



BARGE "KIRBY 16809"

PORT TANK INNAGE TABLE

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

FORMERLY "DXE 1701P"

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	0.28	0	182.35	0	510.85	0	928.92	0	1,407.07	0	1,935.23	0	2,499.14	0	3,088.50	0	3,694.07	0	4,307.24
1/4	1.44	1/4	188.12	1/4	518.74	1/4	937.88	1/4	1,417.66	1/4	1,946.68	1/4	2,511.21	1/4	3,100.99	1/4	3,706.80	1/4	4,320.04
1/2	2.59	1/2	193.90	1/2	526.63	1/2	946.83	1/2	1,428.26	1/2	1,958.12	1/2	2,523.28	1/2	3,113.48	1/2	3,719.53	1/2	4,332.83
3/4	3.75	3/4	199.67	3/4	534.51	3/4	955.79	3/4	1,438.85	3/4	1,969.57	3/4	2,535.35	3/4	3,125.97	3/4	3,732.26	3/4	4,345.63
1	4.90	1	205.44	1	542.40	1	964.74	1	1,449.44	1	1,981.01	1	2,547.42	1	3,138.46	1	3,744.99	1	4,358.42
1/4	6.91	1/4	211.43	1/4	550.48	1/4	974.31	1/4	1,460.11	1/4	1,992.52	1/4	2,559.53	1/4	3,150.98	1/4	3,757.74	1/4	4,371.21
1/2	8.92	1/2	217.43	1/2	558.57	1/2	983.87	1/2	1,470.79	1/2	2,004.02	1/2	2,571.64	1/2	3,163.50	1/2	3,770.49	1/2	4,384.01
3/4	10.92	3/4	223.42	3/4	566.65	3/4	993.44	3/4	1,481.46	3/4	2,015.53	3/4	2,583.75	3/4	3,176.02	3/4	3,783.23	3/4	4,396.80
2	12.93	2	229.41	2	574.73	2	1,003.00	2	1,492.13	2	2,027.03	2	2,595.86	2	3,188.54	2	3,795.98	2	4,409.59
1/4	15.53	1/4	235.61	1/4	582.96	1/4	1,012.67	1/4	1,502.88	1/4	2,038.59	1/4	2,608.01	1/4	3,201.08	1/4	3,808.73	1/4	4,422.38
1/2	18.12	1/2	241.82	1/2	591.18	1/2	1,022.34	1/2	1,513.63	1/2	2,050.16	1/2	2,620.17	1/2	3,213.63	1/2	3,821.48	1/2	4,435.17
3/4	20.72	3/4	248.02	3/4	599.41	3/4	1,032.00	3/4	1,524.38	3/4	2,061.72	3/4	2,632.32	3/4	3,226.17	3/4	3,834.23	3/4	4,447.95
3	23.31	3	254.22	3	607.63	3	1,041.67	3	1,535.13	3	2,073.28	3	2,644.47	3	3,238.71	3	3,846.98	3	4,460.74
1/4	26.38	1/4	260.63	1/4	615.99	1/4	1,051.44	1/4	1,545.96	1/4	2,084.90	1/4	2,656.66	1/4	3,251.28	1/4	3,859.74	1/4	4,473.52
1/2	29.45	1/2	267.03	1/2	624.36	1/2	1,061.22	1/2	1,556.79	1/2	2,096.53	1/2	2,668.86	1/2	3,263.85	1/2	3,872.51	1/2	4,486.31
3/4	32.52	3/4	273.44	3/4	632.72	3/4	1,070.99	3/4	1,567.62	3/4	2,108.15	3/4	2,681.05	3/4	3,276.42	3/4	3,885.27	3/4	4,499.09
4	35.59	4	279.84	4	641.08	4	1,080.76	4	1,578.45	4	2,119.77	4	2,693.24	4	3,288.99	4	3,898.03	4	4,511.87
1/4	39.08	1/4	286.44	1/4	649.58	1/4	1,090.63	1/4	1,589.35	1/4	2,131.95	1/4	2,705.47	1/4	3,301.58	1/4	3,910.80	1/4	4,524.65
1/2	42.56	1/2	293.04	1/2	658.08	1/2	1,100.50	1/2	1,600.26	1/2	2,144.12	1/2	2,717.70	1/2	3,314.17	1/2	3,923.57	1/2	4,537.43
3/4	46.05	3/4	299.64	3/4	666.57	3/4	1,110.37	3/4	1,611.16	3/4	2,156.30	3/4	2,729.93	3/4	3,326.76	3/4	3,936.34	3/4	4,550.20
5	49.53	5	306.24	5	675.07	5	1,120.24	5	1,622.06	5	2,168.47	5	2,742.16	5	3,339.35	5	3,949.11	5	4,562.98
1/4	53.38	1/4	313.03	1/4	683.70	1/4	1,130.21	1/4	1,633.04	1/4	2,179.70	1/4	2,754.43	1/4	3,351.96	1/4	3,961.89	1/4	4,575.75
1/2	57.23	1/2	319.82	1/2	692.33	1/2	1,140.18	1/2	1,644.02	1/2	2,190.93	1/2	2,766.70	1/2	3,364.58	1/2	3,974.67	1/2	4,588.52
3/4	61.08	3/4	326.60	3/4	700.95	3/4	1,150.15	3/4	1,654.99	3/4	2,202.16	3/4	2,778.97	3/4	3,377.19	3/4	3,987.45	3/4	4,601.29
6	64.93	6	333.39	6	709.58	6	1,160.12	6	1,665.97	6	2,213.39	6	2,791.24	6	3,389.80	6	4,000.23	6	4,614.06
1/4	69.12	1/4	340.36	1/4	718.39	1/4	1,170.18	1/4	1,677.02	1/4	2,225.18	1/4	2,803.54	1/4	3,402.44	1/4	4,013.02	1/4	4,626.82
1/2	73.30	1/2	347.32	1/2	727.19	1/2	1,180.25	1/2	1,688.07	1/2	2,236.96	1/2	2,815.85	1/2	3,415.07	1/2	4,025.80	1/2	4,639.59
3/4	77.49	3/4	354.29	3/4	736.00	3/4	1,190.31	3/4	1,699.12	3/4	2,248.75	3/4	2,828.15	3/4	3,427.71	3/4	4,038.59	3/4	4,652.35
7	81.67	7	361.25	7	744.80	7	1,200.37	7	1,710.17	7	2,260.53	7	2,840.45	7	3,440.34	7	4,051.37	7	4,665.11
1/4	86.16	1/4	368.39	1/4	753.63	1/4	1,210.53	1/4	1,721.29	1/4	2,272.36	1/4	2,852.79	1/4	3,452.99	1/4	4,064.16	1/4	4,677.86
1/2	90.66	1/2	375.54	1/2	762.46	1/2	1,220.69	1/2	1,732.41	1/2	2,284.20	1/2	2,865.13	1/2	3,465.65	1/2	4,076.95	1/2	4,690.61
3/4	95.15	3/4	382.68	3/4	771.29	3/4	1,230.84	3/4	1,743.53	3/4	2,296.03	3/4	2,877.46	3/4	3,478.30	3/4	4,089.73	3/4	4,703.36
8	99.64	8	389.82	8	780.12	8	1,241.00	8	1,754.65	8	2,307.86	8	2,889.80	8	3,490.95	8	4,102.52	8	4,716.11
1/4	104.42	1/4	397.14	1/4	789.12	1/4	1,251.22	1/4	1,765.84	1/4	2,319.75	1/4	2,902.17	1/4	3,503.62	1/4	4,115.31	1/4	4,728.85
1/2	109.20	1/2	404.45	1/2	798.12	1/2	1,261.45	1/2	1,777.03	1/2	2,331.63	1/2	2,914.55	1/2	3,516.29	1/2	4,128.11	1/2	4,741.60
3/4	113.98	3/4	411.77	3/4	807.12	3/4	1,271.67	3/4	1,788.21	3/4	2,343.52	3/4	2,926.92	3/4	3,528.96	3/4	4,140.90	3/4	4,754.34
9	118.76	9	419.08	9	816.12	9	1,281.89	9	1,799.40	9	2,355.40	9	2,939.29	9	3,541.63	9	4,153.69	9	4,767.08
1/4	123.81	1/4	426.55	1/4	825.24	1/4	1,292.25	1/4	1,810.66	1/4	2,367.33	1/4	2,951.70	1/4	3,554.32	1/4	4,166.49	1/4	4,779.81
1/2	128.86	1/2	434.02	1/2	834.36	1/2	1,302.62	1/2	1,821.91	1/2	2,379.27	1/2	2,964.10	1/2	3,567.01	1/2	4,179.28	1/2	4,792.54
3/4	133.91	3/4	441.49	3/4	843.47	3/4	1,312.98	3/4	1,833.17	3/4	2,391.20	3/4	2,976.51	3/4	3,579.69	3/4	4,192.08	3/4	4,805.26
10	138.96	10	448.96	10	852.59	10	1,323.34	10	1,844.42	10	2,403.13	10	2,988.91	10	3,592.38	10	4,204.87	10	4,817.99
1/4	144.26	1/4	456.60	1/4	861.83	1/4	1,333.77	1/4	1,855.74	1/4	2,415.11	1/4	3,001.34	1/4	3,605.09	1/4	4,217.67	1/4	4,830.71
1/2	149.57	1/2	464.23	1/2	871.06	1/2	1,344.19	1/2	1,867.06	1/2	2,427.09	1/2	3,013.78	1/2	3,617.79	1/2	4,230.47	1/2	4,843.42
3/4	154.87	3/4	471.87	3/4	880.30	3/4	1,354.62	3/4	1,878.38	3/4	2,439.07	3/4	3,026.21	3/4	3,630.50	3/4	4,243.26	3/4	4,856.14
11	160.17	11	479.50	11	889.53	11	1,365.04	11	1,889.70	11	2,451.05	11	3,038.64	11	3,643.20	11	4,256.06	11	4,868.85
1/4	165.72	1/4	487.34	1/4	899.38	1/4	1,375.55	1/4	1,901.08	1/4	2,463.07	1/4	3,051.11	1/4	3,655.92	1/4	4,268.86	1/4	4,881.56
1/2	171.26	1/2	495.18	1/2	909.23	1/2	1,386.06	1/2	1,912.47	1/2	2,475.10	1/2	3,063.57	1/2	3,668.64	1/2	4,281.65	1/2	4,894.27
3/4	176.81	3/4	503.01	3/4	919.07	3/4	1,396.56	3/4	1,923.85	3/4	2,487.12	3/4	3,076.04	3/4	3,681.35	3/4	4,294.45	3/4	4,906.97

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2551
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE STOPS AT UNDERSIDE OF TANK AT GAUGE POINT.
 CAPACITY TABLE APPLIES ONLY TO FORWARD TAPE GAUGE - MIDLAND MODEL B-630.
 GAUGE POINT: LOCATED 10'-07 1/2" AFT OF FORWARD END OF TANK.
 VOLUME AT 0"0" INCLUDES VOLUME OF SUMP.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 16809"

PORT TANK INNAGE TABLE

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

FORMERLY "DXE 1701P"

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	4,919.68	0	5,522.94	0	6,108.38	0	6,666.62	0	7,187.05	0	7,656.94	0	8,059.42	0	8,367.73	0		0	
1/4	4,932.36	1/4	5,535.34	1/4	6,120.31	1/4	6,677.86	1/4	7,197.37	1/4	7,666.04	1/4	8,066.87	1/4	8,372.73	1/4		1/4	
1/2	4,945.04	1/2	5,547.74	1/2	6,132.23	1/2	6,689.11	1/2	7,207.69	1/2	7,675.14	1/2	8,074.31	1/2	8,377.74	1/2		1/2	
3/4	4,957.71	3/4	5,560.13	3/4	6,144.16	3/4	6,700.35	3/4	7,218.01	3/4	7,684.23	3/4	8,081.76	3/4	8,382.74	3/4		3/4	
1	4,970.39	1	5,572.53	1	6,156.08	1	6,711.59	1	7,228.33	1	7,693.33	1	8,089.20	1	8,387.74	1		1	
1/4	4,983.06	1/4	5,584.90	1/4	6,167.96	1/4	6,722.77	1/4	7,238.56	1/4	7,702.31	1/4	8,096.48	1/4	8,392.47	1/4		1/4	
1/2	4,995.73	1/2	5,597.26	1/2	6,179.83	1/2	6,733.94	1/2	7,248.80	1/2	7,711.29	1/2	8,103.76	1/2	8,397.20	1/2		1/2	
3/4	5,008.40	3/4	5,609.63	3/4	6,191.71	3/4	6,745.12	3/4	7,259.03	3/4	7,720.27	3/4	8,111.04	3/4	8,401.93	3/4		3/4	
2	5,021.07	2	5,621.99	2	6,203.58	2	6,756.29	2	7,269.26	2	7,729.25	2	8,118.32	2	8,406.66	2		2	
1/4	5,033.72	1/4	5,634.32	1/4	6,215.41	1/4	6,767.40	1/4	7,279.40	1/4	7,738.11	1/4	8,125.43	1/4	8,411.10	1/4		1/4	
1/2	5,046.37	1/2	5,646.66	1/2	6,227.23	1/2	6,778.51	1/2	7,289.55	1/2	7,746.97	1/2	8,132.55	1/2	8,415.54	1/2		1/2	
3/4	5,059.01	3/4	5,658.99	3/4	6,239.06	3/4	6,789.61	3/4	7,299.69	3/4	7,755.82	3/4	8,139.66	3/4	8,419.98	3/4		3/4	
3	5,071.66	3	5,671.32	3	6,250.88	3	6,800.72	3	7,309.83	3	7,764.68	3	8,146.77	3	8,424.42	3		3	
1/4	5,084.29	1/4	5,683.62	1/4	6,262.66	1/4	6,811.76	1/4	7,319.88	1/4	7,773.41	1/4	8,153.71	1/4	8,428.55	1/4		1/4	
1/2	5,096.92	1/2	5,695.92	1/2	6,274.43	1/2	6,822.80	1/2	7,329.92	1/2	7,782.15	1/2	8,160.64	1/2	8,432.68	1/2		1/2	
3/4	5,109.55	3/4	5,708.21	3/4	6,286.21	3/4	6,833.83	3/4	7,339.97	3/4	7,790.88	3/4	8,167.58	3/4	8,436.80	3/4		3/4	
4	5,122.18	4	5,720.51	4	6,297.98	4	6,844.87	4	7,350.01	4	7,799.61	4	8,174.51	4	8,440.93	4		4	
1/4	5,134.79	1/4	5,732.77	1/4	6,309.70	1/4	6,855.84	1/4	7,359.96	1/4	7,808.22	1/4	8,181.26	1/4	8,445.22	1/4		1/4	
1/2	5,147.40	1/2	5,745.04	1/2	6,321.42	1/2	6,866.80	1/2	7,369.92	1/2	7,816.82	1/2	8,188.02	1/2	8,449.51	1/2		1/2	
3/4	5,160.01	3/4	5,757.30	3/4	6,333.14	3/4	6,877.77	3/4	7,379.87	3/4	7,825.43	3/4	8,194.77	3/4	8,453.79	3/4		3/4	
5	5,172.62	5	5,769.56	5	6,344.86	5	6,888.73	5	7,389.82	5	7,834.03	5	8,201.52	5	8,458.08	5		5	
1/4	5,185.21	1/4	5,781.78	1/4	6,356.53	1/4	6,899.62	1/4	7,399.67	1/4	7,842.50	1/4	8,208.09	1/4	8,461.00	1/4		1/4	
1/2	5,197.80	1/2	5,794.01	1/2	6,368.20	1/2	6,910.51	1/2	7,409.53	1/2	7,850.98	1/2	8,214.65	1/2	8,463.91	1/2		1/2	
3/4	5,210.38	3/4	5,806.23	3/4	6,379.86	3/4	6,921.40	3/4	7,419.38	3/4	7,859.45	3/4	8,221.22	3/4	8,466.83	3/4		3/4	
6	5,222.97	6	5,818.45	6	6,391.53	6	6,932.29	6	7,429.23	6	7,867.92	6	8,227.78	6	8,469.74	6		6	
1/4	5,235.54	1/4	5,830.64	1/4	6,403.14	1/4	6,943.11	1/4	7,438.99	1/4	7,876.26	1/4	8,234.15	1/4	8,472.73	1/4		1/4	
1/2	5,248.10	1/2	5,842.83	1/2	6,414.75	1/2	6,953.92	1/2	7,448.74	1/2	7,884.60	1/2	8,240.52	1/2	8,475.73	1/2		1/2	
3/4	5,260.67	3/4	5,855.01	3/4	6,426.36	3/4	6,964.74	3/4	7,458.50	3/4	7,892.94	3/4	8,246.89	3/4	8,478.72	3/4		3/4	
7	5,273.23	7	5,867.20	7	6,437.97	7	6,975.55	7	7,468.25	7	7,901.28	7	8,253.26	7	8,481.71	7		7	
1/4	5,285.77	1/4	5,879.35	1/4	6,449.52	1/4	6,986.29	1/4	7,477.90	1/4	7,909.48	1/4	8,259.43	1/4	8,484.21	1/4		1/4	
1/2	5,298.31	1/2	5,891.49	1/2	6,461.08	1/2	6,997.03	1/2	7,487.55	1/2	7,917.68	1/2	8,265.60	1/2	8,486.71	1/2		1/2	
3/4	5,310.84	3/4	5,903.64	3/4	6,472.63	3/4	7,007.76	3/4	7,497.20	3/4	7,925.88	3/4	8,271.76	3/4	8,489.21	3/4		3/4	
8	5,323.38	8	5,915.78	8	6,484.18	8	7,018.50	8	7,506.85	8	7,934.08	8	8,277.93	8	8,491.71	8		8	
1/4	5,335.90	1/4	5,927.88	1/4	6,495.68	1/4	7,029.16	1/4	7,516.40	1/4	7,942.14	1/4	8,283.89	1/4	8,493.60	1/4		1/4	
1/2	5,348.41	1/2	5,939.99	1/2	6,507.17	1/2	7,039.82	1/2	7,525.94	1/2	7,950.20	1/2	8,289.84	1/2	8,495.48	1/2		1/2	
3/4	5,360.93	3/4	5,952.09	3/4	6,518.67	3/4	7,050.47	3/4	7,535.49	3/4	7,958.25	3/4	8,295.80	3/4	8,497.37	3/4		3/4	
9	5,373.44	9	5,964.19	9	6,530.16	9	7,061.13	9	7,545.03	9	7,966.31	9	8,301.75	9	8,499.25	9		9	
1/4	5,385.93	1/4	5,976.25	1/4	6,541.60	1/4	7,071.71	1/4	7,554.47	1/4	7,974.22	1/4	8,307.48	1/4	8,500.30	1/4		1/4	
1/2	5,398.42	1/2	5,988.31	1/2	6,553.03	1/2	7,082.29	1/2	7,563.91	1/2	7,982.13	1/2	8,313.22	1/2	8,501.34	1/2		1/2	
3/4	5,410.90	3/4	6,000.37	3/4	6,564.47	3/4	7,092.86	3/4	7,573.34	3/4	7,990.04	3/4	8,318.95	3/4	8,502.39	3/4		3/4	
10	5,423.39	10	6,012.43	10	6,575.90	10	7,103.44	10	7,582.78	10	7,997.95	10	8,324.68	10		10		10	
1/4	5,435.85	1/4	6,024.45	1/4	6,587.27	1/4	7,113.94	1/4	7,592.11	1/4	8,005.71	1/4	8,330.18	1/4		1/4		1/4	
1/2	5,448.31	1/2	6,036.47	1/2	6,598.65	1/2	7,124.43	1/2	7,601.43	1/2	8,013.47	1/2	8,335.69	1/2		1/2		1/2	
3/4	5,460.76	3/4	6,048.48	3/4	6,610.02	3/4	7,134.93	3/4	7,610.76	3/4	8,021.23	3/4	8,341.19	3/4		3/4		3/4	
11	5,473.22	11	6,060.50	11	6,621.39	11	7,145.42	11	7,620.08	11	8,028.99	11	8,346.69	11		11		11	
1/4	5,485.65	1/4	6,072.47	1/4	6,632.70	1/4	7,155.83	1/4	7,629.30	1/4	8,036.60	1/4	8,351.95	1/4		1/4		1/4	
1/2	5,498.08	1/2	6,084.44	1/2	6,644.01	1/2	7,166.24	1/2	7,638.51	1/2	8,044.21	1/2	8,357.21	1/2		1/2		1/2	
3/4	5,510.51	3/4	6,096.41	3/4	6,655.31	3/4	7,176.64	3/4	7,647.73	3/4	8,051.81	3/4	8,362.47	3/4		3/4		3/4	

RECOMPUTED: 03/05/1993 SI
REPRINTED: 06/25/2002 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2002

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 16809"

STBD TANK INNAGE TABLE

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

FORMERLY "DXE 1701P"

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	0.14	0	182.07	0	510.07	0	925.95	0	1,405.60	0	1,933.18	0	2,496.42	0	3,085.01	0	3,689.72	0	4,301.95
1/4	1.30	1/4	187.84	1/4	518.00	1/4	935.39	1/4	1,416.18	1/4	1,944.61	1/4	2,508.47	1/4	3,097.48	1/4	3,702.43	1/4	4,314.72
1/2	2.45	1/2	193.61	1/2	525.93	1/2	944.84	1/2	1,426.76	1/2	1,956.04	1/2	2,520.53	1/2	3,109.96	1/2	3,715.15	1/2	4,327.50
3/4	3.61	3/4	199.37	3/4	533.86	3/4	954.28	3/4	1,437.34	3/4	1,967.47	3/4	2,532.58	3/4	3,122.43	3/4	3,727.86	3/4	4,340.27
1	4.76	1	205.14	1	541.79	1	963.73	1	1,447.92	1	1,978.90	1	2,544.63	1	3,134.90	1	3,740.57	1	4,353.04
1/4	6.77	1/4	211.13	1/4	549.87	1/4	973.28	1/4	1,458.58	1/4	1,990.39	1/4	2,556.73	1/4	3,147.40	1/4	3,753.30	1/4	4,365.81
1/2	8.77	1/2	217.12	1/2	557.94	1/2	982.84	1/2	1,469.25	1/2	2,001.89	1/2	2,568.82	1/2	3,159.91	1/2	3,766.02	1/2	4,378.59
3/4	10.78	3/4	223.10	3/4	566.02	3/4	992.39	3/4	1,479.91	3/4	2,013.38	3/4	2,580.92	3/4	3,172.41	3/4	3,778.75	3/4	4,391.36
2	12.78	2	229.09	2	574.10	2	1,001.95	2	1,490.57	2	2,024.87	2	2,593.01	2	3,184.91	2	3,791.47	2	4,404.13
1/4	15.37	1/4	235.29	1/4	582.32	1/4	1,011.61	1/4	1,501.31	1/4	2,036.42	1/4	2,605.15	1/4	3,197.44	1/4	3,804.20	1/4	4,416.90
1/2	17.97	1/2	241.49	1/2	590.53	1/2	1,021.27	1/2	1,512.05	1/2	2,047.97	1/2	2,617.29	1/2	3,209.97	1/2	3,816.94	1/2	4,429.66
3/4	20.56	3/4	247.68	3/4	598.75	3/4	1,030.93	3/4	1,522.79	3/4	2,059.52	3/4	2,629.42	3/4	3,222.49	3/4	3,829.67	3/4	4,442.43
3	23.15	3	253.88	3	606.97	3	1,040.59	3	1,533.53	3	2,071.07	3	2,641.56	3	3,235.02	3	3,842.40	3	4,455.19
1/4	26.22	1/4	260.28	1/4	615.32	1/4	1,050.35	1/4	1,544.35	1/4	2,082.68	1/4	2,653.74	1/4	3,247.57	1/4	3,855.15	1/4	4,467.95
1/2	29.29	1/2	266.68	1/2	623.67	1/2	1,060.11	1/2	1,555.16	1/2	2,094.29	1/2	2,665.92	1/2	3,260.12	1/2	3,867.89	1/2	4,480.72
3/4	32.36	3/4	273.08	3/4	632.03	3/4	1,069.87	3/4	1,565.98	3/4	2,105.89	3/4	2,678.09	3/4	3,272.67	3/4	3,880.64	3/4	4,493.48
4	35.43	4	279.48	4	640.38	4	1,079.63	4	1,576.79	4	2,117.50	4	2,690.27	4	3,285.22	4	3,893.38	4	4,506.24
1/4	38.91	1/4	286.07	1/4	648.87	1/4	1,089.49	1/4	1,587.68	1/4	2,129.16	1/4	2,702.49	1/4	3,297.80	1/4	3,906.13	1/4	4,519.00
1/2	42.40	1/2	292.67	1/2	657.36	1/2	1,099.36	1/2	1,598.58	1/2	2,140.83	1/2	2,714.70	1/2	3,310.37	1/2	3,918.89	1/2	4,531.75
3/4	45.88	3/4	299.26	3/4	665.85	3/4	1,109.22	3/4	1,609.47	3/4	2,152.49	3/4	2,726.92	3/4	3,322.95	3/4	3,931.64	3/4	4,544.51
5	49.36	5	305.85	5	674.34	5	1,119.08	5	1,620.36	5	2,164.15	5	2,739.13	5	3,335.52	5	3,944.39	5	4,557.26
1/4	53.21	1/4	312.63	1/4	682.96	1/4	1,129.04	1/4	1,631.33	1/4	2,175.87	1/4	2,751.38	1/4	3,348.12	1/4	3,957.15	1/4	4,570.01
1/2	57.06	1/2	319.41	1/2	691.58	1/2	1,139.00	1/2	1,642.29	1/2	2,187.58	1/2	2,763.64	1/2	3,360.71	1/2	3,969.91	1/2	4,582.76
3/4	60.90	3/4	326.19	3/4	700.20	3/4	1,148.95	3/4	1,653.26	3/4	2,199.30	3/4	2,775.89	3/4	3,373.31	3/4	3,982.66	3/4	4,595.51
6	64.75	6	332.97	6	708.82	6	1,158.91	6	1,664.22	6	2,211.01	6	2,788.14	6	3,385.90	6	3,995.42	6	4,608.26
1/4	68.93	1/4	339.93	1/4	717.56	1/4	1,168.96	1/4	1,675.26	1/4	2,222.78	1/4	2,800.43	1/4	3,398.52	1/4	4,008.19	1/4	4,621.00
1/2	73.11	1/2	346.90	1/2	726.31	1/2	1,179.02	1/2	1,686.30	1/2	2,234.55	1/2	2,812.72	1/2	3,411.14	1/2	4,020.95	1/2	4,633.74
3/4	77.29	3/4	353.86	3/4	735.05	3/4	1,189.07	3/4	1,697.33	3/4	2,246.32	3/4	2,825.00	3/4	3,423.76	3/4	4,033.72	3/4	4,646.48
7	81.47	7	360.82	7	743.80	7	1,199.12	7	1,708.37	7	2,258.09	7	2,837.29	7	3,436.38	7	4,046.48	7	4,659.22
1/4	85.96	1/4	367.96	1/4	752.67	1/4	1,209.27	1/4	1,719.48	1/4	2,269.91	1/4	2,849.61	1/4	3,449.01	1/4	4,059.25	1/4	4,671.95
1/2	90.45	1/2	375.09	1/2	761.54	1/2	1,219.42	1/2	1,730.59	1/2	2,281.73	1/2	2,861.94	1/2	3,461.64	1/2	4,072.02	1/2	4,684.68
3/4	94.94	3/4	382.23	3/4	770.42	3/4	1,229.56	3/4	1,741.69	3/4	2,293.55	3/4	2,874.26	3/4	3,474.27	3/4	4,084.79	3/4	4,697.40
8	99.43	8	389.36	8	779.29	8	1,239.71	8	1,752.80	8	2,305.37	8	2,886.58	8	3,486.90	8	4,097.56	8	4,710.13
1/4	104.21	1/4	396.67	1/4	788.28	1/4	1,249.95	1/4	1,763.98	1/4	2,317.24	1/4	2,898.94	1/4	3,499.55	1/4	4,110.33	1/4	4,722.85
1/2	108.98	1/2	403.97	1/2	797.27	1/2	1,260.19	1/2	1,775.15	1/2	2,329.11	1/2	2,911.29	1/2	3,512.21	1/2	4,123.11	1/2	4,735.57
3/4	113.76	3/4	411.28	3/4	806.27	3/4	1,270.42	3/4	1,786.33	3/4	2,340.98	3/4	2,923.65	3/4	3,524.86	3/4	4,135.88	3/4	4,748.29
9	118.53	9	418.58	9	815.26	9	1,280.66	9	1,797.50	9	2,352.85	9	2,936.00	9	3,537.51	9	4,148.65	9	4,761.01
1/4	123.58	1/4	426.05	1/4	824.37	1/4	1,290.99	1/4	1,808.74	1/4	2,364.77	1/4	2,948.39	1/4	3,550.18	1/4	4,161.42	1/4	4,773.72
1/2	128.62	1/2	433.52	1/2	833.48	1/2	1,301.32	1/2	1,819.99	1/2	2,376.69	1/2	2,960.78	1/2	3,562.85	1/2	4,174.20	1/2	4,786.42
3/4	133.67	3/4	440.98	3/4	842.59	3/4	1,311.65	3/4	1,831.23	3/4	2,388.60	3/4	2,973.16	3/4	3,575.52	3/4	4,186.97	3/4	4,799.13
10	138.71	10	448.45	10	851.70	10	1,321.98	10	1,842.47	10	2,400.52	10	2,985.55	10	3,588.19	10	4,199.74	10	4,811.83
1/4	144.01	1/4	456.08	1/4	860.92	1/4	1,332.39	1/4	1,853.78	1/4	2,412.49	1/4	2,997.97	1/4	3,600.88	1/4	4,212.52	1/4	4,824.50
1/2	149.31	1/2	463.70	1/2	870.15	1/2	1,342.80	1/2	1,865.09	1/2	2,424.45	1/2	3,010.39	1/2	3,613.56	1/2	4,225.30	1/2	4,837.17
3/4	154.61	3/4	471.33	3/4	879.37	3/4	1,353.20	3/4	1,876.39	3/4	2,436.42	3/4	3,022.80	3/4	3,626.25	3/4	4,238.07	3/4	4,849.83
11	159.91	11	478.95	11	888.60	11	1,363.61	11	1,887.70	11	2,448.38	11	3,035.22	11	3,638.93	11	4,250.85	11	4,862.50
1/4	165.45	1/4	486.73	1/4	897.94	1/4	1,374.11	1/4	1,899.07	1/4	2,460.39	1/4	3,047.67	1/4	3,651.63	1/4	4,263.63	1/4	4,875.20
1/2	170.99	1/2	494.51	1/2	907.27	1/2	1,384.61	1/2	1,910.44	1/2	2,472.40	1/2	3,060.12	1/2	3,664.33	1/2	4,276.40	1/2	4,887.91
3/4	176.53	3/4	502.29	3/4	916.61	3/4	1,395.10	3/4	1,921.81	3/4	2,484.41	3/4	3,072.56	3/4	3,677.02	3/4	4,289.18	3/4	4,900.61

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API STANDARD 2551
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE STOPS AT UNDERSIDE OF TANK AT GAUGE POINT.
 CAPACITY TABLE APPLIES ONLY TO FORWARD TAPE GAUGE - MIDLAND MODEL B-630.
 GAUGE POINT: LOCATED 10'-07 1/2" AFT OF FORWARD END OF TANK.
 VOLUME AT 0"0" INCLUDES VOLUME OF SUMP.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 16809"

STBD TANK INNAGE TABLE

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

FORMERLY "DXE 1701P"

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	4,913.31	0	5,515.43	0	6,099.59	0	6,656.39	0	7,175.19	0	7,643.20	0	8,043.41	0	8,348.68	0		0	
1/4	4,925.97	1/4	5,527.80	1/4	6,111.49	1/4	6,667.60	1/4	7,185.48	1/4	7,652.26	1/4	8,050.80	1/4	8,353.60	1/4		1/4	
1/2	4,938.64	1/2	5,540.18	1/2	6,123.38	1/2	6,678.81	1/2	7,195.76	1/2	7,661.31	1/2	8,058.19	1/2	8,358.51	1/2		1/2	
3/4	4,951.30	3/4	5,552.55	3/4	6,135.28	3/4	6,690.02	3/4	7,206.05	3/4	7,670.37	3/4	8,065.58	3/4	8,363.43	3/4		3/4	
1	4,963.96	1	5,564.92	1	6,147.17	1	6,701.23	1	7,216.33	1	7,679.42	1	8,072.97	1	8,368.34	1		1	
1/4	4,976.61	1/4	5,577.26	1/4	6,159.02	1/4	6,712.38	1/4	7,226.53	1/4	7,688.36	1/4	8,080.20	1/4	8,372.99	1/4		1/4	
1/2	4,989.25	1/2	5,589.60	1/2	6,170.87	1/2	6,723.52	1/2	7,236.73	1/2	7,697.30	1/2	8,087.43	1/2	8,377.63	1/2		1/2	
3/4	5,001.90	3/4	5,601.94	3/4	6,182.71	3/4	6,734.67	3/4	7,246.92	3/4	7,706.23	3/4	8,094.65	3/4	8,382.28	3/4		3/4	
2	5,014.54	2	5,614.28	2	6,194.56	2	6,745.81	2	7,257.12	2	7,715.17	2	8,101.88	2	8,386.92	2		2	
1/4	5,027.17	1/4	5,626.59	1/4	6,206.36	1/4	6,756.89	1/4	7,267.22	1/4	7,723.98	1/4	8,108.94	1/4	8,391.27	1/4		1/4	
1/2	5,039.79	1/2	5,638.90	1/2	6,218.16	1/2	6,767.96	1/2	7,277.33	1/2	7,732.80	1/2	8,115.99	1/2	8,395.62	1/2		1/2	
3/4	5,052.42	3/4	5,651.20	3/4	6,229.95	3/4	6,779.04	3/4	7,287.43	3/4	7,741.61	3/4	8,123.05	3/4	8,399.97	3/4		3/4	
3	5,065.04	3	5,663.51	3	6,241.75	3	6,790.11	3	7,297.53	3	7,750.42	3	8,130.10	3	8,404.32	3		3	
1/4	5,077.65	1/4	5,675.78	1/4	6,253.49	1/4	6,801.11	1/4	7,307.54	1/4	7,759.11	1/4	8,136.98	1/4	8,408.35	1/4		1/4	
1/2	5,090.26	1/2	5,688.05	1/2	6,265.24	1/2	6,812.12	1/2	7,317.55	1/2	7,767.80	1/2	8,143.85	1/2	8,412.38	1/2		1/2	
3/4	5,102.86	3/4	5,700.32	3/4	6,276.98	3/4	6,823.12	3/4	7,327.56	3/4	7,776.48	3/4	8,150.73	3/4	8,416.40	3/4		3/4	
4	5,115.47	4	5,712.59	4	6,288.72	4	6,834.12	4	7,337.57	4	7,785.17	4	8,157.60	4	8,420.43	4		4	
1/4	5,128.06	1/4	5,724.83	1/4	6,300.41	1/4	6,845.05	1/4	7,347.48	1/4	7,793.73	1/4	8,164.30	1/4	8,424.11	1/4		1/4	
1/2	5,140.64	1/2	5,737.07	1/2	6,312.11	1/2	6,855.99	1/2	7,357.40	1/2	7,802.29	1/2	8,170.99	1/2	8,427.80	1/2		1/2	
3/4	5,153.23	3/4	5,749.30	3/4	6,323.80	3/4	6,866.92	3/4	7,367.31	3/4	7,810.85	3/4	8,177.69	3/4	8,431.48	3/4		3/4	
5	5,165.81	5	5,761.54	5	6,335.49	5	6,877.85	5	7,377.22	5	7,819.41	5	8,184.38	5	8,435.16	5		5	
1/4	5,178.37	1/4	5,773.74	1/4	6,347.13	1/4	6,888.71	1/4	7,387.04	1/4	7,827.84	1/4	8,190.88	1/4	8,438.46	1/4		1/4	
1/2	5,190.94	1/2	5,785.93	1/2	6,358.77	1/2	6,899.56	1/2	7,396.85	1/2	7,836.26	1/2	8,197.39	1/2	8,441.75	1/2		1/2	
3/4	5,203.50	3/4	5,798.13	3/4	6,370.40	3/4	6,910.42	3/4	7,406.67	3/4	7,844.69	3/4	8,203.89	3/4	8,445.05	3/4		3/4	
6	5,216.06	6	5,810.32	6	6,382.04	6	6,921.27	6	7,416.48	6	7,853.11	6	8,210.39	6	8,448.34	6		6	
1/4	5,228.60	1/4	5,822.49	1/4	6,393.62	1/4	6,932.05	1/4	7,426.19	1/4	7,861.40	1/4	8,216.70	1/4	8,451.20	1/4		1/4	
1/2	5,241.14	1/2	5,834.65	1/2	6,405.20	1/2	6,942.84	1/2	7,435.91	1/2	7,869.70	1/2	8,223.01	1/2	8,454.06	1/2		1/2	
3/4	5,253.68	3/4	5,846.82	3/4	6,416.78	3/4	6,953.62	3/4	7,445.62	3/4	7,877.99	3/4	8,229.31	3/4	8,456.91	3/4		3/4	
7	5,266.22	7	5,858.98	7	6,428.36	7	6,964.40	7	7,455.33	7	7,886.28	7	8,235.62	7	8,459.77	7		7	
1/4	5,278.74	1/4	5,871.09	1/4	6,439.88	1/4	6,975.10	1/4	7,464.94	1/4	7,894.43	1/4	8,241.72	1/4	8,462.11	1/4		1/4	
1/2	5,291.25	1/2	5,883.21	1/2	6,451.41	1/2	6,985.81	1/2	7,474.55	1/2	7,902.58	1/2	8,247.82	1/2	8,464.45	1/2		1/2	
3/4	5,303.77	3/4	5,895.32	3/4	6,462.93	3/4	6,996.51	3/4	7,484.16	3/4	7,910.73	3/4	8,253.92	3/4	8,466.78	3/4		3/4	
8	5,316.28	8	5,907.43	8	6,474.45	8	7,007.21	8	7,493.77	8	7,918.88	8	8,260.02	8	8,469.12	8		8	
1/4	5,328.77	1/4	5,919.51	1/4	6,485.92	1/4	7,017.84	1/4	7,503.28	1/4	7,926.89	1/4	8,265.91	1/4	8,470.78	1/4		1/4	
1/2	5,341.26	1/2	5,931.58	1/2	6,497.38	1/2	7,028.46	1/2	7,512.78	1/2	7,934.90	1/2	8,271.80	1/2	8,472.45	1/2		1/2	
3/4	5,353.75	3/4	5,943.66	3/4	6,508.85	3/4	7,039.09	3/4	7,522.29	3/4	7,942.91	3/4	8,277.68	3/4	8,474.11	3/4		3/4	
9	5,366.24	9	5,955.73	9	6,520.31	9	7,049.71	9	7,531.79	9	7,950.92	9	8,283.57	9	8,475.77	9		9	
1/4	5,378.70	1/4	5,967.77	1/4	6,531.71	1/4	7,060.25	1/4	7,541.19	1/4	7,958.79	1/4	8,289.23	1/4	8,476.61	1/4		1/4	
1/2	5,391.17	1/2	5,979.80	1/2	6,543.12	1/2	7,070.79	1/2	7,550.59	1/2	7,966.65	1/2	8,294.90	1/2	8,477.45	1/2		1/2	
3/4	5,403.63	3/4	5,991.84	3/4	6,554.52	3/4	7,081.33	3/4	7,559.98	3/4	7,974.52	3/4	8,300.56	3/4		3/4		3/4	
10	5,416.09	10	6,003.87	10	6,565.92	10	7,091.87	10	7,569.38	10	7,982.38	10	8,306.22	10		10		10	
1/4	5,428.52	1/4	6,015.86	1/4	6,577.26	1/4	7,102.33	1/4	7,578.67	1/4	7,990.08	1/4	8,311.65	1/4		1/4		1/4	
1/2	5,440.96	1/2	6,027.85	1/2	6,588.60	1/2	7,112.79	1/2	7,587.95	1/2	7,997.79	1/2	8,317.08	1/2		1/2		1/2	
3/4	5,453.39	3/4	6,039.83	3/4	6,599.94	3/4	7,123.24	3/4	7,597.24	3/4	8,005.49	3/4	8,322.50	3/4		3/4		3/4	
11	5,465.82	11	6,051.82	11	6,611.28	11	7,133.70	11	7,606.52	11	8,013.19	11	8,327.93	11		11		11	
1/4	5,478.22	1/4	6,063.76	1/4	6,622.56	1/4	7,144.07	1/4	7,615.69	1/4	8,020.75	1/4	8,333.12	1/4		1/4		1/4	
1/2	5,490.63	1/2	6,075.71	1/2	6,633.84	1/2	7,154.45	1/2	7,624.86	1/2	8,028.30	1/2	8,338.31	1/2		1/2		1/2	
3/4	5,503.03	3/4	6,087.65	3/4	6,645.11	3/4	7,164.82	3/4	7,634.03	3/4	8,035.86	3/4	8,343.49	3/4		3/4		3/4	

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