BARGE "USL 148"

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	150.14	0	417.33	0	753.12	0	1,138.17	0	1,560.02	0	2,009.71	0	2,479.43	0	2,962.57	0	3,452.98
1/4	0.92	1/4	154.87	1/4	423.76	1/4	760.72	1/4	1,146.64	1/4	1,569.14	1/4	2,019.33	1/4	2,489.39	1/4	2,972.74	1/4	3,463.23
1/2	1.83	1/2	159.60	1/2	430.19	1/2	768.32	1/2	1,155.12	1/2	1,578.25	1/2	2,028.95	1/2	2,499.35	1/2	2,982.90	1/2	3,473.49
3/4	2.75	3/4	164.32	3/4	436.62	3/4	775.92	3/4	1,163.60	3/4	1,587.36	3/4	2,038.57	3/4	2,509.30	3/4	2,993.07	3/4	3,483.74
1	3.67	1	169.05	1	443.05	1	783.52	1	1,172.07	1	1,596.48	1	2,048.19	1	2,519.26	1	3,003.24	1	3,494.00
1/4	5.36	1/4	173.95	1/4	449.58	1/4	791.21	1/4	1,180.61	1/4	1,605.68	1/4	2,057.85	1/4	2,529.24	1/4	3,013.42	1/4	3,504.26
1/2	7.05	1/2	178.86	1/2	456.12	1/2	798.89	1/2	1,189.14	1/2	1,614.89	1/2	2,067.50	1/2	2,539.23	1/2	3,023.60	1/2	3,514.51
3/4	8.74	3/4	183.76	3/4	462.65	3/4	806.58	3/4	1,197.68	3/4	1,624.10	3/4	2,077.15	3/4	2,549.21	3/4	3,033.77	3/4	3,524.77
2	10.43	2	188.67	2	469.19	2	814.26	2	1,206.21	2	1,633.31	2	2,086.81	2	2,559.19	2	3,043.95	2	3,535.02
1/4	12.59	1/4	193.73	1/4	475.84	1/4	822.02	1/4	1,214.82	1/4	1,642.54	1/4	2,096.49	1/4	2,569.19	1/4	3,054.14	1/4	3,545.28
1/2	14.75	1/2	198.80	1/2	482.49	1/2	829.79	1/2	1,223.42	1/2	1,651.76	1/2	2,106.18	1/2	2,579.19	1/2	3,064.33	1/2	3,555.54
3/4	16.91	3/4	203.86	3/4	489.14	3/4	837.55	3/4	1,232.02	3/4	1,660.99	3/4	2,115.86	3/4	2,589.19	3/4	3,074.52	3/4	3,565.79
3	19.07	3	208.93	3	495.79	3	845.31	3	1,240.62	3	1,670.21	3	2,125.55	3	2,599.19	3	3,084.71	3	3,576.05
1/4	21.63	1/4	214.15	1/4	502.54	1/4	853.15	1/4	1,249.27	1/4	1,679.48	1/4	2,135.26	1/4	2,609.21	1/4	3,094.92	1/4	3,586.30
1/2	24.18	1/2	219.38	1/2	509.30	1/2	861.00	1/2	1,257.93	1/2	1,688.75	1/2	2,144.98	1/2	2,619.24	1/2	3,105.12	1/2	3,596.56
3/4	26.73	3/4	224.61	3/4	516.05	3/4	868.85	3/4	1,266.58	3/4	1,698.02	3/4	2,154.69	3/4	2,629.26	3/4	3,115.32	3/4	3,606.81
4	29.29	4	229.83	4	522.81	4	876.69	4	1,275.24	4	1,707.29	4	2,164.40	4	2,639.29	4	3,125.52	4	3,617.07
1/4	32.17	1/4	235.21	1/4	529.67	1/4	884.61	1/4	1,283.95	1/4	1,716.60	1/4	2,174.15	1/4	2,649.33	1/4	3,135.73	1/4	3,627.33
1/2	35.06	1/2	240.58	1/2	536.54	1/2	892.54	1/2	1,292.67	1/2	1,725.90	1/2	2,183.90	1/2	2,659.38	1/2	3,145.94	1/2	3,637.58
3/4	37.95	3/4	245.96	3/4	543.40	3/4	900.46	3/4	1,301.38	3/4	1,735.21	3/4	2,193.65	3/4	2,669.43	3/4	3,156.15	3/4	3,647.84
5	40.83	5	251.33	5	550.26	5	908.38	5	1,310.10	5	1,744.52	5	2,203.40	5	2,679.48	5	3,166.36	5	3,658.09
1/4	44.02	1/4	256.86	1/4	557.22	1/4	916.37	1/4	1,318.87	1/4	1,753.88	1/4	2,213.18	1/4	2,689.54	1/4	3,176.58	1/4	3,668.34
1/2	47.20	1/2	262.39	1/2	564.18	1/2	924.37	1/2	1,327.64	1/2	1,763.24	1/2	2,222.95	1/2	2,699.60	1/2	3,186.80	1/2	3,678.59
3/4	50.39	3/4	267.92	3/4	571.14	3/4	932.36	3/4	1,336.42	3/4	1,772.60	3/4	2,232.73	3/4	2,709.65	3/4	3,197.02	3/4	3,688.85
6	53.57	6	273.45	6	578.10	6	940.36	6	1,345.19	6	1,781.95	6	2,242.50	6	2,719.71	6	3,207.24	6	3,699.10
1/4	57.03	1/4	279.12	1/4	585.15	1/4	948.42	1/4	1,353.99	1/4	1,791.35	1/4	2,252.30	1/4	2,729.79	1/4	3,217.46	1/4	3,709.35
1/2	60.49	1/2	284.79	1/2	592.21	1/2	956.49	1/2	1,362.80	1/2	1,800.74	1/2	2,262.11	1/2	2,739.87	1/2	3,227.69	1/2	3,719.61
3/4	63.95	3/4	290.45	3/4	599.27	3/4	964.55	3/4	1,371.60	3/4	1,810.13	3/4	2,271.91	3/4	2,749.95	3/4	3,237.92	3/4	3,729.86
7	67.40	7	296.12	7	606.33	7	972.62	7	1,380.40	7	1,819.52	7	2,281.71	7	2,760.02	7	3,248.14	7	3,740.12
1/4	71.11	1/4	301.92	1/4	613.49	1/4	980.76	1/4	1,389.28	1/4	1,828.96	1/4	2,291.55	1/4	2,770.12	1/4	3,258.38	1/4	3,750.36
1/2	74.81	1/2	307.73	1/2	620.65	1/2	988.90	1/2	1,398.15	1/2	1,838.39	1/2	2,301.38	1/2	2,780.21	1/2	3,268.61	1/2	3,760.61
3/4	78.51	3/4	313.53	3/4	627.82	3/4	997.05	3/4	1,407.03	3/4	1,847.83	3/4	2,311.21	3/4	2,790.31	3/4	3,278.84	3/4	3,770.85
8	82.21	8	319.33	8	634.98	8	1,005.19	8	1,415.90	8	1,857.26	8	2,321.05	8	2,800.40	8	3,289.07	8	3,781.10
1/4	86.15	1/4	325.27	1/4	642.23	1/4	1,013.40	1/4	1,424.84	1/4	1,866.73	1/4	2,330.91	1/4	2,810.52	1/4	3,299.31	1/4	3,791.34
1/2	90.08	1/2	331.21	1/2	649.48	1/2	1,021.61	1/2	1,433.77	1/2	1,876.20	1/2	2,340.77	1/2	2,820.63	1/2	3,309.55	1/2	3,801.58
3/4	94.02	3/4	337.15	3/4	656.73	3/4	1,029.82	3/4	1,442.71	3/4	1,885.67	3/4	2,350.64	3/4	2,830.74	3/4	3,319.79	3/4	3,811.83
9	97.95	9	343.10	9	663.98	9	1,038.02	9	1,451.64	9	1,895.14	9	2,360.50	9	2,840.86	9	3,330.02	9	3,822.07
1/4	102.10	1/4	349.16	1/4	671.32	1/4	1,046.30	1/4	1,460.63	1/4	1,904.65	1/4	2,370.39	1/4	2,850.99	1/4	3,340.27	1/4	3,832.31
1/2	106.25	1/2	355.23	1/2	678.65	1/2	1,054.58	1/2	1,469.62	1/2	1,914.17	1/2	2,380.27	1/2	2,861.12	1/2	3,350.51	1/2	3,842.55
3/4	110.40	3/4	361.29	3/4	685.99	3/4	1,062.86	3/4	1,478.61	3/4	1,923.68	3/4	2,390.16	3/4	2,871.25	3/4	3,360.76	3/4	3,852.79
10	114.55	10	367.36	10	693.33	10	1,071.14	10	1,487.60	10	1,933.19	10	2,400.05	10	2,881.38	10	3,371.00	10	3,863.02
1/4	118.90	1/4	373.54	1/4	700.76	1/4	1,079.49	1/4	1,496.63	1/4	1,942.74	1/4	2,409.96	1/4	2,891.52	1/4	3,381.24	1/4	3,873.26
1/2	123.26	1/2	379.73	1/2	708.19	1/2	1,087.83	1/2	1,505.67	1/2	1,952.29	1/2	2,419.87	1/2	2,901.67	1/2	3,391.49	1/2	3,883.49
3/4	127.62	3/4	385.91	3/4	715.62	3/4	1,096.18	3/4	1,514.70	3/4	1,961.83	3/4	2,429.78	3/4	2,911.81	3/4	3,401.73	3/4	3,893.72
11	131.98	11	392.10	11	723.05	11	1,104.52	11	1,523.74	11	1,971.38	11	2,439.69	11	2,921.95	11	3,411.98	11	3,903.95
1/4	136.52	1/4	398.40	1/4	730.57	1/4	1,112.93	1/4	1,532.81	1/4	1,980.96	1/4	2,449.62	1/4	2,932.11	1/4	3,422.23	1/4	3,914.18
1/2	141.06	1/2	404.71	1/2	738.08	1/2	1,121.35	1/2	1,541.88	1/2	1,990.55	1/2	2,459.56	1/2	2,942.26	1/2	3,432.48	1/2	3,924.40
3/4	145.60	3/4	411.02	3/4	745.60	3/4	1,129.76	3/4	1,550.95	3/4	2,000.13	3/4	2,469.49	3/4	2,952.42	3/4	3,442.73	3/4	3,934.63

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BARGE "USL 148"

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	3,944.86	0	4,432.38	0	4,909.60	0	5,370.14	0	5,806.90	0	6,211.74	0	6,574.02	0	6,878.64	0	7,098.52	0	
1/4	3,955.08	1/4	4,442.44	1/4	4,919.37	1/4	5,379.50	1/4	5,815.68	1/4	6,219.73	1/4	6,580.98	1/4	6,884.17	1/4	7,101.71	1/4	
1/2	3,965.30	1/2	4,452.50	1/2	4,929.14	1/2	5,388.86	1/2	5,824.45	1/2	6,227.73	1/2	6,587.93	1/2	6,889.69	1/2	7,104.89	1/2	
3/4	3,975.52	3/4	4,462.56	3/4	4,938.92	3/4	5,398.21	3/4	5,833.23	3/4	6,235.72	3/4	6,594.88	3/4	6,895.21	3/4	7,108.08	3/4	
1	3,985.74	1	4,472.62	1	4,948.69	1	5,407.57	1	5,842.00	1	6,243.71	1	6,601.83	1	6,900.74	1	7,111.26	1	
1/4	3,995.95	1/4	4,482.66	1/4	4,958.44	1/4	5,416.88	1/4	5,850.71	1/4	6,251.64	1/4	6,608.70	1/4	6,906.12	1/4	7,114.15	1/4	
1/2	4,006.15	1/2	4,492.70	1/2	4,968.19	1/2	5,426.19	1/2	5,859.43	1/2	6,259.56	1/2	6,615.56	1/2	6,911.50	1/2	7,117.04	1/2	
3/4	4,016.36	3/4	4,502.74	3/4	4,977.94	3/4	5,435.50	3/4	5,868.14	3/4	6,267.48	3/4	6,622.42	3/4	6,916.88	3/4	7,119.92	3/4	
2	4,026.57	2	4,512.79	2	4,987.69	2	5,444.81	2	5,876.86	2	6,275.40	2	6,629.29	2	6,922.26	2	7,122.81	2	
1/4	4,036.77	1/4	4,522.81	1/4	4,997.40	1/4	5,454.08	1/4	5,885.51	1/4	6,283.24	1/4	6,636.04	1/4	6,927.49	1/4	7,125.36	1/4	
1/2	4,046.98	1/2	4,532.83	1/2	5,007.12	1/2	5,463.35	1/2	5,894.17	1/2	6,291.08	1/2	6,642.80	1/2	6,932.71	1/2	7,127.92	1/2	
3/4	4,057.18	3/4	4,542.86	3/4	5,016.83	3/4	5,472.61	3/4	5,902.82	3/4	6,298.92	3/4	6,649.55	3/4	6,937.94	3/4	7,130.47	3/4	
3	4,067.38	3	4,552.88	3	5,026.55	3	5,481.88	3	5,911.48	3	6,306.76	3	6,656.31	3	6,943.17	3	7,133.02	3	
1/4	4,077.57	1/4	4,562.89	1/4	5,036.23	1/4	5,491.11	1/4	5,920.08	1/4	6,314.53	1/4	6,662.96	1/4	6,948.23	1/4	7,135.18	1/4	
1/2	4,087.76	1/2	4,572.89	1/2	5,045.92	1/2	5,500.33	1/2	5,928.68	1/2	6,322.30	1/2	6,669.61	1/2	6,953.30	1/2	7,137.35	1/2	
3/4	4,097.95	3/4	4,582.90	3/4	5,055.60	3/4	5,509.56	3/4	5,937.28	3/4	6,330.07	3/4	6,676.26	3/4	6,958.36	3/4	7,139.51	3/4	
4	4,108.14	4	4,592.90	4	5,065.29	4	5,518.79	4	5,945.88	4	6,337.83	4	6,682.90	4	6,963.43	4	7,141.67	4	
1/4	4,118.32	1/4	4,602.89	1/4	5,074.94	1/4	5,527.96	1/4	5,954.42	1/4	6,345.52	1/4	6,689.44	1/4	6,968.33	1/4	7,143.35	1/4	
1/2	4,128.50	1/2	4,612.87	1/2	5,084.60	1/2	5,537.14	1/2	5,962.95	1/2	6,353.20	1/2	6,695.98	1/2	6,973.24	1/2	7,145.04	1/2	
3/4	4,138.68	3/4	4,622.85	3/4	5,094.25	3/4	5,546.32	3/4	5,971.49	3/4	6,360.89	3/4	6,702.51	3/4	6,978.14	3/4	7,146.72	3/4	
5	4,148.86	5	4,632.83	5	5,103.90	5	5,555.50	5	5,980.02	5	6,368.57	5	6,709.05	5	6,983.05	5	7,148.40	5	
1/4	4,159.02	1/4	4,642.79	1/4	5,113.52	1/4	5,564.63	1/4	5,988.49	1/4	6,376.17	1/4	6,715.48	1/4	6,987.77	1/4	7,149.33	1/4	
1/2	4,169.19	1/2	4,652.75	1/2	5,123.14	1/2	5,573.76	1/2	5,996.96	1/2	6,383.77	1/2	6,721.90	1/2	6,992.50	1/2	7,150.25	1/2	
3/4	4,179.36	3/4	4,662.71	3/4	5,132.76	3/4	5,582.89	3/4	6,005.43	3/4	6,391.38	3/4	6,728.33	3/4	6,997.23	3/4	7,151.17	3/4	
6	4,189.52	6	4,672.67	6	5,142.38	6	5,592.02	6	6,013.90	6	6,398.98	6	6,734.76	6	7,001.95	6	7,152.10	6	
1/4	4,199.68	1/4	4,682.60	1/4	5,151.96	1/4	5,601.11	1/4	6,022.32	1/4	6,406.49	1/4	6,741.07	1/4	7,006.49	1/4		1/4	
1/2	4,209.83	1/2	4,692.54	1/2	5,161.55	1/2	5,610.19	1/2	6,030.73	1/2	6,414.01	1/2	6,747.38	1/2	7,011.04	1/2		1/2	
3/4	4,219.99	3/4	4,702.47	3/4	5,171.13	3/4	5,619.27	3/4	6,039.14	3/4	6,421.53	3/4	6,753.69	3/4	7,015.58	3/4		3/4	
7	4,230.14	7	4,712.40	7	5,180.71	7	5,628.36	7	6,047.55	7	6,429.05	7	6,760.00	7	7,020.12	7		7	
1/4	4,240.29	1/4	4,722.32	1/4	5,190.26	1/4	5,637.39	1/4	6,055.90	1/4	6,436.48	1/4	6,766.18	1/4	7,024.47	1/4		1/4	
1/2	4,250.43	1/2	4,732.23	1/2	5,199.81	1/2	5,646.43	1/2	6,064.25	1/2	6,443.90	1/2	6,772.37	1/2	7,028.82	1/2		1/2	
3/4	4,260.57	3/4	4,742.14	3/4	5,209.36	3/4	5,655.46	3/4	6,072.60	3/4	6,451.33	3/4	6,778.55	3/4	7,033.17	3/4		3/4	
8	4,270.71	8	4,752.05	8	5,218.90	8	5,664.50	8	6,080.95	8	6,458.76	8	6,784.74	8	7,037.52	8		8	
1/4	4,280.85	1/4	4,761.93	1/4	5,228.41	1/4	5,673.49	1/4	6,089.23	1/4	6,466.10	1/4	6,790.80	1/4	7,041.67	1/4		1/4	
1/2	4,290.98	1/2	4,771.82	1/2	5,237.92	1/2	5,682.48	1/2	6,097.50	1/2	6,473.44	1/2	6,796.87	1/2	7,045.82	1/2		1/2	
3/4	4,301.11	3/4	4,781.71	3/4	5,247.42	3/4	5,691.46	3/4	6,105.77	3/4	6,480.78	3/4	6,802.93	3/4	7,049.97	3/4		3/4	
9	4,311.24	9	4,791.60	9	5,256.93	9	5,700.45	9	6,114.05	9	6,488.12	9	6,809.00	9	7,054.12	9		9	
1/4	4,321.35	1/4	4,801.45	1/4	5,266.40	1/4	5,709.38	1/4	6,122.26	1/4	6,495.37	1/4	6,814.94	1/4	7,058.06	1/4		1/4	
1/2	4,331.46	1/2	4,811.31	1/2	5,275.88	1/2	5,718.31	1/2	6,130.48	1/2	6,502.62	1/2	6,820.88	1/2	7,062.00	1/2		1/2	
3/4	4,341.58	3/4	4,821.17	3/4	5,285.36	3/4	5,727.24	3/4	6,138.69	3/4	6,509.87	3/4	6,826.82	3/4	7,065.94	3/4		3/4	
10	4,351.69	10	4,831.02	10	5,294.83	10	5,736.17	10	6,146.90	10	6,517.12	10	6,832.76	10	7,069.88	10		10	
1/4	4,361.79	1/4	4,840.86	1/4	5,304.27	1/4	5,745.05	1/4	6,155.04	1/4	6,524.27	1/4	6,838.57	1/4	7,073.58	1/4		1/4	
1/2	4,371.88	1/2	4,850.69	1/2	5,313.70	1/2	5,753.93	1/2	6,163.18	1/2	6,531.43	1/2	6,844.37	1/2	7,077.29	1/2		1/2	
3/4	4,381.98	3/4	4,860.52	3/4	5,323.14	3/4	5,762.81	3/4	6,171.32	3/4	6,538.58	3/4	6,850.17	3/4	7,080.99	3/4		3/4	
11	4,392.07	11	4,870.36	11	5,332.57	11	5,771.69	11	6,179.45	11	6,545.74	11	6,855.98	11	7,084.69	11		11	
1/4	4,402.15	1/4	4,880.17	1/4	5,341.96	1/4	5,780.49	1/4	6,187.52	1/4	6,552.81	1/4	6,861.64	1/4	7,088.15	1/4		1/4	
1/2	4,412.23	1/2	4,889.98	1/2	5,351.36	1/2	5,789.30	1/2	6,195.60	1/2	6,559.88	1/2	6,867.31	1/2	7,091.61	1/2		1/2	
3/4	4,422.30	3/4	4,899.79	3/4	5,360.75	3/4	5,798.10	3/4	6,203.67	3/4	6,566.95	3/4	6,872.98	3/4	7,095.07	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: EWS
DECK MEASUREMENTS: 01/05/2011 SW
REPRINTED: 01/09/2011 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2011

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "USL 148"

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	149.93	0	416.86	0	752.29	0	1,136.98	0	1,558.45	0	2,007.64	0	2,476.88	0	2,959.52	0	3,449.48
1/4	0.92	1/4	154.65	1/4	423.27	1/4	759.88	1/4	1,145.44	1/4	1,567.57	1/4	2,017.25	1/4	2,486.83	1/4	2,969.68	1/4	3,459.71
1/2	1.83	1/2	159.37	1/2	429.69	1/2	767.48	1/2	1,153.90	1/2	1,576.69	1/2	2,026.86	1/2	2,496.79	1/2	2,979.85	1/2	3,469.95
3/4	2.75	3/4	164.09	3/4	436.11	3/4	775.07	3/4	1,162.37	3/4	1,585.81	3/4	2,036.46	3/4	2,506.74	3/4	2,990.01	3/4	3,480.19
1	3.67	1	168.81	1	442.52	1	782.67	1	1,170.83	1	1,594.93	1	2,046.07	1	2,516.69	1	3,000.17	1	3,490.43
1/4	5.34	1/4	173.71	1/4	449.06	1/4	790.35	1/4	1,179.36	1/4	1,604.10	1/4	2,055.71	1/4	2,526.66	1/4	3,010.33	1/4	3,500.68
1/2	7.01	1/2	178.61	1/2	455.60	1/2	798.02	1/2	1,187.89	1/2	1,613.27	1/2	2,065.36	1/2	2,536.63	1/2	3,020.50	1/2	3,510.93
3/4	8.68	3/4	183.51	3/4	462.13	3/4	805.70	3/4	1,196.42	3/4	1,622.45	3/4	2,075.00	3/4	2,546.60	3/4	3,030.67	3/4	3,521.18
2	10.36	2	188.40	2	468.67	2	813.38	2	1,204.95	2	1,631.62	2	2,084.64	2	2,556.57	2	3,040.83	2	3,531.43
1/4	12.51	1/4	193.46	1/4	475.31	1/4	821.14	1/4	1,213.54	1/4	1,640.83	1/4	2,094.32	1/4	2,566.56	1/4	3,051.02	1/4	3,541.67
1/2	14.67	1/2	198.52	1/2	481.95	1/2	828.89	1/2	1,222.13	1/2	1,650.05	1/2	2,104.00	1/2	2,576.55	1/2	3,061.20	1/2	3,551.92
3/4	16.82	3/4	203.58	3/4	488.60	3/4	836.65	3/4	1,230.72	3/4	1,659.26	3/4	2,113.68	3/4	2,586.54	3/4	3,071.39	3/4	3,562.16
3	18.98	3	208.64	3	495.24	3	844.40	3	1,239.31	3	1,668.48	3	2,123.36	3	2,596.52	3	3,081.57	3	3,572.40
1/4	21.53	1/4	213.86	1/4	501.99	1/4	852.24	1/4	1,247.96	1/4	1,677.73	1/4	2,133.06	1/4	2,606.54	1/4	3,091.77	1/4	3,582.65
1/2	24.08	1/2	219.08	1/2	508.74	1/2	860.07	1/2	1,256.61	1/2	1,686.99	1/2	2,142.76	1/2	2,616.56	1/2	3,101.96	1/2	3,592.89
3/4	26.64	3/4	224.30	3/4	515.49	3/4	867.90	3/4	1,265.26	3/4	1,696.24	3/4	2,152.46	3/4	2,626.58	3/4	3,112.16	3/4	3,603.14
4	29.19	4	229.52	4	522.24	4	875.74	4	1,273.90	4	1,705.50	4	2,162.17	4	2,636.60	4	3,122.36	4	3,613.38
1/4	32.07	1/4	234.90	1/4	529.09	1/4	883.65	1/4	1,282.61	1/4	1,714.80	1/4	2,171.90	1/4	2,646.63	1/4	3,132.55	1/4	3,623.63
1/2	34.95	1/2	240.27	1/2	535.94	1/2	891.57	1/2	1,291.31	1/2	1,724.11	1/2	2,181.64	1/2	2,656.65	1/2	3,142.74	1/2	3,633.87
3/4	37.83	3/4	245.65	3/4	542.79	3/4	899.49	3/4	1,300.01	3/4	1,733.41	3/4	2,191.38	3/4	2,666.68	3/4	3,152.93	3/4	3,644.11
5	40.71	5	251.02	5	549.64	5	907.40	5	1,308.71	5	1,742.71	5	2,201.12	5	2,676.71	5	3,163.12	5	3,654.36
1/4	43.90	1/4	256.55	1/4	556.60	1/4	915.39	1/4	1,317.48	1/4	1,752.06	1/4	2,210.89	1/4	2,686.77	1/4	3,173.33	1/4	3,664.60
1/2	47.08	1/2	262.07	1/2	563.55	1/2	923.38	1/2	1,326.24	1/2	1,761.40	1/2	2,220.65	1/2	2,696.82	1/2	3,183.54	1/2	3,674.85
3/4	50.27	3/4	267.60	3/4	570.50	3/4	931.37	3/4	1,335.00	3/4	1,770.75	3/4	2,230.42	3/4	2,706.87	3/4	3,193.74	3/4	3,685.09
6	53.45	6	273.12	6	577.45	6	939.36	6	1,343.76	6	1,780.10	6	2,240.19	6	2,716.93	6	3,203.95	6	3,695.33
1/4	56.90	1/4	278.78	1/4	584.51	1/4	947.42	1/4	1,352.56	1/4	1,789.48	1/4	2,249.99	1/4	2,726.99	1/4	3,214.17	1/4	3,705.57
1/2	60.36	1/2	284.44	1/2	591.56	1/2	955.48	1/2	1,361.36	1/2	1,798.87	1/2	2,259.79	1/2	2,737.06	1/2	3,224.38	1/2	3,715.81
3/4	63.81	3/4	290.10	3/4	598.61	3/4	963.54	3/4	1,370.15	3/4	1,808.26	3/4	2,269.58	3/4	2,747.12	3/4	3,234.60	3/4	3,726.05
7	67.26	7	295.76	7	605.67	7	971.60	7	1,378.95	7	1,817.64	7	2,279.38	7	2,757.19	7	3,244.81	7	3,736.29
1/4	70.96	1/4	301.56	1/4	612.82	1/4	979.73	1/4	1,387.82	1/4	1,827.07	1/4	2,289.20	1/4	2,767.28	1/4	3,255.04	1/4	3,746.52
1/2	74.67	1/2	307.36	1/2	619.96	1/2	987.86	1/2	1,396.69	1/2	1,836.49	1/2	2,299.02	1/2	2,777.37	1/2	3,265.26	1/2	3,756.76
3/4	78.37	3/4	313.15	3/4	627.11	3/4	995.99	3/4	1,405.56	3/4	1,845.91	3/4	2,308.85	3/4	2,787.46	3/4	3,275.49	3/4	3,767.00
8	82.07	8	318.95	8	634.26	8	1,004.12	8	1,414.43	8	1,855.33	8	2,318.67	8	2,797.55	8	3,285.71	8	3,777.24
1/4	86.00	1/4	324.88	1/4	641.51	1/4	1,012.32	1/4	1,423.36	1/4	1,864.80	1/4	2,328.52	1/4	2,807.65	1/4	3,295.94	1/4	3,787.46
1/2	89.93	1/2	330.81	1/2	648.75	1/2	1,020.52	1/2	1,432.29	1/2	1,874.26	1/2	2,338.37	1/2	2,817.75	1/2	3,306.17	1/2	3,797.69
3/4	93.86	3/4	336.74	3/4	655.99	3/4	1,028.73	3/4	1,441.21	3/4	1,883.73	3/4	2,348.22	3/4	2,827.85	3/4	3,316.39	3/4	3,807.92
9	97.79	9	342.67	9	663.24	9	1,036.93	9	1,450.14	9	1,893.19	9	2,358.07	9	2,837.95	9	3,326.62	9	3,818.14
1/4	101.93	1/4	348.73	1/4	670.57	1/4	1,045.20	1/4	1,459.12	1/4	1,902.69	1/4	2,367.95	1/4	2,848.07	1/4	3,336.85	1/4	3,828.37
1/2	106.08	1/2	354.79	1/2	677.90	1/2	1,053.46	1/2	1,468.10	1/2	1,912.19	1/2	2,377.82	1/2	2,858.19	1/2	3,347.08	1/2	3,838.60
3/4	110.23	3/4	360.85	3/4	685.24	3/4	1,061.73	3/4	1,477.07	3/4	1,921.69	3/4	2,387.70	3/4	2,868.31	3/4	3,357.32	3/4	3,848.82
10	114.38	10	366.90	10	692.57	10	1,070.00	10	1,486.05	10	1,931.19	10	2,397.57	10	2,878.43	10	3,367.55	10	3,859.05
1/4	118.73	1/4	373.09	1/4	699.99	1/4	1,078.34	1/4	1,495.07	1/4	1,940.73	1/4	2,407.48	1/4	2,888.56	1/4	3,377.79	1/4	3,869.27
1/2	123.07	1/2	379.27	1/2	707.42	1/2	1,086.68	1/2	1,504.10	1/2	1,950.27	1/2	2,417.38	1/2	2,898.69	1/2	3,388.02	1/2	3,879.49
3/4	127.42	3/4	385.46	3/4	714.84	3/4	1,095.02	3/4	1,513.12	3/4	1,959.82	3/4	2,427.29	3/4	2,908.82	3/4	3,398.26	3/4	3,889.71
11	131.76	11	391.64	11	722.26	11	1,103.36	11	1,522.14	11	1,969.36	11	2,437.19	11	2,918.95	11	3,408.50	11	3,899.93
1/4	136.30	1/4	397.95	1/4	729.77	1/4	1,111.76	1/4	1,531.22	1/4	1,978.93	1/4	2,447.11	1/4	2,929.10	1/4	3,418.74	1/4	3,910.14
1/2	140.85	1/2	404.25	1/2	737.27	1/2	1,120.17	1/2	1,540.30	1/2	1,988.50	1/2	2,457.04	1/2	2,939.24	1/2	3,428.99	1/2	3,920.35
3/4	145.39	3/4	410.55	3/4	744.78	3/4	1,128.57	3/4	1,549.38	3/4	1,998.07	3/4	2,466.96	3/4	2,949.38	3/4	3,439.23	3/4	3,930.55

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 148"

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	3,940.76	0	4,427.50	0	4,903.64	0	5,362.90	0	5,798.07	0	6,200.95	0	6,560.76	0	6,862.24	0	7,077.21	0	
1/4	3,950.97	1/4	4,437.54	1/4	4,913.40	1/4	5,372.23	1/4	5,806.80	1/4	6,208.90	1/4	6,567.67	1/4	6,867.69	1/4	7,080.25	1/4	
1/2	3,961.18	1/2	4,447.58	1/2	4,923.15	1/2	5,381.56	1/2	5,815.54	1/2	6,216.85	1/2	6,574.57	1/2	6,873.14	1/2	7,083.29	1/2	
3/4	3,971.39	3/4	4,457.63	3/4	4,932.91	3/4	5,390.89	3/4	5,824.27	3/4	6,224.79	3/4	6,581.48	3/4	6,878.60	3/4	7,086.32	3/4	
1	3,981.60	1	4,467.67	1	4,942.67	1	5,400.21	1	5,833.00	1	6,232.74	1	6,588.38	1	6,884.05	1	7,089.36	1	
1/4	3,991.79	1/4	4,477.69	1/4	4,952.39	1/4	5,409.49	1/4	5,841.68	1/4	6,240.61	1/4	6,595.18	1/4	6,889.34	1/4	7,092.08	1/4	
1/2	4,001.98	1/2	4,487.71	1/2	4,962.11	1/2	5,418.77	1/2	5,850.36	1/2	6,248.49	1/2	6,601.98	1/2	6,894.63	1/2	7,094.80	1/2	
3/4	4,012.17	3/4	4,497.74	3/4	4,971.83	3/4	5,428.05	3/4	5,859.04	3/4	6,256.36	3/4	6,608.77	3/4	6,899.92	3/4	7,097.52	3/4	
2	4,022.36	2	4,507.76	2	4,981.55	2	5,437.33	2	5,867.71	2	6,264.24	2	6,615.57	2	6,905.21	2	7,100.24	2	
1/4	4,032.55	1/4	4,517.76	1/4	4,991.24	1/4	5,446.57	1/4	5,876.33	1/4	6,272.04	1/4	6,622.27	1/4	6,910.36	1/4	7,102.59	1/4	
1/2	4,042.74	1/2	4,527.76	1/2	5,000.93	1/2	5,455.81	1/2	5,884.95	1/2	6,279.83	1/2	6,628.96	1/2	6,915.50	1/2	7,104.94	1/2	
3/4	4,052.93	3/4	4,537.76	3/4	5,010.62	3/4	5,465.05	3/4	5,893.57	3/4	6,287.63	3/4	6,635.66	3/4	6,920.64	3/4	7,107.29	3/4	
3	4,063.12	3	4,547.76	3	5,020.31	3	5,474.29	3	5,902.19	3	6,295.43	3	6,642.36	3	6,925.79	3	7,109.64	3	
1/4	4,073.29	1/4	4,557.74	1/4	5,029.97	1/4	5,483.48	1/4	5,910.75	1/4	6,303.14	1/4	6,648.95	1/4	6,930.77	1/4	7,111.56	1/4	
1/2	4,083.46	1/2	4,567.73	1/2	5,039.63	1/2	5,492.67	1/2	5,919.31	1/2	6,310.86	1/2	6,655.54	1/2	6,935.75	1/2	7,113.48	1/2	
3/4	4,093.64	3/4	4,577.71	3/4	5,049.29	3/4	5,501.86	3/4	5,927.87	3/4	6,318.57	3/4	6,662.13	3/4	6,940.73	3/4	7,115.39	3/4	
4	4,103.81	4	4,587.69	4	5,058.95	4	5,511.05	4	5,936.43	4	6,326.29	4	6,668.71	4	6,945.71	4	7,117.31	4	
1/4	4,113.98	1/4	4,597.65	1/4	5,068.58	1/4	5,520.19	1/4	5,944.92	1/4	6,333.92	1/4	6,675.19	1/4	6,950.52	1/4	7,118.60	1/4	
1/2	4,124.14	1/2	4,607.61	1/2	5,078.20	1/2	5,529.33	1/2	5,953.42	1/2	6,341.56	1/2	6,681.67	1/2	6,955.32	1/2	7,119.89	1/2	
3/4	4,134.31	3/4	4,617.57	3/4	5,087.83	3/4	5,538.48	3/4	5,961.91	3/4	6,349.20	3/4	6,688.14	3/4	6,960.13	3/4	7,121.18	3/4	
5	4,144.48	5	4,627.52	5	5,097.45	5	5,547.62	5	5,970.40	5	6,356.83	5	6,694.62	5	6,964.93	5	7,122.48	5	
1/4	4,154.63	1/4	4,637.46	1/4	5,107.04	1/4	5,556.72	1/4	5,978.84	1/4	6,364.38	1/4	6,700.98	1/4	6,969.56	1/4	7,123.39	1/4	
1/2	4,164.77	1/2	4,647.40	1/2	5,116.63	1/2	5,565.82	1/2	5,987.27	1/2	6,371.93	1/2	6,707.35	1/2	6,974.19	1/2	7,124.31	1/2	
3/4	4,174.92	3/4	4,657.35	3/4	5,126.22	3/4	5,574.92	3/4	5,995.71	3/4	6,379.48	3/4	6,713.71	3/4	6,978.82	3/4		3/4	
6	4,185.07	6	4,667.29	6	5,135.81	6	5,584.02	6	6,004.14	6	6,387.02	6	6,720.07	6	6,983.45	6		6	
1/4	4,195.21	1/4	4,677.20	1/4	5,145.37	1/4	5,593.07	1/4	6,012.51	1/4	6,394.49	1/4	6,726.31	1/4	6,987.90	1/4		1/4	
1/2	4,205.35	1/2	4,687.11	1/2	5,154.93	1/2	5,602.12	1/2	6,020.88	1/2	6,401.96	1/2	6,732.55	1/2	6,992.35	1/2		1/2	
3/4	4,215.48	3/4	4,697.02	3/4	5,164.49	3/4	5,611.17	3/4	6,029.25	3/4	6,409.43	3/4	6,738.79	3/4	6,996.79	3/4		3/4	
7	4,225.62	7	4,706.93	7	5,174.05	7	5,620.21	7	6,037.62	7	6,416.90	7	6,745.02	7	7,001.24	7		7	
1/4	4,235.74	1/4	4,716.82	1/4	5,183.57	1/4	5,629.22	1/4	6,045.92	1/4	6,424.28	1/4	6,751.15	1/4	7,005.49	1/4		1/4	
1/2	4,245.87	1/2	4,726.70	1/2	5,193.08	1/2	5,638.23	1/2	6,054.23	1/2	6,431.65	1/2	6,757.27	1/2	7,009.74	1/2		1/2	
3/4	4,255.99	3/4	4,736.59	3/4	5,202.60	3/4	5,647.23	3/4	6,062.53	3/4	6,439.03	3/4	6,763.40	3/4	7,013.99	3/4		3/4	
8	4,266.12	8	4,746.48	8	5,212.12	8	5,656.24	8	6,070.83	8	6,446.40	8	6,769.52	8	7,018.24	8		8	
1/4	4,276.23	1/4	4,756.35	1/4	5,221.60	1/4	5,665.18	1/4	6,079.07	1/4	6,453.70	1/4	6,775.52	1/4	7,022.27	1/4		1/4	
1/2	4,286.35	1/2	4,766.21	1/2	5,231.08	1/2	5,674.13	1/2	6,087.31	1/2	6,460.99	1/2	6,781.51	1/2	7,026.31	1/2		1/2	
3/4	4,296.46	3/4	4,776.08	3/4	5,240.57	3/4	5,683.08	3/4	6,095.55	3/4	6,468.28	3/4	6,787.51	3/4	7,030.35	3/4		3/4	
9	4,306.57	9	4,785.95	9	5,250.05	9	5,692.02	9	6,103.79	9	6,475.57	9	6,793.50	9	7,034.38	9		9	
1/4	4,316.67	1/4	4,795.79	1/4	5,259.49	1/4	5,700.92	1/4	6,111.95	1/4	6,482.76	1/4	6,799.36	1/4	7,038.20	1/4		1/4	
1/2	4,326.76	1/2	4,805.62	1/2	5,268.94	1/2	5,709.82	1/2	6,120.12	1/2	6,489.95	1/2	6,805.23	1/2	7,042.01	1/2		1/2	
3/4	4,336.86	3/4	4,815.45	3/4	5,278.39	3/4	5,718.72	3/4	6,128.29	3/4	6,497.14	3/4	6,811.09	3/4	7,045.83	3/4		3/4	
10	4,346.95	10	4,825.29	10	5,287.83	10	5,727.62	10	6,136.45	10	6,504.33	10	6,816.95	10	7,049.64	10		10	
1/4	4,357.03	1/4	4,835.10	1/4	5,297.24	1/4	5,736.45	1/4	6,144.55	1/4	6,511.43	1/4	6,822.68	1/4	7,053.22	1/4		1/4	
1/2	4,367.11	1/2	4,844.90	1/2	5,306.64	1/2	5,745.29	1/2	6,152.64	1/2	6,518.54	1/2	6,828.42	1/2	7,056.80	1/2		1/2	
3/4	4,377.18	3/4	4,854.71	3/4	5,316.05	3/4	5,754.12	3/4	6,160.74	3/4	6,525.64	3/4	6,834.15	3/4	7,060.37	3/4		3/4	
11	4,387.26	11	4,864.52	11	5,325.45	11	5,762.95	11	6,168.83	11	6,532.74	11	6,839.88	11	7,063.95	11		11	
1/4	4,397.32	1/4	4,874.30	1/4	5,334.82	1/4	5,771.73	1/4	6,176.86	1/4	6,539.74	1/4	6,845.47	1/4	7,067.27	1/4		1/4	
1/2	4,407.38	1/2	4,884.08	1/2	5,344.18	1/2	5,780.51	1/2	6,184.89	1/2	6,546.75	1/2	6,851.06	1/2	7,070.58	1/2		1/2	
3/4	4,417.44	3/4	4,893.86	3/4	5,353.54	3/4	5,789.29	3/4	6,192.92	3/4	6,553.76	3/4	6,856.65	3/4	7,073.90	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: EWS
DECK MEASUREMENTS: 01/05/2011 SW
REPRINTED: 01/09/2011 SW

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ALL PRIOR TO 01/2011

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