



BARGE "SHAWNEE "

PORT HORIZONTAL

INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CROSBY 110"

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	0.12	0	187.95	0	524.88	0	949.79	0	1,437.11	0	1,970.41	0	2,537.07	0	3,126.48	0	3,729.14	0	4,336.08
1/4	1.27	1/4	193.86	1/4	533.00	1/4	959.41	1/4	1,447.83	1/4	1,981.93	1/4	2,549.17	1/4	3,138.94	1/4	3,741.77	1/4	4,348.71
1/2	2.41	1/2	199.76	1/2	541.13	1/2	969.04	1/2	1,458.55	1/2	1,993.46	1/2	2,561.26	1/2	3,151.40	1/2	3,754.40	1/2	4,361.33
3/4	3.55	3/4	205.67	3/4	549.26	3/4	978.66	3/4	1,469.27	3/4	2,004.98	3/4	2,573.36	3/4	3,163.86	3/4	3,767.04	3/4	4,373.95
1	4.69	1	211.58	1	557.38	1	988.28	1	1,479.99	1	2,016.51	1	2,585.46	1	3,176.33	1	3,779.67	1	4,386.58
1/4	6.78	1/4	217.71	1/4	565.65	1/4	998.01	1/4	1,490.78	1/4	2,028.09	1/4	2,597.59	1/4	3,188.81	1/4	3,792.31	1/4	4,399.19
1/2	8.87	1/2	223.83	1/2	573.93	1/2	1,007.73	1/2	1,501.58	1/2	2,039.67	1/2	2,609.72	1/2	3,201.29	1/2	3,804.95	1/2	4,411.81
3/4	10.96	3/4	229.96	3/4	582.20	3/4	1,017.46	3/4	1,512.38	3/4	2,051.26	3/4	2,621.86	3/4	3,213.77	3/4	3,817.59	3/4	4,424.43
2	13.05	2	236.09	2	590.47	2	1,027.19	2	1,523.17	2	2,062.84	2	2,633.99	2	3,226.25	2	3,820.23	2	4,437.04
1/4	15.75	1/4	242.46	1/4	598.88	1/4	1,037.02	1/4	1,534.04	1/4	2,074.48	1/4	2,646.16	1/4	3,238.75	1/4	3,842.88	1/4	4,449.65
1/2	18.46	1/2	248.82	1/2	607.29	1/2	1,046.85	1/2	1,544.92	1/2	2,086.11	1/2	2,658.34	1/2	3,251.26	1/2	3,855.52	1/2	4,462.25
3/4	21.16	3/4	255.19	3/4	615.70	3/4	1,056.67	3/4	1,555.79	3/4	2,097.75	3/4	2,670.51	3/4	3,263.76	3/4	3,868.17	3/4	4,474.86
3	23.86	3	261.56	3	624.12	3	1,066.50	3	1,566.66	3	2,109.38	3	2,682.68	3	3,276.26	3	3,880.81	3	4,487.46
1/4	27.06	1/4	268.15	1/4	632.66	1/4	1,076.43	1/4	1,577.61	1/4	2,121.07	1/4	2,694.88	1/4	3,288.78	1/4	3,893.46	1/4	4,500.06
1/2	30.26	1/2	274.75	1/2	641.21	1/2	1,086.36	1/2	1,588.55	1/2	2,132.76	1/2	2,707.09	1/2	3,301.30	1/2	3,906.11	1/2	4,512.65
3/4	33.46	3/4	281.34	3/4	649.76	3/4	1,096.29	3/4	1,599.50	3/4	2,144.45	3/4	2,719.29	3/4	3,313.82	3/4	3,918.76	3/4	4,525.24
4	36.65	4	287.94	4	658.31	4	1,106.22	4	1,610.44	4	2,156.14	4	2,731.50	4	3,326.35	4	3,931.41	4	4,537.84
1/4	40.28	1/4	294.73	1/4	666.99	1/4	1,116.24	1/4	1,621.46	1/4	2,167.88	1/4	2,743.74	1/4	3,338.88	1/4	3,944.06	1/4	4,550.42
1/2	43.90	1/2	301.52	1/2	675.67	1/2	1,126.27	1/2	1,632.48	1/2	2,179.62	1/2	2,755.98	1/2	3,351.42	1/2	3,956.71	1/2	4,563.00
3/4	47.52	3/4	308.31	3/4	684.35	3/4	1,136.29	3/4	1,643.49	3/4	2,191.36	3/4	2,768.22	3/4	3,363.96	3/4	3,969.36	3/4	4,575.58
5	51.14	5	315.10	5	693.03	5	1,146.32	5	1,654.51	5	2,203.10	5	2,780.46	5	3,376.50	5	3,982.01	5	4,588.16
1/4	55.14	1/4	322.08	1/4	701.84	1/4	1,156.44	1/4	1,665.60	1/4	2,214.89	1/4	2,792.73	1/4	3,389.06	1/4	3,994.66	1/4	4,600.73
1/2	59.15	1/2	329.06	1/2	710.65	1/2	1,166.56	1/2	1,676.69	1/2	2,226.68	1/2	2,805.00	1/2	3,401.61	1/2	4,007.32	1/2	4,613.29
3/4	63.15	3/4	336.03	3/4	719.46	3/4	1,176.68	3/4	1,687.77	3/4	2,238.47	3/4	2,817.27	3/4	3,414.17	3/4	4,019.97	3/4	4,625.86
6	67.15	6	343.01	6	728.27	6	1,186.80	6	1,698.86	6	2,250.27	6	2,829.55	6	3,426.72	6	4,032.62	6	4,638.43
1/4	71.49	1/4	350.17	1/4	737.20	1/4	1,197.01	1/4	1,710.01	1/4	2,262.10	1/4	2,841.85	1/4	3,439.29	1/4	4,045.27	1/4	4,650.98
1/2	75.83	1/2	357.33	1/2	746.14	1/2	1,207.22	1/2	1,721.17	1/2	2,273.94	1/2	2,854.15	1/2	3,451.86	1/2	4,057.92	1/2	4,663.53
3/4	80.17	3/4	364.49	3/4	755.07	3/4	1,217.43	3/4	1,732.32	3/4	2,285.78	3/4	2,866.46	3/4	3,464.43	3/4	4,070.58	3/4	4,676.08
7	84.52	7	371.65	7	764.01	7	1,227.64	7	1,743.48	7	2,297.62	7	2,878.76	7	3,477.00	7	4,083.23	7	4,688.63
1/4	89.17	1/4	378.98	1/4	773.07	1/4	1,237.95	1/4	1,754.70	1/4	2,309.50	1/4	2,891.09	1/4	3,489.59	1/4	4,095.88	1/4	4,701.17
1/2	93.83	1/2	386.32	1/2	782.12	1/2	1,248.25	1/2	1,765.92	1/2	2,321.39	1/2	2,903.42	1/2	3,502.17	1/2	4,108.53	1/2	4,713.70
3/4	98.49	3/4	393.65	3/4	791.18	3/4	1,258.55	3/4	1,777.14	3/4	2,333.27	3/4	2,915.76	3/4	3,514.76	3/4	4,121.18	3/4	4,726.23
8	103.15	8	400.99	8	800.24	8	1,268.85	8	1,788.36	8	2,345.16	8	2,928.09	8	3,527.34	8	4,133.83	8	4,738.77
1/4	108.07	1/4	408.49	1/4	809.41	1/4	1,279.24	1/4	1,799.65	1/4	2,357.09	1/4	2,940.45	1/4	3,539.94	1/4	4,146.48	1/4	4,751.29
1/2	112.99	1/2	415.99	1/2	818.59	1/2	1,289.63	1/2	1,810.93	1/2	2,369.02	1/2	2,952.81	1/2	3,552.53	1/2	4,159.13	1/2	4,763.80
3/4	117.92	3/4	423.50	3/4	827.77	3/4	1,300.02	3/4	1,822.22	3/4	2,380.95	3/4	2,965.17	3/4	3,565.13	3/4	4,171.77	3/4	4,776.32
9	122.84	9	431.00	9	836.94	9	1,310.41	9	1,833.50	9	2,392.88	9	2,977.53	9	3,577.73	9	4,184.42	9	4,788.84
1/4	128.01	1/4	438.67	1/4	846.23	1/4	1,320.89	1/4	1,844.85	1/4	2,404.86	1/4	2,989.92	1/4	3,590.33	1/4	4,197.07	1/4	4,801.33
1/2	133.19	1/2	446.33	1/2	855.53	1/2	1,331.36	1/2	1,856.20	1/2	2,416.83	1/2	3,002.31	1/2	3,602.94	1/2	4,209.71	1/2	4,813.83
3/4	138.36	3/4	454.00	3/4	864.82	3/4	1,341.84	3/4	1,867.55	3/4	2,428.80	3/4	3,014.69	3/4	3,615.55	3/4	4,222.35	3/4	4,826.33
10	143.53	10	461.66	10	874.11	10	1,352.31	10	1,878.90	10	2,440.78	10	3,027.08	10	3,628.16	10	4,235.00	10	4,838.82
1/4	148.96	1/4	469.49	1/4	883.52	1/4	1,362.87	1/4	1,890.31	1/4	2,452.79	1/4	3,039.49	1/4	3,640.78	1/4	4,247.64	1/4	4,851.30
1/2	154.39	1/2	477.31	1/2	892.92	1/2	1,373.43	1/2	1,901.71	1/2	2,464.81	1/2	3,051.91	1/2	3,653.39	1/2	4,260.27	1/2	4,863.78
3/4	159.82	3/4	485.14	3/4	902.33	3/4	1,383.99	3/4	1,913.12	3/4	2,476.83	3/4	3,064.32	3/4	3,666.01	3/4	4,272.91	3/4	4,876.25
11	165.25	11	492.96	11	911.73	11	1,394.55	11	1,924.53	11	2,488.84	11	3,076.73	11	3,678.63	11	4,285.55	11	4,888.73
1/4	170.93	1/4	500.94	1/4	921.25	1/4	1,405.19	1/4	1,936.00	1/4	2,500.90	1/4	3,089.17	1/4	3,691.26	1/4	4,298.18	1/4	4,901.19
1/2	176.60	1/2	508.92	1/2	930.76	1/2	1,415.83	1/2	1,947.47	1/2	2,512.96	1/2	3,101.61	1/2	3,703.88	1/2	4,310.82	1/2	4,913.64
3/4	182.28	3/4	516.90	3/4	940.28	3/4	1,426.47	3/4	1,958.94	3/4	2,525.01	3/4	3,114.05	3/4	3,716.51	3/4	4,323.45	3/4	4,926.09

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "SHAWNEE "

PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CROSBY 110"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	4,938.55	0	5,527.59	0	6,093.67	0	6,626.15	0	7,112.35	0	7,535.75	0	7,870.97	0		0		0	
1/4	4,950.98	1/4	5,539.64	1/4	6,105.12	1/4	6,636.77	1/4	7,121.84	1/4	7,543.69	1/4	7,876.64	1/4		1/4		1/4	
1/2	4,963.41	1/2	5,551.68	1/2	6,116.58	1/2	6,647.39	1/2	7,131.33	1/2	7,551.63	1/2	7,882.30	1/2		1/2		1/2	
3/4	4,975.84	3/4	5,563.73	3/4	6,128.03	3/4	6,658.01	3/4	7,140.82	3/4	7,559.57	3/4	7,887.97	3/4		3/4		3/4	
1	4,988.28	1	5,575.78	1	6,139.49	1	6,668.63	1	7,150.30	1	7,567.51	1	7,893.63	1		1		1	
1/4	5,000.68	1/4	5,587.78	1/4	6,150.88	1/4	6,679.17	1/4	7,159.68	1/4	7,575.29	1/4	7,899.05	1/4		1/4		1/4	
1/2	5,013.09	1/2	5,599.79	1/2	6,162.27	1/2	6,689.71	1/2	7,169.06	1/2	7,583.08	1/2	7,904.47	1/2		1/2		1/2	
3/4	5,025.50	3/4	5,611.79	3/4	6,173.67	3/4	6,700.24	3/4	7,178.43	3/4	7,590.86	3/4	7,909.89	3/4		3/4		3/4	
2	5,037.90	2	5,623.80	2	6,185.06	2	6,710.78	2	7,187.81	2	7,598.65	2	7,915.31	2		2		2	
1/4	5,050.28	1/4	5,635.76	1/4	6,196.39	1/4	6,721.24	1/4	7,197.07	1/4	7,606.27	1/4	7,920.47	1/4		1/4		1/4	
1/2	5,062.66	1/2	5,647.73	1/2	6,207.73	1/2	6,731.69	1/2	7,206.34	1/2	7,613.90	1/2	7,925.62	1/2		1/2		1/2	
3/4	5,075.05	3/4	5,659.69	3/4	6,219.06	3/4	6,742.14	3/4	7,215.60	3/4	7,621.53	3/4	7,930.78	3/4		3/4		3/4	
3	5,087.43	3	5,671.65	3	6,230.39	3	6,752.60	3	7,224.87	3	7,629.15	3	7,935.94	3		3		3	
1/4	5,099.78	1/4	5,683.57	1/4	6,241.66	1/4	6,762.97	1/4	7,234.01	1/4	7,636.61	1/4	7,940.82	1/4		1/4		1/4	
1/2	5,112.13	1/2	5,695.49	1/2	6,252.93	1/2	6,773.33	1/2	7,243.16	1/2	7,644.08	1/2	7,945.70	1/2		1/2		1/2	
3/4	5,124.49	3/4	5,707.41	3/4	6,264.20	3/4	6,783.70	3/4	7,252.31	3/4	7,651.54	3/4	7,950.57	3/4		3/4		3/4	
4	5,136.84	4	5,719.33	4	6,275.47	4	6,794.07	4	7,261.45	4	7,659.00	4	7,955.45	4		4		4	
1/4	5,149.17	1/4	5,731.20	1/4	6,286.67	1/4	6,804.35	1/4	7,270.48	1/4	7,666.29	1/4	7,960.03	1/4		1/4		1/4	
1/2	5,161.49	1/2	5,743.08	1/2	6,297.88	1/2	6,814.63	1/2	7,279.51	1/2	7,673.58	1/2	7,964.61	1/2		1/2		1/2	
3/4	5,173.82	3/4	5,754.95	3/4	6,309.08	3/4	6,824.91	3/4	7,288.53	3/4	7,680.87	3/4	7,969.20	3/4		3/4		3/4	
5	5,186.14	5	5,766.82	5	6,320.29	5	6,835.19	5	7,297.56	5	7,688.16	5	7,973.78	5		5		5	
1/4	5,198.44	1/4	5,778.65	1/4	6,331.43	1/4	6,845.38	1/4	7,306.46	1/4	7,695.28	1/4	7,978.04	1/4		1/4		1/4	
1/2	5,210.73	1/2	5,790.48	1/2	6,342.56	1/2	6,855.57	1/2	7,315.37	1/2	7,702.39	1/2	7,982.30	1/2		1/2		1/2	
3/4	5,223.03	3/4	5,802.30	3/4	6,353.70	3/4	6,865.76	3/4	7,324.27	3/4	7,709.51	3/4	7,986.56	3/4		3/4		3/4	
6	5,235.32	6	5,814.13	6	6,364.84	6	6,875.95	6	7,333.18	6	7,716.62	6	7,990.82	6		6		6	
1/4	5,247.59	1/4	5,825.91	1/4	6,375.91	1/4	6,886.04	1/4	7,341.95	1/4	7,723.55	1/4	7,994.73	1/4		1/4		1/4	
1/2	5,259.85	1/2	5,837.69	1/2	6,386.98	1/2	6,896.14	1/2	7,350.73	1/2	7,730.49	1/2	7,998.63	1/2		1/2		1/2	
3/4	5,272.12	3/4	5,849.46	3/4	6,398.05	3/4	6,906.23	3/4	7,359.51	3/4	7,737.42	3/4	8,002.54	3/4		3/4		3/4	
7	5,284.38	7	5,861.24	7	6,409.12	7	6,916.33	7	7,368.29	7	7,744.35	7	8,006.45	7		7		7	
1/4	5,296.61	1/4	5,872.97	1/4	6,420.12	1/4	6,926.33	1/4	7,376.93	1/4	7,751.09	1/4	8,009.98	1/4		1/4		1/4	
1/2	5,308.84	1/2	5,884.70	1/2	6,431.12	1/2	6,936.33	1/2	7,385.58	1/2	7,757.83	1/2	8,013.50	1/2		1/2		1/2	
3/4	5,321.07	3/4	5,896.43	3/4	6,442.12	3/4	6,946.33	3/4	7,394.23	3/4	7,764.58	3/4	8,017.02	3/4		3/4		3/4	
8	5,333.31	8	5,908.15	8	6,453.12	8	6,956.34	8	7,402.88	8	7,771.32	8	8,020.54	8		8		8	
1/4	5,345.50	1/4	5,919.83	1/4	6,464.04	1/4	6,966.24	1/4	7,411.39	1/4	7,777.86	1/4	8,023.62	1/4		1/4		1/4	
1/2	5,357.70	1/2	5,931.51	1/2	6,474.97	1/2	6,976.14	1/2	7,419.91	1/2	7,784.41	1/2	8,026.70	1/2		1/2		1/2	
3/4	5,369.90	3/4	5,943.18	3/4	6,485.90	3/4	6,986.05	3/4	7,428.42	3/4	7,790.95	3/4	8,029.79	3/4		3/4		3/4	
9	5,382.09	9	5,954.86	9	6,496.83	9	6,995.95	9	7,436.93	9	7,797.50	9	8,032.87	9		9		9	
1/4	5,394.26	1/4	5,966.48	1/4	6,507.68	1/4	7,005.75	1/4	7,445.31	1/4	7,803.84	1/4	8,035.43	1/4		1/4		1/4	
1/2	5,406.42	1/2	5,978.11	1/2	6,518.53	1/2	7,015.56	1/2	7,453.69	1/2	7,810.18	1/2	8,038.00	1/2		1/2		1/2	
3/4	5,418.58	3/4	5,989.73	3/4	6,529.39	3/4	7,025.36	3/4	7,462.07	3/4	7,816.52	3/4	8,040.56	3/4		3/4		3/4	
10	5,430.74	10	6,001.35	10	6,540.24	10	7,035.17	10	7,470.44	10	7,822.86	10	8,043.12	10		10		10	
1/4	5,442.87	1/4	6,012.92	1/4	6,551.02	1/4	7,044.87	1/4	7,478.68	1/4	7,828.99	1/4	8,045.03	1/4		1/4		1/4	
1/2	5,454.99	1/2	6,024.49	1/2	6,561.80	1/2	7,054.57	1/2	7,486.91	1/2	7,835.11	1/2	8,046.93	1/2		1/2		1/2	
3/4	5,467.12	3/4	6,036.06	3/4	6,572.57	3/4	7,064.27	3/4	7,495.15	3/4	7,841.24	3/4	8,048.83	3/4		3/4		3/4	
11	5,479.24	11	6,047.62	11	6,583.35	11	7,073.97	11	7,503.39	11	7,847.36	11	8,050.74	11		11		11	
1/4	5,491.33	1/4	6,059.14	1/4	6,594.05	1/4	7,083.56	1/4	7,511.48	1/4	7,853.26	1/4	8,051.73	1/4		1/4		1/4	
1/2	5,503.41	1/2	6,070.65	1/2	6,604.75	1/2	7,093.16	1/2	7,519.57	1/2	7,859.17	1/2	8,052.71	1/2		1/2		1/2	
3/4	5,515.50	3/4	6,082.16	3/4	6,615.45	3/4	7,102.76	3/4	7,527.66	3/4	7,865.07	3/4	8,053.70	3/4		3/4		3/4	

STRAPPED: 11/02/2011 CL - SW
CALCULATED: 11/02/2011 CL
NAME CHANGE: 06/15/2020 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.
PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "SHAWNEE"

STBD
HORIZONTAL

INNAGE TABLE
BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CROSBY 110"

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	0.12	0	187.82	0	524.48	0	949.02	0	1,435.87	0	1,968.64	0	2,534.73	0	3,123.52	0	3,725.53	0	4,331.83
1/4	1.27	1/4	193.73	1/4	532.60	1/4	958.63	1/4	1,446.58	1/4	1,980.16	1/4	2,546.81	1/4	3,135.97	1/4	3,738.15	1/4	4,344.44
1/2	2.41	1/2	199.63	1/2	540.72	1/2	968.25	1/2	1,457.29	1/2	1,991.67	1/2	2,558.89	1/2	3,148.41	1/2	3,750.77	1/2	4,357.05
3/4	3.55	3/4	205.53	3/4	548.84	3/4	977.86	3/4	1,468.00	3/4	2,003.19	3/4	2,570.98	3/4	3,160.86	3/4	3,763.39	3/4	4,369.66
1	4.69	1	211.44	1	556.96	1	987.47	1	1,478.71	1	2,014.70	1	2,583.06	1	3,173.31	1	3,776.01	1	4,382.27
1/4	6.78	1/4	217.56	1/4	565.23	1/4	997.19	1/4	1,489.50	1/4	2,026.27	1/4	2,595.18	1/4	3,185.78	1/4	3,788.64	1/4	4,394.88
1/2	8.87	1/2	223.68	1/2	573.49	1/2	1,006.91	1/2	1,500.28	1/2	2,037.84	1/2	2,607.30	1/2	3,198.25	1/2	3,801.27	1/2	4,407.48
3/4	10.95	3/4	229.81	3/4	581.75	3/4	1,016.63	3/4	1,511.07	3/4	2,049.41	3/4	2,619.43	3/4	3,210.71	3/4	3,813.89	3/4	4,420.08
2	13.04	2	235.93	2	590.02	2	1,026.35	2	1,521.86	2	2,060.98	2	2,631.55	2	3,223.18	2	3,826.52	2	4,432.68
1/4	15.74	1/4	242.29	1/4	598.42	1/4	1,036.16	1/4	1,532.72	1/4	2,072.61	1/4	2,643.71	1/4	3,235.67	1/4	3,839.15	1/4	4,445.27
1/2	18.45	1/2	248.65	1/2	606.83	1/2	1,045.98	1/2	1,543.58	1/2	2,084.23	1/2	2,655.86	1/2	3,248.16	1/2	3,851.78	1/2	4,457.87
3/4	21.15	3/4	255.01	3/4	615.23	3/4	1,055.80	3/4	1,554.44	3/4	2,095.86	3/4	2,668.02	3/4	3,260.65	3/4	3,864.42	3/4	4,470.46
3	23.85	3	261.38	3	623.64	3	1,065.62	3	1,565.30	3	2,107.48	3	2,680.18	3	3,273.14	3	3,877.05	3	4,483.05
1/4	27.05	1/4	267.97	1/4	632.18	1/4	1,075.54	1/4	1,576.24	1/4	2,119.16	1/4	2,692.37	1/4	3,285.65	1/4	3,889.68	1/4	4,495.63
1/2	30.24	1/2	274.56	1/2	640.72	1/2	1,085.46	1/2	1,587.17	1/2	2,130.83	1/2	2,704.57	1/2	3,298.15	1/2	3,902.32	1/2	4,508.21
3/4	33.44	3/4	281.15	3/4	649.26	3/4	1,095.38	3/4	1,598.11	3/4	2,142.51	3/4	2,716.76	3/4	3,310.66	3/4	3,914.95	3/4	4,520.79
4	36.63	4	287.74	4	657.80	4	1,105.30	4	1,609.04	4	2,154.19	4	2,728.95	4	3,323.17	4	3,927.59	4	4,533.37
1/4	40.25	1/4	294.52	1/4	666.47	1/4	1,115.32	1/4	1,620.05	1/4	2,165.92	1/4	2,741.18	1/4	3,335.70	1/4	3,940.23	1/4	4,545.94
1/2	43.87	1/2	301.31	1/2	675.14	1/2	1,125.33	1/2	1,631.05	1/2	2,177.65	1/2	2,753.41	1/2	3,348.22	1/2	3,952.86	1/2	4,558.51
3/4	47.49	3/4	308.09	3/4	683.82	3/4	1,135.35	3/4	1,642.06	3/4	2,189.38	3/4	2,765.63	3/4	3,360.75	3/4	3,965.50	3/4	4,571.07
5	51.12	5	314.88	5	692.49	5	1,145.36	5	1,653.07	5	2,201.10	5	2,777.86	5	3,373.27	5	3,978.14	5	4,583.64
1/4	55.11	1/4	321.85	1/4	701.29	1/4	1,155.47	1/4	1,664.14	1/4	2,212.88	1/4	2,790.12	1/4	3,385.81	1/4	3,990.78	1/4	4,596.19
1/2	59.11	1/2	328.82	1/2	710.09	1/2	1,165.58	1/2	1,675.22	1/2	2,224.66	1/2	2,802.38	1/2	3,398.36	1/2	4,003.41	1/2	4,608.75
3/4	63.11	3/4	335.80	3/4	718.90	3/4	1,175.69	3/4	1,686.29	3/4	2,236.44	3/4	2,814.64	3/4	3,410.90	3/4	4,016.05	3/4	4,621.30
6	67.11	6	342.77	6	727.70	6	1,185.80	6	1,697.37	6	2,248.22	6	2,826.90	6	3,423.44	6	4,028.69	6	4,633.85
1/4	71.45	1/4	349.92	1/4	736.62	1/4	1,196.01	1/4	1,708.51	1/4	2,260.04	1/4	2,839.19	1/4	3,436.00	1/4	4,041.33	1/4	4,646.39
1/2	75.78	1/2	357.08	1/2	745.55	1/2	1,206.21	1/2	1,719.66	1/2	2,271.87	1/2	2,851.48	1/2	3,448.55	1/2	4,053.97	1/2	4,658.93
3/4	80.12	3/4	364.23	3/4	754.48	3/4	1,216.41	3/4	1,730.80	3/4	2,283.70	3/4	2,863.77	3/4	3,461.11	3/4	4,066.61	3/4	4,671.47
7	84.46	7	371.38	7	763.41	7	1,226.61	7	1,741.94	7	2,295.52	7	2,876.06	7	3,473.67	7	4,079.25	7	4,684.00
1/4	89.12	1/4	378.71	1/4	772.46	1/4	1,236.91	1/4	1,753.15	1/4	2,307.39	1/4	2,888.38	1/4	3,486.24	1/4	4,091.88	1/4	4,696.53
1/2	93.77	1/2	386.04	1/2	781.50	1/2	1,247.20	1/2	1,764.36	1/2	2,319.27	1/2	2,900.69	1/2	3,498.81	1/2	4,104.52	1/2	4,709.05
3/4	98.43	3/4	393.37	3/4	790.55	3/4	1,257.49	3/4	1,775.57	3/4	2,331.14	3/4	2,913.01	3/4	3,511.38	3/4	4,117.16	3/4	4,721.57
8	103.08	8	400.70	8	799.60	8	1,267.78	8	1,786.78	8	2,343.01	8	2,925.33	8	3,523.95	8	4,129.79	8	4,734.09
1/4	108.00	1/4	408.19	1/4	808.77	1/4	1,278.16	1/4	1,798.06	1/4	2,354.93	1/4	2,937.68	1/4	3,536.53	1/4	4,142.43	1/4	4,746.59
1/2	112.92	1/2	415.69	1/2	817.94	1/2	1,288.54	1/2	1,809.33	1/2	2,366.85	1/2	2,950.03	1/2	3,549.12	1/2	4,155.06	1/2	4,759.10
3/4	117.84	3/4	423.19	3/4	827.11	3/4	1,298.92	3/4	1,820.61	3/4	2,378.77	3/4	2,962.38	3/4	3,561.70	3/4	4,167.70	3/4	4,771.60
9	122.76	9	430.68	9	836.27	9	1,309.30	9	1,831.88	9	2,390.69	9	2,974.72	9	3,574.28	9	4,180.33	9	4,784.10
1/4	127.93	1/4	438.34	1/4	845.56	1/4	1,319.77	1/4	1,843.22	1/4	2,402.65	1/4	2,987.10	1/4	3,586.88	1/4	4,192.96	1/4	4,796.59
1/2	133.10	1/2	446.00	1/2	854.84	1/2	1,330.23	1/2	1,854.55	1/2	2,414.61	1/2	2,999.47	1/2	3,599.47	1/2	4,205.59	1/2	4,809.07
3/4	138.27	3/4	453.66	3/4	864.13	3/4	1,340.70	3/4	1,865.89	3/4	2,426.57	3/4	3,011.85	3/4	3,612.07	3/4	4,218.22	3/4	4,821.55
10	143.44	10	461.32	10	873.41	10	1,351.16	10	1,877.23	10	2,438.53	10	3,024.22	10	3,624.66	10	4,230.85	10	4,834.04
1/4	148.86	1/4	469.14	1/4	882.81	1/4	1,361.71	1/4	1,888.62	1/4	2,450.54	1/4	3,036.62	1/4	3,637.27	1/4	4,243.48	1/4	4,846.50
1/2	154.29	1/2	476.96	1/2	892.20	1/2	1,372.26	1/2	1,900.02	1/2	2,462.54	1/2	3,049.02	1/2	3,649.87	1/2	4,256.10	1/2	4,858.97
3/4	159.72	3/4	484.78	3/4	901.60	3/4	1,382.81	3/4	1,911.42	3/4	2,474.54	3/4	3,061.42	3/4	3,662.47	3/4	4,268.73	3/4	4,871.43
11	165.14	11	492.60	11	910.99	11	1,393.36	11	1,922.82	11	2,486.55	11	3,073.82	11	3,675.08	11	4,281.35	11	4,883.89
1/4	170.81	1/4	500.57	1/4	920.50	1/4	1,403.99	1/4	1,934.27	1/4	2,498.59	1/4	3,086.25	1/4	3,687.69	1/4	4,293.97	1/4	4,896.33
1/2	176.48	1/2	508.54	1/2	930.01	1/2	1,414.62	1/2	1,945.73	1/2	2,510.64	1/2	3,098.67	1/2	3,700.31	1/2	4,306.59	1/2	4,908.78
3/4	182.15	3/4	516.51	3/4	939.51	3/4	1,425.25	3/4	1,957.19	3/4	2,522.68	3/4	3,111.10	3/4	3,712.92	3/4	4,319.21	3/4	4,921.22

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





BARGE "SHAWNEE"

STBD
HORIZONTAL
INNAGE TABLE
BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CROSBY 110"

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	4,933.66	0	5,522.08	0	6,087.58	0	6,619.53	0	7,105.27	0	7,528.29	0	7,863.25	0		0		0	
1/4	4,946.08	1/4	5,534.11	1/4	6,099.02	1/4	6,630.14	1/4	7,114.75	1/4	7,536.22	1/4	7,868.91	1/4		1/4		1/4	
1/2	4,958.49	1/2	5,546.15	1/2	6,110.46	1/2	6,640.75	1/2	7,124.23	1/2	7,544.16	1/2	7,874.57	1/2		1/2		1/2	
3/4	4,970.91	3/4	5,558.18	3/4	6,121.91	3/4	6,651.36	3/4	7,133.71	3/4	7,552.09	3/4	7,880.24	3/4		3/4		3/4	
1	4,983.33	1	5,570.22	1	6,133.35	1	6,661.97	1	7,143.19	1	7,560.03	1	7,885.90	1		1		1	
1/4	4,995.73	1/4	5,582.21	1/4	6,144.73	1/4	6,672.50	1/4	7,152.56	1/4	7,567.80	1/4	7,891.31	1/4		1/4		1/4	
1/2	5,008.12	1/2	5,594.20	1/2	6,156.11	1/2	6,683.02	1/2	7,161.93	1/2	7,575.58	1/2	7,896.73	1/2		1/2		1/2	
3/4	5,020.51	3/4	5,606.20	3/4	6,167.50	3/4	6,693.55	3/4	7,171.29	3/4	7,583.36	3/4	7,902.14	3/4		3/4		3/4	
2	5,032.91	2	5,618.19	2	6,178.88	2	6,704.08	2	7,180.66	2	7,591.14	2	7,907.56	2		2		2	
1/4	5,045.27	1/4	5,630.14	1/4	6,190.20	1/4	6,714.52	1/4	7,189.92	1/4	7,598.76	1/4	7,912.71	1/4		1/4		1/4	
1/2	5,057.64	1/2	5,642.09	1/2	6,201.52	1/2	6,724.97	1/2	7,199.17	1/2	7,606.38	1/2	7,917.86	1/2		1/2		1/2	
3/4	5,070.01	3/4	5,654.04	3/4	6,212.84	3/4	6,735.41	3/4	7,208.43	3/4	7,614.00	3/4	7,923.02	3/4		3/4		3/4	
3	5,082.38	3	5,665.99	3	6,224.16	3	6,745.86	3	7,217.68	3	7,621.62	3	7,928.17	3		3		3	
1/4	5,094.72	1/4	5,677.90	1/4	6,235.42	1/4	6,756.21	1/4	7,226.82	1/4	7,629.08	1/4	7,933.05	1/4		1/4		1/4	
1/2	5,107.06	1/2	5,689.81	1/2	6,246.68	1/2	6,766.57	1/2	7,235.96	1/2	7,636.53	1/2	7,937.92	1/2		1/2		1/2	
3/4	5,119.40	3/4	5,701.72	3/4	6,257.94	3/4	6,776.93	3/4	7,245.10	3/4	7,643.99	3/4	7,942.80	3/4		3/4		3/4	
4	5,131.74	4	5,713.62	4	6,269.20	4	6,787.29	4	7,254.24	4	7,651.44	4	7,947.67	4		4		4	
1/4	5,144.05	1/4	5,725.48	1/4	6,280.39	1/4	6,797.56	1/4	7,263.26	1/4	7,658.73	1/4	7,952.25	1/4		1/4		1/4	
1/2	5,156.37	1/2	5,737.34	1/2	6,291.58	1/2	6,807.83	1/2	7,272.27	1/2	7,666.01	1/2	7,956.83	1/2		1/2		1/2	
3/4	5,168.68	3/4	5,749.21	3/4	6,302.78	3/4	6,818.10	3/4	7,281.29	3/4	7,673.30	3/4	7,961.41	3/4		3/4		3/4	
5	5,180.99	5	5,761.07	5	6,313.97	5	6,828.37	5	7,290.31	5	7,680.58	5	7,965.98	5		5		5	
1/4	5,193.27	1/4	5,772.88	1/4	6,325.10	1/4	6,838.55	1/4	7,299.21	1/4	7,687.69	1/4	7,970.24	1/4		1/4		1/4	
1/2	5,205.56	1/2	5,784.70	1/2	6,336.22	1/2	6,848.73	1/2	7,308.10	1/2	7,694.80	1/2	7,974.50	1/2		1/2		1/2	
3/4	5,217.84	3/4	5,796.51	3/4	6,347.35	3/4	6,858.91	3/4	7,317.00	3/4	7,701.91	3/4	7,978.75	3/4		3/4		3/4	
6	5,230.12	6	5,808.33	6	6,358.48	6	6,869.09	6	7,325.90	6	7,709.02	6	7,983.01	6		6		6	
1/4	5,242.37	1/4	5,820.09	1/4	6,369.54	1/4	6,879.17	1/4	7,334.67	1/4	7,715.94	1/4	7,986.92	1/4		1/4		1/4	
1/2	5,254.62	1/2	5,831.86	1/2	6,380.60	1/2	6,889.26	1/2	7,343.44	1/2	7,722.87	1/2	7,990.83	1/2		1/2		1/2	
3/4	5,266.87	3/4	5,843.62	3/4	6,391.65	3/4	6,899.35	3/4	7,352.21	3/4	7,729.80	3/4	7,994.73	3/4		3/4		3/4	
7	5,279.13	7	5,855.39	7	6,402.71	7	6,909.43	7	7,360.98	7	7,736.72	7	7,998.64	7		7		7	
1/4	5,291.34	1/4	5,867.11	1/4	6,413.70	1/4	6,919.43	1/4	7,369.62	1/4	7,743.46	1/4	8,002.16	1/4		1/4		1/4	
1/2	5,303.56	1/2	5,878.82	1/2	6,424.69	1/2	6,929.42	1/2	7,378.26	1/2	7,750.20	1/2	8,005.68	1/2		1/2		1/2	
3/4	5,315.78	3/4	5,890.54	3/4	6,435.68	3/4	6,939.41	3/4	7,386.90	3/4	7,756.94	3/4	8,009.20	3/4		3/4		3/4	
8	5,328.00	8	5,902.25	8	6,446.67	8	6,949.40	8	7,395.54	8	7,763.67	8	8,012.72	8		8		8	
1/4	5,340.18	1/4	5,913.92	1/4	6,457.58	1/4	6,959.30	1/4	7,404.04	1/4	7,770.21	1/4	8,015.80	1/4		1/4		1/4	
1/2	5,352.37	1/2	5,925.58	1/2	6,468.50	1/2	6,969.19	1/2	7,412.55	1/2	7,776.75	1/2	8,018.88	1/2		1/2		1/2	
3/4	5,364.55	3/4	5,937.25	3/4	6,479.42	3/4	6,979.08	3/4	7,421.06	3/4	7,783.29	3/4	8,021.96	3/4		3/4		3/4	
9	5,376.74	9	5,948.91	9	6,490.33	9	6,988.98	9	7,429.56	9	7,789.83	9	8,025.04	9		9		9	
1/4	5,388.89	1/4	5,960.52	1/4	6,501.18	1/4	6,998.77	1/4	7,437.93	1/4	7,796.17	1/4	8,027.60	1/4		1/4		1/4	
1/2	5,401.04	1/2	5,972.13	1/2	6,512.02	1/2	7,008.57	1/2	7,446.30	1/2	7,802.50	1/2	8,030.16	1/2		1/2		1/2	
3/4	5,413.18	3/4	5,983.74	3/4	6,522.86	3/4	7,018.36	3/4	7,454.67	3/4	7,808.84	3/4	8,032.73	3/4		3/4		3/4	
10	5,425.33	10	5,995.35	10	6,533.70	10	7,028.16	10	7,463.04	10	7,815.17	10	8,035.29	10		10		10	
1/4	5,437.45	1/4	6,006.91	1/4	6,544.47	1/4	7,037.85	1/4	7,471.27	1/4	7,821.30	1/4	8,037.19	1/4		1/4		1/4	
1/2	5,449.56	1/2	6,018.47	1/2	6,555.24	1/2	7,047.54	1/2	7,479.50	1/2	7,827.42	1/2	8,039.09	1/2		1/2		1/2	
3/4	5,461.67	3/4	6,030.02	3/4	6,566.01	3/4	7,057.23	3/4	7,487.73	3/4	7,833.54	3/4	8,040.99	3/4		3/4		3/4	
11	5,473.78	11	6,041.58	11	6,576.77	11	7,066.92	11	7,495.96	11	7,839.66	11	8,042.90	11		11		11	
1/4	5,485.86	1/4	6,053.08	1/4	6,587.46	1/4	7,076.51	1/4	7,504.04	1/4	7,845.56	1/4	8,043.88	1/4		1/4		1/4	
1/2	5,497.93	1/2	6,064.58	1/2	6,598.15	1/2	7,086.10	1/2	7,512.12	1/2	7,851.45	1/2	8,044.87	1/2		1/2		1/2	
3/4	5,510.01	3/4	6,076.08	3/4	6,608.84	3/4	7,095.69	3/4	7,520.21	3/4	7,857.35	3/4	8,045.86	3/4		3/4		3/4	

STRAPPED: 11/02/2011 CL - SW
CALCULATED: 11/02/2011 CL
NAME CHANGE: 06/15/2020 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.
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