



BARGE "NGL 3008"

INNAGE (HERMETIC)

| | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 |
| 1 STBD | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 |
| 2 PORT | - 00-0/8 | 00-0/8 | - 00-0/8 | 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 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 |
| 3 PORT | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |
| 3 STBD | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 235'-00"

July 21, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "NGL 3008"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 14.12 | 0 | 332.52 | 0 | 693.76 | 0 | 1,059.95 | 0 | 1,426.14 | 0 | 1,792.33 | 0 | 2,158.53 | 0 | 2,524.72 | 0 | 2,890.91 | 0 | 3,257.10 |
| 1/4 | 18.51 | 1/4 | 339.81 | 1/4 | 701.39 | 1/4 | 1,067.58 | 1/4 | 1,433.77 | 1/4 | 1,799.96 | 1/4 | 2,166.16 | 1/4 | 2,532.35 | 1/4 | 2,898.54 | 1/4 | 3,264.73 |
| 1/2 | 22.89 | 1/2 | 347.10 | 1/2 | 709.02 | 1/2 | 1,075.21 | 1/2 | 1,441.40 | 1/2 | 1,807.59 | 1/2 | 2,173.79 | 1/2 | 2,539.98 | 1/2 | 2,906.17 | 1/2 | 3,272.36 |
| 3/4 | 27.28 | 3/4 | 354.38 | 3/4 | 716.65 | 3/4 | 1,082.84 | 3/4 | 1,449.03 | 3/4 | 1,815.22 | 3/4 | 2,181.41 | 3/4 | 2,547.60 | 3/4 | 2,913.80 | 3/4 | 3,279.99 |
| 1 | 31.66 | 1 | 361.67 | 1 | 724.28 | 1 | 1,090.47 | 1 | 1,456.66 | 1 | 1,822.85 | 1 | 2,189.04 | 1 | 2,555.23 | 1 | 2,921.43 | 1 | 3,287.62 |
| 1/4 | 37.59 | 1/4 | 368.99 | 1/4 | 731.91 | 1/4 | 1,098.10 | 1/4 | 1,464.29 | 1/4 | 1,830.48 | 1/4 | 2,196.67 | 1/4 | 2,562.86 | 1/4 | 2,929.06 | 1/4 | 3,295.25 |
| 1/2 | 43.51 | 1/2 | 376.31 | 1/2 | 739.54 | 1/2 | 1,105.73 | 1/2 | 1,471.92 | 1/2 | 1,838.11 | 1/2 | 2,204.30 | 1/2 | 2,570.49 | 1/2 | 2,936.69 | 1/2 | 3,302.88 |
| 3/4 | 49.44 | 3/4 | 383.62 | 3/4 | 747.16 | 3/4 | 1,113.35 | 3/4 | 1,479.55 | 3/4 | 1,845.74 | 3/4 | 2,211.93 | 3/4 | 2,578.12 | 3/4 | 2,944.31 | 3/4 | 3,310.50 |
| 2 | 55.36 | 2 | 390.94 | 2 | 754.79 | 2 | 1,120.98 | 2 | 1,487.18 | 2 | 1,853.37 | 2 | 2,219.56 | 2 | 2,585.75 | 2 | 2,951.94 | 2 | 3,318.13 |
| 1/4 | 62.03 | 1/4 | 398.35 | 1/4 | 762.42 | 1/4 | 1,128.61 | 1/4 | 1,494.81 | 1/4 | 1,861.00 | 1/4 | 2,227.19 | 1/4 | 2,593.38 | 1/4 | 2,959.57 | 1/4 | 3,325.76 |
| 1/2 | 68.69 | 1/2 | 405.76 | 1/2 | 770.05 | 1/2 | 1,136.24 | 1/2 | 1,502.44 | 1/2 | 1,868.63 | 1/2 | 2,234.82 | 1/2 | 2,601.01 | 1/2 | 2,967.20 | 1/2 | 3,333.39 |
| 3/4 | 75.36 | 3/4 | 413.16 | 3/4 | 777.68 | 3/4 | 1,143.87 | 3/4 | 1,510.06 | 3/4 | 1,876.25 | 3/4 | 2,242.44 | 3/4 | 2,608.64 | 3/4 | 2,974.83 | 3/4 | 3,341.02 |
| 3 | 82.02 | 3 | 420.57 | 3 | 785.31 | 3 | 1,151.50 | 3 | 1,517.69 | 3 | 1,883.88 | 3 | 2,250.07 | 3 | 2,616.27 | 3 | 2,982.46 | 3 | 3,348.65 |
| 1/4 | 88.72 | 1/4 | 428.01 | 1/4 | 792.94 | 1/4 | 1,159.13 | 1/4 | 1,525.32 | 1/4 | 1,891.51 | 1/4 | 2,257.70 | 1/4 | 2,623.90 | 1/4 | 2,990.09 | 1/4 | 3,356.28 |
| 1/2 | 95.41 | 1/2 | 435.45 | 1/2 | 800.57 | 1/2 | 1,166.76 | 1/2 | 1,532.95 | 1/2 | 1,899.14 | 1/2 | 2,265.33 | 1/2 | 2,631.53 | 1/2 | 2,997.72 | 1/2 | 3,363.91 |
| 3/4 | 102.11 | 3/4 | 442.89 | 3/4 | 808.19 | 3/4 | 1,174.39 | 3/4 | 1,540.58 | 3/4 | 1,906.77 | 3/4 | 2,272.96 | 3/4 | 2,639.15 | 3/4 | 3,005.34 | 3/4 | 3,371.54 |
| 4 | 108.80 | 4 | 450.33 | 4 | 815.82 | 4 | 1,182.02 | 4 | 1,548.21 | 4 | 1,914.40 | 4 | 2,280.59 | 4 | 2,646.78 | 4 | 3,012.97 | 4 | 3,379.17 |
| 1/4 | 115.59 | 1/4 | 457.87 | 1/4 | 823.45 | 1/4 | 1,189.65 | 1/4 | 1,555.84 | 1/4 | 1,922.03 | 1/4 | 2,288.22 | 1/4 | 2,654.41 | 1/4 | 3,020.60 | 1/4 | 3,386.80 |
| 1/2 | 122.38 | 1/2 | 465.40 | 1/2 | 831.08 | 1/2 | 1,197.28 | 1/2 | 1,563.47 | 1/2 | 1,929.66 | 1/2 | 2,295.85 | 1/2 | 2,662.04 | 1/2 | 3,028.23 | 1/2 | 3,394.43 |
| 3/4 | 129.17 | 3/4 | 472.94 | 3/4 | 838.71 | 3/4 | 1,204.90 | 3/4 | 1,571.09 | 3/4 | 1,937.28 | 3/4 | 2,303.48 | 3/4 | 2,669.67 | 3/4 | 3,035.86 | 3/4 | 3,402.05 |
| 5 | 135.96 | 5 | 480.47 | 5 | 846.34 | 5 | 1,212.53 | 5 | 1,578.72 | 5 | 1,944.91 | 5 | 2,311.11 | 5 | 2,677.30 | 5 | 3,043.49 | 5 | 3,409.68 |
| 1/4 | 142.78 | 1/4 | 488.04 | 1/4 | 853.97 | 1/4 | 1,220.16 | 1/4 | 1,586.35 | 1/4 | 1,952.54 | 1/4 | 2,318.74 | 1/4 | 2,684.93 | 1/4 | 3,051.12 | 1/4 | 3,417.31 |
| 1/2 | 149.60 | 1/2 | 495.60 | 1/2 | 861.60 | 1/2 | 1,227.79 | 1/2 | 1,593.98 | 1/2 | 1,960.17 | 1/2 | 2,326.37 | 1/2 | 2,692.56 | 1/2 | 3,058.75 | 1/2 | 3,424.94 |
| 3/4 | 156.42 | 3/4 | 503.17 | 3/4 | 869.23 | 3/4 | 1,235.42 | 3/4 | 1,601.61 | 3/4 | 1,967.80 | 3/4 | 2,333.99 | 3/4 | 2,700.18 | 3/4 | 3,066.38 | 3/4 | 3,432.57 |
| 6 | 163.24 | 6 | 510.73 | 6 | 876.86 | 6 | 1,243.05 | 6 | 1,609.24 | 6 | 1,975.43 | 6 | 2,341.62 | 6 | 2,707.81 | 6 | 3,074.01 | 6 | 3,440.20 |
| 1/4 | 170.16 | 1/4 | 518.34 | 1/4 | 884.49 | 1/4 | 1,250.68 | 1/4 | 1,616.87 | 1/4 | 1,983.06 | 1/4 | 2,349.25 | 1/4 | 2,715.44 | 1/4 | 3,081.64 | 1/4 | 3,447.83 |
| 1/2 | 177.07 | 1/2 | 525.96 | 1/2 | 892.12 | 1/2 | 1,258.31 | 1/2 | 1,624.50 | 1/2 | 1,990.69 | 1/2 | 2,356.88 | 1/2 | 2,723.07 | 1/2 | 3,089.27 | 1/2 | 3,455.46 |
| 3/4 | 183.99 | 3/4 | 533.57 | 3/4 | 899.74 | 3/4 | 1,265.93 | 3/4 | 1,632.12 | 3/4 | 1,998.32 | 3/4 | 2,364.51 | 3/4 | 2,730.70 | 3/4 | 3,096.89 | 3/4 | 3,463.08 |
| 7 | 190.90 | 7 | 541.18 | 7 | 907.37 | 7 | 1,273.56 | 7 | 1,639.75 | 7 | 2,005.95 | 7 | 2,372.14 | 7 | 2,738.33 | 7 | 3,104.52 | 7 | 3,470.71 |
| 1/4 | 197.85 | 1/4 | 548.81 | 1/4 | 915.00 | 1/4 | 1,281.19 | 1/4 | 1,647.38 | 1/4 | 2,013.58 | 1/4 | 2,379.77 | 1/4 | 2,745.96 | 1/4 | 3,112.15 | 1/4 | 3,478.34 |
| 1/2 | 204.79 | 1/2 | 556.44 | 1/2 | 922.63 | 1/2 | 1,288.82 | 1/2 | 1,655.01 | 1/2 | 2,021.21 | 1/2 | 2,387.40 | 1/2 | 2,753.59 | 1/2 | 3,119.78 | 1/2 | 3,485.97 |
| 3/4 | 211.74 | 3/4 | 564.07 | 3/4 | 930.26 | 3/4 | 1,296.45 | 3/4 | 1,662.64 | 3/4 | 2,028.83 | 3/4 | 2,395.02 | 3/4 | 2,761.22 | 3/4 | 3,127.41 | 3/4 | 3,493.60 |
| 8 | 218.68 | 8 | 571.70 | 8 | 937.89 | 8 | 1,304.08 | 8 | 1,670.27 | 8 | 2,036.46 | 8 | 2,402.65 | 8 | 2,768.85 | 8 | 3,135.04 | 8 | 3,501.23 |
| 1/4 | 225.72 | 1/4 | 579.33 | 1/4 | 945.52 | 1/4 | 1,311.71 | 1/4 | 1,677.90 | 1/4 | 2,044.09 | 1/4 | 2,410.28 | 1/4 | 2,776.48 | 1/4 | 3,142.67 | 1/4 | 3,508.86 |
| 1/2 | 232.76 | 1/2 | 586.96 | 1/2 | 953.15 | 1/2 | 1,319.34 | 1/2 | 1,685.53 | 1/2 | 2,051.72 | 1/2 | 2,417.91 | 1/2 | 2,784.11 | 1/2 | 3,150.30 | 1/2 | 3,516.49 |
| 3/4 | 239.79 | 3/4 | 594.58 | 3/4 | 960.77 | 3/4 | 1,326.97 | 3/4 | 1,693.16 | 3/4 | 2,059.35 | 3/4 | 2,425.54 | 3/4 | 2,791.73 | 3/4 | 3,157.92 | 3/4 | 3,524.12 |
| 9 | 246.83 | 9 | 602.21 | 9 | 968.40 | 9 | 1,334.60 | 9 | 1,700.79 | 9 | 2,066.98 | 9 | 2,433.17 | 9 | 2,799.36 | 9 | 3,165.55 | 9 | 3,531.75 |
| 1/4 | 253.90 | 1/4 | 609.84 | 1/4 | 976.03 | 1/4 | 1,342.23 | 1/4 | 1,708.42 | 1/4 | 2,074.61 | 1/4 | 2,440.80 | 1/4 | 2,806.99 | 1/4 | 3,173.18 | 1/4 | 3,539.38 |
| 1/2 | 260.97 | 1/2 | 617.47 | 1/2 | 983.66 | 1/2 | 1,349.86 | 1/2 | 1,716.05 | 1/2 | 2,082.24 | 1/2 | 2,448.43 | 1/2 | 2,814.62 | 1/2 | 3,180.81 | 1/2 | 3,547.01 |
| 3/4 | 268.03 | 3/4 | 625.10 | 3/4 | 991.29 | 3/4 | 1,357.48 | 3/4 | 1,723.67 | 3/4 | 2,089.86 | 3/4 | 2,456.06 | 3/4 | 2,822.25 | 3/4 | 3,188.44 | 3/4 | 3,554.63 |
| 10 | 275.10 | 10 | 632.73 | 10 | 998.92 | 10 | 1,365.11 | 10 | 1,731.30 | 10 | 2,097.49 | 10 | 2,463.69 | 10 | 2,829.88 | 10 | 3,196.07 | 10 | 3,562.26 |
| 1/4 | 282.26 | 1/4 | 640.36 | 1/4 | 1,006.55 | 1/4 | 1,372.74 | 1/4 | 1,738.93 | 1/4 | 2,105.12 | 1/4 | 2,471.32 | 1/4 | 2,837.51 | 1/4 | 3,203.70 | 1/4 | 3,569.89 |
| 1/2 | 289.43 | 1/2 | 647.99 | 1/2 | 1,014.18 | 1/2 | 1,380.37 | 1/2 | 1,746.56 | 1/2 | 2,112.75 | 1/2 | 2,478.95 | 1/2 | 2,845.14 | 1/2 | 3,211.33 | 1/2 | 3,577.52 |
| 3/4 | 296.59 | 3/4 | 655.61 | 3/4 | 1,021.81 | 3/4 | 1,388.00 | 3/4 | 1,754.19 | 3/4 | 2,120.38 | 3/4 | 2,486.57 | 3/4 | 2,852.76 | 3/4 | 3,218.96 | 3/4 | 3,585.15 |
| 11 | 303.75 | 11 | 663.24 | 11 | 1,029.44 | 11 | 1,395.63 | 11 | 1,761.82 | 11 | 2,128.01 | 11 | 2,494.20 | 11 | 2,860.39 | 11 | 3,226.59 | 11 | 3,592.78 |
| 1/4 | 310.94 | 1/4 | 670.87 | 1/4 | 1,037.07 | 1/4 | 1,403.26 | 1/4 | 1,769.45 | 1/4 | 2,135.64 | 1/4 | 2,501.83 | 1/4 | 2,868.02 | 1/4 | 3,234.22 | 1/4 | 3,600.41 |
| 1/2 | 318.14 | 1/2 | 678.50 | 1/2 | 1,044.70 | 1/2 | 1,410.89 | 1/2 | 1,777.08 | 1/2 | 2,143.27 | 1/2 | 2,509.46 | 1/2 | 2,875.65 | 1/2 | 3,241.85 | 1/2 | 3,608.04 |
| 3/4 | 325.33 | 3/4 | 686.13 | 3/4 | 1,052.32 | 3/4 | 1,418.51 | 3/4 | 1,784.70 | 3/4 | 2,150.90 | 3/4 | 2,517.09 | 3/4 | 2,883.28 | 3/4 | 3,249.47 | 3/4 | 3,615.66 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "NGL 3008"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

| 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 | 3,623.29 | 0 | 3,989.49 | 0 | 4,355.68 | 0 | 4,721.87 | 0 | 5,088.06 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,630.92 | 1/4 | 3,997.12 | 1/4 | 4,363.31 | 1/4 | 4,729.50 | 1/4 | 5,095.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,638.55 | 1/2 | 4,004.75 | 1/2 | 4,370.94 | 1/2 | 4,737.13 | 1/2 | 5,102.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,646.18 | 3/4 | 4,012.37 | 3/4 | 4,378.56 | 3/4 | 4,744.76 | 3/4 | 5,109.68 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,653.81 | 1 | 4,020.00 | 1 | 4,386.19 | 1 | 4,752.39 | 1 | 5,116.88 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,661.44 | 1/4 | 4,027.63 | 1/4 | 4,393.82 | 1/4 | 4,760.02 | 1/4 | 5,123.10 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,669.07 | 1/2 | 4,035.26 | 1/2 | 4,401.45 | 1/2 | 4,767.65 | 1/2 | 5,129.32 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,676.70 | 3/4 | 4,042.89 | 3/4 | 4,409.08 | 3/4 | 4,775.27 | 3/4 | 5,135.53 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,684.33 | 2 | 4,050.52 | 2 | 4,416.71 | 2 | 4,782.90 | 2 | 5,141.75 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,691.96 | 1/4 | 4,058.15 | 1/4 | 4,424.34 | 1/4 | 4,790.53 | 1/4 | 5,146.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,699.59 | 1/2 | 4,065.78 | 1/2 | 4,431.97 | 1/2 | 4,798.16 | 1/2 | 5,151.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,707.21 | 3/4 | 4,073.40 | 3/4 | 4,439.60 | 3/4 | 4,805.79 | 3/4 | 5,157.01 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,714.84 | 3 | 4,081.03 | 3 | 4,447.23 | 3 | 4,813.42 | 3 | 5,162.09 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,722.47 | 1/4 | 4,088.66 | 1/4 | 4,454.86 | 1/4 | 4,821.05 | 1/4 | 5,166.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,730.10 | 1/2 | 4,096.29 | 1/2 | 4,462.49 | 1/2 | 4,828.68 | 1/2 | 5,170.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,737.73 | 3/4 | 4,103.92 | 3/4 | 4,470.11 | 3/4 | 4,836.30 | 3/4 | 5,173.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,745.36 | 4 | 4,111.55 | 4 | 4,477.74 | 4 | 4,843.93 | 4 | 5,177.90 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,752.99 | 1/4 | 4,119.18 | 1/4 | 4,485.37 | 1/4 | 4,851.56 | 1/4 | 5,180.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,760.62 | 1/2 | 4,126.81 | 1/2 | 4,493.00 | 1/2 | 4,859.19 | 1/2 | 5,183.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,768.24 | 3/4 | 4,134.44 | 3/4 | 4,500.63 | 3/4 | 4,866.82 | 3/4 | 5,186.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,775.87 | 5 | 4,142.07 | 5 | 4,508.26 | 5 | 4,874.45 | 5 | 5,189.19 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,783.50 | 1/4 | 4,149.70 | 1/4 | 4,515.89 | 1/4 | 4,882.08 | 1/4 | 5,190.88 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,791.13 | 1/2 | 4,157.33 | 1/2 | 4,523.52 | 1/2 | 4,889.71 | 1/2 | 5,192.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,798.76 | 3/4 | 4,164.95 | 3/4 | 4,531.14 | 3/4 | 4,897.34 | 3/4 | 5,194.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,806.39 | 6 | 4,172.58 | 6 | 4,538.77 | 6 | 4,904.97 | 6 | 5,195.96 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,814.02 | 1/4 | 4,180.21 | 1/4 | 4,546.40 | 1/4 | 4,912.60 | 1/4 | 5,196.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,821.65 | 1/2 | 4,187.84 | 1/2 | 4,554.03 | 1/2 | 4,920.23 | 1/2 | 5,197.30 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,829.28 | 3/4 | 4,195.47 | 3/4 | 4,561.66 | 3/4 | 4,927.85 | 3/4 | 5,197.96 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,836.91 | 7 | 4,203.10 | 7 | 4,569.29 | 7 | 4,935.48 | 7 | 5,198.63 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,844.54 | 1/4 | 4,210.73 | 1/4 | 4,576.92 | 1/4 | 4,943.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,852.17 | 1/2 | 4,218.36 | 1/2 | 4,584.55 | 1/2 | 4,950.74 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,859.79 | 3/4 | 4,225.98 | 3/4 | 4,592.18 | 3/4 | 4,958.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,867.42 | 8 | 4,233.61 | 8 | 4,599.81 | 8 | 4,966.00 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,875.05 | 1/4 | 4,241.24 | 1/4 | 4,607.44 | 1/4 | 4,973.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,882.68 | 1/2 | 4,248.87 | 1/2 | 4,615.07 | 1/2 | 4,981.26 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,890.31 | 3/4 | 4,256.50 | 3/4 | 4,622.69 | 3/4 | 4,988.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,897.94 | 9 | 4,264.13 | 9 | 4,630.32 | 9 | 4,996.51 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,905.57 | 1/4 | 4,271.76 | 1/4 | 4,637.95 | 1/4 | 5,004.14 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,913.20 | 1/2 | 4,279.39 | 1/2 | 4,645.58 | 1/2 | 5,011.77 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,920.82 | 3/4 | 4,287.02 | 3/4 | 4,653.21 | 3/4 | 5,019.40 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,928.45 | 10 | 4,294.65 | 10 | 4,660.84 | 10 | 5,027.03 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,936.08 | 1/4 | 4,302.28 | 1/4 | 4,668.47 | 1/4 | 5,034.66 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,943.71 | 1/2 | 4,309.91 | 1/2 | 4,676.10 | 1/2 | 5,042.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,951.34 | 3/4 | 4,317.53 | 3/4 | 4,683.72 | 3/4 | 5,049.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,958.97 | 11 | 4,325.16 | 11 | 4,691.35 | 11 | 5,057.55 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,966.60 | 1/4 | 4,332.79 | 1/4 | 4,698.98 | 1/4 | 5,065.18 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,974.23 | 1/2 | 4,340.42 | 1/2 | 4,706.61 | 1/2 | 5,072.81 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,981.86 | 3/4 | 4,348.05 | 3/4 | 4,714.24 | 3/4 | 5,080.43 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2014 SW
DECK MEASUREMENTS: 07/25/2014 SW
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3008"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 14.12 | 0 | 332.52 | 0 | 693.76 | 0 | 1,059.95 | 0 | 1,426.14 | 0 | 1,792.33 | 0 | 2,158.53 | 0 | 2,524.72 | 0 | 2,890.91 | 0 | 3,257.10 |
| 1/4 | 18.51 | 1/4 | 339.81 | 1/4 | 701.39 | 1/4 | 1,067.58 | 1/4 | 1,433.77 | 1/4 | 1,799.96 | 1/4 | 2,166.16 | 1/4 | 2,532.35 | 1/4 | 2,898.54 | 1/4 | 3,264.73 |
| 1/2 | 22.89 | 1/2 | 347.10 | 1/2 | 709.02 | 1/2 | 1,075.21 | 1/2 | 1,441.40 | 1/2 | 1,807.59 | 1/2 | 2,173.79 | 1/2 | 2,539.98 | 1/2 | 2,906.17 | 1/2 | 3,272.36 |
| 3/4 | 27.28 | 3/4 | 354.38 | 3/4 | 716.65 | 3/4 | 1,082.84 | 3/4 | 1,449.03 | 3/4 | 1,815.22 | 3/4 | 2,181.41 | 3/4 | 2,547.60 | 3/4 | 2,913.80 | 3/4 | 3,279.99 |
| 1 | 31.66 | 1 | 361.67 | 1 | 724.28 | 1 | 1,090.47 | 1 | 1,456.66 | 1 | 1,822.85 | 1 | 2,189.04 | 1 | 2,555.23 | 1 | 2,921.43 | 1 | 3,287.62 |
| 1/4 | 37.59 | 1/4 | 368.99 | 1/4 | 731.91 | 1/4 | 1,098.10 | 1/4 | 1,464.29 | 1/4 | 1,830.48 | 1/4 | 2,196.67 | 1/4 | 2,562.86 | 1/4 | 2,929.06 | 1/4 | 3,295.25 |
| 1/2 | 43.51 | 1/2 | 376.31 | 1/2 | 739.54 | 1/2 | 1,105.73 | 1/2 | 1,471.92 | 1/2 | 1,838.11 | 1/2 | 2,204.30 | 1/2 | 2,570.49 | 1/2 | 2,936.69 | 1/2 | 3,302.88 |
| 3/4 | 49.44 | 3/4 | 383.62 | 3/4 | 747.16 | 3/4 | 1,113.35 | 3/4 | 1,479.55 | 3/4 | 1,845.74 | 3/4 | 2,211.93 | 3/4 | 2,578.12 | 3/4 | 2,944.31 | 3/4 | 3,310.50 |
| 2 | 55.36 | 2 | 390.94 | 2 | 754.79 | 2 | 1,120.98 | 2 | 1,487.18 | 2 | 1,853.37 | 2 | 2,219.56 | 2 | 2,585.75 | 2 | 2,951.94 | 2 | 3,318.13 |
| 1/4 | 62.03 | 1/4 | 398.35 | 1/4 | 762.42 | 1/4 | 1,128.61 | 1/4 | 1,494.81 | 1/4 | 1,861.00 | 1/4 | 2,227.19 | 1/4 | 2,593.38 | 1/4 | 2,959.57 | 1/4 | 3,325.76 |
| 1/2 | 68.69 | 1/2 | 405.76 | 1/2 | 770.05 | 1/2 | 1,136.24 | 1/2 | 1,502.44 | 1/2 | 1,868.63 | 1/2 | 2,234.82 | 1/2 | 2,601.01 | 1/2 | 2,967.20 | 1/2 | 3,333.39 |
| 3/4 | 75.36 | 3/4 | 413.16 | 3/4 | 777.68 | 3/4 | 1,143.87 | 3/4 | 1,510.06 | 3/4 | 1,876.25 | 3/4 | 2,242.44 | 3/4 | 2,608.64 | 3/4 | 2,974.83 | 3/4 | 3,341.02 |
| 3 | 82.02 | 3 | 420.57 | 3 | 785.31 | 3 | 1,151.50 | 3 | 1,517.69 | 3 | 1,883.88 | 3 | 2,250.07 | 3 | 2,616.27 | 3 | 2,982.46 | 3 | 3,348.65 |
| 1/4 | 88.72 | 1/4 | 428.01 | 1/4 | 792.94 | 1/4 | 1,159.13 | 1/4 | 1,525.32 | 1/4 | 1,891.51 | 1/4 | 2,257.70 | 1/4 | 2,623.90 | 1/4 | 2,990.09 | 1/4 | 3,356.28 |
| 1/2 | 95.41 | 1/2 | 435.45 | 1/2 | 800.57 | 1/2 | 1,166.76 | 1/2 | 1,532.95 | 1/2 | 1,899.14 | 1/2 | 2,265.33 | 1/2 | 2,631.53 | 1/2 | 2,997.72 | 1/2 | 3,363.91 |
| 3/4 | 102.11 | 3/4 | 442.89 | 3/4 | 808.19 | 3/4 | 1,174.39 | 3/4 | 1,540.58 | 3/4 | 1,906.77 | 3/4 | 2,272.96 | 3/4 | 2,639.15 | 3/4 | 3,005.34 | 3/4 | 3,371.54 |
| 4 | 108.80 | 4 | 450.33 | 4 | 815.82 | 4 | 1,182.02 | 4 | 1,548.21 | 4 | 1,914.40 | 4 | 2,280.59 | 4 | 2,646.78 | 4 | 3,012.97 | 4 | 3,379.17 |
| 1/4 | 115.59 | 1/4 | 457.87 | 1/4 | 823.45 | 1/4 | 1,189.65 | 1/4 | 1,555.84 | 1/4 | 1,922.03 | 1/4 | 2,288.22 | 1/4 | 2,654.41 | 1/4 | 3,020.60 | 1/4 | 3,386.80 |
| 1/2 | 122.38 | 1/2 | 465.40 | 1/2 | 831.08 | 1/2 | 1,197.28 | 1/2 | 1,563.47 | 1/2 | 1,929.66 | 1/2 | 2,295.85 | 1/2 | 2,662.04 | 1/2 | 3,028.23 | 1/2 | 3,394.43 |
| 3/4 | 129.17 | 3/4 | 472.94 | 3/4 | 838.71 | 3/4 | 1,204.90 | 3/4 | 1,571.09 | 3/4 | 1,937.28 | 3/4 | 2,303.48 | 3/4 | 2,669.67 | 3/4 | 3,035.86 | 3/4 | 3,402.05 |
| 5 | 135.96 | 5 | 480.47 | 5 | 846.34 | 5 | 1,212.53 | 5 | 1,578.72 | 5 | 1,944.91 | 5 | 2,311.11 | 5 | 2,677.30 | 5 | 3,043.49 | 5 | 3,409.68 |
| 1/4 | 142.78 | 1/4 | 488.04 | 1/4 | 853.97 | 1/4 | 1,220.16 | 1/4 | 1,586.35 | 1/4 | 1,952.54 | 1/4 | 2,318.74 | 1/4 | 2,684.93 | 1/4 | 3,051.12 | 1/4 | 3,417.31 |
| 1/2 | 149.60 | 1/2 | 495.60 | 1/2 | 861.60 | 1/2 | 1,227.79 | 1/2 | 1,593.98 | 1/2 | 1,960.17 | 1/2 | 2,326.37 | 1/2 | 2,692.56 | 1/2 | 3,058.75 | 1/2 | 3,424.94 |
| 3/4 | 156.42 | 3/4 | 503.17 | 3/4 | 869.23 | 3/4 | 1,235.42 | 3/4 | 1,601.61 | 3/4 | 1,967.80 | 3/4 | 2,333.99 | 3/4 | 2,700.18 | 3/4 | 3,066.38 | 3/4 | 3,432.57 |
| 6 | 163.24 | 6 | 510.73 | 6 | 876.86 | 6 | 1,243.05 | 6 | 1,609.24 | 6 | 1,975.43 | 6 | 2,341.62 | 6 | 2,707.81 | 6 | 3,074.01 | 6 | 3,440.20 |
| 1/4 | 170.16 | 1/4 | 518.34 | 1/4 | 884.49 | 1/4 | 1,250.68 | 1/4 | 1,616.87 | 1/4 | 1,983.06 | 1/4 | 2,349.25 | 1/4 | 2,715.44 | 1/4 | 3,081.64 | 1/4 | 3,447.83 |
| 1/2 | 177.07 | 1/2 | 525.96 | 1/2 | 892.12 | 1/2 | 1,258.31 | 1/2 | 1,624.50 | 1/2 | 1,990.69 | 1/2 | 2,356.88 | 1/2 | 2,723.07 | 1/2 | 3,089.27 | 1/2 | 3,455.46 |
| 3/4 | 183.99 | 3/4 | 533.57 | 3/4 | 899.74 | 3/4 | 1,265.93 | 3/4 | 1,632.12 | 3/4 | 1,998.32 | 3/4 | 2,364.51 | 3/4 | 2,730.70 | 3/4 | 3,096.89 | 3/4 | 3,463.08 |
| 7 | 190.90 | 7 | 541.18 | 7 | 907.37 | 7 | 1,273.56 | 7 | 1,639.75 | 7 | 2,005.95 | 7 | 2,372.14 | 7 | 2,738.33 | 7 | 3,104.52 | 7 | 3,470.71 |
| 1/4 | 197.85 | 1/4 | 548.81 | 1/4 | 915.00 | 1/4 | 1,281.19 | 1/4 | 1,647.38 | 1/4 | 2,013.58 | 1/4 | 2,379.77 | 1/4 | 2,745.96 | 1/4 | 3,112.15 | 1/4 | 3,478.34 |
| 1/2 | 204.79 | 1/2 | 556.44 | 1/2 | 922.63 | 1/2 | 1,288.82 | 1/2 | 1,655.01 | 1/2 | 2,021.21 | 1/2 | 2,387.40 | 1/2 | 2,753.59 | 1/2 | 3,119.78 | 1/2 | 3,485.97 |
| 3/4 | 211.74 | 3/4 | 564.07 | 3/4 | 930.26 | 3/4 | 1,296.45 | 3/4 | 1,662.64 | 3/4 | 2,028.83 | 3/4 | 2,395.02 | 3/4 | 2,761.22 | 3/4 | 3,127.41 | 3/4 | 3,493.60 |
| 8 | 218.68 | 8 | 571.70 | 8 | 937.89 | 8 | 1,304.08 | 8 | 1,670.27 | 8 | 2,036.46 | 8 | 2,402.65 | 8 | 2,768.85 | 8 | 3,135.04 | 8 | 3,501.23 |
| 1/4 | 225.72 | 1/4 | 579.33 | 1/4 | 945.52 | 1/4 | 1,311.71 | 1/4 | 1,677.90 | 1/4 | 2,044.09 | 1/4 | 2,410.28 | 1/4 | 2,776.48 | 1/4 | 3,142.67 | 1/4 | 3,508.86 |
| 1/2 | 232.76 | 1/2 | 586.96 | 1/2 | 953.15 | 1/2 | 1,319.34 | 1/2 | 1,685.53 | 1/2 | 2,051.72 | 1/2 | 2,417.91 | 1/2 | 2,784.11 | 1/2 | 3,150.30 | 1/2 | 3,516.49 |
| 3/4 | 239.79 | 3/4 | 594.58 | 3/4 | 960.77 | 3/4 | 1,326.97 | 3/4 | 1,693.16 | 3/4 | 2,059.35 | 3/4 | 2,425.54 | 3/4 | 2,791.73 | 3/4 | 3,157.92 | 3/4 | 3,524.12 |
| 9 | 246.83 | 9 | 602.21 | 9 | 968.40 | 9 | 1,334.60 | 9 | 1,700.79 | 9 | 2,066.98 | 9 | 2,433.17 | 9 | 2,799.36 | 9 | 3,165.55 | 9 | 3,531.75 |
| 1/4 | 253.90 | 1/4 | 609.84 | 1/4 | 976.03 | 1/4 | 1,342.23 | 1/4 | 1,708.42 | 1/4 | 2,074.61 | 1/4 | 2,440.80 | 1/4 | 2,806.99 | 1/4 | 3,173.18 | 1/4 | 3,539.38 |
| 1/2 | 260.97 | 1/2 | 617.47 | 1/2 | 983.66 | 1/2 | 1,349.86 | 1/2 | 1,716.05 | 1/2 | 2,082.24 | 1/2 | 2,448.43 | 1/2 | 2,814.62 | 1/2 | 3,180.81 | 1/2 | 3,547.01 |
| 3/4 | 268.03 | 3/4 | 625.10 | 3/4 | 991.29 | 3/4 | 1,357.48 | 3/4 | 1,723.67 | 3/4 | 2,089.86 | 3/4 | 2,456.06 | 3/4 | 2,822.25 | 3/4 | 3,188.44 | 3/4 | 3,554.63 |
| 10 | 275.10 | 10 | 632.73 | 10 | 998.92 | 10 | 1,365.11 | 10 | 1,731.30 | 10 | 2,097.49 | 10 | 2,463.69 | 10 | 2,829.88 | 10 | 3,196.07 | 10 | 3,562.26 |
| 1/4 | 282.26 | 1/4 | 640.36 | 1/4 | 1,006.55 | 1/4 | 1,372.74 | 1/4 | 1,738.93 | 1/4 | 2,105.12 | 1/4 | 2,471.32 | 1/4 | 2,837.51 | 1/4 | 3,203.70 | 1/4 | 3,569.89 |
| 1/2 | 289.43 | 1/2 | 647.99 | 1/2 | 1,014.18 | 1/2 | 1,380.37 | 1/2 | 1,746.56 | 1/2 | 2,112.75 | 1/2 | 2,478.95 | 1/2 | 2,845.14 | 1/2 | 3,211.33 | 1/2 | 3,577.52 |
| 3/4 | 296.59 | 3/4 | 655.61 | 3/4 | 1,021.81 | 3/4 | 1,388.00 | 3/4 | 1,754.19 | 3/4 | 2,120.38 | 3/4 | 2,486.57 | 3/4 | 2,852.76 | 3/4 | 3,218.96 | 3/4 | 3,585.15 |
| 11 | 303.75 | 11 | 663.24 | 11 | 1,029.44 | 11 | 1,395.63 | 11 | 1,761.82 | 11 | 2,128.01 | 11 | 2,494.20 | 11 | 2,860.39 | 11 | 3,226.59 | 11 | 3,592.78 |
| 1/4 | 310.94 | 1/4 | 670.87 | 1/4 | 1,037.07 | 1/4 | 1,403.26 | 1/4 | 1,769.45 | 1/4 | 2,135.64 | 1/4 | 2,501.83 | 1/4 | 2,868.02 | 1/4 | 3,234.22 | 1/4 | 3,600.41 |
| 1/2 | 318.14 | 1/2 | 678.50 | 1/2 | 1,044.70 | 1/2 | 1,410.89 | 1/2 | 1,777.08 | 1/2 | 2,143.27 | 1/2 | 2,509.46 | 1/2 | 2,875.65 | 1/2 | 3,241.85 | 1/2 | 3,608.04 |
| 3/4 | 325.33 | 3/4 | 686.13 | 3/4 | 1,052.32 | 3/4 | 1,418.51 | 3/4 | 1,784.70 | 3/4 | 2,150.90 | 3/4 | 2,517.09 | 3/4 | 2,883.28 | 3/4 | 3,249.47 | 3/4 | 3,615.66 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3008"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

| 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 | 3,623.29 | 0 | 3,989.49 | 0 | 4,355.68 | 0 | 4,721.87 | 0 | 5,088.06 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,630.92 | 1/4 | 3,997.12 | 1/4 | 4,363.31 | 1/4 | 4,729.50 | 1/4 | 5,095.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,638.55 | 1/2 | 4,004.75 | 1/2 | 4,370.94 | 1/2 | 4,737.13 | 1/2 | 5,102.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,646.18 | 3/4 | 4,012.37 | 3/4 | 4,378.56 | 3/4 | 4,744.76 | 3/4 | 5,109.68 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,653.81 | 1 | 4,020.00 | 1 | 4,386.19 | 1 | 4,752.39 | 1 | 5,116.88 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,661.44 | 1/4 | 4,027.63 | 1/4 | 4,393.82 | 1/4 | 4,760.02 | 1/4 | 5,123.10 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,669.07 | 1/2 | 4,035.26 | 1/2 | 4,401.45 | 1/2 | 4,767.65 | 1/2 | 5,129.32 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,676.70 | 3/4 | 4,042.89 | 3/4 | 4,409.08 | 3/4 | 4,775.27 | 3/4 | 5,135.53 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,684.33 | 2 | 4,050.52 | 2 | 4,416.71 | 2 | 4,782.90 | 2 | 5,141.75 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,691.96 | 1/4 | 4,058.15 | 1/4 | 4,424.34 | 1/4 | 4,790.53 | 1/4 | 5,146.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,699.59 | 1/2 | 4,065.78 | 1/2 | 4,431.97 | 1/2 | 4,798.16 | 1/2 | 5,151.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,707.21 | 3/4 | 4,073.40 | 3/4 | 4,439.60 | 3/4 | 4,805.79 | 3/4 | 5,157.01 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,714.84 | 3 | 4,081.03 | 3 | 4,447.23 | 3 | 4,813.42 | 3 | 5,162.09 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,722.47 | 1/4 | 4,088.66 | 1/4 | 4,454.86 | 1/4 | 4,821.05 | 1/4 | 5,166.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,730.10 | 1/2 | 4,096.29 | 1/2 | 4,462.49 | 1/2 | 4,828.68 | 1/2 | 5,170.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,737.73 | 3/4 | 4,103.92 | 3/4 | 4,470.11 | 3/4 | 4,836.30 | 3/4 | 5,173.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,745.36 | 4 | 4,111.55 | 4 | 4,477.74 | 4 | 4,843.93 | 4 | 5,177.90 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,752.99 | 1/4 | 4,119.18 | 1/4 | 4,485.37 | 1/4 | 4,851.56 | 1/4 | 5,180.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,760.62 | 1/2 | 4,126.81 | 1/2 | 4,493.00 | 1/2 | 4,859.19 | 1/2 | 5,183.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,768.24 | 3/4 | 4,134.44 | 3/4 | 4,500.63 | 3/4 | 4,866.82 | 3/4 | 5,186.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,775.87 | 5 | 4,142.07 | 5 | 4,508.26 | 5 | 4,874.45 | 5 | 5,189.19 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,783.50 | 1/4 | 4,149.70 | 1/4 | 4,515.89 | 1/4 | 4,882.08 | 1/4 | 5,190.88 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,791.13 | 1/2 | 4,157.33 | 1/2 | 4,523.52 | 1/2 | 4,889.71 | 1/2 | 5,192.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,798.76 | 3/4 | 4,164.95 | 3/4 | 4,531.14 | 3/4 | 4,897.34 | 3/4 | 5,194.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,806.39 | 6 | 4,172.58 | 6 | 4,538.77 | 6 | 4,904.97 | 6 | 5,195.96 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,814.02 | 1/4 | 4,180.21 | 1/4 | 4,546.40 | 1/4 | 4,912.60 | 1/4 | 5,196.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,821.65 | 1/2 | 4,187.84 | 1/2 | 4,554.03 | 1/2 | 4,920.23 | 1/2 | 5,197.30 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,829.28 | 3/4 | 4,195.47 | 3/4 | 4,561.66 | 3/4 | 4,927.85 | 3/4 | 5,197.96 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,836.91 | 7 | 4,203.10 | 7 | 4,569.29 | 7 | 4,935.48 | 7 | 5,198.63 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,844.54 | 1/4 | 4,210.73 | 1/4 | 4,576.92 | 1/4 | 4,943.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,852.17 | 1/2 | 4,218.36 | 1/2 | 4,584.55 | 1/2 | 4,950.74 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,859.79 | 3/4 | 4,225.98 | 3/4 | 4,592.18 | 3/4 | 4,958.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,867.42 | 8 | 4,233.61 | 8 | 4,599.81 | 8 | 4,966.00 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,875.05 | 1/4 | 4,241.24 | 1/4 | 4,607.44 | 1/4 | 4,973.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,882.68 | 1/2 | 4,248.87 | 1/2 | 4,615.07 | 1/2 | 4,981.26 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,890.31 | 3/4 | 4,256.50 | 3/4 | 4,622.69 | 3/4 | 4,988.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,897.94 | 9 | 4,264.13 | 9 | 4,630.32 | 9 | 4,996.51 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,905.57 | 1/4 | 4,271.76 | 1/4 | 4,637.95 | 1/4 | 5,004.14 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,913.20 | 1/2 | 4,279.39 | 1/2 | 4,645.58 | 1/2 | 5,011.77 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,920.82 | 3/4 | 4,287.02 | 3/4 | 4,653.21 | 3/4 | 5,019.40 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,928.45 | 10 | 4,294.65 | 10 | 4,660.84 | 10 | 5,027.03 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,936.08 | 1/4 | 4,302.28 | 1/4 | 4,668.47 | 1/4 | 5,034.66 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,943.71 | 1/2 | 4,309.91 | 1/2 | 4,676.10 | 1/2 | 5,042.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,951.34 | 3/4 | 4,317.53 | 3/4 | 4,683.72 | 3/4 | 5,049.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,958.97 | 11 | 4,325.16 | 11 | 4,691.35 | 11 | 5,057.55 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,966.60 | 1/4 | 4,332.79 | 1/4 | 4,698.98 | 1/4 | 5,065.18 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,974.23 | 1/2 | 4,340.42 | 1/2 | 4,706.61 | 1/2 | 5,072.81 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,981.86 | 3/4 | 4,348.05 | 3/4 | 4,714.24 | 3/4 | 5,080.43 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2014 SW
DECK MEASUREMENTS: 07/25/2014 SW
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3008"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/4"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 13.28 | 0 | 343.70 | 0 | 687.43 | 0 | 1,031.16 | 0 | 1,374.88 | 0 | 1,718.61 | 0 | 2,062.34 | 0 | 2,406.07 | 0 | 2,749.80 | 0 | 3,093.52 |
| 1/4 | 17.88 | 1/4 | 350.86 | 1/4 | 694.59 | 1/4 | 1,038.32 | 1/4 | 1,382.04 | 1/4 | 1,725.77 | 1/4 | 2,069.50 | 1/4 | 2,413.23 | 1/4 | 2,756.96 | 1/4 | 3,100.68 |
| 1/2 | 22.49 | 1/2 | 358.02 | 1/2 | 701.75 | 1/2 | 1,045.48 | 1/2 | 1,389.21 | 1/2 | 1,732.94 | 1/2 | 2,076.66 | 1/2 | 2,420.39 | 1/2 | 2,764.12 | 1/2 | 3,107.84 |
| 3/4 | 27.09 | 3/4 | 365.18 | 3/4 | 708.91 | 3/4 | 1,052.64 | 3/4 | 1,396.37 | 3/4 | 1,740.10 | 3/4 | 2,083.82 | 3/4 | 2,427.55 | 3/4 | 2,771.28 | 3/4 | 3,115.01 |
| 1 | 31.69 | 1 | 372.34 | 1 | 716.07 | 1 | 1,059.80 | 1 | 1,403.53 | 1 | 1,747.26 | 1 | 2,090.98 | 1 | 2,434.71 | 1 | 2,778.44 | 1 | 3,122.17 |
| 1/4 | 38.08 | 1/4 | 379.50 | 1/4 | 723.23 | 1/4 | 1,066.96 | 1/4 | 1,410.69 | 1/4 | 1,754.42 | 1/4 | 2,098.14 | 1/4 | 2,441.87 | 1/4 | 2,785.60 | 1/4 | 3,129.33 |
| 1/2 | 44.48 | 1/2 | 386.67 | 1/2 | 730.39 | 1/2 | 1,074.12 | 1/2 | 1,417.85 | 1/2 | 1,761.58 | 1/2 | 2,105.31 | 1/2 | 2,449.03 | 1/2 | 2,792.76 | 1/2 | 3,136.49 |
| 3/4 | 50.87 | 3/4 | 393.83 | 3/4 | 737.55 | 3/4 | 1,081.28 | 3/4 | 1,425.01 | 3/4 | 1,768.74 | 3/4 | 2,112.47 | 3/4 | 2,456.20 | 3/4 | 2,799.92 | 3/4 | 3,143.65 |
| 2 | 57.26 | 2 | 400.99 | 2 | 744.71 | 2 | 1,088.44 | 2 | 1,432.17 | 2 | 1,775.90 | 2 | 2,119.63 | 2 | 2,463.36 | 2 | 2,807.08 | 2 | 3,150.81 |
| 1/4 | 64.42 | 1/4 | 408.15 | 1/4 | 751.87 | 1/4 | 1,095.60 | 1/4 | 1,439.33 | 1/4 | 1,783.06 | 1/4 | 2,126.79 | 1/4 | 2,470.52 | 1/4 | 2,814.24 | 1/4 | 3,157.97 |
| 1/2 | 71.58 | 1/2 | 415.31 | 1/2 | 759.04 | 1/2 | 1,102.77 | 1/2 | 1,446.50 | 1/2 | 1,790.22 | 1/2 | 2,133.95 | 1/2 | 2,477.68 | 1/2 | 2,821.40 | 1/2 | 3,165.13 |
| 3/4 | 78.74 | 3/4 | 422.47 | 3/4 | 766.20 | 3/4 | 1,109.93 | 3/4 | 1,453.66 | 3/4 | 1,797.38 | 3/4 | 2,141.11 | 3/4 | 2,484.84 | 3/4 | 2,828.57 | 3/4 | 3,172.30 |
| 3 | 85.90 | 3 | 429.63 | 3 | 773.36 | 3 | 1,117.09 | 3 | 1,460.82 | 3 | 1,804.54 | 3 | 2,148.27 | 3 | 2,492.00 | 3 | 2,835.73 | 3 | 3,179.46 |
| 1/4 | 93.06 | 1/4 | 436.79 | 1/4 | 780.52 | 1/4 | 1,124.25 | 1/4 | 1,467.98 | 1/4 | 1,811.70 | 1/4 | 2,155.43 | 1/4 | 2,499.16 | 1/4 | 2,842.89 | 1/4 | 3,186.62 |
| 1/2 | 100.23 | 1/2 | 443.96 | 1/2 | 787.68 | 1/2 | 1,131.41 | 1/2 | 1,475.14 | 1/2 | 1,818.87 | 1/2 | 2,162.60 | 1/2 | 2,506.32 | 1/2 | 2,850.05 | 1/2 | 3,193.78 |
| 3/4 | 107.39 | 3/4 | 451.12 | 3/4 | 794.84 | 3/4 | 1,138.57 | 3/4 | 1,482.30 | 3/4 | 1,826.03 | 3/4 | 2,169.76 | 3/4 | 2,513.48 | 3/4 | 2,857.21 | 3/4 | 3,200.94 |
| 4 | 114.55 | 4 | 458.28 | 4 | 802.00 | 4 | 1,145.73 | 4 | 1,489.46 | 4 | 1,833.19 | 4 | 2,176.92 | 4 | 2,520.64 | 4 | 2,864.37 | 4 | 3,208.10 |
| 1/4 | 121.71 | 1/4 | 465.44 | 1/4 | 809.16 | 1/4 | 1,152.89 | 1/4 | 1,496.62 | 1/4 | 1,840.35 | 1/4 | 2,184.08 | 1/4 | 2,527.80 | 1/4 | 2,871.53 | 1/4 | 3,215.26 |
| 1/2 | 128.87 | 1/2 | 472.60 | 1/2 | 816.33 | 1/2 | 1,160.06 | 1/2 | 1,503.78 | 1/2 | 1,847.51 | 1/2 | 2,191.24 | 1/2 | 2,534.96 | 1/2 | 2,878.69 | 1/2 | 3,222.42 |
| 3/4 | 136.03 | 3/4 | 479.76 | 3/4 | 823.49 | 3/4 | 1,167.22 | 3/4 | 1,510.94 | 3/4 | 1,854.67 | 3/4 | 2,198.40 | 3/4 | 2,542.13 | 3/4 | 2,885.86 | 3/4 | 3,229.58 |
| 5 | 143.19 | 5 | 486.92 | 5 | 830.65 | 5 | 1,174.38 | 5 | 1,518.10 | 5 | 1,861.83 | 5 | 2,205.56 | 5 | 2,549.29 | 5 | 2,893.02 | 5 | 3,236.74 |
| 1/4 | 150.35 | 1/4 | 494.08 | 1/4 | 837.81 | 1/4 | 1,181.54 | 1/4 | 1,525.26 | 1/4 | 1,868.99 | 1/4 | 2,212.72 | 1/4 | 2,556.45 | 1/4 | 2,900.18 | 1/4 | 3,243.90 |
| 1/2 | 157.52 | 1/2 | 501.24 | 1/2 | 844.97 | 1/2 | 1,188.70 | 1/2 | 1,532.43 | 1/2 | 1,876.16 | 1/2 | 2,219.88 | 1/2 | 2,563.61 | 1/2 | 2,907.34 | 1/2 | 3,251.06 |
| 3/4 | 164.68 | 3/4 | 508.40 | 3/4 | 852.13 | 3/4 | 1,195.86 | 3/4 | 1,539.59 | 3/4 | 1,883.32 | 3/4 | 2,227.04 | 3/4 | 2,570.77 | 3/4 | 2,914.50 | 3/4 | 3,258.23 |
| 6 | 171.84 | 6 | 515.56 | 6 | 859.29 | 6 | 1,203.02 | 6 | 1,546.75 | 6 | 1,890.48 | 6 | 2,234.20 | 6 | 2,577.93 | 6 | 2,921.66 | 6 | 3,265.39 |
| 1/4 | 179.00 | 1/4 | 522.72 | 1/4 | 866.45 | 1/4 | 1,210.18 | 1/4 | 1,553.91 | 1/4 | 1,897.64 | 1/4 | 2,241.36 | 1/4 | 2,585.09 | 1/4 | 2,928.82 | 1/4 | 3,272.55 |
| 1/2 | 186.16 | 1/2 | 529.89 | 1/2 | 873.61 | 1/2 | 1,217.34 | 1/2 | 1,561.07 | 1/2 | 1,904.80 | 1/2 | 2,248.53 | 1/2 | 2,592.25 | 1/2 | 2,935.98 | 1/2 | 3,279.71 |
| 3/4 | 193.32 | 3/4 | 537.05 | 3/4 | 880.77 | 3/4 | 1,224.50 | 3/4 | 1,568.23 | 3/4 | 1,911.96 | 3/4 | 2,255.69 | 3/4 | 2,599.42 | 3/4 | 2,943.14 | 3/4 | 3,286.87 |
| 7 | 200.48 | 7 | 544.21 | 7 | 887.93 | 7 | 1,231.66 | 7 | 1,575.39 | 7 | 1,919.12 | 7 | 2,262.85 | 7 | 2,606.58 | 7 | 2,950.30 | 7 | 3,294.03 |
| 1/4 | 207.64 | 1/4 | 551.37 | 1/4 | 895.09 | 1/4 | 1,238.82 | 1/4 | 1,582.55 | 1/4 | 1,926.28 | 1/4 | 2,270.01 | 1/4 | 2,613.74 | 1/4 | 2,957.46 | 1/4 | 3,301.19 |
| 1/2 | 214.80 | 1/2 | 558.53 | 1/2 | 902.26 | 1/2 | 1,245.99 | 1/2 | 1,589.72 | 1/2 | 1,933.44 | 1/2 | 2,277.17 | 1/2 | 2,620.90 | 1/2 | 2,964.62 | 1/2 | 3,308.35 |
| 3/4 | 221.96 | 3/4 | 565.69 | 3/4 | 909.42 | 3/4 | 1,253.15 | 3/4 | 1,596.88 | 3/4 | 1,940.60 | 3/4 | 2,284.33 | 3/4 | 2,628.06 | 3/4 | 2,971.79 | 3/4 | 3,315.52 |
| 8 | 229.12 | 8 | 572.85 | 8 | 916.58 | 8 | 1,260.31 | 8 | 1,604.04 | 8 | 1,947.76 | 8 | 2,291.49 | 8 | 2,635.22 | 8 | 2,978.95 | 8 | 3,322.68 |
| 1/4 | 236.28 | 1/4 | 580.01 | 1/4 | 923.74 | 1/4 | 1,267.47 | 1/4 | 1,611.20 | 1/4 | 1,954.92 | 1/4 | 2,298.65 | 1/4 | 2,642.38 | 1/4 | 2,986.11 | 1/4 | 3,329.84 |
| 1/2 | 243.45 | 1/2 | 587.17 | 1/2 | 930.90 | 1/2 | 1,274.63 | 1/2 | 1,618.36 | 1/2 | 1,962.09 | 1/2 | 2,305.82 | 1/2 | 2,649.54 | 1/2 | 2,993.27 | 1/2 | 3,337.00 |
| 3/4 | 250.61 | 3/4 | 594.33 | 3/4 | 938.06 | 3/4 | 1,281.79 | 3/4 | 1,625.52 | 3/4 | 1,969.25 | 3/4 | 2,312.98 | 3/4 | 2,656.70 | 3/4 | 3,000.43 | 3/4 | 3,344.16 |
| 9 | 257.77 | 9 | 601.49 | 9 | 945.22 | 9 | 1,288.95 | 9 | 1,632.68 | 9 | 1,976.41 | 9 | 2,320.14 | 9 | 2,663.86 | 9 | 3,007.59 | 9 | 3,351.32 |
| 1/4 | 264.93 | 1/4 | 608.65 | 1/4 | 952.38 | 1/4 | 1,296.11 | 1/4 | 1,639.84 | 1/4 | 1,983.57 | 1/4 | 2,327.30 | 1/4 | 2,671.02 | 1/4 | 3,014.75 | 1/4 | 3,358.48 |
| 1/2 | 272.09 | 1/2 | 615.82 | 1/2 | 959.55 | 1/2 | 1,303.28 | 1/2 | 1,647.00 | 1/2 | 1,990.73 | 1/2 | 2,334.46 | 1/2 | 2,678.18 | 1/2 | 3,021.91 | 1/2 | 3,365.64 |
| 3/4 | 279.25 | 3/4 | 622.98 | 3/4 | 966.71 | 3/4 | 1,310.44 | 3/4 | 1,654.16 | 3/4 | 1,997.89 | 3/4 | 2,341.62 | 3/4 | 2,685.35 | 3/4 | 3,029.08 | 3/4 | 3,372.80 |
| 10 | 286.41 | 10 | 630.14 | 10 | 973.87 | 10 | 1,317.60 | 10 | 1,661.32 | 10 | 2,005.05 | 10 | 2,348.78 | 10 | 2,692.51 | 10 | 3,036.24 | 10 | 3,379.96 |
| 1/4 | 293.57 | 1/4 | 637.30 | 1/4 | 981.03 | 1/4 | 1,324.76 | 1/4 | 1,668.48 | 1/4 | 2,012.21 | 1/4 | 2,355.94 | 1/4 | 2,699.67 | 1/4 | 3,043.40 | 1/4 | 3,387.12 |
| 1/2 | 300.74 | 1/2 | 644.46 | 1/2 | 988.19 | 1/2 | 1,331.92 | 1/2 | 1,675.65 | 1/2 | 2,019.38 | 1/2 | 2,363.10 | 1/2 | 2,706.83 | 1/2 | 3,050.56 | 1/2 | 3,394.28 |
| 3/4 | 307.90 | 3/4 | 651.62 | 3/4 | 995.35 | 3/4 | 1,339.08 | 3/4 | 1,682.81 | 3/4 | 2,026.54 | 3/4 | 2,370.26 | 3/4 | 2,713.99 | 3/4 | 3,057.72 | 3/4 | 3,401.45 |
| 11 | 315.06 | 11 | 658.78 | 11 | 1,002.51 | 11 | 1,346.24 | 11 | 1,689.97 | 11 | 2,033.70 | 11 | 2,377.42 | 11 | 2,721.15 | 11 | 3,064.88 | 11 | 3,408.61 |
| 1/4 | 322.22 | 1/4 | 665.94 | 1/4 | 1,009.67 | 1/4 | 1,353.40 | 1/4 | 1,697.13 | 1/4 | 2,040.86 | 1/4 | 2,384.58 | 1/4 | 2,728.31 | 1/4 | 3,072.04 | 1/4 | 3,415.77 |
| 1/2 | 329.38 | 1/2 | 673.11 | 1/2 | 1,016.84 | 1/2 | 1,360.56 | 1/2 | 1,704.29 | 1/2 | 2,048.02 | 1/2 | 2,391.75 | 1/2 | 2,735.47 | 1/2 | 3,079.20 | 1/2 | 3,422.93 |
| 3/4 | 336.54 | 3/4 | 680.27 | 3/4 | 1,024.00 | 3/4 | 1,367.72 | 3/4 | 1,711.45 | 3/4 | 2,055.18 | 3/4 | 2,398.91 | 3/4 | 2,742.64 | 3/4 | 3,086.36 | 3/4 | 3,430.09 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "NGL 3008"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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 | 3,437.25 | 0 | 3,780.98 | 0 | 4,124.71 | 0 | 4,468.44 | 0 | 4,809.91 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,444.41 | 1/4 | 3,788.14 | 1/4 | 4,131.87 | 1/4 | 4,475.59 | 1/4 | 4,816.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,451.57 | 1/2 | 3,795.30 | 1/2 | 4,139.03 | 1/2 | 4,482.73 | 1/2 | 4,823.33 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,458.74 | 3/4 | 3,802.46 | 3/4 | 4,146.19 | 3/4 | 4,489.88 | 3/4 | 4,830.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,465.90 | 1 | 3,809.62 | 1 | 4,153.35 | 1 | 4,497.03 | 1 | 4,836.76 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,473.06 | 1/4 | 3,816.78 | 1/4 | 4,160.51 | 1/4 | 4,504.14 | 1/4 | 4,842.58 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,480.22 | 1/2 | 3,823.94 | 1/2 | 4,167.67 | 1/2 | 4,511.25 | 1/2 | 4,848.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,487.38 | 3/4 | 3,831.11 | 3/4 | 4,174.84 | 3/4 | 4,518.36 | 3/4 | 4,854.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,494.54 | 2 | 3,838.27 | 2 | 4,182.00 | 2 | 4,525.47 | 2 | 4,860.05 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,501.70 | 1/4 | 3,845.43 | 1/4 | 4,189.16 | 1/4 | 4,532.58 | 1/4 | 4,864.82 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,508.86 | 1/2 | 3,852.59 | 1/2 | 4,196.32 | 1/2 | 4,539.69 | 1/2 | 4,869.59 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,516.02 | 3/4 | 3,859.75 | 3/4 | 4,203.48 | 3/4 | 4,546.81 | 3/4 | 4,874.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,523.18 | 3 | 3,866.91 | 3 | 4,210.64 | 3 | 4,553.92 | 3 | 4,879.13 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,530.34 | 1/4 | 3,874.07 | 1/4 | 4,217.80 | 1/4 | 4,561.03 | 1/4 | 4,882.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,537.50 | 1/2 | 3,881.23 | 1/2 | 4,224.96 | 1/2 | 4,568.14 | 1/2 | 4,886.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,544.67 | 3/4 | 3,888.40 | 3/4 | 4,232.12 | 3/4 | 4,575.25 | 3/4 | 4,890.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,551.83 | 4 | 3,895.56 | 4 | 4,239.28 | 4 | 4,582.36 | 4 | 4,893.97 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,558.99 | 1/4 | 3,902.72 | 1/4 | 4,246.44 | 1/4 | 4,589.47 | 1/4 | 4,896.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,566.15 | 1/2 | 3,909.88 | 1/2 | 4,253.60 | 1/2 | 4,596.58 | 1/2 | 4,899.27 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,573.31 | 3/4 | 3,917.04 | 3/4 | 4,260.77 | 3/4 | 4,603.70 | 3/4 | 4,903.93 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,580.47 | 5 | 3,924.20 | 5 | 4,267.93 | 5 | 4,610.81 | 5 | 4,904.58 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,587.63 | 1/4 | 3,931.36 | 1/4 | 4,275.09 | 1/4 | 4,617.92 | 1/4 | 4,906.17 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,594.79 | 1/2 | 3,938.52 | 1/2 | 4,282.25 | 1/2 | 4,625.03 | 1/2 | 4,907.75 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,601.96 | 3/4 | 3,945.68 | 3/4 | 4,289.41 | 3/4 | 4,632.14 | 3/4 | 4,909.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,609.12 | 6 | 3,952.84 | 6 | 4,296.57 | 6 | 4,639.25 | 6 | 4,910.93 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,616.28 | 1/4 | 3,960.00 | 1/4 | 4,303.73 | 1/4 | 4,646.36 | 1/4 | 4,911.55 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,623.44 | 1/2 | 3,967.16 | 1/2 | 4,310.89 | 1/2 | 4,653.47 | 1/2 | 4,912.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,630.60 | 3/4 | 3,974.33 | 3/4 | 4,318.06 | 3/4 | 4,660.58 | 3/4 | 4,912.80 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,637.76 | 7 | 3,981.49 | 7 | 4,325.22 | 7 | 4,667.69 | 7 | 4,913.43 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,644.92 | 1/4 | 3,988.65 | 1/4 | 4,332.38 | 1/4 | 4,674.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,652.08 | 1/2 | 3,995.81 | 1/2 | 4,339.54 | 1/2 | 4,681.91 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,659.24 | 3/4 | 4,002.97 | 3/4 | 4,346.70 | 3/4 | 4,689.03 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,666.40 | 8 | 4,010.13 | 8 | 4,353.86 | 8 | 4,696.14 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,673.56 | 1/4 | 4,017.29 | 1/4 | 4,361.02 | 1/4 | 4,703.25 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,680.72 | 1/2 | 4,024.45 | 1/2 | 4,368.18 | 1/2 | 4,710.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,687.89 | 3/4 | 4,031.62 | 3/4 | 4,375.34 | 3/4 | 4,717.47 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,695.05 | 9 | 4,038.78 | 9 | 4,382.50 | 9 | 4,724.58 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,702.21 | 1/4 | 4,045.94 | 1/4 | 4,389.66 | 1/4 | 4,731.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,709.37 | 1/2 | 4,053.10 | 1/2 | 4,396.82 | 1/2 | 4,738.80 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,716.53 | 3/4 | 4,060.26 | 3/4 | 4,403.99 | 3/4 | 4,745.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,723.69 | 10 | 4,067.42 | 10 | 4,411.15 | 10 | 4,753.03 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,730.85 | 1/4 | 4,074.58 | 1/4 | 4,418.31 | 1/4 | 4,760.14 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,738.01 | 1/2 | 4,081.74 | 1/2 | 4,425.47 | 1/2 | 4,767.25 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,745.18 | 3/4 | 4,088.90 | 3/4 | 4,432.63 | 3/4 | 4,774.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,752.34 | 11 | 4,096.06 | 11 | 4,439.79 | 11 | 4,781.47 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,759.50 | 1/4 | 4,103.22 | 1/4 | 4,446.95 | 1/4 | 4,788.58 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,766.66 | 1/2 | 4,110.38 | 1/2 | 4,454.11 | 1/2 | 4,795.69 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,773.82 | 3/4 | 4,117.55 | 3/4 | 4,461.28 | 3/4 | 4,802.80 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2014 SW
DECK MEASUREMENTS: 07/25/2014 SW
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3008"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/4"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 10.21 | 0 | 336.54 | 0 | 680.27 | 0 | 1,023.99 | 0 | 1,367.72 | 0 | 1,711.45 | 0 | 2,055.18 | 0 | 2,398.91 | 0 | 2,742.63 | 0 | 3,086.36 |
| 1/4 | 14.30 | 1/4 | 343.70 | 1/4 | 687.43 | 1/4 | 1,031.15 | 1/4 | 1,374.88 | 1/4 | 1,718.61 | 1/4 | 2,062.34 | 1/4 | 2,406.07 | 1/4 | 2,749.79 | 1/4 | 3,093.52 |
| 1/2 | 18.39 | 1/2 | 350.86 | 1/2 | 694.59 | 1/2 | 1,038.32 | 1/2 | 1,382.05 | 1/2 | 1,725.77 | 1/2 | 2,069.50 | 1/2 | 2,413.23 | 1/2 | 2,756.95 | 1/2 | 3,100.68 |
| 3/4 | 22.48 | 3/4 | 358.02 | 3/4 | 701.75 | 3/4 | 1,045.48 | 3/4 | 1,389.21 | 3/4 | 1,732.93 | 3/4 | 2,076.66 | 3/4 | 2,420.39 | 3/4 | 2,764.12 | 3/4 | 3,107.85 |
| 1 | 26.57 | 1 | 365.18 | 1 | 708.91 | 1 | 1,052.64 | 1 | 1,396.37 | 1 | 1,740.09 | 1 | 2,083.82 | 1 | 2,427.55 | 1 | 2,771.28 | 1 | 3,115.01 |
| 1/4 | 32.45 | 1/4 | 372.34 | 1/4 | 716.07 | 1/4 | 1,059.80 | 1/4 | 1,403.53 | 1/4 | 1,747.25 | 1/4 | 2,090.98 | 1/4 | 2,434.71 | 1/4 | 2,778.44 | 1/4 | 3,122.17 |
| 1/2 | 38.34 | 1/2 | 379.51 | 1/2 | 723.23 | 1/2 | 1,066.96 | 1/2 | 1,410.69 | 1/2 | 1,754.42 | 1/2 | 2,098.15 | 1/2 | 2,441.87 | 1/2 | 2,785.60 | 1/2 | 3,129.33 |
| 3/4 | 44.22 | 3/4 | 386.67 | 3/4 | 730.39 | 3/4 | 1,074.12 | 3/4 | 1,417.85 | 3/4 | 1,761.58 | 3/4 | 2,105.31 | 3/4 | 2,449.03 | 3/4 | 2,792.76 | 3/4 | 3,136.49 |
| 2 | 50.10 | 2 | 393.83 | 2 | 737.55 | 2 | 1,081.28 | 2 | 1,425.01 | 2 | 1,768.74 | 2 | 2,112.47 | 2 | 2,456.19 | 2 | 2,799.92 | 2 | 3,143.65 |
| 1/4 | 57.26 | 1/4 | 400.99 | 1/4 | 744.71 | 1/4 | 1,088.44 | 1/4 | 1,432.17 | 1/4 | 1,775.90 | 1/4 | 2,119.63 | 1/4 | 2,463.35 | 1/4 | 2,807.08 | 1/4 | 3,150.81 |
| 1/2 | 64.42 | 1/2 | 408.15 | 1/2 | 751.88 | 1/2 | 1,095.61 | 1/2 | 1,439.33 | 1/2 | 1,783.06 | 1/2 | 2,126.79 | 1/2 | 2,470.51 | 1/2 | 2,814.24 | 1/2 | 3,157.97 |
| 3/4 | 71.58 | 3/4 | 415.31 | 3/4 | 759.04 | 3/4 | 1,102.77 | 3/4 | 1,446.49 | 3/4 | 1,790.22 | 3/4 | 2,133.95 | 3/4 | 2,477.68 | 3/4 | 2,821.41 | 3/4 | 3,165.13 |
| 3 | 78.74 | 3 | 422.47 | 3 | 766.20 | 3 | 1,109.93 | 3 | 1,453.65 | 3 | 1,797.38 | 3 | 2,141.11 | 3 | 2,484.84 | 3 | 2,828.57 | 3 | 3,172.29 |
| 1/4 | 85.90 | 1/4 | 429.63 | 1/4 | 773.36 | 1/4 | 1,117.09 | 1/4 | 1,460.81 | 1/4 | 1,804.54 | 1/4 | 2,148.27 | 1/4 | 2,492.00 | 1/4 | 2,835.73 | 1/4 | 3,179.45 |
| 1/2 | 93.07 | 1/2 | 436.79 | 1/2 | 780.52 | 1/2 | 1,124.25 | 1/2 | 1,467.98 | 1/2 | 1,811.71 | 1/2 | 2,155.43 | 1/2 | 2,499.16 | 1/2 | 2,842.89 | 1/2 | 3,186.61 |
| 3/4 | 100.23 | 3/4 | 443.95 | 3/4 | 787.68 | 3/4 | 1,131.41 | 3/4 | 1,475.14 | 3/4 | 1,818.87 | 3/4 | 2,162.59 | 3/4 | 2,506.32 | 3/4 | 2,850.05 | 3/4 | 3,193.78 |
| 4 | 107.39 | 4 | 451.11 | 4 | 794.84 | 4 | 1,138.57 | 4 | 1,482.30 | 4 | 1,826.03 | 4 | 2,169.75 | 4 | 2,513.48 | 4 | 2,857.21 | 4 | 3,200.94 |
| 1/4 | 114.55 | 1/4 | 458.27 | 1/4 | 802.00 | 1/4 | 1,145.73 | 1/4 | 1,489.46 | 1/4 | 1,833.19 | 1/4 | 2,176.91 | 1/4 | 2,520.64 | 1/4 | 2,864.37 | 1/4 | 3,208.10 |
| 1/2 | 121.71 | 1/2 | 465.44 | 1/2 | 809.17 | 1/2 | 1,152.89 | 1/2 | 1,496.62 | 1/2 | 1,840.35 | 1/2 | 2,184.08 | 1/2 | 2,527.80 | 1/2 | 2,871.53 | 1/2 | 3,215.26 |
| 3/4 | 128.87 | 3/4 | 472.60 | 3/4 | 816.33 | 3/4 | 1,160.05 | 3/4 | 1,503.78 | 3/4 | 1,847.51 | 3/4 | 2,191.24 | 3/4 | 2,534.97 | 3/4 | 2,878.69 | 3/4 | 3,222.42 |
| 5 | 136.03 | 5 | 479.76 | 5 | 823.49 | 5 | 1,167.21 | 5 | 1,510.94 | 5 | 1,854.67 | 5 | 2,198.40 | 5 | 2,542.13 | 5 | 2,885.85 | 5 | 3,229.58 |
| 1/4 | 143.19 | 1/4 | 486.92 | 1/4 | 830.65 | 1/4 | 1,174.37 | 1/4 | 1,518.10 | 1/4 | 1,861.83 | 1/4 | 2,205.56 | 1/4 | 2,549.29 | 1/4 | 2,893.01 | 1/4 | 3,236.74 |
| 1/2 | 150.35 | 1/2 | 494.08 | 1/2 | 837.81 | 1/2 | 1,181.54 | 1/2 | 1,525.27 | 1/2 | 1,868.99 | 1/2 | 2,212.72 | 1/2 | 2,556.45 | 1/2 | 2,900.17 | 1/2 | 3,243.90 |
| 3/4 | 157.51 | 3/4 | 501.24 | 3/4 | 844.97 | 3/4 | 1,188.70 | 3/4 | 1,532.43 | 3/4 | 1,876.15 | 3/4 | 2,219.88 | 3/4 | 2,563.61 | 3/4 | 2,907.34 | 3/4 | 3,251.07 |
| 6 | 164.67 | 6 | 508.40 | 6 | 852.13 | 6 | 1,195.86 | 6 | 1,539.59 | 6 | 1,883.31 | 6 | 2,227.04 | 6 | 2,570.77 | 6 | 2,914.50 | 6 | 3,258.23 |
| 1/4 | 171.83 | 1/4 | 515.56 | 1/4 | 859.29 | 1/4 | 1,203.02 | 1/4 | 1,546.75 | 1/4 | 1,890.47 | 1/4 | 2,234.20 | 1/4 | 2,577.93 | 1/4 | 2,921.66 | 1/4 | 3,265.39 |
| 1/2 | 179.00 | 1/2 | 522.73 | 1/2 | 866.45 | 1/2 | 1,210.18 | 1/2 | 1,553.91 | 1/2 | 1,897.64 | 1/2 | 2,241.37 | 1/2 | 2,585.09 | 1/2 | 2,928.82 | 1/2 | 3,272.55 |
| 3/4 | 186.16 | 3/4 | 529.89 | 3/4 | 873.61 | 3/4 | 1,217.34 | 3/4 | 1,561.07 | 3/4 | 1,904.80 | 3/4 | 2,248.53 | 3/4 | 2,592.25 | 3/4 | 2,935.98 | 3/4 | 3,279.71 |
| 7 | 193.32 | 7 | 537.05 | 7 | 880.77 | 7 | 1,224.50 | 7 | 1,568.23 | 7 | 1,911.96 | 7 | 2,255.69 | 7 | 2,599.41 | 7 | 2,943.14 | 7 | 3,286.87 |
| 1/4 | 200.48 | 1/4 | 544.21 | 1/4 | 887.93 | 1/4 | 1,231.66 | 1/4 | 1,575.39 | 1/4 | 1,919.12 | 1/4 | 2,262.85 | 1/4 | 2,606.57 | 1/4 | 2,950.30 | 1/4 | 3,294.03 |
| 1/2 | 207.64 | 1/2 | 551.37 | 1/2 | 895.10 | 1/2 | 1,238.83 | 1/2 | 1,582.55 | 1/2 | 1,926.28 | 1/2 | 2,270.01 | 1/2 | 2,613.73 | 1/2 | 2,957.46 | 1/2 | 3,301.19 |
| 3/4 | 214.80 | 3/4 | 558.53 | 3/4 | 902.26 | 3/4 | 1,245.99 | 3/4 | 1,589.71 | 3/4 | 1,933.44 | 3/4 | 2,277.17 | 3/4 | 2,620.90 | 3/4 | 2,964.63 | 3/4 | 3,308.35 |
| 8 | 221.96 | 8 | 565.69 | 8 | 909.42 | 8 | 1,253.15 | 8 | 1,596.87 | 8 | 1,940.60 | 8 | 2,284.33 | 8 | 2,628.06 | 8 | 2,971.79 | 8 | 3,315.51 |
| 1/4 | 229.12 | 1/4 | 572.85 | 1/4 | 916.58 | 1/4 | 1,260.31 | 1/4 | 1,604.03 | 1/4 | 1,947.76 | 1/4 | 2,291.49 | 1/4 | 2,635.22 | 1/4 | 2,978.95 | 1/4 | 3,322.67 |
| 1/2 | 236.29 | 1/2 | 580.01 | 1/2 | 923.74 | 1/2 | 1,267.47 | 1/2 | 1,611.20 | 1/2 | 1,954.93 | 1/2 | 2,298.65 | 1/2 | 2,642.38 | 1/2 | 2,986.11 | 1/2 | 3,329.83 |
| 3/4 | 243.45 | 3/4 | 587.17 | 3/4 | 930.90 | 3/4 | 1,274.63 | 3/4 | 1,618.36 | 3/4 | 1,962.09 | 3/4 | 2,305.81 | 3/4 | 2,649.54 | 3/4 | 2,993.27 | 3/4 | 3,337.00 |
| 9 | 250.61 | 9 | 594.33 | 9 | 938.06 | 9 | 1,281.79 | 9 | 1,625.52 | 9 | 1,969.25 | 9 | 2,312.97 | 9 | 2,656.70 | 9 | 3,000.43 | 9 | 3,344.16 |
| 1/4 | 257.77 | 1/4 | 601.49 | 1/4 | 945.22 | 1/4 | 1,288.95 | 1/4 | 1,632.68 | 1/4 | 1,976.41 | 1/4 | 2,320.13 | 1/4 | 2,663.86 | 1/4 | 3,007.59 | 1/4 | 3,351.32 |
| 1/2 | 264.93 | 1/2 | 608.66 | 1/2 | 952.39 | 1/2 | 1,296.11 | 1/2 | 1,639.84 | 1/2 | 1,983.57 | 1/2 | 2,327.30 | 1/2 | 2,671.02 | 1/2 | 3,014.75 | 1/2 | 3,358.48 |
| 3/4 | 272.09 | 3/4 | 615.82 | 3/4 | 959.55 | 3/4 | 1,303.27 | 3/4 | 1,647.00 | 3/4 | 1,990.73 | 3/4 | 2,334.46 | 3/4 | 2,678.19 | 3/4 | 3,021.91 | 3/4 | 3,365.64 |
| 10 | 279.25 | 10 | 622.98 | 10 | 966.71 | 10 | 1,310.43 | 10 | 1,654.16 | 10 | 1,997.89 | 10 | 2,341.62 | 10 | 2,685.35 | 10 | 3,029.07 | 10 | 3,372.80 |
| 1/4 | 286.41 | 1/4 | 630.14 | 1/4 | 973.87 | 1/4 | 1,317.59 | 1/4 | 1,661.32 | 1/4 | 2,005.05 | 1/4 | 2,348.78 | 1/4 | 2,692.51 | 1/4 | 3,036.23 | 1/4 | 3,379.96 |
| 1/2 | 293.57 | 1/2 | 637.30 | 1/2 | 981.03 | 1/2 | 1,324.76 | 1/2 | 1,668.49 | 1/2 | 2,012.21 | 1/2 | 2,355.94 | 1/2 | 2,699.67 | 1/2 | 3,043.39 | 1/2 | 3,387.12 |
| 3/4 | 300.73 | 3/4 | 644.46 | 3/4 | 988.19 | 3/4 | 1,331.92 | 3/4 | 1,675.65 | 3/4 | 2,019.37 | 3/4 | 2,363.10 | 3/4 | 2,706.83 | 3/4 | 3,050.56 | 3/4 | 3,394.29 |
| 11 | 307.89 | 11 | 651.62 | 11 | 995.35 | 11 | 1,339.08 | 11 | 1,682.81 | 11 | 2,026.53 | 11 | 2,370.26 | 11 | 2,713.99 | 11 | 3,057.72 | 11 | 3,401.45 |
| 1/4 | 315.05 | 1/4 | 658.78 | 1/4 | 1,002.51 | 1/4 | 1,346.24 | 1/4 | 1,689.97 | 1/4 | 2,033.69 | 1/4 | 2,377.42 | 1/4 | 2,721.15 | 1/4 | 3,064.88 | 1/4 | 3,408.61 |
| 1/2 | 322.22 | 1/2 | 665.95 | 1/2 | 1,009.67 | 1/2 | 1,353.40 | 1/2 | 1,697.13 | 1/2 | 2,040.86 | 1/2 | 2,384.59 | 1/2 | 2,728.31 | 1/2 | 3,072.04 | 1/2 | 3,415.77 |
| 3/4 | 329.38 | 3/4 | 673.11 | 3/4 | 1,016.83 | 3/4 | 1,360.56 | 3/4 | 1,704.29 | 3/4 | 2,048.02 | 3/4 | 2,391.75 | 3/4 | 2,735.47 | 3/4 | 3,079.20 | 3/4 | 3,422.93 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "NGL 3008"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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 | 3,430.09 | 0 | 3,773.82 | 0 | 4,117.55 | 0 | 4,461.27 | 0 | 4,802.80 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,437.25 | 1/4 | 3,780.98 | 1/4 | 4,124.71 | 1/4 | 4,468.43 | 1/4 | 4,809.64 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,444.41 | 1/2 | 3,788.14 | 1/2 | 4,131.87 | 1/2 | 4,475.59 | 1/2 | 4,816.49 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,451.57 | 3/4 | 3,795.30 | 3/4 | 4,139.03 | 3/4 | 4,482.76 | 3/4 | 4,823.33 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 3,458.73 | 1 | 3,802.46 | 1 | 4,146.19 | 1 | 4,489.92 | 1 | 4,830.18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 3,465.89 | 1/4 | 3,809.62 | 1/4 | 4,153.35 | 1/4 | 4,497.03 | 1/4 | 4,836.25 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,473.05 | 1/2 | 3,816.78 | 1/2 | 4,160.51 | 1/2 | 4,504.14 | 1/2 | 4,842.33 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,480.22 | 3/4 | 3,823.95 | 3/4 | 4,167.67 | 3/4 | 4,511.25 | 3/4 | 4,848.40 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 3,487.38 | 2 | 3,831.11 | 2 | 4,174.83 | 2 | 4,518.36 | 2 | 4,854.48 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 3,494.54 | 1/4 | 3,838.27 | 1/4 | 4,181.99 | 1/4 | 4,525.47 | 1/4 | 4,859.52 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,501.70 | 1/2 | 3,845.43 | 1/2 | 4,189.15 | 1/2 | 4,532.58 | 1/2 | 4,864.55 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,508.86 | 3/4 | 3,852.59 | 3/4 | 4,196.32 | 3/4 | 4,539.70 | 3/4 | 4,869.59 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 3,516.02 | 3 | 3,859.75 | 3 | 4,203.48 | 3 | 4,546.81 | 3 | 4,874.63 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 3,523.18 | 1/4 | 3,866.91 | 1/4 | 4,210.64 | 1/4 | 4,553.92 | 1/4 | 4,878.60 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,530.34 | 1/2 | 3,874.07 | 1/2 | 4,217.80 | 1/2 | 4,561.03 | 1/2 | 4,882.58 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,537.51 | 3/4 | 3,881.23 | 3/4 | 4,224.96 | 3/4 | 4,568.14 | 3/4 | 4,886.55 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 3,544.67 | 4 | 3,888.39 | 4 | 4,232.12 | 4 | 4,575.25 | 4 | 4,890.53 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 3,551.83 | 1/4 | 3,895.55 | 1/4 | 4,239.28 | 1/4 | 4,582.36 | 1/4 | 4,893.44 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,558.99 | 1/2 | 3,902.71 | 1/2 | 4,246.44 | 1/2 | 4,589.47 | 1/2 | 4,896.36 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,566.15 | 3/4 | 3,909.88 | 3/4 | 4,253.61 | 3/4 | 4,596.58 | 3/4 | 4,899.27 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 3,573.31 | 5 | 3,917.04 | 5 | 4,260.77 | 5 | 4,603.69 | 5 | 4,902.19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 3,580.47 | 1/4 | 3,924.20 | 1/4 | 4,267.93 | 1/4 | 4,610.80 | 1/4 | 4,904.04 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,587.63 | 1/2 | 3,931.36 | 1/2 | 4,275.09 | 1/2 | 4,617.91 | 1/2 | 4,905.89 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,594.79 | 3/4 | 3,938.52 | 3/4 | 4,282.25 | 3/4 | 4,625.03 | 3/4 | 4,907.75 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 3,601.95 | 6 | 3,945.68 | 6 | 4,289.41 | 6 | 4,632.14 | 6 | 4,909.60 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 3,609.11 | 1/4 | 3,952.84 | 1/4 | 4,296.57 | 1/4 | 4,639.25 | 1/4 | 4,910.46 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,616.27 | 1/2 | 3,960.00 | 1/2 | 4,303.73 | 1/2 | 4,646.36 | 1/2 | 4,911.32 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,623.44 | 3/4 | 3,967.17 | 3/4 | 4,310.89 | 3/4 | 4,653.47 | 3/4 | 4,912.18 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 3,630.60 | 7 | 3,974.33 | 7 | 4,318.05 | 7 | 4,660.58 | 7 | 4,913.04 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 3,637.76 | 1/4 | 3,981.49 | 1/4 | 4,325.21 | 1/4 | 4,667.69 | 1/4 | 4,913.43 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,644.92 | 1/2 | 3,988.65 | 1/2 | 4,332.37 | 1/2 | 4,674.80 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,652.08 | 3/4 | 3,995.81 | 3/4 | 4,339.54 | 3/4 | 4,681.92 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 3,659.24 | 8 | 4,002.97 | 8 | 4,346.70 | 8 | 4,689.03 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 3,666.40 | 1/4 | 4,010.13 | 1/4 | 4,353.86 | 1/4 | 4,696.14 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,673.56 | 1/2 | 4,017.29 | 1/2 | 4,361.02 | 1/2 | 4,703.25 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,680.73 | 3/4 | 4,024.45 | 3/4 | 4,368.18 | 3/4 | 4,710.36 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 3,687.89 | 9 | 4,031.61 | 9 | 4,375.34 | 9 | 4,717.47 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 3,695.05 | 1/4 | 4,038.77 | 1/4 | 4,382.50 | 1/4 | 4,724.58 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,702.21 | 1/2 | 4,045.93 | 1/2 | 4,389.66 | 1/2 | 4,731.69 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,709.37 | 3/4 | 4,053.10 | 3/4 | 4,396.83 | 3/4 | 4,738.80 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 3,716.53 | 10 | 4,060.26 | 10 | 4,403.99 | 10 | 4,745.91 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 3,723.69 | 1/4 | 4,067.42 | 1/4 | 4,411.15 | 1/4 | 4,753.02 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,730.85 | 1/2 | 4,074.58 | 1/2 | 4,418.31 | 1/2 | 4,760.13 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,738.01 | 3/4 | 4,081.74 | 3/4 | 4,425.47 | 3/4 | 4,767.25 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 3,745.17 | 11 | 4,088.90 | 11 | 4,432.63 | 11 | 4,774.36 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 3,752.33 | 1/4 | 4,096.06 | 1/4 | 4,439.79 | 1/4 | 4,781.47 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,759.49 | 1/2 | 4,103.22 | 1/2 | 4,446.95 | 1/2 | 4,788.58 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,766.66 | 3/4 | 4,110.39 | 3/4 | 4,454.11 | 3/4 | 4,795.69 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2014 SW
DECK MEASUREMENTS: 07/25/2014 SW
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "NGL 3008"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 14.04 | 0 | 364.39 | 0 | 728.64 | 0 | 1,091.91 | 0 | 1,456.62 | 0 | 1,821.32 | 0 | 2,186.02 | 0 | 2,550.73 | 0 | 2,915.43 | 0 | 3,280.14 |
| 1/4 | 18.92 | 1/4 | 371.98 | 1/4 | 736.20 | 1/4 | 1,099.51 | 1/4 | 1,464.22 | 1/4 | 1,828.92 | 1/4 | 2,193.62 | 1/4 | 2,558.33 | 1/4 | 2,923.03 | 1/4 | 3,287.74 |
| 1/2 | 23.80 | 1/2 | 379.58 | 1/2 | 743.77 | 1/2 | 1,107.11 | 1/2 | 1,471.82 | 1/2 | 1,836.52 | 1/2 | 2,201.22 | 1/2 | 2,565.93 | 1/2 | 2,930.62 | 1/2 | 3,295.33 |
| 3/4 | 28.68 | 3/4 | 387.17 | 3/4 | 751.34 | 3/4 | 1,114.70 | 3/4 | 1,479.41 | 3/4 | 1,841.11 | 3/4 | 2,208.82 | 3/4 | 2,573.52 | 3/4 | 2,938.22 | 3/4 | 3,302.93 |
| 1 | 33.56 | 1 | 394.76 | 1 | 758.90 | 1 | 1,122.30 | 1 | 1,487.01 | 1 | 1,851.71 | 1 | 2,216.42 | 1 | 2,581.12 | 1 | 2,945.82 | 1 | 3,310.53 |
| 1/4 | 40.34 | 1/4 | 402.35 | 1/4 | 766.46 | 1/4 | 1,129.90 | 1/4 | 1,494.61 | 1/4 | 1,859.31 | 1/4 | 2,224.02 | 1/4 | 2,588.72 | 1/4 | 2,953.42 | 1/4 | 3,318.13 |
| 1/2 | 47.12 | 1/2 | 409.95 | 1/2 | 774.03 | 1/2 | 1,137.50 | 1/2 | 1,502.21 | 1/2 | 1,866.91 | 1/2 | 2,231.62 | 1/2 | 2,596.32 | 1/2 | 2,961.02 | 1/2 | 3,325.72 |
| 3/4 | 53.89 | 3/4 | 417.54 | 3/4 | 781.59 | 3/4 | 1,145.10 | 3/4 | 1,509.80 | 3/4 | 1,874.50 | 3/4 | 2,239.21 | 3/4 | 2,603.91 | 3/4 | 2,968.62 | 3/4 | 3,333.32 |
| 2 | 60.67 | 2 | 425.13 | 2 | 789.15 | 2 | 1,152.70 | 2 | 1,517.40 | 2 | 1,882.10 | 2 | 2,246.81 | 2 | 2,611.51 | 2 | 2,976.22 | 2 | 3,340.92 |
| 1/4 | 68.26 | 1/4 | 432.73 | 1/4 | 796.71 | 1/4 | 1,160.30 | 1/4 | 1,525.00 | 1/4 | 1,889.70 | 1/4 | 2,254.41 | 1/4 | 2,619.11 | 1/4 | 2,983.82 | 1/4 | 3,348.52 |
| 1/2 | 75.86 | 1/2 | 440.32 | 1/2 | 804.28 | 1/2 | 1,167.90 | 1/2 | 1,532.60 | 1/2 | 1,897.30 | 1/2 | 2,262.01 | 1/2 | 2,626.71 | 1/2 | 2,991.41 | 1/2 | 3,356.11 |
| 3/4 | 83.45 | 3/4 | 447.92 | 3/4 | 811.84 | 3/4 | 1,175.49 | 3/4 | 1,540.19 | 3/4 | 1,904.90 | 3/4 | 2,269.60 | 3/4 | 2,634.30 | 3/4 | 2,999.01 | 3/4 | 3,363.71 |
| 3 | 91.04 | 3 | 455.51 | 3 | 819.40 | 3 | 1,183.09 | 3 | 1,547.79 | 3 | 1,912.50 | 3 | 2,277.20 | 3 | 2,641.90 | 3 | 3,006.61 | 3 | 3,371.31 |
| 1/4 | 98.63 | 1/4 | 463.10 | 1/4 | 826.96 | 1/4 | 1,190.69 | 1/4 | 1,555.39 | 1/4 | 1,920.10 | 1/4 | 2,284.80 | 1/4 | 2,649.50 | 1/4 | 3,014.21 | 1/4 | 3,378.91 |
| 1/2 | 106.23 | 1/2 | 470.70 | 1/2 | 834.53 | 1/2 | 1,198.29 | 1/2 | 1,562.99 | 1/2 | 1,927.70 | 1/2 | 2,292.40 | 1/2 | 2,657.10 | 1/2 | 3,021.80 | 1/2 | 3,386.50 |
| 3/4 | 113.82 | 3/4 | 478.29 | 3/4 | 842.09 | 3/4 | 1,205.88 | 3/4 | 1,570.58 | 3/4 | 1,935.29 | 3/4 | 2,299.99 | 3/4 | 2,664.70 | 3/4 | 3,029.40 | 3/4 | 3,394.10 |
| 4 | 121.41 | 4 | 485.88 | 4 | 849.65 | 4 | 1,213.48 | 4 | 1,578.18 | 4 | 1,942.89 | 4 | 2,307.59 | 4 | 2,672.30 | 4 | 3,037.00 | 4 | 3,401.70 |
| 1/4 | 129.01 | 1/4 | 493.47 | 1/4 | 857.21 | 1/4 | 1,221.08 | 1/4 | 1,585.78 | 1/4 | 1,950.49 | 1/4 | 2,315.19 | 1/4 | 2,679.90 | 1/4 | 3,044.60 | 1/4 | 3,409.30 |
| 1/2 | 136.60 | 1/2 | 501.07 | 1/2 | 864.78 | 1/2 | 1,228.68 | 1/2 | 1,593.38 | 1/2 | 1,958.09 | 1/2 | 2,322.79 | 1/2 | 2,687.49 | 1/2 | 3,052.19 | 1/2 | 3,416.90 |
| 3/4 | 144.20 | 3/4 | 508.66 | 3/4 | 872.34 | 3/4 | 1,236.27 | 3/4 | 1,600.98 | 3/4 | 1,965.68 | 3/4 | 2,330.38 | 3/4 | 2,695.09 | 3/4 | 3,059.79 | 3/4 | 3,424.50 |
| 5 | 151.79 | 5 | 516.25 | 5 | 879.90 | 5 | 1,243.87 | 5 | 1,608.58 | 5 | 1,973.28 | 5 | 2,337.98 | 5 | 2,702.69 | 5 | 3,067.39 | 5 | 3,432.10 |
| 1/4 | 159.38 | 1/4 | 523.84 | 1/4 | 887.46 | 1/4 | 1,251.47 | 1/4 | 1,616.18 | 1/4 | 1,980.88 | 1/4 | 2,345.58 | 1/4 | 2,710.29 | 1/4 | 3,074.99 | 1/4 | 3,439.70 |
| 1/2 | 166.98 | 1/2 | 531.43 | 1/2 | 895.03 | 1/2 | 1,259.07 | 1/2 | 1,623.78 | 1/2 | 1,988.48 | 1/2 | 2,353.18 | 1/2 | 2,717.88 | 1/2 | 3,082.58 | 1/2 | 3,447.29 |
| 3/4 | 174.57 | 3/4 | 539.03 | 3/4 | 902.59 | 3/4 | 1,266.66 | 3/4 | 1,631.37 | 3/4 | 1,996.07 | 3/4 | 2,360.78 | 3/4 | 2,725.48 | 3/4 | 3,090.18 | 3/4 | 3,454.89 |
| 6 | 182.16 | 6 | 546.62 | 6 | 910.15 | 6 | 1,274.26 | 6 | 1,638.97 | 6 | 2,003.67 | 6 | 2,368.38 | 6 | 2,733.08 | 6 | 3,097.78 | 6 | 3,462.49 |
| 1/4 | 189.75 | 1/4 | 554.21 | 1/4 | 917.72 | 1/4 | 1,281.84 | 1/4 | 1,646.57 | 1/4 | 2,011.27 | 1/4 | 2,375.98 | 1/4 | 2,740.68 | 1/4 | 3,105.38 | 1/4 | 3,469.92 |
| 1/2 | 197.35 | 1/2 | 561.80 | 1/2 | 925.28 | 1/2 | 1,289.41 | 1/2 | 1,654.17 | 1/2 | 2,018.87 | 1/2 | 2,383.58 | 1/2 | 2,748.27 | 1/2 | 3,112.98 | 1/2 | 3,477.35 |
| 3/4 | 204.94 | 3/4 | 569.40 | 3/4 | 932.85 | 3/4 | 1,296.99 | 3/4 | 1,661.76 | 3/4 | 2,026.46 | 3/4 | 2,391.17 | 3/4 | 2,755.87 | 3/4 | 3,120.58 | 3/4 | 3,484.78 |
| 7 | 212.53 | 7 | 576.99 | 7 | 940.41 | 7 | 1,304.56 | 7 | 1,669.36 | 7 | 2,034.06 | 7 | 2,398.77 | 7 | 2,763.47 | 7 | 3,128.18 | 7 | 3,492.21 |
| 1/4 | 220.12 | 1/4 | 584.58 | 1/4 | 947.97 | 1/4 | 1,312.18 | 1/4 | 1,676.96 | 1/4 | 2,041.66 | 1/4 | 2,406.37 | 1/4 | 2,771.07 | 1/4 | 3,135.78 | 1/4 | 3,499.29 |
| 1/2 | 227.72 | 1/2 | 592.18 | 1/2 | 955.54 | 1/2 | 1,319.81 | 1/2 | 1,684.56 | 1/2 | 2,049.26 | 1/2 | 2,413.97 | 1/2 | 2,778.66 | 1/2 | 3,143.37 | 1/2 | 3,506.38 |
| 3/4 | 235.31 | 3/4 | 599.77 | 3/4 | 963.10 | 3/4 | 1,327.43 | 3/4 | 1,692.15 | 3/4 | 2,056.86 | 3/4 | 2,421.56 | 3/4 | 2,786.26 | 3/4 | 3,150.97 | 3/4 | 3,513.46 |
| 8 | 242.90 | 8 | 607.37 | 8 | 970.66 | 8 | 1,335.05 | 8 | 1,699.75 | 8 | 2,064.46 | 8 | 2,429.16 | 8 | 2,793.86 | 8 | 3,158.57 | 8 | 3,520.55 |
| 1/4 | 250.49 | 1/4 | 614.96 | 1/4 | 978.22 | 1/4 | 1,342.65 | 1/4 | 1,707.35 | 1/4 | 2,072.06 | 1/4 | 2,436.76 | 1/4 | 2,801.46 | 1/4 | 3,166.17 | 1/4 | 3,527.29 |
| 1/2 | 258.09 | 1/2 | 622.55 | 1/2 | 985.79 | 1/2 | 1,350.25 | 1/2 | 1,714.95 | 1/2 | 2,079.66 | 1/2 | 2,444.36 | 1/2 | 2,809.06 | 1/2 | 3,173.76 | 1/2 | 3,534.03 |
| 3/4 | 265.68 | 3/4 | 630.15 | 3/4 | 993.35 | 3/4 | 1,357.84 | 3/4 | 1,722.54 | 3/4 | 2,087.25 | 3/4 | 2,451.95 | 3/4 | 2,816.66 | 3/4 | 3,181.36 | 3/4 | 3,540.77 |
| 9 | 273.27 | 9 | 637.74 | 9 | 1,000.91 | 9 | 1,365.44 | 9 | 1,730.14 | 9 | 2,094.85 | 9 | 2,459.55 | 9 | 2,824.26 | 9 | 3,188.96 | 9 | 3,547.51 |
| 1/4 | 280.87 | 1/4 | 645.33 | 1/4 | 1,008.47 | 1/4 | 1,373.04 | 1/4 | 1,737.74 | 1/4 | 2,102.45 | 1/4 | 2,467.15 | 1/4 | 2,831.86 | 1/4 | 3,196.56 | 1/4 | 3,553.90 |
| 1/2 | 288.46 | 1/2 | 652.92 | 1/2 | 1,016.04 | 1/2 | 1,380.64 | 1/2 | 1,745.34 | 1/2 | 2,110.05 | 1/2 | 2,474.75 | 1/2 | 2,839.45 | 1/2 | 3,204.15 | 1/2 | 3,560.29 |
| 3/4 | 296.06 | 3/4 | 660.52 | 3/4 | 1,023.60 | 3/4 | 1,388.23 | 3/4 | 1,752.94 | 3/4 | 2,117.64 | 3/4 | 2,482.34 | 3/4 | 2,847.05 | 3/4 | 3,211.75 | 3/4 | 3,566.69 |
| 10 | 303.65 | 10 | 668.11 | 10 | 1,031.16 | 10 | 1,395.83 | 10 | 1,760.54 | 10 | 2,125.24 | 10 | 2,489.94 | 10 | 2,854.65 | 10 | 3,219.35 | 10 | 3,573.08 |
| 1/4 | 311.24 | 1/4 | 675.68 | 1/4 | 1,038.75 | 1/4 | 1,403.43 | 1/4 | 1,768.14 | 1/4 | 2,132.84 | 1/4 | 2,497.54 | 1/4 | 2,862.25 | 1/4 | 3,226.95 | 1/4 | 3,579.13 |
| 1/2 | 318.84 | 1/2 | 683.25 | 1/2 | 1,046.34 | 1/2 | 1,411.03 | 1/2 | 1,775.74 | 1/2 | 2,140.44 | 1/2 | 2,505.14 | 1/2 | 2,869.84 | 1/2 | 3,234.54 | 1/2 | 3,585.18 |
| 3/4 | 326.43 | 3/4 | 690.82 | 3/4 | 1,053.93 | 3/4 | 1,418.62 | 3/4 | 1,783.33 | 3/4 | 2,148.03 | 3/4 | 2,512.74 | 3/4 | 2,877.44 | 3/4 | 3,242.14 | 3/4 | 3,591.23 |
| 11 | 334.02 | 11 | 698.39 | 11 | 1,061.52 | 11 | 1,426.22 | 11 | 1,790.93 | 11 | 2,155.63 | 11 | 2,520.34 | 11 | 2,885.04 | 11 | 3,249.74 | 11 | 3,597.28 |
| 1/4 | 341.61 | 1/4 | 705.95 | 1/4 | 1,069.12 | 1/4 | 1,433.82 | 1/4 | 1,798.53 | 1/4 | 2,163.23 | 1/4 | 2,527.94 | 1/4 | 2,892.64 | 1/4 | 3,257.34 | 1/4 | 3,602.98 |
| 1/2 | 349.21 | 1/2 | 713.51 | 1/2 | 1,076.72 | 1/2 | 1,441.42 | 1/2 | 1,806.13 | 1/2 | 2,170.83 | 1/2 | 2,535.54 | 1/2 | 2,900.23 | 1/2 | 3,264.94 | 1/2 | 3,608.68 |
| 3/4 | 356.80 | 3/4 | 721.08 | 3/4 | 1,084.31 | 3/4 | 1,449.02 | 3/4 | 1,813.72 | 3/4 | 2,178.42 | 3/4 | 2,543.13 | 3/4 | 2,907.83 | 3/4 | 3,272.54 | 3/4 | 3,614.39 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3008"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,620.09 | 0 | 3,873.49 | 0 | 4,126.49 | 0 | 4,379.50 | 0 | 4,632.51 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,625.46 | 1/4 | 3,878.76 | 1/4 | 4,131.76 | 1/4 | 4,384.77 | 1/4 | 4,637.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,630.82 | 1/2 | 3,884.03 | 1/2 | 4,137.03 | 1/2 | 4,390.04 | 1/2 | 4,642.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,636.19 | 3/4 | 3,889.30 | 3/4 | 4,142.31 | 3/4 | 4,395.32 | 3/4 | 4,647.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,641.56 | 1 | 3,894.57 | 1 | 4,147.58 | 1 | 4,400.59 | 1 | 4,652.42 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,646.83 | 1/4 | 3,899.84 | 1/4 | 4,152.85 | 1/4 | 4,405.86 | 1/4 | 4,656.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,652.10 | 1/2 | 3,905.11 | 1/2 | 4,158.12 | 1/2 | 4,411.13 | 1/2 | 4,661.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,657.38 | 3/4 | 3,910.38 | 3/4 | 4,163.39 | 3/4 | 4,416.40 | 3/4 | 4,665.31 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,662.65 | 2 | 3,915.65 | 2 | 4,168.66 | 2 | 4,421.67 | 2 | 4,669.60 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,667.92 | 1/4 | 3,920.92 | 1/4 | 4,173.93 | 1/4 | 4,426.94 | 1/4 | 4,673.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,673.19 | 1/2 | 3,926.19 | 1/2 | 4,179.20 | 1/2 | 4,432.21 | 1/2 | 4,676.62 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,678.46 | 3/4 | 3,931.47 | 3/4 | 4,184.48 | 3/4 | 4,437.48 | 3/4 | 4,680.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,683.73 | 3 | 3,936.74 | 3 | 4,189.75 | 3 | 4,442.75 | 3 | 4,683.64 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,689.00 | 1/4 | 3,942.01 | 1/4 | 4,195.02 | 1/4 | 4,448.02 | 1/4 | 4,686.37 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,694.27 | 1/2 | 3,947.28 | 1/2 | 4,200.29 | 1/2 | 4,453.30 | 1/2 | 4,689.11 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,699.54 | 3/4 | 3,952.55 | 3/4 | 4,205.56 | 3/4 | 4,458.57 | 3/4 | 4,691.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,704.81 | 4 | 3,957.82 | 4 | 4,210.83 | 4 | 4,463.84 | 4 | 4,694.57 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,710.08 | 1/4 | 3,963.09 | 1/4 | 4,216.10 | 1/4 | 4,469.11 | 1/4 | 4,696.52 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,715.35 | 1/2 | 3,968.36 | 1/2 | 4,221.37 | 1/2 | 4,474.38 | 1/2 | 4,698.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,720.63 | 3/4 | 3,973.64 | 3/4 | 4,226.64 | 3/4 | 4,479.65 | 3/4 | 4,700.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,725.90 | 5 | 3,978.91 | 5 | 4,231.91 | 5 | 4,484.92 | 5 | 4,702.37 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,731.17 | 1/4 | 3,984.18 | 1/4 | 4,237.18 | 1/4 | 4,490.19 | 1/4 | 4,703.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,736.44 | 1/2 | 3,989.45 | 1/2 | 4,242.45 | 1/2 | 4,495.47 | 1/2 | 4,704.71 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,741.71 | 3/4 | 3,994.72 | 3/4 | 4,247.73 | 3/4 | 4,500.74 | 3/4 | 4,705.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,746.98 | 6 | 3,999.99 | 6 | 4,253.00 | 6 | 4,506.01 | 6 | 4,707.04 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,752.25 | 1/4 | 4,005.26 | 1/4 | 4,258.27 | 1/4 | 4,511.28 | 1/4 | 4,707.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,757.52 | 1/2 | 4,010.53 | 1/2 | 4,263.54 | 1/2 | 4,516.55 | 1/2 | 4,707.96 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,762.80 | 3/4 | 4,015.80 | 3/4 | 4,268.81 | 3/4 | 4,521.82 | 3/4 | 4,708.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,768.07 | 7 | 4,021.07 | 7 | 4,274.08 | 7 | 4,527.09 | 7 | 4,708.88 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,773.34 | 1/4 | 4,026.34 | 1/4 | 4,279.35 | 1/4 | 4,532.36 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,778.61 | 1/2 | 4,031.61 | 1/2 | 4,284.62 | 1/2 | 4,537.63 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,783.88 | 3/4 | 4,036.89 | 3/4 | 4,289.90 | 3/4 | 4,542.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,789.15 | 8 | 4,042.16 | 8 | 4,295.17 | 8 | 4,548.17 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,794.42 | 1/4 | 4,047.43 | 1/4 | 4,300.44 | 1/4 | 4,553.44 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,799.69 | 1/2 | 4,052.70 | 1/2 | 4,305.71 | 1/2 | 4,558.72 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,804.96 | 3/4 | 4,057.97 | 3/4 | 4,310.98 | 3/4 | 4,563.99 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,810.23 | 9 | 4,063.24 | 9 | 4,316.25 | 9 | 4,569.26 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,815.50 | 1/4 | 4,068.51 | 1/4 | 4,321.52 | 1/4 | 4,574.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,820.77 | 1/2 | 4,073.78 | 1/2 | 4,326.79 | 1/2 | 4,579.80 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,826.05 | 3/4 | 4,079.06 | 3/4 | 4,332.06 | 3/4 | 4,585.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,831.32 | 10 | 4,084.33 | 10 | 4,337.33 | 10 | 4,590.34 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,836.59 | 1/4 | 4,089.60 | 1/4 | 4,342.60 | 1/4 | 4,595.61 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,841.86 | 1/2 | 4,094.87 | 1/2 | 4,347.87 | 1/2 | 4,600.89 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,847.13 | 3/4 | 4,100.14 | 3/4 | 4,353.15 | 3/4 | 4,606.16 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,852.40 | 11 | 4,105.41 | 11 | 4,358.42 | 11 | 4,611.43 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,857.67 | 1/4 | 4,110.68 | 1/4 | 4,363.69 | 1/4 | 4,616.70 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,862.94 | 1/2 | 4,115.95 | 1/2 | 4,368.96 | 1/2 | 4,621.97 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,868.22 | 3/4 | 4,121.22 | 3/4 | 4,374.23 | 3/4 | 4,627.24 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2014 SW
DECK MEASUREMENTS: 07/25/2014 SW
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3008"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 14.04 | 0 | 364.39 | 0 | 728.64 | 0 | 1,091.91 | 0 | 1,456.62 | 0 | 1,821.32 | 0 | 2,186.02 | 0 | 2,550.73 | 0 | 2,915.43 | 0 | 3,280.14 |
| 1/4 | 18.92 | 1/4 | 371.98 | 1/4 | 736.20 | 1/4 | 1,099.51 | 1/4 | 1,464.22 | 1/4 | 1,828.92 | 1/4 | 2,193.62 | 1/4 | 2,558.33 | 1/4 | 2,923.03 | 1/4 | 3,287.74 |
| 1/2 | 23.80 | 1/2 | 379.58 | 1/2 | 743.77 | 1/2 | 1,107.11 | 1/2 | 1,471.82 | 1/2 | 1,836.52 | 1/2 | 2,201.22 | 1/2 | 2,565.93 | 1/2 | 2,930.62 | 1/2 | 3,295.33 |
| 3/4 | 28.68 | 3/4 | 387.17 | 3/4 | 751.34 | 3/4 | 1,114.70 | 3/4 | 1,479.41 | 3/4 | 1,844.11 | 3/4 | 2,208.82 | 3/4 | 2,573.52 | 3/4 | 2,938.22 | 3/4 | 3,302.93 |
| 1 | 33.56 | 1 | 394.76 | 1 | 758.90 | 1 | 1,122.30 | 1 | 1,487.01 | 1 | 1,851.71 | 1 | 2,216.42 | 1 | 2,581.12 | 1 | 2,945.82 | 1 | 3,310.53 |
| 1/4 | 40.34 | 1/4 | 402.35 | 1/4 | 766.46 | 1/4 | 1,129.90 | 1/4 | 1,494.61 | 1/4 | 1,859.31 | 1/4 | 2,224.02 | 1/4 | 2,588.72 | 1/4 | 2,953.42 | 1/4 | 3,318.13 |
| 1/2 | 47.12 | 1/2 | 409.95 | 1/2 | 774.03 | 1/2 | 1,137.50 | 1/2 | 1,502.21 | 1/2 | 1,866.91 | 1/2 | 2,231.62 | 1/2 | 2,596.32 | 1/2 | 2,961.02 | 1/2 | 3,325.72 |
| 3/4 | 53.89 | 3/4 | 417.54 | 3/4 | 781.59 | 3/4 | 1,145.10 | 3/4 | 1,509.80 | 3/4 | 1,874.50 | 3/4 | 2,239.21 | 3/4 | 2,603.91 | 3/4 | 2,968.62 | 3/4 | 3,333.32 |
| 2 | 60.67 | 2 | 425.13 | 2 | 789.15 | 2 | 1,152.70 | 2 | 1,517.40 | 2 | 1,882.10 | 2 | 2,246.81 | 2 | 2,611.51 | 2 | 2,976.22 | 2 | 3,340.92 |
| 1/4 | 68.26 | 1/4 | 432.73 | 1/4 | 796.71 | 1/4 | 1,160.30 | 1/4 | 1,525.00 | 1/4 | 1,889.70 | 1/4 | 2,254.41 | 1/4 | 2,619.11 | 1/4 | 2,983.82 | 1/4 | 3,348.52 |
| 1/2 | 75.86 | 1/2 | 440.32 | 1/2 | 804.28 | 1/2 | 1,167.90 | 1/2 | 1,532.60 | 1/2 | 1,897.30 | 1/2 | 2,262.01 | 1/2 | 2,626.71 | 1/2 | 2,991.41 | 1/2 | 3,356.11 |
| 3/4 | 83.45 | 3/4 | 447.92 | 3/4 | 811.84 | 3/4 | 1,175.49 | 3/4 | 1,540.19 | 3/4 | 1,904.90 | 3/4 | 2,269.60 | 3/4 | 2,634.30 | 3/4 | 2,999.01 | 3/4 | 3,363.71 |
| 3 | 91.04 | 3 | 455.51 | 3 | 819.40 | 3 | 1,183.09 | 3 | 1,547.79 | 3 | 1,912.50 | 3 | 2,277.20 | 3 | 2,641.90 | 3 | 3,006.61 | 3 | 3,371.31 |
| 1/4 | 98.63 | 1/4 | 463.10 | 1/4 | 826.96 | 1/4 | 1,190.69 | 1/4 | 1,555.39 | 1/4 | 1,920.10 | 1/4 | 2,284.80 | 1/4 | 2,649.50 | 1/4 | 3,014.21 | 1/4 | 3,378.91 |
| 1/2 | 106.23 | 1/2 | 470.70 | 1/2 | 834.53 | 1/2 | 1,198.29 | 1/2 | 1,562.99 | 1/2 | 1,927.70 | 1/2 | 2,292.40 | 1/2 | 2,657.10 | 1/2 | 3,021.80 | 1/2 | 3,386.50 |
| 3/4 | 113.82 | 3/4 | 478.29 | 3/4 | 842.09 | 3/4 | 1,205.88 | 3/4 | 1,570.58 | 3/4 | 1,935.29 | 3/4 | 2,299.99 | 3/4 | 2,664.70 | 3/4 | 3,029.40 | 3/4 | 3,394.10 |
| 4 | 121.41 | 4 | 485.88 | 4 | 849.65 | 4 | 1,213.48 | 4 | 1,578.18 | 4 | 1,942.89 | 4 | 2,307.59 | 4 | 2,672.30 | 4 | 3,037.00 | 4 | 3,401.70 |
| 1/4 | 129.01 | 1/4 | 493.47 | 1/4 | 857.21 | 1/4 | 1,221.08 | 1/4 | 1,585.78 | 1/4 | 1,950.49 | 1/4 | 2,315.19 | 1/4 | 2,679.90 | 1/4 | 3,044.60 | 1/4 | 3,409.30 |
| 1/2 | 136.60 | 1/2 | 501.07 | 1/2 | 864.78 | 1/2 | 1,228.68 | 1/2 | 1,593.38 | 1/2 | 1,958.09 | 1/2 | 2,322.79 | 1/2 | 2,687.49 | 1/2 | 3,052.19 | 1/2 | 3,416.90 |
| 3/4 | 144.20 | 3/4 | 508.66 | 3/4 | 872.34 | 3/4 | 1,236.27 | 3/4 | 1,600.98 | 3/4 | 1,965.68 | 3/4 | 2,330.38 | 3/4 | 2,695.09 | 3/4 | 3,059.79 | 3/4 | 3,424.50 |
| 5 | 151.79 | 5 | 516.25 | 5 | 879.90 | 5 | 1,243.87 | 5 | 1,608.58 | 5 | 1,973.28 | 5 | 2,337.98 | 5 | 2,702.69 | 5 | 3,067.39 | 5 | 3,432.10 |
| 1/4 | 159.38 | 1/4 | 523.84 | 1/4 | 887.46 | 1/4 | 1,251.47 | 1/4 | 1,616.18 | 1/4 | 1,980.88 | 1/4 | 2,345.58 | 1/4 | 2,710.29 | 1/4 | 3,074.99 | 1/4 | 3,439.70 |
| 1/2 | 166.98 | 1/2 | 531.43 | 1/2 | 895.03 | 1/2 | 1,259.07 | 1/2 | 1,623.78 | 1/2 | 1,988.48 | 1/2 | 2,353.18 | 1/2 | 2,717.88 | 1/2 | 3,082.58 | 1/2 | 3,447.29 |
| 3/4 | 174.57 | 3/4 | 539.03 | 3/4 | 902.59 | 3/4 | 1,266.66 | 3/4 | 1,631.37 | 3/4 | 1,996.07 | 3/4 | 2,360.78 | 3/4 | 2,725.48 | 3/4 | 3,090.18 | 3/4 | 3,454.89 |
| 6 | 182.16 | 6 | 546.62 | 6 | 910.15 | 6 | 1,274.26 | 6 | 1,638.97 | 6 | 2,003.67 | 6 | 2,368.38 | 6 | 2,733.08 | 6 | 3,097.78 | 6 | 3,462.49 |
| 1/4 | 189.75 | 1/4 | 554.21 | 1/4 | 917.72 | 1/4 | 1,281.84 | 1/4 | 1,646.57 | 1/4 | 2,011.27 | 1/4 | 2,375.98 | 1/4 | 2,740.68 | 1/4 | 3,105.38 | 1/4 | 3,469.92 |
| 1/2 | 197.35 | 1/2 | 561.80 | 1/2 | 925.28 | 1/2 | 1,289.41 | 1/2 | 1,654.17 | 1/2 | 2,018.87 | 1/2 | 2,383.58 | 1/2 | 2,748.27 | 1/2 | 3,112.98 | 1/2 | 3,477.35 |
| 3/4 | 204.94 | 3/4 | 569.40 | 3/4 | 932.85 | 3/4 | 1,296.99 | 3/4 | 1,661.76 | 3/4 | 2,026.46 | 3/4 | 2,391.17 | 3/4 | 2,755.87 | 3/4 | 3,120.58 | 3/4 | 3,484.78 |
| 7 | 212.53 | 7 | 576.99 | 7 | 940.41 | 7 | 1,304.56 | 7 | 1,669.36 | 7 | 2,034.06 | 7 | 2,398.77 | 7 | 2,763.47 | 7 | 3,128.18 | 7 | 3,492.21 |
| 1/4 | 220.12 | 1/4 | 584.58 | 1/4 | 947.97 | 1/4 | 1,312.18 | 1/4 | 1,676.96 | 1/4 | 2,041.66 | 1/4 | 2,406.37 | 1/4 | 2,771.07 | 1/4 | 3,135.78 | 1/4 | 3,499.29 |
| 1/2 | 227.72 | 1/2 | 592.18 | 1/2 | 955.54 | 1/2 | 1,319.81 | 1/2 | 1,684.56 | 1/2 | 2,049.26 | 1/2 | 2,413.97 | 1/2 | 2,778.66 | 1/2 | 3,143.37 | 1/2 | 3,506.38 |
| 3/4 | 235.31 | 3/4 | 599.77 | 3/4 | 963.10 | 3/4 | 1,327.43 | 3/4 | 1,692.15 | 3/4 | 2,056.86 | 3/4 | 2,421.56 | 3/4 | 2,786.26 | 3/4 | 3,150.97 | 3/4 | 3,513.46 |
| 8 | 242.90 | 8 | 607.37 | 8 | 970.66 | 8 | 1,335.05 | 8 | 1,699.75 | 8 | 2,064.46 | 8 | 2,429.16 | 8 | 2,793.86 | 8 | 3,158.57 | 8 | 3,520.55 |
| 1/4 | 250.49 | 1/4 | 614.96 | 1/4 | 978.22 | 1/4 | 1,342.65 | 1/4 | 1,707.35 | 1/4 | 2,072.06 | 1/4 | 2,436.76 | 1/4 | 2,801.46 | 1/4 | 3,166.17 | 1/4 | 3,527.29 |
| 1/2 | 258.09 | 1/2 | 622.55 | 1/2 | 985.79 | 1/2 | 1,350.25 | 1/2 | 1,714.95 | 1/2 | 2,079.66 | 1/2 | 2,444.36 | 1/2 | 2,809.06 | 1/2 | 3,173.76 | 1/2 | 3,534.03 |
| 3/4 | 265.68 | 3/4 | 630.15 | 3/4 | 993.35 | 3/4 | 1,357.84 | 3/4 | 1,722.54 | 3/4 | 2,087.25 | 3/4 | 2,451.95 | 3/4 | 2,816.66 | 3/4 | 3,181.36 | 3/4 | 3,540.77 |
| 9 | 273.27 | 9 | 637.74 | 9 | 1,000.91 | 9 | 1,365.44 | 9 | 1,730.14 | 9 | 2,094.85 | 9 | 2,459.55 | 9 | 2,824.26 | 9 | 3,188.96 | 9 | 3,547.51 |
| 1/4 | 280.87 | 1/4 | 645.33 | 1/4 | 1,008.47 | 1/4 | 1,373.04 | 1/4 | 1,737.74 | 1/4 | 2,102.45 | 1/4 | 2,467.15 | 1/4 | 2,831.86 | 1/4 | 3,196.56 | 1/4 | 3,553.90 |
| 1/2 | 288.46 | 1/2 | 652.92 | 1/2 | 1,016.04 | 1/2 | 1,380.64 | 1/2 | 1,745.34 | 1/2 | 2,110.05 | 1/2 | 2,474.75 | 1/2 | 2,839.45 | 1/2 | 3,204.15 | 1/2 | 3,560.29 |
| 3/4 | 296.06 | 3/4 | 660.52 | 3/4 | 1,023.60 | 3/4 | 1,388.23 | 3/4 | 1,752.94 | 3/4 | 2,117.64 | 3/4 | 2,482.34 | 3/4 | 2,847.05 | 3/4 | 3,211.75 | 3/4 | 3,566.69 |
| 10 | 303.65 | 10 | 668.11 | 10 | 1,031.16 | 10 | 1,395.83 | 10 | 1,760.54 | 10 | 2,125.24 | 10 | 2,489.94 | 10 | 2,854.65 | 10 | 3,219.35 | 10 | 3,573.08 |
| 1/4 | 311.24 | 1/4 | 675.68 | 1/4 | 1,038.75 | 1/4 | 1,403.43 | 1/4 | 1,768.14 | 1/4 | 2,132.84 | 1/4 | 2,497.54 | 1/4 | 2,862.25 | 1/4 | 3,226.95 | 1/4 | 3,579.13 |
| 1/2 | 318.84 | 1/2 | 683.25 | 1/2 | 1,046.34 | 1/2 | 1,411.03 | 1/2 | 1,775.74 | 1/2 | 2,140.44 | 1/2 | 2,505.14 | 1/2 | 2,869.84 | 1/2 | 3,234.54 | 1/2 | 3,585.18 |
| 3/4 | 326.43 | 3/4 | 690.82 | 3/4 | 1,053.93 | 3/4 | 1,418.62 | 3/4 | 1,783.33 | 3/4 | 2,148.03 | 3/4 | 2,512.74 | 3/4 | 2,877.44 | 3/4 | 3,242.14 | 3/4 | 3,591.23 |
| 11 | 334.02 | 11 | 698.39 | 11 | 1,061.52 | 11 | 1,426.22 | 11 | 1,790.93 | 11 | 2,155.63 | 11 | 2,520.34 | 11 | 2,885.04 | 11 | 3,249.74 | 11 | 3,597.28 |
| 1/4 | 341.61 | 1/4 | 705.95 | 1/4 | 1,069.12 | 1/4 | 1,433.82 | 1/4 | 1,798.53 | 1/4 | 2,163.23 | 1/4 | 2,527.94 | 1/4 | 2,892.64 | 1/4 | 3,257.34 | 1/4 | 3,602.98 |
| 1/2 | 349.21 | 1/2 | 713.51 | 1/2 | 1,076.72 | 1/2 | 1,441.42 | 1/2 | 1,806.13 | 1/2 | 2,170.83 | 1/2 | 2,535.54 | 1/2 | 2,900.23 | 1/2 | 3,264.94 | 1/2 | 3,608.68 |
| 3/4 | 356.80 | 3/4 | 721.08 | 3/4 | 1,084.31 | 3/4 | 1,449.02 | 3/4 | 1,813.72 | 3/4 | 2,178.42 | 3/4 | 2,543.13 | 3/4 | 2,907.83 | 3/4 | 3,272.54 | 3/4 | 3,614.39 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "NGL 3008"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,620.09 | 0 | 3,873.49 | 0 | 4,126.49 | 0 | 4,379.50 | 0 | 4,632.51 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,625.46 | 1/4 | 3,878.76 | 1/4 | 4,131.76 | 1/4 | 4,384.77 | 1/4 | 4,637.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,630.82 | 1/2 | 3,884.03 | 1/2 | 4,137.03 | 1/2 | 4,390.04 | 1/2 | 4,642.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,636.19 | 3/4 | 3,889.30 | 3/4 | 4,142.31 | 3/4 | 4,395.32 | 3/4 | 4,647.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,641.56 | 1 | 3,894.57 | 1 | 4,147.58 | 1 | 4,400.59 | 1 | 4,652.42 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,646.83 | 1/4 | 3,899.84 | 1/4 | 4,152.85 | 1/4 | 4,405.86 | 1/4 | 4,656.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,652.10 | 1/2 | 3,905.11 | 1/2 | 4,158.12 | 1/2 | 4,411.13 | 1/2 | 4,661.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,657.38 | 3/4 | 3,910.38 | 3/4 | 4,163.39 | 3/4 | 4,416.40 | 3/4 | 4,665.31 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,662.65 | 2 | 3,915.65 | 2 | 4,168.66 | 2 | 4,421.67 | 2 | 4,669.60 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,667.92 | 1/4 | 3,920.92 | 1/4 | 4,173.93 | 1/4 | 4,426.94 | 1/4 | 4,673.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,673.19 | 1/2 | 3,926.19 | 1/2 | 4,179.20 | 1/2 | 4,432.21 | 1/2 | 4,676.62 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,678.46 | 3/4 | 3,931.47 | 3/4 | 4,184.48 | 3/4 | 4,437.48 | 3/4 | 4,680.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,683.73 | 3 | 3,936.74 | 3 | 4,189.75 | 3 | 4,442.75 | 3 | 4,683.64 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,689.00 | 1/4 | 3,942.01 | 1/4 | 4,195.02 | 1/4 | 4,448.02 | 1/4 | 4,686.37 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,694.27 | 1/2 | 3,947.28 | 1/2 | 4,200.29 | 1/2 | 4,453.30 | 1/2 | 4,689.11 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,699.54 | 3/4 | 3,952.55 | 3/4 | 4,205.56 | 3/4 | 4,458.57 | 3/4 | 4,691.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,704.81 | 4 | 3,957.82 | 4 | 4,210.83 | 4 | 4,463.84 | 4 | 4,694.57 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,710.08 | 1/4 | 3,963.09 | 1/4 | 4,216.10 | 1/4 | 4,469.11 | 1/4 | 4,696.52 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,715.35 | 1/2 | 3,968.36 | 1/2 | 4,221.37 | 1/2 | 4,474.38 | 1/2 | 4,698.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,720.63 | 3/4 | 3,973.64 | 3/4 | 4,226.64 | 3/4 | 4,479.65 | 3/4 | 4,700.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,725.90 | 5 | 3,978.91 | 5 | 4,231.91 | 5 | 4,484.92 | 5 | 4,702.37 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,731.17 | 1/4 | 3,984.18 | 1/4 | 4,237.18 | 1/4 | 4,490.19 | 1/4 | 4,703.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,736.44 | 1/2 | 3,989.45 | 1/2 | 4,242.45 | 1/2 | 4,495.47 | 1/2 | 4,704.71 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,741.71 | 3/4 | 3,994.72 | 3/4 | 4,247.73 | 3/4 | 4,500.74 | 3/4 | 4,705.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,746.98 | 6 | 3,999.99 | 6 | 4,253.00 | 6 | 4,506.01 | 6 | 4,707.04 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,752.25 | 1/4 | 4,005.26 | 1/4 | 4,258.27 | 1/4 | 4,511.28 | 1/4 | 4,707.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,757.52 | 1/2 | 4,010.53 | 1/2 | 4,263.54 | 1/2 | 4,516.55 | 1/2 | 4,707.96 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,762.80 | 3/4 | 4,015.80 | 3/4 | 4,268.81 | 3/4 | 4,521.82 | 3/4 | 4,708.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,768.07 | 7 | 4,021.07 | 7 | 4,274.08 | 7 | 4,527.09 | 7 | 4,708.88 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,773.34 | 1/4 | 4,026.34 | 1/4 | 4,279.35 | 1/4 | 4,532.36 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,778.61 | 1/2 | 4,031.61 | 1/2 | 4,284.62 | 1/2 | 4,537.63 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,783.88 | 3/4 | 4,036.89 | 3/4 | 4,289.90 | 3/4 | 4,542.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,789.15 | 8 | 4,042.16 | 8 | 4,295.17 | 8 | 4,548.17 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,794.42 | 1/4 | 4,047.43 | 1/4 | 4,300.44 | 1/4 | 4,553.44 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,799.69 | 1/2 | 4,052.70 | 1/2 | 4,305.71 | 1/2 | 4,558.72 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,804.96 | 3/4 | 4,057.97 | 3/4 | 4,310.98 | 3/4 | 4,563.99 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,810.23 | 9 | 4,063.24 | 9 | 4,316.25 | 9 | 4,569.26 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,815.50 | 1/4 | 4,068.51 | 1/4 | 4,321.52 | 1/4 | 4,574.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,820.77 | 1/2 | 4,073.78 | 1/2 | 4,326.79 | 1/2 | 4,579.80 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,826.05 | 3/4 | 4,079.06 | 3/4 | 4,332.06 | 3/4 | 4,585.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,831.32 | 10 | 4,084.33 | 10 | 4,337.33 | 10 | 4,590.34 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,836.59 | 1/4 | 4,089.60 | 1/4 | 4,342.60 | 1/4 | 4,595.61 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,841.86 | 1/2 | 4,094.87 | 1/2 | 4,347.87 | 1/2 | 4,600.89 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,847.13 | 3/4 | 4,100.14 | 3/4 | 4,353.15 | 3/4 | 4,606.16 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,852.40 | 11 | 4,105.41 | 11 | 4,358.42 | 11 | 4,611.43 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,857.67 | 1/4 | 4,110.68 | 1/4 | 4,363.69 | 1/4 | 4,616.70 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,862.94 | 1/2 | 4,115.95 | 1/2 | 4,368.96 | 1/2 | 4,621.97 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,868.22 | 3/4 | 4,121.22 | 3/4 | 4,374.23 | 3/4 | 4,627.24 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/21/2014 SW
DECK MEASUREMENTS: 07/25/2014 SW
PRINTED: 07/25/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

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



BARGE "NGL 3008"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 0 | 0 | 0 | 1,280 | 0 | 2,561 | 0 | 3,841 | 0 | 5,122 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 27 | 1/4 | 1,307 | 1/4 | 2,588 | 1/4 | 3,868 | 1/4 | 5,148 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 53 | 1/2 | 1,334 | 1/2 | 2,614 | 1/2 | 3,895 | 1/2 | 5,175 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 80 | 3/4 | 1,360 | 3/4 | 2,641 | 3/4 | 3,921 | 3/4 | 5,202 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 107 | 1 | 1,387 | 1 | 2,668 | 1 | 3,948 | 1 | 5,228 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 133 | 1/4 | 1,414 | 1/4 | 2,694 | 1/4 | 3,975 | 1/4 | 5,255 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 160 | 1/2 | 1,441 | 1/2 | 2,721 | 1/2 | 4,001 | 1/2 | 5,281 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 187 | 3/4 | 1,467 | 3/4 | 2,748 | 3/4 | 4,028 | 3/4 | 5,308 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 213 | 2 | 1,494 | 2 | 2,774 | 2 | 4,055 | 2 | 5,334 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 240 | 1/4 | 1,521 | 1/4 | 2,801 | 1/4 | 4,081 | 1/4 | 5,361 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 267 | 1/2 | 1,547 | 1/2 | 2,828 | 1/2 | 4,108 | 1/2 | 5,387 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 293 | 3/4 | 1,574 | 3/4 | 2,854 | 3/4 | 4,135 | 3/4 | 5,414 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 320 | 3 | 1,601 | 3 | 2,881 | 3 | 4,161 | 3 | 5,441 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 347 | 1/4 | 1,627 | 1/4 | 2,908 | 1/4 | 4,188 | 1/4 | 5,467 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 373 | 1/2 | 1,654 | 1/2 | 2,934 | 1/2 | 4,215 | 1/2 | 5,494 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 400 | 3/4 | 1,681 | 3/4 | 2,961 | 3/4 | 4,241 | 3/4 | 5,520 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 427 | 4 | 1,707 | 4 | 2,988 | 4 | 4,268 | 4 | 5,547 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 454 | 1/4 | 1,734 | 1/4 | 3,014 | 1/4 | 4,295 | 1/4 | 5,573 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 480 | 1/2 | 1,761 | 1/2 | 3,041 | 1/2 | 4,322 | 1/2 | 5,600 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 507 | 3/4 | 1,787 | 3/4 | 3,068 | 3/4 | 4,348 | 3/4 | 5,627 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 534 | 5 | 1,814 | 5 | 3,094 | 5 | 4,375 | 5 | 5,653 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 560 | 1/4 | 1,841 | 1/4 | 3,121 | 1/4 | 4,402 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 587 | 1/2 | 1,867 | 1/2 | 3,148 | 1/2 | 4,428 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 614 | 3/4 | 1,894 | 3/4 | 3,174 | 3/4 | 4,455 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 640 | 6 | 1,921 | 6 | 3,201 | 6 | 4,482 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 667 | 1/4 | 1,947 | 1/4 | 3,228 | 1/4 | 4,508 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 694 | 1/2 | 1,974 | 1/2 | 3,254 | 1/2 | 4,535 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 720 | 3/4 | 2,001 | 3/4 | 3,281 | 3/4 | 4,562 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 747 | 7 | 2,027 | 7 | 3,308 | 7 | 4,588 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 774 | 1/4 | 2,054 | 1/4 | 3,335 | 1/4 | 4,615 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 800 | 1/2 | 2,081 | 1/2 | 3,361 | 1/2 | 4,642 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 827 | 3/4 | 2,107 | 3/4 | 3,388 | 3/4 | 4,668 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 854 | 8 | 2,134 | 8 | 3,415 | 8 | 4,695 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 880 | 1/4 | 2,161 | 1/4 | 3,441 | 1/4 | 4,722 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 907 | 1/2 | 2,187 | 1/2 | 3,468 | 1/2 | 4,748 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 934 | 3/4 | 2,214 | 3/4 | 3,495 | 3/4 | 4,775 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 960 | 9 | 2,241 | 9 | 3,521 | 9 | 4,802 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 987 | 1/4 | 2,267 | 1/4 | 3,548 | 1/4 | 4,828 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,014 | 1/2 | 2,294 | 1/2 | 3,575 | 1/2 | 4,855 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,040 | 3/4 | 2,321 | 3/4 | 3,601 | 3/4 | 4,882 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,067 | 10 | 2,347 | 10 | 3,628 | 10 | 4,908 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,094 | 1/4 | 2,374 | 1/4 | 3,655 | 1/4 | 4,935 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,120 | 1/2 | 2,401 | 1/2 | 3,681 | 1/2 | 4,962 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,147 | 3/4 | 2,428 | 3/4 | 3,708 | 3/4 | 4,988 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,174 | 11 | 2,454 | 11 | 3,735 | 11 | 5,015 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,200 | 1/4 | 2,481 | 1/4 | 3,761 | 1/4 | 5,042 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,227 | 1/2 | 2,508 | 1/2 | 3,788 | 1/2 | 5,068 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,254 | 3/4 | 2,534 | 3/4 | 3,815 | 3/4 | 5,095 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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

STRAPPED: 07/21/2014 SW
CALCULATED: 07/21/2014 CL
PRINTED: 07/21/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "NGL 3008"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 0 | 0 | 0 | 1,082 | 0 | 2,165 | 0 | 3,247 | 0 | 4,330 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 23 | 1/4 | 1,105 | 1/4 | 2,187 | 1/4 | 3,270 | 1/4 | 4,352 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 45 | 1/2 | 1,128 | 1/2 | 2,210 | 1/2 | 3,292 | 1/2 | 4,375 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 68 | 3/4 | 1,150 | 3/4 | 2,233 | 3/4 | 3,315 | 3/4 | 4,397 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 90 | 1 | 1,173 | 1 | 2,255 | 1 | 3,338 | 1 | 4,420 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 113 | 1/4 | 1,195 | 1/4 | 2,278 | 1/4 | 3,360 | 1/4 | 4,442 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 135 | 1/2 | 1,218 | 1/2 | 2,300 | 1/2 | 3,383 | 1/2 | 4,464 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 158 | 3/4 | 1,240 | 3/4 | 2,323 | 3/4 | 3,405 | 3/4 | 4,487 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 180 | 2 | 1,263 | 2 | 2,345 | 2 | 3,428 | 2 | 4,509 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 203 | 1/4 | 1,285 | 1/4 | 2,368 | 1/4 | 3,450 | 1/4 | 4,532 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 226 | 1/2 | 1,308 | 1/2 | 2,390 | 1/2 | 3,473 | 1/2 | 4,554 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 248 | 3/4 | 1,331 | 3/4 | 2,413 | 3/4 | 3,495 | 3/4 | 4,577 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 271 | 3 | 1,353 | 3 | 2,436 | 3 | 3,518 | 3 | 4,599 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 293 | 1/4 | 1,376 | 1/4 | 2,458 | 1/4 | 3,541 | 1/4 | 4,622 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 316 | 1/2 | 1,398 | 1/2 | 2,481 | 1/2 | 3,563 | 1/2 | 4,644 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 338 | 3/4 | 1,421 | 3/4 | 2,503 | 3/4 | 3,586 | 3/4 | 4,666 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 361 | 4 | 1,443 | 4 | 2,526 | 4 | 3,608 | 4 | 4,689 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 383 | 1/4 | 1,466 | 1/4 | 2,548 | 1/4 | 3,631 | 1/4 | 4,711 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 406 | 1/2 | 1,488 | 1/2 | 2,571 | 1/2 | 3,653 | 1/2 | 4,734 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 428 | 3/4 | 1,511 | 3/4 | 2,593 | 3/4 | 3,676 | 3/4 | 4,756 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 451 | 5 | 1,533 | 5 | 2,616 | 5 | 3,698 | 5 | 4,779 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 474 | 1/4 | 1,556 | 1/4 | 2,638 | 1/4 | 3,721 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 496 | 1/2 | 1,579 | 1/2 | 2,661 | 1/2 | 3,743 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 519 | 3/4 | 1,601 | 3/4 | 2,684 | 3/4 | 3,766 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 541 | 6 | 1,624 | 6 | 2,706 | 6 | 3,789 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 564 | 1/4 | 1,646 | 1/4 | 2,729 | 1/4 | 3,811 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 586 | 1/2 | 1,669 | 1/2 | 2,751 | 1/2 | 3,834 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 609 | 3/4 | 1,691 | 3/4 | 2,774 | 3/4 | 3,856 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 631 | 7 | 1,714 | 7 | 2,796 | 7 | 3,879 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 654 | 1/4 | 1,736 | 1/4 | 2,819 | 1/4 | 3,901 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 677 | 1/2 | 1,759 | 1/2 | 2,841 | 1/2 | 3,924 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 699 | 3/4 | 1,782 | 3/4 | 2,864 | 3/4 | 3,946 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 722 | 8 | 1,804 | 8 | 2,887 | 8 | 3,969 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 744 | 1/4 | 1,827 | 1/4 | 2,909 | 1/4 | 3,992 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 767 | 1/2 | 1,849 | 1/2 | 2,932 | 1/2 | 4,014 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 789 | 3/4 | 1,872 | 3/4 | 2,954 | 3/4 | 4,037 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 812 | 9 | 1,894 | 9 | 2,977 | 9 | 4,059 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 834 | 1/4 | 1,917 | 1/4 | 2,999 | 1/4 | 4,082 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 857 | 1/2 | 1,939 | 1/2 | 3,022 | 1/2 | 4,104 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 879 | 3/4 | 1,962 | 3/4 | 3,044 | 3/4 | 4,127 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 902 | 10 | 1,984 | 10 | 3,067 | 10 | 4,149 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 925 | 1/4 | 2,007 | 1/4 | 3,089 | 1/4 | 4,172 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 947 | 1/2 | 2,030 | 1/2 | 3,112 | 1/2 | 4,194 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 970 | 3/4 | 2,052 | 3/4 | 3,135 | 3/4 | 4,217 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 992 | 11 | 2,075 | 11 | 3,157 | 11 | 4,240 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,015 | 1/4 | 2,097 | 1/4 | 3,180 | 1/4 | 4,262 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,037 | 1/2 | 2,120 | 1/2 | 3,202 | 1/2 | 4,285 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,060 | 3/4 | 2,142 | 3/4 | 3,225 | 3/4 | 4,307 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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