



BARGE "DBL 709"

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	0.17	0	187.92	0	523.82	0	946.69	0	1,431.53	0	1,961.97	0	2,525.44	0	3,111.36	0	3,710.22	0	4,313.11
1/4	1.30	1/4	193.85	1/4	531.91	1/4	956.26	1/4	1,442.19	1/4	1,973.43	1/4	2,537.47	1/4	3,123.74	1/4	3,722.78	1/4	4,325.64
1/2	2.44	1/2	199.78	1/2	540.00	1/2	965.84	1/2	1,452.85	1/2	1,984.90	1/2	2,549.50	1/2	3,136.13	1/2	3,735.33	1/2	4,338.18
3/4	3.58	3/4	205.71	3/4	548.09	3/4	975.41	3/4	1,463.52	3/4	1,996.36	3/4	2,561.52	3/4	3,148.51	3/4	3,747.88	3/4	4,350.72
1	4.72	1	211.65	1	556.18	1	984.99	1	1,474.18	1	2,007.82	1	2,573.55	1	3,160.90	1	3,760.43	1	4,363.25
1/4	6.80	1/4	217.80	1/4	564.41	1/4	994.67	1/4	1,484.92	1/4	2,019.34	1/4	2,585.61	1/4	3,173.30	1/4	3,772.99	1/4	4,375.78
1/2	8.88	1/2	223.95	1/2	572.64	1/2	1,004.34	1/2	1,495.66	1/2	2,030.86	1/2	2,597.68	1/2	3,185.71	1/2	3,785.55	1/2	4,388.31
3/4	10.96	3/4	230.10	3/4	580.88	3/4	1,014.02	3/4	1,506.40	3/4	2,042.38	3/4	2,609.74	3/4	3,198.11	3/4	3,798.11	3/4	4,400.84
2	13.04	2	236.26	2	589.11	2	1,023.70	2	1,517.14	2	2,053.89	2	2,621.81	2	3,210.52	2	3,810.66	2	4,413.36
1/4	15.73	1/4	242.62	1/4	597.48	1/4	1,033.48	1/4	1,527.96	1/4	2,065.47	1/4	2,633.90	1/4	3,222.94	1/4	3,823.22	1/4	4,425.88
1/2	18.42	1/2	248.98	1/2	605.85	1/2	1,043.26	1/2	1,538.77	1/2	2,077.04	1/2	2,646.00	1/2	3,235.37	1/2	3,835.79	1/2	4,438.40
3/4	21.11	3/4	255.35	3/4	614.22	3/4	1,053.04	3/4	1,549.59	3/4	2,088.61	3/4	2,658.10	3/4	3,247.79	3/4	3,848.35	3/4	4,450.91
3	23.81	3	261.71	3	622.60	3	1,062.82	3	1,560.40	3	2,100.18	3	2,670.20	3	3,260.22	3	3,860.91	3	4,463.43
1/4	26.99	1/4	268.28	1/4	631.10	1/4	1,072.70	1/4	1,571.29	1/4	2,111.81	1/4	2,682.34	1/4	3,272.66	1/4	3,873.48	1/4	4,475.93
1/2	30.18	1/2	274.84	1/2	639.61	1/2	1,082.58	1/2	1,582.18	1/2	2,123.43	1/2	2,694.47	1/2	3,285.10	1/2	3,886.04	1/2	4,488.44
3/4	33.36	3/4	281.41	3/4	648.12	3/4	1,092.46	3/4	1,593.06	3/4	2,135.05	3/4	2,706.61	3/4	3,297.55	3/4	3,898.61	3/4	4,500.94
4	36.55	4	287.97	4	656.63	4	1,102.33	4	1,603.95	4	2,146.68	4	2,718.74	4	3,309.99	4	3,911.17	4	4,513.45
1/4	40.15	1/4	294.73	1/4	665.26	1/4	1,112.31	1/4	1,614.91	1/4	2,158.35	1/4	2,730.91	1/4	3,322.45	1/4	3,923.74	1/4	4,525.94
1/2	43.76	1/2	301.49	1/2	673.90	1/2	1,122.28	1/2	1,625.87	1/2	2,170.03	1/2	2,743.08	1/2	3,334.91	1/2	3,936.31	1/2	4,538.43
3/4	47.37	3/4	308.25	3/4	682.54	3/4	1,132.26	3/4	1,636.83	3/4	2,181.70	3/4	2,755.24	3/4	3,347.37	3/4	3,948.87	3/4	4,550.92
5	50.98	5	315.01	5	691.18	5	1,142.23	5	1,647.78	5	2,193.38	5	2,767.41	5	3,359.83	5	3,961.44	5	4,563.41
1/4	54.96	1/4	321.96	1/4	699.95	1/4	1,152.30	1/4	1,658.81	1/4	2,205.10	1/4	2,779.61	1/4	3,372.31	1/4	3,974.01	1/4	4,575.89
1/2	58.94	1/2	328.91	1/2	708.72	1/2	1,162.37	1/2	1,669.84	1/2	2,216.83	1/2	2,791.81	1/2	3,384.79	1/2	3,986.58	1/2	4,588.37
3/4	62.93	3/4	335.85	3/4	717.48	3/4	1,172.44	3/4	1,680.87	3/4	2,228.55	3/4	2,804.01	3/4	3,397.26	3/4	3,999.14	3/4	4,600.84
6	66.91	6	342.80	6	726.25	6	1,182.51	6	1,691.90	6	2,240.27	6	2,816.21	6	3,409.74	6	4,011.71	6	4,613.32
1/4	71.23	1/4	349.93	1/4	735.14	1/4	1,192.67	1/4	1,702.99	1/4	2,252.05	1/4	2,828.44	1/4	3,422.23	1/4	4,024.28	1/4	4,625.78
1/2	75.56	1/2	357.05	1/2	744.03	1/2	1,202.83	1/2	1,714.09	1/2	2,263.82	1/2	2,840.67	1/2	3,434.72	1/2	4,036.85	1/2	4,638.24
3/4	79.88	3/4	364.18	3/4	752.93	3/4	1,212.99	3/4	1,725.18	3/4	2,275.59	3/4	2,852.90	3/4	3,447.21	3/4	4,049.41	3/4	4,650.70
7	84.21	7	371.31	7	761.82	7	1,223.15	7	1,736.28	7	2,287.36	7	2,865.13	7	3,459.70	7	4,061.98	7	4,663.16
1/4	88.84	1/4	378.61	1/4	770.83	1/4	1,233.40	1/4	1,747.44	1/4	2,299.18	1/4	2,877.39	1/4	3,472.21	1/4	4,074.55	1/4	4,675.60
1/2	93.48	1/2	385.91	1/2	779.84	1/2	1,243.64	1/2	1,758.60	1/2	2,311.00	1/2	2,889.65	1/2	3,484.71	1/2	4,087.11	1/2	4,688.05
3/4	98.12	3/4	393.21	3/4	788.86	3/4	1,253.89	3/4	1,769.76	3/4	2,322.82	3/4	2,901.90	3/4	3,497.22	3/4	4,099.68	3/4	4,700.49
8	102.76	8	400.51	8	797.87	8	1,264.14	8	1,780.92	8	2,334.63	8	2,914.16	8	3,509.72	8	4,112.24	8	4,712.94
1/4	107.69	1/4	407.98	1/4	807.00	1/4	1,274.48	1/4	1,792.14	1/4	2,346.50	1/4	2,926.45	1/4	3,522.24	1/4	4,124.80	1/4	4,725.36
1/2	112.61	1/2	415.45	1/2	816.13	1/2	1,284.82	1/2	1,803.37	1/2	2,358.36	1/2	2,938.74	1/2	3,534.75	1/2	4,137.36	1/2	4,737.79
3/4	117.54	3/4	422.92	3/4	825.26	3/4	1,295.15	3/4	1,814.59	3/4	2,370.22	3/4	2,951.02	3/4	3,547.27	3/4	4,149.93	3/4	4,750.21
9	122.47	9	430.38	9	834.40	9	1,305.49	9	1,825.82	9	2,382.08	9	2,963.31	9	3,559.79	9	4,162.49	9	4,762.64
1/4	127.67	1/4	438.01	1/4	843.64	1/4	1,315.91	1/4	1,837.10	1/4	2,393.99	1/4	2,975.62	1/4	3,572.32	1/4	4,175.05	1/4	4,775.04
1/2	132.87	1/2	445.65	1/2	852.89	1/2	1,326.33	1/2	1,848.39	1/2	2,405.89	1/2	2,987.93	1/2	3,584.84	1/2	4,187.60	1/2	4,787.45
3/4	138.08	3/4	453.28	3/4	862.14	3/4	1,336.75	3/4	1,859.68	3/4	2,417.80	3/4	3,000.25	3/4	3,597.37	3/4	4,200.16	3/4	4,799.85
10	143.28	10	460.91	10	871.38	10	1,347.17	10	1,870.96	10	2,429.71	10	3,012.56	10	3,609.90	10	4,212.72	10	4,812.26
1/4	148.74	1/4	468.70	1/4	880.74	1/4	1,357.68	1/4	1,882.31	1/4	2,441.65	1/4	3,024.90	1/4	3,622.43	1/4	4,225.27	1/4	4,824.64
1/2	154.19	1/2	476.48	1/2	890.10	1/2	1,368.18	1/2	1,893.66	1/2	2,453.60	1/2	3,037.24	1/2	3,634.97	1/2	4,237.82	1/2	4,837.02
3/4	159.65	3/4	484.27	3/4	899.46	3/4	1,378.68	3/4	1,905.00	3/4	2,465.55	3/4	3,049.57	3/4	3,647.51	3/4	4,250.38	3/4	4,849.41
11	165.11	11	492.06	11	908.82	11	1,389.19	11	1,916.35	11	2,477.49	11	3,061.91	11	3,660.04	11	4,262.93	11	4,861.79
1/4	170.81	1/4	500.00	1/4	918.29	1/4	1,399.77	1/4	1,927.75	1/4	2,489.48	1/4	3,074.27	1/4	3,672.59	1/4	4,275.47	1/4	4,874.15
1/2	176.51	1/2	507.94	1/2	927.75	1/2	1,410.36	1/2	1,939.16	1/2	2,501.47	1/2	3,086.64	1/2	3,685.13	1/2	4,288.02	1/2	4,886.52
3/4	182.21	3/4	515.88	3/4	937.22	3/4	1,420.94	3/4	1,950.57	3/4	2,513.46	3/4	3,099.00	3/4	3,697.68	3/4	4,300.56	3/4	4,898.88

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 "DBL 709"

PORT 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	4,911.24	0	5,495.66	0	6,056.80	0	6,583.96	0	7,064.33	0	7,481.09	0	7,808.04	0		0		0	
1/4	4,923.58	1/4	5,507.60	1/4	6,068.15	1/4	6,594.47	1/4	7,073.69	1/4	7,488.88	1/4	7,813.50	1/4		1/4		1/4	
1/2	4,935.92	1/2	5,519.55	1/2	6,079.50	1/2	6,604.97	1/2	7,083.05	1/2	7,496.67	1/2	7,818.96	1/2		1/2		1/2	
3/4	4,948.25	3/4	5,531.50	3/4	6,090.84	3/4	6,615.47	3/4	7,092.41	3/4	7,504.46	3/4	7,824.42	3/4		3/4		3/4	
1	4,960.59	1	5,543.45	1	6,102.19	1	6,625.98	1	7,101.77	1	7,512.24	1	7,829.87	1		1		1	
1/4	4,972.90	1/4	5,555.35	1/4	6,113.48	1/4	6,636.40	1/4	7,111.02	1/4	7,519.87	1/4	7,835.08	1/4		1/4		1/4	
1/2	4,985.22	1/2	5,567.26	1/2	6,124.76	1/2	6,646.82	1/2	7,120.26	1/2	7,527.51	1/2	7,840.28	1/2		1/2		1/2	
3/4	4,997.53	3/4	5,579.16	3/4	6,136.05	3/4	6,657.24	3/4	7,129.51	3/4	7,535.14	3/4	7,845.48	3/4		3/4		3/4	
2	5,009.84	2	5,591.07	2	6,147.34	2	6,667.66	2	7,138.76	2	7,542.77	2	7,850.68	2		2		2	
1/4	5,022.13	1/4	5,602.93	1/4	6,158.56	1/4	6,678.00	1/4	7,147.89	1/4	7,550.24	1/4	7,855.61	1/4		1/4		1/4	
1/2	5,034.42	1/2	5,614.79	1/2	6,169.78	1/2	6,688.34	1/2	7,157.02	1/2	7,557.70	1/2	7,860.54	1/2		1/2		1/2	
3/4	5,046.70	3/4	5,626.66	3/4	6,181.01	3/4	6,698.67	3/4	7,166.15	3/4	7,565.17	3/4	7,865.47	3/4		3/4		3/4	
3	5,058.99	3	5,638.52	3	6,192.23	3	6,709.01	3	7,175.28	3	7,572.64	3	7,870.39	3		3		3	
1/4	5,071.25	1/4	5,650.34	1/4	6,203.39	1/4	6,719.26	1/4	7,184.29	1/4	7,579.94	1/4	7,875.01	1/4		1/4		1/4	
1/2	5,083.51	1/2	5,662.15	1/2	6,214.55	1/2	6,729.51	1/2	7,193.31	1/2	7,587.24	1/2	7,879.63	1/2		1/2		1/2	
3/4	5,095.77	3/4	5,673.97	3/4	6,225.72	3/4	6,739.76	3/4	7,202.32	3/4	7,594.54	3/4	7,884.25	3/4		3/4		3/4	
4	5,108.02	4	5,685.79	4	6,236.88	4	6,750.01	4	7,211.33	4	7,601.84	4	7,888.86	4		4		4	
1/4	5,120.25	1/4	5,697.56	1/4	6,247.97	1/4	6,760.17	1/4	7,220.23	1/4	7,608.97	1/4	7,893.17	1/4		1/4		1/4	
1/2	5,132.48	1/2	5,709.33	1/2	6,259.07	1/2	6,770.33	1/2	7,229.12	1/2	7,616.10	1/2	7,897.47	1/2		1/2		1/2	
3/4	5,144.71	3/4	5,721.10	3/4	6,270.16	3/4	6,780.49	3/4	7,238.01	3/4	7,623.22	3/4	7,901.78	3/4		3/4		3/4	
5	5,156.94	5	5,732.88	5	6,281.26	5	6,790.65	5	7,246.90	5	7,630.35	5	7,906.08	5		5		5	
1/4	5,169.14	1/4	5,744.60	1/4	6,292.28	1/4	6,800.71	1/4	7,255.67	1/4	7,637.30	1/4	7,910.04	1/4		1/4		1/4	
1/2	5,181.34	1/2	5,756.32	1/2	6,303.31	1/2	6,810.78	1/2	7,264.44	1/2	7,644.24	1/2	7,914.01	1/2		1/2		1/2	
3/4	5,193.54	3/4	5,768.05	3/4	6,314.34	3/4	6,820.85	3/4	7,273.20	3/4	7,651.19	3/4	7,917.97	3/4		3/4		3/4	
6	5,205.74	6	5,779.77	6	6,325.37	6	6,830.92	6	7,281.97	6	7,658.14	6	7,921.93	6		6		6	
1/4	5,217.91	1/4	5,791.45	1/4	6,336.33	1/4	6,840.89	1/4	7,290.61	1/4	7,664.90	1/4	7,925.52	1/4		1/4		1/4	
1/2	5,230.08	1/2	5,803.12	1/2	6,347.28	1/2	6,850.87	1/2	7,299.25	1/2	7,671.66	1/2	7,929.11	1/2		1/2		1/2	
3/4	5,242.24	3/4	5,814.80	3/4	6,358.24	3/4	6,860.84	3/4	7,307.89	3/4	7,678.42	3/4	7,932.70	3/4		3/4		3/4	
7	5,254.41	7	5,826.47	7	6,369.20	7	6,870.82	7	7,316.53	7	7,685.18	7	7,936.28	7		7		7	
1/4	5,266.54	1/4	5,838.10	1/4	6,380.09	1/4	6,880.70	1/4	7,325.03	1/4	7,691.74	1/4	7,939.45	1/4		1/4		1/4	
1/2	5,278.68	1/2	5,849.72	1/2	6,390.98	1/2	6,890.58	1/2	7,333.54	1/2	7,698.31	1/2	7,942.61	1/2		1/2		1/2	
3/4	5,290.81	3/4	5,861.35	3/4	6,401.86	3/4	6,900.45	3/4	7,342.05	3/4	7,704.87	3/4	7,945.78	3/4		3/4		3/4	
8	5,302.95	8	5,872.97	8	6,412.75	8	6,910.33	8	7,350.56	8	7,711.44	8	7,948.94	8		8		8	
1/4	5,315.05	1/4	5,884.54	1/4	6,423.57	1/4	6,920.11	1/4	7,358.93	1/4	7,717.80	1/4	7,951.62	1/4		1/4		1/4	
1/2	5,327.15	1/2	5,896.11	1/2	6,434.38	1/2	6,929.89	1/2	7,367.30	1/2	7,724.17	1/2	7,954.29	1/2		1/2		1/2	
3/4	5,339.25	3/4	5,907.69	3/4	6,445.20	3/4	6,939.67	3/4	7,375.67	3/4	7,730.53	3/4	7,956.96	3/4		3/4		3/4	
9	5,351.35	9	5,919.26	9	6,456.01	9	6,949.45	9	7,384.04	9	7,736.90	9	7,959.63	9		9		9	
1/4	5,363.41	1/4	5,930.78	1/4	6,466.75	1/4	6,959.13	1/4	7,392.27	1/4	7,743.05	1/4	7,961.71	1/4		1/4		1/4	
1/2	5,375.47	1/2	5,942.29	1/2	6,477.49	1/2	6,968.81	1/2	7,400.51	1/2	7,749.20	1/2	7,963.79	1/2		1/2		1/2	
3/4	5,387.54	3/4	5,953.81	3/4	6,488.23	3/4	6,978.49	3/4	7,408.74	3/4	7,755.35	3/4	7,965.87	3/4		3/4		3/4	
10	5,399.60	10	5,965.33	10	6,498.97	10	6,988.16	10	7,416.97	10	7,761.51	10	7,967.95	10		10		10	
1/4	5,411.63	1/4	5,976.79	1/4	6,509.63	1/4	6,997.74	1/4	7,425.06	1/4	7,767.44	1/4	7,969.09	1/4		1/4		1/4	
1/2	5,423.65	1/2	5,988.25	1/2	6,520.30	1/2	7,007.31	1/2	7,433.15	1/2	7,773.37	1/2	7,970.23	1/2		1/2		1/2	
3/4	5,435.68	3/4	5,999.72	3/4	6,530.96	3/4	7,016.89	3/4	7,441.24	3/4	7,779.30	3/4	7,971.37	3/4		3/4		3/4	
11	5,447.71	11	6,011.18	11	6,541.62	11	7,026.46	11	7,449.33	11	7,785.24	11	7,972.50	11		11		11	
1/4	5,459.69	1/4	6,022.59	1/4	6,552.21	1/4	7,035.93	1/4	7,457.27	1/4	7,790.94	1/4		1/4		1/4		1/4	
1/2	5,471.68	1/2	6,033.99	1/2	6,562.79	1/2	7,045.40	1/2	7,465.21	1/2	7,796.64	1/2		1/2		1/2		1/2	
3/4	5,483.67	3/4	6,045.40	3/4	6,573.38	3/4	7,054.87	3/4	7,473.15	3/4	7,802.34	3/4		3/4		3/4		3/4	

STRAPPED: 02/24/2022 JS
CALCULATED: 02/24/2022 CL
PRINTED: 02/24/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2022

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



BARGE "DBL 709"

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	0.17	0	188.14	0	524.50	0	947.96	0	1,433.54	0	1,964.83	0	2,529.27	0	3,116.24	0	3,716.26	0	4,320.39
1/4	1.30	1/4	194.08	1/4	532.60	1/4	957.55	1/4	1,444.22	1/4	1,976.32	1/4	2,541.31	1/4	3,128.65	1/4	3,728.84	1/4	4,332.95
1/2	2.44	1/2	200.02	1/2	540.70	1/2	967.14	1/2	1,454.90	1/2	1,987.80	1/2	2,553.36	1/2	3,141.06	1/2	3,741.41	1/2	4,345.51
3/4	3.58	3/4	205.96	3/4	548.80	3/4	976.73	3/4	1,465.58	3/4	1,999.28	3/4	2,565.41	3/4	3,153.46	3/4	3,753.99	3/4	4,358.08
1	4.72	1	211.90	1	556.90	1	986.32	1	1,476.26	1	2,010.76	1	2,577.46	1	3,165.87	1	3,765.57	1	4,370.64
1/4	6.80	1/4	218.06	1/4	565.14	1/4	996.01	1/4	1,487.01	1/4	2,022.30	1/4	2,589.54	1/4	3,178.30	1/4	3,779.15	1/4	4,383.20
1/2	8.89	1/2	224.22	1/2	573.38	1/2	1,005.70	1/2	1,497.77	1/2	2,033.83	1/2	2,601.63	1/2	3,190.73	1/2	3,791.73	1/2	4,395.75
3/4	10.97	3/4	230.38	3/4	581.63	3/4	1,015.40	3/4	1,508.53	3/4	2,045.37	3/4	2,613.71	3/4	3,203.16	3/4	3,804.32	3/4	4,408.30
2	13.05	2	236.54	2	589.87	2	1,025.09	2	1,519.28	2	2,056.91	2	2,625.80	2	3,215.58	2	3,816.90	2	4,420.86
1/4	15.75	1/4	242.92	1/4	598.25	1/4	1,034.88	1/4	1,530.12	1/4	2,068.50	1/4	2,637.92	1/4	3,228.03	1/4	3,829.49	1/4	4,433.40
1/2	18.44	1/2	249.29	1/2	606.64	1/2	1,044.68	1/2	1,540.95	1/2	2,080.09	1/2	2,650.04	1/2	3,240.48	1/2	3,842.07	1/2	4,445.95
3/4	21.14	3/4	255.66	3/4	615.02	3/4	1,054.47	3/4	1,551.78	3/4	2,091.68	3/4	2,662.16	3/4	3,252.93	3/4	3,854.66	3/4	4,458.49
3	23.83	3	262.03	3	623.40	3	1,064.27	3	1,562.61	3	2,103.27	3	2,674.28	3	3,265.38	3	3,867.25	3	4,471.03
1/4	27.02	1/4	268.61	1/4	631.92	1/4	1,074.16	1/4	1,573.52	1/4	2,114.92	1/4	2,686.44	1/4	3,277.84	1/4	3,879.84	1/4	4,483.57
1/2	30.21	1/2	275.18	1/2	640.44	1/2	1,084.05	1/2	1,584.42	1/2	2,126.56	1/2	2,698.59	1/2	3,290.31	1/2	3,892.43	1/2	4,496.10
3/4	33.40	3/4	281.76	3/4	648.96	3/4	1,093.95	3/4	1,595.33	3/4	2,138.21	3/4	2,710.75	3/4	3,302.78	3/4	3,905.02	3/4	4,508.63
4	36.59	4	288.33	4	657.48	4	1,103.84	4	1,606.23	4	2,149.85	4	2,722.91	4	3,315.25	4	3,917.61	4	4,521.16
1/4	40.20	1/4	295.10	1/4	666.13	1/4	1,113.83	1/4	1,617.21	1/4	2,161.54	1/4	2,735.10	1/4	3,327.73	1/4	3,930.20	1/4	4,533.68
1/2	43.81	1/2	301.87	1/2	674.78	1/2	1,123.82	1/2	1,628.18	1/2	2,173.24	1/2	2,747.28	1/2	3,340.21	1/2	3,942.80	1/2	4,546.20
3/4	47.42	3/4	308.64	3/4	683.44	3/4	1,133.81	3/4	1,639.16	3/4	2,184.93	3/4	2,759.47	3/4	3,352.70	3/4	3,955.39	3/4	4,558.72
5	51.04	5	315.40	5	692.09	5	1,143.80	5	1,650.14	5	2,196.63	5	2,771.66	5	3,365.18	5	3,967.98	5	4,571.24
1/4	55.02	1/4	322.36	1/4	700.87	1/4	1,153.88	1/4	1,661.18	1/4	2,208.37	1/4	2,783.88	1/4	3,377.68	1/4	3,980.58	1/4	4,583.74
1/2	59.01	1/2	329.32	1/2	709.65	1/2	1,163.96	1/2	1,672.23	1/2	2,220.12	1/2	2,796.11	1/2	3,390.18	1/2	3,993.17	1/2	4,596.25
3/4	63.00	3/4	336.27	3/4	718.43	3/4	1,174.05	3/4	1,683.27	3/4	2,231.86	3/4	2,808.33	3/4	3,402.69	3/4	4,005.76	3/4	4,608.75
6	66.99	6	343.23	6	727.21	6	1,184.13	6	1,694.32	6	2,243.60	6	2,820.55	6	3,415.19	6	4,018.36	6	4,621.25
1/4	71.32	1/4	350.36	1/4	736.11	1/4	1,194.31	1/4	1,705.43	1/4	2,255.40	1/4	2,832.80	1/4	3,427.70	1/4	4,030.95	1/4	4,633.74
1/2	75.65	1/2	357.50	1/2	745.01	1/2	1,204.48	1/2	1,716.54	1/2	2,267.19	1/2	2,845.05	1/2	3,440.22	1/2	4,043.54	1/2	4,646.23
3/4	79.98	3/4	364.64	3/4	753.92	3/4	1,214.66	3/4	1,727.66	3/4	2,278.98	3/4	2,857.30	3/4	3,452.73	3/4	4,056.14	3/4	4,658.72
7	84.31	7	371.77	7	762.82	7	1,224.83	7	1,738.77	7	2,290.77	7	2,869.56	7	3,465.25	7	4,068.73	7	4,671.21
1/4	88.95	1/4	379.08	1/4	771.85	1/4	1,235.10	1/4	1,749.95	1/4	2,302.61	1/4	2,881.84	1/4	3,477.78	1/4	4,081.32	1/4	4,683.68
1/2	93.59	1/2	386.39	1/2	780.88	1/2	1,245.36	1/2	1,761.13	1/2	2,314.45	1/2	2,894.12	1/2	3,490.30	1/2	4,093.91	1/2	4,696.15
3/4	98.23	3/4	393.70	3/4	789.90	3/4	1,255.63	3/4	1,772.31	3/4	2,326.29	3/4	2,906.40	3/4	3,502.83	3/4	4,106.50	3/4	4,708.62
8	102.88	8	401.01	8	798.93	8	1,265.89	8	1,783.48	8	2,338.12	8	2,918.68	8	3,515.36	8	4,119.09	8	4,721.09
1/4	107.81	1/4	408.49	1/4	808.07	1/4	1,276.25	1/4	1,794.73	1/4	2,350.01	1/4	2,930.99	1/4	3,527.90	1/4	4,131.68	1/4	4,733.55
1/2	112.75	1/2	415.97	1/2	817.22	1/2	1,286.60	1/2	1,805.97	1/2	2,361.89	1/2	2,943.30	1/2	3,540.44	1/2	4,144.27	1/2	4,746.00
3/4	117.68	3/4	423.45	3/4	826.36	3/4	1,296.95	3/4	1,817.21	3/4	2,373.77	3/4	2,955.61	3/4	3,552.98	3/4	4,156.86	3/4	4,758.45
9	122.62	9	430.93	9	835.51	9	1,307.30	9	1,828.45	9	2,385.66	9	2,967.92	9	3,565.53	9	4,169.45	9	4,770.91
1/4	127.82	1/4	438.57	1/4	844.77	1/4	1,317.74	1/4	1,839.76	1/4	2,397.58	1/4	2,980.25	1/4	3,578.08	1/4	4,182.03	1/4	4,783.34
1/2	133.03	1/2	446.21	1/2	854.03	1/2	1,328.18	1/2	1,851.06	1/2	2,409.51	1/2	2,992.59	1/2	3,590.63	1/2	4,194.62	1/2	4,795.77
3/4	138.24	3/4	453.85	3/4	863.29	3/4	1,338.61	3/4	1,862.37	3/4	2,421.43	3/4	3,004.92	3/4	3,603.18	3/4	4,207.20	3/4	4,808.21
10	143.45	10	461.49	10	872.55	10	1,349.05	10	1,873.67	10	2,433.36	10	3,017.26	10	3,615.73	10	4,219.78	10	4,820.64
1/4	148.91	1/4	469.29	1/4	881.92	1/4	1,359.57	1/4	1,885.04	1/4	2,445.33	1/4	3,029.62	1/4	3,628.29	1/4	4,232.36	1/4	4,833.05
1/2	154.38	1/2	477.09	1/2	891.29	1/2	1,370.09	1/2	1,896.41	1/2	2,457.30	1/2	3,041.98	1/2	3,640.86	1/2	4,244.94	1/2	4,845.47
3/4	159.84	3/4	484.89	3/4	900.66	3/4	1,380.61	3/4	1,907.77	3/4	2,469.26	3/4	3,054.34	3/4	3,653.42	3/4	4,257.52	3/4	4,857.88
11	165.31	11	492.69	11	910.04	11	1,391.13	11	1,919.14	11	2,481.23	11	3,066.70	11	3,665.98	11	4,270.10	11	4,870.29
1/4	171.02	1/4	500.64	1/4	919.52	1/4	1,401.73	1/4	1,930.56	1/4	2,493.24	1/4	3,079.09	1/4	3,678.55	1/4	4,282.67	1/4	4,882.68
1/2	176.72	1/2	508.59	1/2	929.00	1/2	1,412.33	1/2	1,941.99	1/2	2,505.25	1/2	3,091.47	1/2	3,691.12	1/2	4,295.24	1/2	4,895.07
3/4	182.43	3/4	516.54	3/4	938.48	3/4	1,422.94	3/4	1,953.41	3/4	2,517.26	3/4	3,103.86	3/4	3,703.69	3/4	4,307.81	3/4	4,907.46

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.

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BARGE "DBL 709"

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	4,919.85	0	5,505.71	0	6,068.39	0	6,597.23	0	7,079.46	0	7,498.35	0	7,828.01	0		0		0	
1/4	4,932.22	1/4	5,517.68	1/4	6,079.77	1/4	6,607.77	1/4	7,088.86	1/4	7,506.19	1/4	7,833.53	1/4		1/4		1/4	
1/2	4,944.59	1/2	5,529.66	1/2	6,091.15	1/2	6,618.31	1/2	7,098.26	1/2	7,514.02	1/2	7,839.06	1/2		1/2		1/2	
3/4	4,956.95	3/4	5,541.64	3/4	6,102.53	3/4	6,628.85	3/4	7,107.66	3/4	7,521.86	3/4	7,844.59	3/4		3/4		3/4	
1	4,969.32	1	5,553.62	1	6,113.91	1	6,639.39	1	7,117.06	1	7,529.70	1	7,850.11	1		1		1	
1/4	4,981.66	1/4	5,565.56	1/4	6,125.24	1/4	6,649.85	1/4	7,126.34	1/4	7,537.38	1/4	7,855.39	1/4		1/4		1/4	
1/2	4,994.01	1/2	5,577.49	1/2	6,136.56	1/2	6,660.31	1/2	7,135.63	1/2	7,545.06	1/2	7,860.66	1/2		1/2		1/2	
3/4	5,006.35	3/4	5,589.43	3/4	6,147.88	3/4	6,670.77	3/4	7,144.92	3/4	7,552.74	3/4	7,865.93	3/4		3/4		3/4	
2	5,018.69	2	5,601.37	2	6,159.20	2	6,681.22	2	7,154.21	2	7,560.42	2	7,871.21	2		2		2	
1/4	5,031.01	1/4	5,613.26	1/4	6,170.45	1/4	6,691.60	1/4	7,163.38	1/4	7,567.94	1/4	7,876.21	1/4		1/4		1/4	
1/2	5,043.32	1/2	5,625.15	1/2	6,181.71	1/2	6,701.97	1/2	7,172.56	1/2	7,575.46	1/2	7,881.22	1/2		1/2		1/2	
3/4	5,055.64	3/4	5,637.05	3/4	6,192.97	3/4	6,712.35	3/4	7,181.73	3/4	7,582.98	3/4	7,886.22	3/4		3/4		3/4	
3	5,067.95	3	5,648.94	3	6,204.23	3	6,722.72	3	7,190.90	3	7,590.50	3	7,891.23	3		3		3	
1/4	5,080.24	1/4	5,660.79	1/4	6,215.42	1/4	6,733.01	1/4	7,199.96	1/4	7,597.85	1/4	7,895.92	1/4		1/4		1/4	
1/2	5,092.53	1/2	5,672.64	1/2	6,226.62	1/2	6,743.29	1/2	7,209.02	1/2	7,605.21	1/2	7,900.62	1/2		1/2		1/2	
3/4	5,104.82	3/4	5,684.49	3/4	6,237.81	3/4	6,753.58	3/4	7,218.07	3/4	7,612.56	3/4	7,905.32	3/4		3/4		3/4	
4	5,117.11	4	5,696.34	4	6,249.01	4	6,763.87	4	7,227.13	4	7,619.91	4	7,910.02	4		4		4	
1/4	5,129.37	1/4	5,708.14	1/4	6,260.14	1/4	6,774.06	1/4	7,236.06	1/4	7,627.09	1/4	7,914.41	1/4		1/4		1/4	
1/2	5,141.62	1/2	5,719.95	1/2	6,271.27	1/2	6,784.26	1/2	7,245.00	1/2	7,634.27	1/2	7,918.80	1/2		1/2		1/2	
3/4	5,153.88	3/4	5,731.75	3/4	6,282.40	3/4	6,794.46	3/4	7,253.93	3/4	7,641.45	3/4	7,923.19	3/4		3/4		3/4	
5	5,166.14	5	5,743.55	5	6,293.53	5	6,804.66	5	7,262.87	5	7,648.63	5	7,927.58	5		5		5	
1/4	5,178.37	1/4	5,755.31	1/4	6,304.59	1/4	6,814.77	1/4	7,271.68	1/4	7,655.64	1/4	7,931.63	1/4		1/4		1/4	
1/2	5,190.60	1/2	5,767.07	1/2	6,315.65	1/2	6,824.87	1/2	7,280.49	1/2	7,662.64	1/2	7,935.69	1/2		1/2		1/2	
3/4	5,202.83	3/4	5,778.82	3/4	6,326.71	3/4	6,834.98	3/4	7,289.30	3/4	7,669.64	3/4	7,939.75	3/4		3/4		3/4	
6	5,215.06	6	5,790.58	6	6,337.78	6	6,845.09	6	7,298.11	6	7,676.64	6	7,943.80	6		6		6	
1/4	5,227.26	1/4	5,802.29	1/4	6,348.77	1/4	6,855.10	1/4	7,306.80	1/4	7,683.46	1/4	7,947.49	1/4		1/4		1/4	
1/2	5,239.45	1/2	5,813.99	1/2	6,359.76	1/2	6,865.11	1/2	7,315.48	1/2	7,690.27	1/2	7,951.18	1/2		1/2		1/2	
3/4	5,251.65	3/4	5,825.70	3/4	6,370.76	3/4	6,875.13	3/4	7,324.16	3/4	7,697.09	3/4	7,954.87	3/4		3/4		3/4	
7	5,263.85	7	5,837.41	7	6,381.75	7	6,885.14	7	7,332.85	7	7,703.91	7	7,958.56	7		7		7	
1/4	5,276.01	1/4	5,849.06	1/4	6,392.67	1/4	6,895.06	1/4	7,341.40	1/4	7,710.53	1/4	7,961.84	1/4		1/4		1/4	
1/2	5,288.18	1/2	5,860.72	1/2	6,403.60	1/2	6,904.97	1/2	7,349.95	1/2	7,717.15	1/2	7,965.12	1/2		1/2		1/2	
3/4	5,300.34	3/4	5,872.38	3/4	6,414.52	3/4	6,914.89	3/4	7,358.51	3/4	7,723.78	3/4	7,968.40	3/4		3/4		3/4	
8	5,312.51	8	5,884.03	8	6,425.44	8	6,924.81	8	7,367.06	8	7,730.40	8	7,971.68	8		8		8	
1/4	5,324.64	1/4	5,895.64	1/4	6,436.29	1/4	6,934.63	1/4	7,375.48	1/4	7,736.82	1/4	7,974.49	1/4		1/4		1/4	
1/2	5,336.77	1/2	5,907.24	1/2	6,447.14	1/2	6,944.45	1/2	7,383.89	1/2	7,743.25	1/2	7,977.29	1/2		1/2		1/2	
3/4	5,348.90	3/4	5,918.85	3/4	6,457.99	3/4	6,954.27	3/4	7,392.31	3/4	7,749.67	3/4	7,980.10	3/4		3/4		3/4	
9	5,361.03	9	5,930.45	9	6,468.84	9	6,964.09	9	7,400.73	9	7,756.09	9	7,982.91	9		9		9	
1/4	5,373.12	1/4	5,942.00	1/4	6,479.62	1/4	6,973.80	1/4	7,409.01	1/4	7,762.31	1/4	7,985.16	1/4		1/4		1/4	
1/2	5,385.22	1/2	5,953.55	1/2	6,490.40	1/2	6,983.52	1/2	7,417.29	1/2	7,768.52	1/2	7,987.41	1/2		1/2		1/2	
3/4	5,397.31	3/4	5,965.10	3/4	6,501.17	3/4	6,993.24	3/4	7,425.57	3/4	7,774.74	3/4	7,989.67	3/4		3/4		3/4	
10	5,409.40	10	5,976.66	10	6,511.95	10	7,002.96	10	7,433.85	10	7,780.95	10	7,991.92	10		10		10	
1/4	5,421.46	1/4	5,988.15	1/4	6,522.65	1/4	7,012.58	1/4	7,441.98	1/4	7,786.95	1/4	7,992.06	1/4		1/4		1/4	
1/2	5,433.52	1/2	5,999.65	1/2	6,533.35	1/2	7,022.19	1/2	7,450.12	1/2	7,792.94	1/2	7,992.20	1/2		1/2		1/2	
3/4	5,445.58	3/4	6,011.14	3/4	6,544.05	3/4	7,031.80	3/4	7,458.25	3/4	7,798.94	3/4	7,992.34	3/4		3/4		3/4	
11	5,457.63	11	6,022.64	11	6,554.74	11	7,041.42	11	7,466.39	11	7,804.94	11	7,992.49	11		11		11	
1/4	5,469.65	1/4	6,034.08	1/4	6,565.37	1/4	7,050.93	1/4	7,474.38	1/4	7,810.70	1/4		1/4		1/4		1/4	
1/2	5,481.67	1/2	6,045.52	1/2	6,575.99	1/2	7,060.44	1/2	7,482.37	1/2	7,816.47	1/2		1/2		1/2		1/2	
3/4	5,493.69	3/4	6,056.95	3/4	6,586.61	3/4	7,069.95	3/4	7,490.36	3/4	7,822.24	3/4		3/4		3/4		3/4	

STRAPPED: 02/24/2022 JS
CALCULATED: 02/24/2022 CL
PRINTED: 02/24/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2022

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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