

BARGE "DBL 705"

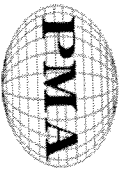
PORT HORIZONTAL INNGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	0.12	1/4	213.88	1/4	597.64	1/4	1,082.35	1/4	1,639.44	1/4	2,250.71	1/4	2,902.28	1/4	3,582.63	1/4	4,281.51	1/4	4,989.46
1/4	1.42	1/4	220.61	1/4	606.90	1/4	1,093.33	1/4	1,651.71	1/4	2,263.94	1/4	2,916.22	1/4	3,597.04	1/4	4,296.21	1/4	5,004.24
1/2	2.72	1/2	227.34	1/2	616.16	1/2	1,104.32	1/2	1,663.98	1/2	2,277.17	1/2	2,930.15	1/2	3,611.46	1/2	4,310.90	1/2	5,019.02
3/4	4.02	3/4	234.07	3/4	625.42	3/4	1,115.31	3/4	1,676.25	3/4	2,300.40	3/4	2,964.09	3/4	3,625.88	3/4	4,325.60	3/4	5,033.80
1	5.32	1	240.80	1	634.69	1	1,126.30	1	1,688.52	1	2,303.64	1	2,958.03	1	3,640.29	1	4,340.29	1	5,048.58
1/4	7.70	1/4	247.78	1/4	644.12	1/4	1,137.41	1/4	1,700.88	1/4	2,316.94	1/4	2,972.01	1/4	3,654.74	1/4	4,355.00	1/4	5,063.35
1/2	10.07	1/2	254.76	1/2	653.54	1/2	1,148.52	1/2	1,713.25	1/2	2,333.24	1/2	2,986.00	1/2	3,669.19	1/2	4,384.42	1/2	5,092.91
3/4	12.45	3/4	261.74	3/4	662.97	3/4	1,159.63	3/4	1,725.61	3/4	2,343.54	3/4	2,999.98	3/4	3,683.64	3/4	4,384.42	3/4	5,092.91
1	14.82	1	268.73	1	672.40	1	1,170.74	1	1,737.97	1	2,356.84	1	3,013.96	1	3,698.08	1	4,399.13	1	5,107.69
1/4	17.90	1/4	275.98	1/4	681.99	1/4	1,181.97	1/4	1,750.42	1/4	2,370.20	1/4	3,028.00	1/4	3,712.56	1/4	4,413.85	1/4	5,122.46
1/2	20.97	1/2	283.23	1/2	691.58	1/2	1,193.19	1/2	1,762.87	1/2	2,383.57	1/2	3,042.03	1/2	3,727.04	1/2	4,428.57	1/2	5,137.24
3/4	24.05	3/4	290.48	3/4	701.17	3/4	1,204.42	3/4	1,775.32	3/4	2,396.94	3/4	3,056.06	3/4	3,741.51	3/4	4,443.29	3/4	5,152.01
1	27.12	1	297.73	1	710.76	1	1,215.65	1	1,787.77	1	2,410.30	1	3,070.09	1	3,755.99	1	4,458.01	1	5,166.79
1/4	30.76	1/4	305.23	1/4	720.51	1/4	1,226.99	1/4	1,800.31	1/4	2,423.73	1/4	3,084.16	1/4	3,770.49	1/4	4,472.75	1/4	5,181.56
1/2	34.39	1/2	312.74	1/2	730.25	1/2	1,238.34	1/2	1,812.85	1/2	2,437.16	1/2	3,098.24	1/2	3,785.00	1/2	4,487.48	1/2	5,196.33
3/4	38.03	3/4	320.25	3/4	740.00	3/4	1,249.68	3/4	1,825.39	3/4	2,450.59	3/4	3,112.32	3/4	3,799.50	3/4	4,502.21	3/4	5,211.10
1	41.67	1	327.76	1	749.75	1	1,261.03	1	1,837.92	1	2,464.02	1	3,126.39	1	3,814.01	1	4,516.95	1	5,225.87
1/4	45.79	1/4	335.49	1/4	759.64	1/4	1,272.48	1/4	1,850.55	1/4	2,477.52	1/4	3,140.51	1/4	3,828.54	1/4	4,531.69	1/4	5,240.64
1/2	49.91	1/2	343.22	1/2	769.54	1/2	1,283.94	1/2	1,863.17	1/2	2,491.01	1/2	3,154.63	1/2	3,843.07	1/2	4,546.43	1/2	5,255.40
3/4	54.03	3/4	350.95	3/4	779.44	3/4	1,295.40	3/4	1,875.79	3/4	2,504.51	3/4	3,168.75	3/4	3,857.60	3/4	4,561.18	3/4	5,270.17
1	58.15	1	358.68	1	789.34	1	1,306.85	1	1,888.42	1	2,518.00	1	3,182.87	1	3,872.13	1	4,575.92	1	5,284.93
1/4	62.70	1/4	366.63	1/4	799.39	1/4	1,318.42	1/4	1,901.12	1/4	2,531.55	1/4	3,197.03	1/4	3,886.69	1/4	4,590.67	1/4	5,299.69
1/2	67.25	1/2	374.57	1/2	809.44	1/2	1,329.99	1/2	1,913.83	1/2	2,545.11	1/2	3,211.20	1/2	3,901.24	1/2	4,605.43	1/2	5,314.45
3/4	71.80	3/4	382.52	3/4	819.49	3/4	1,341.55	3/4	1,926.53	3/4	2,558.66	3/4	3,225.36	3/4	3,915.80	3/4	4,620.18	3/4	5,329.21
1	76.35	1	390.47	1	829.53	1	1,353.12	1	1,939.24	1	2,572.22	1	3,239.52	1	3,930.36	1	4,634.93	1	5,343.97
1/4	81.29	1/4	398.62	1/4	839.73	1/4	1,364.80	1/4	1,952.03	1/4	2,585.83	1/4	3,253.72	1/4	3,944.94	1/4	4,649.69	1/4	5,358.72
1/2	86.23	1/2	406.77	1/2	849.92	1/2	1,376.47	1/2	1,964.81	1/2	2,599.44	1/2	3,267.93	1/2	3,959.52	1/2	4,664.45	1/2	5,373.47
3/4	91.16	3/4	414.92	3/4	860.11	3/4	1,388.15	3/4	1,977.60	3/4	2,613.06	3/4	3,282.13	3/4	3,974.10	3/4	4,679.21	3/4	5,388.22
1	96.10	1	423.08	1	870.30	1	1,399.82	1	1,990.39	1	2,626.67	1	3,296.33	1	3,988.68	1	4,693.97	1	5,402.97
1/4	101.40	1/4	431.43	1/4	880.64	1/4	1,411.60	1/4	2,003.25	1/4	2,640.34	1/4	3,310.57	1/4	4,003.28	1/4	4,708.74	1/4	5,417.71
1/2	106.70	1/2	439.78	1/2	890.97	1/2	1,423.38	1/2	2,016.12	1/2	2,654.02	1/2	3,324.82	1/2	4,017.88	1/2	4,723.27	1/2	5,432.45
3/4	112.00	3/4	448.14	3/4	901.31	3/4	1,435.16	3/4	2,028.98	3/4	2,667.69	3/4	3,339.06	3/4	4,032.48	3/4	4,738.51	3/4	5,447.19
1	117.30	1	456.49	1	911.64	1	1,446.94	1	2,041.85	1	2,681.36	1	3,353.30	1	4,047.09	1	4,753.04	1	5,461.93
1/4	122.90	1/4	465.04	1/4	922.11	1/4	1,458.83	1/4	2,054.79	1/4	2,695.09	1/4	3,367.58	1/4	4,061.71	1/4	4,767.81	1/4	5,476.66
1/2	128.51	1/2	473.58	1/2	932.58	1/2	1,470.71	1/2	2,067.73	1/2	2,708.81	1/2	3,381.86	1/2	4,076.33	1/2	4,782.58	1/2	5,491.39
3/4	134.11	3/4	482.13	3/4	943.05	3/4	1,482.59	3/4	2,080.68	3/4	2,722.54	3/4	3,396.14	3/4	4,090.96	3/4	4,797.36	3/4	5,506.13
1	139.72	1	490.68	1	953.53	1	1,494.47	1	2,093.62	1	2,736.27	1	3,410.42	1	4,105.58	1	4,812.13	1	5,520.86
1/4	145.61	1/4	499.41	1/4	964.13	1/4	1,506.46	1/4	2,106.64	1/4	2,750.05	1/4	3,424.73	1/4	4,120.22	1/4	4,826.90	1/4	5,535.57
1/2	151.50	1/2	508.14	1/2	974.74	1/2	1,518.44	1/2	2,119.65	1/2	2,763.83	1/2	3,439.05	1/2	4,134.87	1/2	4,841.68	1/2	5,550.29
3/4	157.39	3/4	516.88	3/4	985.34	3/4	1,530.42	3/4	2,132.67	3/4	2,777.62	3/4	3,453.37	3/4	4,149.51	3/4	4,856.45	3/4	5,565.01
1	163.28	1	525.61	1	995.95	1	1,542.41	1	2,145.69	1	2,791.40	1	3,467.68	1	4,164.15	1	4,871.23	1	5,579.73
1/4	169.47	1/4	534.53	1/4	1,006.68	1/4	1,554.49	1/4	2,158.78	1/4	2,805.23	1/4	3,482.03	1/4	4,178.82	1/4	4,886.01	1/4	5,594.43
1/2	175.65	1/2	543.44	1/2	1,017.42	1/2	1,566.57	1/2	2,171.87	1/2	2,819.07	1/2	3,496.39	1/2	4,193.48	1/2	4,900.79	1/2	5,609.14
3/4	181.84	3/4	552.36	3/4	1,028.16	3/4	1,578.65	3/4	2,184.96	3/4	2,832.90	3/4	3,510.74	3/4	4,208.14	3/4	4,915.56	3/4	5,623.84
1	188.02	1	561.27	1	1,038.89	1	1,590.73	1	2,198.06	1	2,846.74	1	3,525.09	1	4,222.80	1	4,930.34	1	5,638.55
1/4	194.49	1/4	570.36	1/4	1,049.76	1/4	1,602.91	1/4	2,211.22	1/4	2,860.62	1/4	3,539.47	1/4	4,237.48	1/4	4,945.12	1/4	5,653.24
1/2	200.95	1/2	579.45	1/2	1,060.62	1/2	1,615.09	1/2	2,224.38	1/2	2,874.51	1/2	3,553.86	1/2	4,252.16	1/2	4,959.90	1/2	5,667.93
3/4	207.42	3/4	588.55	3/4	1,071.48	3/4	1,627.26	3/4	2,237.54	3/4	2,888.40	3/4	3,568.24	3/4	4,266.84	3/4	4,974.68	3/4	5,682.62

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E
CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO INNGAGE GAUGES

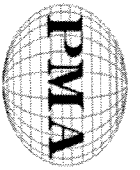
PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
http://www.pmaacorp.net



BARGE "DBL 705"

**PORT
HORIZONTAL
INNAGE TABLE
BERGAN GAUGE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS		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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	5,697.31	0	6,395.91	0	7,075.76	0	7,726.62	0	8,336.91	0	8,892.71	0	9,375.66	0	9,757.40	0	9,757.40	0				
1/4	5,711.99	1/4	6,410.29	1/4	7,089.64	1/4	7,739.77	1/4	8,349.07	1/4	8,903.54	1/4	9,384.71	1/4	9,735.66	1/4	9,735.66	1/4				
1/2	5,726.66	1/2	6,424.66	1/2	7,103.51	1/2	7,753.91	1/2	8,351.22	1/2	8,914.37	1/2	9,393.76	1/2	9,770.30	1/2	9,770.30	1/2				
3/4	5,741.34	3/4	6,439.04	3/4	7,117.38	3/4	7,766.06	3/4	8,373.37	3/4	8,925.20	3/4	9,402.80	3/4	9,776.74	3/4	9,776.74	3/4				
1	5,756.01	1	6,453.42	1	7,131.26	1	7,779.20	1	8,385.53	1	8,936.03	1	9,411.85	1	9,783.19	1	9,783.19	1				
1 1/4	5,770.67	1 1/4	6,467.76	1 1/4	7,145.08	1 1/4	7,792.28	1 1/4	8,397.58	1 1/4	8,946.74	1 1/4	9,420.72	1 1/4	9,789.36	1 1/4	9,789.36	1 1/4				
1 1/2	5,785.32	1 1/2	6,482.10	1 1/2	7,158.90	1 1/2	7,805.35	1 1/2	8,409.64	1 1/2	8,957.44	1 1/2	9,429.59	1 1/2	9,795.52	1 1/2	9,795.52	1 1/2				
3/4	5,799.98	3/4	6,496.44	3/4	7,172.72	3/4	7,818.42	3/4	8,421.70	3/4	8,968.15	3/4	9,438.46	3/4	9,801.69	3/4	9,801.69	3/4				
2	5,814.64	2	6,510.79	2	7,186.55	2	7,831.50	2	8,433.75	2	8,978.85	2	9,447.33	2	9,807.85	2	9,807.85	2				
1 1/4	5,829.28	1 1/4	6,525.09	1 1/4	7,200.31	1 1/4	7,844.50	1 1/4	8,445.71	1 1/4	8,989.42	1 1/4	9,456.02	1 1/4	9,813.72	1 1/4	9,813.72	1 1/4				
1 1/2	5,843.91	1 1/2	6,539.40	1 1/2	7,214.08	1 1/2	7,857.49	1 1/2	8,457.67	1 1/2	8,999.99	1 1/2	9,464.71	1 1/2	9,819.59	1 1/2	9,819.59	1 1/2				
3/4	5,858.55	3/4	6,553.71	3/4	7,227.85	3/4	7,870.49	3/4	8,469.63	3/4	9,010.57	3/4	9,473.40	3/4	9,825.45	3/4	9,825.45	3/4				
3	5,873.19	3	6,568.02	3	7,241.62	3	7,883.49	3	8,481.59	3	9,021.14	3	9,482.09	3	9,831.32	3	9,831.32	3				
1 1/4	5,887.81	1 1/4	6,582.29	1 1/4	7,255.33	1 1/4	7,896.42	1 1/4	8,493.45	1 1/4	9,031.57	1 1/4	9,490.58	1 1/4	9,836.87	1 1/4	9,836.87	1 1/4				
1 1/2	5,902.43	1 1/2	6,596.56	1 1/2	7,269.05	1 1/2	7,909.34	1 1/2	8,505.30	1 1/2	9,042.01	1 1/2	9,502.45	1 1/2	9,842.42	1 1/2	9,842.42	1 1/2				
3/4	5,917.05	3/4	6,610.83	3/4	7,282.76	3/4	7,922.26	3/4	8,517.16	3/4	9,052.45	3/4	9,512.45	3/4	9,847.97	3/4	9,847.97	3/4				
4	5,931.66	4	6,625.10	4	7,296.48	4	7,935.19	4	8,529.02	4	9,062.89	4	9,524.38	4	9,853.52	4	9,853.52	4				
1 1/4	5,946.26	1 1/4	6,639.33	1 1/4	7,310.13	1 1/4	7,948.03	1 1/4	8,540.77	1 1/4	9,073.19	1 1/4	9,524.38	1 1/4	9,858.73	1 1/4	9,858.73	1 1/4				
1 1/2	5,960.86	1 1/2	6,653.56	1 1/2	7,323.79	1 1/2	7,960.88	1 1/2	8,552.53	1 1/2	9,083.48	1 1/2	9,532.69	1 1/2	9,863.94	1 1/2	9,863.94	1 1/2				
3/4	5,975.46	3/4	6,667.79	3/4	7,337.45	3/4	7,973.73	3/4	8,564.28	3/4	9,093.78	3/4	9,540.99	3/4	9,869.15	3/4	9,869.15	3/4				
5	5,990.05	5	6,682.03	5	7,351.10	5	7,986.57	5	8,576.03	5	9,104.08	5	9,549.30	5	9,874.36	5	9,874.36	5				
1 1/4	6,004.63	1 1/4	6,696.22	1 1/4	7,364.70	1 1/4	7,999.34	1 1/4	8,587.68	1 1/4	9,114.24	1 1/4	9,557.40	1 1/4	9,879.21	1 1/4	9,879.21	1 1/4				
1 1/2	6,019.20	1 1/2	6,710.41	1 1/2	7,378.80	1 1/2	8,012.11	1 1/2	8,599.33	1 1/2	9,124.40	1 1/2	9,565.50	1 1/2	9,884.05	1 1/2	9,884.05	1 1/2				
3/4	6,033.78	3/4	6,724.61	3/4	7,391.90	3/4	8,024.87	3/4	8,610.98	3/4	9,134.55	3/4	9,573.60	3/4	9,888.90	3/4	9,888.90	3/4				
6	6,048.35	6	6,738.80	6	7,405.50	6	8,037.64	6	8,622.63	6	9,144.71	6	9,581.70	6	9,893.74	6	9,893.74	6				
1 1/4	6,062.90	1 1/4	6,752.95	1 1/4	7,419.04	1 1/4	8,050.32	1 1/4	8,634.71	1 1/4	9,154.72	1 1/4	9,589.60	1 1/4	9,898.19	1 1/4	9,898.19	1 1/4				
1 1/2	6,077.45	1 1/2	6,767.10	1 1/2	7,432.58	1 1/2	8,063.01	1 1/2	8,645.71	1 1/2	9,164.73	1 1/2	9,597.49	1 1/2	9,902.64	1 1/2	9,902.64	1 1/2				
3/4	6,092.00	3/4	6,781.25	3/4	7,446.12	3/4	8,075.69	3/4	8,657.25	3/4	9,174.74	3/4	9,605.38	3/4	9,907.08	3/4	9,907.08	3/4				
7	6,106.55	7	6,795.40	7	7,459.66	7	8,080.98	7	8,668.79	7	9,184.75	7	9,613.28	7	9,911.53	7	9,911.53	7				
1 1/4	6,121.07	1 1/4	6,809.51	1 1/4	7,473.14	1 1/4	8,100.98	1 1/4	8,680.22	1 1/4	9,194.62	1 1/4	9,620.95	1 1/4	9,915.53	1 1/4	9,915.53	1 1/4				
1 1/2	6,135.60	1 1/2	6,823.62	1 1/2	7,486.61	1 1/2	8,113.58	1 1/2	8,691.64	1 1/2	9,204.48	1 1/2	9,628.63	1 1/2	9,919.54	1 1/2	9,919.54	1 1/2				
3/4	6,150.12	3/4	6,837.73	3/4	7,500.09	3/4	8,126.19	3/4	8,703.07	3/4	9,214.34	3/4	9,636.30	3/4	9,923.54	3/4	9,923.54	3/4				
8	6,164.65	8	6,851.84	8	7,513.57	8	8,138.79	8	8,714.50	8	9,224.20	8	9,643.98	8	9,927.55	8	9,927.55	8				
1 1/4	6,179.15	1 1/4	6,865.91	1 1/4	7,526.99	1 1/4	8,151.30	1 1/4	8,725.82	1 1/4	9,233.91	1 1/4	9,651.43	1 1/4	9,931.05	1 1/4	9,931.05	1 1/4				
1 1/2	6,193.64	1 1/2	6,879.97	1 1/2	7,540.40	1 1/2	8,163.82	1 1/2	8,737.13	1 1/2	9,243.62	1 1/2	9,658.88	1 1/2	9,934.56	1 1/2	9,934.56	1 1/2				
3/4	6,208.14	3/4	6,894.04	3/4	7,553.82	3/4	8,176.34	3/4	8,748.45	3/4	9,253.32	3/4	9,666.33	3/4	9,938.06	3/4	9,938.06	3/4				
9	6,222.64	9	6,908.10	9	7,567.23	9	8,188.85	9	8,759.76	9	9,263.03	9	9,673.78	9	9,941.57	9	9,941.57	9				
1 1/4	6,237.11	1 1/4	6,922.12	1 1/4	7,580.58	1 1/4	8,201.28	1 1/4	8,770.96	1 1/4	9,272.58	1 1/4	9,681.00	1 1/4	9,944.49	1 1/4	9,944.49	1 1/4				
1 1/2	6,251.58	1 1/2	6,936.14	1 1/2	7,593.93	1 1/2	8,213.71	1 1/2	8,782.16	1 1/2	9,282.13	1 1/2	9,688.22	1 1/2	9,947.40	1 1/2	9,947.40	1 1/2				
3/4	6,266.05	3/4	6,950.16	3/4	7,607.28	3/4	8,226.14	3/4	8,793.36	3/4	9,291.68	3/4	9,695.43	3/4	9,950.32	3/4	9,950.32	3/4				
10	6,280.52	10	6,964.18	10	7,620.63	10	8,238.57	10	8,804.56	10	9,301.23	10	9,702.65	10	9,953.23	10	9,953.23	10				
1 1/4	6,294.96	1 1/4	6,978.15	1 1/4	7,633.91	1 1/4	8,250.91	1 1/4	8,815.64	1 1/4	9,310.62	1 1/4	9,709.92	1 1/4	9,955.40	1 1/4	9,955.40	1 1/4				
1 1/2	6,309.40	1 1/2	6,992.12	1 1/2	7,647.20	1 1/2	8,263.25	1 1/2	8,826.72	1 1/2	9,320.01	1 1/2	9,716.59	1 1/2	9,957.56	1 1/2	9,957.56	1 1/2				
3/4	6,323.84	3/4	7,006.10	3/4	7,660.48	3/4	8,275.58	3/4	8,837.80	3/4	9,329.39	3/4	9,723.57	3/4	9,959.73	3/4	9,959.73	3/4				
11	6,338.28	11	7,020.07	11	7,673.76	11	8,287.92	11	8,848.88	11	9,338.78	11	9,730.54	11	9,961.89	11	9,961.89	11				
1 1/4	6,352.69	1 1/4	7,033.99	1 1/4	7,686.98	1 1/4	8,300.17	1 1/4	8,859.83	1 1/4	9,348.00	1 1/4	9,737.25	1 1/4	9,963.01	1 1/4	9,963.01	1 1/4				
1 1/2	6,367.09	1 1/2	7,047.92	1 1/2	7,700.19	1 1/2	8,312.42	1 1/2	8,870.79	1 1/2	9,357.22	1 1/2	9,743.97	1 1/2	9,964.14	1 1/2	9,964.14	1 1/2				
3/4	6,381.50	3/4	7,061.84	3/4	7,713.41	3/4	8,324.67	3/4	8,881.75	3/4	9,366.44	3/4	9,750.69	3/4	9,965.26	3/4	9,965.26	3/4				



BARGE "DBL 705"

STBD HORIZONTAL INNAGE TABLE BERGAN GAUGE

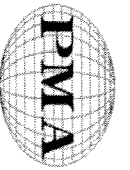
CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0.12	0	213.77	0	597.23	0	1,081.50	0	1,638.01	0	2,248.59	0	2,899.40	0	3,578.90	0	4,276.91	0	4,983.96
1/4	1.42	1/4	220.49	1/4	606.49	1/4	1,092.47	1/4	1,650.27	1/4	2,261.81	1/4	2,913.32	1/4	3,593.30	1/4	4,291.59	1/4	4,998.72
1/2	2.72	1/2	227.22	1/2	615.74	1/2	1,103.45	1/2	1,662.53	1/2	2,275.03	1/2	2,927.24	1/2	3,607.70	1/2	4,306.26	1/2	5,013.48
3/4	4.02	3/4	233.94	3/4	625.00	3/4	1,114.43	3/4	1,674.78	3/4	2,288.24	3/4	2,941.15	3/4	3,622.10	3/4	4,320.94	3/4	5,028.24
1	5.32	1	240.67	1	634.25	1	1,125.41	1	1,687.04	1	2,301.46	1	2,955.07	1	3,636.50	1	4,335.61	1	5,043.00
1 1/4	7.69	1 1/4	247.65	1 1/4	643.67	1 1/4	1,136.50	1 1/4	1,699.39	1 1/4	2,314.75	1 1/4	2,969.04	1 1/4	3,650.93	1 1/4	4,350.30	1 1/4	5,057.76
1 1/2	10.07	1 1/2	254.62	1 1/2	653.09	1 1/2	1,147.60	1 1/2	1,717.74	1 1/2	2,328.03	1 1/2	2,983.01	1 1/2	3,665.36	1 1/2	4,364.99	1 1/2	5,072.51
3/4	12.44	3/4	261.60	3/4	662.51	3/4	1,158.70	3/4	1,724.09	3/4	2,341.32	3/4	2,996.98	3/4	3,679.79	3/4	4,379.68	3/4	5,087.27
2	14.82	2	268.58	2	671.93	2	1,169.80	2	1,736.43	2	2,354.60	2	3,010.94	2	3,694.22	2	4,394.37	2	5,102.03
1 1/4	17.89	1 1/4	275.82	1 1/4	681.51	1 1/4	1,181.02	1 1/4	1,748.87	1 1/4	2,367.95	1 1/4	3,024.96	1 1/4	3,708.67	1 1/4	4,409.08	1 1/4	5,116.79
1 1/2	20.97	1 1/2	283.07	1 1/2	691.10	1 1/2	1,192.23	1 1/2	1,761.31	1 1/2	2,381.30	1 1/2	3,038.97	1 1/2	3,723.13	1 1/2	4,423.78	1 1/2	5,131.54
3/4	24.04	3/4	290.31	3/4	700.68	3/4	1,203.45	3/4	1,773.75	3/4	2,394.65	3/4	3,052.98	3/4	3,737.59	3/4	4,438.48	3/4	5,146.30
3	27.11	3	297.56	3	710.26	3	1,214.67	3	1,786.18	3	2,408.00	3	3,067.00	3	3,752.05	3	4,453.18	3	5,161.06
1 1/4	30.75	1 1/4	305.06	1 1/4	720.00	1 1/4	1,226.00	1 1/4	1,798.71	1 1/4	2,421.42	1 1/4	3,081.06	1 1/4	3,766.54	1 1/4	4,467.90	1 1/4	5,175.81
1 1/2	34.38	1 1/2	312.56	1 1/2	729.73	1 1/2	1,237.33	1 1/2	1,811.23	1 1/2	2,434.83	1 1/2	3,095.12	1 1/2	3,781.02	1 1/2	4,482.61	1 1/2	5,190.56
3/4	38.02	3/4	320.07	3/4	739.47	3/4	1,248.66	3/4	1,823.76	3/4	2,448.25	3/4	3,109.18	3/4	3,795.51	3/4	4,497.33	3/4	5,205.31
4	41.65	4	327.57	4	749.21	4	1,260.00	4	1,836.28	4	2,461.66	4	3,123.23	4	3,810.00	4	4,512.04	4	5,220.06
1 1/4	45.77	1 1/4	335.29	1 1/4	759.10	1 1/4	1,271.44	1 1/4	1,848.89	1 1/4	2,475.14	1 1/4	3,137.34	1 1/4	3,824.51	1 1/4	4,526.77	1 1/4	5,234.81
1 1/2	49.89	1 1/2	343.02	1 1/2	768.99	1 1/2	1,282.89	1 1/2	1,861.50	1 1/2	2,488.62	1 1/2	3,151.44	1 1/2	3,839.02	1 1/2	4,541.49	1 1/2	5,249.56
3/4	54.01	3/4	350.74	3/4	778.88	3/4	1,294.33	3/4	1,874.11	3/4	2,502.10	3/4	3,165.54	3/4	3,853.53	3/4	4,556.22	3/4	5,264.30
5	58.13	5	358.47	5	788.77	5	1,305.78	5	1,886.71	5	2,515.57	5	3,179.64	5	3,868.05	5	4,570.94	5	5,279.05
1 1/4	62.67	1 1/4	366.41	1 1/4	798.81	1 1/4	1,317.33	1 1/4	1,899.41	1 1/4	2,529.11	1 1/4	3,193.79	1 1/4	3,882.58	1 1/4	4,585.68	1 1/4	5,293.79
1 1/2	67.22	1 1/2	374.35	1 1/2	808.85	1 1/2	1,328.88	1 1/2	1,912.10	1 1/2	2,542.65	1 1/2	3,207.93	1 1/2	3,897.12	1 1/2	4,600.41	1 1/2	5,308.53
3/4	71.77	3/4	382.29	3/4	818.89	3/4	1,340.44	3/4	1,924.79	3/4	2,556.19	3/4	3,222.08	3/4	3,911.66	3/4	4,615.14	3/4	5,323.27
6	76.32	6	390.23	6	828.93	6	1,352.00	6	1,937.48	6	2,569.73	6	3,236.22	6	3,926.20	6	4,629.88	6	5,338.01
1 1/4	81.25	1 1/4	398.38	1 1/4	839.11	1 1/4	1,363.66	1 1/4	1,950.25	1 1/4	2,583.32	1 1/4	3,250.41	1 1/4	3,940.76	1 1/4	4,644.62	1 1/4	5,352.74
1 1/2	86.19	1 1/2	406.52	1 1/2	849.29	1 1/2	1,375.32	1 1/2	1,963.03	1 1/2	2,596.92	1 1/2	3,264.59	1 1/2	3,955.32	1 1/2	4,659.92	1 1/2	5,367.47
3/4	91.13	3/4	414.67	3/4	859.48	3/4	1,386.99	3/4	1,975.80	3/4	2,610.52	3/4	3,278.78	3/4	3,969.88	3/4	4,674.10	3/4	5,382.20
7	96.06	7	422.82	7	869.66	7	1,398.65	7	1,988.57	7	2,624.12	7	3,292.96	7	3,984.44	7	4,688.84	7	5,396.94
1 1/4	101.36	1 1/4	431.16	1 1/4	879.98	1 1/4	1,410.42	1 1/4	2,001.42	1 1/4	2,637.77	1 1/4	3,307.19	1 1/4	3,999.03	1 1/4	4,703.59	1 1/4	5,411.66
1 1/2	106.65	1 1/2	439.51	1 1/2	890.31	1 1/2	1,422.19	1 1/2	2,014.27	1 1/2	2,651.43	1 1/2	3,321.41	1 1/2	4,013.61	1 1/2	4,718.34	1 1/2	5,426.38
3/4	111.95	3/4	447.86	3/4	900.53	3/4	1,433.95	3/4	2,027.12	3/4	2,665.08	3/4	3,335.64	3/4	4,028.20	3/4	4,733.09	3/4	5,441.10
8	117.24	8	456.20	8	910.66	8	1,445.72	8	2,039.97	8	2,678.74	8	3,349.86	8	4,042.78	8	4,747.84	8	5,455.83
1 1/4	122.85	1 1/4	464.74	1 1/4	921.42	1 1/4	1,457.59	1 1/4	2,052.90	1 1/4	2,692.45	1 1/4	3,364.12	1 1/4	4,057.39	1 1/4	4,762.59	1 1/4	5,470.54
1 1/2	128.45	1 1/2	473.28	1 1/2	931.88	1 1/2	1,469.46	1 1/2	2,066.83	1 1/2	2,706.16	1 1/2	3,378.39	1 1/2	4,071.99	1 1/2	4,777.34	1 1/2	5,485.25
3/4	134.05	3/4	481.82	3/4	942.34	3/4	1,481.33	3/4	2,078.76	3/4	2,719.87	3/4	3,392.65	3/4	4,086.60	3/4	4,792.10	3/4	5,499.96
9	139.65	9	490.36	9	953.80	9	1,493.20	9	2,091.69	9	2,733.58	9	3,406.91	9	4,101.20	9	4,806.85	9	5,514.67
1 1/4	145.54	1 1/4	499.09	1 1/4	963.40	1 1/4	1,505.17	1 1/4	2,104.69	1 1/4	2,747.35	1 1/4	3,421.21	1 1/4	4,115.83	1 1/4	4,821.61	1 1/4	5,529.37
1 1/2	151.43	1 1/2	507.81	1 1/2	973.99	1 1/2	1,517.14	1 1/2	2,117.69	1 1/2	2,761.11	1 1/2	3,435.51	1 1/2	4,130.45	1 1/2	4,836.36	1 1/2	5,544.07
3/4	157.31	3/4	516.54	3/4	984.59	3/4	1,529.11	3/4	2,130.70	3/4	2,774.88	3/4	3,449.81	3/4	4,145.07	3/4	4,851.12	3/4	5,558.77
10	163.20	10	525.27	10	995.18	10	1,541.08	10	2,143.70	10	2,788.65	10	3,464.10	10	4,159.70	10	4,865.88	10	5,573.47
1 1/4	169.38	1 1/4	534.18	1 1/4	1,005.91	1 1/4	1,553.15	1 1/4	2,156.77	1 1/4	2,802.46	1 1/4	3,478.44	1 1/4	4,174.34	1 1/4	4,880.64	1 1/4	5,588.16
1 1/2	175.57	1 1/2	543.08	1 1/2	1,016.63	1 1/2	1,566.22	1 1/2	2,169.85	1 1/2	2,816.28	1 1/2	3,492.77	1 1/2	4,188.99	1 1/2	4,895.39	1 1/2	5,602.85
3/4	181.75	3/4	551.99	3/4	1,027.36	3/4	1,577.29	3/4	2,182.93	3/4	2,830.32	3/4	3,507.10	3/4	4,203.63	3/4	4,910.15	3/4	5,617.53
11	187.93	11	560.90	11	1,038.08	11	1,589.36	11	2,196.00	11	2,843.92	11	3,521.44	11	4,218.27	11	4,924.91	11	5,632.22
1 1/4	194.39	1 1/4	569.98	1 1/4	1,048.94	1 1/4	1,601.52	1 1/4	2,209.15	1 1/4	2,857.79	1 1/4	3,535.80	1 1/4	4,232.93	1 1/4	4,939.67	1 1/4	5,646.89
1 1/2	200.85	1 1/2	579.07	1 1/2	1,059.79	1 1/2	1,613.63	1 1/2	2,222.30	1 1/2	2,871.66	1 1/2	3,550.17	1 1/2	4,247.59	1 1/2	4,954.43	1 1/2	5,661.56
3/4	207.31	3/4	588.15	3/4	1,070.64	3/4	1,625.85	3/4	2,235.45	3/4	2,885.53	3/4	3,564.54	3/4	4,262.25	3/4	4,969.20	3/4	5,676.23

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



BARGE "DBL 705"

STBD HORIZONTAL INNGAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

Table with columns for length (10 FT. to 19 FT.) and rows for various measurements (IN, 0, 10 FT., etc.).

STRAPPED: 06/12/2014 CL
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES ALL PRIOR TO 06/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PEARLAND, TEXAS 77588
& ANALYSIS, INC.

P.O. Box 2092
http://www.pdnacorp.net

Signature of P.D.N.A.C. representative