



BARGE "MPC 708"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	- 00-3/8	00-3/8	- 00-6/8	00-6/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 02-0/8	02-0/8	- 02-3/8	02-3/8
3 STBD	- 00-3/8	00-3/8	- 00-6/8	00-6/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 02-0/8	02-0/8	- 02-3/8	02-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 220'-09"

November 19, 2015

PRECISION MEASUREMENT
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<http://www.pmacorp.net>



BARGE "MPC 708"

1 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	16.90	0	231.84	0	518.47	0	869.69	0	1,232.31	0	1,595.76	0	1,959.48	0	2,323.43	0	2,687.38	0	3,051.03
1/4	18.86	1/4	237.36	1/4	525.33	1/4	877.21	1/4	1,239.89	1/4	1,603.31	1/4	1,967.06	1/4	2,331.01	1/4	2,694.96	1/4	3,058.59
1/2	20.81	1/2	242.88	1/2	532.19	1/2	884.74	1/2	1,247.47	1/2	1,610.87	1/2	1,974.65	1/2	2,338.60	1/2	2,702.55	1/2	3,066.16
3/4	22.77	3/4	248.40	3/4	539.04	3/4	892.26	3/4	1,255.06	3/4	1,618.42	3/4	1,982.23	3/4	2,346.18	3/4	2,710.13	3/4	3,073.73
1	24.73	1	253.91	1	545.90	1	899.78	1	1,262.64	1	1,625.97	1	1,989.81	1	2,353.76	1	2,717.71	1	3,081.29
1/4	28.16	1/4	259.54	1/4	552.87	1/4	907.30	1/4	1,270.22	1/4	1,633.52	1/4	1,997.39	1/4	2,361.34	1/4	2,725.29	1/4	3,088.86
1/2	31.60	1/2	265.17	1/2	559.84	1/2	914.83	1/2	1,277.80	1/2	1,641.08	1/2	2,004.97	1/2	2,368.92	1/2	2,732.88	1/2	3,096.43
3/4	35.03	3/4	270.80	3/4	566.81	3/4	922.35	3/4	1,285.39	3/4	1,648.63	3/4	2,012.56	3/4	2,376.51	3/4	2,740.46	3/4	3,104.00
2	38.47	2	276.43	2	573.78	2	929.88	2	1,292.97	2	1,656.19	2	2,020.14	2	2,384.09	2	2,748.04	2	3,111.56
1/4	42.66	1/4	282.17	1/4	580.86	1/4	937.40	1/4	1,300.55	1/4	1,663.77	1/4	2,027.72	1/4	2,391.67	1/4	2,755.62	1/4	3,119.13
1/2	46.85	1/2	287.91	1/2	587.94	1/2	944.93	1/2	1,308.14	1/2	1,671.35	1/2	2,035.30	1/2	2,399.25	1/2	2,763.20	1/2	3,126.70
3/4	51.05	3/4	293.65	3/4	595.02	3/4	952.45	3/4	1,315.72	3/4	1,678.94	3/4	2,042.89	3/4	2,406.84	3/4	2,770.79	3/4	3,134.26
3	55.24	3	299.40	3	602.10	3	959.98	3	1,323.30	3	1,686.52	3	2,050.47	3	2,414.42	3	2,778.37	3	3,141.83
1/4	59.45	1/4	305.23	1/4	609.29	1/4	967.51	1/4	1,330.89	1/4	1,694.10	1/4	2,058.05	1/4	2,422.00	1/4	2,785.95	1/4	3,149.40
1/2	63.66	1/2	311.06	1/2	616.48	1/2	975.04	1/2	1,338.47	1/2	1,701.68	1/2	2,065.63	1/2	2,429.58	1/2	2,793.53	1/2	3,156.96
3/4	67.87	3/4	316.89	3/4	623.68	3/4	982.57	3/4	1,346.05	3/4	1,709.26	3/4	2,073.22	3/4	2,437.17	3/4	2,801.12	3/4	3,164.53
4	72.08	4	322.73	4	630.87	4	990.10	4	1,353.63	4	1,716.85	4	2,080.80	4	2,444.75	4	2,808.70	4	3,172.10
1/4	76.56	1/4	328.51	1/4	638.16	1/4	997.63	1/4	1,361.22	1/4	1,724.43	1/4	2,088.38	1/4	2,452.33	1/4	2,816.28	1/4	3,179.67
1/2	81.05	1/2	334.30	1/2	645.46	1/2	1,005.17	1/2	1,368.80	1/2	1,732.01	1/2	2,095.96	1/2	2,459.91	1/2	2,823.86	1/2	3,187.23
3/4	85.53	3/4	340.08	3/4	652.76	3/4	1,012.70	3/4	1,376.38	3/4	1,739.59	3/4	2,103.54	3/4	2,467.49	3/4	2,831.45	3/4	3,194.80
5	90.01	5	345.87	5	660.05	5	1,020.23	5	1,383.97	5	1,747.18	5	2,111.13	5	2,475.08	5	2,839.03	5	3,202.37
1/4	94.74	1/4	351.62	1/4	667.40	1/4	1,027.78	1/4	1,391.55	1/4	1,754.76	1/4	2,118.71	1/4	2,482.66	1/4	2,846.61	1/4	3,209.93
1/2	99.47	1/2	357.38	1/2	674.76	1/2	1,035.33	1/2	1,399.13	1/2	1,762.34	1/2	2,126.29	1/2	2,490.24	1/2	2,854.19	1/2	3,217.50
3/4	104.20	3/4	363.13	3/4	682.11	3/4	1,042.88	3/4	1,406.72	3/4	1,769.92	3/4	2,133.87	3/4	2,497.82	3/4	2,861.77	3/4	3,225.07
6	108.93	6	368.89	6	689.47	6	1,050.43	6	1,414.30	6	1,777.51	6	2,141.46	6	2,505.41	6	2,869.36	6	3,232.63
1/4	113.77	1/4	374.76	1/4	696.92	1/4	1,057.98	1/4	1,421.88	1/4	1,785.09	1/4	2,149.04	1/4	2,512.99	1/4	2,876.94	1/4	3,240.20
1/2	118.62	1/2	380.63	1/2	704.38	1/2	1,065.54	1/2	1,429.46	1/2	1,792.67	1/2	2,156.62	1/2	2,520.57	1/2	2,884.52	1/2	3,247.77
3/4	123.46	3/4	386.50	3/4	711.84	3/4	1,073.09	3/4	1,437.05	3/4	1,800.25	3/4	2,164.20	3/4	2,528.15	3/4	2,892.10	3/4	3,255.34
7	128.30	7	392.36	7	719.30	7	1,080.65	7	1,444.63	7	1,807.83	7	2,171.79	7	2,535.74	7	2,899.69	7	3,262.90
1/4	133.25	1/4	398.34	1/4	726.82	1/4	1,088.23	1/4	1,452.21	1/4	1,815.42	1/4	2,179.37	1/4	2,543.32	1/4	2,907.25	1/4	3,270.47
1/2	138.21	1/2	404.32	1/2	734.33	1/2	1,095.81	1/2	1,459.79	1/2	1,823.00	1/2	2,186.95	1/2	2,550.90	1/2	2,914.82	1/2	3,278.04
3/4	143.16	3/4	410.30	3/4	741.85	3/4	1,103.40	3/4	1,467.37	3/4	1,830.58	3/4	2,194.53	3/4	2,558.48	3/4	2,922.39	3/4	3,285.60
8	148.11	8	416.28	8	749.36	8	1,110.98	8	1,474.95	8	1,838.16	8	2,202.11	8	2,566.06	8	2,929.95	8	3,293.17
1/4	153.18	1/4	422.37	1/4	756.88	1/4	1,118.56	1/4	1,482.50	1/4	1,845.75	1/4	2,209.70	1/4	2,573.65	1/4	2,937.52	1/4	3,300.74
1/2	158.24	1/2	428.47	1/2	764.40	1/2	1,126.14	1/2	1,490.05	1/2	1,853.33	1/2	2,217.28	1/2	2,581.23	1/2	2,945.09	1/2	3,308.30
3/4	163.31	3/4	434.56	3/4	771.92	3/4	1,133.73	3/4	1,497.60	3/4	1,860.91	3/4	2,224.86	3/4	2,588.81	3/4	2,952.66	3/4	3,315.87
9	168.37	9	440.65	9	779.44	9	1,141.31	9	1,505.15	9	1,868.49	9	2,232.44	9	2,596.39	9	2,960.22	9	3,323.44
1/4	173.55	1/4	446.87	1/4	786.96	1/4	1,148.89	1/4	1,512.70	1/4	1,876.08	1/4	2,240.03	1/4	2,603.98	1/4	2,967.79	1/4	3,331.01
1/2	178.72	1/2	453.09	1/2	794.48	1/2	1,156.48	1/2	1,520.25	1/2	1,883.66	1/2	2,247.61	1/2	2,611.56	1/2	2,975.36	1/2	3,338.57
3/4	183.90	3/4	459.32	3/4	802.01	3/4	1,164.06	3/4	1,527.80	3/4	1,891.24	3/4	2,255.19	3/4	2,619.14	3/4	2,982.92	3/4	3,346.14
10	189.07	10	465.54	10	809.53	10	1,171.64	10	1,535.36	10	1,898.82	10	2,262.77	10	2,626.72	10	2,990.49	10	3,353.71
1/4	194.36	1/4	472.03	1/4	817.05	1/4	1,179.23	1/4	1,542.91	1/4	1,906.40	1/4	2,270.35	1/4	2,634.31	1/4	2,998.06	1/4	3,361.27
1/2	199.65	1/2	478.52	1/2	824.57	1/2	1,186.81	1/2	1,550.46	1/2	1,913.99	1/2	2,277.94	1/2	2,641.89	1/2	3,005.62	1/2	3,368.84
3/4	204.94	3/4	485.01	3/4	832.09	3/4	1,194.39	3/4	1,558.01	3/4	1,921.57	3/4	2,285.52	3/4	2,649.47	3/4	3,013.19	3/4	3,376.41
11	210.23	11	491.50	11	839.61	11	1,201.97	11	1,565.56	11	1,929.15	11	2,293.10	11	2,657.05	11	3,020.76	11	3,383.97
1/4	215.63	1/4	498.25	1/4	847.13	1/4	1,209.56	1/4	1,573.11	1/4	1,936.73	1/4	2,300.68	1/4	2,664.63	1/4	3,028.33	1/4	3,391.54
1/2	221.03	1/2	504.99	1/2	854.65	1/2	1,217.14	1/2	1,580.66	1/2	1,944.32	1/2	2,308.27	1/2	2,672.22	1/2	3,035.89	1/2	3,399.11
3/4	226.44	3/4	511.73	3/4	862.17	3/4	1,224.72	3/4	1,588.21	3/4	1,951.90	3/4	2,315.85	3/4	2,679.80	3/4	3,043.46	3/4	3,406.68

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH.
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "MPC 708"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	3,414.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,421.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,429.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,436.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,444.51	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,452.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,459.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,467.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,474.76	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,482.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,489.82	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,497.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,504.87	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,512.40	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,519.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,527.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,534.99	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,542.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,550.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,557.58	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,565.11	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,572.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,580.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,587.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,595.22	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,602.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,610.19	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,617.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,625.15	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,632.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,639.26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,646.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,653.37	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,659.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,665.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,672.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,678.56	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,684.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,689.64	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,695.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,700.72	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,705.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,710.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,715.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,719.84	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	3,723.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,727.88	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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



BARGE "MPC 708"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06"

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	16.90	0	231.84	0	518.47	0	870.65	0	1,234.18	0	1,597.64	0	1,961.36	0	2,325.31	0	2,689.27	0	3,052.90
1/4	18.86	1/4	237.36	1/4	525.33	1/4	878.20	1/4	1,241.76	1/4	1,605.19	1/4	1,968.94	1/4	2,332.89	1/4	2,696.85	1/4	3,060.46
1/2	20.81	1/2	242.88	1/2	532.19	1/2	885.76	1/2	1,249.34	1/2	1,612.74	1/2	1,976.52	1/2	2,340.48	1/2	2,704.43	1/2	3,068.03
3/4	22.77	3/4	248.40	3/4	539.04	3/4	893.31	3/4	1,256.93	3/4	1,620.29	3/4	1,984.10	3/4	2,348.06	3/4	2,712.01	3/4	3,075.60
1	24.73	1	253.91	1	545.90	1	900.86	1	1,264.51	1	1,627.84	1	1,991.69	1	2,355.64	1	2,719.60	1	3,083.17
1/4	28.16	1/4	259.54	1/4	552.87	1/4	908.42	1/4	1,272.09	1/4	1,635.40	1/4	1,999.27	1/4	2,363.22	1/4	2,727.18	1/4	3,090.73
1/2	31.60	1/2	265.17	1/2	559.84	1/2	915.98	1/2	1,279.68	1/2	1,642.95	1/2	2,006.85	1/2	2,370.81	1/2	2,734.76	1/2	3,098.30
3/4	35.03	3/4	270.80	3/4	566.81	3/4	923.54	3/4	1,287.26	3/4	1,650.51	3/4	2,014.43	3/4	2,378.39	3/4	2,742.34	3/4	3,105.87
2	38.47	2	276.43	2	573.78	2	931.10	2	1,294.84	2	1,658.06	2	2,022.02	2	2,385.97	2	2,749.93	2	3,113.43
1/4	42.66	1/4	282.17	1/4	580.86	1/4	938.66	1/4	1,302.42	1/4	1,665.64	1/4	2,029.60	1/4	2,393.55	1/4	2,757.51	1/4	3,121.00
1/2	46.85	1/2	287.91	1/2	587.94	1/2	946.21	1/2	1,310.01	1/2	1,673.23	1/2	2,037.18	1/2	2,401.14	1/2	2,765.09	1/2	3,128.57
3/4	51.05	3/4	293.65	3/4	595.02	3/4	953.77	3/4	1,317.59	3/4	1,680.81	3/4	2,044.76	3/4	2,408.72	3/4	2,772.67	3/4	3,136.13
3	55.24	3	299.40	3	602.10	3	961.33	3	1,325.17	3	1,688.39	3	2,052.35	3	2,416.30	3	2,780.26	3	3,143.70
1/4	59.45	1/4	305.23	1/4	609.29	1/4	968.90	1/4	1,332.76	1/4	1,695.97	1/4	2,059.93	1/4	2,423.88	1/4	2,787.84	1/4	3,151.27
1/2	63.66	1/2	311.06	1/2	616.48	1/2	976.46	1/2	1,340.34	1/2	1,703.55	1/2	2,067.51	1/2	2,431.46	1/2	2,795.42	1/2	3,158.84
3/4	67.87	3/4	316.89	3/4	623.68	3/4	984.02	3/4	1,347.92	3/4	1,711.14	3/4	2,075.09	3/4	2,439.05	3/4	2,803.00	3/4	3,166.40
4	72.08	4	322.73	4	630.87	4	991.59	4	1,355.51	4	1,718.72	4	2,082.67	4	2,446.63	4	2,810.58	4	3,173.97
1/4	76.56	1/4	328.51	1/4	638.17	1/4	999.15	1/4	1,363.09	1/4	1,726.30	1/4	2,090.26	1/4	2,454.21	1/4	2,818.17	1/4	3,181.54
1/2	81.05	1/2	334.30	1/2	645.47	1/2	1,006.72	1/2	1,370.67	1/2	1,733.88	1/2	2,097.84	1/2	2,461.79	1/2	2,825.75	1/2	3,189.10
3/4	85.53	3/4	340.08	3/4	652.77	3/4	1,014.29	3/4	1,378.25	3/4	1,741.47	3/4	2,105.42	3/4	2,469.38	3/4	2,833.33	3/4	3,196.67
5	90.01	5	345.87	5	660.07	5	1,021.85	5	1,385.84	5	1,749.05	5	2,113.00	5	2,476.96	5	2,840.91	5	3,204.24
1/4	94.74	1/4	351.62	1/4	667.46	1/4	1,029.44	1/4	1,393.42	1/4	1,756.63	1/4	2,120.59	1/4	2,484.54	1/4	2,848.50	1/4	3,211.80
1/2	99.47	1/2	357.38	1/2	674.84	1/2	1,037.02	1/2	1,401.00	1/2	1,764.21	1/2	2,128.17	1/2	2,492.12	1/2	2,856.08	1/2	3,219.37
3/4	104.20	3/4	363.13	3/4	682.23	3/4	1,044.60	3/4	1,408.59	3/4	1,771.80	3/4	2,135.75	3/4	2,499.71	3/4	2,863.66	3/4	3,226.94
6	108.93	6	368.89	6	689.62	6	1,052.19	6	1,416.17	6	1,779.38	6	2,143.33	6	2,507.29	6	2,871.24	6	3,234.51
1/4	113.77	1/4	374.76	1/4	697.11	1/4	1,059.77	1/4	1,423.75	1/4	1,786.96	1/4	2,150.92	1/4	2,514.87	1/4	2,878.82	1/4	3,242.07
1/2	118.62	1/2	380.63	1/2	704.60	1/2	1,067.35	1/2	1,431.34	1/2	1,794.54	1/2	2,158.50	1/2	2,522.45	1/2	2,886.40	1/2	3,249.64
3/4	123.46	3/4	386.50	3/4	712.09	3/4	1,074.93	3/4	1,438.92	3/4	1,802.13	3/4	2,166.08	3/4	2,530.04	3/4	2,893.98	3/4	3,257.21
7	128.30	7	392.36	7	719.59	7	1,082.52	7	1,446.50	7	1,809.71	7	2,173.66	7	2,537.62	7	2,901.56	7	3,264.77
1/4	133.25	1/4	398.34	1/4	727.13	1/4	1,090.10	1/4	1,454.08	1/4	1,817.29	1/4	2,181.25	1/4	2,545.20	1/4	2,909.12	1/4	3,272.34
1/2	138.21	1/2	404.32	1/2	734.68	1/2	1,097.68	1/2	1,461.66	1/2	1,824.87	1/2	2,188.83	1/2	2,552.78	1/2	2,916.69	1/2	3,279.91
3/4	143.16	3/4	410.30	3/4	742.23	3/4	1,105.27	3/4	1,469.24	3/4	1,832.46	3/4	2,196.41	3/4	2,560.37	3/4	2,924.26	3/4	3,287.47
8	148.11	8	416.28	8	749.78	8	1,112.85	8	1,476.82	8	1,840.04	8	2,203.99	8	2,567.95	8	2,931.83	8	3,295.04
1/4	153.18	1/4	422.37	1/4	757.33	1/4	1,120.43	1/4	1,484.37	1/4	1,847.62	1/4	2,211.58	1/4	2,575.53	1/4	2,939.39	1/4	3,302.61
1/2	158.24	1/2	428.47	1/2	764.89	1/2	1,128.02	1/2	1,491.92	1/2	1,855.20	1/2	2,219.16	1/2	2,583.11	1/2	2,946.96	1/2	3,310.18
3/4	163.31	3/4	434.56	3/4	772.44	3/4	1,135.60	3/4	1,499.47	3/4	1,862.79	3/4	2,226.74	3/4	2,590.70	3/4	2,954.53	3/4	3,317.74
9	168.37	9	440.65	9	779.99	9	1,143.18	9	1,507.02	9	1,870.37	9	2,234.32	9	2,598.28	9	2,962.09	9	3,325.31
1/4	173.55	1/4	446.87	1/4	787.55	1/4	1,150.76	1/4	1,514.57	1/4	1,877.95	1/4	2,241.91	1/4	2,605.86	1/4	2,969.66	1/4	3,332.88
1/2	178.72	1/2	453.09	1/2	795.10	1/2	1,158.35	1/2	1,522.13	1/2	1,885.53	1/2	2,249.49	1/2	2,613.44	1/2	2,977.23	1/2	3,340.44
3/4	183.90	3/4	459.32	3/4	802.66	3/4	1,165.93	3/4	1,529.68	3/4	1,893.11	3/4	2,257.07	3/4	2,621.02	3/4	2,984.79	3/4	3,348.01
10	189.07	10	465.54	10	810.21	10	1,173.51	10	1,537.23	10	1,900.70	10	2,264.65	10	2,628.61	10	2,992.36	10	3,355.58
1/4	194.36	1/4	472.03	1/4	817.77	1/4	1,181.10	1/4	1,544.78	1/4	1,908.28	1/4	2,272.23	1/4	2,636.19	1/4	2,999.93	1/4	3,363.14
1/2	199.65	1/2	478.52	1/2	825.32	1/2	1,188.68	1/2	1,552.33	1/2	1,915.86	1/2	2,279.82	1/2	2,643.77	1/2	3,007.50	1/2	3,370.71
3/4	204.94	3/4	485.01	3/4	832.87	3/4	1,196.26	3/4	1,559.88	3/4	1,923.44	3/4	2,287.40	3/4	2,651.35	3/4	3,015.06	3/4	3,378.28
11	210.23	11	491.50	11	840.43	11	1,203.85	11	1,567.43	11	1,931.03	11	2,294.98	11	2,658.94	11	3,022.63	11	3,385.85
1/4	215.63	1/4	498.25	1/4	847.98	1/4	1,211.43	1/4	1,574.98	1/4	1,938.61	1/4	2,302.56	1/4	2,666.52	1/4	3,030.20	1/4	3,393.41
1/2	221.03	1/2	504.99	1/2	855.54	1/2	1,219.01	1/2	1,582.53	1/2	1,946.19	1/2	2,310.15	1/2	2,674.10	1/2	3,037.76	1/2	3,400.98
3/4	226.44	3/4	511.73	3/4	863.09	3/4	1,226.59	3/4	1,590.09	3/4	1,953.77	3/4	2,317.73	3/4	2,681.68	3/4	3,045.33	3/4	3,408.55

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH.

GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 708"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06"

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	3,416.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,423.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,431.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,438.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,446.38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,453.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,461.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,469.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,476.63	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,484.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,491.69	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,499.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,506.75	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,514.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,521.80	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,529.33	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,536.86	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,544.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,551.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,559.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,566.98	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,574.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,582.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,589.57	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,597.10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,604.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,612.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,619.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,627.02	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,634.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,641.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,648.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,655.25	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,661.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,667.84	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,674.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,680.43	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,685.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,691.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,697.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,702.59	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,707.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,712.15	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,716.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,721.71	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	3,725.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,729.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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



BARGE "MPC 708"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	18.17	0	361.14	0	712.88	0	1,062.00	0	1,411.83	0	1,768.52	0	2,126.68	0	2,486.09	0	2,845.50	0	3,204.61
1/4	23.08	1/4	368.63	1/4	720.37	1/4	1,069.13	1/4	1,419.32	1/4	1,775.84	1/4	2,134.17	1/4	2,493.58	1/4	2,852.99	1/4	3,212.08
1/2	28.00	1/2	376.12	1/2	727.86	1/2	1,076.26	1/2	1,426.81	1/2	1,783.16	1/2	2,141.66	1/2	2,501.07	1/2	2,860.48	1/2	3,219.55
3/4	32.91	3/4	383.61	3/4	735.34	3/4	1,083.38	3/4	1,434.30	3/4	1,790.48	3/4	2,149.15	3/4	2,508.56	3/4	2,867.97	3/4	3,227.02
1	37.83	1	391.09	1	742.83	1	1,090.51	1	1,441.78	1	1,797.81	1	2,156.63	1	2,516.04	1	2,875.45	1	3,234.50
1/4	44.47	1/4	398.58	1/4	750.32	1/4	1,097.64	1/4	1,449.27	1/4	1,805.15	1/4	2,164.12	1/4	2,523.53	1/4	2,882.94	1/4	3,241.97
1/2	51.12	1/2	406.07	1/2	757.81	1/2	1,104.77	1/2	1,456.76	1/2	1,812.49	1/2	2,171.61	1/2	2,531.02	1/2	2,890.43	1/2	3,249.44
3/4	57.76	3/4	413.56	3/4	765.30	3/4	1,111.90	3/4	1,464.25	3/4	1,819.83	3/4	2,179.10	3/4	2,538.51	3/4	2,897.92	3/4	3,256.91
2	64.40	2	421.05	2	772.78	2	1,119.03	2	1,471.74	2	1,827.17	2	2,186.58	2	2,545.99	2	2,905.40	2	3,264.39
1/4	71.68	1/4	428.54	1/4	780.27	1/4	1,126.16	1/4	1,479.23	1/4	1,834.66	1/4	2,194.07	1/4	2,553.48	1/4	2,912.89	1/4	3,271.86
1/2	78.96	1/2	436.02	1/2	787.76	1/2	1,133.29	1/2	1,486.71	1/2	1,842.15	1/2	2,201.56	1/2	2,560.97	1/2	2,920.38	1/2	3,279.33
3/4	86.24	3/4	443.51	3/4	795.25	3/4	1,140.42	3/4	1,494.20	3/4	1,849.64	3/4	2,209.05	3/4	2,568.46	3/4	2,927.87	3/4	3,286.80
3	93.52	3	451.00	3	802.74	3	1,147.55	3	1,501.69	3	1,857.13	3	2,216.54	3	2,575.94	3	2,935.35	3	3,294.27
1/4	100.71	1/4	458.47	1/4	810.22	1/4	1,154.69	1/4	1,509.18	1/4	1,864.61	1/4	2,224.02	1/4	2,583.43	1/4	2,942.84	1/4	3,301.75
1/2	107.89	1/2	465.94	1/2	817.71	1/2	1,161.83	1/2	1,516.67	1/2	1,872.10	1/2	2,231.51	1/2	2,590.92	1/2	2,950.33	1/2	3,309.22
3/4	115.08	3/4	473.40	3/4	825.20	3/4	1,168.96	3/4	1,524.16	3/4	1,879.59	3/4	2,239.00	3/4	2,598.41	3/4	2,957.82	3/4	3,316.69
4	122.26	4	480.87	4	832.69	4	1,176.10	4	1,531.65	4	1,887.08	4	2,246.49	4	2,605.90	4	2,965.31	4	3,324.16
1/4	129.61	1/4	488.18	1/4	840.13	1/4	1,183.24	1/4	1,539.13	1/4	1,894.56	1/4	2,253.97	1/4	2,613.38	1/4	2,972.79	1/4	3,331.64
1/2	136.95	1/2	495.49	1/2	847.58	1/2	1,190.38	1/2	1,546.62	1/2	1,902.05	1/2	2,261.46	1/2	2,620.87	1/2	2,980.28	1/2	3,339.11
3/4	144.30	3/4	502.80	3/4	855.02	3/4	1,197.52	3/4	1,554.11	3/4	1,909.54	3/4	2,268.95	3/4	2,628.36	3/4	2,987.77	3/4	3,346.58
5	151.65	5	510.11	5	862.46	5	1,204.65	5	1,561.60	5	1,917.03	5	2,276.44	5	2,635.85	5	2,995.26	5	3,354.05
1/4	159.13	1/4	517.28	1/4	869.59	1/4	1,211.81	1/4	1,569.09	1/4	1,924.51	1/4	2,283.92	1/4	2,643.33	1/4	3,002.74	1/4	3,361.53
1/2	166.61	1/2	524.44	1/2	876.71	1/2	1,218.96	1/2	1,576.58	1/2	1,932.00	1/2	2,291.41	1/2	2,650.82	1/2	3,010.23	1/2	3,369.00
3/4	174.09	3/4	531.61	3/4	883.84	3/4	1,226.12	3/4	1,584.06	3/4	1,939.49	3/4	2,298.90	3/4	2,658.31	3/4	3,017.72	3/4	3,376.47
6	181.57	6	538.78	6	890.97	6	1,233.28	6	1,591.55	6	1,946.98	6	2,306.39	6	2,665.80	6	3,025.21	6	3,383.94
1/4	189.05	1/4	545.95	1/4	898.09	1/4	1,240.47	1/4	1,599.04	1/4	1,954.47	1/4	2,313.88	1/4	2,673.28	1/4	3,032.69	1/4	3,391.42
1/2	196.54	1/2	553.12	1/2	905.22	1/2	1,247.67	1/2	1,606.53	1/2	1,961.95	1/2	2,321.36	1/2	2,680.77	1/2	3,040.18	1/2	3,398.89
3/4	204.02	3/4	560.29	3/4	912.35	3/4	1,254.87	3/4	1,614.02	3/4	1,969.44	3/4	2,328.85	3/4	2,688.26	3/4	3,047.67	3/4	3,406.36
7	211.50	7	567.46	7	919.47	7	1,262.06	7	1,621.51	7	1,976.93	7	2,336.34	7	2,695.75	7	3,055.16	7	3,413.83
1/4	218.98	1/4	574.62	1/4	926.60	1/4	1,269.55	1/4	1,628.97	1/4	1,984.42	1/4	2,343.83	1/4	2,703.24	1/4	3,062.63	1/4	3,421.31
1/2	226.46	1/2	581.79	1/2	933.73	1/2	1,277.04	1/2	1,636.44	1/2	1,991.90	1/2	2,351.31	1/2	2,710.72	1/2	3,070.10	1/2	3,428.78
3/4	233.94	3/4	588.96	3/4	940.85	3/4	1,284.53	3/4	1,643.91	3/4	1,999.39	3/4	2,358.80	3/4	2,718.21	3/4	3,077.58	3/4	3,436.25
8	241.42	8	596.13	8	947.98	8	1,292.02	8	1,651.38	8	2,006.88	8	2,366.29	8	2,725.70	8	3,085.05	8	3,443.72
1/4	248.90	1/4	603.30	1/4	955.11	1/4	1,299.50	1/4	1,658.70	1/4	2,014.37	1/4	2,373.78	1/4	2,733.19	1/4	3,092.52	1/4	3,451.20
1/2	256.39	1/2	610.47	1/2	962.23	1/2	1,306.99	1/2	1,666.02	1/2	2,021.85	1/2	2,381.26	1/2	2,740.67	1/2	3,099.99	1/2	3,458.67
3/4	263.87	3/4	617.64	3/4	969.36	3/4	1,314.48	3/4	1,673.34	3/4	2,029.34	3/4	2,388.75	3/4	2,748.16	3/4	3,107.46	3/4	3,466.14
9	271.35	9	624.81	9	976.49	9	1,321.97	9	1,680.66	9	2,036.83	9	2,396.24	9	2,755.65	9	3,114.94	9	3,473.61
1/4	278.83	1/4	631.99	1/4	983.61	1/4	1,329.46	1/4	1,687.98	1/4	2,044.32	1/4	2,403.73	1/4	2,763.14	1/4	3,122.41	1/4	3,481.08
1/2	286.31	1/2	639.18	1/2	990.74	1/2	1,336.95	1/2	1,695.31	1/2	2,051.81	1/2	2,411.22	1/2	2,770.63	1/2	3,129.88	1/2	3,488.56
3/4	293.79	3/4	646.37	3/4	997.86	3/4	1,344.44	3/4	1,702.63	3/4	2,059.29	3/4	2,418.70	3/4	2,778.11	3/4	3,137.35	3/4	3,496.03
10	301.27	10	653.56	10	1,004.99	10	1,351.92	10	1,709.95	10	2,066.78	10	2,426.19	10	2,785.60	10	3,144.83	10	3,503.50
1/4	308.76	1/4	660.90	1/4	1,012.12	1/4	1,359.41	1/4	1,717.27	1/4	2,074.27	1/4	2,433.68	1/4	2,793.09	1/4	3,152.30	1/4	3,510.97
1/2	316.24	1/2	668.25	1/2	1,019.24	1/2	1,366.90	1/2	1,724.59	1/2	2,081.76	1/2	2,441.17	1/2	2,800.58	1/2	3,159.77	1/2	3,518.45
3/4	323.72	3/4	675.59	3/4	1,026.37	3/4	1,374.39	3/4	1,731.91	3/4	2,089.24	3/4	2,448.65	3/4	2,808.06	3/4	3,167.24	3/4	3,525.92
11	331.20	11	682.94	11	1,033.50	11	1,381.88	11	1,739.23	11	2,096.73	11	2,456.14	11	2,815.55	11	3,174.72	11	3,533.39
1/4	338.69	1/4	690.42	1/4	1,040.62	1/4	1,389.37	1/4	1,746.56	1/4	2,104.22	1/4	2,463.63	1/4	2,823.04	1/4	3,182.19	1/4	3,540.86
1/2	346.17	1/2	697.91	1/2	1,047.75	1/2	1,396.85	1/2	1,753.88	1/2	2,111.71	1/2	2,471.12	1/2	2,830.53	1/2	3,189.66	1/2	3,548.34
3/4	353.66	3/4	705.39	3/4	1,054.88	3/4	1,404.34	3/4	1,761.20	3/4	2,119.20	3/4	2,478.60	3/4	2,838.01	3/4	3,197.13	3/4	3,555.81

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH.
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "MPC 708"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	3,563.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,570.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,578.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,585.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,593.17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,600.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,608.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,615.57	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,623.04	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,630.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,637.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,645.34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,652.78	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,660.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,667.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,675.08	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,682.52	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,689.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,697.39	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,704.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,712.25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,719.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,727.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,734.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,741.99	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,749.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,756.77	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,764.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,771.54	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,778.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,785.48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,792.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,799.41	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,805.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,811.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,818.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,824.28	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,829.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,835.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,840.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,846.16	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,850.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,855.60	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,860.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,865.04	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	3,869.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,872.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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



BARGE "MPC 708"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	18.15	0	360.82	0	712.24	0	1,070.54	0	1,429.21	0	1,785.58	0	2,143.43	0	2,502.52	0	2,861.61	0	3,220.39
1/4	23.06	1/4	368.30	1/4	719.72	1/4	1,077.99	1/4	1,436.69	1/4	1,792.90	1/4	2,150.91	1/4	2,510.00	1/4	2,869.09	1/4	3,227.85
1/2	27.97	1/2	375.78	1/2	727.20	1/2	1,085.44	1/2	1,444.17	1/2	1,800.21	1/2	2,158.39	1/2	2,517.48	1/2	2,876.57	1/2	3,235.32
3/4	32.88	3/4	383.26	3/4	734.68	3/4	1,092.90	3/4	1,451.66	3/4	1,807.52	3/4	2,165.87	3/4	2,524.96	3/4	2,884.05	3/4	3,242.79
1	37.79	1	390.75	1	742.16	1	1,100.35	1	1,459.14	1	1,814.84	1	2,173.35	1	2,532.44	1	2,891.54	1	3,250.25
1/4	44.43	1/4	398.23	1/4	749.65	1/4	1,107.81	1/4	1,466.62	1/4	1,822.17	1/4	2,180.83	1/4	2,539.92	1/4	2,899.02	1/4	3,257.72
1/2	51.07	1/2	405.71	1/2	757.13	1/2	1,115.26	1/2	1,474.10	1/2	1,829.51	1/2	2,188.31	1/2	2,547.40	1/2	2,906.50	1/2	3,265.18
3/4	57.71	3/4	413.19	3/4	764.61	3/4	1,122.72	3/4	1,481.58	3/4	1,836.85	3/4	2,195.79	3/4	2,554.89	3/4	2,913.98	3/4	3,272.65
2	64.35	2	420.67	2	772.09	2	1,130.18	2	1,489.07	2	1,844.18	2	2,203.27	2	2,562.37	2	2,921.46	2	3,280.11
1/4	71.62	1/4	428.15	1/4	779.57	1/4	1,137.64	1/4	1,496.55	1/4	1,851.66	1/4	2,210.76	1/4	2,569.85	1/4	2,928.94	1/4	3,287.58
1/2	78.89	1/2	435.63	1/2	787.05	1/2	1,145.09	1/2	1,504.03	1/2	1,859.14	1/2	2,218.24	1/2	2,577.33	1/2	2,936.42	1/2	3,295.05
3/4	86.17	3/4	443.12	3/4	794.53	3/4	1,152.55	3/4	1,511.51	3/4	1,866.62	3/4	2,225.72	3/4	2,584.81	3/4	2,943.90	3/4	3,302.51
3	93.44	3	450.60	3	802.02	3	1,160.01	3	1,518.99	3	1,874.11	3	2,233.20	3	2,592.29	3	2,951.38	3	3,309.98
1/4	100.62	1/4	458.06	1/4	809.50	1/4	1,167.47	1/4	1,526.47	1/4	1,881.59	1/4	2,240.68	1/4	2,599.77	1/4	2,958.87	1/4	3,317.44
1/2	107.80	1/2	465.52	1/2	816.98	1/2	1,174.93	1/2	1,533.96	1/2	1,889.07	1/2	2,248.16	1/2	2,607.25	1/2	2,966.35	1/2	3,324.91
3/4	114.97	3/4	472.98	3/4	824.46	3/4	1,182.40	3/4	1,541.44	3/4	1,896.55	3/4	2,255.64	3/4	2,614.73	3/4	2,973.83	3/4	3,332.37
4	122.15	4	480.44	4	831.94	4	1,189.86	4	1,548.92	4	1,904.03	4	2,263.12	4	2,622.22	4	2,981.31	4	3,339.84
1/4	129.49	1/4	487.75	1/4	839.42	1/4	1,197.33	1/4	1,556.40	1/4	1,911.51	1/4	2,270.60	1/4	2,629.70	1/4	2,988.79	1/4	3,347.31
1/2	136.83	1/2	495.05	1/2	846.90	1/2	1,204.79	1/2	1,563.88	1/2	1,918.99	1/2	2,278.09	1/2	2,637.18	1/2	2,996.27	1/2	3,354.77
3/4	144.17	3/4	502.35	3/4	854.38	3/4	1,212.26	3/4	1,571.37	3/4	1,926.47	3/4	2,285.57	3/4	2,644.66	3/4	3,003.75	3/4	3,362.24
5	151.51	5	509.65	5	861.85	5	1,219.72	5	1,578.85	5	1,933.95	5	2,293.05	5	2,652.14	5	3,011.23	5	3,369.70
1/4	158.99	1/4	516.81	1/4	869.31	1/4	1,227.20	1/4	1,586.33	1/4	1,941.44	1/4	2,300.53	1/4	2,659.62	1/4	3,018.71	1/4	3,377.17
1/2	166.46	1/2	523.98	1/2	876.76	1/2	1,234.68	1/2	1,593.81	1/2	1,948.92	1/2	2,308.01	1/2	2,667.10	1/2	3,026.20	1/2	3,384.63
3/4	173.94	3/4	531.14	3/4	884.21	3/4	1,242.17	3/4	1,601.29	3/4	1,956.40	3/4	2,315.49	3/4	2,674.58	3/4	3,033.68	3/4	3,392.10
6	181.41	6	538.30	6	891.67	6	1,249.65	6	1,608.77	6	1,963.88	6	2,322.97	6	2,682.06	6	3,041.16	6	3,399.57
1/4	188.88	1/4	545.46	1/4	899.12	1/4	1,257.13	1/4	1,616.26	1/4	1,971.36	1/4	2,330.45	1/4	2,689.55	1/4	3,048.64	1/4	3,407.03
1/2	196.36	1/2	552.62	1/2	906.57	1/2	1,264.61	1/2	1,623.74	1/2	1,978.84	1/2	2,337.93	1/2	2,697.03	1/2	3,056.12	1/2	3,414.50
3/4	203.83	3/4	559.79	3/4	914.02	3/4	1,272.09	3/4	1,631.22	3/4	1,986.32	3/4	2,345.42	3/4	2,704.51	3/4	3,063.60	3/4	3,421.96
7	211.31	7	566.95	7	921.48	7	1,279.58	7	1,638.70	7	1,993.80	7	2,352.90	7	2,711.99	7	3,071.07	7	3,429.43
1/4	218.78	1/4	574.11	1/4	928.93	1/4	1,287.06	1/4	1,646.16	1/4	2,001.28	1/4	2,360.38	1/4	2,719.47	1/4	3,078.54	1/4	3,436.89
1/2	226.26	1/2	581.27	1/2	936.38	1/2	1,294.54	1/2	1,653.62	1/2	2,008.77	1/2	2,367.86	1/2	2,726.95	1/2	3,086.01	1/2	3,444.36
3/4	233.73	3/4	588.43	3/4	943.84	3/4	1,302.02	3/4	1,661.08	3/4	2,016.25	3/4	2,375.34	3/4	2,734.43	3/4	3,093.47	3/4	3,451.82
8	241.21	8	595.60	8	951.29	8	1,309.50	8	1,668.54	8	2,023.73	8	2,382.82	8	2,741.91	8	3,100.94	8	3,459.29
1/4	248.68	1/4	602.76	1/4	958.74	1/4	1,316.98	1/4	1,675.86	1/4	2,031.21	1/4	2,390.30	1/4	2,749.39	1/4	3,108.40	1/4	3,466.76
1/2	256.16	1/2	609.92	1/2	966.20	1/2	1,324.47	1/2	1,683.17	1/2	2,038.69	1/2	2,397.78	1/2	2,756.88	1/2	3,115.87	1/2	3,474.22
3/4	263.63	3/4	617.08	3/4	973.65	3/4	1,331.95	3/4	1,690.49	3/4	2,046.17	3/4	2,405.26	3/4	2,764.36	3/4	3,123.33	3/4	3,481.69
9	271.11	9	624.24	9	981.10	9	1,339.43	9	1,697.80	9	2,053.65	9	2,412.75	9	2,771.84	9	3,130.80	9	3,489.15
1/4	278.58	1/4	631.43	1/4	988.55	1/4	1,346.91	1/4	1,705.12	1/4	2,061.13	1/4	2,420.23	1/4	2,779.32	1/4	3,138.27	1/4	3,496.62
1/2	286.06	1/2	638.61	1/2	996.01	1/2	1,354.39	1/2	1,712.43	1/2	2,068.61	1/2	2,427.71	1/2	2,786.80	1/2	3,145.73	1/2	3,504.08
3/4	293.53	3/4	645.79	3/4	1,003.46	3/4	1,361.87	3/4	1,719.75	3/4	2,076.10	3/4	2,435.19	3/4	2,794.28	3/4	3,153.20	3/4	3,511.55
10	301.01	10	652.97	10	1,010.91	10	1,369.36	10	1,727.06	10	2,083.58	10	2,442.67	10	2,801.76	10	3,160.66	10	3,519.02
1/4	308.48	1/4	660.31	1/4	1,018.37	1/4	1,376.84	1/4	1,734.38	1/4	2,091.06	1/4	2,450.15	1/4	2,809.24	1/4	3,168.13	1/4	3,526.48
1/2	315.96	1/2	667.65	1/2	1,025.82	1/2	1,384.32	1/2	1,741.69	1/2	2,098.54	1/2	2,457.63	1/2	2,816.72	1/2	3,175.59	1/2	3,533.95
3/4	323.43	3/4	674.99	3/4	1,033.27	3/4	1,391.80	3/4	1,749.01	3/4	2,106.02	3/4	2,465.11	3/4	2,824.21	3/4	3,183.06	3/4	3,541.41
11	330.91	11	682.32	11	1,040.73	11	1,399.28	11	1,756.32	11	2,113.50	11	2,472.59	11	2,831.69	11	3,190.53	11	3,548.88
1/4	338.38	1/4	689.80	1/4	1,048.18	1/4	1,406.77	1/4	1,763.64	1/4	2,120.98	1/4	2,480.07	1/4	2,839.17	1/4	3,197.99	1/4	3,556.34
1/2	345.86	1/2	697.28	1/2	1,055.63	1/2	1,414.25	1/2	1,770.95	1/2	2,128.46	1/2	2,487.56	1/2	2,846.65	1/2	3,205.46	1/2	3,563.81
3/4	353.34	3/4	704.76	3/4	1,063.08	3/4	1,421.73	3/4	1,778.27	3/4	2,135.94	3/4	2,495.04	3/4	2,854.13	3/4	3,212.92	3/4	3,571.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH.
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "MPC 708"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	3,578.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,586.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,593.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,601.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,608.60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,616.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,623.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,630.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,638.45	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,645.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,653.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,660.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,668.16	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,675.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,683.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,690.45	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,697.87	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,705.30	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,712.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,720.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,727.59	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,735.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,742.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,749.87	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,757.30	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,764.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,772.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,779.44	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,786.82	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,793.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,800.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,807.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,814.67	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,820.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,827.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,833.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,839.51	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,844.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,850.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,855.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,861.37	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,866.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,870.80	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,875.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,880.23	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	3,884.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,888.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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



BARGE "MPC 708"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	18.09	0	359.47	0	709.01	0	1,055.29	0	1,402.08	0	1,756.30	0	2,111.84	0	2,468.88	0	2,825.93	0	3,182.65
1/4	22.98	1/4	366.93	1/4	716.45	1/4	1,062.34	1/4	1,409.51	1/4	1,763.58	1/4	2,119.28	1/4	2,476.32	1/4	2,833.37	1/4	3,190.07
1/2	27.87	1/2	374.38	1/2	723.90	1/2	1,069.40	1/2	1,416.94	1/2	1,770.86	1/2	2,126.72	1/2	2,483.76	1/2	2,840.80	1/2	3,197.50
3/4	32.76	3/4	381.83	3/4	731.34	3/4	1,076.46	3/4	1,424.38	3/4	1,778.14	3/4	2,134.16	3/4	2,491.20	3/4	2,848.24	3/4	3,204.92
1	37.66	1	389.29	1	738.78	1	1,083.52	1	1,431.81	1	1,785.42	1	2,141.59	1	2,498.64	1	2,855.68	1	3,212.34
1/4	44.27	1/4	396.74	1/4	746.22	1/4	1,090.58	1/4	1,439.24	1/4	1,792.72	1/4	2,149.03	1/4	2,506.08	1/4	2,863.12	1/4	3,219.77
1/2	50.88	1/2	404.19	1/2	753.66	1/2	1,097.64	1/2	1,446.67	1/2	1,800.02	1/2	2,156.47	1/2	2,513.51	1/2	2,870.56	1/2	3,227.19
3/4	57.50	3/4	411.64	3/4	761.11	3/4	1,104.70	3/4	1,454.11	3/4	1,807.31	3/4	2,163.91	3/4	2,520.95	3/4	2,878.00	3/4	3,234.61
2	64.11	2	419.09	2	768.55	2	1,111.77	2	1,461.54	2	1,814.61	2	2,171.35	2	2,528.39	2	2,885.43	2	3,242.04
1/4	71.36	1/4	426.54	1/4	775.99	1/4	1,118.83	1/4	1,468.97	1/4	1,822.04	1/4	2,178.79	1/4	2,535.83	1/4	2,892.87	1/4	3,249.46
1/2	78.60	1/2	433.98	1/2	783.43	1/2	1,125.89	1/2	1,476.40	1/2	1,829.47	1/2	2,186.22	1/2	2,543.27	1/2	2,900.31	1/2	3,256.88
3/4	85.85	3/4	441.42	3/4	790.87	3/4	1,132.95	3/4	1,483.83	3/4	1,836.90	3/4	2,193.66	3/4	2,550.71	3/4	2,907.75	3/4	3,264.30
3	93.09	3	448.86	3	798.32	3	1,140.02	3	1,491.27	3	1,844.33	3	2,201.10	3	2,558.14	3	2,915.19	3	3,271.73
1/4	100.24	1/4	456.28	1/4	805.76	1/4	1,147.08	1/4	1,498.70	1/4	1,851.76	1/4	2,208.54	1/4	2,565.58	1/4	2,922.63	1/4	3,279.15
1/2	107.39	1/2	463.71	1/2	813.20	1/2	1,154.15	1/2	1,506.13	1/2	1,859.20	1/2	2,215.98	1/2	2,573.02	1/2	2,930.06	1/2	3,286.57
3/4	114.54	3/4	471.13	3/4	820.64	3/4	1,161.22	3/4	1,513.56	3/4	1,866.63	3/4	2,223.42	3/4	2,580.46	3/4	2,937.50	3/4	3,294.00
4	121.69	4	478.55	4	828.08	4	1,168.29	4	1,521.00	4	1,874.06	4	2,230.86	4	2,587.90	4	2,944.94	4	3,301.42
1/4	129.01	1/4	485.81	1/4	835.48	1/4	1,175.36	1/4	1,528.43	1/4	1,881.49	1/4	2,238.29	1/4	2,595.34	1/4	2,952.38	1/4	3,308.84
1/2	136.32	1/2	493.08	1/2	842.87	1/2	1,182.43	1/2	1,535.86	1/2	1,888.92	1/2	2,245.73	1/2	2,602.78	1/2	2,959.82	1/2	3,316.27
3/4	143.63	3/4	500.34	3/4	850.27	3/4	1,189.50	3/4	1,543.29	3/4	1,896.35	3/4	2,253.17	3/4	2,610.21	3/4	2,967.26	3/4	3,323.69
5	150.94	5	507.60	5	857.66	5	1,196.57	5	1,550.72	5	1,903.78	5	2,260.61	5	2,617.65	5	2,974.70	5	3,331.11
1/4	158.39	1/4	514.72	1/4	864.72	1/4	1,203.66	1/4	1,558.16	1/4	1,911.21	1/4	2,268.05	1/4	2,625.09	1/4	2,982.13	1/4	3,338.53
1/2	165.84	1/2	521.84	1/2	871.78	1/2	1,210.74	1/2	1,565.59	1/2	1,918.64	1/2	2,275.49	1/2	2,632.53	1/2	2,989.57	1/2	3,345.96
3/4	173.28	3/4	528.97	3/4	878.83	3/4	1,217.83	3/4	1,573.02	3/4	1,926.07	3/4	2,282.92	3/4	2,639.97	3/4	2,997.01	3/4	3,353.38
6	180.73	6	536.09	6	885.89	6	1,224.92	6	1,580.45	6	1,933.50	6	2,290.36	6	2,647.41	6	3,004.45	6	3,360.80
1/4	188.18	1/4	543.21	1/4	892.95	1/4	1,232.05	1/4	1,587.89	1/4	1,940.93	1/4	2,297.80	1/4	2,654.84	1/4	3,011.88	1/4	3,368.23
1/2	195.62	1/2	550.33	1/2	900.01	1/2	1,239.18	1/2	1,595.32	1/2	1,948.36	1/2	2,305.24	1/2	2,662.28	1/2	3,019.32	1/2	3,375.65
3/4	203.07	3/4	557.45	3/4	907.07	3/4	1,246.31	3/4	1,602.75	3/4	1,955.79	3/4	2,312.68	3/4	2,669.72	3/4	3,026.76	3/4	3,383.07
7	210.52	7	564.57	7	914.12	7	1,253.44	7	1,610.18	7	1,963.22	7	2,320.12	7	2,677.16	7	3,034.19	7	3,390.50
1/4	217.96	1/4	571.69	1/4	921.18	1/4	1,260.87	1/4	1,617.60	1/4	1,970.65	1/4	2,327.55	1/4	2,684.60	1/4	3,041.61	1/4	3,397.92
1/2	225.41	1/2	578.81	1/2	928.24	1/2	1,268.30	1/2	1,625.01	1/2	1,978.09	1/2	2,334.99	1/2	2,692.04	1/2	3,049.04	1/2	3,405.34
3/4	232.86	3/4	585.93	3/4	935.30	3/4	1,275.73	3/4	1,632.42	3/4	1,985.52	3/4	2,342.43	3/4	2,699.47	3/4	3,056.46	3/4	3,412.76
8	240.30	8	593.05	8	942.36	8	1,283.17	8	1,639.83	8	1,992.95	8	2,349.87	8	2,706.91	8	3,063.88	8	3,420.19
1/4	247.75	1/4	600.17	1/4	949.41	1/4	1,290.60	1/4	1,647.11	1/4	2,000.38	1/4	2,357.31	1/4	2,714.35	1/4	3,071.31	1/4	3,427.61
1/2	255.20	1/2	607.29	1/2	956.47	1/2	1,298.03	1/2	1,654.39	1/2	2,007.81	1/2	2,364.75	1/2	2,721.79	1/2	3,078.73	1/2	3,435.03
3/4	262.65	3/4	614.41	3/4	963.53	3/4	1,305.46	3/4	1,661.67	3/4	2,015.24	3/4	2,372.18	3/4	2,729.23	3/4	3,086.15	3/4	3,442.46
9	270.09	9	621.53	9	970.59	9	1,312.89	9	1,668.95	9	2,022.67	9	2,379.62	9	2,736.67	9	3,093.58	9	3,449.88
1/4	277.54	1/4	628.66	1/4	977.65	1/4	1,320.33	1/4	1,676.23	1/4	2,030.10	1/4	2,387.06	1/4	2,744.10	1/4	3,101.00	1/4	3,457.30
1/2	284.99	1/2	635.80	1/2	984.70	1/2	1,327.76	1/2	1,683.51	1/2	2,037.53	1/2	2,394.50	1/2	2,751.54	1/2	3,108.42	1/2	3,464.73
3/4	292.43	3/4	642.94	3/4	991.76	3/4	1,335.19	3/4	1,690.79	3/4	2,044.96	3/4	2,401.94	3/4	2,758.98	3/4	3,115.84	3/4	3,472.15
10	299.88	10	650.08	10	998.82	10	1,342.62	10	1,698.07	10	2,052.39	10	2,409.38	10	2,766.42	10	3,123.27	10	3,479.57
1/4	307.33	1/4	657.38	1/4	1,005.88	1/4	1,350.05	1/4	1,705.35	1/4	2,059.82	1/4	2,416.82	1/4	2,773.86	1/4	3,130.69	1/4	3,486.99
1/2	314.77	1/2	664.67	1/2	1,012.94	1/2	1,357.49	1/2	1,712.63	1/2	2,067.25	1/2	2,424.25	1/2	2,781.30	1/2	3,138.11	1/2	3,494.42
3/4	322.22	3/4	671.97	3/4	1,020.00	3/4	1,364.92	3/4	1,719.91	3/4	2,074.68	3/4	2,431.69	3/4	2,788.74	3/4	3,145.54	3/4	3,501.84
11	329.67	11	679.27	11	1,027.05	11	1,372.35	11	1,727.18	11	2,082.11	11	2,439.13	11	2,796.17	11	3,152.96	11	3,509.26
1/4	337.12	1/4	686.70	1/4	1,034.11	1/4	1,379.78	1/4	1,734.46	1/4	2,089.55	1/4	2,446.57	1/4	2,803.61	1/4	3,160.38	1/4	3,516.69
1/2	344.57	1/2	694.14	1/2	1,041.17	1/2	1,387.22	1/2	1,741.74	1/2	2,096.98	1/2	2,454.01	1/2	2,811.05	1/2	3,167.81	1/2	3,524.11
3/4	352.02	3/4	701.57	3/4	1,048.23	3/4	1,394.65	3/4	1,749.02	3/4	2,104.41	3/4	2,461.45	3/4	2,818.49	3/4	3,175.23	3/4	3,531.53

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH.

GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 50'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "MPC 708"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	3,538.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,546.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,553.80	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,561.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,568.65	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,576.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,583.48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,590.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,598.32	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,605.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,613.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,620.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,627.86	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,635.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,642.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,650.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,657.40	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,664.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,672.17	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,679.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,686.94	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,694.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,701.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,709.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,716.49	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,723.82	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,731.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,738.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,745.84	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,752.76	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,759.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,766.60	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,773.52	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,779.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,785.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,792.04	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,798.21	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,803.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,809.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,814.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,819.93	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,824.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,829.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,834.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,838.71	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	3,842.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,846.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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



BARGE "MPC 708"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	18.07	0	359.15	0	708.92	0	1,065.56	0	1,422.59	0	1,777.28	0	2,133.00	0	2,490.16	0	2,847.52	0	3,204.55
1/4	22.96	1/4	366.60	1/4	716.36	1/4	1,072.98	1/4	1,430.03	1/4	1,784.56	1/4	2,140.42	1/4	2,497.61	1/4	2,854.96	1/4	3,211.98
1/2	27.85	1/2	374.05	1/2	723.81	1/2	1,080.40	1/2	1,437.48	1/2	1,791.84	1/2	2,147.84	1/2	2,505.05	1/2	2,862.41	1/2	3,219.41
3/4	32.74	3/4	381.49	3/4	731.26	3/4	1,087.82	3/4	1,444.93	3/4	1,799.12	3/4	2,155.26	3/4	2,512.50	3/4	2,869.85	3/4	3,226.84
1	37.62	1	388.94	1	738.70	1	1,095.24	1	1,452.38	1	1,806.40	1	2,162.68	1	2,519.94	1	2,877.30	1	3,234.27
1/4	44.23	1/4	396.39	1/4	746.15	1/4	1,102.66	1/4	1,459.82	1/4	1,813.70	1/4	2,170.10	1/4	2,527.39	1/4	2,884.74	1/4	3,241.70
1/2	50.84	1/2	403.83	1/2	753.60	1/2	1,110.08	1/2	1,467.27	1/2	1,821.00	1/2	2,177.52	1/2	2,534.83	1/2	2,892.19	1/2	3,249.13
3/4	57.45	3/4	411.28	3/4	761.05	3/4	1,117.51	3/4	1,474.72	3/4	1,828.30	3/4	2,184.94	3/4	2,542.28	3/4	2,899.63	3/4	3,256.56
2	64.05	2	418.73	2	768.49	2	1,124.93	2	1,482.16	2	1,835.60	2	2,192.37	2	2,549.72	2	2,907.08	2	3,263.99
1/4	71.29	1/4	426.17	1/4	775.94	1/4	1,132.35	1/4	1,489.61	1/4	1,843.05	1/4	2,199.81	1/4	2,557.17	1/4	2,914.52	1/4	3,271.42
1/2	78.53	1/2	433.62	1/2	783.39	1/2	1,139.78	1/2	1,497.06	1/2	1,850.49	1/2	2,207.26	1/2	2,564.61	1/2	2,921.97	1/2	3,278.85
3/4	85.77	3/4	441.07	3/4	790.83	3/4	1,147.20	3/4	1,504.51	3/4	1,857.94	3/4	2,214.70	3/4	2,572.06	3/4	2,929.41	3/4	3,286.28
3	93.01	3	448.52	3	798.28	3	1,154.62	3	1,511.95	3	1,865.39	3	2,222.15	3	2,579.50	3	2,936.86	3	3,293.71
1/4	100.15	1/4	455.94	1/4	805.73	1/4	1,162.05	1/4	1,519.40	1/4	1,872.83	1/4	2,229.59	1/4	2,586.95	1/4	2,944.30	1/4	3,301.14
1/2	107.30	1/2	463.37	1/2	813.17	1/2	1,169.48	1/2	1,526.85	1/2	1,880.28	1/2	2,237.03	1/2	2,594.39	1/2	2,951.75	1/2	3,308.57
3/4	114.44	3/4	470.80	3/4	820.62	3/4	1,176.91	3/4	1,534.30	3/4	1,887.72	3/4	2,244.48	3/4	2,601.83	3/4	2,959.19	3/4	3,316.00
4	121.59	4	478.22	4	828.07	4	1,184.34	4	1,541.74	4	1,895.17	4	2,251.92	4	2,609.28	4	2,966.64	4	3,323.43
1/4	128.89	1/4	485.49	1/4	835.51	1/4	1,191.77	1/4	1,549.19	1/4	1,902.61	1/4	2,259.37	1/4	2,616.72	1/4	2,974.08	1/4	3,330.85
1/2	136.20	1/2	493.76	1/2	842.96	1/2	1,199.20	1/2	1,556.64	1/2	1,910.06	1/2	2,266.81	1/2	2,624.17	1/2	2,981.52	1/2	3,338.28
3/4	143.50	3/4	500.03	3/4	850.40	3/4	1,206.63	3/4	1,564.09	3/4	1,917.51	3/4	2,274.26	3/4	2,631.61	3/4	2,988.97	3/4	3,345.71
5	150.81	5	507.29	5	857.84	5	1,214.06	5	1,571.53	5	1,924.95	5	2,281.70	5	2,639.06	5	2,996.41	5	3,353.14
1/4	158.25	1/4	514.42	1/4	865.26	1/4	1,221.51	1/4	1,578.98	1/4	1,932.40	1/4	2,289.15	1/4	2,646.50	1/4	3,003.86	1/4	3,360.57
1/2	165.69	1/2	521.55	1/2	872.68	1/2	1,228.95	1/2	1,586.43	1/2	1,939.84	1/2	2,296.59	1/2	2,653.95	1/2	3,011.30	1/2	3,368.00
3/4	173.13	3/4	528.68	3/4	880.10	3/4	1,236.40	3/4	1,593.88	3/4	1,947.29	3/4	2,304.04	3/4	2,661.39	3/4	3,018.75	3/4	3,375.43
6	180.57	6	535.80	6	887.52	6	1,243.85	6	1,601.32	6	1,954.73	6	2,311.48	6	2,668.84	6	3,026.19	6	3,382.86
1/4	188.01	1/4	542.93	1/4	894.94	1/4	1,251.30	1/4	1,608.77	1/4	1,962.18	1/4	2,318.93	1/4	2,676.28	1/4	3,033.64	1/4	3,390.29
1/2	195.45	1/2	550.06	1/2	902.36	1/2	1,258.74	1/2	1,616.22	1/2	1,969.63	1/2	2,326.37	1/2	2,683.73	1/2	3,041.08	1/2	3,397.72
3/4	202.89	3/4	557.19	3/4	909.77	3/4	1,266.19	3/4	1,623.67	3/4	1,977.07	3/4	2,333.82	3/4	2,691.17	3/4	3,048.52	3/4	3,405.15
7	210.33	7	564.31	7	917.19	7	1,273.64	7	1,631.11	7	1,984.52	7	2,341.26	7	2,698.62	7	3,055.96	7	3,412.58
1/4	217.77	1/4	571.44	1/4	924.61	1/4	1,281.08	1/4	1,638.54	1/4	1,991.96	1/4	2,348.71	1/4	2,706.06	1/4	3,063.39	1/4	3,420.01
1/2	225.21	1/2	578.57	1/2	932.03	1/2	1,288.53	1/2	1,645.96	1/2	1,999.40	1/2	2,356.15	1/2	2,713.51	1/2	3,070.82	1/2	3,427.44
3/4	232.65	3/4	585.70	3/4	939.45	3/4	1,295.98	3/4	1,653.39	3/4	2,006.84	3/4	2,363.60	3/4	2,720.95	3/4	3,078.25	3/4	3,434.87
8	240.09	8	592.82	8	946.87	8	1,303.43	8	1,660.82	8	2,014.29	8	2,371.04	8	2,728.40	8	3,085.68	8	3,442.30
1/4	247.53	1/4	599.95	1/4	954.29	1/4	1,310.87	1/4	1,668.09	1/4	2,021.71	1/4	2,378.49	1/4	2,735.84	1/4	3,093.11	1/4	3,449.73
1/2	254.97	1/2	607.08	1/2	961.70	1/2	1,318.32	1/2	1,675.37	1/2	2,029.13	1/2	2,385.93	1/2	2,743.29	1/2	3,100.54	1/2	3,457.16
3/4	262.41	3/4	614.21	3/4	969.12	3/4	1,325.77	3/4	1,682.65	3/4	2,036.55	3/4	2,393.38	3/4	2,750.73	3/4	3,107.97	3/4	3,464.59
9	269.85	9	621.34	9	976.54	9	1,333.22	9	1,689.93	9	2,043.96	9	2,400.82	9	2,758.18	9	3,115.40	9	3,472.02
1/4	277.29	1/4	628.48	1/4	983.96	1/4	1,340.66	1/4	1,697.21	1/4	2,051.38	1/4	2,408.27	1/4	2,765.62	1/4	3,122.83	1/4	3,479.44
1/2	284.73	1/2	635.63	1/2	991.38	1/2	1,348.11	1/2	1,704.49	1/2	2,058.80	1/2	2,415.71	1/2	2,773.07	1/2	3,130.26	1/2	3,486.87
3/4	292.17	3/4	642.78	3/4	998.80	3/4	1,355.56	3/4	1,711.77	3/4	2,066.22	3/4	2,423.16	3/4	2,780.51	3/4	3,137.69	3/4	3,494.30
10	299.61	10	649.92	10	1,006.22	10	1,363.01	10	1,719.05	10	2,073.64	10	2,430.60	10	2,787.96	10	3,145.12	10	3,501.73
1/4	307.05	1/4	657.23	1/4	1,013.63	1/4	1,370.45	1/4	1,726.33	1/4	2,081.06	1/4	2,438.05	1/4	2,795.40	1/4	3,152.55	1/4	3,509.16
1/2	314.49	1/2	664.53	1/2	1,021.05	1/2	1,377.90	1/2	1,733.61	1/2	2,088.48	1/2	2,445.49	1/2	2,802.85	1/2	3,159.98	1/2	3,516.59
3/4	321.93	3/4	671.84	3/4	1,028.47	3/4	1,385.35	3/4	1,740.89	3/4	2,095.90	3/4	2,452.94	3/4	2,810.29	3/4	3,167.41	3/4	3,524.02
11	329.37	11	679.14	11	1,035.89	11	1,392.80	11	1,748.17	11	2,103.32	11	2,460.38	11	2,817.74	11	3,174.84	11	3,531.45
1/4	336.82	1/4	686.58	1/4	1,043.31	1/4	1,400.24	1/4	1,755.45	1/4	2,110.74	1/4	2,467.83	1/4	2,825.18	1/4	3,182.26	1/4	3,538.88
1/2	344.26	1/2	694.03	1/2	1,050.73	1/2	1,407.69	1/2	1,762.73	1/2	2,118.16	1/2	2,475.27	1/2	2,832.63	1/2	3,189.69	1/2	3,546.31
3/4	351.71	3/4	701.47	3/4	1,058.15	3/4	1,415.14	3/4	1,770.00	3/4	2,125.58	3/4	2,482.72	3/4	2,840.07	3/4	3,197.12	3/4	3,553.74

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH 8" ULLAGE HATCH.

GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 50'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "MPC 708"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 1/4"

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	3,561.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,568.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,576.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,583.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,590.89	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,598.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,605.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,613.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,620.59	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	3,627.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,635.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,642.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,650.15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	3,657.55	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,664.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,672.33	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,679.72	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	3,687.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,694.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,701.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,709.29	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	3,716.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,724.07	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,731.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,738.86	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	3,746.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,753.54	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,760.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,768.23	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	3,775.16	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,782.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,789.01	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,795.93	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	3,802.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,808.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,814.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,820.66	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	3,826.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,831.54	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,836.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,842.41	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	3,847.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,851.80	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,856.49	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,861.19	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	3,865.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,869.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

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ALL PRIOR TO 11/2015

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