



BARGE "USL 147"

PORT 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	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
1/4	0.92	1/4	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
1/2	1.85	1/2	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
3/4	2.77	3/4	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
1	3.69	1	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
1/4	5.36	1/4	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
1/2	7.04	1/2	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
3/4	8.71	3/4	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
2	10.38	2	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
1/4	12.54	1/4	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
1/2	14.70	1/2	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
3/4	16.86	3/4	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	19.02	3	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
1/4	21.58	1/4	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
1/2	24.13	1/2	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
3/4	26.68	3/4	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
4	29.24	4	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
1/4	32.13	1/4	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
1/2	35.02	1/2	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
3/4	37.92	3/4	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
5	40.81	5	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
1/4	43.99	1/4	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
1/2	47.18	1/2	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
3/4	50.36	3/4	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
6	53.55	6	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
1/4	57.01	1/4	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
1/2	60.48	1/2	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
3/4	63.94	3/4	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
7	67.40	7	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
1/4	71.11	1/4	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
1/2	74.82	1/2	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
3/4	78.53	3/4	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
8	82.24	8	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
1/4	86.17	1/4	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
1/2	90.11	1/2	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
3/4	94.04	3/4	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
9	97.98	9	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
1/4	102.13	1/4	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
1/2	106.29	1/2	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
3/4	110.44	3/4	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
10	114.60	10	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
1/4	118.95	1/4	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	2,894.05	1/4	3,384.21	1/4	3,876.69
1/2	123.31	1/2	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
3/4	127.67	3/4	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
11	132.02	11	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
1/4	136.57	1/4	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
1/2	141.12	1/2	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
3/4	145.67	3/4	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

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BARGE "USL 147"

PORT 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	3,948.36	0	4,436.31	0	4,913.95	0	5,374.93	0	5,812.07	0	6,217.29	0	6,579.86	0	6,884.79	0	7,104.86	0	
1/4	3,958.58	1/4	4,446.38	1/4	4,923.74	1/4	5,384.29	1/4	5,820.85	1/4	6,225.29	1/4	6,586.82	1/4	6,890.32	1/4	7,108.04	1/4	
1/2	3,968.81	1/2	4,456.45	1/2	4,933.52	1/2	5,393.65	1/2	5,829.63	1/2	6,233.29	1/2	6,593.79	1/2	6,895.85	1/2	7,111.23	1/2	
3/4	3,979.04	3/4	4,466.52	3/4	4,943.31	3/4	5,403.02	3/4	5,838.41	3/4	6,241.29	3/4	6,600.75	3/4	6,901.38	3/4	7,114.41	3/4	
1	3,989.26	1	4,476.60	1	4,953.10	1	5,412.38	1	5,847.19	1	6,249.29	1	6,607.71	1	6,906.90	1	7,117.60	1	
1/4	3,999.48	1/4	4,486.65	1/4	4,962.85	1/4	5,421.70	1/4	5,855.92	1/4	6,257.21	1/4	6,614.58	1/4	6,912.29	1/4	7,120.49	1/4	
1/2	4,009.70	1/2	4,496.70	1/2	4,972.61	1/2	5,431.02	1/2	5,864.64	1/2	6,265.14	1/2	6,621.45	1/2	6,917.67	1/2	7,123.38	1/2	
3/4	4,019.92	3/4	4,506.76	3/4	4,982.36	3/4	5,440.35	3/4	5,873.37	3/4	6,273.07	3/4	6,628.32	3/4	6,923.05	3/4	7,126.27	3/4	
2	4,030.14	2	4,516.81	2	4,992.12	2	5,449.67	2	5,882.10	2	6,281.00	2	6,635.19	2	6,928.43	2	7,129.17	2	
1/4	4,040.35	1/4	4,526.84	1/4	5,001.85	1/4	5,458.94	1/4	5,890.76	1/4	6,288.85	1/4	6,641.95	1/4	6,933.66	1/4	7,131.72	1/4	
1/2	4,050.56	1/2	4,536.87	1/2	5,011.57	1/2	5,468.21	1/2	5,899.42	1/2	6,296.70	1/2	6,648.71	1/2	6,938.89	1/2	7,134.27	1/2	
3/4	4,060.77	3/4	4,546.90	3/4	5,021.30	3/4	5,477.49	3/4	5,908.08	3/4	6,304.55	3/4	6,655.48	3/4	6,944.13	3/4	7,136.83	3/4	
3	4,070.98	3	4,556.93	3	5,031.02	3	5,486.76	3	5,916.74	3	6,312.40	3	6,662.24	3	6,949.36	3	7,139.38	3	
1/4	4,081.18	1/4	4,566.94	1/4	5,040.71	1/4	5,495.99	1/4	5,925.35	1/4	6,320.17	1/4	6,668.89	1/4	6,954.43	1/4	7,141.54	1/4	
1/2	4,091.38	1/2	4,576.95	1/2	5,050.40	1/2	5,505.23	1/2	5,933.95	1/2	6,327.94	1/2	6,675.55	1/2	6,959.50	1/2	7,143.70	1/2	
3/4	4,101.58	3/4	4,586.96	3/4	5,060.10	3/4	5,514.46	3/4	5,942.56	3/4	6,335.71	3/4	6,682.20	3/4	6,964.57	3/4	7,145.86	3/4	
4	4,111.79	4	4,596.98	4	5,069.79	4	5,523.69	4	5,951.17	4	6,343.48	4	6,688.86	4	6,969.64	4	7,148.02	4	
1/4	4,121.97	1/4	4,606.96	1/4	5,079.45	1/4	5,532.88	1/4	5,959.71	1/4	6,351.17	1/4	6,695.40	1/4	6,974.55	1/4	7,149.70	1/4	
1/2	4,132.15	1/2	4,616.95	1/2	5,089.11	1/2	5,542.07	1/2	5,968.26	1/2	6,358.86	1/2	6,701.94	1/2	6,979.45	1/2	7,151.37	1/2	
3/4	4,142.34	3/4	4,626.94	3/4	5,098.77	3/4	5,551.26	3/4	5,976.81	3/4	6,366.55	3/4	6,708.48	3/4	6,984.36	3/4	7,153.04	3/4	
5	4,152.52	5	4,636.93	5	5,108.43	5	5,560.45	5	5,985.36	5	6,374.24	5	6,715.02	5	6,989.26	5	7,154.71	5	
1/4	4,162.70	1/4	4,646.90	1/4	5,118.06	1/4	5,569.59	1/4	5,993.83	1/4	6,381.85	1/4	6,721.46	1/4	6,993.99	1/4	7,155.64	1/4	
1/2	4,172.88	1/2	4,656.87	1/2	5,127.69	1/2	5,578.73	1/2	6,002.31	1/2	6,389.46	1/2	6,727.89	1/2	6,998.73	1/2	7,156.56	1/2	
3/4	4,183.06	3/4	4,666.84	3/4	5,137.32	3/4	5,587.86	3/4	6,010.79	3/4	6,397.08	3/4	6,734.33	3/4	7,003.46	3/4	7,157.48	3/4	
6	4,193.24	6	4,676.81	6	5,146.95	6	5,597.00	6	6,019.26	6	6,404.69	6	6,740.76	6	7,008.19	6	7,158.40	6	
1/4	4,203.40	1/4	4,686.75	1/4	5,156.54	1/4	5,606.10	1/4	6,027.68	1/4	6,412.21	1/4	6,747.08	1/4	7,012.74	1/4		1/4	
1/2	4,213.57	1/2	4,696.69	1/2	5,166.13	1/2	5,615.19	1/2	6,036.11	1/2	6,419.74	1/2	6,753.39	1/2	7,017.29	1/2		1/2	
3/4	4,223.74	3/4	4,706.63	3/4	5,175.72	3/4	5,624.29	3/4	6,044.53	3/4	6,427.26	3/4	6,759.71	3/4	7,021.83	3/4		3/4	
7	4,233.90	7	4,716.57	7	5,185.31	7	5,633.38	7	6,052.95	7	6,434.79	7	6,766.02	7	7,026.38	7		7	
1/4	4,244.05	1/4	4,726.49	1/4	5,194.87	1/4	5,642.42	1/4	6,061.30	1/4	6,442.22	1/4	6,772.21	1/4	7,030.74	1/4		1/4	
1/2	4,254.20	1/2	4,736.42	1/2	5,204.43	1/2	5,651.46	1/2	6,069.65	1/2	6,449.65	1/2	6,778.40	1/2	7,035.10	1/2		1/2	
3/4	4,264.35	3/4	4,746.34	3/4	5,213.99	3/4	5,660.51	3/4	6,078.01	3/4	6,457.09	3/4	6,784.60	3/4	7,039.45	3/4		3/4	
8	4,274.50	8	4,756.26	8	5,223.55	8	5,669.55	8	6,086.36	8	6,464.52	8	6,790.79	8	7,043.81	8		8	
1/4	4,284.64	1/4	4,766.16	1/4	5,233.07	1/4	5,678.54	1/4	6,094.64	1/4	6,471.87	1/4	6,796.86	1/4	7,047.96	1/4		1/4	
1/2	4,294.77	1/2	4,776.06	1/2	5,242.58	1/2	5,687.54	1/2	6,102.93	1/2	6,479.21	1/2	6,802.93	1/2	7,052.12	1/2		1/2	
3/4	4,304.91	3/4	4,785.96	3/4	5,252.10	3/4	5,696.53	3/4	6,111.21	3/4	6,486.56	3/4	6,809.00	3/4	7,056.27	3/4		3/4	
9	4,315.05	9	4,795.86	9	5,261.62	9	5,705.52	9	6,119.50	9	6,493.90	9	6,815.07	9	7,060.43	9		9	
1/4	4,325.17	1/4	4,805.73	1/4	5,271.10	1/4	5,714.46	1/4	6,127.72	1/4	6,501.16	1/4	6,821.02	1/4	7,064.37	1/4		1/4	
1/2	4,335.30	1/2	4,815.60	1/2	5,280.58	1/2	5,723.40	1/2	6,135.94	1/2	6,508.42	1/2	6,826.96	1/2	7,068.31	1/2		1/2	
3/4	4,345.42	3/4	4,825.46	3/4	5,290.07	3/4	5,732.35	3/4	6,144.16	3/4	6,515.67	3/4	6,832.91	3/4	7,072.25	3/4		3/4	
10	4,355.55	10	4,835.33	10	5,299.55	10	5,741.29	10	6,152.38	10	6,522.93	10	6,838.86	10	7,076.19	10		10	
1/4	4,365.65	1/4	4,845.17	1/4	5,308.99	1/4	5,750.17	1/4	6,160.53	1/4	6,530.10	1/4	6,844.67	1/4	7,079.89	1/4		1/4	
1/2	4,375.75	1/2	4,855.01	1/2	5,318.43	1/2	5,759.06	1/2	6,168.68	1/2	6,537.26	1/2	6,850.48	1/2	7,083.60	1/2		1/2	
3/4	4,385.85	3/4	4,864.85	3/4	5,327.87	3/4	5,767.95	3/4	6,176.83	3/4	6,544.43	3/4	6,856.29	3/4	7,087.30	3/4		3/4	
11	4,395.95	11	4,874.69	11	5,337.31	11	5,776.83	11	6,184.98	11	6,551.60	11	6,862.10	11	7,091.00	11		11	
1/4	4,406.04	1/4	4,884.51	1/4	5,346.71	1/4	5,785.64	1/4	6,193.05	1/4	6,558.66	1/4	6,867.77	1/4	7,094.46	1/4		1/4	
1/2	4,416.13	1/2	4,894.32	1/2	5,356.12	1/2	5,794.45	1/2	6,201.13	1/2	6,565.73	1/2	6,873.44	1/2	7,097.93	1/2		1/2	
3/4	4,426.22	3/4	4,904.14	3/4	5,365.52	3/4	5,803.26	3/4	6,209.21	3/4	6,572.79	3/4	6,879.11	3/4	7,101.39	3/4		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.
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BARGE "USL 147"

STBD 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	150.05	0	417.20	0	752.91	0	1,137.93	0	1,559.74	0	2,009.34	0	2,478.95	0	2,962.01	0	3,452.35
1/4	0.92	1/4	154.78	1/4	423.63	1/4	760.52	1/4	1,146.40	1/4	1,568.88	1/4	2,018.95	1/4	2,488.91	1/4	2,972.18	1/4	3,462.60
1/2	1.84	1/2	159.51	1/2	430.05	1/2	768.12	1/2	1,154.88	1/2	1,578.01	1/2	2,028.56	1/2	2,498.87	1/2	2,982.35	1/2	3,472.85
3/4	2.76	3/4	164.24	3/4	436.48	3/4	775.73	3/4	1,163.35	3/4	1,587.14	3/4	2,038.18	3/4	2,508.83	3/4	2,992.51	3/4	3,483.10
1	3.69	1	168.96	1	442.91	1	783.33	1	1,171.82	1	1,596.28	1	2,047.79	1	2,518.79	1	3,002.68	1	3,493.35
1/4	5.36	1/4	173.86	1/4	449.44	1/4	791.01	1/4	1,180.36	1/4	1,605.45	1/4	2,057.44	1/4	2,528.77	1/4	3,012.86	1/4	3,503.61
1/2	7.03	1/2	178.76	1/2	455.98	1/2	798.70	1/2	1,188.89	1/2	1,614.62	1/2	2,067.10	1/2	2,538.75	1/2	3,023.03	1/2	3,513.86
3/4	8.70	3/4	183.66	3/4	462.51	3/4	806.38	3/4	1,197.42	3/4	1,623.80	3/4	2,076.75	3/4	2,548.72	3/4	3,033.20	3/4	3,524.12
2	10.37	2	188.56	2	469.05	2	814.06	2	1,205.95	2	1,632.97	2	2,086.40	2	2,558.70	2	3,043.38	2	3,534.38
1/4	12.53	1/4	193.63	1/4	475.70	1/4	821.82	1/4	1,214.55	1/4	1,642.20	1/4	2,096.08	1/4	2,568.70	1/4	3,053.57	1/4	3,544.63
1/2	14.69	1/2	198.69	1/2	482.34	1/2	829.58	1/2	1,223.15	1/2	1,651.42	1/2	2,105.76	1/2	2,578.70	1/2	3,063.76	1/2	3,554.89
3/4	16.85	3/4	203.76	3/4	488.99	3/4	837.34	3/4	1,231.75	3/4	1,660.64	3/4	2,115.44	3/4	2,588.71	3/4	3,073.95	3/4	3,565.15
3	19.00	3	208.83	3	495.64	3	845.10	3	1,240.35	3	1,669.86	3	2,125.12	3	2,598.71	3	3,084.14	3	3,575.40
1/4	21.55	1/4	214.05	1/4	502.39	1/4	852.94	1/4	1,249.00	1/4	1,679.13	1/4	2,134.83	1/4	2,608.73	1/4	3,094.34	1/4	3,585.67
1/2	24.11	1/2	219.28	1/2	509.15	1/2	860.79	1/2	1,257.65	1/2	1,688.39	1/2	2,144.55	1/2	2,618.75	1/2	3,104.54	1/2	3,595.93
3/4	26.66	3/4	224.51	3/4	515.90	3/4	868.63	3/4	1,266.30	3/4	1,697.66	3/4	2,154.26	3/4	2,628.76	3/4	3,114.73	3/4	3,606.19
4	29.21	4	229.73	4	522.66	4	876.47	4	1,274.95	4	1,706.92	4	2,163.98	4	2,638.78	4	3,124.93	4	3,616.46
1/4	32.10	1/4	235.11	1/4	529.52	1/4	884.39	1/4	1,283.67	1/4	1,716.23	1/4	2,173.73	1/4	2,648.83	1/4	3,135.14	1/4	3,626.70
1/2	34.99	1/2	240.48	1/2	536.38	1/2	892.31	1/2	1,292.39	1/2	1,725.54	1/2	2,183.47	1/2	2,658.87	1/2	3,145.35	1/2	3,636.95
3/4	37.88	3/4	245.86	3/4	543.24	3/4	900.23	3/4	1,301.10	3/4	1,734.85	3/4	2,193.22	3/4	2,668.91	3/4	3,155.56	3/4	3,647.19
5	40.77	5	251.23	5	550.10	5	908.15	5	1,309.82	5	1,744.17	5	2,202.96	5	2,678.96	5	3,165.77	5	3,657.44
1/4	43.95	1/4	256.76	1/4	557.06	1/4	916.14	1/4	1,318.59	1/4	1,753.52	1/4	2,212.74	1/4	2,689.02	1/4	3,175.98	1/4	3,667.69
1/2	47.13	1/2	262.28	1/2	564.02	1/2	924.13	1/2	1,327.36	1/2	1,762.87	1/2	2,222.51	1/2	2,699.08	1/2	3,186.20	1/2	3,677.94
3/4	50.31	3/4	267.80	3/4	570.98	3/4	932.13	3/4	1,336.13	3/4	1,772.22	3/4	2,232.29	3/4	2,709.14	3/4	3,196.42	3/4	3,688.19
6	53.49	6	273.33	6	577.93	6	940.12	6	1,344.90	6	1,781.58	6	2,242.06	6	2,719.20	6	3,206.63	6	3,698.44
1/4	56.95	1/4	278.99	1/4	584.99	1/4	948.19	1/4	1,353.70	1/4	1,790.97	1/4	2,251.87	1/4	2,729.28	1/4	3,216.86	1/4	3,708.69
1/2	60.41	1/2	284.66	1/2	592.05	1/2	956.25	1/2	1,362.50	1/2	1,800.37	1/2	2,261.67	1/2	2,739.36	1/2	3,227.09	1/2	3,718.94
3/4	63.87	3/4	290.33	3/4	599.11	3/4	964.32	3/4	1,371.30	3/4	1,809.76	3/4	2,271.48	3/4	2,749.43	3/4	3,237.31	3/4	3,729.19
7	67.33	7	295.99	7	606.16	7	972.39	7	1,380.10	7	1,819.16	7	2,281.28	7	2,759.51	7	3,247.54	7	3,739.44
1/4	71.04	1/4	301.80	1/4	613.32	1/4	980.53	1/4	1,388.98	1/4	1,828.59	1/4	2,291.12	1/4	2,769.60	1/4	3,257.77	1/4	3,749.69
1/2	74.74	1/2	307.60	1/2	620.48	1/2	988.67	1/2	1,397.86	1/2	1,838.02	1/2	2,300.95	1/2	2,779.69	1/2	3,267.99	1/2	3,759.93
3/4	78.45	3/4	313.40	3/4	627.64	3/4	996.81	3/4	1,406.73	3/4	1,847.45	3/4	2,310.79	3/4	2,789.78	3/4	3,278.22	3/4	3,770.18
8	82.15	8	319.21	8	634.80	8	1,004.95	8	1,415.61	8	1,856.88	8	2,320.62	8	2,799.87	8	3,288.45	8	3,780.42
1/4	86.08	1/4	325.15	1/4	642.05	1/4	1,013.16	1/4	1,424.54	1/4	1,866.35	1/4	2,330.48	1/4	2,809.99	1/4	3,298.69	1/4	3,790.66
1/2	90.01	1/2	331.09	1/2	649.30	1/2	1,021.38	1/2	1,433.47	1/2	1,875.82	1/2	2,340.34	1/2	2,820.10	1/2	3,308.93	1/2	3,800.90
3/4	93.94	3/4	337.03	3/4	656.54	3/4	1,029.59	3/4	1,442.40	3/4	1,885.29	3/4	2,350.20	3/4	2,830.22	3/4	3,319.17	3/4	3,811.14
9	97.87	9	342.97	9	663.79	9	1,037.80	9	1,451.33	9	1,894.77	9	2,360.06	9	2,840.33	9	3,329.40	9	3,821.38
1/4	102.02	1/4	349.03	1/4	671.13	1/4	1,046.08	1/4	1,460.32	1/4	1,904.28	1/4	2,369.94	1/4	2,850.46	1/4	3,339.64	1/4	3,831.62
1/2	106.17	1/2	355.10	1/2	678.47	1/2	1,054.35	1/2	1,469.30	1/2	1,913.79	1/2	2,379.82	1/2	2,860.58	1/2	3,349.88	1/2	3,841.86
3/4	110.32	3/4	361.16	3/4	685.81	3/4	1,062.63	3/4	1,478.29	3/4	1,923.31	3/4	2,389.70	3/4	2,870.71	3/4	3,360.12	3/4	3,852.10
10	114.47	10	367.23	10	693.14	10	1,070.91	10	1,487.27	10	1,932.82	10	2,399.59	10	2,880.84	10	3,370.36	10	3,862.34
1/4	118.83	1/4	373.41	1/4	700.58	1/4	1,079.25	1/4	1,496.30	1/4	1,942.37	1/4	2,409.50	1/4	2,890.97	1/4	3,380.61	1/4	3,872.56
1/2	123.18	1/2	379.60	1/2	708.01	1/2	1,087.59	1/2	1,505.34	1/2	1,951.91	1/2	2,419.41	1/2	2,901.11	1/2	3,390.86	1/2	3,882.79
3/4	127.53	3/4	385.78	3/4	715.44	3/4	1,095.93	3/4	1,514.37	3/4	1,961.45	3/4	2,429.32	3/4	2,911.25	3/4	3,401.11	3/4	3,893.02
11	131.88	11	391.96	11	722.87	11	1,104.28	11	1,523.40	11	1,971.00	11	2,439.23	11	2,921.39	11	3,411.37	11	3,903.25
1/4	136.43	1/4	398.27	1/4	730.38	1/4	1,112.69	1/4	1,532.49	1/4	1,980.58	1/4	2,449.16	1/4	2,931.54	1/4	3,421.61	1/4	3,913.47
1/2	140.97	1/2	404.58	1/2	737.89	1/2	1,121.10	1/2	1,541.57	1/2	1,990.17	1/2	2,459.09	1/2	2,941.70	1/2	3,431.86	1/2	3,923.70
3/4	145.51	3/4	410.89	3/4	745.40	3/4	1,129.52	3/4	1,550.66	3/4	1,999.75	3/4	2,469.02	3/4	2,951.85	3/4	3,442.10	3/4	3,933.93

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.
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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

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	3,944.15	0	4,431.59	0	4,908.72	0	5,369.21	0	5,805.89	0	6,210.67	0	6,572.85	0	6,877.46	0	7,097.29	0	
1/4	3,954.37	1/4	4,441.65	1/4	4,918.50	1/4	5,378.56	1/4	5,814.66	1/4	6,218.66	1/4	6,579.81	1/4	6,882.98	1/4	7,100.48	1/4	
1/2	3,964.59	1/2	4,451.71	1/2	4,928.27	1/2	5,387.91	1/2	5,823.43	1/2	6,226.65	1/2	6,586.77	1/2	6,888.51	1/2	7,103.66	1/2	
3/4	3,974.80	3/4	4,461.77	3/4	4,938.05	3/4	5,397.27	3/4	5,832.20	3/4	6,234.64	3/4	6,593.72	3/4	6,894.03	3/4	7,106.84	3/4	
1	3,985.02	1	4,471.83	1	4,947.82	1	5,406.62	1	5,840.97	1	6,242.63	1	6,600.68	1	6,899.55	1	7,110.02	1	
1/4	3,995.22	1/4	4,481.87	1/4	4,957.57	1/4	5,415.93	1/4	5,849.68	1/4	6,250.55	1/4	6,607.54	1/4	6,904.93	1/4	7,112.91	1/4	
1/2	4,005.43	1/2	4,491.92	1/2	4,967.31	1/2	5,425.24	1/2	5,858.40	1/2	6,258.47	1/2	6,614.40	1/2	6,910.30	1/2	7,115.80	1/2	
3/4	4,015.64	3/4	4,501.96	3/4	4,977.06	3/4	5,434.55	3/4	5,867.12	3/4	6,266.39	3/4	6,621.27	3/4	6,915.68	3/4	7,118.69	3/4	
2	4,025.85	2	4,512.00	2	4,986.81	2	5,443.87	2	5,875.83	2	6,274.31	2	6,628.13	2	6,921.05	2	7,121.58	2	
1/4	4,036.05	1/4	4,522.02	1/4	4,996.52	1/4	5,453.13	1/4	5,884.49	1/4	6,282.16	1/4	6,634.88	1/4	6,926.28	1/4	7,124.13	1/4	
1/2	4,046.25	1/2	4,532.04	1/2	5,006.24	1/2	5,462.39	1/2	5,893.14	1/2	6,290.00	1/2	6,641.64	1/2	6,931.51	1/2	7,126.68	1/2	
3/4	4,056.45	3/4	4,542.06	3/4	5,015.95	3/4	5,471.66	3/4	5,901.79	3/4	6,297.84	3/4	6,648.39	3/4	6,936.73	3/4	7,129.23	3/4	
3	4,066.64	3	4,552.08	3	5,025.67	3	5,480.92	3	5,910.44	3	6,305.69	3	6,655.15	3	6,941.96	3	7,131.78	3	
1/4	4,076.83	1/4	4,562.08	1/4	5,035.35	1/4	5,490.14	1/4	5,919.04	1/4	6,313.45	1/4	6,661.79	1/4	6,947.03	1/4	7,133.94	1/4	
1/2	4,087.03	1/2	4,572.08	1/2	5,045.03	1/2	5,499.37	1/2	5,927.64	1/2	6,321.21	1/2	6,668.44	1/2	6,952.09	1/2	7,136.10	1/2	
3/4	4,097.22	3/4	4,582.08	3/4	5,054.71	3/4	5,508.59	3/4	5,936.23	3/4	6,328.96	3/4	6,675.09	3/4	6,957.16	3/4	7,138.26	3/4	
4	4,107.41	4	4,592.08	4	5,064.39	4	5,517.81	4	5,944.83	4	6,336.72	4	6,681.74	4	6,962.22	4	7,140.42	4	
1/4	4,117.58	1/4	4,602.06	1/4	5,074.04	1/4	5,526.99	1/4	5,953.37	1/4	6,344.41	1/4	6,688.27	1/4	6,967.12	1/4	7,142.09	1/4	
1/2	4,127.76	1/2	4,612.04	1/2	5,083.69	1/2	5,536.17	1/2	5,961.91	1/2	6,352.09	1/2	6,694.81	1/2	6,972.02	1/2	7,143.76	1/2	
3/4	4,137.93	3/4	4,622.02	3/4	5,093.34	3/4	5,545.35	3/4	5,970.45	3/4	6,359.77	3/4	6,701.34	3/4	6,976.92	3/4	7,145.43	3/4	
5	4,148.10	5	4,631.99	5	5,102.99	5	5,554.53	5	5,978.99	5	6,367.45	5	6,707.88	5	6,981.82	5	7,147.10	5	
1/4	4,158.27	1/4	4,641.95	1/4	5,112.61	1/4	5,563.66	1/4	5,987.45	1/4	6,375.06	1/4	6,714.30	1/4	6,986.55	1/4	7,148.02	1/4	
1/2	4,168.44	1/2	4,651.91	1/2	5,122.23	1/2	5,572.79	1/2	5,995.92	1/2	6,382.66	1/2	6,720.73	1/2	6,991.28	1/2	7,148.94	1/2	
3/4	4,178.61	3/4	4,661.87	3/4	5,131.85	3/4	5,581.92	3/4	6,004.39	3/4	6,390.27	3/4	6,727.16	3/4	6,996.00	3/4	7,149.86	3/4	
6	4,188.77	6	4,671.83	6	5,141.47	6	5,591.04	6	6,012.86	6	6,397.87	6	6,733.59	6	7,000.73	6	7,150.79	6	
1/4	4,198.93	1/4	4,681.76	1/4	5,151.05	1/4	5,600.13	1/4	6,021.27	1/4	6,405.39	1/4	6,739.90	1/4	7,005.27	1/4		1/4	
1/2	4,209.09	1/2	4,691.69	1/2	5,160.63	1/2	5,609.21	1/2	6,029.68	1/2	6,412.91	1/2	6,746.20	1/2	7,009.82	1/2		1/2	
3/4	4,219.24	3/4	4,701.62	3/4	5,170.21	3/4	5,618.30	3/4	6,038.10	3/4	6,420.42	3/4	6,752.51	3/4	7,014.36	3/4		3/4	
7	4,229.40	7	4,711.55	7	5,179.79	7	5,627.38	7	6,046.51	7	6,427.94	7	6,758.82	7	7,018.90	7		7	
1/4	4,239.54	1/4	4,721.46	1/4	5,189.34	1/4	5,636.42	1/4	6,054.85	1/4	6,435.36	1/4	6,765.01	1/4	7,023.25	1/4		1/4	
1/2	4,249.67	1/2	4,731.38	1/2	5,198.89	1/2	5,645.45	1/2	6,063.19	1/2	6,442.79	1/2	6,771.19	1/2	7,027.61	1/2		1/2	
3/4	4,259.81	3/4	4,741.29	3/4	5,208.44	3/4	5,654.48	3/4	6,071.54	3/4	6,450.22	3/4	6,777.37	3/4	7,031.96	3/4		3/4	
8	4,269.95	8	4,751.20	8	5,217.99	8	5,663.51	8	6,079.88	8	6,457.64	8	6,783.56	8	7,036.31	8		8	
1/4	4,280.08	1/4	4,761.09	1/4	5,227.50	1/4	5,672.50	1/4	6,088.16	1/4	6,464.98	1/4	6,789.62	1/4	7,040.46	1/4		1/4	
1/2	4,290.20	1/2	4,770.98	1/2	5,237.00	1/2	5,681.48	1/2	6,096.43	1/2	6,472.32	1/2	6,795.69	1/2	7,044.61	1/2		1/2	
3/4	4,300.33	3/4	4,780.86	3/4	5,246.51	3/4	5,690.47	3/4	6,104.71	3/4	6,479.66	3/4	6,801.75	3/4	7,048.76	3/4		3/4	
9	4,310.45	9	4,790.75	9	5,256.02	9	5,699.45	9	6,112.99	9	6,486.99	9	6,807.82	9	7,052.91	9		9	
1/4	4,320.57	1/4	4,800.61	1/4	5,265.49	1/4	5,708.38	1/4	6,121.20	1/4	6,494.24	1/4	6,813.76	1/4	7,056.85	1/4		1/4	
1/2	4,330.68	1/2	4,810.47	1/2	5,274.96	1/2	5,717.31	1/2	6,129.41	1/2	6,501.49	1/2	6,819.70	1/2	7,060.79	1/2		1/2	
3/4	4,340.80	3/4	4,820.33	3/4	5,284.43	3/4	5,726.24	3/4	6,137.62	3/4	6,508.74	3/4	6,825.64	3/4	7,064.72	3/4		3/4	
10	4,350.91	10	4,830.19	10	5,293.91	10	5,735.17	10	6,145.83	10	6,515.99	10	6,831.58	10	7,068.66	10		10	
1/4	4,361.00	1/4	4,840.02	1/4	5,303.34	1/4	5,744.05	1/4	6,153.97	1/4	6,523.14	1/4	6,837.38	1/4	7,072.36	1/4		1/4	
1/2	4,371.09	1/2	4,849.84	1/2	5,312.77	1/2	5,752.93	1/2	6,162.11	1/2	6,530.30	1/2	6,843.18	1/2	7,076.06	1/2		1/2	
3/4	4,381.18	3/4	4,859.67	3/4	5,322.20	3/4	5,761.81	3/4	6,170.25	3/4	6,537.46	3/4	6,848.99	3/4	7,079.75	3/4		3/4	
11	4,391.27	11	4,869.50	11	5,331.63	11	5,770.68	11	6,178.39	11	6,544.62	11	6,854.79	11	7,083.45	11		11	
1/4	4,401.35	1/4	4,879.31	1/4	5,341.02	1/4	5,779.48	1/4	6,186.46	1/4	6,551.68	1/4	6,860.46	1/4	7,086.91	1/4		1/4	
1/2	4,411.43	1/2	4,889.11	1/2	5,350.42	1/2	5,788.28	1/2	6,194.53	1/2	6,558.74	1/2	6,866.12	1/2	7,090.37	1/2		1/2	
3/4	4,421.51	3/4	4,898.92	3/4	5,359.81	3/4	5,797.09	3/4	6,202.60	3/4	6,565.80	3/4	6,871.79	3/4	7,093.83	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2011

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