



BARGE "USL 146"

PORT INNAGE TABLE

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

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.00	0	150.26	0	417.79	0	753.95	0	1,139.48	0	1,562.00	0	2,012.19	0	2,482.48	0	2,966.19	0	3,457.21
1/4	0.92	1/4	154.99	1/4	424.21	1/4	761.57	1/4	1,147.96	1/4	1,571.14	1/4	2,021.82	1/4	2,492.45	1/4	2,976.37	1/4	3,467.48
1/2	1.85	1/2	159.73	1/2	430.64	1/2	769.18	1/2	1,156.45	1/2	1,580.29	1/2	2,031.45	1/2	2,502.42	1/2	2,986.55	1/2	3,477.75
3/4	2.77	3/4	164.46	3/4	437.07	3/4	776.79	3/4	1,164.94	3/4	1,589.43	3/4	2,041.08	3/4	2,512.39	3/4	2,996.73	3/4	3,488.02
1	3.69	1	169.19	1	443.50	1	784.40	1	1,173.43	1	1,598.57	1	2,050.71	1	2,522.36	1	3,006.90	1	3,498.29
1/4	5.36	1/4	174.10	1/4	450.05	1/4	792.10	1/4	1,181.98	1/4	1,607.76	1/4	2,060.38	1/4	2,532.35	1/4	3,017.10	1/4	3,508.55
1/2	7.04	1/2	179.00	1/2	456.60	1/2	799.80	1/2	1,190.52	1/2	1,616.94	1/2	2,070.04	1/2	2,542.35	1/2	3,027.29	1/2	3,518.82
3/4	8.71	3/4	183.90	3/4	463.14	3/4	807.49	3/4	1,199.07	3/4	1,626.13	3/4	2,079.70	3/4	2,552.34	3/4	3,037.48	3/4	3,529.09
2	10.38	2	188.81	2	469.69	2	815.19	2	1,207.62	2	1,635.31	2	2,089.36	2	2,562.33	2	3,047.67	2	3,539.36
1/4	12.54	1/4	193.89	1/4	476.35	1/4	822.96	1/4	1,216.23	1/4	1,644.55	1/4	2,099.05	1/4	2,572.35	1/4	3,057.88	1/4	3,549.62
1/2	14.70	1/2	198.96	1/2	483.01	1/2	830.74	1/2	1,224.83	1/2	1,653.79	1/2	2,108.75	1/2	2,582.36	1/2	3,068.08	1/2	3,559.89
3/4	16.86	3/4	204.04	3/4	489.67	3/4	838.51	3/4	1,233.44	3/4	1,663.02	3/4	2,118.45	3/4	2,592.37	3/4	3,078.29	3/4	3,570.16
3	19.02	3	209.12	3	496.33	3	846.29	3	1,242.05	3	1,672.26	3	2,128.14	3	2,602.38	3	3,088.50	3	3,580.43
1/4	21.58	1/4	214.35	1/4	503.10	1/4	854.14	1/4	1,250.71	1/4	1,681.54	1/4	2,137.88	1/4	2,612.42	1/4	3,098.71	1/4	3,590.70
1/2	24.13	1/2	219.58	1/2	509.86	1/2	861.99	1/2	1,259.38	1/2	1,690.82	1/2	2,147.61	1/2	2,622.45	1/2	3,108.92	1/2	3,600.96
3/4	26.68	3/4	224.82	3/4	516.62	3/4	869.84	3/4	1,268.05	3/4	1,700.10	3/4	2,157.34	3/4	2,632.49	3/4	3,119.12	3/4	3,611.23
4	29.24	4	230.05	4	523.38	4	877.69	4	1,276.71	4	1,709.38	4	2,167.07	4	2,642.52	4	3,129.33	4	3,621.50
1/4	32.13	1/4	235.43	1/4	530.25	1/4	885.62	1/4	1,285.44	1/4	1,718.70	1/4	2,176.83	1/4	2,652.58	1/4	3,139.56	1/4	3,631.77
1/2	35.02	1/2	240.81	1/2	537.12	1/2	893.55	1/2	1,294.17	1/2	1,728.02	1/2	2,186.58	1/2	2,662.63	1/2	3,149.79	1/2	3,642.03
3/4	37.92	3/4	246.19	3/4	543.99	3/4	901.48	3/4	1,302.89	3/4	1,737.35	3/4	2,196.34	3/4	2,672.68	3/4	3,160.01	3/4	3,652.30
5	40.81	5	251.57	5	550.86	5	909.40	5	1,311.62	5	1,746.67	5	2,206.10	5	2,682.74	5	3,170.24	5	3,662.57
1/4	44.00	1/4	257.11	1/4	557.83	1/4	917.41	1/4	1,320.40	1/4	1,756.03	1/4	2,215.89	1/4	2,692.82	1/4	3,180.46	1/4	3,672.84
1/2	47.19	1/2	262.64	1/2	564.80	1/2	925.42	1/2	1,329.18	1/2	1,765.39	1/2	2,225.68	1/2	2,702.89	1/2	3,190.69	1/2	3,683.11
3/4	50.38	3/4	268.18	3/4	571.77	3/4	933.42	3/4	1,337.96	3/4	1,774.76	3/4	2,235.47	3/4	2,712.97	3/4	3,200.92	3/4	3,693.37
6	53.57	6	273.71	6	578.74	6	941.43	6	1,346.74	6	1,784.12	6	2,245.26	6	2,723.05	6	3,211.14	6	3,703.64
1/4	57.04	1/4	279.39	1/4	585.80	1/4	949.51	1/4	1,355.58	1/4	1,793.53	1/4	2,255.08	1/4	2,733.14	1/4	3,221.38	1/4	3,713.90
1/2	60.50	1/2	285.06	1/2	592.87	1/2	957.58	1/2	1,364.42	1/2	1,802.94	1/2	2,264.89	1/2	2,743.23	1/2	3,231.62	1/2	3,724.17
3/4	63.96	3/4	290.73	3/4	599.93	3/4	965.66	3/4	1,373.26	3/4	1,812.35	3/4	2,274.71	3/4	2,753.32	3/4	3,241.86	3/4	3,734.43
7	67.43	7	296.40	7	607.00	7	973.74	7	1,382.10	7	1,821.76	7	2,284.52	7	2,763.40	7	3,252.10	7	3,744.69
1/4	71.14	1/4	302.22	1/4	614.17	1/4	981.89	1/4	1,390.99	1/4	1,831.21	1/4	2,294.37	1/4	2,773.51	1/4	3,262.35	1/4	3,754.95
1/2	74.85	1/2	308.04	1/2	621.33	1/2	990.04	1/2	1,399.88	1/2	1,840.65	1/2	2,304.21	1/2	2,783.62	1/2	3,272.60	1/2	3,765.21
3/4	78.55	3/4	313.85	3/4	628.50	3/4	998.18	3/4	1,408.77	3/4	1,850.10	3/4	2,314.06	3/4	2,793.73	3/4	3,282.85	3/4	3,775.48
8	82.26	8	319.67	8	635.67	8	1,006.33	8	1,417.67	8	1,859.55	8	2,323.90	8	2,803.83	8	3,293.10	8	3,785.74
1/4	86.20	1/4	325.61	1/4	642.93	1/4	1,014.55	1/4	1,426.61	1/4	1,869.03	1/4	2,333.78	1/4	2,813.96	1/4	3,303.35	1/4	3,795.99
1/2	90.14	1/2	331.55	1/2	650.19	1/2	1,022.77	1/2	1,435.55	1/2	1,878.51	1/2	2,343.65	1/2	2,824.08	1/2	3,313.60	1/2	3,806.25
3/4	94.08	3/4	337.49	3/4	657.45	3/4	1,030.99	3/4	1,444.49	3/4	1,887.99	3/4	2,353.53	3/4	2,834.21	3/4	3,323.85	3/4	3,816.51
9	98.02	9	343.43	9	664.71	9	1,039.21	9	1,453.43	9	1,897.48	9	2,363.40	9	2,844.33	9	3,334.10	9	3,826.76
1/4	102.17	1/4	349.50	1/4	672.06	1/4	1,047.51	1/4	1,462.43	1/4	1,907.00	1/4	2,373.30	1/4	2,854.48	1/4	3,344.35	1/4	3,837.01
1/2	106.32	1/2	355.57	1/2	679.40	1/2	1,055.80	1/2	1,471.43	1/2	1,916.52	1/2	2,383.20	1/2	2,864.62	1/2	3,354.61	1/2	3,847.26
3/4	110.47	3/4	361.64	3/4	686.75	3/4	1,064.09	3/4	1,480.43	3/4	1,926.05	3/4	2,393.10	3/4	2,874.76	3/4	3,364.86	3/4	3,857.51
10	114.62	10	367.71	10	694.10	10	1,072.38	10	1,489.43	10	1,935.57	10	2,403.00	10	2,884.90	10	3,375.12	10	3,867.76
1/4	118.98	1/4	373.91	1/4	701.54	1/4	1,080.74	1/4	1,498.48	1/4	1,945.13	1/4	2,412.92	1/4	2,895.06	1/4	3,385.38	1/4	3,878.01
1/2	123.35	1/2	380.11	1/2	708.98	1/2	1,089.10	1/2	1,507.52	1/2	1,954.69	1/2	2,422.85	1/2	2,905.21	1/2	3,395.63	1/2	3,888.25
3/4	127.71	3/4	386.30	3/4	716.42	3/4	1,097.45	3/4	1,516.57	3/4	1,964.25	3/4	2,432.77	3/4	2,915.37	3/4	3,405.89	3/4	3,898.49
11	132.07	11	392.50	11	723.86	11	1,105.81	11	1,525.62	11	1,973.81	11	2,442.69	11	2,925.52	11	3,416.14	11	3,908.74
1/4	136.62	1/4	398.82	1/4	731.38	1/4	1,114.23	1/4	1,534.71	1/4	1,983.40	1/4	2,452.64	1/4	2,935.69	1/4	3,426.41	1/4	3,918.98
1/2	141.17	1/2	405.14	1/2	738.90	1/2	1,122.64	1/2	1,543.81	1/2	1,993.00	1/2	2,462.58	1/2	2,945.86	1/2	3,436.68	1/2	3,929.21
3/4	145.71	3/4	411.46	3/4	746.43	3/4	1,131.06	3/4	1,552.90	3/4	2,002.60	3/4	2,472.53	3/4	2,956.02	3/4	3,446.95	3/4	3,939.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "USL 146"

PORT INNAGE TABLE

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

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,949.69	0	4,437.81	0	4,915.60	0	5,376.71	0	5,814.10	0	6,219.43	0	6,582.10	0	6,887.14	0	7,107.26	0	
1/4	3,959.92	1/4	4,447.88	1/4	4,925.38	1/4	5,386.08	1/4	5,822.88	1/4	6,227.43	1/4	6,589.07	1/4	6,892.67	1/4	7,110.45	1/4	
1/2	3,970.15	1/2	4,457.95	1/2	4,935.17	1/2	5,395.44	1/2	5,831.67	1/2	6,235.43	1/2	6,596.04	1/2	6,898.20	1/2	7,113.64	1/2	
3/4	3,980.39	3/4	4,468.02	3/4	4,944.95	3/4	5,404.80	3/4	5,840.45	3/4	6,243.43	3/4	6,603.01	3/4	6,903.73	3/4	7,116.83	3/4	
1	3,990.62	1	4,478.10	1	4,954.74	1	5,414.17	1	5,849.24	1	6,251.43	1	6,609.98	1	6,909.26	1	7,120.02	1	
1/4	4,000.84	1/4	4,488.15	1/4	4,964.50	1/4	5,423.49	1/4	5,857.96	1/4	6,259.36	1/4	6,616.85	1/4	6,914.65	1/4	7,122.92	1/4	
1/2	4,011.06	1/2	4,498.20	1/2	4,974.26	1/2	5,432.82	1/2	5,866.68	1/2	6,267.30	1/2	6,623.71	1/2	6,920.04	1/2	7,125.81	1/2	
3/4	4,021.28	3/4	4,508.26	3/4	4,984.02	3/4	5,442.15	3/4	5,875.40	3/4	6,275.23	3/4	6,630.58	3/4	6,925.42	3/4	7,128.70	3/4	
2	4,031.50	2	4,518.31	2	4,993.79	2	5,451.48	2	5,884.12	2	6,283.17	2	6,637.45	2	6,930.81	2	7,131.60	2	
1/4	4,041.71	1/4	4,528.35	1/4	5,003.51	1/4	5,460.76	1/4	5,892.79	1/4	6,291.02	1/4	6,644.22	1/4	6,936.04	1/4	7,134.15	1/4	
1/2	4,051.93	1/2	4,538.38	1/2	5,013.24	1/2	5,470.04	1/2	5,901.46	1/2	6,298.87	1/2	6,650.99	1/2	6,941.27	1/2	7,136.70	1/2	
3/4	4,062.14	3/4	4,548.42	3/4	5,022.96	3/4	5,479.32	3/4	5,910.14	3/4	6,306.72	3/4	6,657.76	3/4	6,946.51	3/4	7,139.26	3/4	
3	4,072.36	3	4,558.45	3	5,032.69	3	5,488.60	3	5,918.81	3	6,314.57	3	6,664.52	3	6,951.74	3	7,141.81	3	
1/4	4,082.56	1/4	4,568.47	1/4	5,042.39	1/4	5,497.83	1/4	5,927.42	1/4	6,322.35	1/4	6,671.18	1/4	6,956.81	1/4	7,143.98	1/4	
1/2	4,092.76	1/2	4,578.49	1/2	5,052.08	1/2	5,507.06	1/2	5,936.02	1/2	6,330.12	1/2	6,677.83	1/2	6,961.88	1/2	7,146.14	1/2	
3/4	4,102.96	3/4	4,588.51	3/4	5,061.78	3/4	5,516.29	3/4	5,944.63	3/4	6,337.89	3/4	6,684.49	3/4	6,966.95	3/4	7,148.31	3/4	
4	4,113.17	4	4,598.52	4	5,071.48	4	5,525.52	4	5,953.24	4	6,345.67	4	6,691.14	4	6,972.02	4	7,150.48	4	
1/4	4,123.36	1/4	4,608.51	1/4	5,081.14	1/4	5,534.71	1/4	5,961.79	1/4	6,353.36	1/4	6,697.69	1/4	6,976.93	1/4	7,152.15	1/4	
1/2	4,133.55	1/2	4,618.50	1/2	5,090.81	1/2	5,543.90	1/2	5,970.33	1/2	6,361.05	1/2	6,704.24	1/2	6,981.83	1/2	7,153.82	1/2	
3/4	4,143.74	3/4	4,628.49	3/4	5,100.48	3/4	5,553.10	3/4	5,978.88	3/4	6,368.74	3/4	6,710.79	3/4	6,986.74	3/4	7,155.49	3/4	
5	4,153.93	5	4,638.48	5	5,110.14	5	5,562.29	5	5,987.43	5	6,376.43	5	6,717.33	5	6,991.64	5	7,157.17	5	
1/4	4,164.11	1/4	4,648.45	1/4	5,119.77	1/4	5,571.43	1/4	5,995.91	1/4	6,384.04	1/4	6,723.77	1/4	6,996.38	1/4	7,158.08	1/4	
1/2	4,174.30	1/2	4,658.43	1/2	5,129.39	1/2	5,580.57	1/2	6,004.39	1/2	6,391.66	1/2	6,730.20	1/2	7,001.12	1/2	7,159.00	1/2	
3/4	4,184.48	3/4	4,668.40	3/4	5,139.02	3/4	5,589.71	3/4	6,012.88	3/4	6,399.27	3/4	6,736.64	3/4	7,005.86	3/4	7,159.92	3/4	
6	4,194.67	6	4,678.38	6	5,148.64	6	5,598.86	6	6,021.36	6	6,406.88	6	6,743.07	6	7,010.60	6	7,160.83	6	
1/4	4,204.83	1/4	4,688.33	1/4	5,158.24	1/4	5,607.95	1/4	6,029.78	1/4	6,414.41	1/4	6,749.39	1/4	7,015.14	1/4		1/4	
1/2	4,215.00	1/2	4,698.27	1/2	5,167.85	1/2	5,617.05	1/2	6,038.20	1/2	6,421.93	1/2	6,755.70	1/2	7,019.69	1/2		1/2	
3/4	4,225.17	3/4	4,708.22	3/4	5,177.45	3/4	5,626.14	3/4	6,046.63	3/4	6,429.45	3/4	6,762.02	3/4	7,024.24	3/4		3/4	
7	4,235.33	7	4,718.17	7	5,187.05	7	5,635.24	7	6,055.05	7	6,436.98	7	6,768.33	7	7,028.79	7		7	
1/4	4,245.49	1/4	4,728.09	1/4	5,196.61	1/4	5,644.29	1/4	6,063.40	1/4	6,444.42	1/4	6,774.53	1/4	7,033.14	1/4		1/4	
1/2	4,255.64	1/2	4,738.01	1/2	5,206.17	1/2	5,653.33	1/2	6,071.76	1/2	6,451.86	1/2	6,780.73	1/2	7,037.50	1/2		1/2	
3/4	4,265.80	3/4	4,747.93	3/4	5,215.73	3/4	5,662.38	3/4	6,080.12	3/4	6,459.30	3/4	6,786.92	3/4	7,041.86	3/4		3/4	
8	4,275.95	8	4,757.86	8	5,225.29	8	5,671.43	8	6,088.48	8	6,466.74	8	6,793.12	8	7,046.21	8		8	
1/4	4,286.09	1/4	4,767.76	1/4	5,234.80	1/4	5,680.42	1/4	6,096.76	1/4	6,474.09	1/4	6,799.19	1/4	7,050.37	1/4		1/4	
1/2	4,296.23	1/2	4,777.65	1/2	5,244.32	1/2	5,689.42	1/2	6,105.05	1/2	6,481.44	1/2	6,805.26	1/2	7,054.52	1/2		1/2	
3/4	4,306.36	3/4	4,787.55	3/4	5,253.84	3/4	5,698.41	3/4	6,113.33	3/4	6,488.79	3/4	6,811.33	3/4	7,058.68	3/4		3/4	
9	4,316.50	9	4,797.45	9	5,263.36	9	5,707.40	9	6,121.62	9	6,496.14	9	6,817.40	9	7,062.83	9		9	
1/4	4,326.63	1/4	4,807.32	1/4	5,272.85	1/4	5,716.35	1/4	6,129.84	1/4	6,503.40	1/4	6,823.35	1/4	7,066.77	1/4		1/4	
1/2	4,336.75	1/2	4,817.19	1/2	5,282.33	1/2	5,725.30	1/2	6,138.06	1/2	6,510.65	1/2	6,829.30	1/2	7,070.71	1/2		1/2	
3/4	4,346.88	3/4	4,827.06	3/4	5,291.82	3/4	5,734.24	3/4	6,146.28	3/4	6,517.91	3/4	6,835.24	3/4	7,074.65	3/4		3/4	
10	4,357.00	10	4,836.93	10	5,301.31	10	5,743.19	10	6,154.50	10	6,525.17	10	6,841.19	10	7,078.60	10		10	
1/4	4,367.11	1/4	4,846.77	1/4	5,310.76	1/4	5,752.08	1/4	6,162.65	1/4	6,532.33	1/4	6,847.00	1/4	7,082.30	1/4		1/4	
1/2	4,377.21	1/2	4,856.62	1/2	5,320.20	1/2	5,760.96	1/2	6,170.80	1/2	6,539.50	1/2	6,852.81	1/2	7,086.01	1/2		1/2	
3/4	4,387.32	3/4	4,866.46	3/4	5,329.65	3/4	5,769.85	3/4	6,178.95	3/4	6,546.67	3/4	6,858.62	3/4	7,089.72	3/4		3/4	
11	4,397.43	11	4,876.31	11	5,339.10	11	5,778.74	11	6,187.10	11	6,553.83	11	6,864.43	11	7,093.43	11		11	
1/4	4,407.52	1/4	4,886.13	1/4	5,348.50	1/4	5,787.58	1/4	6,195.18	1/4	6,560.90	1/4	6,870.11	1/4	7,096.89	1/4		1/4	
1/2	4,417.62	1/2	4,895.95	1/2	5,357.90	1/2	5,796.42	1/2	6,203.26	1/2	6,567.96	1/2	6,875.79	1/2	7,100.35	1/2		1/2	
3/4	4,427.71	3/4	4,905.77	3/4	5,367.31	3/4	5,805.26	3/4	6,211.35	3/4	6,575.03	3/4	6,881.46	3/4	7,103.80	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

REPRINTED: 02/01/2010 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2010



BARGE "USL 146"

STBD INNAGE TABLE

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

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.00	0	150.14	0	417.43	0	753.33	0	1,138.52	0	1,560.60	0	2,010.33	0	2,480.12	0	2,963.24	0	3,453.62
1/4	0.92	1/4	154.87	1/4	423.86	1/4	760.94	1/4	1,147.00	1/4	1,569.73	1/4	2,019.96	1/4	2,490.08	1/4	2,973.40	1/4	3,463.87
1/2	1.85	1/2	159.60	1/2	430.29	1/2	768.55	1/2	1,155.48	1/2	1,578.87	1/2	2,029.58	1/2	2,500.04	1/2	2,983.57	1/2	3,474.12
3/4	2.77	3/4	164.32	3/4	436.71	3/4	776.15	3/4	1,163.95	3/4	1,588.01	3/4	2,039.21	3/4	2,509.99	3/4	2,993.74	3/4	3,484.37
1	3.69	1	169.05	1	443.14	1	783.76	1	1,172.43	1	1,597.14	1	2,048.83	1	2,519.95	1	3,003.90	1	3,494.62
1/4	5.36	1/4	173.95	1/4	449.68	1/4	791.45	1/4	1,180.96	1/4	1,606.32	1/4	2,058.48	1/4	2,529.93	1/4	3,014.08	1/4	3,504.87
1/2	7.02	1/2	178.86	1/2	456.23	1/2	799.13	1/2	1,189.50	1/2	1,615.50	1/2	2,068.13	1/2	2,539.92	1/2	3,024.26	1/2	3,515.13
3/4	8.69	3/4	183.76	3/4	462.77	3/4	806.82	3/4	1,198.04	3/4	1,624.68	3/4	2,077.78	3/4	2,549.90	3/4	3,034.44	3/4	3,525.39
2	10.36	2	188.67	2	469.31	2	814.50	2	1,206.57	2	1,633.86	2	2,087.43	2	2,559.88	2	3,044.62	2	3,535.64
1/4	12.52	1/4	193.73	1/4	475.96	1/4	822.27	1/4	1,215.17	1/4	1,643.08	1/4	2,097.12	1/4	2,569.88	1/4	3,054.81	1/4	3,545.90
1/2	14.68	1/2	198.80	1/2	482.62	1/2	830.04	1/2	1,223.77	1/2	1,652.31	1/2	2,106.81	1/2	2,579.88	1/2	3,065.00	1/2	3,556.15
3/4	16.84	3/4	203.86	3/4	489.27	3/4	837.80	3/4	1,232.38	3/4	1,661.54	3/4	2,116.50	3/4	2,589.88	3/4	3,075.19	3/4	3,566.41
3	19.00	3	208.93	3	495.93	3	845.57	3	1,240.98	3	1,670.76	3	2,126.19	3	2,599.88	3	3,085.38	3	3,576.67
1/4	21.55	1/4	214.16	1/4	502.68	1/4	853.42	1/4	1,249.64	1/4	1,680.04	1/4	2,135.90	1/4	2,607.40	1/4	3,095.58	1/4	3,586.92
1/2	24.11	1/2	219.39	1/2	509.44	1/2	861.26	1/2	1,258.30	1/2	1,689.31	1/2	2,145.62	1/2	2,614.92	1/2	3,105.79	1/2	3,597.17
3/4	26.66	3/4	224.63	3/4	516.20	3/4	869.11	3/4	1,266.96	3/4	1,698.58	3/4	2,155.33	3/4	2,622.43	3/4	3,115.99	3/4	3,607.42
4	29.21	4	229.86	4	522.95	4	876.95	4	1,275.62	4	1,707.86	4	2,165.05	4	2,629.95	4	3,126.19	4	3,617.67
1/4	32.11	1/4	235.24	1/4	529.82	1/4	884.88	1/4	1,284.33	1/4	1,717.17	1/4	2,174.80	1/4	2,642.50	1/4	3,136.40	1/4	3,627.92
1/2	35.00	1/2	240.62	1/2	536.68	1/2	892.80	1/2	1,293.05	1/2	1,726.48	1/2	2,184.55	1/2	2,655.05	1/2	3,146.61	1/2	3,638.18
3/4	37.89	3/4	246.00	3/4	543.54	3/4	900.72	3/4	1,301.76	3/4	1,735.79	3/4	2,194.30	3/4	2,667.60	3/4	3,156.82	3/4	3,648.43
5	40.79	5	251.38	5	550.40	5	908.64	5	1,310.48	5	1,745.10	5	2,204.05	5	2,680.14	5	3,167.02	5	3,658.69
1/4	43.97	1/4	256.90	1/4	557.37	1/4	916.64	1/4	1,319.25	1/4	1,754.45	1/4	2,213.83	1/4	2,690.21	1/4	3,177.24	1/4	3,668.94
1/2	47.15	1/2	262.43	1/2	564.33	1/2	924.64	1/2	1,328.02	1/2	1,763.81	1/2	2,223.61	1/2	2,700.27	1/2	3,187.46	1/2	3,679.19
3/4	50.34	3/4	267.95	3/4	571.30	3/4	932.64	3/4	1,336.80	3/4	1,773.17	3/4	2,233.39	3/4	2,710.34	3/4	3,197.68	3/4	3,689.44
6	53.52	6	273.48	6	578.26	6	940.64	6	1,345.57	6	1,782.52	6	2,243.17	6	2,720.40	6	3,207.90	6	3,699.69
1/4	56.98	1/4	279.15	1/4	585.33	1/4	948.71	1/4	1,354.40	1/4	1,791.92	1/4	2,252.97	1/4	2,730.48	1/4	3,218.13	1/4	3,709.94
1/2	60.44	1/2	284.82	1/2	592.39	1/2	956.79	1/2	1,363.23	1/2	1,801.32	1/2	2,262.77	1/2	2,740.56	1/2	3,228.35	1/2	3,720.19
3/4	63.90	3/4	290.49	3/4	599.46	3/4	964.86	3/4	1,372.05	3/4	1,810.72	3/4	2,272.58	3/4	2,750.64	3/4	3,238.57	3/4	3,730.44
7	67.36	7	296.17	7	606.52	7	972.93	7	1,380.88	7	1,820.12	7	2,282.38	7	2,760.71	7	3,248.79	7	3,740.69
1/4	71.07	1/4	301.98	1/4	613.68	1/4	981.07	1/4	1,389.77	1/4	1,829.55	1/4	2,292.21	1/4	2,770.81	1/4	3,259.02	1/4	3,750.93
1/2	74.77	1/2	307.79	1/2	620.83	1/2	989.21	1/2	1,398.65	1/2	1,838.99	1/2	2,302.05	1/2	2,780.90	1/2	3,269.25	1/2	3,761.18
3/4	78.48	3/4	313.60	3/4	627.99	3/4	997.36	3/4	1,407.54	3/4	1,848.42	3/4	2,311.88	3/4	2,791.00	3/4	3,279.48	3/4	3,771.42
8	82.19	8	319.40	8	635.14	8	1,005.50	8	1,416.43	8	1,857.86	8	2,321.71	8	2,801.10	8	3,289.71	8	3,781.67
1/4	86.12	1/4	325.34	1/4	642.40	1/4	1,013.71	1/4	1,425.36	1/4	1,867.33	1/4	2,331.58	1/4	2,811.21	1/4	3,299.95	1/4	3,791.90
1/2	90.06	1/2	331.27	1/2	649.65	1/2	1,021.93	1/2	1,434.30	1/2	1,876.81	1/2	2,341.44	1/2	2,821.32	1/2	3,310.19	1/2	3,802.14
3/4	93.99	3/4	337.21	3/4	656.91	3/4	1,030.14	3/4	1,443.23	3/4	1,886.29	3/4	2,351.30	3/4	2,831.43	3/4	3,320.43	3/4	3,812.38
9	97.93	9	343.14	9	664.17	9	1,038.36	9	1,452.17	9	1,895.76	9	2,361.17	9	2,841.55	9	3,330.67	9	3,822.62
1/4	102.08	1/4	349.21	1/4	671.51	1/4	1,046.64	1/4	1,461.15	1/4	1,905.27	1/4	2,371.05	1/4	2,851.67	1/4	3,340.91	1/4	3,832.86
1/2	106.23	1/2	355.29	1/2	678.85	1/2	1,054.92	1/2	1,470.14	1/2	1,914.79	1/2	2,380.94	1/2	2,861.80	1/2	3,351.15	1/2	3,843.11
3/4	110.38	3/4	361.36	3/4	686.18	3/4	1,063.20	3/4	1,479.13	3/4	1,924.30	3/4	2,390.83	3/4	2,871.92	3/4	3,361.40	3/4	3,853.35
10	114.52	10	367.43	10	693.52	10	1,071.48	10	1,488.12	10	1,933.81	10	2,400.71	10	2,882.05	10	3,371.64	10	3,863.60
1/4	118.88	1/4	373.62	1/4	700.96	1/4	1,079.82	1/4	1,497.15	1/4	1,943.36	1/4	2,410.63	1/4	2,892.19	1/4	3,381.89	1/4	3,873.82
1/2	123.24	1/2	379.81	1/2	708.39	1/2	1,088.17	1/2	1,506.19	1/2	1,952.90	1/2	2,420.54	1/2	2,902.33	1/2	3,392.13	1/2	3,884.05
3/4	127.60	3/4	386.00	3/4	715.83	3/4	1,096.51	3/4	1,515.23	3/4	1,962.45	3/4	2,430.45	3/4	2,912.48	3/4	3,402.37	3/4	3,894.27
11	131.95	11	392.19	11	723.26	11	1,104.86	11	1,524.26	11	1,972.00	11	2,440.36	11	2,922.62	11	3,412.62	11	3,904.50
1/4	136.50	1/4	398.50	1/4	730.78	1/4	1,113.27	1/4	1,533.35	1/4	1,981.58	1/4	2,450.30	1/4	2,932.77	1/4	3,422.87	1/4	3,914.72
1/2	141.05	1/2	404.81	1/2	738.30	1/2	1,121.69	1/2	1,542.43	1/2	1,991.17	1/2	2,460.24	1/2	2,942.93	1/2	3,433.12	1/2	3,924.94
3/4	145.60	3/4	411.12	3/4	745.82	3/4	1,130.11	3/4	1,551.51	3/4	2,000.75	3/4	2,470.18	3/4	2,953.08	3/4	3,443.37	3/4	3,935.16

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "USL 146"

STBD INNAGE TABLE

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

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,945.38	0	4,432.71	0	4,909.69	0	5,369.90	0	5,806.26	0	6,210.43	0	6,571.76	0	6,875.10	0	7,092.71	0	
1/4	3,955.60	1/4	4,442.77	1/4	4,919.46	1/4	5,379.25	1/4	5,815.02	1/4	6,218.40	1/4	6,578.70	1/4	6,880.59	1/4	7,095.83	1/4	
1/2	3,965.81	1/2	4,452.83	1/2	4,929.23	1/2	5,388.60	1/2	5,823.79	1/2	6,226.38	1/2	6,585.64	1/2	6,886.08	1/2	7,098.94	1/2	
3/4	3,976.02	3/4	4,462.89	3/4	4,938.99	3/4	5,397.94	3/4	5,832.55	3/4	6,234.36	3/4	6,592.58	3/4	6,891.58	3/4	7,102.05	3/4	
1	3,986.24	1	4,472.95	1	4,948.76	1	5,407.29	1	5,841.31	1	6,242.33	1	6,599.52	1	6,897.07	1	7,105.17	1	
1/4	3,996.45	1/4	4,482.99	1/4	4,958.51	1/4	5,416.58	1/4	5,850.01	1/4	6,250.24	1/4	6,606.36	1/4	6,902.41	1/4	7,107.97	1/4	
1/2	4,006.65	1/2	4,493.02	1/2	4,968.25	1/2	5,425.88	1/2	5,858.71	1/2	6,258.14	1/2	6,613.19	1/2	6,907.75	1/2	7,110.77	1/2	
3/4	4,016.86	3/4	4,503.06	3/4	4,977.99	3/4	5,435.18	3/4	5,867.42	3/4	6,266.05	3/4	6,620.02	3/4	6,913.09	3/4	7,113.58	3/4	
2	4,027.07	2	4,513.10	2	4,987.74	2	5,444.48	2	5,876.12	2	6,273.95	2	6,626.86	2	6,918.43	2	7,116.38	2	
1/4	4,037.27	1/4	4,523.11	1/4	4,997.45	1/4	5,453.74	1/4	5,884.76	1/4	6,281.78	1/4	6,633.59	1/4	6,923.62	1/4	7,118.84	1/4	
1/2	4,047.46	1/2	4,533.13	1/2	5,007.15	1/2	5,463.00	1/2	5,893.40	1/2	6,289.61	1/2	6,640.32	1/2	6,928.81	1/2	7,121.30	1/2	
3/4	4,057.66	3/4	4,543.15	3/4	5,016.86	3/4	5,472.26	3/4	5,902.05	3/4	6,297.43	3/4	6,647.05	3/4	6,934.00	3/4	7,123.76	3/4	
3	4,067.86	3	4,553.17	3	5,026.57	3	5,481.52	3	5,910.69	3	6,305.26	3	6,653.79	3	6,939.19	3	7,126.21	3	
1/4	4,078.05	1/4	4,563.17	1/4	5,036.25	1/4	5,490.74	1/4	5,919.27	1/4	6,313.01	1/4	6,660.41	1/4	6,944.22	1/4	7,128.25	1/4	
1/2	4,088.24	1/2	4,573.17	1/2	5,045.93	1/2	5,499.95	1/2	5,927.86	1/2	6,320.75	1/2	6,667.04	1/2	6,949.25	1/2	7,130.29	1/2	
3/4	4,098.43	3/4	4,583.17	3/4	5,055.17	3/4	5,509.17	3/4	5,936.44	3/4	6,328.49	3/4	6,673.66	3/4	6,954.28	3/4	7,132.32	3/4	
4	4,108.62	4	4,593.17	4	5,065.29	4	5,518.38	4	5,945.02	4	6,336.24	4	6,680.29	4	6,959.31	4	7,134.36	4	
1/4	4,118.79	1/4	4,603.14	1/4	5,074.93	1/4	5,527.55	1/4	5,953.55	1/4	6,343.90	1/4	6,686.80	1/4	6,964.17	1/4	7,135.85	1/4	
1/2	4,128.96	1/2	4,613.12	1/2	5,084.57	1/2	5,536.71	1/2	5,962.07	1/2	6,351.57	1/2	6,693.31	1/2	6,969.02	1/2	7,137.33	1/2	
3/4	4,139.14	3/4	4,623.10	3/4	5,094.21	3/4	5,545.88	3/4	5,970.60	3/4	6,359.24	3/4	6,699.82	3/4	6,973.88	3/4	7,138.82	3/4	
5	4,149.31	5	4,633.07	5	5,103.86	5	5,555.05	5	5,979.12	5	6,366.90	5	6,706.33	5	6,978.74	5	7,140.31	5	
1/4	4,159.48	1/4	4,643.02	1/4	5,113.47	1/4	5,564.17	1/4	5,987.58	1/4	6,374.49	1/4	6,712.73	1/4	6,983.42	1/4	7,141.23	1/4	
1/2	4,169.64	1/2	4,652.98	1/2	5,123.08	1/2	5,573.30	1/2	5,996.04	1/2	6,382.07	1/2	6,719.13	1/2	6,988.11	1/2	7,142.15	1/2	
3/4	4,179.81	3/4	4,662.93	3/4	5,132.70	3/4	5,582.42	3/4	6,004.49	3/4	6,389.65	3/4	6,725.53	3/4	6,992.79	3/4	7,143.07	3/4	
6	4,189.98	6	4,672.88	6	5,142.31	6	5,591.55	6	6,012.95	6	6,397.24	6	6,731.93	6	6,997.48	6		6	
1/4	4,200.13	1/4	4,682.81	1/4	5,151.89	1/4	5,600.62	1/4	6,021.35	1/4	6,404.74	1/4	6,738.21	1/4	7,001.98	1/4		1/4	
1/2	4,210.27	1/2	4,692.74	1/2	5,161.46	1/2	5,609.69	1/2	6,029.75	1/2	6,412.24	1/2	6,744.50	1/2	7,006.48	1/2		1/2	
3/4	4,220.42	3/4	4,702.67	3/4	5,171.04	3/4	5,618.76	3/4	6,038.15	3/4	6,419.74	3/4	6,750.79	3/4	7,010.98	3/4		3/4	
7	4,230.57	7	4,712.60	7	5,180.62	7	5,627.83	7	6,046.55	7	6,427.24	7	6,757.07	7	7,015.48	7		7	
1/4	4,240.71	1/4	4,722.51	1/4	5,190.15	1/4	5,636.86	1/4	6,054.88	1/4	6,434.65	1/4	6,763.23	1/4	7,019.78	1/4		1/4	
1/2	4,250.86	1/2	4,732.42	1/2	5,199.69	1/2	5,645.88	1/2	6,063.21	1/2	6,442.06	1/2	6,769.39	1/2	7,024.08	1/2		1/2	
3/4	4,261.00	3/4	4,742.33	3/4	5,209.23	3/4	5,654.90	3/4	6,071.55	3/4	6,449.47	3/4	6,775.55	3/4	7,028.39	3/4		3/4	
8	4,271.14	8	4,752.24	8	5,218.76	8	5,663.93	8	6,079.88	8	6,456.88	8	6,781.71	8	7,032.69	8		8	
1/4	4,281.26	1/4	4,762.12	1/4	5,228.27	1/4	5,672.90	1/4	6,088.14	1/4	6,464.20	1/4	6,787.75	1/4	7,036.79	1/4		1/4	
1/2	4,291.38	1/2	4,772.00	1/2	5,237.77	1/2	5,681.88	1/2	6,096.40	1/2	6,471.51	1/2	6,793.79	1/2	7,040.88	1/2		1/2	
3/4	4,301.50	3/4	4,781.88	3/4	5,247.28	3/4	5,690.86	3/4	6,104.67	3/4	6,478.83	3/4	6,799.82	3/4	7,044.98	3/4		3/4	
9	4,311.62	9	4,791.76	9	5,256.79	9	5,699.83	9	6,112.93	9	6,486.14	9	6,805.86	9	7,049.07	9		9	
1/4	4,321.73	1/4	4,801.61	1/4	5,266.25	1/4	5,708.76	1/4	6,121.13	1/4	6,493.38	1/4	6,811.76	1/4	7,052.95	1/4		1/4	
1/2	4,331.83	1/2	4,811.46	1/2	5,275.71	1/2	5,717.68	1/2	6,129.32	1/2	6,500.61	1/2	6,817.67	1/2	7,056.82	1/2		1/2	
3/4	4,341.94	3/4	4,821.32	3/4	5,285.18	3/4	5,726.60	3/4	6,137.52	3/4	6,507.84	3/4	6,823.57	3/4	7,060.70	3/4		3/4	
10	4,352.05	10	4,831.17	10	5,294.64	10	5,735.52	10	6,145.71	10	6,515.07	10	6,829.48	10	7,064.57	10		10	
1/4	4,362.14	1/4	4,840.99	1/4	5,304.07	1/4	5,744.39	1/4	6,153.84	1/4	6,522.21	1/4	6,835.25	1/4	7,068.22	1/4		1/4	
1/2	4,372.24	1/2	4,850.82	1/2	5,313.50	1/2	5,753.26	1/2	6,161.96	1/2	6,529.35	1/2	6,841.02	1/2	7,071.87	1/2		1/2	
3/4	4,382.33	3/4	4,860.65	3/4	5,322.93	3/4	5,762.13	3/4	6,170.09	3/4	6,536.48	3/4	6,846.80	3/4	7,075.52	3/4		3/4	
11	4,392.43	11	4,870.48	11	5,332.36	11	5,771.00	11	6,178.21	11	6,543.62	11	6,852.57	11	7,079.17	11		11	
1/4	4,402.50	1/4	4,880.28	1/4	5,341.74	1/4	5,779.82	1/4	6,186.27	1/4	6,550.65	1/4	6,858.20	1/4	7,082.55	1/4		1/4	
1/2	4,412.57	1/2	4,890.08	1/2	5,351.13	1/2	5,788.63	1/2	6,194.32	1/2	6,557.69	1/2	6,863.83	1/2	7,085.94	1/2		1/2	
3/4	4,422.64	3/4	4,899.89	3/4	5,360.52	3/4	5,797.45	3/4	6,202.38	3/4	6,564.73	3/4	6,869.46	3/4	7,089.33	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

REPRINTED: 02/01/2010 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2010