



BARGE "WEB 321T"

INNAGE TRIM TABLE

| | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | |
|----------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 CENTER | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-1/2 | - 00-1/2 | 00-1/2 | - 00-1/2 |
| 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 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 |
| 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 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 |
| 3 PORT | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 |
| 3 STBD | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 | 00-0/8 |
| 4 CENTER | - 00-1/2 | 00-1/2 | - 00-1/2 | 00-1/2 | - 00-7/8 | 00-7/8 | - 01-1/8 | 01-1/8 | - 01-3/8 | 01-3/8 | - 01-5/8 | 01-5/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 260'-00"

April 20, 2012

PRECISION MEASUREMENT
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BARGE "WEB 321T"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

| 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 | 5.93 | 0 | 516.62 | 0 | 1,105.89 | 0 | 1,695.14 | 0 | 2,284.21 | 0 | 2,873.48 | 0 | 3,462.75 | 0 | 4,052.02 | 0 | 4,641.29 | 0 | 5,230.57 |
| 1/4 | 9.61 | 1/4 | 528.90 | 1/4 | 1,118.17 | 1/4 | 1,707.41 | 1/4 | 2,296.49 | 1/4 | 2,885.76 | 1/4 | 3,475.03 | 1/4 | 4,064.30 | 1/4 | 4,653.57 | 1/4 | 5,242.85 |
| 1/2 | 13.30 | 1/2 | 541.17 | 1/2 | 1,130.44 | 1/2 | 1,719.68 | 1/2 | 2,308.76 | 1/2 | 2,898.03 | 1/2 | 3,487.31 | 1/2 | 4,076.58 | 1/2 | 4,665.85 | 1/2 | 5,255.12 |
| 3/4 | 16.98 | 3/4 | 553.44 | 3/4 | 1,142.72 | 3/4 | 1,731.95 | 3/4 | 2,321.04 | 3/4 | 2,910.31 | 3/4 | 3,499.58 | 3/4 | 4,088.85 | 3/4 | 4,678.12 | 3/4 | 5,267.40 |
| 1 | 20.66 | 1 | 565.72 | 1 | 1,154.99 | 1 | 1,744.22 | 1 | 2,333.31 | 1 | 2,922.58 | 1 | 3,511.86 | 1 | 4,101.13 | 1 | 4,690.40 | 1 | 5,279.67 |
| 1 1/4 | 26.80 | 1 1/4 | 578.00 | 1 1/4 | 1,167.27 | 1 1/4 | 1,756.49 | 1 1/4 | 2,345.59 | 1 1/4 | 2,934.86 | 1 1/4 | 3,524.14 | 1 1/4 | 4,113.41 | 1 1/4 | 4,702.68 | 1 1/4 | 5,291.95 |
| 1 1/2 | 32.93 | 1 1/2 | 590.28 | 1 1/2 | 1,179.55 | 1 1/2 | 1,768.77 | 1 1/2 | 2,357.87 | 1 1/2 | 2,947.14 | 1 1/2 | 3,536.41 | 1 1/2 | 4,125.68 | 1 1/2 | 4,714.96 | 1 1/2 | 5,304.23 |
| 3/4 | 39.07 | 3/4 | 602.55 | 3/4 | 1,191.82 | 3/4 | 1,781.04 | 3/4 | 2,370.14 | 3/4 | 2,959.41 | 3/4 | 3,548.69 | 3/4 | 4,137.96 | 3/4 | 4,727.23 | 3/4 | 5,316.50 |
| 2 | 45.20 | 2 | 614.83 | 2 | 1,204.10 | 2 | 1,793.31 | 2 | 2,382.42 | 2 | 2,971.69 | 2 | 3,560.96 | 2 | 4,150.23 | 2 | 4,739.51 | 2 | 5,328.78 |
| 1 1/4 | 53.79 | 1 1/4 | 627.11 | 1 1/4 | 1,216.38 | 1 1/4 | 1,805.58 | 1 1/4 | 2,394.70 | 1 1/4 | 2,983.97 | 1 1/4 | 3,573.24 | 1 1/4 | 4,162.51 | 1 1/4 | 4,751.79 | 1 1/4 | 5,341.06 |
| 1 1/2 | 62.39 | 1 1/2 | 639.38 | 1 1/2 | 1,228.66 | 1 1/2 | 1,817.86 | 1 1/2 | 2,406.97 | 1 1/2 | 2,996.25 | 1 1/2 | 3,585.52 | 1 1/2 | 4,174.79 | 1 1/2 | 4,764.06 | 1 1/2 | 5,353.33 |
| 3/4 | 70.98 | 3/4 | 651.66 | 3/4 | 1,240.93 | 3/4 | 1,830.13 | 3/4 | 2,419.25 | 3/4 | 3,008.52 | 3/4 | 3,597.79 | 3/4 | 4,187.06 | 3/4 | 4,776.34 | 3/4 | 5,365.61 |
| 3 | 79.57 | 3 | 663.93 | 3 | 1,253.21 | 3 | 1,842.40 | 3 | 2,431.52 | 3 | 3,020.80 | 3 | 3,610.07 | 3 | 4,199.34 | 3 | 4,788.61 | 3 | 5,377.88 |
| 1 1/4 | 90.62 | 1 1/4 | 676.21 | 1 1/4 | 1,265.49 | 1 1/4 | 1,854.67 | 1 1/4 | 2,443.80 | 1 1/4 | 3,033.08 | 1 1/4 | 3,622.35 | 1 1/4 | 4,211.62 | 1 1/4 | 4,800.89 | 1 1/4 | 5,390.16 |
| 1 1/2 | 101.67 | 1 1/2 | 688.49 | 1 1/2 | 1,277.76 | 1 1/2 | 1,866.95 | 1 1/2 | 2,456.08 | 1 1/2 | 3,045.35 | 1 1/2 | 3,634.62 | 1 1/2 | 4,223.90 | 1 1/2 | 4,813.17 | 1 1/2 | 5,402.44 |
| 3/4 | 112.72 | 3/4 | 700.76 | 3/4 | 1,290.04 | 3/4 | 1,879.22 | 3/4 | 2,468.35 | 3/4 | 3,057.63 | 3/4 | 3,646.90 | 3/4 | 4,236.17 | 3/4 | 4,825.44 | 3/4 | 5,414.71 |
| 4 | 123.77 | 4 | 713.04 | 4 | 1,302.31 | 4 | 1,891.49 | 4 | 2,480.63 | 4 | 3,069.90 | 4 | 3,659.17 | 4 | 4,248.45 | 4 | 4,837.72 | 4 | 5,426.99 |
| 1 1/4 | 136.05 | 1 1/4 | 725.32 | 1 1/4 | 1,314.59 | 1 1/4 | 1,903.76 | 1 1/4 | 2,492.91 | 1 1/4 | 3,082.18 | 1 1/4 | 3,671.45 | 1 1/4 | 4,260.73 | 1 1/4 | 4,850.00 | 1 1/4 | 5,439.27 |
| 1 1/2 | 148.32 | 1 1/2 | 737.60 | 1 1/2 | 1,326.87 | 1 1/2 | 1,916.04 | 1 1/2 | 2,505.19 | 1 1/2 | 3,094.46 | 1 1/2 | 3,683.73 | 1 1/2 | 4,273.00 | 1 1/2 | 4,862.27 | 1 1/2 | 5,451.55 |
| 3/4 | 160.60 | 3/4 | 749.87 | 3/4 | 1,339.14 | 3/4 | 1,928.31 | 3/4 | 2,517.46 | 3/4 | 3,106.73 | 3/4 | 3,696.00 | 3/4 | 4,285.28 | 3/4 | 4,874.55 | 3/4 | 5,463.82 |
| 5 | 172.87 | 5 | 762.15 | 5 | 1,351.42 | 5 | 1,940.58 | 5 | 2,529.74 | 5 | 3,119.01 | 5 | 3,708.28 | 5 | 4,297.55 | 5 | 4,886.82 | 5 | 5,476.10 |
| 1 1/4 | 185.15 | 1 1/4 | 774.43 | 1 1/4 | 1,363.70 | 1 1/4 | 1,952.85 | 1 1/4 | 2,542.02 | 1 1/4 | 3,131.29 | 1 1/4 | 3,720.56 | 1 1/4 | 4,309.83 | 1 1/4 | 4,899.10 | 1 1/4 | 5,488.38 |
| 1 1/2 | 197.43 | 1 1/2 | 786.70 | 1 1/2 | 1,375.97 | 1 1/2 | 1,965.12 | 1 1/2 | 2,554.29 | 1 1/2 | 3,143.56 | 1 1/2 | 3,732.84 | 1 1/2 | 4,322.11 | 1 1/2 | 4,911.38 | 1 1/2 | 5,500.65 |
| 3/4 | 209.70 | 3/4 | 798.98 | 3/4 | 1,388.25 | 3/4 | 1,977.39 | 3/4 | 2,566.57 | 3/4 | 3,155.84 | 3/4 | 3,745.11 | 3/4 | 4,334.38 | 3/4 | 4,923.65 | 3/4 | 5,512.93 |
| 6 | 221.98 | 6 | 811.25 | 6 | 1,400.52 | 6 | 1,989.66 | 6 | 2,578.84 | 6 | 3,168.11 | 6 | 3,757.39 | 6 | 4,346.66 | 6 | 4,935.93 | 6 | 5,525.20 |
| 1 1/4 | 234.26 | 1 1/4 | 823.53 | 1 1/4 | 1,412.80 | 1 1/4 | 2,001.93 | 1 1/4 | 2,591.12 | 1 1/4 | 3,180.39 | 1 1/4 | 3,769.67 | 1 1/4 | 4,358.94 | 1 1/4 | 4,948.21 | 1 1/4 | 5,537.48 |
| 1 1/2 | 246.54 | 1 1/2 | 835.81 | 1 1/2 | 1,425.08 | 1 1/2 | 2,014.21 | 1 1/2 | 2,603.40 | 1 1/2 | 3,192.67 | 1 1/2 | 3,781.94 | 1 1/2 | 4,371.21 | 1 1/2 | 4,960.49 | 1 1/2 | 5,549.76 |
| 3/4 | 258.81 | 3/4 | 848.08 | 3/4 | 1,437.35 | 3/4 | 2,026.48 | 3/4 | 2,615.67 | 3/4 | 3,204.94 | 3/4 | 3,794.22 | 3/4 | 4,383.49 | 3/4 | 4,972.76 | 3/4 | 5,562.03 |
| 7 | 271.09 | 7 | 860.36 | 7 | 1,449.63 | 7 | 2,038.75 | 7 | 2,627.95 | 7 | 3,217.22 | 7 | 3,806.49 | 7 | 4,395.76 | 7 | 4,985.04 | 7 | 5,574.31 |
| 1 1/4 | 283.37 | 1 1/4 | 872.64 | 1 1/4 | 1,461.91 | 1 1/4 | 2,051.02 | 1 1/4 | 2,640.23 | 1 1/4 | 3,229.50 | 1 1/4 | 3,818.77 | 1 1/4 | 4,408.04 | 1 1/4 | 4,997.32 | 1 1/4 | 5,586.59 |
| 1 1/2 | 295.64 | 1 1/2 | 884.91 | 1 1/2 | 1,474.19 | 1 1/2 | 2,063.30 | 1 1/2 | 2,652.50 | 1 1/2 | 3,241.78 | 1 1/2 | 3,831.05 | 1 1/2 | 4,420.32 | 1 1/2 | 5,009.59 | 1 1/2 | 5,598.86 |
| 3/4 | 307.92 | 3/4 | 897.19 | 3/4 | 1,486.46 | 3/4 | 2,075.57 | 3/4 | 2,664.78 | 3/4 | 3,254.05 | 3/4 | 3,843.32 | 3/4 | 4,432.59 | 3/4 | 5,021.87 | 3/4 | 5,611.14 |
| 8 | 320.19 | 8 | 909.46 | 8 | 1,498.74 | 8 | 2,087.84 | 8 | 2,677.05 | 8 | 3,266.33 | 8 | 3,855.60 | 8 | 4,444.87 | 8 | 5,034.14 | 8 | 5,623.41 |
| 1 1/4 | 332.47 | 1 1/4 | 921.74 | 1 1/4 | 1,511.02 | 1 1/4 | 2,100.11 | 1 1/4 | 2,689.33 | 1 1/4 | 3,278.61 | 1 1/4 | 3,867.88 | 1 1/4 | 4,457.15 | 1 1/4 | 5,046.42 | 1 1/4 | 5,635.69 |
| 1 1/2 | 344.75 | 1 1/2 | 934.02 | 1 1/2 | 1,523.29 | 1 1/2 | 2,112.39 | 1 1/2 | 2,701.61 | 1 1/2 | 3,290.88 | 1 1/2 | 3,880.15 | 1 1/2 | 4,469.43 | 1 1/2 | 5,058.70 | 1 1/2 | 5,647.97 |
| 3/4 | 357.02 | 3/4 | 946.29 | 3/4 | 1,535.57 | 3/4 | 2,124.66 | 3/4 | 2,713.88 | 3/4 | 3,303.16 | 3/4 | 3,892.43 | 3/4 | 4,481.70 | 3/4 | 5,070.97 | 3/4 | 5,660.24 |
| 9 | 369.30 | 9 | 958.57 | 9 | 1,547.84 | 9 | 2,136.93 | 9 | 2,726.16 | 9 | 3,315.43 | 9 | 3,904.71 | 9 | 4,493.98 | 9 | 5,083.25 | 9 | 5,672.52 |
| 1 1/4 | 381.58 | 1 1/4 | 970.85 | 1 1/4 | 1,560.12 | 1 1/4 | 2,149.20 | 1 1/4 | 2,738.44 | 1 1/4 | 3,327.71 | 1 1/4 | 3,916.98 | 1 1/4 | 4,506.26 | 1 1/4 | 5,095.53 | 1 1/4 | 5,684.80 |
| 1 1/2 | 393.85 | 1 1/2 | 983.13 | 1 1/2 | 1,572.40 | 1 1/2 | 2,161.47 | 1 1/2 | 2,750.72 | 1 1/2 | 3,339.99 | 1 1/2 | 3,929.26 | 1 1/2 | 4,518.53 | 1 1/2 | 5,107.80 | 1 1/2 | 5,697.08 |
| 3/4 | 406.13 | 3/4 | 995.40 | 3/4 | 1,584.67 | 3/4 | 2,173.74 | 3/4 | 2,762.99 | 3/4 | 3,352.26 | 3/4 | 3,941.63 | 3/4 | 4,530.81 | 3/4 | 5,120.08 | 3/4 | 5,709.35 |
| 10 | 418.40 | 10 | 1,007.68 | 10 | 1,596.95 | 10 | 2,186.01 | 10 | 2,775.27 | 10 | 3,364.54 | 10 | 3,953.81 | 10 | 4,543.08 | 10 | 5,132.35 | 10 | 5,721.63 |
| 1 1/4 | 430.68 | 1 1/4 | 1,019.96 | 1 1/4 | 1,609.23 | 1 1/4 | 2,198.28 | 1 1/4 | 2,787.55 | 1 1/4 | 3,376.82 | 1 1/4 | 3,966.09 | 1 1/4 | 4,555.36 | 1 1/4 | 5,144.63 | 1 1/4 | 5,733.91 |
| 1 1/2 | 442.96 | 1 1/2 | 1,032.23 | 1 1/2 | 1,621.50 | 1 1/2 | 2,210.56 | 1 1/2 | 2,799.82 | 1 1/2 | 3,389.09 | 1 1/2 | 3,978.37 | 1 1/2 | 4,567.64 | 1 1/2 | 5,156.91 | 1 1/2 | 5,746.18 |
| 3/4 | 455.23 | 3/4 | 1,044.51 | 3/4 | 1,633.78 | 3/4 | 2,222.83 | 3/4 | 2,812.10 | 3/4 | 3,401.37 | 3/4 | 3,990.64 | 3/4 | 4,579.91 | 3/4 | 5,169.18 | 3/4 | 5,758.46 |
| 11 | 467.51 | 11 | 1,056.78 | 11 | 1,646.05 | 11 | 2,235.10 | 11 | 2,824.37 | 11 | 3,413.64 | 11 | 4,002.92 | 11 | 4,592.19 | 11 | 5,181.46 | 11 | 5,770.73 |
| 1 1/4 | 479.79 | 1 1/4 | 1,069.06 | 1 1/4 | 1,658.32 | 1 1/4 | 2,247.38 | 1 1/4 | 2,836.65 | 1 1/4 | 3,425.92 | 1 1/4 | 4,015.20 | 1 1/4 | 4,604.47 | 1 1/4 | 5,193.74 | 1 1/4 | 5,783.01 |
| 1 1/2 | 492.07 | 1 1/2 | 1,081.34 | 1 1/2 | 1,670.60 | 1 1/2 | 2,259.66 | 1 1/2 | 2,848.93 | 1 1/2 | 3,438.20 | 1 1/2 | 4,027.47 | 1 1/2 | 4,616.74 | 1 1/2 | 5,206.02 | 1 1/2 | 5,795.29 |
| 3/4 | 504.34 | 3/4 | 1,093.61 | 3/4 | 1,682.87 | 3/4 | 2,271.93 | 3/4 | 2,861.20 | 3/4 | 3,450.47 | 3/4 | 4,039.75 | 3/4 | 4,629.02 | 3/4 | 5,218.29 | 3/4 | 5,807.56 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
COMPARTMENT BOTTOM SLOPES 5" FROM TANK SIDE TO CENTERLINE BULKHEAD.
CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.
GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 03'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

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BARGE "WEB 321T"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0 | 5,819.84 | 0 | 6,409.11 | 0 | 6,998.38 | 0 | 7,587.65 | 0 | 8,177.01 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 5,832.12 | 1/4 | 6,421.39 | 1/4 | 7,010.66 | 1/4 | 7,599.93 | 1/4 | 8,189.29 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,844.39 | 1/2 | 6,433.67 | 1/2 | 7,022.94 | 1/2 | 7,612.21 | 1/2 | 8,201.57 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,856.67 | 3/4 | 6,445.94 | 3/4 | 7,035.21 | 3/4 | 7,624.48 | 3/4 | 8,213.85 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 5,868.94 | 1 | 6,458.22 | 1 | 7,047.49 | 1 | 7,636.76 | 1 | 8,226.13 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1 1/4 | 5,881.22 | 1 1/4 | 6,470.50 | 1 1/4 | 7,059.77 | 1 1/4 | 7,649.04 | 1 1/4 | 8,238.41 | 1 1/4 | | 1 1/4 | | 1 1/4 | | 1 1/4 | | 1 1/4 | |
| 1 1/2 | 5,893.50 | 1 1/2 | 6,482.77 | 1 1/2 | 7,072.04 | 1 1/2 | 7,661.32 | 1 1/2 | 8,250.69 | 1 1/2 | | 1 1/2 | | 1 1/2 | | 1 1/2 | | 1 1/2 | |
| 3/2 | 5,905.77 | 3/2 | 6,495.05 | 3/2 | 7,084.32 | 3/2 | 7,673.60 | 3/2 | 8,262.96 | 3/2 | | 3/2 | | 3/2 | | 3/2 | | 3/2 | |
| 2 | 5,918.05 | 2 | 6,507.32 | 2 | 7,096.59 | 2 | 7,685.88 | 2 | 8,275.24 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 2 1/4 | 5,930.33 | 2 1/4 | 6,519.60 | 2 1/4 | 7,108.87 | 2 1/4 | 7,698.16 | 2 1/4 | 8,287.52 | 2 1/4 | | 2 1/4 | | 2 1/4 | | 2 1/4 | | 2 1/4 | |
| 2 1/2 | 5,942.61 | 2 1/2 | 6,531.88 | 2 1/2 | 7,121.15 | 2 1/2 | 7,710.44 | 2 1/2 | 8,299.80 | 2 1/2 | | 2 1/2 | | 2 1/2 | | 2 1/2 | | 2 1/2 | |
| 3/2 | 5,954.88 | 3/2 | 6,544.15 | 3/2 | 7,133.42 | 3/2 | 7,722.71 | 3/2 | 8,312.07 | 3/2 | | 3/2 | | 3/2 | | 3/2 | | 3/2 | |
| 3 | 5,967.16 | 3 | 6,556.43 | 3 | 7,145.70 | 3 | 7,734.99 | 3 | 8,324.35 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 3 1/4 | 5,979.44 | 3 1/4 | 6,568.71 | 3 1/4 | 7,157.98 | 3 1/4 | 7,747.27 | 3 1/4 | 8,336.63 | 3 1/4 | | 3 1/4 | | 3 1/4 | | 3 1/4 | | 3 1/4 | |
| 3 1/2 | 5,991.71 | 3 1/2 | 6,580.98 | 3 1/2 | 7,170.26 | 3 1/2 | 7,759.55 | 3 1/2 | 8,348.91 | 3 1/2 | | 3 1/2 | | 3 1/2 | | 3 1/2 | | 3 1/2 | |
| 3/4 | 6,003.99 | 3/4 | 6,593.26 | 3/4 | 7,182.53 | 3/4 | 7,771.82 | 3/4 | 8,361.19 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 6,016.26 | 4 | 6,605.53 | 4 | 7,194.81 | 4 | 7,784.10 | 4 | 8,373.47 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 4 1/4 | 6,028.54 | 4 1/4 | 6,617.81 | 4 1/4 | 7,207.09 | 4 1/4 | 7,796.38 | 4 1/4 | 8,385.75 | 4 1/4 | | 4 1/4 | | 4 1/4 | | 4 1/4 | | 4 1/4 | |
| 4 1/2 | 6,040.82 | 4 1/2 | 6,630.09 | 4 1/2 | 7,219.36 | 4 1/2 | 7,808.66 | 4 1/2 | 8,398.03 | 4 1/2 | | 4 1/2 | | 4 1/2 | | 4 1/2 | | 4 1/2 | |
| 3/4 | 6,053.09 | 3/4 | 6,642.36 | 3/4 | 7,231.64 | 3/4 | 7,820.94 | 3/4 | 8,410.30 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 6,065.37 | 5 | 6,654.64 | 5 | 7,243.91 | 5 | 7,833.22 | 5 | 8,422.58 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 5 1/4 | 6,077.65 | 5 1/4 | 6,666.92 | 5 1/4 | 7,256.19 | 5 1/4 | 7,845.50 | 5 1/4 | 8,434.86 | 5 1/4 | | 5 1/4 | | 5 1/4 | | 5 1/4 | | 5 1/4 | |
| 5 1/2 | 6,089.92 | 5 1/2 | 6,679.20 | 5 1/2 | 7,268.47 | 5 1/2 | 7,857.78 | 5 1/2 | 8,447.14 | 5 1/2 | | 5 1/2 | | 5 1/2 | | 5 1/2 | | 5 1/2 | |
| 3/2 | 6,102.20 | 3/2 | 6,691.47 | 3/2 | 7,280.74 | 3/2 | 7,870.05 | 3/2 | 8,459.41 | 3/2 | | 3/2 | | 3/2 | | 3/2 | | 3/2 | |
| 6 | 6,114.47 | 6 | 6,703.75 | 6 | 7,293.02 | 6 | 7,882.33 | 6 | 8,471.69 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 6 1/4 | 6,126.75 | 6 1/4 | 6,716.03 | 6 1/4 | 7,305.30 | 6 1/4 | 7,894.61 | 6 1/4 | 8,483.97 | 6 1/4 | | 6 1/4 | | 6 1/4 | | 6 1/4 | | 6 1/4 | |
| 6 1/2 | 6,139.03 | 6 1/2 | 6,728.30 | 6 1/2 | 7,317.57 | 6 1/2 | 7,906.89 | 6 1/2 | 8,496.25 | 6 1/2 | | 6 1/2 | | 6 1/2 | | 6 1/2 | | 6 1/2 | |
| 3/4 | 6,151.30 | 3/4 | 6,740.58 | 3/4 | 7,329.85 | 3/4 | 7,919.16 | 3/4 | 8,508.53 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 6,163.58 | 7 | 6,752.85 | 7 | 7,342.12 | 7 | 7,931.44 | 7 | 8,520.81 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 7 1/4 | 6,175.86 | 7 1/4 | 6,765.13 | 7 1/4 | 7,354.40 | 7 1/4 | 7,943.72 | 7 1/4 | 8,532.93 | 7 1/4 | | 7 1/4 | | 7 1/4 | | 7 1/4 | | 7 1/4 | |
| 7 1/2 | 6,188.14 | 7 1/2 | 6,777.41 | 7 1/2 | 7,366.68 | 7 1/2 | 7,956.00 | 7 1/2 | 8,545.04 | 7 1/2 | | 7 1/2 | | 7 1/2 | | 7 1/2 | | 7 1/2 | |
| 3/4 | 6,200.41 | 3/4 | 6,789.68 | 3/4 | 7,378.95 | 3/4 | 7,968.28 | 3/4 | 8,557.16 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 6,212.69 | 8 | 6,801.96 | 8 | 7,391.23 | 8 | 7,980.56 | 8 | 8,569.27 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 8 1/4 | 6,224.97 | 8 1/4 | 6,814.24 | 8 1/4 | 7,403.51 | 8 1/4 | 7,992.84 | 8 1/4 | 8,579.29 | 8 1/4 | | 8 1/4 | | 8 1/4 | | 8 1/4 | | 8 1/4 | |
| 8 1/2 | 6,237.24 | 8 1/2 | 6,826.51 | 8 1/2 | 7,415.79 | 8 1/2 | 8,005.12 | 8 1/2 | 8,589.31 | 8 1/2 | | 8 1/2 | | 8 1/2 | | 8 1/2 | | 8 1/2 | |
| 3/4 | 6,249.52 | 3/4 | 6,838.79 | 3/4 | 7,428.06 | 3/4 | 8,017.39 | 3/4 | 8,599.32 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 6,261.79 | 9 | 6,851.06 | 9 | 7,440.34 | 9 | 8,029.67 | 9 | 8,609.34 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 9 1/4 | 6,274.07 | 9 1/4 | 6,863.34 | 9 1/4 | 7,452.62 | 9 1/4 | 8,041.95 | 9 1/4 | 8,616.77 | 9 1/4 | | 9 1/4 | | 9 1/4 | | 9 1/4 | | 9 1/4 | |
| 9 1/2 | 6,286.35 | 9 1/2 | 6,875.62 | 9 1/2 | 7,464.89 | 9 1/2 | 8,054.23 | 9 1/2 | 8,624.20 | 9 1/2 | | 9 1/2 | | 9 1/2 | | 9 1/2 | | 9 1/2 | |
| 3/4 | 6,298.62 | 3/4 | 6,887.89 | 3/4 | 7,477.17 | 3/4 | 8,066.51 | 3/4 | 8,631.63 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 6,310.90 | 10 | 6,900.17 | 10 | 7,489.44 | 10 | 8,078.79 | 10 | 8,639.06 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 10 1/4 | 6,323.18 | 10 1/4 | 6,912.45 | 10 1/4 | 7,501.72 | 10 1/4 | 8,091.07 | 10 1/4 | 8,643.91 | 10 1/4 | | 10 1/4 | | 10 1/4 | | 10 1/4 | | 10 1/4 | |
| 10 1/2 | 6,335.45 | 10 1/2 | 6,924.73 | 10 1/2 | 7,514.00 | 10 1/2 | 8,103.35 | 10 1/2 | 8,648.76 | 10 1/2 | | 10 1/2 | | 10 1/2 | | 10 1/2 | | 10 1/2 | |
| 3/4 | 6,347.73 | 3/4 | 6,937.00 | 3/4 | 7,526.27 | 3/4 | 8,115.62 | 3/4 | 8,653.60 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 6,360.00 | 11 | 6,949.28 | 11 | 7,538.55 | 11 | 8,127.90 | 11 | 8,658.45 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 11 1/4 | 6,372.28 | 11 1/4 | 6,961.56 | 11 1/4 | 7,550.83 | 11 1/4 | 8,140.18 | 11 1/4 | | 11 1/4 | | 11 1/4 | | 11 1/4 | | 11 1/4 | | 11 1/4 | |
| 11 1/2 | 6,384.56 | 11 1/2 | 6,973.83 | 11 1/2 | 7,563.10 | 11 1/2 | 8,152.46 | 11 1/2 | | 11 1/2 | | 11 1/2 | | 11 1/2 | | 11 1/2 | | 11 1/2 | |
| 3/4 | 6,396.83 | 3/4 | 6,986.11 | 3/4 | 7,575.38 | 3/4 | 8,164.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 03/28/2007 ITS
DECK MEASUREMENTS: 04/20/2012 SW
REPRINTED: 04/20/20112 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 321T"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-02"

| 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 | 14.90 | 0 | 278.67 | 0 | 556.94 | 0 | 835.15 | 0 | 1,113.23 | 0 | 1,391.50 | 0 | 1,669.76 | 0 | 1,948.02 | 0 | 2,226.28 | 0 | 2,504.54 |
| 1/4 | 18.38 | 1/4 | 284.47 | 1/4 | 562.74 | 1/4 | 840.94 | 1/4 | 1,119.03 | 1/4 | 1,397.30 | 1/4 | 1,675.55 | 1/4 | 1,953.82 | 1/4 | 2,232.08 | 1/4 | 2,510.34 |
| 1/2 | 21.86 | 1/2 | 290.27 | 1/2 | 568.53 | 1/2 | 846.74 | 1/2 | 1,124.83 | 1/2 | 1,403.09 | 1/2 | 1,681.35 | 1/2 | 1,959.61 | 1/2 | 2,237.87 | 1/2 | 2,516.14 |
| 3/4 | 25.33 | 3/4 | 296.06 | 3/4 | 574.33 | 3/4 | 852.53 | 3/4 | 1,130.62 | 3/4 | 1,408.89 | 3/4 | 1,687.14 | 3/4 | 1,965.41 | 3/4 | 2,243.67 | 3/4 | 2,521.93 |
| 1 | 28.81 | 1 | 301.86 | 1 | 580.12 | 1 | 858.32 | 1 | 1,136.42 | 1 | 1,414.68 | 1 | 1,692.94 | 1 | 1,971.21 | 1 | 2,249.47 | 1 | 2,527.73 |
| 1/4 | 33.45 | 1/4 | 307.66 | 1/4 | 585.92 | 1/4 | 864.11 | 1/4 | 1,142.22 | 1/4 | 1,420.48 | 1/4 | 1,698.74 | 1/4 | 1,977.00 | 1/4 | 2,255.26 | 1/4 | 2,533.53 |
| 1/2 | 38.09 | 1/2 | 313.46 | 1/2 | 591.72 | 1/2 | 869.91 | 1/2 | 1,148.02 | 1/2 | 1,426.28 | 1/2 | 1,704.53 | 1/2 | 1,982.80 | 1/2 | 2,261.06 | 1/2 | 2,539.33 |
| 3/4 | 42.72 | 3/4 | 319.25 | 3/4 | 597.51 | 3/4 | 875.70 | 3/4 | 1,153.81 | 3/4 | 1,432.07 | 3/4 | 1,710.33 | 3/4 | 1,988.59 | 3/4 | 2,266.85 | 3/4 | 2,545.12 |
| 2 | 47.36 | 2 | 325.05 | 2 | 603.31 | 2 | 881.49 | 2 | 1,159.61 | 2 | 1,437.87 | 2 | 1,716.13 | 2 | 1,994.39 | 2 | 2,272.65 | 2 | 2,550.92 |
| 1/4 | 53.01 | 1/4 | 330.85 | 1/4 | 609.11 | 1/4 | 887.28 | 1/4 | 1,165.41 | 1/4 | 1,443.67 | 1/4 | 1,721.93 | 1/4 | 2,000.19 | 1/4 | 2,278.45 | 1/4 | 2,556.72 |
| 1/2 | 58.67 | 1/2 | 336.65 | 1/2 | 614.91 | 1/2 | 893.08 | 1/2 | 1,171.21 | 1/2 | 1,449.47 | 1/2 | 1,727.72 | 1/2 | 2,005.98 | 1/2 | 2,284.24 | 1/2 | 2,562.51 |
| 3/4 | 64.32 | 3/4 | 342.44 | 3/4 | 620.70 | 3/4 | 898.87 | 3/4 | 1,177.00 | 3/4 | 1,455.26 | 3/4 | 1,733.52 | 3/4 | 2,011.78 | 3/4 | 2,290.04 | 3/4 | 2,568.31 |
| 3 | 69.97 | 3 | 348.24 | 3 | 626.50 | 3 | 904.66 | 3 | 1,182.80 | 3 | 1,461.06 | 3 | 1,739.32 | 3 | 2,017.58 | 3 | 2,295.84 | 3 | 2,574.10 |
| 1/4 | 75.77 | 1/4 | 354.04 | 1/4 | 632.30 | 1/4 | 910.45 | 1/4 | 1,188.60 | 1/4 | 1,466.86 | 1/4 | 1,745.12 | 1/4 | 2,023.38 | 1/4 | 2,301.64 | 1/4 | 2,579.90 |
| 1/2 | 81.57 | 1/2 | 359.84 | 1/2 | 638.10 | 1/2 | 916.25 | 1/2 | 1,194.40 | 1/2 | 1,472.66 | 1/2 | 1,750.91 | 1/2 | 2,029.17 | 1/2 | 2,307.44 | 1/2 | 2,585.70 |
| 3/4 | 87.36 | 3/4 | 365.63 | 3/4 | 643.89 | 3/4 | 922.04 | 3/4 | 1,200.19 | 3/4 | 1,478.45 | 3/4 | 1,756.71 | 3/4 | 2,034.97 | 3/4 | 2,313.23 | 3/4 | 2,591.49 |
| 4 | 93.16 | 4 | 371.43 | 4 | 649.69 | 4 | 927.83 | 4 | 1,205.99 | 4 | 1,484.25 | 4 | 1,762.51 | 4 | 2,040.77 | 4 | 2,319.03 | 4 | 2,597.29 |
| 1/4 | 98.96 | 1/4 | 377.23 | 1/4 | 655.49 | 1/4 | 933.62 | 1/4 | 1,211.79 | 1/4 | 1,490.05 | 1/4 | 1,768.31 | 1/4 | 2,046.57 | 1/4 | 2,324.83 | 1/4 | 2,603.09 |
| 1/2 | 104.76 | 1/2 | 383.02 | 1/2 | 661.29 | 1/2 | 939.42 | 1/2 | 1,217.59 | 1/2 | 1,495.85 | 1/2 | 1,774.10 | 1/2 | 2,052.36 | 1/2 | 2,330.63 | 1/2 | 2,608.89 |
| 3/4 | 110.55 | 3/4 | 388.82 | 3/4 | 667.08 | 3/4 | 945.21 | 3/4 | 1,223.38 | 3/4 | 1,501.64 | 3/4 | 1,779.90 | 3/4 | 2,058.16 | 3/4 | 2,336.42 | 3/4 | 2,614.68 |
| 5 | 116.35 | 5 | 394.61 | 5 | 672.88 | 5 | 951.00 | 5 | 1,229.18 | 5 | 1,507.44 | 5 | 1,785.70 | 5 | 2,063.96 | 5 | 2,342.22 | 5 | 2,620.48 |
| 1/4 | 122.15 | 1/4 | 400.41 | 1/4 | 678.68 | 1/4 | 956.79 | 1/4 | 1,234.98 | 1/4 | 1,513.24 | 1/4 | 1,791.50 | 1/4 | 2,069.76 | 1/4 | 2,348.02 | 1/4 | 2,626.28 |
| 1/2 | 127.95 | 1/2 | 406.21 | 1/2 | 684.48 | 1/2 | 962.59 | 1/2 | 1,240.77 | 1/2 | 1,519.04 | 1/2 | 1,797.29 | 1/2 | 2,075.55 | 1/2 | 2,353.82 | 1/2 | 2,632.08 |
| 3/4 | 133.74 | 3/4 | 412.00 | 3/4 | 690.27 | 3/4 | 968.38 | 3/4 | 1,246.57 | 3/4 | 1,524.83 | 3/4 | 1,803.09 | 3/4 | 2,081.35 | 3/4 | 2,359.61 | 3/4 | 2,637.87 |
| 6 | 139.54 | 6 | 417.80 | 6 | 696.07 | 6 | 974.17 | 6 | 1,252.36 | 6 | 1,530.63 | 6 | 1,808.89 | 6 | 2,087.15 | 6 | 2,365.41 | 6 | 2,643.67 |
| 1/4 | 145.34 | 1/4 | 423.60 | 1/4 | 701.87 | 1/4 | 979.96 | 1/4 | 1,258.16 | 1/4 | 1,536.43 | 1/4 | 1,814.68 | 1/4 | 2,092.95 | 1/4 | 2,371.21 | 1/4 | 2,649.47 |
| 1/2 | 151.14 | 1/2 | 429.40 | 1/2 | 707.67 | 1/2 | 985.76 | 1/2 | 1,263.96 | 1/2 | 1,542.22 | 1/2 | 1,820.48 | 1/2 | 2,098.74 | 1/2 | 2,377.01 | 1/2 | 2,655.27 |
| 3/4 | 156.93 | 3/4 | 435.19 | 3/4 | 713.46 | 3/4 | 991.55 | 3/4 | 1,269.75 | 3/4 | 1,548.02 | 3/4 | 1,826.27 | 3/4 | 2,104.54 | 3/4 | 2,382.80 | 3/4 | 2,661.06 |
| 7 | 162.73 | 7 | 440.99 | 7 | 719.26 | 7 | 997.34 | 7 | 1,275.55 | 7 | 1,553.81 | 7 | 1,832.07 | 7 | 2,110.34 | 7 | 2,388.60 | 7 | 2,666.86 |
| 1/4 | 168.53 | 1/4 | 446.79 | 1/4 | 725.06 | 1/4 | 1,003.13 | 1/4 | 1,281.35 | 1/4 | 1,559.61 | 1/4 | 1,837.87 | 1/4 | 2,116.13 | 1/4 | 2,394.40 | 1/4 | 2,672.66 |
| 1/2 | 174.32 | 1/2 | 452.59 | 1/2 | 730.86 | 1/2 | 1,008.93 | 1/2 | 1,287.15 | 1/2 | 1,565.41 | 1/2 | 1,843.66 | 1/2 | 2,121.93 | 1/2 | 2,400.19 | 1/2 | 2,678.46 |
| 3/4 | 180.12 | 3/4 | 458.38 | 3/4 | 736.65 | 3/4 | 1,014.72 | 3/4 | 1,292.94 | 3/4 | 1,571.20 | 3/4 | 1,849.46 | 3/4 | 2,127.72 | 3/4 | 2,405.99 | 3/4 | 2,684.25 |
| 8 | 185.91 | 8 | 464.18 | 8 | 742.45 | 8 | 1,020.51 | 8 | 1,298.74 | 8 | 1,577.00 | 8 | 1,855.26 | 8 | 2,133.52 | 8 | 2,411.78 | 8 | 2,690.05 |
| 1/4 | 191.71 | 1/4 | 469.98 | 1/4 | 748.25 | 1/4 | 1,026.30 | 1/4 | 1,304.54 | 1/4 | 1,582.80 | 1/4 | 1,861.06 | 1/4 | 2,139.32 | 1/4 | 2,417.58 | 1/4 | 2,695.85 |
| 1/2 | 197.51 | 1/2 | 475.78 | 1/2 | 754.04 | 1/2 | 1,032.10 | 1/2 | 1,310.34 | 1/2 | 1,588.60 | 1/2 | 1,866.85 | 1/2 | 2,145.11 | 1/2 | 2,423.38 | 1/2 | 2,701.64 |
| 3/4 | 203.30 | 3/4 | 481.57 | 3/4 | 759.84 | 3/4 | 1,037.89 | 3/4 | 1,316.13 | 3/4 | 1,594.39 | 3/4 | 1,872.65 | 3/4 | 2,150.91 | 3/4 | 2,429.17 | 3/4 | 2,707.44 |
| 9 | 209.10 | 9 | 487.37 | 9 | 765.63 | 9 | 1,043.68 | 9 | 1,321.93 | 9 | 1,600.19 | 9 | 1,878.45 | 9 | 2,156.71 | 9 | 2,434.97 | 9 | 2,713.23 |
| 1/4 | 214.90 | 1/4 | 493.17 | 1/4 | 771.43 | 1/4 | 1,049.48 | 1/4 | 1,327.73 | 1/4 | 1,605.99 | 1/4 | 1,884.25 | 1/4 | 2,162.51 | 1/4 | 2,440.77 | 1/4 | 2,719.03 |
| 1/2 | 220.70 | 1/2 | 498.97 | 1/2 | 777.22 | 1/2 | 1,055.27 | 1/2 | 1,333.53 | 1/2 | 1,611.79 | 1/2 | 1,890.04 | 1/2 | 2,168.30 | 1/2 | 2,446.57 | 1/2 | 2,724.83 |
| 3/4 | 226.49 | 3/4 | 504.76 | 3/4 | 783.02 | 3/4 | 1,061.07 | 3/4 | 1,339.32 | 3/4 | 1,617.58 | 3/4 | 1,895.84 | 3/4 | 2,174.10 | 3/4 | 2,452.36 | 3/4 | 2,730.62 |
| 10 | 232.29 | 10 | 510.56 | 10 | 788.81 | 10 | 1,066.86 | 10 | 1,345.12 | 10 | 1,623.38 | 10 | 1,901.64 | 10 | 2,179.90 | 10 | 2,458.16 | 10 | 2,736.42 |
| 1/4 | 238.09 | 1/4 | 516.36 | 1/4 | 794.60 | 1/4 | 1,072.66 | 1/4 | 1,350.92 | 1/4 | 1,629.18 | 1/4 | 1,907.44 | 1/4 | 2,185.70 | 1/4 | 2,463.96 | 1/4 | 2,742.22 |
| 1/2 | 243.89 | 1/2 | 522.16 | 1/2 | 800.40 | 1/2 | 1,078.46 | 1/2 | 1,356.72 | 1/2 | 1,634.97 | 1/2 | 1,913.23 | 1/2 | 2,191.49 | 1/2 | 2,469.76 | 1/2 | 2,748.02 |
| 3/4 | 249.68 | 3/4 | 527.95 | 3/4 | 806.19 | 3/4 | 1,084.25 | 3/4 | 1,362.51 | 3/4 | 1,640.77 | 3/4 | 1,919.03 | 3/4 | 2,197.29 | 3/4 | 2,475.55 | 3/4 | 2,753.81 |
| 11 | 255.48 | 11 | 533.75 | 11 | 811.98 | 11 | 1,090.05 | 11 | 1,368.31 | 11 | 1,646.57 | 11 | 1,924.83 | 11 | 2,203.09 | 11 | 2,481.35 | 11 | 2,759.61 |
| 1/4 | 261.28 | 1/4 | 539.55 | 1/4 | 817.77 | 1/4 | 1,095.85 | 1/4 | 1,374.11 | 1/4 | 1,652.37 | 1/4 | 1,930.63 | 1/4 | 2,208.89 | 1/4 | 2,487.15 | 1/4 | 2,765.41 |
| 1/2 | 267.08 | 1/2 | 545.35 | 1/2 | 823.57 | 1/2 | 1,101.64 | 1/2 | 1,379.91 | 1/2 | 1,658.16 | 1/2 | 1,936.42 | 1/2 | 2,214.68 | 1/2 | 2,492.95 | 1/2 | 2,771.21 |
| 3/4 | 272.87 | 3/4 | 551.14 | 3/4 | 829.36 | 3/4 | 1,107.44 | 3/4 | 1,385.70 | 3/4 | 1,663.96 | 3/4 | 1,942.22 | 3/4 | 2,220.48 | 3/4 | 2,498.74 | 3/4 | 2,777.00 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
COMPARTMENT BOTTOM SLOPES 5" FROM TANK SIDE TO CENTERLINE BULKHEAD.
CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.
GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77568
<http://www.pmacorp.net>



BARGE "WEB 321T"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-02"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,782.80 | 0 | 3,061.06 | 0 | 3,339.32 | 0 | 3,617.58 | 0 | 3,895.89 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,788.60 | 1/4 | 3,066.86 | 1/4 | 3,345.12 | 1/4 | 3,623.38 | 1/4 | 3,901.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,794.40 | 1/2 | 3,072.66 | 1/2 | 3,350.92 | 1/2 | 3,629.18 | 1/2 | 3,907.49 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,800.19 | 3/4 | 3,078.45 | 3/4 | 3,356.71 | 3/4 | 3,634.98 | 3/4 | 3,913.29 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2,805.99 | 1 | 3,084.25 | 1 | 3,362.51 | 1 | 3,640.78 | 1 | 3,919.09 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 2,811.79 | 1/4 | 3,090.05 | 1/4 | 3,368.31 | 1/4 | 3,646.58 | 1/4 | 3,924.89 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,817.59 | 1/2 | 3,095.85 | 1/2 | 3,374.11 | 1/2 | 3,652.38 | 1/2 | 3,930.69 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,823.38 | 3/4 | 3,101.64 | 3/4 | 3,379.90 | 3/4 | 3,658.17 | 3/4 | 3,936.48 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 2,829.18 | 2 | 3,107.44 | 2 | 3,385.70 | 2 | 3,663.97 | 2 | 3,942.28 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 2,834.98 | 1/4 | 3,113.24 | 1/4 | 3,391.50 | 1/4 | 3,669.77 | 1/4 | 3,948.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,840.77 | 1/2 | 3,119.04 | 1/2 | 3,397.30 | 1/2 | 3,675.57 | 1/2 | 3,953.88 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,846.57 | 3/4 | 3,124.83 | 3/4 | 3,403.09 | 3/4 | 3,681.36 | 3/4 | 3,959.67 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 2,852.36 | 3 | 3,130.63 | 3 | 3,408.89 | 3 | 3,687.16 | 3 | 3,965.47 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 2,858.16 | 1/4 | 3,136.43 | 1/4 | 3,414.69 | 1/4 | 3,692.96 | 1/4 | 3,971.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,863.96 | 1/2 | 3,142.22 | 1/2 | 3,420.48 | 1/2 | 3,698.76 | 1/2 | 3,977.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,869.75 | 3/4 | 3,148.02 | 3/4 | 3,426.28 | 3/4 | 3,704.55 | 3/4 | 3,982.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 2,875.55 | 4 | 3,153.81 | 4 | 3,432.07 | 4 | 3,710.35 | 4 | 3,988.66 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 2,881.35 | 1/4 | 3,159.61 | 1/4 | 3,437.87 | 1/4 | 3,716.15 | 1/4 | 3,994.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,887.15 | 1/2 | 3,165.41 | 1/2 | 3,443.67 | 1/2 | 3,721.95 | 1/2 | 4,000.26 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,892.94 | 3/4 | 3,171.20 | 3/4 | 3,449.46 | 3/4 | 3,727.75 | 3/4 | 4,006.06 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 2,898.74 | 5 | 3,177.00 | 5 | 3,455.26 | 5 | 3,733.55 | 5 | 4,011.86 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 2,904.54 | 1/4 | 3,182.80 | 1/4 | 3,461.06 | 1/4 | 3,739.35 | 1/4 | 4,017.66 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,910.34 | 1/2 | 3,188.60 | 1/2 | 3,466.86 | 1/2 | 3,745.15 | 1/2 | 4,023.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,916.13 | 3/4 | 3,194.39 | 3/4 | 3,472.65 | 3/4 | 3,750.94 | 3/4 | 4,029.25 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 2,921.93 | 6 | 3,200.19 | 6 | 3,478.45 | 6 | 3,756.74 | 6 | 4,035.05 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 2,927.73 | 1/4 | 3,205.99 | 1/4 | 3,484.25 | 1/4 | 3,762.54 | 1/4 | 4,040.60 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,933.53 | 1/2 | 3,211.79 | 1/2 | 3,490.05 | 1/2 | 3,768.34 | 1/2 | 4,046.15 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,939.32 | 3/4 | 3,217.58 | 3/4 | 3,495.84 | 3/4 | 3,774.13 | 3/4 | 4,051.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,945.12 | 7 | 3,223.38 | 7 | 3,501.64 | 7 | 3,779.93 | 7 | 4,057.25 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 2,950.92 | 1/4 | 3,229.18 | 1/4 | 3,507.44 | 1/4 | 3,785.73 | 1/4 | 4,061.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,956.72 | 1/2 | 3,234.98 | 1/2 | 3,513.24 | 1/2 | 3,791.53 | 1/2 | 4,065.89 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,962.51 | 3/4 | 3,240.77 | 3/4 | 3,519.03 | 3/4 | 3,797.32 | 3/4 | 4,070.20 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,968.31 | 8 | 3,246.57 | 8 | 3,524.83 | 8 | 3,803.12 | 8 | 4,074.52 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 2,974.11 | 1/4 | 3,252.37 | 1/4 | 3,530.63 | 1/4 | 3,808.92 | 1/4 | 4,077.52 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,979.90 | 1/2 | 3,258.17 | 1/2 | 3,536.43 | 1/2 | 3,814.72 | 1/2 | 4,080.52 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,985.70 | 3/4 | 3,263.96 | 3/4 | 3,542.22 | 3/4 | 3,820.52 | 3/4 | 4,083.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,991.49 | 9 | 3,269.76 | 9 | 3,548.02 | 9 | 3,826.32 | 9 | 4,086.51 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 2,997.29 | 1/4 | 3,275.56 | 1/4 | 3,553.82 | 1/4 | 3,832.12 | 1/4 | 4,088.36 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,003.09 | 1/2 | 3,281.35 | 1/2 | 3,559.61 | 1/2 | 3,837.92 | 1/2 | 4,090.20 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,008.88 | 3/4 | 3,287.15 | 3/4 | 3,565.41 | 3/4 | 3,843.71 | 3/4 | 4,092.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,014.68 | 10 | 3,292.94 | 10 | 3,571.20 | 10 | 3,849.51 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,020.48 | 1/4 | 3,298.74 | 1/4 | 3,577.00 | 1/4 | 3,855.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,026.28 | 1/2 | 3,304.54 | 1/2 | 3,582.80 | 1/2 | 3,861.11 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,032.07 | 3/4 | 3,310.33 | 3/4 | 3,588.59 | 3/4 | 3,866.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,037.87 | 11 | 3,316.13 | 11 | 3,594.39 | 11 | 3,872.70 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,043.67 | 1/4 | 3,321.93 | 1/4 | 3,600.19 | 1/4 | 3,878.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,049.47 | 1/2 | 3,327.73 | 1/2 | 3,605.99 | 1/2 | 3,884.30 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,055.26 | 3/4 | 3,333.52 | 3/4 | 3,611.78 | 3/4 | 3,890.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 03/28/2007 ITS
DECK MEASUREMENTS: 04/20/2012 SW
REPRINTED: 04/20/20112 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 321T"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-02 5/8"

| 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 | 14.89 | 0 | 278.55 | 0 | 556.71 | 0 | 834.63 | 0 | 1,112.00 | 0 | 1,390.14 | 0 | 1,668.29 | 0 | 1,946.44 | 0 | 2,224.58 | 0 | 2,502.73 |
| 1/4 | 18.37 | 1/4 | 284.35 | 1/4 | 562.50 | 1/4 | 840.40 | 1/4 | 1,117.80 | 1/4 | 1,395.94 | 1/4 | 1,674.09 | 1/4 | 1,952.23 | 1/4 | 2,230.38 | 1/4 | 2,508.53 |
| 1/2 | 21.85 | 1/2 | 290.14 | 1/2 | 568.30 | 1/2 | 846.18 | 1/2 | 1,123.59 | 1/2 | 1,401.73 | 1/2 | 1,679.88 | 1/2 | 1,958.03 | 1/2 | 2,236.17 | 1/2 | 2,514.32 |
| 3/4 | 25.32 | 3/4 | 295.94 | 3/4 | 574.09 | 3/4 | 851.95 | 3/4 | 1,129.39 | 3/4 | 1,407.53 | 3/4 | 1,685.68 | 3/4 | 1,963.82 | 3/4 | 2,241.97 | 3/4 | 2,520.12 |
| 1 | 28.80 | 1 | 301.73 | 1 | 579.88 | 1 | 857.73 | 1 | 1,135.18 | 1 | 1,413.32 | 1 | 1,691.47 | 1 | 1,969.61 | 1 | 2,247.76 | 1 | 2,526.91 |
| 1/4 | 33.44 | 1/4 | 307.53 | 1/4 | 585.68 | 1/4 | 863.50 | 1/4 | 1,140.98 | 1/4 | 1,419.12 | 1/4 | 1,697.27 | 1/4 | 1,975.41 | 1/4 | 2,253.56 | 1/4 | 2,531.70 |
| 1/2 | 38.07 | 1/2 | 313.32 | 1/2 | 591.47 | 1/2 | 869.27 | 1/2 | 1,146.77 | 1/2 | 1,424.91 | 1/2 | 1,703.06 | 1/2 | 1,981.20 | 1/2 | 2,259.35 | 1/2 | 2,537.50 |
| 3/4 | 42.71 | 3/4 | 319.12 | 3/4 | 597.27 | 3/4 | 875.05 | 3/4 | 1,152.57 | 3/4 | 1,430.71 | 3/4 | 1,708.86 | 3/4 | 1,987.00 | 3/4 | 2,265.15 | 3/4 | 2,543.29 |
| 2 | 47.34 | 2 | 324.91 | 2 | 603.06 | 2 | 880.82 | 2 | 1,158.36 | 2 | 1,436.50 | 2 | 1,714.65 | 2 | 1,992.79 | 2 | 2,270.94 | 2 | 2,549.08 |
| 1/4 | 52.99 | 1/4 | 330.71 | 1/4 | 608.86 | 1/4 | 886.59 | 1/4 | 1,164.16 | 1/4 | 1,442.30 | 1/4 | 1,720.45 | 1/4 | 1,998.59 | 1/4 | 2,276.74 | 1/4 | 2,554.88 |
| 1/2 | 58.64 | 1/2 | 336.50 | 1/2 | 614.65 | 1/2 | 892.37 | 1/2 | 1,169.95 | 1/2 | 1,448.09 | 1/2 | 1,726.24 | 1/2 | 2,004.38 | 1/2 | 2,282.53 | 1/2 | 2,560.67 |
| 3/4 | 64.29 | 3/4 | 342.30 | 3/4 | 620.45 | 3/4 | 898.14 | 3/4 | 1,175.75 | 3/4 | 1,453.89 | 3/4 | 1,732.04 | 3/4 | 2,010.18 | 3/4 | 2,288.33 | 3/4 | 2,566.47 |
| 3 | 69.94 | 3 | 348.09 | 3 | 626.24 | 3 | 903.92 | 3 | 1,181.54 | 3 | 1,459.68 | 3 | 1,737.83 | 3 | 2,015.97 | 3 | 2,294.12 | 3 | 2,572.26 |
| 1/4 | 75.74 | 1/4 | 353.89 | 1/4 | 632.04 | 1/4 | 909.69 | 1/4 | 1,187.33 | 1/4 | 1,465.48 | 1/4 | 1,743.63 | 1/4 | 2,021.77 | 1/4 | 2,299.92 | 1/4 | 2,578.06 |
| 1/2 | 81.53 | 1/2 | 359.68 | 1/2 | 637.83 | 1/2 | 915.47 | 1/2 | 1,193.13 | 1/2 | 1,471.27 | 1/2 | 1,749.42 | 1/2 | 2,027.56 | 1/2 | 2,305.71 | 1/2 | 2,583.85 |
| 3/4 | 87.33 | 3/4 | 365.48 | 3/4 | 643.63 | 3/4 | 921.24 | 3/4 | 1,198.92 | 3/4 | 1,477.07 | 3/4 | 1,755.22 | 3/4 | 2,033.36 | 3/4 | 2,311.51 | 3/4 | 2,589.65 |
| 4 | 93.12 | 4 | 371.27 | 4 | 649.42 | 4 | 927.02 | 4 | 1,204.71 | 4 | 1,482.86 | 4 | 1,761.01 | 4 | 2,039.15 | 4 | 2,317.30 | 4 | 2,595.44 |
| 1/4 | 98.92 | 1/4 | 377.07 | 1/4 | 655.22 | 1/4 | 932.79 | 1/4 | 1,210.51 | 1/4 | 1,488.66 | 1/4 | 1,766.80 | 1/4 | 2,044.95 | 1/4 | 2,323.10 | 1/4 | 2,601.24 |
| 1/2 | 104.71 | 1/2 | 382.86 | 1/2 | 661.01 | 1/2 | 938.56 | 1/2 | 1,216.30 | 1/2 | 1,494.45 | 1/2 | 1,772.60 | 1/2 | 2,050.74 | 1/2 | 2,328.89 | 1/2 | 2,607.03 |
| 3/4 | 110.51 | 3/4 | 388.66 | 3/4 | 666.81 | 3/4 | 944.34 | 3/4 | 1,222.10 | 3/4 | 1,500.25 | 3/4 | 1,778.39 | 3/4 | 2,056.54 | 3/4 | 2,334.69 | 3/4 | 2,612.83 |
| 5 | 116.30 | 5 | 394.45 | 5 | 672.60 | 5 | 950.11 | 5 | 1,227.89 | 5 | 1,506.04 | 5 | 1,784.18 | 5 | 2,062.33 | 5 | 2,340.48 | 5 | 2,618.62 |
| 1/4 | 122.10 | 1/4 | 400.25 | 1/4 | 678.40 | 1/4 | 955.88 | 1/4 | 1,233.69 | 1/4 | 1,511.84 | 1/4 | 1,789.98 | 1/4 | 2,068.13 | 1/4 | 2,346.27 | 1/4 | 2,624.42 |
| 1/2 | 127.89 | 1/2 | 406.04 | 1/2 | 684.19 | 1/2 | 961.66 | 1/2 | 1,239.48 | 1/2 | 1,517.63 | 1/2 | 1,795.77 | 1/2 | 2,073.92 | 1/2 | 2,352.07 | 1/2 | 2,630.21 |
| 3/4 | 133.69 | 3/4 | 411.84 | 3/4 | 689.98 | 3/4 | 967.43 | 3/4 | 1,245.28 | 3/4 | 1,523.43 | 3/4 | 1,801.57 | 3/4 | 2,079.72 | 3/4 | 2,357.86 | 3/4 | 2,636.01 |
| 6 | 139.48 | 6 | 417.63 | 6 | 695.78 | 6 | 973.21 | 6 | 1,251.07 | 6 | 1,529.22 | 6 | 1,807.36 | 6 | 2,085.51 | 6 | 2,363.65 | 6 | 2,641.80 |
| 1/4 | 145.28 | 1/4 | 423.43 | 1/4 | 701.57 | 1/4 | 978.98 | 1/4 | 1,256.87 | 1/4 | 1,535.02 | 1/4 | 1,813.16 | 1/4 | 2,091.31 | 1/4 | 2,369.45 | 1/4 | 2,647.60 |
| 1/2 | 151.07 | 1/2 | 429.22 | 1/2 | 707.37 | 1/2 | 984.76 | 1/2 | 1,262.66 | 1/2 | 1,540.81 | 1/2 | 1,818.95 | 1/2 | 2,097.10 | 1/2 | 2,375.24 | 1/2 | 2,653.39 |
| 3/4 | 156.87 | 3/4 | 435.02 | 3/4 | 713.16 | 3/4 | 990.53 | 3/4 | 1,268.46 | 3/4 | 1,546.61 | 3/4 | 1,824.75 | 3/4 | 2,102.90 | 3/4 | 2,381.04 | 3/4 | 2,659.19 |
| 7 | 162.66 | 7 | 440.81 | 7 | 718.96 | 7 | 996.31 | 7 | 1,274.25 | 7 | 1,552.40 | 7 | 1,830.54 | 7 | 2,108.69 | 7 | 2,386.83 | 7 | 2,664.98 |
| 1/4 | 168.46 | 1/4 | 446.61 | 1/4 | 724.75 | 1/4 | 1,002.09 | 1/4 | 1,280.05 | 1/4 | 1,558.20 | 1/4 | 1,836.34 | 1/4 | 2,114.49 | 1/4 | 2,392.63 | 1/4 | 2,670.78 |
| 1/2 | 174.25 | 1/2 | 452.40 | 1/2 | 730.55 | 1/2 | 1,007.86 | 1/2 | 1,285.84 | 1/2 | 1,563.99 | 1/2 | 1,842.13 | 1/2 | 2,120.28 | 1/2 | 2,398.42 | 1/2 | 2,676.57 |
| 3/4 | 180.05 | 3/4 | 458.20 | 3/4 | 736.34 | 3/4 | 1,013.64 | 3/4 | 1,291.64 | 3/4 | 1,569.79 | 3/4 | 1,847.93 | 3/4 | 2,126.08 | 3/4 | 2,404.22 | 3/4 | 2,682.37 |
| 8 | 185.84 | 8 | 463.99 | 8 | 742.14 | 8 | 1,019.41 | 8 | 1,297.43 | 8 | 1,575.58 | 8 | 1,853.72 | 8 | 2,131.87 | 8 | 2,410.01 | 8 | 2,688.16 |
| 1/4 | 191.64 | 1/4 | 469.79 | 1/4 | 747.93 | 1/4 | 1,025.18 | 1/4 | 1,303.23 | 1/4 | 1,581.37 | 1/4 | 1,859.52 | 1/4 | 2,137.67 | 1/4 | 2,415.81 | 1/4 | 2,693.96 |
| 1/2 | 197.43 | 1/2 | 475.58 | 1/2 | 753.73 | 1/2 | 1,030.96 | 1/2 | 1,309.02 | 1/2 | 1,587.17 | 1/2 | 1,865.31 | 1/2 | 2,143.46 | 1/2 | 2,421.60 | 1/2 | 2,699.75 |
| 3/4 | 203.23 | 3/4 | 481.38 | 3/4 | 759.52 | 3/4 | 1,036.73 | 3/4 | 1,314.82 | 3/4 | 1,592.96 | 3/4 | 1,871.11 | 3/4 | 2,149.26 | 3/4 | 2,427.40 | 3/4 | 2,705.55 |
| 9 | 209.02 | 9 | 487.17 | 9 | 765.32 | 9 | 1,042.50 | 9 | 1,320.61 | 9 | 1,598.75 | 9 | 1,876.90 | 9 | 2,155.05 | 9 | 2,433.19 | 9 | 2,711.34 |
| 1/4 | 214.82 | 1/4 | 492.97 | 1/4 | 771.10 | 1/4 | 1,048.29 | 1/4 | 1,326.41 | 1/4 | 1,604.55 | 1/4 | 1,882.70 | 1/4 | 2,160.84 | 1/4 | 2,438.99 | 1/4 | 2,717.14 |
| 1/2 | 220.61 | 1/2 | 498.76 | 1/2 | 776.87 | 1/2 | 1,054.07 | 1/2 | 1,332.20 | 1/2 | 1,610.34 | 1/2 | 1,888.49 | 1/2 | 2,166.64 | 1/2 | 2,444.78 | 1/2 | 2,722.93 |
| 3/4 | 226.41 | 3/4 | 504.56 | 3/4 | 782.65 | 3/4 | 1,059.86 | 3/4 | 1,338.00 | 3/4 | 1,616.14 | 3/4 | 1,894.29 | 3/4 | 2,172.43 | 3/4 | 2,450.58 | 3/4 | 2,728.73 |
| 10 | 232.20 | 10 | 510.35 | 10 | 788.43 | 10 | 1,065.64 | 10 | 1,343.79 | 10 | 1,621.93 | 10 | 1,900.08 | 10 | 2,178.22 | 10 | 2,456.37 | 10 | 2,734.52 |
| 1/4 | 238.00 | 1/4 | 516.15 | 1/4 | 794.20 | 1/4 | 1,071.44 | 1/4 | 1,349.59 | 1/4 | 1,627.73 | 1/4 | 1,905.88 | 1/4 | 2,184.02 | 1/4 | 2,462.17 | 1/4 | 2,740.31 |
| 1/2 | 243.79 | 1/2 | 521.94 | 1/2 | 799.98 | 1/2 | 1,077.23 | 1/2 | 1,355.38 | 1/2 | 1,633.52 | 1/2 | 1,911.67 | 1/2 | 2,189.81 | 1/2 | 2,467.96 | 1/2 | 2,746.11 |
| 3/4 | 249.59 | 3/4 | 527.74 | 3/4 | 805.75 | 3/4 | 1,083.03 | 3/4 | 1,361.18 | 3/4 | 1,639.32 | 3/4 | 1,917.47 | 3/4 | 2,195.61 | 3/4 | 2,473.76 | 3/4 | 2,751.90 |
| 11 | 255.38 | 11 | 533.53 | 11 | 811.53 | 11 | 1,088.82 | 11 | 1,366.97 | 11 | 1,645.11 | 11 | 1,923.26 | 11 | 2,201.40 | 11 | 2,479.55 | 11 | 2,757.69 |
| 1/4 | 261.17 | 1/4 | 539.33 | 1/4 | 817.30 | 1/4 | 1,094.62 | 1/4 | 1,372.76 | 1/4 | 1,650.91 | 1/4 | 1,929.06 | 1/4 | 2,207.20 | 1/4 | 2,485.35 | 1/4 | 2,763.49 |
| 1/2 | 266.97 | 1/2 | 545.12 | 1/2 | 823.08 | 1/2 | 1,100.41 | 1/2 | 1,378.56 | 1/2 | 1,656.70 | 1/2 | 1,934.85 | 1/2 | 2,212.99 | 1/2 | 2,491.14 | 1/2 | 2,769.28 |
| 3/4 | 272.76 | 3/4 | 550.92 | 3/4 | 828.85 | 3/4 | 1,106.21 | 3/4 | 1,384.35 | 3/4 | 1,662.50 | 3/4 | 1,940.65 | 3/4 | 2,218.79 | 3/4 | 2,496.94 | 3/4 | 2,775.08 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

COMPARTMENT BOTTOM SLOPES 6" FROM TANK SIDE TO CENTERLINE BULKHEAD.

CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.

GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77568
<http://www.pmacorp.net>



BARGE "WEB 321T"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-02 5/8"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,780.87 | 0 | 3,059.02 | 0 | 3,337.16 | 0 | 3,615.31 | 0 | 3,893.51 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,786.67 | 1/4 | 3,064.82 | 1/4 | 3,342.96 | 1/4 | 3,621.11 | 1/4 | 3,899.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,792.46 | 1/2 | 3,070.61 | 1/2 | 3,348.75 | 1/2 | 3,626.91 | 1/2 | 3,905.10 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,798.26 | 3/4 | 3,076.41 | 3/4 | 3,354.55 | 3/4 | 3,632.70 | 3/4 | 3,910.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2,804.05 | 1 | 3,082.20 | 1 | 3,360.34 | 1 | 3,638.50 | 1 | 3,916.69 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 2,809.85 | 1/4 | 3,088.00 | 1/4 | 3,366.14 | 1/4 | 3,644.30 | 1/4 | 3,922.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,815.64 | 1/2 | 3,093.79 | 1/2 | 3,371.93 | 1/2 | 3,650.09 | 1/2 | 3,928.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,821.44 | 3/4 | 3,099.59 | 3/4 | 3,377.73 | 3/4 | 3,655.89 | 3/4 | 3,934.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 2,827.23 | 2 | 3,105.38 | 2 | 3,383.52 | 2 | 3,661.68 | 2 | 3,939.87 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 2,833.03 | 1/4 | 3,111.17 | 1/4 | 3,389.32 | 1/4 | 3,667.48 | 1/4 | 3,945.67 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,838.82 | 1/2 | 3,116.97 | 1/2 | 3,395.11 | 1/2 | 3,673.27 | 1/2 | 3,951.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,844.62 | 3/4 | 3,122.76 | 3/4 | 3,400.91 | 3/4 | 3,679.07 | 3/4 | 3,957.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 2,850.41 | 3 | 3,128.55 | 3 | 3,406.70 | 3 | 3,684.86 | 3 | 3,963.05 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 2,856.21 | 1/4 | 3,134.35 | 1/4 | 3,412.50 | 1/4 | 3,690.66 | 1/4 | 3,968.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,862.00 | 1/2 | 3,140.14 | 1/2 | 3,418.29 | 1/2 | 3,696.45 | 1/2 | 3,974.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,867.80 | 3/4 | 3,145.94 | 3/4 | 3,424.09 | 3/4 | 3,702.25 | 3/4 | 3,980.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 2,873.59 | 4 | 3,151.73 | 4 | 3,429.88 | 4 | 3,708.04 | 4 | 3,986.24 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 2,879.39 | 1/4 | 3,157.53 | 1/4 | 3,435.68 | 1/4 | 3,713.84 | 1/4 | 3,992.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,885.18 | 1/2 | 3,163.32 | 1/2 | 3,441.47 | 1/2 | 3,719.64 | 1/2 | 3,997.83 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,890.98 | 3/4 | 3,169.12 | 3/4 | 3,447.27 | 3/4 | 3,725.43 | 3/4 | 4,003.63 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 2,896.77 | 5 | 3,174.91 | 5 | 3,453.06 | 5 | 3,731.23 | 5 | 4,009.42 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 2,902.57 | 1/4 | 3,180.71 | 1/4 | 3,458.86 | 1/4 | 3,737.03 | 1/4 | 4,015.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,908.36 | 1/2 | 3,186.50 | 1/2 | 3,464.65 | 1/2 | 3,742.82 | 1/2 | 4,021.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,914.16 | 3/4 | 3,192.30 | 3/4 | 3,470.45 | 3/4 | 3,748.62 | 3/4 | 4,026.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 2,919.95 | 6 | 3,198.09 | 6 | 3,476.24 | 6 | 3,754.41 | 6 | 4,032.60 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 2,925.74 | 1/4 | 3,203.89 | 1/4 | 3,482.04 | 1/4 | 3,760.21 | 1/4 | 4,038.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,931.54 | 1/2 | 3,209.68 | 1/2 | 3,487.83 | 1/2 | 3,766.00 | 1/2 | 4,044.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,937.33 | 3/4 | 3,215.48 | 3/4 | 3,493.63 | 3/4 | 3,771.80 | 3/4 | 4,049.74 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,943.12 | 7 | 3,221.27 | 7 | 3,499.42 | 7 | 3,777.59 | 7 | 4,055.45 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 2,948.92 | 1/4 | 3,227.07 | 1/4 | 3,505.21 | 1/4 | 3,783.39 | 1/4 | 4,060.05 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,954.71 | 1/2 | 3,232.86 | 1/2 | 3,511.01 | 1/2 | 3,789.18 | 1/2 | 4,064.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,960.51 | 3/4 | 3,238.66 | 3/4 | 3,516.80 | 3/4 | 3,794.98 | 3/4 | 4,069.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,966.30 | 8 | 3,244.45 | 8 | 3,522.59 | 8 | 3,800.77 | 8 | 4,073.86 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 2,972.10 | 1/4 | 3,250.25 | 1/4 | 3,528.39 | 1/4 | 3,806.57 | 1/4 | 4,077.10 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,977.89 | 1/2 | 3,256.04 | 1/2 | 3,534.18 | 1/2 | 3,812.37 | 1/2 | 4,080.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,983.69 | 3/4 | 3,261.84 | 3/4 | 3,539.98 | 3/4 | 3,818.16 | 3/4 | 4,083.57 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,989.48 | 9 | 3,267.63 | 9 | 3,545.77 | 9 | 3,823.96 | 9 | 4,086.81 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 2,995.28 | 1/4 | 3,273.43 | 1/4 | 3,551.57 | 1/4 | 3,829.76 | 1/4 | 4,088.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,001.07 | 1/2 | 3,279.22 | 1/2 | 3,557.36 | 1/2 | 3,835.55 | 1/2 | 4,090.90 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,006.87 | 3/4 | 3,285.02 | 3/4 | 3,563.16 | 3/4 | 3,841.35 | 3/4 | 4,092.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,012.66 | 10 | 3,290.81 | 10 | 3,568.95 | 10 | 3,847.14 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,018.46 | 1/4 | 3,296.61 | 1/4 | 3,574.75 | 1/4 | 3,852.94 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,024.25 | 1/2 | 3,302.40 | 1/2 | 3,580.54 | 1/2 | 3,858.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,030.05 | 3/4 | 3,308.20 | 3/4 | 3,586.34 | 3/4 | 3,864.53 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,035.84 | 11 | 3,313.99 | 11 | 3,592.13 | 11 | 3,870.32 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,041.64 | 1/4 | 3,319.78 | 1/4 | 3,597.93 | 1/4 | 3,876.12 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,047.43 | 1/2 | 3,325.58 | 1/2 | 3,603.72 | 1/2 | 3,881.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,053.23 | 3/4 | 3,331.37 | 3/4 | 3,609.52 | 3/4 | 3,887.71 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/29/2007 ITS
DECK MEASUREMENTS: 04/20/2012 SW
REPRINTED: 04/20/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE "WEB 321T"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-02 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 | 14.90 | 0 | 278.67 | 0 | 556.94 | 0 | 834.97 | 0 | 1,112.46 | 0 | 1,390.72 | 0 | 1,668.98 | 0 | 1,947.24 | 0 | 2,225.50 | 0 | 2,503.76 |
| 1/4 | 18.38 | 1/4 | 284.47 | 1/4 | 562.74 | 1/4 | 840.75 | 1/4 | 1,118.26 | 1/4 | 1,396.52 | 1/4 | 1,674.78 | 1/4 | 1,953.04 | 1/4 | 2,231.30 | 1/4 | 2,509.56 |
| 1/2 | 21.86 | 1/2 | 290.27 | 1/2 | 568.53 | 1/2 | 846.53 | 1/2 | 1,124.06 | 1/2 | 1,402.32 | 1/2 | 1,680.57 | 1/2 | 1,958.83 | 1/2 | 2,237.09 | 1/2 | 2,515.36 |
| 3/4 | 25.33 | 3/4 | 296.06 | 3/4 | 574.33 | 3/4 | 852.30 | 3/4 | 1,129.85 | 3/4 | 1,408.11 | 3/4 | 1,686.37 | 3/4 | 1,964.63 | 3/4 | 2,242.89 | 3/4 | 2,521.15 |
| 1 | 28.81 | 1 | 301.86 | 1 | 580.12 | 1 | 858.08 | 1 | 1,135.65 | 1 | 1,413.91 | 1 | 1,692.17 | 1 | 1,970.43 | 1 | 2,248.69 | 1 | 2,526.95 |
| 1/4 | 33.45 | 1/4 | 307.66 | 1/4 | 585.92 | 1/4 | 863.86 | 1/4 | 1,141.45 | 1/4 | 1,419.71 | 1/4 | 1,697.97 | 1/4 | 1,976.23 | 1/4 | 2,254.49 | 1/4 | 2,532.75 |
| 1/2 | 38.09 | 1/2 | 313.46 | 1/2 | 591.72 | 1/2 | 869.64 | 1/2 | 1,147.25 | 1/2 | 1,425.51 | 1/2 | 1,703.76 | 1/2 | 1,982.02 | 1/2 | 2,260.28 | 1/2 | 2,538.55 |
| 3/4 | 42.72 | 3/4 | 319.25 | 3/4 | 597.51 | 3/4 | 875.41 | 3/4 | 1,153.04 | 3/4 | 1,431.30 | 3/4 | 1,709.56 | 3/4 | 1,987.82 | 3/4 | 2,266.08 | 3/4 | 2,544.34 |
| 2 | 47.36 | 2 | 325.05 | 2 | 603.31 | 2 | 881.19 | 2 | 1,158.84 | 2 | 1,437.10 | 2 | 1,715.36 | 2 | 1,993.62 | 2 | 2,271.88 | 2 | 2,550.14 |
| 1/4 | 53.01 | 1/4 | 330.85 | 1/4 | 609.11 | 1/4 | 886.97 | 1/4 | 1,164.64 | 1/4 | 1,442.90 | 1/4 | 1,721.16 | 1/4 | 1,999.42 | 1/4 | 2,277.68 | 1/4 | 2,555.94 |
| 1/2 | 58.67 | 1/2 | 336.65 | 1/2 | 614.91 | 1/2 | 892.74 | 1/2 | 1,170.43 | 1/2 | 1,448.70 | 1/2 | 1,726.95 | 1/2 | 2,005.21 | 1/2 | 2,283.47 | 1/2 | 2,561.74 |
| 3/4 | 64.32 | 3/4 | 342.44 | 3/4 | 620.70 | 3/4 | 898.52 | 3/4 | 1,176.23 | 3/4 | 1,454.49 | 3/4 | 1,732.75 | 3/4 | 2,011.01 | 3/4 | 2,289.27 | 3/4 | 2,567.53 |
| 3 | 69.97 | 3 | 348.24 | 3 | 626.50 | 3 | 904.29 | 3 | 1,182.02 | 3 | 1,460.29 | 3 | 1,738.55 | 3 | 2,016.81 | 3 | 2,295.07 | 3 | 2,573.33 |
| 1/4 | 75.77 | 1/4 | 354.04 | 1/4 | 632.30 | 1/4 | 910.07 | 1/4 | 1,187.82 | 1/4 | 1,466.09 | 1/4 | 1,744.34 | 1/4 | 2,022.61 | 1/4 | 2,300.87 | 1/4 | 2,579.13 |
| 1/2 | 81.57 | 1/2 | 359.83 | 1/2 | 638.10 | 1/2 | 915.85 | 1/2 | 1,193.62 | 1/2 | 1,471.88 | 1/2 | 1,750.14 | 1/2 | 2,028.40 | 1/2 | 2,306.66 | 1/2 | 2,584.93 |
| 3/4 | 87.36 | 3/4 | 365.63 | 3/4 | 643.89 | 3/4 | 921.62 | 3/4 | 1,199.41 | 3/4 | 1,477.68 | 3/4 | 1,755.93 | 3/4 | 2,034.20 | 3/4 | 2,312.46 | 3/4 | 2,590.72 |
| 4 | 93.16 | 4 | 371.42 | 4 | 649.69 | 4 | 927.40 | 4 | 1,205.21 | 4 | 1,483.47 | 4 | 1,761.73 | 4 | 2,040.00 | 4 | 2,318.26 | 4 | 2,596.52 |
| 1/4 | 98.96 | 1/4 | 377.22 | 1/4 | 655.49 | 1/4 | 933.18 | 1/4 | 1,211.01 | 1/4 | 1,489.27 | 1/4 | 1,767.53 | 1/4 | 2,045.79 | 1/4 | 2,324.05 | 1/4 | 2,602.32 |
| 1/2 | 104.76 | 1/2 | 383.02 | 1/2 | 661.29 | 1/2 | 938.96 | 1/2 | 1,216.81 | 1/2 | 1,495.07 | 1/2 | 1,773.32 | 1/2 | 2,051.59 | 1/2 | 2,329.85 | 1/2 | 2,608.12 |
| 3/4 | 110.55 | 3/4 | 388.81 | 3/4 | 667.08 | 3/4 | 944.73 | 3/4 | 1,222.60 | 3/4 | 1,500.86 | 3/4 | 1,779.12 | 3/4 | 2,057.38 | 3/4 | 2,335.65 | 3/4 | 2,613.91 |
| 5 | 116.35 | 5 | 394.61 | 5 | 672.88 | 5 | 950.51 | 5 | 1,228.40 | 5 | 1,506.66 | 5 | 1,784.92 | 5 | 2,063.18 | 5 | 2,341.44 | 5 | 2,619.71 |
| 1/4 | 122.15 | 1/4 | 400.41 | 1/4 | 678.68 | 1/4 | 956.29 | 1/4 | 1,234.20 | 1/4 | 1,512.46 | 1/4 | 1,790.72 | 1/4 | 2,068.98 | 1/4 | 2,347.24 | 1/4 | 2,625.51 |
| 1/2 | 127.95 | 1/2 | 406.21 | 1/2 | 684.48 | 1/2 | 962.06 | 1/2 | 1,240.00 | 1/2 | 1,518.26 | 1/2 | 1,796.51 | 1/2 | 2,074.77 | 1/2 | 2,353.04 | 1/2 | 2,631.30 |
| 3/4 | 133.74 | 3/4 | 412.00 | 3/4 | 690.27 | 3/4 | 967.84 | 3/4 | 1,245.79 | 3/4 | 1,524.05 | 3/4 | 1,802.31 | 3/4 | 2,080.67 | 3/4 | 2,358.83 | 3/4 | 2,637.10 |
| 6 | 139.54 | 6 | 417.80 | 6 | 696.07 | 6 | 973.61 | 6 | 1,251.59 | 6 | 1,529.85 | 6 | 1,808.11 | 6 | 2,086.37 | 6 | 2,364.63 | 6 | 2,642.89 |
| 1/4 | 145.34 | 1/4 | 423.60 | 1/4 | 701.87 | 1/4 | 979.39 | 1/4 | 1,257.39 | 1/4 | 1,535.65 | 1/4 | 1,813.91 | 1/4 | 2,092.17 | 1/4 | 2,370.43 | 1/4 | 2,648.69 |
| 1/2 | 151.14 | 1/2 | 429.40 | 1/2 | 707.67 | 1/2 | 985.17 | 1/2 | 1,263.19 | 1/2 | 1,541.45 | 1/2 | 1,819.70 | 1/2 | 2,097.96 | 1/2 | 2,376.23 | 1/2 | 2,654.49 |
| 3/4 | 156.93 | 3/4 | 435.19 | 3/4 | 713.46 | 3/4 | 990.94 | 3/4 | 1,268.98 | 3/4 | 1,547.24 | 3/4 | 1,825.50 | 3/4 | 2,103.76 | 3/4 | 2,382.02 | 3/4 | 2,660.28 |
| 7 | 162.73 | 7 | 440.99 | 7 | 719.26 | 7 | 996.72 | 7 | 1,274.78 | 7 | 1,553.04 | 7 | 1,831.30 | 7 | 2,109.56 | 7 | 2,387.82 | 7 | 2,666.08 |
| 1/4 | 168.53 | 1/4 | 446.79 | 1/4 | 725.06 | 1/4 | 1,002.50 | 1/4 | 1,280.58 | 1/4 | 1,558.84 | 1/4 | 1,837.10 | 1/4 | 2,115.36 | 1/4 | 2,393.62 | 1/4 | 2,671.88 |
| 1/2 | 174.32 | 1/2 | 452.59 | 1/2 | 730.85 | 1/2 | 1,008.28 | 1/2 | 1,286.38 | 1/2 | 1,564.64 | 1/2 | 1,842.89 | 1/2 | 2,121.15 | 1/2 | 2,399.42 | 1/2 | 2,677.68 |
| 3/4 | 180.12 | 3/4 | 458.38 | 3/4 | 736.65 | 3/4 | 1,014.05 | 3/4 | 1,292.17 | 3/4 | 1,570.43 | 3/4 | 1,848.69 | 3/4 | 2,126.95 | 3/4 | 2,405.21 | 3/4 | 2,683.47 |
| 8 | 185.91 | 8 | 464.18 | 8 | 742.44 | 8 | 1,019.83 | 8 | 1,297.97 | 8 | 1,576.23 | 8 | 1,854.49 | 8 | 2,132.75 | 8 | 2,411.01 | 8 | 2,689.27 |
| 1/4 | 191.71 | 1/4 | 469.98 | 1/4 | 748.24 | 1/4 | 1,025.61 | 1/4 | 1,303.77 | 1/4 | 1,582.03 | 1/4 | 1,860.29 | 1/4 | 2,138.55 | 1/4 | 2,416.81 | 1/4 | 2,695.07 |
| 1/2 | 197.51 | 1/2 | 475.78 | 1/2 | 754.04 | 1/2 | 1,031.39 | 1/2 | 1,309.57 | 1/2 | 1,587.82 | 1/2 | 1,866.08 | 1/2 | 2,144.34 | 1/2 | 2,422.61 | 1/2 | 2,700.87 |
| 3/4 | 203.30 | 3/4 | 481.57 | 3/4 | 759.83 | 3/4 | 1,037.16 | 3/4 | 1,316.36 | 3/4 | 1,593.62 | 3/4 | 1,871.88 | 3/4 | 2,150.14 | 3/4 | 2,428.40 | 3/4 | 2,706.66 |
| 9 | 209.10 | 9 | 487.37 | 9 | 765.63 | 9 | 1,042.94 | 9 | 1,321.16 | 9 | 1,599.42 | 9 | 1,877.68 | 9 | 2,155.94 | 9 | 2,434.20 | 9 | 2,712.46 |
| 1/4 | 214.90 | 1/4 | 493.17 | 1/4 | 771.41 | 1/4 | 1,048.73 | 1/4 | 1,328.96 | 1/4 | 1,605.21 | 1/4 | 1,883.48 | 1/4 | 2,161.74 | 1/4 | 2,440.00 | 1/4 | 2,718.26 |
| 1/2 | 220.70 | 1/2 | 498.97 | 1/2 | 777.20 | 1/2 | 1,054.51 | 1/2 | 1,332.75 | 1/2 | 1,611.01 | 1/2 | 1,889.27 | 1/2 | 2,167.53 | 1/2 | 2,445.80 | 1/2 | 2,724.06 |
| 3/4 | 226.49 | 3/4 | 504.76 | 3/4 | 782.98 | 3/4 | 1,060.30 | 3/4 | 1,338.55 | 3/4 | 1,616.80 | 3/4 | 1,895.07 | 3/4 | 2,173.33 | 3/4 | 2,451.59 | 3/4 | 2,729.85 |
| 10 | 232.29 | 10 | 510.56 | 10 | 788.76 | 10 | 1,066.08 | 10 | 1,344.34 | 10 | 1,622.60 | 10 | 1,900.87 | 10 | 2,179.13 | 10 | 2,457.39 | 10 | 2,735.65 |
| 1/4 | 238.09 | 1/4 | 516.36 | 1/4 | 794.54 | 1/4 | 1,071.88 | 1/4 | 1,350.14 | 1/4 | 1,628.40 | 1/4 | 1,906.66 | 1/4 | 2,184.92 | 1/4 | 2,463.19 | 1/4 | 2,741.45 |
| 1/2 | 243.89 | 1/2 | 522.16 | 1/2 | 800.32 | 1/2 | 1,077.68 | 1/2 | 1,355.94 | 1/2 | 1,634.19 | 1/2 | 1,912.46 | 1/2 | 2,190.72 | 1/2 | 2,468.99 | 1/2 | 2,747.25 |
| 3/4 | 249.68 | 3/4 | 527.95 | 3/4 | 806.09 | 3/4 | 1,083.47 | 3/4 | 1,361.73 | 3/4 | 1,639.99 | 3/4 | 1,918.25 | 3/4 | 2,196.51 | 3/4 | 2,474.78 | 3/4 | 2,753.04 |
| 11 | 255.48 | 11 | 533.75 | 11 | 811.87 | 11 | 1,089.27 | 11 | 1,367.53 | 11 | 1,645.79 | 11 | 1,924.05 | 11 | 2,202.31 | 11 | 2,480.58 | 11 | 2,758.84 |
| 1/4 | 261.28 | 1/4 | 539.55 | 1/4 | 817.65 | 1/4 | 1,095.07 | 1/4 | 1,373.33 | 1/4 | 1,651.59 | 1/4 | 1,929.85 | 1/4 | 2,208.11 | 1/4 | 2,486.38 | 1/4 | 2,764.64 |
| 1/2 | 267.08 | 1/2 | 545.35 | 1/2 | 823.42 | 1/2 | 1,100.87 | 1/2 | 1,379.13 | 1/2 | 1,657.38 | 1/2 | 1,935.64 | 1/2 | 2,213.90 | 1/2 | 2,492.17 | 1/2 | 2,770.43 |
| 3/4 | 272.87 | 3/4 | 551.14 | 3/4 | 829.20 | 3/4 | 1,106.66 | 3/4 | 1,384.92 | 3/4 | 1,663.18 | 3/4 | 1,941.44 | 3/4 | 2,219.70 | 3/4 | 2,497.97 | 3/4 | 2,776.23 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
COMPARTMENT BOTTOM SLOPES 5" FROM TANK SIDE TO CENTERLINE BULKHEAD.
CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.
GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE "WEB 321T"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-02 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,782.02 | 0 | 3,060.29 | 0 | 3,338.55 | 0 | 3,616.81 | 0 | 3,895.11 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,787.82 | 1/4 | 3,066.09 | 1/4 | 3,344.35 | 1/4 | 3,622.61 | 1/4 | 3,900.91 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,793.62 | 1/2 | 3,071.88 | 1/2 | 3,350.14 | 1/2 | 3,628.41 | 1/2 | 3,906.71 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,799.41 | 3/4 | 3,077.68 | 3/4 | 3,355.94 | 3/4 | 3,634.20 | 3/4 | 3,912.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2,805.21 | 1 | 3,083.47 | 1 | 3,361.73 | 1 | 3,640.00 | 1 | 3,918.31 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 2,811.01 | 1/4 | 3,089.27 | 1/4 | 3,367.53 | 1/4 | 3,645.80 | 1/4 | 3,924.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,816.81 | 1/2 | 3,095.07 | 1/2 | 3,373.33 | 1/2 | 3,651.60 | 1/2 | 3,929.91 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,822.60 | 3/4 | 3,100.86 | 3/4 | 3,379.12 | 3/4 | 3,657.39 | 3/4 | 3,935.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 2,828.40 | 2 | 3,106.66 | 2 | 3,384.92 | 2 | 3,663.19 | 2 | 3,941.50 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 2,834.20 | 1/4 | 3,112.46 | 1/4 | 3,390.72 | 1/4 | 3,668.99 | 1/4 | 3,947.30 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,840.00 | 1/2 | 3,118.26 | 1/2 | 3,396.52 | 1/2 | 3,674.79 | 1/2 | 3,953.10 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,845.79 | 3/4 | 3,124.05 | 3/4 | 3,402.31 | 3/4 | 3,680.59 | 3/4 | 3,958.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 2,851.59 | 3 | 3,129.85 | 3 | 3,408.11 | 3 | 3,686.39 | 3 | 3,964.69 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 2,857.39 | 1/4 | 3,135.65 | 1/4 | 3,413.91 | 1/4 | 3,692.19 | 1/4 | 3,970.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,863.19 | 1/2 | 3,141.45 | 1/2 | 3,419.71 | 1/2 | 3,697.99 | 1/2 | 3,976.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,868.98 | 3/4 | 3,147.24 | 3/4 | 3,425.50 | 3/4 | 3,703.78 | 3/4 | 3,982.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 2,874.78 | 4 | 3,153.04 | 4 | 3,431.30 | 4 | 3,709.58 | 4 | 3,987.88 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 2,880.58 | 1/4 | 3,158.84 | 1/4 | 3,437.10 | 1/4 | 3,715.38 | 1/4 | 3,993.68 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,886.38 | 1/2 | 3,164.64 | 1/2 | 3,442.90 | 1/2 | 3,721.18 | 1/2 | 3,999.48 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,892.17 | 3/4 | 3,170.43 | 3/4 | 3,448.69 | 3/4 | 3,726.97 | 3/4 | 4,005.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 2,897.97 | 5 | 3,176.23 | 5 | 3,454.49 | 5 | 3,732.77 | 5 | 4,011.07 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 2,903.77 | 1/4 | 3,182.03 | 1/4 | 3,460.29 | 1/4 | 3,738.57 | 1/4 | 4,016.87 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,909.56 | 1/2 | 3,187.83 | 1/2 | 3,466.09 | 1/2 | 3,744.37 | 1/2 | 4,022.67 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,915.36 | 3/4 | 3,193.62 | 3/4 | 3,471.88 | 3/4 | 3,750.16 | 3/4 | 4,028.47 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 2,921.15 | 6 | 3,199.42 | 6 | 3,477.68 | 6 | 3,755.96 | 6 | 4,034.27 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 2,926.95 | 1/4 | 3,205.22 | 1/4 | 3,483.48 | 1/4 | 3,761.76 | 1/4 | 4,039.34 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,932.75 | 1/2 | 3,211.01 | 1/2 | 3,489.27 | 1/2 | 3,767.56 | 1/2 | 4,044.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,938.54 | 3/4 | 3,216.81 | 3/4 | 3,495.07 | 3/4 | 3,773.35 | 3/4 | 4,049.49 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,944.34 | 7 | 3,222.60 | 7 | 3,500.86 | 7 | 3,779.15 | 7 | 4,054.56 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 2,950.14 | 1/4 | 3,228.40 | 1/4 | 3,506.66 | 1/4 | 3,784.95 | 1/4 | 4,058.48 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,955.94 | 1/2 | 3,234.20 | 1/2 | 3,512.46 | 1/2 | 3,790.75 | 1/2 | 4,062.39 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,961.73 | 3/4 | 3,239.99 | 3/4 | 3,518.25 | 3/4 | 3,796.55 | 3/4 | 4,066.31 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,967.53 | 8 | 3,245.79 | 8 | 3,524.05 | 8 | 3,802.35 | 8 | 4,070.22 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 2,973.33 | 1/4 | 3,251.59 | 1/4 | 3,529.85 | 1/4 | 3,808.15 | 1/4 | 4,072.97 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,979.13 | 1/2 | 3,257.39 | 1/2 | 3,535.65 | 1/2 | 3,813.95 | 1/2 | 4,075.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,984.92 | 3/4 | 3,263.18 | 3/4 | 3,541.44 | 3/4 | 3,819.74 | 3/4 | 4,078.48 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,990.72 | 9 | 3,268.98 | 9 | 3,547.24 | 9 | 3,825.54 | 9 | 4,081.23 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 2,996.52 | 1/4 | 3,274.78 | 1/4 | 3,553.04 | 1/4 | 3,831.34 | 1/4 | 4,082.83 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,002.32 | 1/2 | 3,280.58 | 1/2 | 3,558.84 | 1/2 | 3,837.14 | 1/2 | 4,084.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,008.11 | 3/4 | 3,286.37 | 3/4 | 3,564.63 | 3/4 | 3,842.93 | 3/4 | 4,086.02 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,013.91 | 10 | 3,292.17 | 10 | 3,570.43 | 10 | 3,848.73 | 10 | 4,087.61 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,019.71 | 1/4 | 3,297.97 | 1/4 | 3,576.23 | 1/4 | 3,854.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,025.51 | 1/2 | 3,303.77 | 1/2 | 3,582.03 | 1/2 | 3,860.33 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,031.30 | 3/4 | 3,309.56 | 3/4 | 3,587.82 | 3/4 | 3,866.12 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,037.10 | 11 | 3,315.36 | 11 | 3,593.62 | 11 | 3,871.92 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,042.90 | 1/4 | 3,321.16 | 1/4 | 3,599.42 | 1/4 | 3,877.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,048.70 | 1/2 | 3,326.96 | 1/2 | 3,605.22 | 1/2 | 3,883.52 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,054.49 | 3/4 | 3,332.75 | 3/4 | 3,611.01 | 3/4 | 3,889.31 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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REPRINTED: 04/20/2012 SW

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BARGE "WEB 321T"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-02 3/4"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 14.87 | 0 | 278.12 | 0 | 555.84 | 0 | 833.45 | 0 | 1,110.82 | 0 | 1,388.53 | 0 | 1,666.24 | 0 | 1,943.96 | 0 | 2,221.67 | 0 | 2,499.38 |
| 1/4 | 18.34 | 1/4 | 283.91 | 1/4 | 561.63 | 1/4 | 839.23 | 1/4 | 1,116.61 | 1/4 | 1,394.32 | 1/4 | 1,672.03 | 1/4 | 1,949.75 | 1/4 | 2,227.46 | 1/4 | 2,505.17 |
| 1/2 | 21.82 | 1/2 | 289.70 | 1/2 | 567.41 | 1/2 | 845.01 | 1/2 | 1,122.39 | 1/2 | 1,400.10 | 1/2 | 1,677.81 | 1/2 | 1,955.53 | 1/2 | 2,233.24 | 1/2 | 2,510.96 |
| 3/4 | 25.29 | 3/4 | 295.48 | 3/4 | 573.20 | 3/4 | 850.78 | 3/4 | 1,128.18 | 3/4 | 1,405.89 | 3/4 | 1,683.60 | 3/4 | 1,961.32 | 3/4 | 2,239.03 | 3/4 | 2,516.74 |
| 1 | 28.76 | 1 | 301.27 | 1 | 578.98 | 1 | 856.56 | 1 | 1,133.96 | 1 | 1,411.67 | 1 | 1,689.38 | 1 | 1,967.10 | 1 | 2,244.81 | 1 | 2,522.53 |
| 1/4 | 33.39 | 1/4 | 307.06 | 1/4 | 584.77 | 1/4 | 862.34 | 1/4 | 1,139.75 | 1/4 | 1,417.46 | 1/4 | 1,695.17 | 1/4 | 1,972.89 | 1/4 | 2,250.60 | 1/4 | 2,528.32 |
| 1/2 | 38.02 | 1/2 | 312.84 | 1/2 | 590.56 | 1/2 | 868.12 | 1/2 | 1,145.53 | 1/2 | 1,423.24 | 1/2 | 1,700.96 | 1/2 | 1,978.67 | 1/2 | 2,256.38 | 1/2 | 2,534.10 |
| 3/4 | 42.64 | 3/4 | 318.63 | 3/4 | 596.34 | 3/4 | 873.89 | 3/4 | 1,151.32 | 3/4 | 1,429.03 | 3/4 | 1,706.74 | 3/4 | 1,984.46 | 3/4 | 2,262.17 | 3/4 | 2,539.88 |
| 2 | 47.27 | 2 | 324.41 | 2 | 602.13 | 2 | 879.67 | 2 | 1,157.10 | 2 | 1,434.81 | 2 | 1,712.53 | 2 | 1,990.24 | 2 | 2,267.95 | 2 | 2,545.67 |
| 1/4 | 52.91 | 1/4 | 330.20 | 1/4 | 607.92 | 1/4 | 885.45 | 1/4 | 1,162.89 | 1/4 | 1,440.60 | 1/4 | 1,718.32 | 1/4 | 1,996.03 | 1/4 | 2,273.74 | 1/4 | 2,551.45 |
| 1/2 | 58.55 | 1/2 | 335.98 | 1/2 | 613.70 | 1/2 | 891.22 | 1/2 | 1,168.67 | 1/2 | 1,446.39 | 1/2 | 1,724.10 | 1/2 | 2,001.81 | 1/2 | 2,279.53 | 1/2 | 2,557.24 |
| 3/4 | 64.19 | 3/4 | 341.77 | 3/4 | 619.49 | 3/4 | 897.00 | 3/4 | 1,174.46 | 3/4 | 1,452.17 | 3/4 | 1,729.89 | 3/4 | 2,007.60 | 3/4 | 2,285.31 | 3/4 | 2,563.02 |
| 3 | 69.83 | 3 | 347.55 | 3 | 625.27 | 3 | 902.77 | 3 | 1,180.24 | 3 | 1,457.96 | 3 | 1,735.67 | 3 | 2,013.38 | 3 | 2,291.10 | 3 | 2,568.81 |
| 1/4 | 75.62 | 1/4 | 353.34 | 1/4 | 631.06 | 1/4 | 908.55 | 1/4 | 1,186.03 | 1/4 | 1,463.75 | 1/4 | 1,741.46 | 1/4 | 2,019.17 | 1/4 | 2,296.89 | 1/4 | 2,574.59 |
| 1/2 | 81.41 | 1/2 | 359.13 | 1/2 | 636.84 | 1/2 | 914.33 | 1/2 | 1,191.82 | 1/2 | 1,469.53 | 1/2 | 1,747.24 | 1/2 | 2,024.96 | 1/2 | 2,302.67 | 1/2 | 2,580.38 |
| 3/4 | 87.19 | 3/4 | 364.91 | 3/4 | 642.63 | 3/4 | 920.10 | 3/4 | 1,197.60 | 3/4 | 1,475.32 | 3/4 | 1,753.03 | 3/4 | 2,030.74 | 3/4 | 2,308.46 | 3/4 | 2,586.16 |
| 4 | 92.98 | 4 | 370.70 | 4 | 648.41 | 4 | 925.88 | 4 | 1,203.39 | 4 | 1,481.10 | 4 | 1,758.81 | 4 | 2,036.53 | 4 | 2,314.24 | 4 | 2,591.95 |
| 1/4 | 98.77 | 1/4 | 376.49 | 1/4 | 654.20 | 1/4 | 931.66 | 1/4 | 1,209.18 | 1/4 | 1,486.89 | 1/4 | 1,764.60 | 1/4 | 2,042.32 | 1/4 | 2,320.03 | 1/4 | 2,597.74 |
| 1/2 | 104.55 | 1/2 | 382.27 | 1/2 | 659.99 | 1/2 | 937.43 | 1/2 | 1,214.96 | 1/2 | 1,492.67 | 1/2 | 1,770.39 | 1/2 | 2,048.10 | 1/2 | 2,325.81 | 1/2 | 2,603.52 |
| 3/4 | 110.34 | 3/4 | 388.06 | 3/4 | 665.77 | 3/4 | 943.21 | 3/4 | 1,220.75 | 3/4 | 1,498.46 | 3/4 | 1,776.17 | 3/4 | 2,053.89 | 3/4 | 2,331.60 | 3/4 | 2,609.31 |
| 5 | 116.12 | 5 | 393.84 | 5 | 671.55 | 5 | 948.98 | 5 | 1,226.53 | 5 | 1,504.24 | 5 | 1,781.96 | 5 | 2,059.67 | 5 | 2,337.38 | 5 | 2,615.10 |
| 1/4 | 121.91 | 1/4 | 399.63 | 1/4 | 677.35 | 1/4 | 954.76 | 1/4 | 1,232.32 | 1/4 | 1,510.03 | 1/4 | 1,787.75 | 1/4 | 2,065.46 | 1/4 | 2,343.17 | 1/4 | 2,620.88 |
| 1/2 | 127.69 | 1/2 | 405.41 | 1/2 | 683.13 | 1/2 | 960.54 | 1/2 | 1,238.10 | 1/2 | 1,515.82 | 1/2 | 1,793.53 | 1/2 | 2,071.24 | 1/2 | 2,348.96 | 1/2 | 2,626.67 |
| 3/4 | 133.48 | 3/4 | 411.20 | 3/4 | 688.92 | 3/4 | 966.31 | 3/4 | 1,243.89 | 3/4 | 1,521.60 | 3/4 | 1,799.32 | 3/4 | 2,077.03 | 3/4 | 2,354.74 | 3/4 | 2,632.45 |
| 6 | 139.26 | 6 | 416.98 | 6 | 694.70 | 6 | 972.09 | 6 | 1,249.67 | 6 | 1,527.39 | 6 | 1,805.10 | 6 | 2,082.81 | 6 | 2,360.53 | 6 | 2,638.24 |
| 1/4 | 145.05 | 1/4 | 422.77 | 1/4 | 700.49 | 1/4 | 977.87 | 1/4 | 1,255.46 | 1/4 | 1,533.18 | 1/4 | 1,810.89 | 1/4 | 2,088.60 | 1/4 | 2,366.32 | 1/4 | 2,644.02 |
| 1/2 | 150.84 | 1/2 | 428.56 | 1/2 | 706.27 | 1/2 | 983.64 | 1/2 | 1,261.24 | 1/2 | 1,538.96 | 1/2 | 1,816.67 | 1/2 | 2,094.39 | 1/2 | 2,372.10 | 1/2 | 2,649.81 |
| 3/4 | 156.62 | 3/4 | 434.34 | 3/4 | 712.06 | 3/4 | 989.42 | 3/4 | 1,267.03 | 3/4 | 1,544.75 | 3/4 | 1,822.46 | 3/4 | 2,100.17 | 3/4 | 2,377.89 | 3/4 | 2,655.59 |
| 7 | 162.41 | 7 | 440.13 | 7 | 717.84 | 7 | 995.19 | 7 | 1,272.81 | 7 | 1,550.53 | 7 | 1,828.24 | 7 | 2,105.96 | 7 | 2,383.67 | 7 | 2,661.38 |
| 1/4 | 168.20 | 1/4 | 445.92 | 1/4 | 723.63 | 1/4 | 1,000.97 | 1/4 | 1,278.60 | 1/4 | 1,556.32 | 1/4 | 1,834.03 | 1/4 | 2,111.75 | 1/4 | 2,389.46 | 1/4 | 2,667.17 |
| 1/2 | 173.98 | 1/2 | 451.70 | 1/2 | 729.42 | 1/2 | 1,006.75 | 1/2 | 1,284.39 | 1/2 | 1,562.10 | 1/2 | 1,839.81 | 1/2 | 2,117.53 | 1/2 | 2,395.24 | 1/2 | 2,672.95 |
| 3/4 | 179.77 | 3/4 | 457.49 | 3/4 | 735.20 | 3/4 | 1,012.52 | 3/4 | 1,290.17 | 3/4 | 1,567.89 | 3/4 | 1,845.60 | 3/4 | 2,123.32 | 3/4 | 2,401.03 | 3/4 | 2,678.74 |
| 8 | 185.55 | 8 | 463.27 | 8 | 740.99 | 8 | 1,018.30 | 8 | 1,295.96 | 8 | 1,573.67 | 8 | 1,851.38 | 8 | 2,129.10 | 8 | 2,406.81 | 8 | 2,684.53 |
| 1/4 | 191.34 | 1/4 | 469.06 | 1/4 | 746.78 | 1/4 | 1,024.08 | 1/4 | 1,301.75 | 1/4 | 1,579.46 | 1/4 | 1,857.17 | 1/4 | 2,134.89 | 1/4 | 2,412.60 | 1/4 | 2,690.31 |
| 1/2 | 197.12 | 1/2 | 474.84 | 1/2 | 752.56 | 1/2 | 1,029.86 | 1/2 | 1,307.53 | 1/2 | 1,585.24 | 1/2 | 1,862.96 | 1/2 | 2,140.67 | 1/2 | 2,418.38 | 1/2 | 2,696.10 |
| 3/4 | 202.91 | 3/4 | 480.63 | 3/4 | 758.35 | 3/4 | 1,035.63 | 3/4 | 1,313.32 | 3/4 | 1,591.03 | 3/4 | 1,868.74 | 3/4 | 2,146.46 | 3/4 | 2,424.17 | 3/4 | 2,701.88 |
| 9 | 208.69 | 9 | 486.41 | 9 | 764.13 | 9 | 1,041.41 | 9 | 1,319.10 | 9 | 1,596.81 | 9 | 1,874.53 | 9 | 2,152.24 | 9 | 2,429.95 | 9 | 2,707.67 |
| 1/4 | 214.48 | 1/4 | 492.20 | 1/4 | 769.91 | 1/4 | 1,047.19 | 1/4 | 1,324.89 | 1/4 | 1,602.60 | 1/4 | 1,880.32 | 1/4 | 2,158.03 | 1/4 | 2,435.74 | 1/4 | 2,713.45 |
| 1/2 | 220.27 | 1/2 | 497.98 | 1/2 | 775.69 | 1/2 | 1,052.97 | 1/2 | 1,330.67 | 1/2 | 1,608.39 | 1/2 | 1,886.10 | 1/2 | 2,163.81 | 1/2 | 2,441.53 | 1/2 | 2,719.24 |
| 3/4 | 226.05 | 3/4 | 503.77 | 3/4 | 781.46 | 3/4 | 1,058.75 | 3/4 | 1,336.46 | 3/4 | 1,614.17 | 3/4 | 1,891.89 | 3/4 | 2,169.60 | 3/4 | 2,447.31 | 3/4 | 2,725.02 |
| 10 | 231.84 | 10 | 509.55 | 10 | 787.24 | 10 | 1,064.53 | 10 | 1,342.24 | 10 | 1,619.96 | 10 | 1,897.67 | 10 | 2,175.38 | 10 | 2,453.10 | 10 | 2,730.81 |
| 1/4 | 237.63 | 1/4 | 515.34 | 1/4 | 793.02 | 1/4 | 1,070.32 | 1/4 | 1,348.03 | 1/4 | 1,625.75 | 1/4 | 1,903.46 | 1/4 | 2,181.17 | 1/4 | 2,458.89 | 1/4 | 2,736.59 |
| 1/2 | 243.41 | 1/2 | 521.13 | 1/2 | 798.80 | 1/2 | 1,076.10 | 1/2 | 1,353.82 | 1/2 | 1,631.53 | 1/2 | 1,909.24 | 1/2 | 2,186.96 | 1/2 | 2,464.67 | 1/2 | 2,742.38 |
| 3/4 | 249.20 | 3/4 | 526.91 | 3/4 | 804.57 | 3/4 | 1,081.89 | 3/4 | 1,359.60 | 3/4 | 1,637.32 | 3/4 | 1,915.03 | 3/4 | 2,192.74 | 3/4 | 2,470.46 | 3/4 | 2,748.16 |
| 11 | 254.98 | 11 | 532.70 | 11 | 810.35 | 11 | 1,087.67 | 11 | 1,365.39 | 11 | 1,643.10 | 11 | 1,920.81 | 11 | 2,198.53 | 11 | 2,476.24 | 11 | 2,753.95 |
| 1/4 | 260.77 | 1/4 | 538.49 | 1/4 | 816.13 | 1/4 | 1,093.46 | 1/4 | 1,371.18 | 1/4 | 1,648.89 | 1/4 | 1,926.60 | 1/4 | 2,204.32 | 1/4 | 2,482.03 | 1/4 | 2,759.74 |
| 1/2 | 266.55 | 1/2 | 544.27 | 1/2 | 821.90 | 1/2 | 1,099.25 | 1/2 | 1,376.96 | 1/2 | 1,654.67 | 1/2 | 1,932.39 | 1/2 | 2,210.10 | 1/2 | 2,487.81 | 1/2 | 2,765.52 |
| 3/4 | 272.34 | 3/4 | 550.06 | 3/4 | 827.68 | 3/4 | 1,105.03 | 3/4 | 1,382.75 | 3/4 | 1,660.46 | 3/4 | 1,938.17 | 3/4 | 2,215.89 | 3/4 | 2,493.60 | 3/4 | 2,771.31 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
COMPARTMENT BOTTOM SLOPES 5" FROM TANK SIDE TO CENTERLINE BULKHEAD.
CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.
GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 321T"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-02 3/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,777.10 | 0 | 3,054.81 | 0 | 3,332.52 | 0 | 3,610.24 | 0 | 3,888.00 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,782.88 | 1/4 | 3,060.59 | 1/4 | 3,338.31 | 1/4 | 3,616.03 | 1/4 | 3,893.79 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,788.67 | 1/2 | 3,066.38 | 1/2 | 3,344.09 | 1/2 | 3,621.81 | 1/2 | 3,899.57 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,794.45 | 3/4 | 3,072.16 | 3/4 | 3,349.88 | 3/4 | 3,627.60 | 3/4 | 3,905.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2,800.24 | 1 | 3,077.95 | 1 | 3,355.67 | 1 | 3,633.39 | 1 | 3,911.15 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 2,806.02 | 1/4 | 3,083.74 | 1/4 | 3,361.45 | 1/4 | 3,639.17 | 1/4 | 3,916.94 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,811.81 | 1/2 | 3,089.52 | 1/2 | 3,367.24 | 1/2 | 3,644.96 | 1/2 | 3,922.72 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,817.59 | 3/4 | 3,095.31 | 3/4 | 3,373.02 | 3/4 | 3,650.74 | 3/4 | 3,928.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 2,823.38 | 2 | 3,101.10 | 2 | 3,378.81 | 2 | 3,656.53 | 2 | 3,934.30 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 2,829.16 | 1/4 | 3,106.88 | 1/4 | 3,384.59 | 1/4 | 3,662.32 | 1/4 | 3,940.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,834.95 | 1/2 | 3,112.67 | 1/2 | 3,390.38 | 1/2 | 3,668.10 | 1/2 | 3,945.87 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,840.73 | 3/4 | 3,118.45 | 3/4 | 3,396.16 | 3/4 | 3,673.89 | 3/4 | 3,951.65 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 2,846.52 | 3 | 3,124.24 | 3 | 3,401.95 | 3 | 3,679.68 | 3 | 3,957.44 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 2,852.31 | 1/4 | 3,130.02 | 1/4 | 3,407.73 | 1/4 | 3,685.47 | 1/4 | 3,963.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,858.09 | 1/2 | 3,135.81 | 1/2 | 3,413.52 | 1/2 | 3,691.25 | 1/2 | 3,969.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,863.88 | 3/4 | 3,141.59 | 3/4 | 3,419.30 | 3/4 | 3,697.04 | 3/4 | 3,974.80 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 2,869.67 | 4 | 3,147.38 | 4 | 3,425.09 | 4 | 3,702.83 | 4 | 3,980.59 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 2,875.45 | 1/4 | 3,153.16 | 1/4 | 3,430.88 | 1/4 | 3,708.61 | 1/4 | 3,986.38 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,881.24 | 1/2 | 3,158.95 | 1/2 | 3,436.66 | 1/2 | 3,714.40 | 1/2 | 3,992.16 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,887.02 | 3/4 | 3,164.73 | 3/4 | 3,442.45 | 3/4 | 3,720.18 | 3/4 | 3,997.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 2,892.81 | 5 | 3,170.52 | 5 | 3,448.24 | 5 | 3,725.97 | 5 | 4,003.74 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 2,898.59 | 1/4 | 3,176.31 | 1/4 | 3,454.02 | 1/4 | 3,731.76 | 1/4 | 4,009.52 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,904.38 | 1/2 | 3,182.09 | 1/2 | 3,459.81 | 1/2 | 3,737.54 | 1/2 | 4,015.31 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,910.16 | 3/4 | 3,187.88 | 3/4 | 3,465.59 | 3/4 | 3,743.33 | 3/4 | 4,021.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 2,915.95 | 6 | 3,193.67 | 6 | 3,471.38 | 6 | 3,749.12 | 6 | 4,026.88 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 2,921.74 | 1/4 | 3,199.45 | 1/4 | 3,477.16 | 1/4 | 3,754.91 | 1/4 | 4,032.44 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,927.52 | 1/2 | 3,205.24 | 1/2 | 3,482.95 | 1/2 | 3,760.69 | 1/2 | 4,038.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,933.31 | 3/4 | 3,211.02 | 3/4 | 3,488.73 | 3/4 | 3,766.48 | 3/4 | 4,043.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,939.10 | 7 | 3,216.81 | 7 | 3,494.52 | 7 | 3,772.27 | 7 | 4,049.12 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 2,944.88 | 1/4 | 3,222.59 | 1/4 | 3,500.31 | 1/4 | 3,778.05 | 1/4 | 4,053.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,950.67 | 1/2 | 3,228.38 | 1/2 | 3,506.09 | 1/2 | 3,783.84 | 1/2 | 4,057.95 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,956.45 | 3/4 | 3,234.16 | 3/4 | 3,511.88 | 3/4 | 3,789.62 | 3/4 | 4,062.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,962.24 | 8 | 3,239.95 | 8 | 3,517.67 | 8 | 3,795.41 | 8 | 4,066.78 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 2,968.02 | 1/4 | 3,245.74 | 1/4 | 3,523.45 | 1/4 | 3,801.20 | 1/4 | 4,069.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,973.81 | 1/2 | 3,251.52 | 1/2 | 3,529.24 | 1/2 | 3,806.98 | 1/2 | 4,073.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,979.59 | 3/4 | 3,257.31 | 3/4 | 3,535.02 | 3/4 | 3,812.77 | 3/4 | 4,076.38 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,985.38 | 9 | 3,263.10 | 9 | 3,540.81 | 9 | 3,818.56 | 9 | 4,079.58 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 2,991.16 | 1/4 | 3,268.88 | 1/4 | 3,546.59 | 1/4 | 3,824.35 | 1/4 | 4,081.71 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,996.95 | 1/2 | 3,274.67 | 1/2 | 3,552.38 | 1/2 | 3,830.13 | 1/2 | 4,083.84 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,002.73 | 3/4 | 3,280.45 | 3/4 | 3,558.16 | 3/4 | 3,835.92 | 3/4 | 4,085.97 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,008.52 | 10 | 3,286.24 | 10 | 3,563.95 | 10 | 3,841.71 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,014.31 | 1/4 | 3,292.02 | 1/4 | 3,569.73 | 1/4 | 3,847.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,020.09 | 1/2 | 3,297.81 | 1/2 | 3,575.52 | 1/2 | 3,853.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,025.88 | 3/4 | 3,303.59 | 3/4 | 3,581.30 | 3/4 | 3,859.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,031.67 | 11 | 3,309.38 | 11 | 3,587.09 | 11 | 3,864.86 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,037.45 | 1/4 | 3,315.16 | 1/4 | 3,592.88 | 1/4 | 3,870.64 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,043.24 | 1/2 | 3,320.95 | 1/2 | 3,598.66 | 1/2 | 3,876.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,049.02 | 3/4 | 3,326.73 | 3/4 | 3,604.45 | 3/4 | 3,882.21 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 03/28/2007 ITS
DECK MEASUREMENTS: 04/20/2012 SW
REPRINTED: 04/20/20112 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "WEB 321T"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-03 1/2"

| 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 | 2.44 | 0 | 473.88 | 0 | 1,028.00 | 0 | 1,581.85 | 0 | 2,135.19 | 0 | 2,688.72 | 0 | 3,242.06 | 0 | 3,795.86 | 0 | 4,349.07 | 0 | 4,901.85 |
| 1/4 | 4.37 | 1/4 | 485.43 | 1/4 | 1,039.54 | 1/4 | 1,593.38 | 1/4 | 2,146.73 | 1/4 | 2,700.22 | 1/4 | 3,253.60 | 1/4 | 3,807.39 | 1/4 | 4,360.60 | 1/4 | 4,913.35 |
| 1/2 | 6.30 | 1/2 | 496.97 | 1/2 | 1,051.09 | 1/2 | 1,604.90 | 1/2 | 2,158.27 | 1/2 | 2,711.71 | 1/2 | 3,265.15 | 1/2 | 3,818.91 | 1/2 | 4,372.12 | 1/2 | 4,924.84 |
| 3/4 | 8.23 | 3/4 | 508.52 | 3/4 | 1,062.63 | 3/4 | 1,616.43 | 3/4 | 2,169.82 | 3/4 | 2,723.21 | 3/4 | 3,276.69 | 3/4 | 3,830.44 | 3/4 | 4,383.65 | 3/4 | 4,936.34 |
| 1 | 10.16 | 1 | 520.06 | 1 | 1,074.17 | 1 | 1,627.95 | 1 | 2,181.36 | 1 | 2,734.70 | 1 | 3,288.23 | 1 | 3,841.96 | 1 | 4,395.17 | 1 | 4,947.84 |
| 1/4 | 15.27 | 1/4 | 531.60 | 1/4 | 1,085.71 | 1/4 | 1,639.48 | 1/4 | 2,192.90 | 1/4 | 2,746.20 | 1/4 | 3,299.77 | 1/4 | 3,853.49 | 1/4 | 4,406.70 | 1/4 | 4,959.34 |
| 1/2 | 20.38 | 1/2 | 543.15 | 1/2 | 1,097.26 | 1/2 | 1,651.01 | 1/2 | 2,204.45 | 1/2 | 2,757.71 | 1/2 | 3,311.32 | 1/2 | 3,865.01 | 1/2 | 4,418.22 | 1/2 | 4,970.83 |
| 3/4 | 25.48 | 3/4 | 554.69 | 3/4 | 1,108.80 | 3/4 | 1,662.53 | 3/4 | 2,215.99 | 3/4 | 2,769.21 | 3/4 | 3,322.86 | 3/4 | 3,876.54 | 3/4 | 4,429.74 | 3/4 | 4,982.33 |
| 2 | 30.59 | 2 | 566.23 | 2 | 1,120.34 | 2 | 1,674.06 | 2 | 2,227.53 | 2 | 2,780.71 | 2 | 3,334.40 | 2 | 3,888.06 | 2 | 4,441.27 | 2 | 4,993.83 |
| 1/4 | 38.67 | 1/4 | 577.78 | 1/4 | 1,131.88 | 1/4 | 1,685.59 | 1/4 | 2,239.08 | 1/4 | 2,792.23 | 1/4 | 3,345.94 | 1/4 | 3,899.59 | 1/4 | 4,452.79 | 1/4 | 5,005.33 |
| 1/2 | 46.75 | 1/2 | 589.32 | 1/2 | 1,143.42 | 1/2 | 1,697.11 | 1/2 | 2,250.62 | 1/2 | 2,803.74 | 1/2 | 3,357.49 | 1/2 | 3,911.11 | 1/2 | 4,464.32 | 1/2 | 5,016.82 |
| 3/4 | 54.83 | 3/4 | 600.87 | 3/4 | 1,154.96 | 3/4 | 1,708.64 | 3/4 | 2,262.17 | 3/4 | 2,815.26 | 3/4 | 3,369.03 | 3/4 | 3,922.64 | 3/4 | 4,475.84 | 3/4 | 5,028.32 |
| 3 | 62.91 | 3 | 612.41 | 3 | 1,166.50 | 3 | 1,720.16 | 3 | 2,273.71 | 3 | 2,826.77 | 3 | 3,380.57 | 3 | 3,934.16 | 3 | 4,487.37 | 3 | 5,039.82 |
| 1/4 | 73.30 | 1/4 | 623.95 | 1/4 | 1,178.04 | 1/4 | 1,731.69 | 1/4 | 2,285.25 | 1/4 | 2,838.30 | 1/4 | 3,392.11 | 1/4 | 3,945.69 | 1/4 | 4,498.89 | 1/4 | 5,051.32 |
| 1/2 | 83.69 | 1/2 | 635.50 | 1/2 | 1,189.58 | 1/2 | 1,743.22 | 1/2 | 2,296.80 | 1/2 | 2,849.83 | 1/2 | 3,403.66 | 1/2 | 3,957.21 | 1/2 | 4,510.42 | 1/2 | 5,062.81 |
| 3/4 | 94.08 | 3/4 | 647.04 | 3/4 | 1,201.12 | 3/4 | 1,754.74 | 3/4 | 2,308.34 | 3/4 | 2,861.36 | 3/4 | 3,415.20 | 3/4 | 3,968.74 | 3/4 | 4,521.94 | 3/4 | 5,074.31 |
| 4 | 104.47 | 4 | 658.58 | 4 | 1,212.66 | 4 | 1,766.27 | 4 | 2,319.88 | 4 | 2,872.89 | 4 | 3,426.74 | 4 | 3,980.28 | 4 | 4,533.47 | 4 | 5,085.81 |
| 1/4 | 116.01 | 1/4 | 670.13 | 1/4 | 1,224.20 | 1/4 | 1,777.80 | 1/4 | 2,331.42 | 1/4 | 2,884.42 | 1/4 | 3,438.28 | 1/4 | 3,991.79 | 1/4 | 4,544.97 | 1/4 | 5,097.31 |
| 1/2 | 127.56 | 1/2 | 681.67 | 1/2 | 1,235.74 | 1/2 | 1,789.32 | 1/2 | 2,342.97 | 1/2 | 2,895.95 | 1/2 | 3,449.83 | 1/2 | 4,003.31 | 1/2 | 4,556.47 | 1/2 | 5,108.80 |
| 3/4 | 139.10 | 3/4 | 693.22 | 3/4 | 1,247.28 | 3/4 | 1,800.85 | 3/4 | 2,354.51 | 3/4 | 2,907.48 | 3/4 | 3,461.37 | 3/4 | 4,014.84 | 3/4 | 4,567.98 | 3/4 | 5,120.30 |
| 5 | 150.64 | 5 | 704.76 | 5 | 1,258.82 | 5 | 1,812.37 | 5 | 2,366.05 | 5 | 2,919.01 | 5 | 3,472.91 | 5 | 4,026.36 | 5 | 4,579.48 | 5 | 5,131.80 |
| 1/4 | 162.19 | 1/4 | 716.31 | 1/4 | 1,270.36 | 1/4 | 1,823.90 | 1/4 | 2,377.60 | 1/4 | 2,930.55 | 1/4 | 3,484.45 | 1/4 | 4,037.89 | 1/4 | 4,590.98 | 1/4 | 5,143.30 |
| 1/2 | 173.73 | 1/2 | 727.85 | 1/2 | 1,281.90 | 1/2 | 1,835.42 | 1/2 | 2,389.14 | 1/2 | 2,942.09 | 1/2 | 3,496.00 | 1/2 | 4,049.41 | 1/2 | 4,602.48 | 1/2 | 5,154.80 |
| 3/4 | 185.28 | 3/4 | 739.40 | 3/4 | 1,293.44 | 3/4 | 1,846.95 | 3/4 | 2,400.69 | 3/4 | 2,953.62 | 3/4 | 3,507.54 | 3/4 | 4,060.94 | 3/4 | 4,613.98 | 3/4 | 5,166.30 |
| 6 | 196.82 | 6 | 750.94 | 6 | 1,304.98 | 6 | 1,858.47 | 6 | 2,412.23 | 6 | 2,965.16 | 6 | 3,519.08 | 6 | 4,072.46 | 6 | 4,625.48 | 6 | 5,177.80 |
| 1/4 | 208.37 | 1/4 | 762.48 | 1/4 | 1,316.52 | 1/4 | 1,870.00 | 1/4 | 2,423.77 | 1/4 | 2,976.70 | 1/4 | 3,530.62 | 1/4 | 4,083.99 | 1/4 | 4,636.98 | 1/4 | 5,189.30 |
| 1/2 | 219.91 | 1/2 | 774.03 | 1/2 | 1,328.06 | 1/2 | 1,881.53 | 1/2 | 2,435.32 | 1/2 | 2,988.23 | 1/2 | 3,542.17 | 1/2 | 4,095.51 | 1/2 | 4,648.48 | 1/2 | 5,200.79 |
| 3/4 | 231.46 | 3/4 | 785.57 | 3/4 | 1,339.60 | 3/4 | 1,893.05 | 3/4 | 2,446.86 | 3/4 | 2,999.77 | 3/4 | 3,553.71 | 3/4 | 4,107.04 | 3/4 | 4,659.99 | 3/4 | 5,212.29 |
| 7 | 243.00 | 7 | 797.11 | 7 | 1,351.14 | 7 | 1,904.58 | 7 | 2,458.40 | 7 | 3,011.30 | 7 | 3,565.25 | 7 | 4,118.56 | 7 | 4,671.49 | 7 | 5,223.79 |
| 1/4 | 254.54 | 1/4 | 808.66 | 1/4 | 1,362.68 | 1/4 | 1,916.11 | 1/4 | 2,469.95 | 1/4 | 3,022.84 | 1/4 | 3,576.79 | 1/4 | 4,130.09 | 1/4 | 4,682.99 | 1/4 | 5,235.29 |
| 1/2 | 266.09 | 1/2 | 820.20 | 1/2 | 1,374.22 | 1/2 | 1,927.64 | 1/2 | 2,481.49 | 1/2 | 3,034.37 | 1/2 | 3,588.33 | 1/2 | 4,141.61 | 1/2 | 4,694.49 | 1/2 | 5,246.79 |
| 3/4 | 277.63 | 3/4 | 831.75 | 3/4 | 1,385.76 | 3/4 | 1,939.16 | 3/4 | 2,493.04 | 3/4 | 3,045.91 | 3/4 | 3,599.87 | 3/4 | 4,153.14 | 3/4 | 4,706.00 | 3/4 | 5,258.28 |
| 8 | 289.17 | 8 | 843.29 | 8 | 1,397.30 | 8 | 1,950.69 | 8 | 2,504.58 | 8 | 3,057.44 | 8 | 3,611.41 | 8 | 4,164.66 | 8 | 4,717.50 | 8 | 5,269.78 |
| 1/4 | 300.72 | 1/4 | 854.84 | 1/4 | 1,408.84 | 1/4 | 1,962.22 | 1/4 | 2,516.11 | 1/4 | 3,068.98 | 1/4 | 3,622.95 | 1/4 | 4,176.19 | 1/4 | 4,729.00 | 1/4 | 5,281.28 |
| 1/2 | 312.26 | 1/2 | 866.38 | 1/2 | 1,420.38 | 1/2 | 1,973.74 | 1/2 | 2,527.63 | 1/2 | 3,080.52 | 1/2 | 3,634.49 | 1/2 | 4,187.72 | 1/2 | 4,740.50 | 1/2 | 5,292.78 |
| 3/4 | 323.81 | 3/4 | 877.93 | 3/4 | 1,431.92 | 3/4 | 1,985.27 | 3/4 | 2,539.16 | 3/4 | 3,092.05 | 3/4 | 3,646.02 | 3/4 | 4,199.24 | 3/4 | 4,752.01 | 3/4 | 5,304.27 |
| 9 | 335.35 | 9 | 889.47 | 9 | 1,443.46 | 9 | 1,996.79 | 9 | 2,550.68 | 9 | 3,103.59 | 9 | 3,657.56 | 9 | 4,210.77 | 9 | 4,763.51 | 9 | 5,315.77 |
| 1/4 | 346.90 | 1/4 | 901.01 | 1/4 | 1,455.00 | 1/4 | 2,008.32 | 1/4 | 2,562.19 | 1/4 | 3,115.13 | 1/4 | 3,669.09 | 1/4 | 4,222.30 | 1/4 | 4,775.04 | 1/4 | 5,327.27 |
| 1/2 | 358.44 | 1/2 | 912.56 | 1/2 | 1,466.54 | 1/2 | 2,019.85 | 1/2 | 2,573.70 | 1/2 | 3,126.67 | 1/2 | 3,680.61 | 1/2 | 4,233.82 | 1/2 | 4,786.57 | 1/2 | 5,338.77 |
| 3/4 | 369.99 | 3/4 | 924.10 | 3/4 | 1,478.07 | 3/4 | 2,031.37 | 3/4 | 2,585.20 | 3/4 | 3,138.20 | 3/4 | 3,692.14 | 3/4 | 4,245.35 | 3/4 | 4,798.11 | 3/4 | 5,350.26 |
| 10 | 381.53 | 10 | 935.64 | 10 | 1,489.61 | 10 | 2,042.90 | 10 | 2,596.71 | 10 | 3,149.74 | 10 | 3,703.66 | 10 | 4,256.87 | 10 | 4,809.64 | 10 | 5,361.76 |
| 1/4 | 393.07 | 1/4 | 947.19 | 1/4 | 1,501.15 | 1/4 | 2,054.43 | 1/4 | 2,608.22 | 1/4 | 3,161.28 | 1/4 | 3,715.19 | 1/4 | 4,268.40 | 1/4 | 4,821.17 | 1/4 | 5,373.26 |
| 1/2 | 404.62 | 1/2 | 958.73 | 1/2 | 1,512.69 | 1/2 | 2,065.96 | 1/2 | 2,619.72 | 1/2 | 3,172.82 | 1/2 | 3,726.71 | 1/2 | 4,279.92 | 1/2 | 4,832.71 | 1/2 | 5,384.76 |
| 3/4 | 416.16 | 3/4 | 970.28 | 3/4 | 1,524.22 | 3/4 | 2,077.48 | 3/4 | 2,631.23 | 3/4 | 3,184.35 | 3/4 | 3,738.24 | 3/4 | 4,291.45 | 3/4 | 4,844.24 | 3/4 | 5,396.25 |
| 11 | 427.70 | 11 | 981.82 | 11 | 1,535.76 | 11 | 2,089.01 | 11 | 2,642.73 | 11 | 3,195.89 | 11 | 3,749.76 | 11 | 4,302.97 | 11 | 4,855.78 | 11 | 5,407.75 |
| 1/4 | 439.25 | 1/4 | 993.36 | 1/4 | 1,547.28 | 1/4 | 2,100.55 | 1/4 | 2,654.23 | 1/4 | 3,207.43 | 1/4 | 3,761.29 | 1/4 | 4,314.50 | 1/4 | 4,867.30 | 1/4 | 5,419.25 |
| 1/2 | 450.79 | 1/2 | 1,004.91 | 1/2 | 1,558.81 | 1/2 | 2,112.10 | 1/2 | 2,665.73 | 1/2 | 3,218.98 | 1/2 | 3,772.81 | 1/2 | 4,326.02 | 1/2 | 4,878.81 | 1/2 | 5,430.75 |
| 3/4 | 462.34 | 3/4 | 1,016.46 | 3/4 | 1,570.33 | 3/4 | 2,123.64 | 3/4 | 2,677.22 | 3/4 | 3,230.52 | 3/4 | 3,784.34 | 3/4 | 4,337.55 | 3/4 | 4,890.33 | 3/4 | 5,442.24 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
COMPARTMENT BOTTOM SLOPES 5" FROM TANK SIDE TO CENTERLINE BULKHEAD.
CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.
GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 03'-00" OFF CENTERLINE AND 39'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 321T"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-03 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 5,453.74 | 0 | 6,004.28 | 0 | 6,364.46 | 0 | 6,715.60 | 0 | 7,066.18 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 5,465.24 | 1/4 | 6,013.72 | 1/4 | 6,371.79 | 1/4 | 6,722.90 | 1/4 | 7,073.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,476.74 | 1/2 | 6,023.16 | 1/2 | 6,379.12 | 1/2 | 6,730.21 | 1/2 | 7,080.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,488.23 | 3/4 | 6,032.60 | 3/4 | 6,386.45 | 3/4 | 6,737.51 | 3/4 | 7,088.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 5,499.73 | 1 | 6,042.04 | 1 | 6,393.78 | 1 | 6,744.81 | 1 | 7,095.40 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 5,511.23 | 1/4 | 6,049.37 | 1/4 | 6,401.11 | 1/4 | 6,752.12 | 1/4 | 7,102.68 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,522.73 | 1/2 | 6,056.70 | 1/2 | 6,408.44 | 1/2 | 6,759.42 | 1/2 | 7,109.96 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,534.23 | 3/4 | 6,064.02 | 3/4 | 6,415.76 | 3/4 | 6,766.73 | 3/4 | 7,117.24 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 5,545.73 | 2 | 6,071.35 | 2 | 6,423.09 | 2 | 6,774.03 | 2 | 7,124.52 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 5,557.23 | 1/4 | 6,078.68 | 1/4 | 6,430.42 | 1/4 | 6,781.33 | 1/4 | 7,131.78 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,568.73 | 1/2 | 6,086.01 | 1/2 | 6,437.75 | 1/2 | 6,788.64 | 1/2 | 7,139.04 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,580.22 | 3/4 | 6,093.33 | 3/4 | 6,445.07 | 3/4 | 6,795.94 | 3/4 | 7,146.29 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 5,591.72 | 3 | 6,100.66 | 3 | 6,452.40 | 3 | 6,803.24 | 3 | 7,153.55 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 5,603.22 | 1/4 | 6,107.99 | 1/4 | 6,459.73 | 1/4 | 6,810.55 | 1/4 | 7,160.81 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,614.72 | 1/2 | 6,115.32 | 1/2 | 6,467.06 | 1/2 | 6,817.85 | 1/2 | 7,168.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,626.21 | 3/4 | 6,122.64 | 3/4 | 6,474.38 | 3/4 | 6,825.16 | 3/4 | 7,175.32 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 5,637.71 | 4 | 6,129.97 | 4 | 6,481.71 | 4 | 6,832.46 | 4 | 7,182.58 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 5,649.21 | 1/4 | 6,137.30 | 1/4 | 6,489.04 | 1/4 | 6,839.76 | 1/4 | 7,189.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,660.71 | 1/2 | 6,144.63 | 1/2 | 6,496.36 | 1/2 | 6,847.07 | 1/2 | 7,197.09 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,672.20 | 3/4 | 6,151.95 | 3/4 | 6,503.69 | 3/4 | 6,854.37 | 3/4 | 7,204.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 5,683.70 | 5 | 6,159.28 | 5 | 6,511.01 | 5 | 6,861.67 | 5 | 7,211.60 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 5,695.20 | 1/4 | 6,166.61 | 1/4 | 6,518.33 | 1/4 | 6,868.98 | 1/4 | 7,218.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,706.70 | 1/2 | 6,173.94 | 1/2 | 6,525.66 | 1/2 | 6,876.28 | 1/2 | 7,226.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,718.19 | 3/4 | 6,181.27 | 3/4 | 6,532.98 | 3/4 | 6,883.59 | 3/4 | 7,233.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 5,729.69 | 6 | 6,188.60 | 6 | 6,540.30 | 6 | 6,890.89 | 6 | 7,240.63 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 5,741.15 | 1/4 | 6,195.93 | 1/4 | 6,547.61 | 1/4 | 6,898.19 | 1/4 | 7,247.89 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,752.62 | 1/2 | 6,203.26 | 1/2 | 6,554.91 | 1/2 | 6,905.50 | 1/2 | 7,255.15 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,764.08 | 3/4 | 6,210.58 | 3/4 | 6,562.22 | 3/4 | 6,912.80 | 3/4 | 7,262.40 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 5,775.54 | 7 | 6,217.91 | 7 | 6,569.52 | 7 | 6,920.10 | 7 | 7,269.66 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 5,786.97 | 1/4 | 6,225.24 | 1/4 | 6,576.82 | 1/4 | 6,927.41 | 1/4 | 7,276.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,798.39 | 1/2 | 6,232.57 | 1/2 | 6,584.13 | 1/2 | 6,934.71 | 1/2 | 7,284.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,809.82 | 3/4 | 6,239.89 | 3/4 | 6,591.43 | 3/4 | 6,942.02 | 3/4 | 7,291.43 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 5,821.24 | 8 | 6,247.22 | 8 | 6,598.73 | 8 | 6,949.32 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 5,832.67 | 1/4 | 6,254.55 | 1/4 | 6,606.04 | 1/4 | 6,956.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,844.09 | 1/2 | 6,261.88 | 1/2 | 6,613.34 | 1/2 | 6,963.93 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,855.52 | 3/4 | 6,269.20 | 3/4 | 6,620.65 | 3/4 | 6,971.24 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 5,866.94 | 9 | 6,276.53 | 9 | 6,627.95 | 9 | 6,978.54 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 5,878.37 | 1/4 | 6,283.86 | 1/4 | 6,635.25 | 1/4 | 6,985.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,889.79 | 1/2 | 6,291.19 | 1/2 | 6,642.56 | 1/2 | 6,993.15 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,901.22 | 3/4 | 6,298.51 | 3/4 | 6,649.86 | 3/4 | 7,000.45 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 5,912.64 | 10 | 6,305.84 | 10 | 6,657.16 | 10 | 7,007.75 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 5,924.07 | 1/4 | 6,313.17 | 1/4 | 6,664.47 | 1/4 | 7,015.06 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,935.49 | 1/2 | 6,320.50 | 1/2 | 6,671.77 | 1/2 | 7,022.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,946.92 | 3/4 | 6,327.82 | 3/4 | 6,679.08 | 3/4 | 7,029.67 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 5,958.34 | 11 | 6,335.15 | 11 | 6,686.38 | 11 | 7,036.97 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 5,969.83 | 1/4 | 6,342.48 | 1/4 | 6,693.69 | 1/4 | 7,044.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,981.31 | 1/2 | 6,349.81 | 1/2 | 6,700.99 | 1/2 | 7,051.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,992.80 | 3/4 | 6,357.13 | 3/4 | 6,708.30 | 3/4 | 7,058.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/28/2007 ITS
DECK MEASUREMENTS: 04/20/2012 SW
REPRINTED: 04/20/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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