55 | 1/4 | 709.84 | 1/4 | 365.82 | 1/4 | 32.90 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,077.00 | 1/2 | 1,732.98 | 1/2 | 1,388.97 | 1/2 | 1,045.42 | 1/2 | 702.67 | 1/2 | 358.65 | 1/2 | 29.00 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,069.84 | 3/4 | 1,725.82 | 3/4 | 1,381.80 | 3/4 | 1,038.28 | 3/4 | 695.51 | 3/4 | 351.49 | 3/4 | 25.09 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 11 | 2,062.67 | 11 | 1,718.65 | 11 | 1,374.64 | 11 | 1,031.15 | 11 | 688.34 | 11 | 344.32 | 11 | 21.19 | 11 | 11 | | 11 | | 11 |
| 1/4 | 2,055.50 | 1/4 | 1,711.48 | 1/4 | 1,367.47 | 1/4 | 1,024.01 | 1/4 | 681.17 | 1/4 | 337.15 | 1/4 | 17.28 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,048.33 | 1/2 | 1,704.31 | 1/2 | 1,360.30 | 1/2 | 1,016.87 | 1/2 | 674.00 | 1/2 | 329.99 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,041.17 | 3/4 | 1,697.15 | 3/4 | 1,353.14 | 3/4 | 1,009.74 | 3/4 | 666.84 | 3/4 | 322.82 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/26/2000 INSP.
RECALCULATED: 05/07/2020 PMA
NAME CHANGE: 05/07/2020

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BARGE "KIRBY 30073"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | | |
|-----------|-----------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|-----------|-----------------|----------|-----------------|----|---|
| IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 |
| | | | | | | | 4,786.13 | | 4,442.11 | | 4,098.10 | | 3,754.08 | | 3,410.06 | | 3,066.05 | | 2,722.03 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,778.96 | 1/4 | 4,434.94 | 1/4 | 4,090.93 | 1/4 | 3,746.91 | 1/4 | 3,402.89 | 1/4 | 3,058.88 | 1/4 | 2,714.86 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,771.79 | 1/2 | 4,427.77 | 1/2 | 4,083.76 | 1/2 | 3,739.74 | 1/2 | 3,395.73 | 1/2 | 3,051.71 | 1/2 | 2,707.69 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,764.63 | 3/4 | 4,420.61 | 3/4 | 4,076.60 | 3/4 | 3,732.58 | 3/4 | 3,388.56 | 3/4 | 3,044.55 | 3/4 | 2,700.53 | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4,757.46 | 1 | 4,413.44 | 1 | 4,069.43 | 1 | 3,725.41 | 1 | 3,381.40 | 1 | 3,037.38 | 1 | 2,693.36 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,750.29 | 1/4 | 4,406.27 | 1/4 | 4,062.26 | 1/4 | 3,718.24 | 1/4 | 3,374.23 | 1/4 | 3,030.21 | 1/4 | 2,686.19 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,743.12 | 1/2 | 4,399.11 | 1/2 | 4,055.09 | 1/2 | 3,711.07 | 1/2 | 3,367.06 | 1/2 | 3,023.04 | 1/2 | 2,679.03 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,735.96 | 3/4 | 4,391.94 | 3/4 | 4,047.93 | 3/4 | 3,703.91 | 3/4 | 3,359.90 | 3/4 | 3,015.88 | 3/4 | 2,671.86 | | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4,728.79 | 2 | 4,384.78 | 2 | 4,040.76 | 2 | 3,696.74 | 2 | 3,352.73 | 2 | 3,008.71 | 2 | 2,664.70 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,721.62 | 1/4 | 4,377.61 | 1/4 | 4,033.59 | 1/4 | 3,689.57 | 1/4 | 3,345.56 | 1/4 | 3,001.54 | 1/4 | 2,657.53 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,714.45 | 1/2 | 4,370.44 | 1/2 | 4,026.42 | 1/2 | 3,682.41 | 1/2 | 3,338.39 | 1/2 | 2,994.37 | 1/2 | 2,650.36 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,707.29 | 3/4 | 4,363.28 | 3/4 | 4,019.26 | 3/4 | 3,675.24 | 3/4 | 3,331.23 | 3/4 | 2,987.21 | 3/4 | 2,643.20 | | |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4,700.12 | 3 | 4,356.11 | 3 | 4,012.09 | 3 | 3,668.08 | 3 | 3,324.06 | 3 | 2,980.04 | 3 | 2,636.03 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,692.95 | 1/4 | 4,348.94 | 1/4 | 4,004.92 | 1/4 | 3,660.91 | 1/4 | 3,316.89 | 1/4 | 2,972.87 | 1/4 | 2,628.86 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,685.79 | 1/2 | 4,341.77 | 1/2 | 3,997.75 | 1/2 | 3,653.74 | 1/2 | 3,309.72 | 1/2 | 2,965.71 | 1/2 | 2,621.69 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,678.62 | 3/4 | 4,334.61 | 3/4 | 3,990.59 | 3/4 | 3,646.58 | 3/4 | 3,302.56 | 3/4 | 2,958.54 | 3/4 | 2,614.53 | | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4,671.46 | 4 | 4,327.44 | 4 | 3,983.42 | 4 | 3,639.41 | 4 | 3,295.39 | 4 | 2,951.38 | 4 | 2,607.36 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,664.29 | 1/4 | 4,320.27 | 1/4 | 3,976.25 | 1/4 | 3,632.24 | 1/4 | 3,288.22 | 1/4 | 2,944.21 | 1/4 | 2,600.19 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,657.12 | 1/2 | 4,313.10 | 1/2 | 3,969.09 | 1/2 | 3,625.07 | 1/2 | 3,281.05 | 1/2 | 2,937.04 | 1/2 | 2,593.02 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,649.96 | 3/4 | 4,305.94 | 3/4 | 3,961.92 | 3/4 | 3,617.91 | 3/4 | 3,273.89 | 3/4 | 2,929.88 | 3/4 | 2,585.86 | | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4,642.79 | 5 | 4,298.77 | 5 | 3,954.76 | 5 | 3,610.74 | 5 | 3,266.72 | 5 | 2,922.71 | 5 | 2,578.69 | | |
| 1/4 | 1/4 | 1/4 | 4,900.68 | 1/4 | 4,635.62 | 1/4 | 4,291.60 | 1/4 | 3,947.59 | 1/4 | 3,603.57 | 1/4 | 3,259.55 | 1/4 | 2,915.54 | 1/4 | 2,571.52 | | | | |
| 1/2 | 1/2 | 1/2 | 4,899.88 | 1/2 | 4,628.45 | 1/2 | 4,284.43 | 1/2 | 3,940.42 | 1/2 | 3,596.40 | 1/2 | 3,252.39 | 1/2 | 2,908.12 | 1/2 | 2,564.35 | | | | |
| 3/4 | 3/4 | 3/4 | 4,899.07 | 3/4 | 4,621.29 | 3/4 | 4,277.27 | 3/4 | 3,933.26 | 3/4 | 3,589.24 | 3/4 | 3,245.22 | 3/4 | 2,900.71 | 3/4 | 2,557.19 | | | | |
| 6 | 6 | 6 | 4,898.27 | 6 | 4,614.12 | 6 | 4,270.10 | 6 | 3,926.09 | 6 | 3,582.07 | 6 | 3,238.06 | 6 | 2,893.29 | 6 | 2,550.02 | | | | |
| 1/4 | 1/4 | 1/4 | 4,897.46 | 1/4 | 4,606.95 | 1/4 | 4,262.93 | 1/4 | 3,918.92 | 1/4 | 3,574.90 | 1/4 | 3,230.89 | 1/4 | 2,885.87 | 1/4 | 2,542.85 | | | | |
| 1/2 | 1/2 | 1/2 | 4,895.51 | 1/2 | 4,599.78 | 1/2 | 4,255.77 | 1/2 | 3,911.75 | 1/2 | 3,567.73 | 1/2 | 3,223.72 | 1/2 | 2,878.95 | 1/2 | 2,535.69 | | | | |
| 3/4 | 3/4 | 3/4 | 4,893.57 | 3/4 | 4,592.62 | 3/4 | 4,248.60 | 3/4 | 3,904.59 | 3/4 | 3,560.57 | 3/4 | 3,216.56 | 3/4 | 2,872.04 | 3/4 | 2,528.52 | | | | |
| 7 | 7 | 7 | 4,891.62 | 7 | 4,585.45 | 7 | 4,241.44 | 7 | 3,897.42 | 7 | 3,553.40 | 7 | 3,209.39 | 7 | 2,865.12 | 7 | 2,521.36 | | | | |
| 1/4 | 1/4 | 1/4 | 4,889.67 | 1/4 | 4,578.28 | 1/4 | 4,234.27 | 1/4 | 3,890.25 | 1/4 | 3,546.23 | 1/4 | 3,202.22 | 1/4 | 2,858.20 | 1/4 | 2,514.19 | | | | |
| 1/2 | 1/2 | 1/2 | 4,886.42 | 1/2 | 4,571.11 | 1/2 | 4,227.10 | 1/2 | 3,883.08 | 1/2 | 3,539.07 | 1/2 | 3,195.05 | 1/2 | 2,851.03 | 1/2 | 2,507.02 | | | | |
| 3/4 | 3/4 | 3/4 | 4,883.16 | 3/4 | 4,563.95 | 3/4 | 4,219.94 | 3/4 | 3,875.92 | 3/4 | 3,531.90 | 3/4 | 3,187.89 | 3/4 | 2,843.87 | 3/4 | 2,499.86 | | | | |
| 8 | 8 | 8 | 4,879.91 | 8 | 4,556.78 | 8 | 4,212.77 | 8 | 3,868.75 | 8 | 3,524.74 | 8 | 3,180.72 | 8 | 2,836.70 | 8 | 2,492.69 | | | | |
| 1/4 | 1/4 | 1/4 | 4,876.65 | 1/4 | 4,549.61 | 1/4 | 4,205.60 | 1/4 | 3,861.58 | 1/4 | 3,517.57 | 1/4 | 3,173.55 | 1/4 | 2,829.53 | 1/4 | 2,485.52 | | | | |
| 1/2 | 1/2 | 1/2 | 4,872.10 | 1/2 | 4,542.45 | 1/2 | 4,198.43 | 1/2 | 3,854.41 | 1/2 | 3,510.40 | 1/2 | 3,166.38 | 1/2 | 2,822.37 | 1/2 | 2,478.35 | | | | |
| 3/4 | 3/4 | 3/4 | 4,867.54 | 3/4 | 4,535.28 | 3/4 | 4,191.27 | 3/4 | 3,847.25 | 3/4 | 3,503.24 | 3/4 | 3,159.22 | 3/4 | 2,815.20 | 3/4 | 2,471.19 | | | | |
| 9 | 9 | 9 | 4,862.99 | 9 | 4,528.12 | 9 | 4,184.10 | 9 | 3,840.08 | 9 | 3,496.07 | 9 | 3,152.05 | 9 | 2,808.04 | 9 | 2,464.02 | | | | |
| 1/4 | 1/4 | 1/4 | 4,858.43 | 1/4 | 4,520.95 | 1/4 | 4,176.93 | 1/4 | 3,832.91 | 1/4 | 3,488.90 | 1/4 | 3,144.88 | 1/4 | 2,800.87 | 1/4 | 2,456.85 | | | | |
| 1/2 | 1/2 | 1/2 | 4,852.57 | 1/2 | 4,513.78 | 1/2 | 4,169.76 | 1/2 | 3,825.75 | 1/2 | 3,481.73 | 1/2 | 3,137.71 | 1/2 | 2,793.70 | 1/2 | 2,449.68 | | | | |
| 3/4 | 3/4 | 3/4 | 4,846.71 | 3/4 | 4,506.62 | 3/4 | 4,162.60 | 3/4 | 3,818.58 | 3/4 | 3,474.57 | 3/4 | 3,130.55 | 3/4 | 2,786.54 | 3/4 | 2,442.52 | | | | |
| 10 | 10 | 10 | 4,840.85 | 10 | 4,499.45 | 10 | 4,155.43 | 10 | 3,811.42 | 10 | 3,467.40 | 10 | 3,123.38 | 10 | 2,779.37 | 10 | 2,435.35 | | | | |
| 1/4 | 1/4 | 1/4 | 4,834.99 | 1/4 | 4,492.28 | 1/4 | 4,148.26 | 1/4 | 3,804.25 | 1/4 | 3,460.23 | 1/4 | 3,116.21 | 1/4 | 2,772.20 | 1/4 | 2,428.18 | | | | |
| 1/2 | 1/2 | 1/2 | 4,828.15 | 1/2 | 4,485.11 | 1/2 | 4,141.09 | 1/2 | 3,797.08 | 1/2 | 3,453.06 | 1/2 | 3,109.05 | 1/2 | 2,765.03 | 1/2 | 2,421.01 | | | | |
| 3/4 | 3/4 | 3/4 | 4,821.31 | 3/4 | 4,477.95 | 3/4 | 4,133.93 | 3/4 | 3,789.92 | 3/4 | 3,445.90 | 3/4 | 3,101.88 | 3/4 | 2,757.87 | 3/4 | 2,413.85 | | | | |
| 11 | 11 | 11 | 4,814.47 | 11 | 4,470.78 | 11 | 4,126.76 | 11 | 3,782.75 | 11 | 3,438.73 | 11 | 3,094.72 | 11 | 2,750.70 | 11 | 2,406.68 | | | | |
| 1/4 | 1/4 | 1/4 | 4,807.63 | 1/4 | 4,463.61 | 1/4 | 4,119.59 | 1/4 | 3,775.58 | 1/4 | 3,431.56 | 1/4 | 3,087.55 | 1/4 | 2,743.53 | 1/4 | 2,399.51 | | | | |
| 1/2 | 1/2 | 1/2 | 4,800.46 | 1/2 | 4,456.44 | 1/2 | 4,112.43 | 1/2 | 3,768.41 | 1/2 | 3,424.39 | 1/2 | 3,080.38 | 1/2 | 2,736.36 | 1/2 | 2,392.35 | | | | |
| 3/4 | 3/4 | 3/4 | 4,793.30 | 3/4 | 4,449.28 | 3/4 | 4,105.26 | 3/4 | 3,761.25 | 3/4 | 3,417.23 | 3/4 | 3,073.22 | 3/4 | 2,729.20 | 3/4 | 2,385.18 | | | | |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 36'-06" 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 30073"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 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 | 2,378.02 | 0 | 2,034.00 | 0 | 1,689.98 | 0 | 1,345.97 | 0 | 1,002.60 | 0 | 659.67 | 0 | 315.66 | 0 | | 0 | | 0 | |
| 1/4 | 2,370.85 | 1/4 | 2,026.83 | 1/4 | 1,682.81 | 1/4 | 1,338.80 | 1/4 | 995.46 | 1/4 | 652.50 | 1/4 | 308.49 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,363.68 | 1/2 | 2,019.66 | 1/2 | 1,675.65 | 1/2 | 1,331.63 | 1/2 | 988.33 | 1/2 | 645.33 | 1/2 | 301.32 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,356.52 | 3/4 | 2,012.50 | 3/4 | 1,668.48 | 3/4 | 1,324.47 | 3/4 | 981.19 | 3/4 | 638.17 | 3/4 | 294.16 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 1 | 2,349.35 | 1 | 2,005.33 | 1 | 1,661.32 | 1 | 1,317.30 | 1 | 974.06 | 1 | 631.00 | 1 | 286.99 | 1 | 1 | | 1 | | 1 |
| 1/4 | 2,342.18 | 1/4 | 1,998.16 | 1/4 | 1,654.15 | 1/4 | 1,310.13 | 1/4 | 966.92 | 1/4 | 623.83 | 1/4 | 279.82 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,335.01 | 1/2 | 1,990.99 | 1/2 | 1,646.98 | 1/2 | 1,302.96 | 1/2 | 959.79 | 1/2 | 616.67 | 1/2 | 272.65 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,327.85 | 3/4 | 1,983.83 | 3/4 | 1,639.82 | 3/4 | 1,295.80 | 3/4 | 952.65 | 3/4 | 609.50 | 3/4 | 265.49 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 2 | 2,320.68 | 2 | 1,976.66 | 2 | 1,632.65 | 2 | 1,288.63 | 2 | 945.52 | 2 | 602.34 | 2 | 258.32 | 2 | 2 | | 2 | | 2 |
| 1/4 | 2,313.51 | 1/4 | 1,969.49 | 1/4 | 1,625.48 | 1/4 | 1,281.46 | 1/4 | 938.38 | 1/4 | 595.17 | 1/4 | 251.15 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,306.34 | 1/2 | 1,962.33 | 1/2 | 1,618.31 | 1/2 | 1,274.29 | 1/2 | 931.24 | 1/2 | 588.00 | 1/2 | 243.98 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,299.18 | 3/4 | 1,955.16 | 3/4 | 1,611.15 | 3/4 | 1,267.13 | 3/4 | 924.11 | 3/4 | 580.84 | 3/4 | 236.82 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 3 | 2,292.01 | 3 | 1,948.00 | 3 | 1,603.98 | 3 | 1,259.96 | 3 | 916.97 | 3 | 573.67 | 3 | 229.65 | 3 | 3 | | 3 | | 3 |
| 1/4 | 2,284.84 | 1/4 | 1,940.83 | 1/4 | 1,596.81 | 1/4 | 1,252.79 | 1/4 | 909.83 | 1/4 | 566.50 | 1/4 | 222.48 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,277.67 | 1/2 | 1,933.66 | 1/2 | 1,589.64 | 1/2 | 1,245.63 | 1/2 | 902.70 | 1/2 | 559.33 | 1/2 | 215.31 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,270.51 | 3/4 | 1,926.50 | 3/4 | 1,582.48 | 3/4 | 1,238.46 | 3/4 | 895.56 | 3/4 | 552.17 | 3/4 | 208.15 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 4 | 2,263.34 | 4 | 1,919.33 | 4 | 1,575.31 | 4 | 1,231.30 | 4 | 888.43 | 4 | 545.00 | 4 | 200.98 | 4 | 4 | | 4 | | 4 |
| 1/4 | 2,256.17 | 1/4 | 1,912.16 | 1/4 | 1,568.14 | 1/4 | 1,224.13 | 1/4 | 881.29 | 1/4 | 537.83 | 1/4 | 193.81 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,249.01 | 1/2 | 1,904.99 | 1/2 | 1,560.97 | 1/2 | 1,216.96 | 1/2 | 874.15 | 1/2 | 530.66 | 1/2 | 186.65 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,241.84 | 3/4 | 1,897.83 | 3/4 | 1,553.81 | 3/4 | 1,209.80 | 3/4 | 867.02 | 3/4 | 523.50 | 3/4 | 179.48 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 5 | 2,234.68 | 5 | 1,890.66 | 5 | 1,546.64 | 5 | 1,202.63 | 5 | 859.88 | 5 | 516.33 | 5 | 172.32 | 5 | 5 | | 5 | | 5 |
| 1/4 | 2,227.51 | 1/4 | 1,883.49 | 1/4 | 1,539.47 | 1/4 | 1,195.46 | 1/4 | 852.74 | 1/4 | 509.16 | 1/4 | 165.15 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,220.34 | 1/2 | 1,876.32 | 1/2 | 1,532.31 | 1/2 | 1,188.29 | 1/2 | 845.61 | 1/2 | 501.99 | 1/2 | 157.98 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,213.18 | 3/4 | 1,869.16 | 3/4 | 1,525.14 | 3/4 | 1,181.13 | 3/4 | 838.47 | 3/4 | 494.83 | 3/4 | 150.82 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 6 | 2,206.01 | 6 | 1,861.99 | 6 | 1,517.98 | 6 | 1,173.96 | 6 | 831.34 | 6 | 487.66 | 6 | 143.65 | 6 | 6 | | 6 | | 6 |
| 1/4 | 2,198.84 | 1/4 | 1,854.82 | 1/4 | 1,510.81 | 1/4 | 1,166.79 | 1/4 | 824.20 | 1/4 | 480.49 | 1/4 | 136.48 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,191.67 | 1/2 | 1,847.65 | 1/2 | 1,503.64 | 1/2 | 1,159.64 | 1/2 | 817.07 | 1/2 | 473.33 | 1/2 | 129.31 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,184.51 | 3/4 | 1,840.49 | 3/4 | 1,496.48 | 3/4 | 1,152.49 | 3/4 | 809.93 | 3/4 | 466.16 | 3/4 | 122.15 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 7 | 2,177.34 | 7 | 1,833.32 | 7 | 1,489.31 | 7 | 1,145.33 | 7 | 802.80 | 7 | 459.00 | 7 | 114.98 | 7 | 7 | | 7 | | 7 |
| 1/4 | 2,170.17 | 1/4 | 1,826.15 | 1/4 | 1,482.14 | 1/4 | 1,138.18 | 1/4 | 795.66 | 1/4 | 451.83 | 1/4 | 107.81 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,163.00 | 1/2 | 1,818.99 | 1/2 | 1,474.97 | 1/2 | 1,131.05 | 1/2 | 788.52 | 1/2 | 444.66 | 1/2 | 100.64 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,155.84 | 3/4 | 1,811.82 | 3/4 | 1,467.81 | 3/4 | 1,123.91 | 3/4 | 781.39 | 3/4 | 437.50 | 3/4 | 93.48 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 8 | 2,148.67 | 8 | 1,804.66 | 8 | 1,460.64 | 8 | 1,116.78 | 8 | 774.25 | 8 | 430.33 | 8 | 86.31 | 8 | 8 | | 8 | | 8 |
| 1/4 | 2,141.50 | 1/4 | 1,797.49 | 1/4 | 1,453.47 | 1/4 | 1,109.64 | 1/4 | 767.11 | 1/4 | 423.16 | 1/4 | 79.14 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,134.33 | 1/2 | 1,790.32 | 1/2 | 1,446.30 | 1/2 | 1,102.51 | 1/2 | 759.96 | 1/2 | 415.99 | 1/2 | 72.99 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,127.17 | 3/4 | 1,783.16 | 3/4 | 1,439.14 | 3/4 | 1,095.37 | 3/4 | 752.81 | 3/4 | 408.83 | 3/4 | 66.44 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 9 | 2,120.00 | 9 | 1,775.99 | 9 | 1,431.97 | 9 | 1,088.24 | 9 | 745.66 | 9 | 401.66 | 9 | 60.09 | 9 | 9 | | 9 | | 9 |
| 1/4 | 2,112.83 | 1/4 | 1,768.82 | 1/4 | 1,424.80 | 1/4 | 1,081.10 | 1/4 | 738.51 | 1/4 | 394.49 | 1/4 | 53.74 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,105.67 | 1/2 | 1,761.65 | 1/2 | 1,417.63 | 1/2 | 1,073.96 | 1/2 | 731.34 | 1/2 | 387.32 | 1/2 | 48.53 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,098.50 | 3/4 | 1,754.49 | 3/4 | 1,410.47 | 3/4 | 1,066.83 | 3/4 | 724.18 | 3/4 | 380.16 | 3/4 | 43.32 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 10 | 2,091.34 | 10 | 1,747.32 | 10 | 1,403.30 | 10 | 1,059.69 | 10 | 717.01 | 10 | 372.99 | 10 | 38.11 | 10 | 10 | | 10 | | 10 |
| 1/4 | 2,084.17 | 1/4 | 1,740.15 | 1/4 | 1,396.13 | 1/4 | 1,052.55 | 1/4 | 709.84 | 1/4 | 365.82 | 1/4 | 32.90 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,077.00 | 1/2 | 1,732.98 | 1/2 | 1,388.97 | 1/2 | 1,045.42 | 1/2 | 702.67 | 1/2 | 358.65 | 1/2 | 29.00 | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,069.84 | 3/4 | 1,725.82 | 3/4 | 1,381.80 | 3/4 | 1,038.28 | 3/4 | 695.51 | 3/4 | 351.49 | 3/4 | 25.09 | 3/4 | 3/4 | | 3/4 | | 3/4 |
| 11 | 2,062.67 | 11 | 1,718.65 | 11 | 1,374.64 | 11 | 1,031.15 | 11 | 688.34 | 11 | 344.32 | 11 | 21.19 | 11 | 11 | | 11 | | 11 |
| 1/4 | 2,055.50 | 1/4 | 1,711.48 | 1/4 | 1,367.47 | 1/4 | 1,024.01 | 1/4 | 681.17 | 1/4 | 337.15 | 1/4 | 17.28 | 1/4 | 1/4 | | 1/4 | | 1/4 |
| 1/2 | 2,048.33 | 1/2 | 1,704.31 | 1/2 | 1,360.30 | 1/2 | 1,016.87 | 1/2 | 674.00 | 1/2 | 329.99 | 1/2 | | 1/2 | 1/2 | | 1/2 | | 1/2 |
| 3/4 | 2,041.17 | 3/4 | 1,697.15 | 3/4 | 1,353.14 | 3/4 | 1,009.74 | 3/4 | 666.84 | 3/4 | 322.82 | 3/4 | | 3/4 | 3/4 | | 3/4 | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/26/2000 INSP.
RECALCULATED: 05/07/2020 PMA
NAME CHANGE: 05/07/2020

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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



BARGE "KIRBY 30073"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|---|-------|---|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,550.41 | 1/4 | 4,310.99 | 1/4 | 4,071.57 | 1/4 | 3,832.14 | 1/4 | 3,592.72 | 1/4 | 3,264.84 | 1/4 | 2,900.42 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,545.42 | 1/2 | 4,306.00 | 1/2 | 4,066.58 | 1/2 | 3,827.15 | 1/2 | 3,587.73 | 1/2 | 3,257.25 | 1/2 | 2,892.83 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,540.43 | 3/4 | 4,301.01 | 3/4 | 4,061.59 | 3/4 | 3,822.16 | 3/4 | 3,582.69 | 3/4 | 3,249.66 | 3/4 | 2,885.24 |
| 1 | | 1 | | 1 | | 1 | 4,535.45 | 1 | 4,296.03 | 1 | 4,056.60 | 1 | 3,817.17 | 1 | 3,577.64 | 1 | 3,242.06 | 1 | 2,877.64 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,530.46 | 1/4 | 4,291.04 | 1/4 | 4,051.61 | 1/4 | 3,812.19 | 1/4 | 3,572.60 | 1/4 | 3,237.47 | 1/4 | 2,870.05 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,525.47 | 1/2 | 4,286.05 | 1/2 | 4,046.62 | 1/2 | 3,807.20 | 1/2 | 3,567.56 | 1/2 | 3,226.88 | 1/2 | 2,862.46 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,520.48 | 3/4 | 4,281.06 | 3/4 | 4,041.63 | 3/4 | 3,802.21 | 3/4 | 3,562.10 | 3/4 | 3,219.29 | 3/4 | 2,854.87 |
| 2 | | 2 | | 2 | | 2 | 4,515.50 | 2 | 4,276.08 | 2 | 4,036.64 | 2 | 3,797.22 | 2 | 3,556.64 | 2 | 3,211.69 | 2 | 2,847.28 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,510.51 | 1/4 | 4,271.09 | 1/4 | 4,031.66 | 1/4 | 3,792.24 | 1/4 | 3,551.19 | 1/4 | 3,204.10 | 1/4 | 2,839.69 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,505.52 | 1/2 | 4,266.10 | 1/2 | 4,026.67 | 1/2 | 3,787.25 | 1/2 | 3,545.73 | 1/2 | 3,196.51 | 1/2 | 2,832.10 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,500.53 | 3/4 | 4,261.11 | 3/4 | 4,021.68 | 3/4 | 3,782.26 | 3/4 | 3,539.80 | 3/4 | 3,188.92 | 3/4 | 2,824.51 |
| 3 | | 3 | | 3 | | 3 | 4,495.55 | 3 | 4,256.12 | 3 | 4,016.69 | 3 | 3,777.27 | 3 | 3,533.87 | 3 | 3,181.32 | 3 | 2,816.91 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,490.56 | 1/4 | 4,251.13 | 1/4 | 4,011.71 | 1/4 | 3,772.29 | 1/4 | 3,527.94 | 1/4 | 3,173.73 | 1/4 | 2,809.32 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,485.57 | 1/2 | 4,246.14 | 1/2 | 4,006.72 | 1/2 | 3,767.30 | 1/2 | 3,522.01 | 1/2 | 3,166.14 | 1/2 | 2,801.73 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,480.58 | 3/4 | 4,241.15 | 3/4 | 4,001.73 | 3/4 | 3,762.31 | 3/4 | 3,515.61 | 3/4 | 3,158.55 | 3/4 | 2,794.14 |
| 4 | | 4 | | 4 | | 4 | 4,475.60 | 4 | 4,236.17 | 4 | 3,996.74 | 4 | 3,757.32 | 4 | 3,509.20 | 4 | 3,150.96 | 4 | 2,786.54 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,470.61 | 1/4 | 4,231.18 | 1/4 | 3,991.76 | 1/4 | 3,752.33 | 1/4 | 3,502.80 | 1/4 | 3,143.37 | 1/4 | 2,778.95 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,465.62 | 1/2 | 4,226.19 | 1/2 | 3,986.77 | 1/2 | 3,747.34 | 1/2 | 3,496.40 | 1/2 | 3,135.78 | 1/2 | 2,771.36 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,460.63 | 3/4 | 4,221.20 | 3/4 | 3,981.78 | 3/4 | 3,742.35 | 3/4 | 3,489.52 | 3/4 | 3,128.19 | 3/4 | 2,763.77 |
| 5 | | 5 | | 5 | | 5 | 4,455.64 | 5 | 4,216.22 | 5 | 3,976.79 | 5 | 3,737.36 | 5 | 3,482.64 | 5 | 3,120.59 | 5 | 2,756.17 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,450.65 | 1/4 | 4,211.23 | 1/4 | 3,971.81 | 1/4 | 3,732.38 | 1/4 | 3,475.76 | 1/4 | 3,113.00 | 1/4 | 2,748.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,445.66 | 1/2 | 4,206.24 | 1/2 | 3,966.82 | 1/2 | 3,727.39 | 1/2 | 3,468.88 | 1/2 | 3,105.41 | 1/2 | 2,740.99 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,440.67 | 3/4 | 4,201.25 | 3/4 | 3,961.83 | 3/4 | 3,722.40 | 3/4 | 3,461.52 | 3/4 | 3,097.82 | 3/4 | 2,733.40 |
| 6 | | 6 | | 6 | 4,620.15 | 6 | 4,435.69 | 6 | 4,196.27 | 6 | 3,956.84 | 6 | 3,717.41 | 6 | 3,454.17 | 6 | 3,090.22 | 6 | 2,725.80 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,619.94 | 1/4 | 4,430.70 | 1/4 | 4,191.28 | 1/4 | 3,951.85 | 1/4 | 3,712.43 | 1/4 | 3,446.81 | 1/4 | 3,082.63 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,619.72 | 1/2 | 4,425.71 | 1/2 | 4,186.29 | 1/2 | 3,946.86 | 1/2 | 3,707.44 | 1/2 | 3,439.46 | 1/2 | 3,075.04 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,618.82 | 3/4 | 4,420.72 | 3/4 | 4,181.30 | 3/4 | 3,941.87 | 3/4 | 3,702.45 | 3/4 | 3,431.87 | 3/4 | 3,067.45 |
| 7 | | 7 | | 7 | | 7 | 4,617.92 | 7 | 4,415.74 | 7 | 4,176.32 | 7 | 3,936.88 | 7 | 3,697.46 | 7 | 3,424.27 | 7 | 3,059.85 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,617.02 | 1/4 | 4,410.75 | 1/4 | 4,171.33 | 1/4 | 3,931.90 | 1/4 | 3,692.48 | 1/4 | 3,416.68 | 1/4 | 3,052.26 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,616.12 | 1/2 | 4,405.76 | 1/2 | 4,166.34 | 1/2 | 3,926.91 | 1/2 | 3,687.49 | 1/2 | 3,409.09 | 1/2 | 3,044.67 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,614.31 | 3/4 | 4,400.77 | 3/4 | 4,161.35 | 3/4 | 3,921.92 | 3/4 | 3,682.50 | 3/4 | 3,401.50 | 3/4 | 3,037.08 |
| 8 | | 8 | | 8 | | 8 | 4,612.51 | 8 | 4,395.79 | 8 | 4,156.36 | 8 | 3,916.93 | 8 | 3,677.51 | 8 | 3,393.90 | 8 | 3,029.48 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,610.70 | 1/4 | 4,390.80 | 1/4 | 4,151.37 | 1/4 | 3,911.95 | 1/4 | 3,672.53 | 1/4 | 3,386.31 | 1/4 | 3,021.89 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,608.89 | 1/2 | 4,385.81 | 1/2 | 4,146.38 | 1/2 | 3,906.96 | 1/2 | 3,667.54 | 1/2 | 3,378.72 | 1/2 | 3,014.30 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,606.17 | 3/4 | 4,380.82 | 3/4 | 4,141.39 | 3/4 | 3,901.97 | 3/4 | 3,662.55 | 3/4 | 3,371.13 | 3/4 | 3,006.71 |
| 9 | | 9 | | 9 | | 9 | 4,603.46 | 9 | 4,375.84 | 9 | 4,136.41 | 9 | 3,896.98 | 9 | 3,657.56 | 9 | 3,363.53 | 9 | 2,999.12 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,600.74 | 1/4 | 4,370.85 | 1/4 | 4,131.42 | 1/4 | 3,892.00 | 1/4 | 3,652.57 | 1/4 | 3,355.94 | 1/4 | 2,991.53 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,598.02 | 1/2 | 4,365.86 | 1/2 | 4,126.43 | 1/2 | 3,887.01 | 1/2 | 3,647.58 | 1/2 | 3,348.35 | 1/2 | 2,983.94 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,594.40 | 3/4 | 4,360.87 | 3/4 | 4,121.44 | 3/4 | 3,882.02 | 3/4 | 3,642.59 | 3/4 | 3,340.76 | 3/4 | 2,976.35 |
| 10 | | 10 | | 10 | | 10 | 4,590.77 | 10 | 4,355.88 | 10 | 4,116.45 | 10 | 3,877.03 | 10 | 3,637.60 | 10 | 3,333.16 | 10 | 2,968.75 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,587.15 | 1/4 | 4,350.89 | 1/4 | 4,111.47 | 1/4 | 3,872.05 | 1/4 | 3,632.62 | 1/4 | 3,325.57 | 1/4 | 2,961.16 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,583.52 | 1/2 | 4,345.90 | 1/2 | 4,106.48 | 1/2 | 3,867.06 | 1/2 | 3,627.63 | 1/2 | 3,317.98 | 1/2 | 2,953.57 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,578.99 | 3/4 | 4,340.91 | 3/4 | 4,101.49 | 3/4 | 3,862.07 | 3/4 | 3,622.64 | 3/4 | 3,310.39 | 3/4 | 2,945.98 |
| 11 | | 11 | | 11 | | 11 | 4,574.45 | 11 | 4,335.93 | 11 | 4,096.50 | 11 | 3,857.08 | 11 | 3,617.65 | 11 | 3,302.80 | 11 | 2,938.38 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,569.92 | 1/4 | 4,330.94 | 1/4 | 4,091.52 | 1/4 | 3,852.09 | 1/4 | 3,612.67 | 1/4 | 3,295.21 | 1/4 | 2,930.79 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,565.38 | 1/2 | 4,325.95 | 1/2 | 4,086.53 | 1/2 | 3,847.10 | 1/2 | 3,607.68 | 1/2 | 3,287.62 | 1/2 | 2,923.20 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,560.39 | 3/4 | 4,320.96 | 3/4 | 4,081.54 | 3/4 | 3,842.11 | 3/4 | 3,602.69 | 3/4 | 3,280.03 | 3/4 | 2,915.61 |
| 12 | | 12 | | 12 | | 12 | 4,555.40 | 12 | 4,315.98 | 12 | 4,076.55 | 12 | 3,837.12 | 12 | 3,597.70 | 12 | 3,272.43 | 12 | 2,908.01 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 30073"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/4"

| 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | 15 FT. | | 16 FT. | | 17 FT. | | 18 FT. | | 19 FT. | |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|-----|--------|--|--------|-----|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | 2,536.01 | 0 | 2,171.59 | 0 | 1,807.17 | 0 | 1,442.76 | 0 | 1,078.34 | 0 | 713.93 | 0 | 349.51 | 0 | | 0 | | 0 | |
| 1/4 | 2,528.42 | 1/4 | 2,164.00 | 1/4 | 1,799.58 | 1/4 | 1,435.17 | 1/4 | 1,070.75 | 1/4 | 706.34 | 1/4 | 341.92 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,520.83 | 1/2 | 2,156.41 | 1/2 | 1,791.99 | 1/2 | 1,427.58 | 1/2 | 1,063.16 | 1/2 | 698.75 | 1/2 | 334.33 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,513.23 | 3/4 | 2,148.81 | 3/4 | 1,784.40 | 3/4 | 1,419.98 | 3/4 | 1,055.56 | 3/4 | 691.15 | 3/4 | 326.73 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 2,505.64 | 1 | 2,141.22 | 1 | 1,776.81 | 1 | 1,412.39 | 1 | 1,047.97 | 1 | 683.56 | 1 | 319.14 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 2,498.05 | 1/4 | 2,133.63 | 1/4 | 1,769.22 | 1/4 | 1,404.80 | 1/4 | 1,040.38 | 1/4 | 675.97 | 1/4 | 311.55 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,490.46 | 1/2 | 2,126.04 | 1/2 | 1,761.63 | 1/2 | 1,397.21 | 1/2 | 1,032.79 | 1/2 | 668.38 | 1/2 | 303.96 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,482.86 | 3/4 | 2,118.44 | 3/4 | 1,754.03 | 3/4 | 1,389.61 | 3/4 | 1,025.20 | 3/4 | 660.78 | 3/4 | 296.36 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 2,475.27 | 2 | 2,110.85 | 2 | 1,746.44 | 2 | 1,382.02 | 2 | 1,017.61 | 2 | 653.19 | 2 | 288.77 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 2,467.68 | 1/4 | 2,103.26 | 1/4 | 1,738.85 | 1/4 | 1,374.43 | 1/4 | 1,010.02 | 1/4 | 645.60 | 1/4 | 281.18 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,460.09 | 1/2 | 2,095.67 | 1/2 | 1,731.26 | 1/2 | 1,366.84 | 1/2 | 1,002.43 | 1/2 | 638.01 | 1/2 | 273.59 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,452.49 | 3/4 | 2,088.08 | 3/4 | 1,723.66 | 3/4 | 1,359.24 | 3/4 | 994.83 | 3/4 | 630.41 | 3/4 | 266.00 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 2,444.90 | 3 | 2,080.49 | 3 | 1,716.07 | 3 | 1,351.65 | 3 | 987.24 | 3 | 622.82 | 3 | 258.41 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 2,437.31 | 1/4 | 2,072.90 | 1/4 | 1,708.48 | 1/4 | 1,344.06 | 1/4 | 979.65 | 1/4 | 615.23 | 1/4 | 250.82 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,429.72 | 1/2 | 2,065.31 | 1/2 | 1,700.89 | 1/2 | 1,336.47 | 1/2 | 972.06 | 1/2 | 607.64 | 1/2 | 243.23 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,422.12 | 3/4 | 2,057.71 | 3/4 | 1,693.29 | 3/4 | 1,328.88 | 3/4 | 964.46 | 3/4 | 600.04 | 3/4 | 235.63 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 2,414.53 | 4 | 2,050.12 | 4 | 1,685.70 | 4 | 1,321.29 | 4 | 956.87 | 4 | 592.45 | 4 | 228.04 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 2,406.94 | 1/4 | 2,042.53 | 1/4 | 1,678.11 | 1/4 | 1,313.70 | 1/4 | 949.28 | 1/4 | 584.86 | 1/4 | 220.45 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,399.35 | 1/2 | 2,034.94 | 1/2 | 1,670.52 | 1/2 | 1,306.11 | 1/2 | 941.69 | 1/2 | 577.27 | 1/2 | 212.86 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,391.76 | 3/4 | 2,027.34 | 3/4 | 1,662.92 | 3/4 | 1,298.51 | 3/4 | 934.09 | 3/4 | 569.68 | 3/4 | 205.26 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 2,384.17 | 5 | 2,019.75 | 5 | 1,655.33 | 5 | 1,290.92 | 5 | 926.50 | 5 | 562.09 | 5 | 197.67 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 2,376.58 | 1/4 | 2,012.16 | 1/4 | 1,647.74 | 1/4 | 1,283.33 | 1/4 | 918.91 | 1/4 | 554.50 | 1/4 | 190.08 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,368.99 | 1/2 | 2,004.57 | 1/2 | 1,640.15 | 1/2 | 1,275.74 | 1/2 | 911.32 | 1/2 | 546.91 | 1/2 | 182.49 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,361.39 | 3/4 | 1,996.97 | 3/4 | 1,632.56 | 3/4 | 1,268.14 | 3/4 | 903.72 | 3/4 | 539.31 | 3/4 | 174.89 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 2,353.80 | 6 | 1,989.38 | 6 | 1,624.97 | 6 | 1,260.55 | 6 | 896.13 | 6 | 531.72 | 6 | 167.30 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 2,346.21 | 1/4 | 1,981.79 | 1/4 | 1,617.38 | 1/4 | 1,252.96 | 1/4 | 888.54 | 1/4 | 524.13 | 1/4 | 159.71 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,338.62 | 1/2 | 1,974.20 | 1/2 | 1,609.79 | 1/2 | 1,245.37 | 1/2 | 880.95 | 1/2 | 516.54 | 1/2 | 152.12 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,331.02 | 3/4 | 1,966.60 | 3/4 | 1,602.19 | 3/4 | 1,237.77 | 3/4 | 873.36 | 3/4 | 508.94 | 3/4 | 144.52 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 2,323.43 | 7 | 1,959.01 | 7 | 1,594.60 | 7 | 1,230.18 | 7 | 865.77 | 7 | 501.35 | 7 | 136.93 | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 2,315.84 | 1/4 | 1,951.42 | 1/4 | 1,587.01 | 1/4 | 1,222.59 | 1/4 | 858.18 | 1/4 | 493.76 | 1/4 | 129.34 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,308.25 | 1/2 | 1,943.83 | 1/2 | 1,579.42 | 1/2 | 1,215.00 | 1/2 | 850.59 | 1/2 | 486.17 | 1/2 | 121.75 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,300.65 | 3/4 | 1,936.24 | 3/4 | 1,571.82 | 3/4 | 1,207.40 | 3/4 | 842.99 | 3/4 | 478.57 | 3/4 | 114.16 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 2,293.06 | 8 | 1,928.65 | 8 | 1,564.23 | 8 | 1,199.81 | 8 | 835.40 | 8 | 470.98 | 8 | 106.57 | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 2,285.47 | 1/4 | 1,921.06 | 1/4 | 1,556.64 | 1/4 | 1,192.22 | 1/4 | 827.81 | 1/4 | 463.39 | 1/4 | 98.98 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,277.88 | 1/2 | 1,913.47 | 1/2 | 1,549.05 | 1/2 | 1,184.63 | 1/2 | 820.22 | 1/2 | 455.80 | 1/2 | 91.56 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,270.28 | 3/4 | 1,905.87 | 3/4 | 1,541.45 | 3/4 | 1,177.04 | 3/4 | 812.62 | 3/4 | 448.20 | 3/4 | 84.14 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 2,262.69 | 9 | 1,898.28 | 9 | 1,533.86 | 9 | 1,169.45 | 9 | 805.03 | 9 | 440.61 | 9 | 76.72 | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 2,255.10 | 1/4 | 1,890.69 | 1/4 | 1,526.27 | 1/4 | 1,161.86 | 1/4 | 797.44 | 1/4 | 433.02 | 1/4 | 69.30 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,247.51 | 1/2 | 1,883.10 | 1/2 | 1,518.68 | 1/2 | 1,154.27 | 1/2 | 789.85 | 1/2 | 425.43 | 1/2 | 63.09 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,239.92 | 3/4 | 1,875.50 | 3/4 | 1,511.08 | 3/4 | 1,146.67 | 3/4 | 782.25 | 3/4 | 417.84 | 3/4 | 56.88 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 2,232.33 | 10 | 1,867.91 | 10 | 1,503.49 | 10 | 1,139.08 | 10 | 774.66 | 10 | 410.25 | 10 | 50.68 | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 2,224.74 | 1/4 | 1,860.32 | 1/4 | 1,495.90 | 1/4 | 1,131.49 | 1/4 | 767.07 | 1/4 | 402.66 | 1/4 | 44.47 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,217.15 | 1/2 | 1,852.73 | 1/2 | 1,488.31 | 1/2 | 1,123.90 | 1/2 | 759.48 | 1/2 | 395.07 | 1/2 | 39.64 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,209.55 | 3/4 | 1,845.13 | 3/4 | 1,480.72 | 3/4 | 1,116.30 | 3/4 | 751.88 | 3/4 | 387.47 | 3/4 | 34.82 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 2,201.96 | 11 | 1,837.54 | 11 | 1,473.13 | 11 | 1,108.71 | 11 | 744.29 | 11 | 379.88 | 11 | 29.99 | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 2,194.37 | 1/4 | 1,829.95 | 1/4 | 1,465.54 | 1/4 | 1,101.12 | 1/4 | 736.70 | 1/4 | 372.29 | 1/4 | 25.17 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,186.78 | 1/2 | 1,822.36 | 1/2 | 1,457.95 | 1/2 | 1,093.53 | 1/2 | 729.11 | 1/2 | 364.70 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,179.18 | 3/4 | 1,814.76 | 3/4 | 1,450.35 | 3/4 | 1,085.93 | 3/4 | 721.52 | 3/4 | 357.10 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/26/2000 INSP.
RECALCULATED: 05/07/2020 PMA
NAME CHANGE: 05/07/2020

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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



BARGE "KIRBY 30073"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/2"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | | |
|-------|----|-------|----|-------|----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-----|----------|
| IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | IN | 0 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,550.41 | 1/4 | 4,310.99 | 1/4 | 4,071.57 | 1/4 | 3,832.14 | 1/4 | 3,592.72 | 1/4 | 3,264.84 | 1/4 | 2,900.42 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,545.42 | 1/2 | 4,306.00 | 1/2 | 4,066.58 | 1/2 | 3,827.15 | 1/2 | 3,587.73 | 1/2 | 3,257.25 | 1/2 | 2,892.83 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,540.43 | 3/4 | 4,301.01 | 3/4 | 4,061.59 | 3/4 | 3,822.16 | 3/4 | 3,582.69 | 3/4 | 3,249.66 | 3/4 | 2,885.24 | | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4,535.45 | 1 | 4,296.03 | 1 | 4,056.60 | 1 | 3,817.17 | 1 | 3,577.64 | 1 | 3,242.06 | 1 | 2,877.64 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,530.46 | 1/4 | 4,291.04 | 1/4 | 4,051.61 | 1/4 | 3,812.19 | 1/4 | 3,572.60 | 1/4 | 3,234.47 | 1/4 | 2,870.05 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,525.47 | 1/2 | 4,286.05 | 1/2 | 4,046.62 | 1/2 | 3,807.20 | 1/2 | 3,567.56 | 1/2 | 3,226.88 | 1/2 | 2,862.46 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,520.48 | 3/4 | 4,281.06 | 3/4 | 4,041.63 | 3/4 | 3,802.21 | 3/4 | 3,562.10 | 3/4 | 3,219.29 | 3/4 | 2,854.87 | | |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4,515.50 | 2 | 4,276.08 | 2 | 4,036.64 | 2 | 3,797.22 | 2 | 3,556.64 | 2 | 3,211.69 | 2 | 2,847.28 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,510.51 | 1/4 | 4,271.09 | 1/4 | 4,031.66 | 1/4 | 3,792.24 | 1/4 | 3,551.19 | 1/4 | 3,204.10 | 1/4 | 2,839.69 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,505.52 | 1/2 | 4,266.10 | 1/2 | 4,026.67 | 1/2 | 3,787.25 | 1/2 | 3,545.73 | 1/2 | 3,196.51 | 1/2 | 2,832.10 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,500.53 | 3/4 | 4,261.11 | 3/4 | 4,021.68 | 3/4 | 3,782.26 | 3/4 | 3,539.80 | 3/4 | 3,188.92 | 3/4 | 2,824.51 | | |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4,495.55 | 3 | 4,256.12 | 3 | 4,016.69 | 3 | 3,777.27 | 3 | 3,533.87 | 3 | 3,181.32 | 3 | 2,816.91 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,490.56 | 1/4 | 4,251.13 | 1/4 | 4,011.71 | 1/4 | 3,772.29 | 1/4 | 3,527.94 | 1/4 | 3,173.73 | 1/4 | 2,809.32 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,485.57 | 1/2 | 4,246.14 | 1/2 | 4,006.72 | 1/2 | 3,767.30 | 1/2 | 3,522.01 | 1/2 | 3,166.14 | 1/2 | 2,801.73 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,480.58 | 3/4 | 4,241.15 | 3/4 | 4,001.73 | 3/4 | 3,762.31 | 3/4 | 3,515.61 | 3/4 | 3,158.55 | 3/4 | 2,794.14 | | |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4,475.60 | 4 | 4,236.17 | 4 | 3,996.74 | 4 | 3,757.32 | 4 | 3,509.20 | 4 | 3,150.96 | 4 | 2,786.54 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,470.61 | 1/4 | 4,231.18 | 1/4 | 3,991.76 | 1/4 | 3,752.33 | 1/4 | 3,502.80 | 1/4 | 3,143.37 | 1/4 | 2,778.95 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,465.62 | 1/2 | 4,226.19 | 1/2 | 3,986.77 | 1/2 | 3,747.34 | 1/2 | 3,496.40 | 1/2 | 3,135.78 | 1/2 | 2,771.36 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,460.63 | 3/4 | 4,221.20 | 3/4 | 3,981.78 | 3/4 | 3,742.35 | 3/4 | 3,489.52 | 3/4 | 3,128.19 | 3/4 | 2,763.77 | | |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4,455.64 | 5 | 4,216.22 | 5 | 3,976.79 | 5 | 3,737.36 | 5 | 3,482.64 | 5 | 3,120.59 | 5 | 2,756.17 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,450.65 | 1/4 | 4,211.23 | 1/4 | 3,971.81 | 1/4 | 3,732.38 | 1/4 | 3,475.76 | 1/4 | 3,113.00 | 1/4 | 2,748.58 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,445.66 | 1/2 | 4,206.24 | 1/2 | 3,966.82 | 1/2 | 3,727.39 | 1/2 | 3,468.88 | 1/2 | 3,105.41 | 1/2 | 2,740.99 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,440.67 | 3/4 | 4,201.25 | 3/4 | 3,961.83 | 3/4 | 3,722.40 | 3/4 | 3,461.52 | 3/4 | 3,097.82 | 3/4 | 2,733.40 | | |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4,620.15 | 6 | 4,435.69 | 6 | 4,196.27 | 6 | 3,956.84 | 6 | 3,717.41 | 6 | 3,454.17 | 6 | 3,090.22 | 6 | 2,725.80 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,619.94 | 1/4 | 4,430.70 | 1/4 | 4,191.28 | 1/4 | 3,951.85 | 1/4 | 3,712.43 | 1/4 | 3,446.81 | 1/4 | 3,082.63 | 1/4 | 2,718.21 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,619.72 | 1/2 | 4,425.71 | 1/2 | 4,186.29 | 1/2 | 3,946.86 | 1/2 | 3,707.44 | 1/2 | 3,439.46 | 1/2 | 3,075.04 | 1/2 | 2,710.62 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,618.82 | 3/4 | 4,420.72 | 3/4 | 4,181.30 | 3/4 | 3,941.87 | 3/4 | 3,702.45 | 3/4 | 3,431.87 | 3/4 | 3,067.45 | 3/4 | 2,703.03 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4,617.92 | 7 | 4,415.74 | 7 | 4,176.32 | 7 | 3,936.88 | 7 | 3,697.46 | 7 | 3,424.27 | 7 | 3,059.85 | 7 | 2,695.44 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,617.02 | 1/4 | 4,410.75 | 1/4 | 4,171.33 | 1/4 | 3,931.90 | 1/4 | 3,692.48 | 1/4 | 3,416.68 | 1/4 | 3,052.26 | 1/4 | 2,687.85 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,616.12 | 1/2 | 4,405.76 | 1/2 | 4,166.34 | 1/2 | 3,926.91 | 1/2 | 3,687.49 | 1/2 | 3,409.09 | 1/2 | 3,044.67 | 1/2 | 2,680.26 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,614.31 | 3/4 | 4,400.77 | 3/4 | 4,161.35 | 3/4 | 3,921.92 | 3/4 | 3,682.50 | 3/4 | 3,401.50 | 3/4 | 3,037.08 | 3/4 | 2,672.67 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4,612.51 | 8 | 4,395.79 | 8 | 4,156.36 | 8 | 3,916.93 | 8 | 3,677.51 | 8 | 3,393.90 | 8 | 3,029.48 | 8 | 2,665.07 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,610.70 | 1/4 | 4,390.80 | 1/4 | 4,151.37 | 1/4 | 3,911.95 | 1/4 | 3,672.53 | 1/4 | 3,386.31 | 1/4 | 3,021.89 | 1/4 | 2,657.48 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,608.89 | 1/2 | 4,385.81 | 1/2 | 4,146.38 | 1/2 | 3,906.96 | 1/2 | 3,667.54 | 1/2 | 3,378.72 | 1/2 | 3,014.30 | 1/2 | 2,649.89 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,606.17 | 3/4 | 4,380.82 | 3/4 | 4,141.39 | 3/4 | 3,901.97 | 3/4 | 3,662.55 | 3/4 | 3,371.13 | 3/4 | 3,006.71 | 3/4 | 2,642.30 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4,603.46 | 9 | 4,375.84 | 9 | 4,136.41 | 9 | 3,896.98 | 9 | 3,657.56 | 9 | 3,363.53 | 9 | 2,999.12 | 9 | 2,634.70 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,600.74 | 1/4 | 4,370.85 | 1/4 | 4,131.42 | 1/4 | 3,892.00 | 1/4 | 3,652.57 | 1/4 | 3,355.94 | 1/4 | 2,991.53 | 1/4 | 2,627.11 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,598.02 | 1/2 | 4,365.86 | 1/2 | 4,126.43 | 1/2 | 3,887.01 | 1/2 | 3,647.58 | 1/2 | 3,348.35 | 1/2 | 2,983.94 | 1/2 | 2,619.52 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,594.40 | 3/4 | 4,360.87 | 3/4 | 4,121.44 | 3/4 | 3,882.02 | 3/4 | 3,642.59 | 3/4 | 3,340.76 | 3/4 | 2,976.35 | 3/4 | 2,611.93 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4,590.77 | 10 | 4,355.88 | 10 | 4,116.45 | 10 | 3,877.03 | 10 | 3,637.60 | 10 | 3,333.16 | 10 | 2,968.75 | 10 | 2,604.33 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,587.15 | 1/4 | 4,350.89 | 1/4 | 4,111.47 | 1/4 | 3,872.05 | 1/4 | 3,632.62 | 1/4 | 3,325.57 | 1/4 | 2,961.16 | 1/4 | 2,596.74 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,583.52 | 1/2 | 4,345.90 | 1/2 | 4,106.48 | 1/2 | 3,867.06 | 1/2 | 3,627.63 | 1/2 | 3,317.98 | 1/2 | 2,953.57 | 1/2 | 2,589.15 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,578.99 | 3/4 | 4,340.91 | 3/4 | 4,101.49 | 3/4 | 3,862.07 | 3/4 | 3,622.64 | 3/4 | 3,310.39 | 3/4 | 2,945.98 | 3/4 | 2,581.56 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 4,574.45 | 11 | 4,335.93 | 11 | 4,096.50 | 11 | 3,857.08 | 11 | 3,617.65 | 11 | 3,302.80 | 11 | 2,938.38 | 11 | 2,573.96 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,569.92 | 1/4 | 4,330.94 | 1/4 | 4,091.52 | 1/4 | 3,852.09 | 1/4 | 3,612.67 | 1/4 | 3,295.21 | 1/4 | 2,930.79 | 1/4 | 2,566.37 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,565.38 | 1/2 | 4,325.95 | 1/2 | 4,086.53 | 1/2 | 3,847.10 | 1/2 | 3,607.68 | 1/2 | 3,287.62 | 1/2 | 2,923.20 | 1/2 | 2,558.78 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,560.39 | 3/4 | 4,320.96 | 3/4 | 4,081.54 | 3/4 | 3,842.11 | 3/4 | 3,602.69 | 3/4 | 3,280.03 | 3/4 | 2,915.61 | 3/4 | 2,551.19 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30073"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "WTC 3004"

GAUGE HEIGHT 16'-11 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,543.60 | 0 | 2,179.18 | 0 | 1,814.76 | 0 | 1,450.35 | 0 | 1,085.93 | 0 | 721.52 | 0 | 357.10 | 0 | | 0 | | 0 | |
| 1/4 | 2,536.01 | 1/4 | 2,171.59 | 1/4 | 1,807.17 | 1/4 | 1,442.76 | 1/4 | 1,078.34 | 1/4 | 713.93 | 1/4 | 349.51 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,528.42 | 1/2 | 2,164.00 | 1/2 | 1,799.58 | 1/2 | 1,435.17 | 1/2 | 1,070.75 | 1/2 | 706.34 | 1/2 | 341.92 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,520.83 | 3/4 | 2,156.41 | 3/4 | 1,791.99 | 3/4 | 1,427.58 | 3/4 | 1,063.16 | 3/4 | 698.75 | 3/4 | 334.33 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 2,513.23 | 1 | 2,148.81 | 1 | 1,784.40 | 1 | 1,419.98 | 1 | 1,055.56 | 1 | 691.15 | 1 | 326.73 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 2,505.64 | 1/4 | 2,141.22 | 1/4 | 1,776.81 | 1/4 | 1,412.39 | 1/4 | 1,047.97 | 1/4 | 683.56 | 1/4 | 319.14 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,498.05 | 1/2 | 2,133.63 | 1/2 | 1,769.22 | 1/2 | 1,404.80 | 1/2 | 1,040.38 | 1/2 | 675.97 | 1/2 | 311.55 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,490.46 | 3/4 | 2,126.04 | 3/4 | 1,761.63 | 3/4 | 1,397.21 | 3/4 | 1,032.79 | 3/4 | 668.38 | 3/4 | 303.96 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 2,482.86 | 2 | 2,118.44 | 2 | 1,754.03 | 2 | 1,389.61 | 2 | 1,025.20 | 2 | 660.78 | 2 | 296.36 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 2,475.27 | 1/4 | 2,110.85 | 1/4 | 1,746.44 | 1/4 | 1,382.02 | 1/4 | 1,017.61 | 1/4 | 653.19 | 1/4 | 288.77 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,467.68 | 1/2 | 2,103.26 | 1/2 | 1,738.85 | 1/2 | 1,374.43 | 1/2 | 1,010.02 | 1/2 | 645.60 | 1/2 | 281.18 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,460.09 | 3/4 | 2,095.67 | 3/4 | 1,731.26 | 3/4 | 1,366.84 | 3/4 | 1,002.43 | 3/4 | 638.01 | 3/4 | 273.59 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 2,452.49 | 3 | 2,088.08 | 3 | 1,723.66 | 3 | 1,359.24 | 3 | 994.83 | 3 | 630.41 | 3 | 266.00 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 2,444.90 | 1/4 | 2,080.49 | 1/4 | 1,716.07 | 1/4 | 1,351.65 | 1/4 | 987.24 | 1/4 | 622.82 | 1/4 | 258.41 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,437.31 | 1/2 | 2,072.90 | 1/2 | 1,708.48 | 1/2 | 1,344.06 | 1/2 | 979.65 | 1/2 | 615.23 | 1/2 | 250.82 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,429.72 | 3/4 | 2,065.31 | 3/4 | 1,700.89 | 3/4 | 1,336.47 | 3/4 | 972.06 | 3/4 | 607.64 | 3/4 | 243.23 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 2,422.12 | 4 | 2,057.71 | 4 | 1,693.29 | 4 | 1,328.88 | 4 | 964.46 | 4 | 600.04 | 4 | 235.63 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 2,414.53 | 1/4 | 2,050.12 | 1/4 | 1,685.70 | 1/4 | 1,321.29 | 1/4 | 956.87 | 1/4 | 592.45 | 1/4 | 228.04 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,406.94 | 1/2 | 2,042.53 | 1/2 | 1,678.11 | 1/2 | 1,313.70 | 1/2 | 949.28 | 1/2 | 584.86 | 1/2 | 220.45 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,399.35 | 3/4 | 2,034.94 | 3/4 | 1,670.52 | 3/4 | 1,306.11 | 3/4 | 941.69 | 3/4 | 577.27 | 3/4 | 212.86 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 2,391.76 | 5 | 2,027.34 | 5 | 1,662.92 | 5 | 1,298.51 | 5 | 934.09 | 5 | 569.68 | 5 | 205.26 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 2,384.17 | 1/4 | 2,019.75 | 1/4 | 1,655.33 | 1/4 | 1,290.92 | 1/4 | 926.50 | 1/4 | 562.09 | 1/4 | 197.67 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,376.58 | 1/2 | 2,012.16 | 1/2 | 1,647.74 | 1/2 | 1,283.33 | 1/2 | 918.91 | 1/2 | 554.50 | 1/2 | 190.08 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,368.99 | 3/4 | 2,004.57 | 3/4 | 1,640.15 | 3/4 | 1,275.74 | 3/4 | 911.32 | 3/4 | 546.91 | 3/4 | 182.49 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 2,361.39 | 6 | 1,996.97 | 6 | 1,632.56 | 6 | 1,268.14 | 6 | 903.72 | 6 | 539.31 | 6 | 174.89 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 2,353.80 | 1/4 | 1,989.38 | 1/4 | 1,624.97 | 1/4 | 1,260.55 | 1/4 | 896.13 | 1/4 | 531.72 | 1/4 | 167.30 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,346.21 | 1/2 | 1,981.79 | 1/2 | 1,617.38 | 1/2 | 1,252.96 | 1/2 | 888.54 | 1/2 | 524.13 | 1/2 | 159.71 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,338.62 | 3/4 | 1,974.20 | 3/4 | 1,609.79 | 3/4 | 1,245.37 | 3/4 | 880.95 | 3/4 | 516.54 | 3/4 | 152.12 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 2,331.02 | 7 | 1,966.60 | 7 | 1,602.19 | 7 | 1,237.77 | 7 | 873.36 | 7 | 508.94 | 7 | 144.52 | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 2,323.43 | 1/4 | 1,959.01 | 1/4 | 1,594.60 | 1/4 | 1,230.18 | 1/4 | 865.77 | 1/4 | 501.35 | 1/4 | 136.93 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,315.84 | 1/2 | 1,951.42 | 1/2 | 1,587.01 | 1/2 | 1,222.59 | 1/2 | 858.18 | 1/2 | 493.76 | 1/2 | 129.34 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,308.25 | 3/4 | 1,943.83 | 3/4 | 1,579.42 | 3/4 | 1,215.00 | 3/4 | 850.59 | 3/4 | 486.17 | 3/4 | 121.75 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 2,300.65 | 8 | 1,936.24 | 8 | 1,571.82 | 8 | 1,207.40 | 8 | 842.99 | 8 | 478.57 | 8 | 114.16 | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 2,293.06 | 1/4 | 1,928.65 | 1/4 | 1,564.23 | 1/4 | 1,199.81 | 1/4 | 835.40 | 1/4 | 470.98 | 1/4 | 106.57 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,285.47 | 1/2 | 1,921.06 | 1/2 | 1,556.64 | 1/2 | 1,192.22 | 1/2 | 827.81 | 1/2 | 463.39 | 1/2 | 98.98 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,277.88 | 3/4 | 1,913.47 | 3/4 | 1,549.05 | 3/4 | 1,184.63 | 3/4 | 820.22 | 3/4 | 455.80 | 3/4 | 91.56 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 2,270.28 | 9 | 1,905.87 | 9 | 1,541.45 | 9 | 1,177.04 | 9 | 812.62 | 9 | 448.20 | 9 | 84.14 | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 2,262.69 | 1/4 | 1,898.28 | 1/4 | 1,533.86 | 1/4 | 1,169.45 | 1/4 | 805.03 | 1/4 | 440.61 | 1/4 | 76.72 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,255.10 | 1/2 | 1,890.69 | 1/2 | 1,526.27 | 1/2 | 1,161.86 | 1/2 | 797.44 | 1/2 | 433.02 | 1/2 | 69.30 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,247.51 | 3/4 | 1,883.10 | 3/4 | 1,518.68 | 3/4 | 1,154.27 | 3/4 | 789.85 | 3/4 | 425.43 | 3/4 | 63.09 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 2,239.92 | 10 | 1,875.50 | 10 | 1,511.08 | 10 | 1,146.67 | 10 | 782.25 | 10 | 417.84 | 10 | 56.88 | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 2,232.33 | 1/4 | 1,867.91 | 1/4 | 1,503.49 | 1/4 | 1,139.08 | 1/4 | 774.66 | 1/4 | 410.25 | 1/4 | 50.68 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,224.74 | 1/2 | 1,860.32 | 1/2 | 1,495.90 | 1/2 | 1,131.49 | 1/2 | 767.07 | 1/2 | 402.66 | 1/2 | 44.47 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,217.15 | 3/4 | 1,852.73 | 3/4 | 1,488.31 | 3/4 | 1,123.90 | 3/4 | 759.48 | 3/4 | 395.07 | 3/4 | 39.64 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 2,209.55 | 11 | 1,845.13 | 11 | 1,480.72 | 11 | 1,116.30 | 11 | 751.88 | 11 | 387.47 | 11 | 34.82 | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 2,201.96 | 1/4 | 1,837.54 | 1/4 | 1,473.13 | 1/4 | 1,108.71 | 1/4 | 744.29 | 1/4 | 379.88 | 1/4 | 29.99 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 2,194.37 | 1/2 | 1,829.95 | 1/2 | 1,465.54 | 1/2 | 1,101.12 | 1/2 | 736.70 | 1/2 | 372.29 | 1/2 | 25.17 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 2,186.78 | 3/4 | 1,822.36 | 3/4 | 1,457.95 | 3/4 | 1,093.53 | 3/4 | 729.11 | 3/4 | 364.70 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/26/2000 INSP.
RECALCULATED: 05/07/2020 PMA
NAME CHANGE: 05/07/2020

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2020

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