



BARGE "USL 147"

PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|--------|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT |
| 0 | 0.00 | 150.21 | 0 | 417.64 | 0 | 753.71 | 0 | 1,139.14 | 0 | 1,561.40 | 0 | 2,011.48 | 0 | 2,481.60 | 0 | 2,965.17 | 0 | 3,456.02 | 0 |
| 1/4 | 0.92 | 154.95 | 1/4 | 424.08 | 1/4 | 761.33 | 1/4 | 1,147.63 | 1/4 | 1,570.55 | 1/4 | 2,021.10 | 1/4 | 2,491.57 | 1/4 | 2,975.35 | 1/4 | 3,466.29 | 1/4 |
| 1/2 | 1.85 | 159.68 | 1/2 | 430.51 | 1/2 | 768.94 | 1/2 | 1,156.11 | 1/2 | 1,579.69 | 1/2 | 2,030.73 | 1/2 | 2,501.54 | 1/2 | 2,985.52 | 1/2 | 3,476.55 | 1/2 |
| 3/4 | 2.77 | 164.41 | 3/4 | 436.95 | 3/4 | 776.55 | 3/4 | 1,164.59 | 3/4 | 1,588.83 | 3/4 | 2,040.35 | 3/4 | 2,511.51 | 3/4 | 2,995.70 | 3/4 | 3,486.81 | 3/4 |
| 1 | 3.69 | 169.14 | 1 | 443.38 | 1 | 784.17 | 1 | 1,173.07 | 1 | 1,597.98 | 1 | 2,049.98 | 1 | 2,521.48 | 1 | 3,005.88 | 1 | 3,497.07 | 1 |
| 1/4 | 5.36 | 174.05 | 1/4 | 449.92 | 1/4 | 791.86 | 1/4 | 1,181.61 | 1/4 | 1,607.16 | 1/4 | 2,059.64 | 1/4 | 2,531.46 | 1/4 | 3,016.07 | 1/4 | 3,507.34 | 1/4 |
| 1/2 | 7.04 | 178.95 | 1/2 | 456.46 | 1/2 | 799.55 | 1/2 | 1,190.15 | 1/2 | 1,616.35 | 1/2 | 2,069.30 | 1/2 | 2,541.45 | 1/2 | 3,026.25 | 1/2 | 3,517.61 | 1/2 |
| 3/4 | 8.71 | 183.86 | 3/4 | 463.01 | 3/4 | 807.24 | 3/4 | 1,198.70 | 3/4 | 1,625.53 | 3/4 | 2,078.96 | 3/4 | 2,551.44 | 3/4 | 3,036.43 | 3/4 | 3,527.88 | 3/4 |
| 2 | 10.38 | 188.76 | 2 | 469.55 | 2 | 814.93 | 2 | 1,207.24 | 2 | 1,634.71 | 2 | 2,088.62 | 2 | 2,561.43 | 2 | 3,046.62 | 2 | 3,538.14 | 2 |
| 1/4 | 12.54 | 193.83 | 1/4 | 476.20 | 1/4 | 822.70 | 1/4 | 1,215.85 | 1/4 | 1,643.95 | 1/4 | 2,098.31 | 1/4 | 2,571.44 | 1/4 | 3,056.82 | 1/4 | 3,548.41 | 1/4 |
| 1/2 | 14.70 | 198.90 | 1/2 | 482.86 | 1/2 | 830.46 | 1/2 | 1,224.45 | 1/2 | 1,653.18 | 1/2 | 2,108.00 | 1/2 | 2,581.45 | 1/2 | 3,067.02 | 1/2 | 3,558.68 | 1/2 |
| 3/4 | 16.86 | 203.98 | 3/4 | 489.51 | 3/4 | 838.23 | 3/4 | 1,233.06 | 3/4 | 1,662.41 | 3/4 | 2,117.69 | 3/4 | 2,591.46 | 3/4 | 3,077.23 | 3/4 | 3,568.95 | 3/4 |
| 3 | 19.02 | 209.05 | 3 | 496.17 | 3 | 846.00 | 3 | 1,241.67 | 3 | 1,671.64 | 3 | 2,127.38 | 3 | 2,601.48 | 3 | 3,087.43 | 3 | 3,579.21 | 3 |
| 1/4 | 21.58 | 214.28 | 1/4 | 502.93 | 1/4 | 853.85 | 1/4 | 1,250.33 | 1/4 | 1,680.92 | 1/4 | 2,137.11 | 1/4 | 2,611.51 | 1/4 | 3,097.64 | 1/4 | 3,589.49 | 1/4 |
| 1/2 | 24.13 | 219.51 | 1/2 | 509.69 | 1/2 | 861.70 | 1/2 | 1,258.99 | 1/2 | 1,690.19 | 1/2 | 2,146.83 | 1/2 | 2,621.54 | 1/2 | 3,107.85 | 1/2 | 3,599.76 | 1/2 |
| 3/4 | 26.68 | 224.74 | 3/4 | 516.45 | 3/4 | 869.55 | 3/4 | 1,267.65 | 3/4 | 1,699.46 | 3/4 | 2,156.56 | 3/4 | 2,631.57 | 3/4 | 3,118.05 | 3/4 | 3,610.04 | 3/4 |
| 4 | 29.24 | 229.98 | 4 | 523.21 | 4 | 877.40 | 4 | 1,276.31 | 4 | 1,708.74 | 4 | 2,166.29 | 4 | 2,641.60 | 4 | 3,128.26 | 4 | 3,620.31 | 4 |
| 1/4 | 32.13 | 235.36 | 1/4 | 530.08 | 1/4 | 885.33 | 1/4 | 1,285.04 | 1/4 | 1,718.06 | 1/4 | 2,176.04 | 1/4 | 2,651.65 | 1/4 | 3,138.48 | 1/4 | 3,630.57 | 1/4 |
| 1/2 | 35.02 | 240.74 | 1/2 | 536.95 | 1/2 | 893.26 | 1/2 | 1,293.76 | 1/2 | 1,727.38 | 1/2 | 2,185.80 | 1/2 | 2,661.70 | 1/2 | 3,148.70 | 1/2 | 3,640.82 | 1/2 |
| 3/4 | 37.92 | 246.12 | 3/4 | 543.82 | 3/4 | 901.19 | 3/4 | 1,302.49 | 3/4 | 1,736.70 | 3/4 | 2,195.55 | 3/4 | 2,671.76 | 3/4 | 3,158.92 | 3/4 | 3,651.08 | 3/4 |
| 5 | 40.81 | 251.50 | 5 | 550.69 | 5 | 909.12 | 5 | 1,311.21 | 5 | 1,746.02 | 5 | 2,205.31 | 5 | 2,681.81 | 5 | 3,169.14 | 5 | 3,661.33 | 5 |
| 1/4 | 43.99 | 257.03 | 1/4 | 557.65 | 1/4 | 917.12 | 1/4 | 1,319.99 | 1/4 | 1,755.39 | 1/4 | 2,215.10 | 1/4 | 2,691.88 | 1/4 | 3,179.37 | 1/4 | 3,671.60 | 1/4 |
| 1/2 | 47.18 | 262.56 | 1/2 | 564.62 | 1/2 | 925.12 | 1/2 | 1,328.77 | 1/2 | 1,764.75 | 1/2 | 2,224.88 | 1/2 | 2,701.95 | 1/2 | 3,189.60 | 1/2 | 3,681.86 | 1/2 |
| 3/4 | 50.36 | 268.09 | 3/4 | 571.58 | 3/4 | 933.12 | 3/4 | 1,337.55 | 3/4 | 1,774.11 | 3/4 | 2,234.67 | 3/4 | 2,712.02 | 3/4 | 3,199.82 | 3/4 | 3,692.12 | 3/4 |
| 6 | 53.55 | 273.62 | 6 | 578.55 | 6 | 941.12 | 6 | 1,346.33 | 6 | 1,783.48 | 6 | 2,244.45 | 6 | 2,722.10 | 6 | 3,210.05 | 6 | 3,702.38 | 6 |
| 1/4 | 57.01 | 279.29 | 1/4 | 585.61 | 1/4 | 949.20 | 1/4 | 1,355.14 | 1/4 | 1,792.88 | 1/4 | 2,254.27 | 1/4 | 2,732.18 | 1/4 | 3,220.29 | 1/4 | 3,712.64 | 1/4 |
| 1/2 | 60.48 | 284.96 | 1/2 | 592.68 | 1/2 | 957.27 | 1/2 | 1,363.95 | 1/2 | 1,802.29 | 1/2 | 2,264.08 | 1/2 | 2,742.27 | 1/2 | 3,230.52 | 1/2 | 3,722.90 | 1/2 |
| 3/4 | 63.94 | 290.64 | 3/4 | 599.74 | 3/4 | 965.35 | 3/4 | 1,372.76 | 3/4 | 1,811.69 | 3/4 | 2,273.90 | 3/4 | 2,752.36 | 3/4 | 3,240.76 | 3/4 | 3,733.17 | 3/4 |
| 7 | 67.40 | 296.31 | 7 | 606.81 | 7 | 973.43 | 7 | 1,381.57 | 7 | 1,821.10 | 7 | 2,283.71 | 7 | 2,762.45 | 7 | 3,251.00 | 7 | 3,743.43 | 7 |
| 1/4 | 71.11 | 302.12 | 1/4 | 613.98 | 1/4 | 981.58 | 1/4 | 1,390.46 | 1/4 | 1,830.54 | 1/4 | 2,293.56 | 1/4 | 2,772.55 | 1/4 | 3,261.24 | 1/4 | 3,753.68 | 1/4 |
| 1/2 | 74.82 | 307.93 | 1/2 | 621.14 | 1/2 | 989.73 | 1/2 | 1,399.35 | 1/2 | 1,839.98 | 1/2 | 2,303.40 | 1/2 | 2,782.65 | 1/2 | 3,271.48 | 1/2 | 3,763.94 | 1/2 |
| 3/4 | 78.53 | 313.74 | 3/4 | 628.31 | 3/4 | 997.88 | 3/4 | 1,408.23 | 3/4 | 1,849.42 | 3/4 | 2,313.25 | 3/4 | 2,792.76 | 3/4 | 3,281.71 | 3/4 | 3,774.20 | 3/4 |
| 8 | 82.24 | 319.55 | 8 | 635.48 | 8 | 1,006.02 | 8 | 1,417.12 | 8 | 1,858.86 | 8 | 2,323.10 | 8 | 2,802.86 | 8 | 3,291.95 | 8 | 3,784.45 | 8 |
| 1/4 | 86.17 | 325.49 | 1/4 | 642.73 | 1/4 | 1,014.24 | 1/4 | 1,426.06 | 1/4 | 1,868.34 | 1/4 | 2,332.96 | 1/4 | 2,812.98 | 1/4 | 3,302.20 | 1/4 | 3,794.70 | 1/4 |
| 1/2 | 90.11 | 331.44 | 1/2 | 649.99 | 1/2 | 1,022.46 | 1/2 | 1,435.00 | 1/2 | 1,877.82 | 1/2 | 2,342.83 | 1/2 | 2,823.11 | 1/2 | 3,312.45 | 1/2 | 3,804.95 | 1/2 |
| 3/4 | 94.04 | 337.39 | 3/4 | 657.24 | 3/4 | 1,030.68 | 3/4 | 1,443.94 | 3/4 | 1,887.30 | 3/4 | 2,352.70 | 3/4 | 2,833.23 | 3/4 | 3,322.70 | 3/4 | 3,815.20 | 3/4 |
| 9 | 97.98 | 343.33 | 9 | 664.50 | 9 | 1,038.90 | 9 | 1,452.88 | 9 | 1,896.79 | 9 | 2,362.57 | 9 | 2,843.36 | 9 | 3,332.95 | 9 | 3,825.45 | 9 |
| 1/4 | 102.13 | 349.40 | 1/4 | 671.85 | 1/4 | 1,047.19 | 1/4 | 1,461.87 | 1/4 | 1,906.31 | 1/4 | 2,372.46 | 1/4 | 2,853.49 | 1/4 | 3,343.20 | 1/4 | 3,835.70 | 1/4 |
| 1/2 | 106.29 | 355.48 | 1/2 | 679.19 | 1/2 | 1,055.48 | 1/2 | 1,470.87 | 1/2 | 1,915.83 | 1/2 | 2,382.36 | 1/2 | 2,863.63 | 1/2 | 3,353.45 | 1/2 | 3,845.95 | 1/2 |
| 3/4 | 110.44 | 361.55 | 3/4 | 686.54 | 3/4 | 1,063.76 | 3/4 | 1,479.86 | 3/4 | 1,925.36 | 3/4 | 2,392.25 | 3/4 | 2,873.77 | 3/4 | 3,363.70 | 3/4 | 3,856.20 | 3/4 |
| 10 | 114.60 | 367.62 | 10 | 693.88 | 10 | 1,072.05 | 10 | 1,488.86 | 10 | 1,934.88 | 10 | 2,402.14 | 10 | 2,883.90 | 10 | 3,373.95 | 10 | 3,866.45 | 10 |
| 1/4 | 118.95 | 373.81 | 1/4 | 701.32 | 1/4 | 1,080.40 | 1/4 | 1,497.90 | 1/4 | 1,944.43 | 1/4 | 2,412.07 | 1/4 | 2,894.21 | 1/4 | 3,384.21 | 1/4 | 3,876.69 | 1/4 |
| 1/2 | 123.31 | 380.00 | 1/2 | 708.76 | 1/2 | 1,088.75 | 1/2 | 1,506.94 | 1/2 | 1,953.99 | 1/2 | 2,421.99 | 1/2 | 2,904.20 | 1/2 | 3,394.48 | 1/2 | 3,886.93 | 1/2 |
| 3/4 | 127.67 | 386.19 | 3/4 | 716.20 | 3/4 | 1,097.10 | 3/4 | 1,515.98 | 3/4 | 1,963.54 | 3/4 | 2,431.91 | 3/4 | 2,914.35 | 3/4 | 3,404.74 | 3/4 | 3,897.17 | 3/4 |
| 11 | 132.02 | 392.38 | 11 | 723.64 | 11 | 1,105.45 | 11 | 1,525.02 | 11 | 1,973.10 | 11 | 2,441.83 | 11 | 2,924.50 | 11 | 3,415.00 | 11 | 3,907.40 | 11 |
| 1/4 | 136.57 | 398.70 | 1/4 | 731.16 | 1/4 | 1,113.88 | 1/4 | 1,534.12 | 1/4 | 1,982.69 | 1/4 | 2,451.77 | 1/4 | 2,934.67 | 1/4 | 3,425.26 | 1/4 | 3,917.64 | 1/4 |
| 1/2 | 141.12 | 405.01 | 1/2 | 738.68 | 1/2 | 1,122.30 | 1/2 | 1,543.21 | 1/2 | 1,992.29 | 1/2 | 2,461.71 | 1/2 | 2,944.83 | 1/2 | 3,435.51 | 1/2 | 3,927.88 | 1/2 |
| 3/4 | 145.67 | 411.33 | 3/4 | 746.20 | 3/4 | 1,130.72 | 3/4 | 1,552.31 | 3/4 | 2,001.88 | 3/4 | 2,471.65 | 3/4 | 2,955.00 | 3/4 | 3,445.77 | 3/4 | 3,938.12 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2551

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "USL 147"

PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| | 10 FT. | 11 FT. | 12 FT. | 13 FT. | 14 FT. | 15 FT. | 16 FT. | 17 FT. | 18 FT. | 19 FT. |
|-----|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
| 0 | 3,948.36 | 0 | 4,913.95 | 0 | 5,812.07 | 0 | 6,579.86 | 0 | 6,884.79 | 0 |
| 1/4 | 3,958.58 | 1/4 | 4,923.74 | 1/4 | 5,820.85 | 1/4 | 6,586.82 | 1/4 | 6,890.32 | 1/4 |
| 1/2 | 3,968.81 | 1/2 | 4,933.52 | 1/2 | 5,828.63 | 1/2 | 6,593.79 | 1/2 | 6,895.85 | 1/2 |
| 3/4 | 3,979.04 | 3/4 | 4,943.31 | 3/4 | 5,838.41 | 3/4 | 6,600.75 | 3/4 | 6,901.38 | 3/4 |
| 1 | 3,989.26 | 1 | 4,953.10 | 1 | 5,847.19 | 1 | 6,607.71 | 1 | 6,906.90 | 1 |
| 1/4 | 3,999.48 | 1/4 | 4,962.85 | 1/4 | 5,855.92 | 1/4 | 6,614.58 | 1/4 | 6,912.29 | 1/4 |
| 1/2 | 4,009.70 | 1/2 | 4,972.61 | 1/2 | 5,864.64 | 1/2 | 6,621.45 | 1/2 | 6,917.67 | 1/2 |
| 3/4 | 4,019.92 | 3/4 | 4,982.36 | 3/4 | 5,873.37 | 3/4 | 6,628.32 | 3/4 | 6,923.05 | 3/4 |
| 2 | 4,030.14 | 2 | 4,992.12 | 2 | 5,882.10 | 2 | 6,635.19 | 2 | 6,928.43 | 2 |
| 1/4 | 4,040.35 | 1/4 | 5,001.85 | 1/4 | 5,890.76 | 1/4 | 6,641.95 | 1/4 | 6,933.66 | 1/4 |
| 1/2 | 4,050.56 | 1/2 | 5,011.57 | 1/2 | 5,899.42 | 1/2 | 6,648.71 | 1/2 | 6,938.89 | 1/2 |
| 3/4 | 4,060.77 | 3/4 | 5,021.30 | 3/4 | 5,908.08 | 3/4 | 6,655.48 | 3/4 | 6,944.13 | 3/4 |
| 3 | 4,070.98 | 3 | 5,031.02 | 3 | 5,916.74 | 3 | 6,662.24 | 3 | 6,949.36 | 3 |
| 1/4 | 4,081.18 | 1/4 | 5,040.71 | 1/4 | 5,925.35 | 1/4 | 6,668.99 | 1/4 | 6,954.43 | 1/4 |
| 1/2 | 4,091.38 | 1/2 | 5,050.40 | 1/2 | 5,933.95 | 1/2 | 6,675.55 | 1/2 | 6,959.50 | 1/2 |
| 3/4 | 4,101.58 | 3/4 | 5,060.10 | 3/4 | 5,942.56 | 3/4 | 6,682.20 | 3/4 | 6,964.57 | 3/4 |
| 4 | 4,111.79 | 4 | 5,069.79 | 4 | 5,951.17 | 4 | 6,688.86 | 4 | 6,969.64 | 4 |
| 1/4 | 4,121.97 | 1/4 | 5,079.45 | 1/4 | 5,959.71 | 1/4 | 6,695.40 | 1/4 | 6,974.55 | 1/4 |
| 1/2 | 4,132.15 | 1/2 | 5,089.11 | 1/2 | 5,968.26 | 1/2 | 6,701.94 | 1/2 | 6,979.45 | 1/2 |
| 3/4 | 4,142.34 | 3/4 | 5,098.77 | 3/4 | 5,976.81 | 3/4 | 6,708.48 | 3/4 | 6,984.36 | 3/4 |
| 5 | 4,152.52 | 5 | 5,108.43 | 5 | 5,985.36 | 5 | 6,715.02 | 5 | 6,989.26 | 5 |
| 1/4 | 4,162.70 | 1/4 | 5,118.06 | 1/4 | 5,993.83 | 1/4 | 6,721.46 | 1/4 | 6,993.99 | 1/4 |
| 1/2 | 4,172.88 | 1/2 | 5,127.69 | 1/2 | 5,998.31 | 1/2 | 6,727.89 | 1/2 | 6,998.73 | 1/2 |
| 3/4 | 4,183.06 | 3/4 | 5,137.32 | 3/4 | 6,002.79 | 3/4 | 6,734.33 | 3/4 | 7,003.46 | 3/4 |
| 6 | 4,193.24 | 6 | 5,146.95 | 6 | 6,009.26 | 6 | 6,740.76 | 6 | 7,008.19 | 6 |
| 1/4 | 4,203.40 | 1/4 | 5,156.54 | 1/4 | 6,017.68 | 1/4 | 6,747.08 | 1/4 | 7,012.74 | 1/4 |
| 1/2 | 4,213.57 | 1/2 | 5,166.13 | 1/2 | 6,026.11 | 1/2 | 6,753.39 | 1/2 | 7,017.29 | 1/2 |
| 3/4 | 4,223.74 | 3/4 | 5,175.72 | 3/4 | 6,034.53 | 3/4 | 6,759.71 | 3/4 | 7,021.83 | 3/4 |
| 7 | 4,233.90 | 7 | 5,185.31 | 7 | 6,042.95 | 7 | 6,766.02 | 7 | 7,026.38 | 7 |
| 1/4 | 4,244.05 | 1/4 | 5,194.87 | 1/4 | 6,051.30 | 1/4 | 6,772.21 | 1/4 | 7,030.74 | 1/4 |
| 1/2 | 4,254.20 | 1/2 | 5,204.43 | 1/2 | 6,059.65 | 1/2 | 6,778.40 | 1/2 | 7,035.10 | 1/2 |
| 3/4 | 4,264.35 | 3/4 | 5,213.99 | 3/4 | 6,068.01 | 3/4 | 6,784.60 | 3/4 | 7,039.45 | 3/4 |
| 8 | 4,274.50 | 8 | 5,223.55 | 8 | 6,076.36 | 8 | 6,790.79 | 8 | 7,043.81 | 8 |
| 1/4 | 4,284.64 | 1/4 | 5,233.07 | 1/4 | 6,084.64 | 1/4 | 6,796.86 | 1/4 | 7,047.96 | 1/4 |
| 1/2 | 4,294.77 | 1/2 | 5,242.58 | 1/2 | 6,102.93 | 1/2 | 6,802.93 | 1/2 | 7,052.12 | 1/2 |
| 3/4 | 4,304.91 | 3/4 | 5,252.10 | 3/4 | 6,111.21 | 3/4 | 6,809.00 | 3/4 | 7,056.27 | 3/4 |
| 9 | 4,315.05 | 9 | 5,261.62 | 9 | 6,119.50 | 9 | 6,815.07 | 9 | 7,060.43 | 9 |
| 1/4 | 4,325.17 | 1/4 | 5,271.10 | 1/4 | 6,127.72 | 1/4 | 6,821.02 | 1/4 | 7,064.37 | 1/4 |
| 1/2 | 4,335.30 | 1/2 | 5,280.58 | 1/2 | 6,135.94 | 1/2 | 6,826.96 | 1/2 | 7,068.31 | 1/2 |
| 3/4 | 4,345.42 | 3/4 | 5,290.07 | 3/4 | 6,144.16 | 3/4 | 6,832.91 | 3/4 | 7,072.25 | 3/4 |
| 10 | 4,355.55 | 10 | 5,299.55 | 10 | 6,152.33 | 10 | 6,838.86 | 10 | 7,076.19 | 10 |
| 1/4 | 4,365.65 | 1/4 | 5,308.99 | 1/4 | 6,160.53 | 1/4 | 6,844.67 | 1/4 | 7,079.89 | 1/4 |
| 1/2 | 4,375.75 | 1/2 | 5,318.43 | 1/2 | 6,168.68 | 1/2 | 6,850.48 | 1/2 | 7,083.60 | 1/2 |
| 3/4 | 4,385.85 | 3/4 | 5,327.87 | 3/4 | 6,176.83 | 3/4 | 6,856.29 | 3/4 | 7,087.30 | 3/4 |
| 11 | 4,395.95 | 11 | 5,337.31 | 11 | 6,184.98 | 11 | 6,862.10 | 11 | 7,091.00 | 11 |
| 1/4 | 4,406.04 | 1/4 | 5,346.71 | 1/4 | 6,193.05 | 1/4 | 6,867.77 | 1/4 | 7,094.46 | 1/4 |
| 1/2 | 4,416.13 | 1/2 | 5,356.12 | 1/2 | 6,201.13 | 1/2 | 6,873.44 | 1/2 | 7,097.93 | 1/2 |
| 3/4 | 4,426.22 | 3/4 | 5,365.52 | 3/4 | 6,209.21 | 3/4 | 6,879.11 | 3/4 | 7,101.39 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/1978 EWS
RECALCULATED: 10/05/2011 CL
REPRINTED: 10/05/2011 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2011

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77568
http://www.pmacorp.net



BARGE "USL 147"

STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| | 0 FT. | 1 FT. | 2 FT. | 3 FT. | 4 FT. | 5 FT. | 6 FT. | 7 FT. | 8 FT. | 9 FT. |
|-----|--------|--------|--------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0.00 | 150.05 | 417.20 | 752.91 | 1,137.93 | 1,559.74 | 2,009.34 | 2,478.95 | 2,962.01 | 3,452.35 |
| 1/4 | 0.92 | 154.78 | 423.63 | 760.52 | 1,146.40 | 1,568.88 | 2,018.95 | 2,488.91 | 2,972.18 | 3,462.60 |
| 1/2 | 1.84 | 159.51 | 430.05 | 768.12 | 1,154.88 | 1,578.01 | 2,028.56 | 2,498.87 | 2,982.35 | 3,472.85 |
| 3/4 | 2.76 | 164.24 | 436.48 | 775.73 | 1,163.35 | 1,587.14 | 2,038.18 | 2,508.83 | 2,992.51 | 3,483.10 |
| 1 | 3.69 | 168.96 | 442.91 | 783.33 | 1,171.82 | 1,596.28 | 2,047.79 | 2,518.79 | 3,002.68 | 3,493.35 |
| 1/4 | 5.36 | 173.86 | 449.44 | 791.01 | 1,180.36 | 1,605.45 | 2,057.44 | 2,528.77 | 3,012.86 | 3,503.61 |
| 1/2 | 7.03 | 178.76 | 455.98 | 798.70 | 1,188.89 | 1,614.62 | 2,067.10 | 2,538.75 | 3,023.03 | 3,513.86 |
| 3/4 | 8.70 | 183.66 | 462.51 | 806.38 | 1,197.42 | 1,623.80 | 2,076.75 | 2,548.72 | 3,033.20 | 3,524.12 |
| 2 | 10.37 | 188.56 | 469.05 | 814.06 | 1,205.95 | 1,632.97 | 2,086.40 | 2,558.70 | 3,043.38 | 3,534.38 |
| 1/4 | 12.53 | 193.63 | 475.70 | 821.82 | 1,214.55 | 1,642.20 | 2,096.08 | 2,568.70 | 3,053.57 | 3,544.63 |
| 1/2 | 14.69 | 198.69 | 482.34 | 829.58 | 1,223.15 | 1,651.42 | 2,105.76 | 2,578.70 | 3,063.76 | 3,554.89 |
| 3/4 | 16.85 | 203.76 | 488.99 | 837.34 | 1,231.75 | 1,660.64 | 2,115.44 | 2,588.71 | 3,073.95 | 3,565.15 |
| 3 | 19.00 | 208.83 | 495.64 | 845.10 | 1,240.35 | 1,669.86 | 2,125.12 | 2,598.71 | 3,084.14 | 3,575.40 |
| 1/4 | 21.55 | 214.05 | 502.39 | 852.94 | 1,249.00 | 1,679.13 | 2,134.83 | 2,608.73 | 3,094.34 | 3,585.67 |
| 1/2 | 24.11 | 219.28 | 509.15 | 860.79 | 1,257.65 | 1,688.39 | 2,144.55 | 2,618.75 | 3,104.54 | 3,595.93 |
| 3/4 | 26.66 | 224.51 | 515.90 | 868.63 | 1,266.30 | 1,697.66 | 2,154.26 | 2,628.76 | 3,114.73 | 3,606.19 |
| 4 | 29.21 | 229.73 | 522.66 | 876.47 | 1,274.95 | 1,706.92 | 2,163.98 | 2,638.78 | 3,124.93 | 3,616.46 |
| 1/4 | 32.10 | 235.11 | 529.52 | 884.39 | 1,283.67 | 1,716.23 | 2,173.73 | 2,648.83 | 3,135.14 | 3,626.70 |
| 1/2 | 34.99 | 240.48 | 536.38 | 892.31 | 1,292.39 | 1,725.54 | 2,183.47 | 2,658.87 | 3,145.35 | 3,636.95 |
| 3/4 | 37.88 | 245.86 | 543.24 | 900.23 | 1,301.10 | 1,734.85 | 2,193.22 | 2,668.91 | 3,155.56 | 3,647.19 |
| 5 | 40.77 | 251.23 | 550.10 | 908.15 | 1,309.82 | 1,744.17 | 2,202.96 | 2,678.96 | 3,165.77 | 3,657.44 |
| 1/4 | 43.95 | 256.76 | 557.06 | 916.14 | 1,318.59 | 1,753.52 | 2,212.74 | 2,689.02 | 3,175.98 | 3,667.69 |
| 1/2 | 47.13 | 262.28 | 564.02 | 924.13 | 1,327.36 | 1,762.87 | 2,222.51 | 2,699.08 | 3,186.20 | 3,677.94 |
| 3/4 | 50.31 | 267.80 | 570.98 | 932.13 | 1,336.13 | 1,772.22 | 2,232.29 | 2,709.14 | 3,196.42 | 3,688.19 |
| 6 | 53.49 | 273.33 | 577.93 | 940.12 | 1,344.90 | 1,781.58 | 2,242.06 | 2,719.20 | 3,206.63 | 3,698.44 |
| 1/4 | 56.95 | 278.99 | 584.99 | 948.19 | 1,353.70 | 1,790.97 | 2,251.87 | 2,729.26 | 3,216.86 | 3,708.69 |
| 1/2 | 60.41 | 284.66 | 592.05 | 956.25 | 1,362.50 | 1,800.37 | 2,261.67 | 2,739.36 | 3,227.09 | 3,718.94 |
| 3/4 | 63.87 | 290.33 | 599.11 | 964.32 | 1,371.30 | 1,809.76 | 2,271.48 | 2,749.43 | 3,237.31 | 3,729.19 |
| 7 | 67.33 | 295.99 | 606.16 | 972.39 | 1,380.10 | 1,819.16 | 2,281.28 | 2,759.51 | 3,247.54 | 3,739.44 |
| 1/4 | 71.04 | 301.80 | 613.32 | 980.53 | 1,388.98 | 1,828.59 | 2,291.12 | 2,769.60 | 3,257.77 | 3,749.69 |
| 1/2 | 74.74 | 307.60 | 620.48 | 988.67 | 1,397.86 | 1,838.02 | 2,300.95 | 2,779.69 | 3,267.99 | 3,759.93 |
| 3/4 | 78.45 | 313.40 | 627.64 | 996.81 | 1,406.73 | 1,847.45 | 2,310.79 | 2,789.78 | 3,278.22 | 3,770.18 |
| 8 | 82.15 | 319.21 | 634.80 | 1,004.95 | 1,415.61 | 1,856.88 | 2,320.62 | 2,799.87 | 3,288.45 | 3,780.42 |
| 1/4 | 86.08 | 325.15 | 642.05 | 1,013.16 | 1,424.54 | 1,866.35 | 2,330.48 | 2,809.99 | 3,298.69 | 3,790.66 |
| 1/2 | 90.01 | 331.09 | 649.30 | 1,021.38 | 1,433.47 | 1,875.82 | 2,340.34 | 2,820.10 | 3,308.93 | 3,800.90 |
| 3/4 | 93.94 | 337.03 | 656.54 | 1,029.59 | 1,442.40 | 1,885.29 | 2,350.20 | 2,830.22 | 3,319.17 | 3,811.14 |
| 9 | 97.87 | 342.97 | 663.79 | 1,037.80 | 1,451.33 | 1,894.77 | 2,360.06 | 2,840.33 | 3,329.40 | 3,821.38 |
| 1/4 | 102.02 | 349.03 | 671.13 | 1,046.08 | 1,460.32 | 1,904.28 | 2,369.94 | 2,850.46 | 3,339.64 | 3,831.62 |
| 1/2 | 106.17 | 355.10 | 678.47 | 1,054.35 | 1,469.30 | 1,913.79 | 2,379.82 | 2,860.58 | 3,349.88 | 3,841.86 |
| 3/4 | 110.32 | 361.16 | 685.81 | 1,062.63 | 1,478.29 | 1,923.31 | 2,389.70 | 2,870.71 | 3,360.12 | 3,852.10 |
| 10 | 114.47 | 367.23 | 693.14 | 1,070.91 | 1,487.27 | 1,932.82 | 2,399.59 | 2,880.84 | 3,370.36 | 3,862.34 |
| 1/4 | 118.83 | 373.41 | 700.58 | 1,079.25 | 1,496.30 | 1,942.37 | 2,409.50 | 2,890.97 | 3,380.61 | 3,872.56 |
| 1/2 | 123.18 | 379.60 | 708.01 | 1,087.59 | 1,505.34 | 1,951.91 | 2,419.41 | 2,901.11 | 3,390.86 | 3,882.79 |
| 3/4 | 127.53 | 385.78 | 715.44 | 1,095.93 | 1,514.37 | 1,961.45 | 2,429.32 | 2,911.25 | 3,401.11 | 3,893.02 |
| 11 | 131.88 | 391.96 | 722.87 | 1,104.28 | 1,523.40 | 1,971.00 | 2,439.23 | 2,921.39 | 3,411.37 | 3,903.25 |
| 1/4 | 136.43 | 398.27 | 730.38 | 1,112.69 | 1,532.49 | 1,980.58 | 2,449.16 | 2,931.54 | 3,421.61 | 3,913.47 |
| 1/2 | 140.97 | 404.58 | 737.89 | 1,121.10 | 1,541.57 | 1,990.17 | 2,459.09 | 2,941.70 | 3,431.86 | 3,923.70 |
| 3/4 | 145.51 | 410.89 | 745.40 | 1,129.52 | 1,550.66 | 1,999.75 | 2,469.02 | 2,951.85 | 3,442.10 | 3,933.93 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IPIIMS CHAPTER 2551
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "USL 147"

STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| | 10 FT. | 11 FT. | 12 FT. | 13 FT. | 14 FT. | 15 FT. | 16 FT. | 17 FT. | 18 FT. | 19 FT. |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| 0 | 3,944.15 | 4,431.59 | 4,908.72 | 5,389.21 | 5,805.89 | 6,210.67 | 6,572.85 | 6,877.46 | 7,097.29 | 0 |
| 1/4 | 3,954.37 | 4,441.65 | 4,918.50 | 5,378.56 | 5,814.66 | 6,218.66 | 6,579.81 | 6,882.98 | 7,100.48 | 1/4 |
| 1/2 | 3,964.59 | 4,451.71 | 4,928.27 | 5,387.91 | 5,823.43 | 6,226.65 | 6,586.77 | 6,888.51 | 7,103.66 | 1/2 |
| 3/4 | 3,974.80 | 4,461.77 | 4,938.05 | 5,397.27 | 5,832.20 | 6,234.64 | 6,593.72 | 6,894.03 | 7,106.84 | 3/4 |
| 1 | 3,985.02 | 4,471.83 | 4,947.82 | 5,406.62 | 5,840.97 | 6,242.63 | 6,600.68 | 6,899.55 | 7,110.02 | 1 |
| 1/4 | 3,995.22 | 4,481.87 | 4,957.57 | 5,415.93 | 5,849.68 | 6,250.55 | 6,607.54 | 6,904.93 | 7,112.91 | 1/4 |
| 1/2 | 4,005.43 | 4,491.92 | 4,967.31 | 5,425.24 | 5,858.40 | 6,258.47 | 6,614.40 | 6,910.30 | 7,115.80 | 1/2 |
| 3/4 | 4,015.64 | 4,501.96 | 4,977.06 | 5,434.55 | 5,867.12 | 6,266.39 | 6,621.27 | 6,915.68 | 7,118.69 | 3/4 |
| 2 | 4,025.85 | 4,512.00 | 4,986.81 | 5,443.87 | 5,875.83 | 6,274.31 | 6,628.13 | 6,921.05 | 7,121.58 | 2 |
| 1/4 | 4,036.05 | 4,522.02 | 4,996.52 | 5,453.13 | 5,884.49 | 6,282.16 | 6,634.88 | 6,926.28 | 7,124.13 | 1/4 |
| 1/2 | 4,046.25 | 4,532.04 | 5,006.24 | 5,462.39 | 5,893.14 | 6,290.00 | 6,641.64 | 6,931.51 | 7,126.68 | 1/2 |
| 3/4 | 4,056.45 | 4,542.06 | 5,015.95 | 5,471.66 | 5,901.79 | 6,297.84 | 6,648.39 | 6,936.73 | 7,129.23 | 3/4 |
| 3 | 4,066.64 | 4,552.08 | 5,025.67 | 5,480.92 | 5,910.44 | 6,305.69 | 6,655.15 | 6,941.96 | 7,131.78 | 3 |
| 1/4 | 4,076.83 | 4,562.08 | 5,035.35 | 5,490.14 | 5,919.04 | 6,313.45 | 6,661.79 | 6,947.03 | 7,133.94 | 1/4 |
| 1/2 | 4,087.03 | 4,572.08 | 5,045.03 | 5,499.37 | 5,927.64 | 6,321.21 | 6,668.44 | 6,952.09 | 7,136.10 | 1/2 |
| 3/4 | 4,097.22 | 4,582.08 | 5,054.71 | 5,508.59 | 5,936.23 | 6,328.96 | 6,675.09 | 6,957.16 | 7,138.26 | 3/4 |
| 4 | 4,107.41 | 4,592.08 | 5,064.39 | 5,517.81 | 5,944.83 | 6,336.72 | 6,681.74 | 6,962.22 | 7,140.42 | 4 |
| 1/4 | 4,117.58 | 4,602.06 | 5,074.04 | 5,526.99 | 5,953.37 | 6,344.41 | 6,688.27 | 6,967.12 | 7,142.09 | 1/4 |
| 1/2 | 4,127.76 | 4,612.04 | 5,083.69 | 5,536.17 | 5,961.91 | 6,352.09 | 6,694.81 | 6,972.02 | 7,143.76 | 1/2 |
| 3/4 | 4,137.93 | 4,622.02 | 5,093.34 | 5,545.35 | 5,970.45 | 6,359.77 | 6,701.34 | 6,976.92 | 7,145.43 | 3/4 |
| 5 | 4,148.10 | 4,631.99 | 5,102.99 | 5,554.53 | 5,978.99 | 6,367.45 | 6,707.88 | 6,981.82 | 7,147.10 | 5 |
| 1/4 | 4,158.27 | 4,641.95 | 5,112.61 | 5,563.66 | 5,987.45 | 6,375.06 | 6,714.30 | 6,986.55 | 7,148.02 | 1/4 |
| 1/2 | 4,168.44 | 4,651.91 | 5,122.23 | 5,572.79 | 5,995.92 | 6,382.66 | 6,720.73 | 6,991.28 | 7,148.94 | 1/2 |
| 3/4 | 4,178.61 | 4,661.87 | 5,131.85 | 5,581.92 | 6,004.39 | 6,390.27 | 6,727.16 | 6,996.00 | 7,149.86 | 3/4 |
| 6 | 4,188.77 | 4,671.83 | 5,141.47 | 5,591.04 | 6,012.86 | 6,397.87 | 6,733.59 | 7,000.73 | 7,150.79 | 6 |
| 1/4 | 4,198.93 | 4,681.76 | 5,151.05 | 5,600.13 | 6,021.27 | 6,405.39 | 6,739.90 | 7,005.27 | 7,151.71 | 1/4 |
| 1/2 | 4,209.09 | 4,691.69 | 5,160.63 | 5,609.21 | 6,029.68 | 6,412.91 | 6,746.20 | 7,009.82 | 7,152.63 | 1/2 |
| 3/4 | 4,219.24 | 4,701.62 | 5,170.21 | 5,618.30 | 6,038.10 | 6,420.42 | 6,752.51 | 7,014.36 | 7,153.55 | 3/4 |
| 7 | 4,229.40 | 4,711.55 | 5,179.79 | 5,627.38 | 6,046.51 | 6,427.94 | 6,758.82 | 7,018.90 | 7,154.47 | 7 |
| 1/4 | 4,239.54 | 4,721.46 | 5,189.34 | 5,636.42 | 6,054.85 | 6,435.36 | 6,765.01 | 7,023.25 | 7,155.39 | 1/4 |
| 1/2 | 4,249.67 | 4,731.38 | 5,198.89 | 5,645.45 | 6,063.19 | 6,442.79 | 6,771.19 | 7,027.61 | 7,156.31 | 1/2 |
| 3/4 | 4,259.81 | 4,741.29 | 5,208.44 | 5,654.48 | 6,071.54 | 6,450.22 | 6,777.37 | 7,031.96 | 7,157.23 | 3/4 |
| 8 | 4,269.95 | 4,751.20 | 5,217.99 | 5,663.51 | 6,079.88 | 6,457.64 | 6,783.56 | 7,036.31 | 7,158.15 | 8 |
| 1/4 | 4,280.08 | 4,761.09 | 5,227.50 | 5,672.50 | 6,088.16 | 6,464.98 | 6,789.62 | 7,040.46 | 7,159.07 | 1/4 |
| 1/2 | 4,290.20 | 4,770.98 | 5,237.00 | 5,681.48 | 6,096.43 | 6,472.32 | 6,795.69 | 7,044.61 | 7,160.00 | 1/2 |
| 3/4 | 4,300.33 | 4,780.86 | 5,246.51 | 5,690.47 | 6,104.71 | 6,479.66 | 6,801.75 | 7,048.76 | 7,160.92 | 3/4 |
| 9 | 4,310.45 | 4,790.75 | 5,256.02 | 5,699.45 | 6,112.99 | 6,486.99 | 6,807.82 | 7,052.91 | 7,161.84 | 9 |
| 1/4 | 4,320.57 | 4,800.61 | 5,265.49 | 5,708.38 | 6,121.20 | 6,494.24 | 6,813.76 | 7,056.85 | 7,162.76 | 1/4 |
| 1/2 | 4,330.68 | 4,810.47 | 5,274.96 | 5,717.31 | 6,129.41 | 6,501.49 | 6,819.70 | 7,060.79 | 7,163.68 | 1/2 |
| 3/4 | 4,340.80 | 4,820.33 | 5,284.43 | 5,726.24 | 6,137.62 | 6,508.74 | 6,825.64 | 7,064.72 | 7,164.60 | 3/4 |
| 10 | 4,350.91 | 4,830.19 | 5,293.91 | 5,735.17 | 6,145.83 | 6,515.99 | 6,831.58 | 7,068.66 | 7,165.52 | 10 |
| 1/4 | 4,361.00 | 4,840.02 | 5,303.34 | 5,744.05 | 6,153.97 | 6,523.14 | 6,837.38 | 7,072.36 | 7,166.44 | 1/4 |
| 1/2 | 4,371.09 | 4,849.84 | 5,312.77 | 5,752.93 | 6,162.11 | 6,530.30 | 6,843.18 | 7,076.06 | 7,167.36 | 1/2 |
| 3/4 | 4,381.18 | 4,859.67 | 5,322.20 | 5,761.81 | 6,170.25 | 6,537.46 | 6,848.99 | 7,079.75 | 7,168.28 | 3/4 |
| 11 | 4,391.27 | 4,869.50 | 5,331.63 | 5,770.68 | 6,178.39 | 6,544.62 | 6,854.79 | 7,083.45 | 7,169.20 | 11 |
| 1/4 | 4,401.35 | 4,879.31 | 5,341.02 | 5,779.48 | 6,186.46 | 6,551.68 | 6,860.46 | 7,087.11 | 7,170.12 | 1/4 |
| 1/2 | 4,411.43 | 4,889.11 | 5,350.42 | 5,788.28 | 6,194.53 | 6,558.74 | 6,866.12 | 7,090.37 | 7,171.04 | 1/2 |
| 3/4 | 4,421.51 | 4,898.92 | 5,359.81 | 5,797.09 | 6,202.60 | 6,565.80 | 6,871.79 | 7,093.83 | 7,171.96 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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