



BARGE "USL 145"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN 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	143.02	0	402.79	0	733.45	0	1,116.31	0	1,538.90	0	1,991.57	0	2,466.21	0	2,955.57	0	3,452.90
1/4	0.85	1/4	147.58	1/4	409.08	1/4	740.98	1/4	1,124.77	1/4	1,548.08	1/4	2,001.27	1/4	2,476.29	1/4	2,965.88	1/4	3,463.30
1/2	1.70	1/2	152.14	1/2	415.37	1/2	748.51	1/2	1,133.24	1/2	1,557.25	1/2	2,010.98	1/2	2,486.37	1/2	2,976.19	1/2	3,473.70
3/4	2.55	3/4	156.70	3/4	421.66	3/4	756.04	3/4	1,141.70	3/4	1,566.42	3/4	2,020.68	3/4	2,496.45	3/4	2,986.50	3/4	3,484.10
1	3.40	1	161.26	1	427.95	1	763.57	1	1,150.17	1	1,575.60	1	2,030.38	1	2,506.52	1	2,996.81	1	3,494.50
1/4	4.97	1/4	166.00	1/4	434.36	1/4	771.18	1/4	1,158.69	1/4	1,584.82	1/4	2,040.12	1/4	2,516.63	1/4	3,007.13	1/4	3,504.90
1/2	6.54	1/2	170.74	1/2	440.77	1/2	778.80	1/2	1,167.21	1/2	1,594.05	1/2	2,049.87	1/2	2,526.73	1/2	3,017.44	1/2	3,515.31
3/4	8.10	3/4	175.48	3/4	447.18	3/4	786.41	3/4	1,175.74	3/4	1,603.27	3/4	2,059.61	3/4	2,536.83	3/4	3,027.76	3/4	3,525.71
2	9.67	2	180.21	2	453.60	2	794.02	2	1,184.26	2	1,612.50	2	2,069.36	2	2,546.93	2	3,038.07	2	3,536.12
1/4	11.70	1/4	185.12	1/4	460.12	1/4	801.73	1/4	1,192.86	1/4	1,621.77	1/4	2,079.14	1/4	2,557.06	1/4	3,048.40	1/4	3,546.52
1/2	13.73	1/2	190.02	1/2	466.64	1/2	809.43	1/2	1,201.45	1/2	1,631.05	1/2	2,088.92	1/2	2,567.19	1/2	3,058.74	1/2	3,556.93
3/4	15.76	3/4	194.93	3/4	473.17	3/4	817.13	3/4	1,210.05	3/4	1,640.32	3/4	2,098.70	3/4	2,577.32	3/4	3,069.07	3/4	3,567.33
3	17.79	3	199.83	3	479.69	3	824.83	3	1,218.64	3	1,649.60	3	2,108.48	3	2,587.45	3	3,079.40	3	3,577.74
1/4	20.20	1/4	204.90	1/4	486.33	1/4	832.62	1/4	1,227.30	1/4	1,658.92	1/4	2,118.29	1/4	2,597.60	1/4	3,089.75	1/4	3,588.14
1/2	22.61	1/2	209.96	1/2	492.96	1/2	840.40	1/2	1,235.96	1/2	1,668.24	1/2	2,128.10	1/2	2,607.75	1/2	3,100.10	1/2	3,598.54
3/4	25.02	3/4	215.03	3/4	499.60	3/4	848.19	3/4	1,244.62	3/4	1,677.56	3/4	2,137.90	3/4	2,617.90	3/4	3,110.44	3/4	3,608.93
4	27.43	4	220.10	4	506.24	4	855.98	4	1,253.29	4	1,686.88	4	2,147.71	4	2,628.05	4	3,120.79	4	3,619.33
1/4	30.16	1/4	225.32	1/4	512.98	1/4	863.84	1/4	1,262.01	1/4	1,696.25	1/4	2,157.56	1/4	2,638.21	1/4	3,131.14	1/4	3,629.74
1/2	32.89	1/2	230.54	1/2	519.73	1/2	871.70	1/2	1,270.73	1/2	1,705.62	1/2	2,167.40	1/2	2,648.38	1/2	3,141.49	1/2	3,640.14
3/4	35.63	3/4	235.76	3/4	526.47	3/4	879.57	3/4	1,279.45	3/4	1,714.99	3/4	2,177.25	3/4	2,658.55	3/4	3,151.84	3/4	3,650.55
5	38.36	5	240.98	5	533.21	5	887.43	5	1,288.17	5	1,724.36	5	2,187.10	5	2,668.71	5	3,162.19	5	3,660.95
1/4	41.39	1/4	246.34	1/4	540.07	1/4	895.38	1/4	1,296.95	1/4	1,733.77	1/4	2,196.98	1/4	2,678.90	1/4	3,172.55	1/4	3,671.35
1/2	44.42	1/2	251.70	1/2	546.93	1/2	903.33	1/2	1,305.73	1/2	1,743.18	1/2	2,206.86	1/2	2,689.10	1/2	3,182.92	1/2	3,681.75
3/4	47.45	3/4	257.07	3/4	553.79	3/4	911.29	3/4	1,314.51	3/4	1,752.59	3/4	2,216.74	3/4	2,699.29	3/4	3,193.28	3/4	3,692.15
6	50.48	6	262.43	6	560.64	6	919.24	6	1,323.29	6	1,762.00	6	2,226.62	6	2,709.48	6	3,203.64	6	3,702.55
1/4	53.77	1/4	267.94	1/4	567.60	1/4	927.26	1/4	1,332.13	1/4	1,771.46	1/4	2,236.53	1/4	2,719.68	1/4	3,214.02	1/4	3,712.94
1/2	57.06	1/2	273.45	1/2	574.55	1/2	935.29	1/2	1,340.98	1/2	1,780.93	1/2	2,246.44	1/2	2,729.89	1/2	3,224.39	1/2	3,723.33
3/4	60.35	3/4	278.96	3/4	581.50	3/4	943.31	3/4	1,349.82	3/4	1,790.39	3/4	2,256.35	3/4	2,740.10	3/4	3,234.77	3/4	3,733.73
7	63.64	7	284.48	7	588.45	7	951.33	7	1,358.67	7	1,799.86	7	2,266.26	7	2,750.31	7	3,245.14	7	3,744.12
1/4	67.18	1/4	290.12	1/4	595.51	1/4	959.43	1/4	1,367.57	1/4	1,809.36	1/4	2,276.20	1/4	2,760.54	1/4	3,255.52	1/4	3,754.51
1/2	70.71	1/2	295.77	1/2	602.57	1/2	967.54	1/2	1,376.46	1/2	1,818.86	1/2	2,286.14	1/2	2,770.77	1/2	3,265.89	1/2	3,764.91
3/4	74.25	3/4	301.42	3/4	609.63	3/4	975.64	3/4	1,385.36	3/4	1,828.36	3/4	2,296.08	3/4	2,781.01	3/4	3,276.27	3/4	3,775.30
8	77.79	8	307.07	8	616.69	8	983.74	8	1,394.26	8	1,837.86	8	2,306.02	8	2,791.24	8	3,286.64	8	3,785.69
1/4	81.55	1/4	312.86	1/4	623.85	1/4	991.92	1/4	1,403.22	1/4	1,847.40	1/4	2,315.99	1/4	2,801.48	1/4	3,297.03	1/4	3,796.08
1/2	85.32	1/2	318.65	1/2	631.00	1/2	1,000.10	1/2	1,412.18	1/2	1,856.95	1/2	2,325.96	1/2	2,811.73	1/2	3,307.42	1/2	3,806.48
3/4	89.09	3/4	324.45	3/4	638.15	3/4	1,008.27	3/4	1,421.14	3/4	1,866.50	3/4	2,335.93	3/4	2,821.97	3/4	3,317.80	3/4	3,816.87
9	92.86	9	330.24	9	645.31	9	1,016.45	9	1,430.10	9	1,876.05	9	2,345.90	9	2,832.21	9	3,328.19	9	3,827.26
1/4	96.84	1/4	336.15	1/4	652.56	1/4	1,024.70	1/4	1,439.11	1/4	1,885.64	1/4	2,355.90	1/4	2,842.48	1/4	3,338.58	1/4	3,837.64
1/2	100.82	1/2	342.07	1/2	659.81	1/2	1,032.95	1/2	1,448.12	1/2	1,895.23	1/2	2,365.90	1/2	2,852.75	1/2	3,348.96	1/2	3,848.02
3/4	104.80	3/4	347.99	3/4	667.06	3/4	1,041.20	3/4	1,457.13	3/4	1,904.82	3/4	2,375.90	3/4	2,863.02	3/4	3,359.35	3/4	3,858.40
10	108.79	10	353.90	10	674.31	10	1,049.45	10	1,466.14	10	1,914.40	10	2,385.90	10	2,873.29	10	3,369.74	10	3,868.79
1/4	112.97	1/4	359.95	1/4	681.65	1/4	1,057.77	1/4	1,475.21	1/4	1,924.03	1/4	2,395.93	1/4	2,883.57	1/4	3,380.13	1/4	3,879.16
1/2	117.15	1/2	366.00	1/2	689.00	1/2	1,066.10	1/2	1,484.27	1/2	1,933.65	1/2	2,405.95	1/2	2,893.85	1/2	3,390.52	1/2	3,889.54
3/4	121.34	3/4	372.05	3/4	696.35	3/4	1,074.42	3/4	1,493.34	3/4	1,943.28	3/4	2,415.98	3/4	2,904.13	3/4	3,400.92	3/4	3,899.91
11	125.52	11	378.10	11	703.69	11	1,082.74	11	1,502.40	11	1,952.90	11	2,426.00	11	2,914.40	11	3,411.31	11	3,910.29
1/4	129.90	1/4	384.27	1/4	711.13	1/4	1,091.13	1/4	1,511.53	1/4	1,962.57	1/4	2,436.05	1/4	2,924.70	1/4	3,421.71	1/4	3,920.65
1/2	134.27	1/2	390.44	1/2	718.57	1/2	1,099.52	1/2	1,520.65	1/2	1,972.24	1/2	2,446.11	1/2	2,934.99	1/2	3,432.11	1/2	3,931.02
3/4	138.65	3/4	396.61	3/4	726.01	3/4	1,107.92	3/4	1,529.78	3/4	1,981.90	3/4	2,456.16	3/4	2,945.28	3/4	3,442.51	3/4	3,941.39

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BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
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BARGE "USL 145"

PORT HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Table with columns for length (10 FT. to 19 FT.) and depth (0 to 3/4). Each cell contains capacity values in barrels.

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BARGE "USL 145"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN 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	142.76	0	402.26	0	732.79	0	1,115.48	0	1,537.86	0	1,990.33	0	2,464.76	0	2,953.90	0	3,451.00
1/4	0.85	1/4	147.32	1/4	408.55	1/4	740.31	1/4	1,123.93	1/4	1,547.03	1/4	2,000.04	1/4	2,474.83	1/4	2,964.21	1/4	3,461.40
1/2	1.70	1/2	151.87	1/2	414.83	1/2	747.83	1/2	1,132.39	1/2	1,556.20	1/2	2,009.74	1/2	2,484.90	1/2	2,974.51	1/2	3,471.80
3/4	2.55	3/4	156.42	3/4	421.12	3/4	755.36	3/4	1,140.85	3/4	1,565.38	3/4	2,019.44	3/4	2,494.98	3/4	2,984.82	3/4	3,482.20
1	3.40	1	160.98	1	427.40	1	762.88	1	1,149.31	1	1,574.55	1	2,029.14	1	2,505.05	1	2,995.12	1	3,492.60
1/4	4.96	1/4	165.70	1/4	433.82	1/4	770.49	1/4	1,157.83	1/4	1,583.77	1/4	2,038.88	1/4	2,515.15	1/4	3,005.43	1/4	3,502.99
1/2	6.52	1/2	170.43	1/2	440.23	1/2	778.11	1/2	1,166.36	1/2	1,592.99	1/2	2,048.62	1/2	2,525.25	1/2	3,015.75	1/2	3,513.39
3/4	8.08	3/4	175.15	3/4	446.64	3/4	785.72	3/4	1,174.88	3/4	1,602.21	3/4	2,058.36	3/4	2,535.35	3/4	3,026.07	3/4	3,523.79
2	9.64	2	179.88	2	453.05	2	793.33	2	1,183.40	2	1,611.43	2	2,068.10	2	2,545.45	2	3,036.38	2	3,534.19
1/4	11.67	1/4	184.77	1/4	459.57	1/4	801.03	1/4	1,191.99	1/4	1,620.70	1/4	2,077.86	1/4	2,555.57	1/4	3,046.71	1/4	3,544.58
1/2	13.70	1/2	189.67	1/2	466.10	1/2	808.73	1/2	1,200.58	1/2	1,629.96	1/2	2,087.63	1/2	2,565.69	1/2	3,057.04	1/2	3,554.98
3/4	15.73	3/4	194.56	3/4	472.62	3/4	816.42	3/4	1,209.17	3/4	1,639.23	3/4	2,097.40	3/4	2,575.81	3/4	3,067.36	3/4	3,565.37
3	17.76	3	199.45	3	479.14	3	824.12	3	1,217.76	3	1,648.50	3	2,107.17	3	2,585.93	3	3,077.69	3	3,575.76
1/4	20.17	1/4	204.51	1/4	485.77	1/4	831.90	1/4	1,226.42	1/4	1,657.82	1/4	2,116.98	1/4	2,596.07	1/4	3,088.03	1/4	3,586.16
1/2	22.57	1/2	209.57	1/2	492.40	1/2	839.68	1/2	1,235.07	1/2	1,667.13	1/2	2,126.79	1/2	2,606.21	1/2	3,098.37	1/2	3,596.56
3/4	24.98	3/4	214.63	3/4	499.04	3/4	847.46	3/4	1,243.73	3/4	1,676.45	3/4	2,136.60	3/4	2,616.36	3/4	3,108.71	3/4	3,606.96
4	27.38	4	219.69	4	505.67	4	855.24	4	1,252.38	4	1,685.76	4	2,146.40	4	2,626.50	4	3,119.05	4	3,617.36
1/4	30.11	1/4	224.90	1/4	512.41	1/4	863.10	1/4	1,261.10	1/4	1,695.13	1/4	2,156.24	1/4	2,636.67	1/4	3,129.39	1/4	3,627.76
1/2	32.85	1/2	230.11	1/2	519.15	1/2	870.96	1/2	1,269.81	1/2	1,704.50	1/2	2,166.08	1/2	2,646.83	1/2	3,139.74	1/2	3,638.15
3/4	35.58	3/4	235.32	3/4	525.90	3/4	878.83	3/4	1,278.52	3/4	1,713.87	3/4	2,175.92	3/4	2,657.00	3/4	3,150.08	3/4	3,648.55
5	38.31	5	240.52	5	532.64	5	886.69	5	1,287.24	5	1,723.24	5	2,185.76	5	2,667.17	5	3,160.43	5	3,658.95
1/4	41.33	1/4	245.89	1/4	539.49	1/4	894.64	1/4	1,296.02	1/4	1,732.65	1/4	2,195.64	1/4	2,677.36	1/4	3,170.79	1/4	3,669.35
1/2	44.35	1/2	251.25	1/2	546.35	1/2	902.58	1/2	1,304.80	1/2	1,742.06	1/2	2,205.51	1/2	2,687.55	1/2	3,181.14	1/2	3,679.74
3/4	47.36	3/4	256.61	3/4	553.20	3/4	910.53	3/4	1,313.58	3/4	1,751.47	3/4	2,215.39	3/4	2,697.74	3/4	3,191.50	3/4	3,690.13
6	50.38	6	261.98	6	560.05	6	918.48	6	1,322.36	6	1,760.88	6	2,225.26	6	2,707.93	6	3,201.86	6	3,700.52
1/4	53.67	1/4	267.48	1/4	567.00	1/4	926.49	1/4	1,331.20	1/4	1,770.33	1/4	2,235.17	1/4	2,718.13	1/4	3,212.23	1/4	3,710.91
1/2	56.95	1/2	272.99	1/2	573.95	1/2	934.51	1/2	1,340.04	1/2	1,779.79	1/2	2,245.07	1/2	2,728.33	1/2	3,222.60	1/2	3,721.30
3/4	60.24	3/4	278.49	3/4	580.90	3/4	942.53	3/4	1,348.88	3/4	1,789.24	3/4	2,254.98	3/4	2,738.54	3/4	3,232.96	3/4	3,731.68
7	63.52	7	284.00	7	587.86	7	950.55	7	1,357.71	7	1,798.69	7	2,264.88	7	2,748.74	7	3,243.33	7	3,742.07
1/4	67.05	1/4	289.65	1/4	594.91	1/4	958.65	1/4	1,366.61	1/4	1,808.19	1/4	2,274.82	1/4	2,758.96	1/4	3,253.71	1/4	3,752.46
1/2	70.58	1/2	295.30	1/2	601.96	1/2	966.75	1/2	1,375.50	1/2	1,817.69	1/2	2,284.76	1/2	2,769.19	1/2	3,264.08	1/2	3,762.86
3/4	74.11	3/4	300.95	3/4	609.02	3/4	974.85	3/4	1,384.39	3/4	1,827.19	3/4	2,294.70	3/4	2,779.42	3/4	3,274.46	3/4	3,773.25
8	77.64	8	306.60	8	616.07	8	982.95	8	1,393.29	8	1,836.69	8	2,304.64	8	2,789.64	8	3,284.83	8	3,783.64
1/4	81.40	1/4	312.38	1/4	623.22	1/4	991.13	1/4	1,402.24	1/4	1,846.23	1/4	2,314.61	1/4	2,799.89	1/4	3,295.21	1/4	3,794.02
1/2	85.17	1/2	318.17	1/2	630.37	1/2	999.30	1/2	1,411.19	1/2	1,855.77	1/2	2,324.57	1/2	2,810.13	1/2	3,305.58	1/2	3,804.40
3/4	88.93	3/4	323.95	3/4	637.52	3/4	1,007.47	3/4	1,420.14	3/4	1,865.32	3/4	2,334.54	3/4	2,820.38	3/4	3,315.96	3/4	3,814.79
9	92.69	9	329.74	9	644.67	9	1,015.64	9	1,429.10	9	1,874.86	9	2,344.50	9	2,830.62	9	3,326.33	9	3,825.17
1/4	96.67	1/4	335.65	1/4	651.92	1/4	1,023.89	1/4	1,438.11	1/4	1,884.44	1/4	2,354.49	1/4	2,840.88	1/4	3,336.72	1/4	3,835.54
1/2	100.64	1/2	341.57	1/2	659.17	1/2	1,032.14	1/2	1,447.12	1/2	1,894.02	1/2	2,364.49	1/2	2,851.13	1/2	3,347.11	1/2	3,845.92
3/4	104.62	3/4	347.49	3/4	666.42	3/4	1,040.39	3/4	1,456.13	3/4	1,903.61	3/4	2,374.48	3/4	2,861.39	3/4	3,357.49	3/4	3,856.29
10	108.60	10	353.40	10	673.67	10	1,048.64	10	1,465.14	10	1,913.19	10	2,384.48	10	2,871.64	10	3,367.88	10	3,866.67
1/4	112.77	1/4	359.45	1/4	681.01	1/4	1,056.96	1/4	1,474.21	1/4	1,922.82	1/4	2,394.50	1/4	2,881.92	1/4	3,378.27	1/4	3,877.04
1/2	116.94	1/2	365.49	1/2	688.36	1/2	1,065.27	1/2	1,483.27	1/2	1,932.44	1/2	2,404.52	1/2	2,892.19	1/2	3,388.65	1/2	3,887.40
3/4	121.11	3/4	371.53	3/4	695.70	3/4	1,073.59	3/4	1,492.34	3/4	1,942.07	3/4	2,414.55	3/4	2,902.46	3/4	3,399.04	3/4	3,897.77
11	125.29	11	377.57	11	703.05	11	1,081.90	11	1,501.40	11	1,951.69	11	2,424.57	11	2,912.74	11	3,409.43	11	3,908.14
1/4	129.65	1/4	383.74	1/4	710.48	1/4	1,090.30	1/4	1,510.52	1/4	1,961.35	1/4	2,434.62	1/4	2,923.03	1/4	3,419.82	1/4	3,918.51
1/2	134.02	1/2	389.92	1/2	717.92	1/2	1,098.69	1/2	1,519.63	1/2	1,971.01	1/2	2,444.67	1/2	2,933.32	1/2	3,430.21	1/2	3,928.87
3/4	138.39	3/4	396.09	3/4	725.35	3/4	1,107.08	3/4	1,528.74	3/4	1,980.67	3/4	2,454.71	3/4	2,943.61	3/4	3,440.61	3/4	3,939.23

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

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



BARGE "USL 145"

STBD HORIZONTAL INNAGE TABLE

CAPACITIES GIVEN IN 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	3,949.60	0	4,443.19	0	4,925.21	0	5,388.69	0	5,825.95	0	6,228.17	0	6,584.40	0	6,879.50	0	7,086.40	0	
1/4	3,959.95	1/4	4,453.37	1/4	4,935.07	1/4	5,398.08	1/4	5,834.70	1/4	6,236.07	1/4	6,591.20	1/4	6,884.79	1/4	7,089.28	1/4	1/4
1/2	3,970.30	1/2	4,463.55	1/2	4,944.93	1/2	5,407.46	1/2	5,843.44	1/2	6,243.98	1/2	6,598.00	1/2	6,890.07	1/2	7,092.15	1/2	1/2
3/4	3,980.65	3/4	4,473.73	3/4	4,954.79	3/4	5,416.85	3/4	5,852.18	3/4	6,251.88	3/4	6,604.80	3/4	6,895.36	3/4	7,095.03	3/4	3/4
1	3,991.00	1	4,483.90	1	4,964.64	1	5,426.24	1	5,860.93	1	6,259.79	1	6,611.60	1	6,900.64	1	7,097.90	1	
1/4	4,001.35	1/4	4,494.06	1/4	4,974.47	1/4	5,435.58	1/4	5,869.62	1/4	6,267.61	1/4	6,618.28	1/4	6,905.77	1/4	7,100.48	1/4	1/4
1/2	4,011.69	1/2	4,504.21	1/2	4,984.30	1/2	5,444.93	1/2	5,878.31	1/2	6,275.43	1/2	6,624.96	1/2	6,910.90	1/2	7,103.05	1/2	1/2
3/4	4,022.04	3/4	4,514.37	3/4	4,994.13	3/4	5,454.27	3/4	5,887.00	3/4	6,283.25	3/4	6,631.65	3/4	6,916.04	3/4	7,105.62	3/4	3/4
2	4,032.38	2	4,524.52	2	5,003.95	2	5,463.62	2	5,895.69	2	6,291.07	2	6,638.33	2	6,921.17	2	7,108.19	2	
1/4	4,042.71	1/4	4,534.65	1/4	5,013.74	1/4	5,472.91	1/4	5,904.31	1/4	6,298.81	1/4	6,644.92	1/4	6,926.14	1/4	7,110.40	1/4	1/4
1/2	4,053.05	1/2	4,544.79	1/2	5,023.54	1/2	5,482.20	1/2	5,912.93	1/2	6,306.55	1/2	6,651.50	1/2	6,931.12	1/2	7,112.62	1/2	1/2
3/4	4,063.38	3/4	4,554.92	3/4	5,033.33	3/4	5,491.49	3/4	5,921.55	3/4	6,314.29	3/4	6,658.08	3/4	6,936.10	3/4	7,114.83	3/4	3/4
3	4,073.71	3	4,565.05	3	5,043.12	3	5,500.79	3	5,930.17	3	6,322.02	3	6,664.67	3	6,941.07	3	7,117.05	3	
1/4	4,084.04	1/4	4,575.16	1/4	5,052.88	1/4	5,510.03	1/4	5,938.73	1/4	6,329.68	1/4	6,671.13	1/4	6,945.89	1/4	7,118.84	1/4	1/4
1/2	4,094.36	1/2	4,585.27	1/2	5,062.63	1/2	5,519.27	1/2	5,947.29	1/2	6,337.33	1/2	6,677.60	1/2	6,950.70	1/2	7,120.63	1/2	1/2
3/4	4,104.68	3/4	4,595.39	3/4	5,072.39	3/4	5,528.52	3/4	5,955.85	3/4	6,344.99	3/4	6,684.06	3/4	6,955.52	3/4	7,122.42	3/4	3/4
4	4,115.00	4	4,605.50	4	5,082.14	4	5,537.76	4	5,964.40	4	6,352.64	4	6,690.52	4	6,960.33	4	7,124.21	4	
1/4	4,125.31	1/4	4,615.58	1/4	5,091.86	1/4	5,546.96	1/4	5,972.89	1/4	6,360.21	1/4	6,696.87	1/4	6,964.97	1/4	7,125.42	1/4	1/4
1/2	4,135.62	1/2	4,625.67	1/2	5,101.57	1/2	5,556.15	1/2	5,981.38	1/2	6,367.79	1/2	6,703.21	1/2	6,969.61	1/2	7,126.63	1/2	1/2
3/4	4,145.93	3/4	4,635.75	3/4	5,111.29	3/4	5,565.35	3/4	5,989.87	3/4	6,375.36	3/4	6,709.56	3/4	6,974.24	3/4	7,127.84	3/4	3/4
5	4,156.24	5	4,645.83	5	5,121.00	5	5,574.55	5	5,998.36	5	6,382.93	5	6,715.90	5	6,978.88	5	7,129.05	5	
1/4	4,166.54	1/4	4,655.89	1/4	5,130.68	1/4	5,583.69	1/4	6,006.78	1/4	6,390.40	1/4	6,722.14	1/4	6,983.34	1/4	7,129.90	1/4	1/4
1/2	4,176.83	1/2	4,665.95	1/2	5,140.37	1/2	5,592.83	1/2	6,015.20	1/2	6,397.88	1/2	6,728.37	1/2	6,987.80	1/2	7,130.76	1/2	1/2
3/4	4,187.13	3/4	4,676.01	3/4	5,150.05	3/4	5,601.98	3/4	6,023.63	3/4	6,405.36	3/4	6,734.60	3/4	6,992.26	3/4		3/4	3/4
6	4,197.43	6	4,686.07	6	5,159.74	6	5,611.12	6	6,032.05	6	6,412.83	6	6,740.83	6	6,996.71	6		6	
1/4	4,207.71	1/4	4,696.11	1/4	5,169.38	1/4	5,620.21	1/4	6,040.40	1/4	6,420.22	1/4	6,746.94	1/4	7,000.99	1/4		1/4	1/4
1/2	4,217.99	1/2	4,706.14	1/2	5,179.02	1/2	5,629.30	1/2	6,048.76	1/2	6,427.61	1/2	6,753.05	1/2	7,005.26	1/2		1/2	1/2
3/4	4,228.27	3/4	4,716.18	3/4	5,188.67	3/4	5,638.39	3/4	6,057.12	3/4	6,434.99	3/4	6,759.15	3/4	7,009.54	3/4		3/4	3/4
7	4,238.55	7	4,726.21	7	5,198.31	7	5,647.48	7	6,065.48	7	6,442.38	7	6,765.26	7	7,013.81	7		7	
1/4	4,248.82	1/4	4,736.23	1/4	5,207.91	1/4	5,656.51	1/4	6,073.76	1/4	6,449.68	1/4	6,771.24	1/4	7,017.88	1/4		1/4	1/4
1/2	4,259.08	1/2	4,746.24	1/2	5,217.51	1/2	5,665.55	1/2	6,082.04	1/2	6,456.98	1/2	6,777.21	1/2	7,021.95	1/2		1/2	1/2
3/4	4,269.35	3/4	4,756.25	3/4	5,227.11	3/4	5,674.58	3/4	6,090.32	3/4	6,464.27	3/4	6,783.19	3/4	7,026.02	3/4		3/4	3/4
8	4,279.62	8	4,766.26	8	5,236.71	8	5,683.62	8	6,098.60	8	6,471.57	8	6,789.17	8	7,030.10	8		8	
1/4	4,289.87	1/4	4,776.24	1/4	5,246.28	1/4	5,692.60	1/4	6,106.81	1/4	6,478.77	1/4	6,795.02	1/4	7,033.96	1/4		1/4	1/4
1/2	4,300.12	1/2	4,786.21	1/2	5,255.85	1/2	5,701.58	1/2	6,115.02	1/2	6,485.98	1/2	6,800.87	1/2	7,037.83	1/2		1/2	1/2
3/4	4,310.37	3/4	4,796.19	3/4	5,265.41	3/4	5,710.57	3/4	6,123.24	3/4	6,493.18	3/4	6,806.72	3/4	7,041.70	3/4		3/4	3/4
9	4,320.62	9	4,806.17	9	5,274.98	9	5,719.55	9	6,131.45	9	6,500.38	9	6,812.57	9	7,045.57	9		9	
1/4	4,330.85	1/4	4,816.12	1/4	5,284.49	1/4	5,728.47	1/4	6,139.58	1/4	6,507.48	1/4	6,818.29	1/4	7,049.21	1/4		1/4	1/4
1/2	4,341.08	1/2	4,826.07	1/2	5,294.01	1/2	5,737.39	1/2	6,147.71	1/2	6,514.58	1/2	6,824.01	1/2	7,052.86	1/2		1/2	1/2
3/4	4,351.32	3/4	4,836.02	3/4	5,303.53	3/4	5,746.32	3/4	6,155.85	3/4	6,521.68	3/4	6,829.73	3/4	7,056.50	3/4		3/4	3/4
10	4,361.55	10	4,845.98	10	5,313.05	10	5,755.24	10	6,163.98	10	6,528.79	10	6,835.45	10	7,060.14	10		10	
1/4	4,371.76	1/4	4,855.90	1/4	5,322.52	1/4	5,764.11	1/4	6,172.04	1/4	6,535.79	1/4	6,841.03	1/4	7,063.55	1/4		1/4	1/4
1/2	4,381.98	1/2	4,865.82	1/2	5,332.00	1/2	5,772.98	1/2	6,180.11	1/2	6,542.80	1/2	6,846.61	1/2	7,066.96	1/2		1/2	1/2
3/4	4,392.19	3/4	4,875.74	3/4	5,341.48	3/4	5,781.85	3/4	6,188.17	3/4	6,549.80	3/4	6,852.18	3/4	7,070.37	3/4		3/4	3/4
11	4,402.40	11	4,885.67	11	5,350.95	11	5,790.71	11	6,196.24	11	6,556.81	11	6,857.76	11	7,073.79	11		11	
1/4	4,412.60	1/4	4,895.55	1/4	5,360.39	1/4	5,799.52	1/4	6,204.22	1/4	6,563.71	1/4	6,863.20	1/4	7,076.94	1/4		1/4	1/4
1/2	4,422.80	1/2	4,905.44	1/2	5,369.82	1/2	5,808.33	1/2	6,212.20	1/2	6,570.61	1/2	6,868.63	1/2	7,080.10	1/2		1/2	1/2
3/4	4,432.99	3/4	4,915.33	3/4	5,379.26	3/4	5,817.14	3/4	6,220.18	3/4	6,577.51	3/4	6,874.07	3/4	7,083.25	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2017

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