



# BARGE "MPC 954"

## 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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
1 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 PORT	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 01-7/8	01-7/8
2 STBD	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 02-0/8	02-0/8

(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 1 PORT IS - 00-3/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 132'-09"

July 16, 2014

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



# BARGE "MPC 954"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

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	15.19	0	276.94	0	548.02	0	818.64	0	1,089.61	0	1,360.70	0	1,631.79	0	1,902.88	0	2,173.96	0	2,445.02
1/4	19.07	1/4	282.59	1/4	553.67	1/4	824.27	1/4	1,095.26	1/4	1,366.35	1/4	1,637.44	1/4	1,908.53	1/4	2,179.61	1/4	2,450.67
1/2	22.95	1/2	288.24	1/2	559.32	1/2	829.91	1/2	1,100.91	1/2	1,372.00	1/2	1,643.09	1/2	1,914.18	1/2	2,185.25	1/2	2,456.32
3/4	26.84	3/4	293.88	3/4	564.96	3/4	835.54	3/4	1,106.56	3/4	1,377.64	3/4	1,648.73	3/4	1,919.82	3/4	2,190.90	3/4	2,461.96
1	30.72	1	299.53	1	570.61	1	841.18	1	1,112.20	1	1,383.29	1	1,654.38	1	1,925.47	1	2,196.55	1	2,467.61
1/4	35.83	1/4	305.18	1/4	576.26	1/4	846.81	1/4	1,117.85	1/4	1,388.94	1/4	1,660.03	1/4	1,931.12	1/4	2,202.20	1/4	2,473.26
1/2	40.94	1/2	310.83	1/2	581.91	1/2	852.45	1/2	1,123.50	1/2	1,394.59	1/2	1,665.68	1/2	1,936.77	1/2	2,207.84	1/2	2,478.90
3/4	46.05	3/4	316.47	3/4	587.55	3/4	858.09	3/4	1,129.15	3/4	1,400.24	3/4	1,671.33	3/4	1,942.41	3/4	2,213.49	3/4	2,484.55
2	51.16	2	322.12	2	593.20	2	863.73	2	1,134.79	2	1,405.88	2	1,676.97	2	1,948.06	2	2,219.14	2	2,490.20
1/4	56.79	1/4	327.77	1/4	598.85	1/4	869.37	1/4	1,140.44	1/4	1,411.53	1/4	1,682.62	1/4	1,953.71	1/4	2,224.78	1/4	2,495.85
1/2	62.41	1/2	333.42	1/2	604.50	1/2	875.01	1/2	1,146.09	1/2	1,417.18	1/2	1,688.27	1/2	1,959.36	1/2	2,230.43	1/2	2,501.49
3/4	68.04	3/4	339.06	3/4	610.14	3/4	880.65	3/4	1,151.74	3/4	1,422.83	3/4	1,693.92	3/4	1,965.01	3/4	2,236.08	3/4	2,507.14
3	73.66	3	344.71	3	615.79	3	886.29	3	1,157.38	3	1,428.47	3	1,699.56	3	1,970.65	3	2,241.73	3	2,512.79
1/4	79.30	1/4	350.36	1/4	621.44	1/4	891.94	1/4	1,163.03	1/4	1,434.12	1/4	1,705.21	1/4	1,976.30	1/4	2,247.37	1/4	2,518.43
1/2	84.94	1/2	356.01	1/2	627.09	1/2	897.59	1/2	1,168.68	1/2	1,439.77	1/2	1,710.86	1/2	1,981.95	1/2	2,253.02	1/2	2,524.08
3/4	90.58	3/4	361.65	3/4	632.73	3/4	903.24	3/4	1,174.33	3/4	1,445.42	3/4	1,716.51	3/4	1,987.60	3/4	2,258.67	3/4	2,529.73
4	96.22	4	367.30	4	638.38	4	908.89	4	1,179.98	4	1,451.06	4	1,722.15	4	1,993.24	4	2,264.31	4	2,535.38
1/4	101.87	1/4	372.95	1/4	644.02	1/4	914.53	1/4	1,185.62	1/4	1,456.71	1/4	1,727.80	1/4	1,998.89	1/4	2,269.96	1/4	2,541.02
1/2	107.52	1/2	378.60	1/2	649.67	1/2	920.18	1/2	1,191.27	1/2	1,462.36	1/2	1,733.45	1/2	2,004.54	1/2	2,275.61	1/2	2,546.67
3/4	113.16	3/4	384.24	3/4	655.31	3/4	925.83	3/4	1,196.92	3/4	1,468.01	3/4	1,739.10	3/4	2,010.19	3/4	2,281.26	3/4	2,552.32
5	118.81	5	389.89	5	660.95	5	931.48	5	1,202.57	5	1,473.66	5	1,744.75	5	2,015.83	5	2,286.90	5	2,557.96
1/4	124.46	1/4	395.54	1/4	666.59	1/4	937.12	1/4	1,208.21	1/4	1,479.30	1/4	1,750.39	1/4	2,021.48	1/4	2,292.55	1/4	2,563.61
1/2	130.11	1/2	401.19	1/2	672.22	1/2	942.77	1/2	1,213.86	1/2	1,484.95	1/2	1,756.04	1/2	2,027.13	1/2	2,298.20	1/2	2,569.26
3/4	135.75	3/4	406.83	3/4	677.85	3/4	948.42	3/4	1,219.51	3/4	1,490.60	3/4	1,761.69	3/4	2,032.78	3/4	2,303.84	3/4	2,574.90
6	141.40	6	412.48	6	683.48	6	954.07	6	1,225.16	6	1,496.25	6	1,767.34	6	2,038.43	6	2,309.49	6	2,580.55
1/4	147.05	1/4	418.13	1/4	689.11	1/4	959.71	1/4	1,230.80	1/4	1,501.89	1/4	1,772.98	1/4	2,044.07	1/4	2,315.14	1/4	2,586.20
1/2	152.70	1/2	423.78	1/2	694.74	1/2	965.36	1/2	1,236.45	1/2	1,507.54	1/2	1,778.63	1/2	2,049.72	1/2	2,320.78	1/2	2,591.84
3/4	158.34	3/4	429.42	3/4	700.38	3/4	971.01	3/4	1,242.10	3/4	1,513.19	3/4	1,784.28	3/4	2,055.37	3/4	2,326.43	3/4	2,597.49
7	163.99	7	435.07	7	706.01	7	976.66	7	1,247.75	7	1,518.84	7	1,789.93	7	2,061.02	7	2,332.08	7	2,603.14
1/4	169.64	1/4	440.72	1/4	711.64	1/4	982.31	1/4	1,253.40	1/4	1,524.48	1/4	1,795.57	1/4	2,066.66	1/4	2,337.73	1/4	2,608.78
1/2	175.29	1/2	446.37	1/2	717.27	1/2	987.95	1/2	1,259.04	1/2	1,530.13	1/2	1,801.22	1/2	2,072.31	1/2	2,343.37	1/2	2,614.43
3/4	180.93	3/4	452.01	3/4	722.90	3/4	993.60	3/4	1,264.69	3/4	1,535.78	3/4	1,806.87	3/4	2,077.96	3/4	2,349.02	3/4	2,620.08
8	186.58	8	457.66	8	728.53	8	999.25	8	1,270.34	8	1,541.43	8	1,812.52	8	2,083.61	8	2,354.67	8	2,625.72
1/4	192.23	1/4	463.31	1/4	734.17	1/4	1,004.90	1/4	1,275.99	1/4	1,547.08	1/4	1,818.17	1/4	2,089.25	1/4	2,360.31	1/4	2,631.37
1/2	197.88	1/2	468.96	1/2	739.80	1/2	1,010.54	1/2	1,281.63	1/2	1,552.72	1/2	1,823.81	1/2	2,094.90	1/2	2,365.96	1/2	2,637.02
3/4	203.52	3/4	474.60	3/4	745.43	3/4	1,016.19	3/4	1,287.28	3/4	1,558.37	3/4	1,829.46	3/4	2,100.55	3/4	2,371.61	3/4	2,642.66
9	209.17	9	480.25	9	751.06	9	1,021.84	9	1,292.93	9	1,564.02	9	1,835.11	9	2,106.20	9	2,377.26	9	2,648.31
1/4	214.82	1/4	485.90	1/4	756.69	1/4	1,027.49	1/4	1,298.58	1/4	1,569.67	1/4	1,840.76	1/4	2,111.84	1/4	2,382.90	1/4	2,653.96
1/2	220.47	1/2	491.55	1/2	762.32	1/2	1,033.13	1/2	1,304.22	1/2	1,575.31	1/2	1,846.40	1/2	2,117.49	1/2	2,388.55	1/2	2,659.60
3/4	226.11	3/4	497.19	3/4	767.96	3/4	1,038.78	3/4	1,309.87	3/4	1,580.96	3/4	1,852.05	3/4	2,123.14	3/4	2,394.20	3/4	2,665.25
10	231.76	10	502.84	10	773.59	10	1,044.43	10	1,315.52	10	1,586.61	10	1,857.70	10	2,128.78	10	2,399.84	10	2,670.90
1/4	237.41	1/4	508.49	1/4	779.22	1/4	1,050.08	1/4	1,321.17	1/4	1,592.26	1/4	1,863.35	1/4	2,134.43	1/4	2,405.49	1/4	2,676.54
1/2	243.06	1/2	514.14	1/2	784.85	1/2	1,055.73	1/2	1,326.82	1/2	1,597.90	1/2	1,868.99	1/2	2,140.08	1/2	2,411.14	1/2	2,682.19
3/4	248.70	3/4	519.78	3/4	790.48	3/4	1,061.37	3/4	1,332.46	3/4	1,603.55	3/4	1,874.64	3/4	2,145.72	3/4	2,416.79	3/4	2,687.84
11	254.35	11	525.43	11	796.11	11	1,067.02	11	1,338.11	11	1,609.20	11	1,880.29	11	2,151.37	11	2,422.43	11	2,693.48
1/4	260.00	1/4	531.08	1/4	801.75	1/4	1,072.67	1/4	1,343.76	1/4	1,614.85	1/4	1,885.94	1/4	2,157.02	1/4	2,428.08	1/4	2,699.13
1/2	265.65	1/2	536.73	1/2	807.38	1/2	1,078.32	1/2	1,349.41	1/2	1,620.50	1/2	1,891.59	1/2	2,162.67	1/2	2,433.73	1/2	2,704.78
3/4	271.29	3/4	542.37	3/4	813.01	3/4	1,083.96	3/4	1,355.05	3/4	1,626.14	3/4	1,897.23	3/4	2,168.31	3/4	2,439.37	3/4	2,710.42

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 EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "MPC 954"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

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	2,716.07	0	2,987.11	0	3,257.54	0	3,527.80	0	3,797.51	0		0		0		0		0	
1/4	2,721.72	1/4	2,992.75	1/4	3,263.17	1/4	3,533.43	1/4	3,802.50	1/4		1/4		1/4		1/4		1/4	
1/2	2,727.36	1/2	2,998.40	1/2	3,268.80	1/2	3,539.06	1/2	3,807.50	1/2		1/2		1/2		1/2		1/2	
3/4	2,733.01	3/4	3,004.05	3/4	3,274.43	3/4	3,544.69	3/4	3,812.50	3/4		3/4		3/4		3/4		3/4	
1	2,738.66	1	3,009.69	1	3,280.06	1	3,550.32	1	3,817.49	1		1		1		1		1	
1/4	2,744.30	1/4	3,015.34	1/4	3,285.69	1/4	3,555.95	1/4	3,821.60	1/4		1/4		1/4		1/4		1/4	
1/2	2,749.95	1/2	3,020.99	1/2	3,291.32	1/2	3,561.58	1/2	3,825.71	1/2		1/2		1/2		1/2		1/2	
3/4	2,755.60	3/4	3,026.63	3/4	3,296.95	3/4	3,567.21	3/4	3,829.82	3/4		3/4		3/4		3/4		3/4	
2	2,761.24	2	3,032.28	2	3,302.58	2	3,572.84	2	3,833.93	2		2		2		2		2	
1/4	2,766.89	1/4	3,037.92	1/4	3,308.21	1/4	3,578.47	1/4	3,837.23	1/4		1/4		1/4		1/4		1/4	
1/2	2,772.54	1/2	3,043.56	1/2	3,313.84	1/2	3,584.10	1/2	3,840.53	1/2		1/2		1/2		1/2		1/2	
3/4	2,778.18	3/4	3,049.21	3/4	3,319.48	3/4	3,589.73	3/4	3,843.83	3/4		3/4		3/4		3/4		3/4	
3	2,783.83	3	3,054.85	3	3,325.11	3	3,595.36	3	3,847.13	3		3		3		3		3	
1/4	2,789.47	1/4	3,060.48	1/4	3,330.74	1/4	3,600.99	1/4	3,849.62	1/4		1/4		1/4		1/4		1/4	
1/2	2,795.12	1/2	3,066.11	1/2	3,336.37	1/2	3,606.62	1/2	3,852.12	1/2		1/2		1/2		1/2		1/2	
3/4	2,800.77	3/4	3,071.74	3/4	3,342.00	3/4	3,612.25	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,806.41	4	3,077.37	4	3,347.63	4	3,617.88	4		4		4		4		4		4	
1/4	2,812.06	1/4	3,083.00	1/4	3,353.26	1/4	3,623.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,817.71	1/2	3,088.63	1/2	3,358.89	1/2	3,629.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,823.35	3/4	3,094.26	3/4	3,364.52	3/4	3,634.77	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,829.00	5	3,099.89	5	3,370.15	5	3,640.40	5		5		5		5		5		5	
1/4	2,834.65	1/4	3,105.52	1/4	3,375.78	1/4	3,646.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,840.29	1/2	3,111.15	1/2	3,381.41	1/2	3,651.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,845.94	3/4	3,116.78	3/4	3,387.04	3/4	3,657.29	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,851.59	6	3,122.41	6	3,392.67	6	3,662.92	6		6		6		6		6		6	
1/4	2,857.23	1/4	3,128.05	1/4	3,398.30	1/4	3,668.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,862.88	1/2	3,133.68	1/2	3,403.93	1/2	3,674.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,868.53	3/4	3,139.31	3/4	3,409.56	3/4	3,679.81	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,874.17	7	3,144.94	7	3,415.19	7	3,685.44	7		7		7		7		7		7	
1/4	2,879.82	1/4	3,150.57	1/4	3,420.82	1/4	3,691.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,885.47	1/2	3,156.20	1/2	3,426.45	1/2	3,696.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,891.11	3/4	3,161.83	3/4	3,432.08	3/4	3,702.34	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,896.76	8	3,167.46	8	3,437.71	8	3,707.97	8		8		8		8		8		8	
1/4	2,902.41	1/4	3,173.09	1/4	3,443.34	1/4	3,713.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,908.05	1/2	3,178.72	1/2	3,448.97	1/2	3,719.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,913.70	3/4	3,184.35	3/4	3,454.60	3/4	3,724.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,919.35	9	3,189.98	9	3,460.23	9	3,730.49	9		9		9		9		9		9	
1/4	2,924.99	1/4	3,195.61	1/4	3,465.86	1/4	3,736.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,930.64	1/2	3,201.24	1/2	3,471.49	1/2	3,741.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,936.29	3/4	3,206.87	3/4	3,477.12	3/4	3,747.37	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,941.93	10	3,212.50	10	3,482.75	10	3,753.00	10		10		10		10		10		10	
1/4	2,947.58	1/4	3,218.13	1/4	3,488.38	1/4	3,758.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,953.23	1/2	3,223.76	1/2	3,494.01	1/2	3,764.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,958.87	3/4	3,229.39	3/4	3,499.64	3/4	3,769.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,964.52	11	3,235.02	11	3,505.28	11	3,775.47	11		11		11		11		11		11	
1/4	2,970.17	1/4	3,240.65	1/4	3,510.91	1/4	3,780.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,975.81	1/2	3,246.28	1/2	3,516.54	1/2	3,786.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,981.46	3/4	3,251.91	3/4	3,522.17	3/4	3,792.00	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/16/2014 SW  
CALCULATED: 07/16/2014 CL  
PRINTED: 07/16/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

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



# BARGE "MPC 954"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

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	15.20	0	277.07	0	548.28	0	817.97	0	1,088.35	0	1,359.55	0	1,630.75	0	1,901.95	0	2,173.15	0	2,444.32
1/4	19.08	1/4	282.72	1/4	553.93	1/4	823.56	1/4	1,094.00	1/4	1,365.20	1/4	1,636.40	1/4	1,907.60	1/4	2,178.80	1/4	2,449.97
1/2	22.97	1/2	288.37	1/2	559.58	1/2	829.16	1/2	1,099.65	1/2	1,370.85	1/2	1,642.05	1/2	1,913.25	1/2	2,184.45	1/2	2,455.62
3/4	26.85	3/4	294.02	3/4	565.23	3/4	834.76	3/4	1,105.30	3/4	1,376.50	3/4	1,647.70	3/4	1,918.90	3/4	2,190.10	3/4	2,461.27
1	30.73	1	299.67	1	570.88	1	840.36	1	1,110.95	1	1,382.15	1	1,653.35	1	1,924.55	1	2,195.75	1	2,466.92
1/4	35.85	1/4	305.33	1/4	576.53	1/4	845.97	1/4	1,116.60	1/4	1,387.80	1/4	1,659.00	1/4	1,930.20	1/4	2,201.40	1/4	2,472.57
1/2	40.96	1/2	310.98	1/2	582.18	1/2	851.57	1/2	1,122.25	1/2	1,393.45	1/2	1,664.65	1/2	1,935.85	1/2	2,207.05	1/2	2,478.22
3/4	46.07	3/4	316.63	3/4	587.84	3/4	857.18	3/4	1,127.90	3/4	1,399.10	3/4	1,670.30	3/4	1,941.50	3/4	2,212.69	3/4	2,483.87
2	51.19	2	322.28	2	593.49	2	862.78	2	1,133.55	2	1,404.75	2	1,675.95	2	1,947.15	2	2,218.34	2	2,489.52
1/4	56.81	1/4	327.93	1/4	599.14	1/4	868.39	1/4	1,139.20	1/4	1,410.40	1/4	1,681.60	1/4	1,952.80	1/4	2,223.99	1/4	2,495.16
1/2	62.44	1/2	333.58	1/2	604.79	1/2	874.00	1/2	1,144.85	1/2	1,416.05	1/2	1,687.25	1/2	1,958.45	1/2	2,229.64	1/2	2,500.81
3/4	68.07	3/4	339.23	3/4	610.44	3/4	879.60	3/4	1,150.50	3/4	1,421.70	3/4	1,692.90	3/4	1,964.10	3/4	2,235.29	3/4	2,506.46
3	73.70	3	344.88	3	616.09	3	885.21	3	1,156.15	3	1,427.35	3	1,698.55	3	1,969.75	3	2,240.94	3	2,512.11
1/4	79.34	1/4	350.53	1/4	621.74	1/4	890.82	1/4	1,161.80	1/4	1,433.00	1/4	1,704.20	1/4	1,975.40	1/4	2,246.59	1/4	2,517.76
1/2	84.98	1/2	356.18	1/2	627.39	1/2	896.44	1/2	1,167.45	1/2	1,438.65	1/2	1,709.85	1/2	1,981.05	1/2	2,252.24	1/2	2,523.41
3/4	90.63	3/4	361.83	3/4	633.04	3/4	902.05	3/4	1,173.10	3/4	1,444.30	3/4	1,715.50	3/4	1,986.70	3/4	2,257.89	3/4	2,529.07
4	96.27	4	367.48	4	638.69	4	907.66	4	1,178.75	4	1,449.95	4	1,721.15	4	1,992.35	4	2,263.54	4	2,534.72
1/4	101.92	1/4	373.13	1/4	644.32	1/4	913.29	1/4	1,184.40	1/4	1,455.60	1/4	1,726.80	1/4	1,998.00	1/4	2,269.19	1/4	2,540.36
1/2	107.57	1/2	378.78	1/2	649.96	1/2	918.91	1/2	1,190.05	1/2	1,461.25	1/2	1,732.45	1/2	2,003.65	1/2	2,274.84	1/2	2,546.01
3/4	113.22	3/4	384.43	3/4	655.60	3/4	924.53	3/4	1,195.70	3/4	1,466.90	3/4	1,738.10	3/4	2,009.30	3/4	2,280.49	3/4	2,551.66
5	118.87	5	390.08	5	661.24	5	930.15	5	1,201.35	5	1,472.55	5	1,743.75	5	2,014.95	5	2,286.14	5	2,557.31
1/4	124.52	1/4	395.73	1/4	666.83	1/4	935.80	1/4	1,207.00	1/4	1,478.20	1/4	1,749.40	1/4	2,020.60	1/4	2,291.79	1/4	2,562.96
1/2	130.17	1/2	401.38	1/2	672.43	1/2	941.45	1/2	1,212.65	1/2	1,483.85	1/2	1,755.05	1/2	2,026.25	1/2	2,297.44	1/2	2,568.61
3/4	135.82	3/4	407.03	3/4	678.03	3/4	947.10	3/4	1,218.30	3/4	1,489.50	3/4	1,760.70	3/4	2,031.90	3/4	2,303.09	3/4	2,574.26
6	141.47	6	412.68	6	683.63	6	952.75	6	1,223.95	6	1,495.15	6	1,766.35	6	2,037.55	6	2,308.73	6	2,579.91
1/4	147.12	1/4	418.33	1/4	689.22	1/4	958.40	1/4	1,229.60	1/4	1,500.80	1/4	1,772.00	1/4	2,043.20	1/4	2,314.38	1/4	2,585.56
1/2	152.77	1/2	423.98	1/2	694.82	1/2	964.05	1/2	1,235.25	1/2	1,506.45	1/2	1,777.65	1/2	2,048.85	1/2	2,320.03	1/2	2,591.20
3/4	158.42	3/4	429.63	3/4	700.42	3/4	969.70	3/4	1,240.90	3/4	1,512.10	3/4	1,783.30	3/4	2,054.50	3/4	2,325.68	3/4	2,596.85
7	164.07	7	435.28	7	706.02	7	975.35	7	1,246.55	7	1,517.75	7	1,788.95	7	2,060.15	7	2,331.33	7	2,602.50
1/4	169.72	1/4	440.93	1/4	711.61	1/4	981.00	1/4	1,252.20	1/4	1,523.40	1/4	1,794.60	1/4	2,065.81	1/4	2,336.98	1/4	2,608.15
1/2	175.37	1/2	446.58	1/2	717.21	1/2	986.65	1/2	1,257.85	1/2	1,529.05	1/2	1,800.25	1/2	2,071.46	1/2	2,342.63	1/2	2,613.80
3/4	181.02	3/4	452.23	3/4	722.81	3/4	992.30	3/4	1,263.50	3/4	1,534.70	3/4	1,805.90	3/4	2,077.11	3/4	2,348.28	3/4	2,619.45
8	186.67	8	457.88	8	728.41	8	997.95	8	1,269.15	8	1,540.35	8	1,811.55	8	2,082.76	8	2,353.93	8	2,625.10
1/4	192.32	1/4	463.53	1/4	734.00	1/4	1,003.60	1/4	1,274.80	1/4	1,546.00	1/4	1,817.20	1/4	2,088.41	1/4	2,359.58	1/4	2,630.75
1/2	197.97	1/2	469.18	1/2	739.60	1/2	1,009.25	1/2	1,280.45	1/2	1,551.65	1/2	1,822.85	1/2	2,094.06	1/2	2,365.23	1/2	2,636.40
3/4	203.62	3/4	474.83	3/4	745.20	3/4	1,014.90	3/4	1,286.10	3/4	1,557.30	3/4	1,828.50	3/4	2,099.71	3/4	2,370.88	3/4	2,642.04
9	209.27	9	480.48	9	750.80	9	1,020.55	9	1,291.75	9	1,562.95	9	1,834.15	9	2,105.36	9	2,376.53	9	2,647.69
1/4	214.92	1/4	486.13	1/4	756.39	1/4	1,026.20	1/4	1,297.40	1/4	1,568.60	1/4	1,839.80	1/4	2,111.01	1/4	2,382.18	1/4	2,653.34
1/2	220.57	1/2	491.78	1/2	761.99	1/2	1,031.85	1/2	1,303.05	1/2	1,574.25	1/2	1,845.45	1/2	2,116.65	1/2	2,387.83	1/2	2,658.99
3/4	226.22	3/4	497.43	3/4	767.59	3/4	1,037.50	3/4	1,308.70	3/4	1,579.90	3/4	1,851.10	3/4	2,122.30	3/4	2,393.48	3/4	2,664.64
10	231.87	10	503.08	10	773.19	10	1,043.15	10	1,314.35	10	1,585.55	10	1,856.75	10	2,127.95	10	2,399.12	10	2,670.29
1/4	237.52	1/4	508.73	1/4	778.78	1/4	1,048.80	1/4	1,320.00	1/4	1,591.20	1/4	1,862.40	1/4	2,133.60	1/4	2,404.77	1/4	2,675.94
1/2	243.17	1/2	514.38	1/2	784.38	1/2	1,054.45	1/2	1,325.65	1/2	1,596.85	1/2	1,868.05	1/2	2,139.25	1/2	2,410.42	1/2	2,681.59
3/4	248.82	3/4	520.03	3/4	789.98	3/4	1,060.10	3/4	1,331.30	3/4	1,602.50	3/4	1,873.70	3/4	2,144.90	3/4	2,416.07	3/4	2,687.24
11	254.47	11	525.68	11	795.58	11	1,065.75	11	1,336.95	11	1,608.15	11	1,879.35	11	2,150.55	11	2,421.72	11	2,692.88
1/4	260.12	1/4	531.33	1/4	801.17	1/4	1,071.40	1/4	1,342.60	1/4	1,613.80	1/4	1,885.00	1/4	2,156.20	1/4	2,427.37	1/4	2,698.53
1/2	265.77	1/2	536.98	1/2	806.77	1/2	1,077.05	1/2	1,348.25	1/2	1,619.45	1/2	1,890.65	1/2	2,161.85	1/2	2,433.02	1/2	2,704.18
3/4	271.42	3/4	542.63	3/4	812.37	3/4	1,082.70	3/4	1,353.90	3/4	1,625.10	3/4	1,896.30	3/4	2,167.50	3/4	2,438.67	3/4	2,709.83

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 EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD

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



# BARGE "MPC 954"

**1 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

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	2,715.48	0	2,986.63	0	3,257.18	0	3,527.54	0	3,797.36	0		0		0		0		0	
1/4	2,721.13	1/4	2,992.28	1/4	3,262.81	1/4	3,533.17	1/4	3,802.36	1/4		1/4		1/4		1/4		1/4	
1/2	2,726.78	1/2	2,997.93	1/2	3,268.44	1/2	3,538.81	1/2	3,807.36	1/2		1/2		1/2		1/2		1/2	
3/4	2,732.43	3/4	3,003.57	3/4	3,274.07	3/4	3,544.44	3/4	3,812.36	3/4		3/4		3/4		3/4		3/4	
1	2,738.08	1	3,009.22	1	3,279.71	1	3,550.07	1	3,817.36	1		1		1		1		1	
1/4	2,743.73	1/4	3,014.87	1/4	3,285.34	1/4	3,555.70	1/4	3,821.47	1/4		1/4		1/4		1/4		1/4	
1/2	2,749.37	1/2	3,020.52	1/2	3,290.97	1/2	3,561.34	1/2	3,825.58	1/2		1/2		1/2		1/2		1/2	
3/4	2,755.02	3/4	3,026.17	3/4	3,296.60	3/4	3,566.97	3/4	3,829.69	3/4		3/4		3/4		3/4		3/4	
2	2,760.67	2	3,031.82	2	3,302.24	2	3,572.60	2	3,833.80	2		2		2		2		2	
1/4	2,766.32	1/4	3,037.46	1/4	3,307.87	1/4	3,578.23	1/4	3,837.10	1/4		1/4		1/4		1/4		1/4	
1/2	2,771.97	1/2	3,043.11	1/2	3,313.50	1/2	3,583.87	1/2	3,840.40	1/2		1/2		1/2		1/2		1/2	
3/4	2,777.62	3/4	3,048.76	3/4	3,319.13	3/4	3,589.50	3/4	3,843.70	3/4		3/4		3/4		3/4		3/4	
3	2,783.27	3	3,054.40	3	3,324.77	3	3,595.13	3	3,847.01	3		3		3		3		3	
1/4	2,788.92	1/4	3,060.04	1/4	3,330.40	1/4	3,600.76	1/4	3,849.50	1/4		1/4		1/4		1/4		1/4	
1/2	2,794.57	1/2	3,065.67	1/2	3,336.03	1/2	3,606.40	1/2	3,852.00	1/2		1/2		1/2		1/2		1/2	
3/4	2,800.21	3/4	3,071.30	3/4	3,341.67	3/4	3,612.03	3/4	=====	3/4		3/4		3/4		3/4		3/4	
4	2,805.86	4	3,076.93	4	3,347.30	4	3,617.66	4		4		4		4		4		4	
1/4	2,811.51	1/4	3,082.57	1/4	3,352.93	1/4	3,623.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,817.16	1/2	3,088.20	1/2	3,358.56	1/2	3,628.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,822.81	3/4	3,093.83	3/4	3,364.20	3/4	3,634.56	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,828.46	5	3,099.46	5	3,369.83	5	3,640.19	5		5		5		5		5		5	
1/4	2,834.11	1/4	3,105.10	1/4	3,375.46	1/4	3,645.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,839.76	1/2	3,110.73	1/2	3,381.09	1/2	3,651.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,845.41	3/4	3,116.36	3/4	3,386.73	3/4	3,657.09	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,851.05	6	3,121.99	6	3,392.36	6	3,662.72	6		6		6		6		6		6	
1/4	2,856.70	1/4	3,127.63	1/4	3,397.99	1/4	3,668.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,862.35	1/2	3,133.26	1/2	3,403.62	1/2	3,673.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,868.00	3/4	3,138.89	3/4	3,409.26	3/4	3,679.62	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,873.65	7	3,144.52	7	3,414.89	7	3,685.25	7		7		7		7		7		7	
1/4	2,879.30	1/4	3,150.16	1/4	3,420.52	1/4	3,690.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,884.95	1/2	3,155.79	1/2	3,426.15	1/2	3,696.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,890.60	3/4	3,161.42	3/4	3,431.79	3/4	3,702.15	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,896.25	8	3,167.05	8	3,437.42	8	3,707.78	8		8		8		8		8		8	
1/4	2,901.89	1/4	3,172.69	1/4	3,443.05	1/4	3,713.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,907.54	1/2	3,178.32	1/2	3,448.68	1/2	3,719.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,913.19	3/4	3,183.95	3/4	3,454.32	3/4	3,724.68	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,918.84	9	3,189.58	9	3,459.95	9	3,730.32	9		9		9		9		9		9	
1/4	2,924.49	1/4	3,195.22	1/4	3,465.58	1/4	3,735.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,930.14	1/2	3,200.85	1/2	3,471.21	1/2	3,741.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,935.79	3/4	3,206.48	3/4	3,476.85	3/4	3,747.21	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,941.44	10	3,212.12	10	3,482.48	10	3,752.83	10		10		10		10		10		10	
1/4	2,947.09	1/4	3,217.75	1/4	3,488.11	1/4	3,758.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,952.73	1/2	3,223.38	1/2	3,493.75	1/2	3,764.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,958.38	3/4	3,229.01	3/4	3,499.38	3/4	3,769.70	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,964.03	11	3,234.65	11	3,505.01	11	3,775.32	11		11		11		11		11		11	
1/4	2,969.68	1/4	3,240.28	1/4	3,510.64	1/4	3,780.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,975.33	1/2	3,245.91	1/2	3,516.28	1/2	3,786.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,980.98	3/4	3,251.54	3/4	3,521.91	3/4	3,792.21	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/16/2014 SW  
CALCULATED: 07/16/2014 CL  
PRINTED: 07/16/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "MPC 954"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

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	15.39	0	280.62	0	555.31	0	829.53	0	1,104.11	0	1,378.80	0	1,653.50	0	1,928.10	0	2,202.53	0	2,476.93
1/4	19.32	1/4	286.34	1/4	561.03	1/4	835.24	1/4	1,109.83	1/4	1,384.53	1/4	1,659.22	1/4	1,933.82	1/4	2,208.24	1/4	2,482.65
1/2	23.26	1/2	292.07	1/2	566.75	1/2	840.95	1/2	1,115.55	1/2	1,390.25	1/2	1,664.94	1/2	1,939.54	1/2	2,213.96	1/2	2,488.37
3/4	27.19	3/4	297.79	3/4	572.47	3/4	846.66	3/4	1,121.28	3/4	1,395.97	3/4	1,670.67	3/4	1,945.26	3/4	2,219.68	3/4	2,494.08
1	31.12	1	303.51	1	578.20	1	852.37	1	1,127.00	1	1,401.69	1	1,676.39	1	1,950.97	1	2,225.40	1	2,499.80
1/4	36.30	1/4	309.23	1/4	583.92	1/4	858.08	1/4	1,132.72	1/4	1,407.42	1/4	1,682.11	1/4	1,956.69	1/4	2,231.11	1/4	2,505.52
1/2	41.48	1/2	314.96	1/2	589.64	1/2	863.79	1/2	1,138.44	1/2	1,413.14	1/2	1,687.83	1/2	1,962.41	1/2	2,236.83	1/2	2,511.24
3/4	46.66	3/4	320.68	3/4	595.36	3/4	869.51	3/4	1,144.17	3/4	1,418.86	3/4	1,693.56	3/4	1,968.13	3/4	2,242.55	3/4	2,516.95
2	51.84	2	326.40	2	601.09	2	875.22	2	1,149.89	2	1,424.58	2	1,699.28	2	1,973.84	2	2,248.26	2	2,522.67
1/4	57.54	1/4	332.12	1/4	606.81	1/4	880.94	1/4	1,155.61	1/4	1,430.31	1/4	1,705.00	1/4	1,979.56	1/4	2,253.98	1/4	2,528.39
1/2	63.24	1/2	337.85	1/2	612.53	1/2	886.65	1/2	1,161.34	1/2	1,436.03	1/2	1,710.72	1/2	1,985.28	1/2	2,259.70	1/2	2,534.10
3/4	68.94	3/4	343.57	3/4	618.25	3/4	892.37	3/4	1,167.06	3/4	1,441.75	3/4	1,716.45	3/4	1,990.99	3/4	2,265.41	3/4	2,539.82
3	74.64	3	349.29	3	623.98	3	898.09	3	1,172.78	3	1,447.48	3	1,722.17	3	1,996.71	3	2,271.13	3	2,545.54
1/4	80.35	1/4	355.01	1/4	629.70	1/4	903.81	1/4	1,178.50	1/4	1,453.20	1/4	1,727.89	1/4	2,002.43	1/4	2,276.85	1/4	2,551.25
1/2	86.07	1/2	360.74	1/2	635.42	1/2	909.53	1/2	1,184.23	1/2	1,458.92	1/2	1,733.62	1/2	2,008.15	1/2	2,282.56	1/2	2,556.97
3/4	91.78	3/4	366.46	3/4	641.14	3/4	915.26	3/4	1,189.95	3/4	1,464.64	3/4	1,739.34	3/4	2,013.86	3/4	2,288.28	3/4	2,562.69
4	97.50	4	372.18	4	646.87	4	920.98	4	1,195.67	4	1,470.37	4	1,745.06	4	2,019.58	4	2,294.00	4	2,568.41
1/4	103.22	1/4	377.90	1/4	652.59	1/4	926.70	1/4	1,201.40	1/4	1,476.09	1/4	1,750.78	1/4	2,025.30	1/4	2,299.71	1/4	2,574.12
1/2	108.94	1/2	383.63	1/2	658.30	1/2	932.42	1/2	1,207.12	1/2	1,481.81	1/2	1,756.51	1/2	2,031.02	1/2	2,305.43	1/2	2,579.84
3/4	114.67	3/4	389.35	3/4	664.02	3/4	938.15	3/4	1,212.84	3/4	1,487.54	3/4	1,762.23	3/4	2,036.73	3/4	2,311.15	3/4	2,585.55
5	120.39	5	395.07	5	669.74	5	943.87	5	1,218.56	5	1,493.26	5	1,767.95	5	2,042.45	5	2,316.86	5	2,591.27
1/4	126.11	1/4	400.80	1/4	675.45	1/4	949.59	1/4	1,224.29	1/4	1,498.98	1/4	1,773.68	1/4	2,048.17	1/4	2,322.58	1/4	2,596.98
1/2	131.83	1/2	406.52	1/2	681.15	1/2	955.32	1/2	1,230.01	1/2	1,504.70	1/2	1,779.40	1/2	2,053.89	1/2	2,328.30	1/2	2,602.69
3/4	137.56	3/4	412.24	3/4	686.86	3/4	961.04	3/4	1,235.73	3/4	1,510.43	3/4	1,785.12	3/4	2,059.60	3/4	2,334.01	3/4	2,608.39
6	143.28	6	417.96	6	692.57	6	966.76	6	1,241.46	6	1,516.15	6	1,790.84	6	2,065.32	6	2,339.73	6	2,614.10
1/4	149.00	1/4	423.69	1/4	698.28	1/4	972.48	1/4	1,247.18	1/4	1,521.87	1/4	1,796.57	1/4	2,071.04	1/4	2,345.45	1/4	2,619.78
1/2	154.72	1/2	429.41	1/2	703.98	1/2	978.21	1/2	1,252.90	1/2	1,527.60	1/2	1,802.29	1/2	2,076.76	1/2	2,351.16	1/2	2,625.47
3/4	160.45	3/4	435.13	3/4	709.69	3/4	983.93	3/4	1,258.62	3/4	1,533.32	3/4	1,808.01	3/4	2,082.47	3/4	2,356.88	3/4	2,631.15
7	166.17	7	440.85	7	715.40	7	989.65	7	1,264.35	7	1,539.04	7	1,813.74	7	2,088.19	7	2,362.60	7	2,636.83
1/4	171.89	1/4	446.58	1/4	721.10	1/4	995.37	1/4	1,270.07	1/4	1,544.76	1/4	1,819.46	1/4	2,093.91	1/4	2,368.32	1/4	2,642.51
1/2	177.61	1/2	452.30	1/2	726.81	1/2	1,001.10	1/2	1,275.79	1/2	1,550.49	1/2	1,825.18	1/2	2,099.62	1/2	2,374.03	1/2	2,648.20
3/4	183.34	3/4	458.02	3/4	732.52	3/4	1,006.82	3/4	1,281.51	3/4	1,556.21	3/4	1,830.90	3/4	2,105.34	3/4	2,379.75	3/4	2,653.88
8	189.06	8	463.74	8	738.22	8	1,012.54	8	1,287.24	8	1,561.93	8	1,836.62	8	2,111.06	8	2,385.47	8	2,659.56
1/4	194.78	1/4	469.47	1/4	743.93	1/4	1,018.27	1/4	1,292.96	1/4	1,567.65	1/4	1,842.34	1/4	2,116.78	1/4	2,391.18	1/4	2,665.24
1/2	200.50	1/2	475.19	1/2	749.64	1/2	1,023.99	1/2	1,298.68	1/2	1,573.38	1/2	1,848.06	1/2	2,122.49	1/2	2,396.90	1/2	2,670.92
3/4	206.23	3/4	480.91	3/4	755.34	3/4	1,029.71	3/4	1,304.41	3/4	1,579.10	3/4	1,853.78	3/4	2,128.21	3/4	2,402.62	3/4	2,676.61
9	211.95	9	486.63	9	761.05	9	1,035.43	9	1,310.13	9	1,584.82	9	1,859.49	9	2,133.93	9	2,408.33	9	2,682.29
1/4	217.67	1/4	492.36	1/4	766.76	1/4	1,041.16	1/4	1,315.85	1/4	1,590.55	1/4	1,865.21	1/4	2,139.64	1/4	2,414.05	1/4	2,687.97
1/2	223.39	1/2	498.08	1/2	772.46	1/2	1,046.88	1/2	1,321.57	1/2	1,596.27	1/2	1,870.93	1/2	2,145.36	1/2	2,419.77	1/2	2,693.65
3/4	229.12	3/4	503.80	3/4	778.17	3/4	1,052.60	3/4	1,327.30	3/4	1,601.99	3/4	1,876.65	3/4	2,151.08	3/4	2,425.48	3/4	2,699.34
10	234.84	10	509.52	10	783.88	10	1,058.33	10	1,333.02	10	1,607.71	10	1,882.36	10	2,156.79	10	2,431.20	10	2,705.02
1/4	240.56	1/4	515.25	1/4	789.58	1/4	1,064.05	1/4	1,338.74	1/4	1,613.44	1/4	1,888.08	1/4	2,162.51	1/4	2,436.92	1/4	2,710.70
1/2	246.28	1/2	520.97	1/2	795.29	1/2	1,069.77	1/2	1,344.47	1/2	1,619.16	1/2	1,893.80	1/2	2,168.23	1/2	2,442.63	1/2	2,716.38
3/4	252.01	3/4	526.69	3/4	801.00	3/4	1,075.49	3/4	1,350.19	3/4	1,624.88	3/4	1,899.52	3/4	2,173.94	3/4	2,448.35	3/4	2,722.06
11	257.73	11	532.41	11	806.70	11	1,081.22	11	1,355.91	11	1,630.61	11	1,905.23	11	2,179.66	11	2,454.07	11	2,727.75
1/4	263.45	1/4	538.14	1/4	812.41	1/4	1,086.94	1/4	1,361.63	1/4	1,636.33	1/4	1,910.95	1/4	2,185.38	1/4	2,459.78	1/4	2,733.01
1/2	269.18	1/2	543.86	1/2	818.12	1/2	1,092.66	1/2	1,367.36	1/2	1,642.05	1/2	1,916.67	1/2	2,191.09	1/2	2,465.50	1/2	2,738.27
3/4	274.90	3/4	549.58	3/4	823.82	3/4	1,098.39	3/4	1,373.08	3/4	1,647.77	3/4	1,922.39	3/4	2,196.81	3/4	2,471.22	3/4	2,743.53

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 EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 36'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "MPC 954"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

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	2,748.79	0	2,940.57	0	3,127.65	0	3,314.33	0	3,500.45	0		0		0		0		0	
1/4	2,752.78	1/4	2,944.54	1/4	3,131.54	1/4	3,318.22	1/4	3,503.70	1/4		1/4		1/4		1/4		1/4	
1/2	2,756.78	1/2	2,948.51	1/2	3,135.43	1/2	3,322.11	1/2	3,506.96	1/2		1/2		1/2		1/2		1/2	
3/4	2,760.77	3/4	2,952.48	3/4	3,139.32	3/4	3,326.00	3/4	3,510.22	3/4		3/4		3/4		3/4		3/4	
1	2,764.77	1	2,956.46	1	3,143.21	1	3,329.88	1	3,513.47	1		1		1		1		1	
1/4	2,768.76	1/4	2,960.36	1/4	3,147.10	1/4	3,333.77	1/4	3,515.85	1/4		1/4		1/4		1/4		1/4	
1/2	2,772.76	1/2	2,964.26	1/2	3,150.99	1/2	3,337.66	1/2	3,518.23	1/2		1/2		1/2		1/2		1/2	
3/4	2,776.76	3/4	2,968.16	3/4	3,154.88	3/4	3,341.55	3/4	3,520.62	3/4		3/4		3/4		3/4		3/4	
2	2,780.75	2	2,972.06	2	3,158.76	2	3,345.44	2	3,523.00	2		2		2		2		2	
1/4	2,784.75	1/4	2,975.95	1/4	3,162.65	1/4	3,349.33	1/4	3,524.56	1/4		1/4		1/4		1/4		1/4	
1/2	2,788.74	1/2	2,979.85	1/2	3,166.54	1/2	3,353.22	1/2	3,526.12	1/2		1/2		1/2		1/2		1/2	
3/4	2,792.74	3/4	2,983.75	3/4	3,170.43	3/4	3,357.11	3/4	3,527.69	3/4		3/4		3/4		3/4		3/4	
3	2,796.73	3	2,987.64	3	3,174.32	3	3,361.00	3	3,529.25	3		3		3		3		3	
1/4	2,800.73	1/4	2,991.53	1/4	3,178.21	1/4	3,364.89	1/4	3,530.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,804.72	1/2	2,995.42	1/2	3,182.10	1/2	3,368.78	1/2	3,530.74	1/2		1/2		1/2		1/2		1/2	
3/4	2,808.72	3/4	2,999.31	3/4	3,185.99	3/4	3,372.67	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,812.71	4	3,003.20	4	3,189.88	4	3,376.55	4		4		4		4		4		4	
1/4	2,816.71	1/4	3,007.09	1/4	3,193.77	1/4	3,380.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,820.70	1/2	3,010.98	1/2	3,197.66	1/2	3,384.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,824.70	3/4	3,014.87	3/4	3,201.54	3/4	3,388.22	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,828.70	5	3,018.76	5	3,205.43	5	3,392.11	5		5		5		5		5		5	
1/4	2,832.69	1/4	3,022.65	1/4	3,209.32	1/4	3,396.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,836.69	1/2	3,026.54	1/2	3,213.21	1/2	3,399.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,840.68	3/4	3,030.42	3/4	3,217.10	3/4	3,403.78	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,844.68	6	3,034.31	6	3,220.99	6	3,407.67	6		6		6		6		6		6	
1/4	2,848.67	1/4	3,038.20	1/4	3,224.88	1/4	3,411.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,852.67	1/2	3,042.09	1/2	3,228.77	1/2	3,415.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,856.66	3/4	3,045.98	3/4	3,232.66	3/4	3,419.33	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,860.66	7	3,049.87	7	3,236.55	7	3,423.22	7		7		7		7		7		7	
1/4	2,864.65	1/4	3,053.76	1/4	3,240.44	1/4	3,427.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,868.65	1/2	3,057.65	1/2	3,244.32	1/2	3,431.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,872.65	3/4	3,061.54	3/4	3,248.21	3/4	3,434.89	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,876.64	8	3,065.43	8	3,252.10	8	3,438.78	8		8		8		8		8		8	
1/4	2,880.64	1/4	3,069.32	1/4	3,255.99	1/4	3,442.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,884.63	1/2	3,073.20	1/2	3,259.88	1/2	3,446.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,888.63	3/4	3,077.09	3/4	3,263.77	3/4	3,450.44	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,892.62	9	3,080.98	9	3,267.66	9	3,454.33	9		9		9		9		9		9	
1/4	2,896.62	1/4	3,084.87	1/4	3,271.55	1/4	3,458.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,900.61	1/2	3,088.76	1/2	3,275.44	1/2	3,462.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,904.61	3/4	3,092.65	3/4	3,279.33	3/4	3,465.99	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,908.60	10	3,096.54	10	3,283.22	10	3,469.87	10		10		10		10		10		10	
1/4	2,912.60	1/4	3,100.43	1/4	3,287.10	1/4	3,473.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,916.59	1/2	3,104.32	1/2	3,290.99	1/2	3,477.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,920.59	3/4	3,108.21	3/4	3,294.88	3/4	3,481.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,924.59	11	3,112.10	11	3,298.77	11	3,485.38	11		11		11		11		11		11	
1/4	2,928.58	1/4	3,115.98	1/4	3,302.66	1/4	3,489.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,932.58	1/2	3,119.87	1/2	3,306.55	1/2	3,492.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,936.57	3/4	3,123.76	3/4	3,310.44	3/4	3,496.68	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/16/2014 SW  
CALCULATED: 07/16/2014 CL  
PRINTED: 07/16/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

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



# BARGE "MPC 954"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

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	15.27	0	279.78	0	553.76	0	819.88	0	1,088.81	0	1,362.42	0	1,636.08	0	1,909.83	0	2,183.41	0	2,456.96
1/4	19.19	1/4	285.49	1/4	559.47	1/4	825.32	1/4	1,094.52	1/4	1,368.12	1/4	1,641.79	1/4	1,915.53	1/4	2,189.11	1/4	2,462.66
1/2	23.11	1/2	291.19	1/2	565.18	1/2	830.75	1/2	1,100.22	1/2	1,373.82	1/2	1,647.49	1/2	1,921.23	1/2	2,194.80	1/2	2,468.36
3/4	27.04	3/4	296.90	3/4	570.89	3/4	836.19	3/4	1,105.92	3/4	1,379.51	3/4	1,653.20	3/4	1,926.93	3/4	2,200.50	3/4	2,474.06
1	30.96	1	302.61	1	576.59	1	841.63	1	1,111.62	1	1,385.21	1	1,658.90	1	1,932.63	1	2,206.20	1	2,479.76
1/4	36.12	1/4	308.31	1/4	582.30	1/4	847.07	1/4	1,117.32	1/4	1,390.90	1/4	1,664.61	1/4	1,938.33	1/4	2,211.90	1/4	2,485.46
1/2	41.28	1/2	314.02	1/2	588.01	1/2	852.52	1/2	1,123.03	1/2	1,396.60	1/2	1,670.31	1/2	1,944.03	1/2	2,217.60	1/2	2,491.16
3/4	46.45	3/4	319.73	3/4	593.72	3/4	857.96	3/4	1,128.73	3/4	1,402.29	3/4	1,676.02	3/4	1,949.73	3/4	2,223.30	3/4	2,496.86
2	51.61	2	325.44	2	599.43	2	863.41	2	1,134.43	2	1,407.99	2	1,681.72	2	1,955.43	2	2,229.00	2	2,502.56
1/4	57.30	1/4	331.15	1/4	605.13	1/4	868.85	1/4	1,140.13	1/4	1,413.69	1/4	1,687.43	1/4	1,961.13	1/4	2,234.70	1/4	2,508.25
1/2	62.98	1/2	336.85	1/2	610.84	1/2	874.30	1/2	1,145.83	1/2	1,419.38	1/2	1,693.13	1/2	1,966.83	1/2	2,240.40	1/2	2,513.95
3/4	68.67	3/4	342.56	3/4	616.55	3/4	879.75	3/4	1,151.53	3/4	1,425.08	3/4	1,698.84	3/4	1,972.53	3/4	2,246.10	3/4	2,519.65
3	74.35	3	348.27	3	622.26	3	885.20	3	1,157.24	3	1,430.78	3	1,704.54	3	1,978.23	3	2,251.80	3	2,525.35
1/4	80.05	1/4	353.98	1/4	627.97	1/4	890.67	1/4	1,162.94	1/4	1,436.48	1/4	1,710.25	1/4	1,983.93	1/4	2,257.49	1/4	2,531.05
1/2	85.76	1/2	359.69	1/2	633.67	1/2	896.13	1/2	1,168.64	1/2	1,442.18	1/2	1,715.95	1/2	1,989.63	1/2	2,263.19	1/2	2,536.75
3/4	91.46	3/4	365.39	3/4	639.38	3/4	901.60	3/4	1,174.34	3/4	1,447.88	3/4	1,721.66	3/4	1,995.33	3/4	2,268.89	3/4	2,542.45
4	97.16	4	371.10	4	645.09	4	907.06	4	1,180.04	4	1,453.58	4	1,727.36	4	2,001.03	4	2,274.59	4	2,548.15
1/4	102.87	1/4	376.81	1/4	650.73	1/4	912.59	1/4	1,185.75	1/4	1,459.28	1/4	1,733.07	1/4	2,006.73	1/4	2,280.29	1/4	2,553.84
1/2	108.57	1/2	382.52	1/2	656.37	1/2	918.11	1/2	1,191.45	1/2	1,464.98	1/2	1,738.77	1/2	2,012.43	1/2	2,285.99	1/2	2,559.54
3/4	114.28	3/4	388.23	3/4	662.01	3/4	923.64	3/4	1,197.15	3/4	1,470.68	3/4	1,744.48	3/4	2,018.12	3/4	2,291.69	3/4	2,565.24
5	119.99	5	393.93	5	667.65	5	929.16	5	1,202.85	5	1,476.39	5	1,750.18	5	2,023.82	5	2,297.39	5	2,570.94
1/4	125.70	1/4	399.64	1/4	673.09	1/4	934.86	1/4	1,208.55	1/4	1,482.09	1/4	1,755.89	1/4	2,029.52	1/4	2,303.09	1/4	2,576.63
1/2	131.40	1/2	405.35	1/2	678.52	1/2	940.56	1/2	1,214.26	1/2	1,487.79	1/2	1,761.59	1/2	2,035.22	1/2	2,308.79	1/2	2,582.32
3/4	137.11	3/4	411.06	3/4	683.96	3/4	946.27	3/4	1,219.96	3/4	1,493.49	3/4	1,767.30	3/4	2,040.92	3/4	2,314.49	3/4	2,588.01
6	142.82	6	416.77	6	689.40	6	951.97	6	1,225.66	6	1,499.19	6	1,773.00	6	2,046.62	6	2,320.18	6	2,593.70
1/4	148.53	1/4	422.47	1/4	694.83	1/4	957.67	1/4	1,231.36	1/4	1,504.89	1/4	1,778.71	1/4	2,052.32	1/4	2,325.88	1/4	2,599.36
1/2	154.23	1/2	428.18	1/2	700.27	1/2	963.37	1/2	1,237.06	1/2	1,510.59	1/2	1,784.41	1/2	2,058.02	1/2	2,331.58	1/2	2,605.03
3/4	159.94	3/4	433.89	3/4	705.71	3/4	969.07	3/4	1,242.77	3/4	1,516.29	3/4	1,790.12	3/4	2,063.72	3/4	2,337.28	3/4	2,610.69
7	165.65	7	439.60	7	711.14	7	974.78	7	1,248.47	7	1,521.99	7	1,795.82	7	2,069.42	7	2,342.98	7	2,616.36
1/4	171.35	1/4	445.31	1/4	716.58	1/4	980.48	1/4	1,254.17	1/4	1,527.70	1/4	1,801.53	1/4	2,075.12	1/4	2,348.68	1/4	2,622.02
1/2	177.06	1/2	451.02	1/2	722.02	1/2	986.18	1/2	1,259.87	1/2	1,533.40	1/2	1,807.23	1/2	2,080.82	1/2	2,354.38	1/2	2,627.69
3/4	182.77	3/4	456.72	3/4	727.45	3/4	991.88	3/4	1,265.57	3/4	1,539.10	3/4	1,812.93	3/4	2,086.52	3/4	2,360.08	3/4	2,633.35
8	188.47	8	462.43	8	732.89	8	997.58	8	1,271.27	8	1,544.80	8	1,818.64	8	2,092.22	8	2,365.78	8	2,639.02
1/4	194.18	1/4	468.14	1/4	738.33	1/4	1,003.29	1/4	1,276.98	1/4	1,550.51	1/4	1,824.34	1/4	2,097.92	1/4	2,371.48	1/4	2,644.68
1/2	199.89	1/2	473.85	1/2	743.76	1/2	1,008.99	1/2	1,282.68	1/2	1,556.21	1/2	1,830.04	1/2	2,103.62	1/2	2,377.18	1/2	2,650.35
3/4	205.59	3/4	479.56	3/4	749.20	3/4	1,014.69	3/4	1,288.38	3/4	1,561.92	3/4	1,835.74	3/4	2,109.32	3/4	2,382.87	3/4	2,656.01
9	211.30	9	485.26	9	754.64	9	1,020.39	9	1,294.08	9	1,567.62	9	1,841.44	9	2,115.02	9	2,388.57	9	2,661.68
1/4	217.01	1/4	490.97	1/4	760.07	1/4	1,026.09	1/4	1,299.77	1/4	1,573.33	1/4	1,847.14	1/4	2,120.72	1/4	2,394.27	1/4	2,667.35
1/2	222.71	1/2	496.68	1/2	765.51	1/2	1,031.79	1/2	1,305.47	1/2	1,579.03	1/2	1,852.84	1/2	2,126.42	1/2	2,399.97	1/2	2,673.02
3/4	228.42	3/4	502.39	3/4	770.95	3/4	1,037.50	3/4	1,311.16	3/4	1,584.74	3/4	1,858.54	3/4	2,132.11	3/4	2,405.67	3/4	2,678.69
10	234.13	10	508.10	10	776.38	10	1,043.20	10	1,316.86	10	1,590.44	10	1,864.24	10	2,137.81	10	2,411.37	10	2,684.35
1/4	239.83	1/4	513.80	1/4	781.82	1/4	1,048.90	1/4	1,322.55	1/4	1,596.15	1/4	1,869.94	1/4	2,143.51	1/4	2,417.07	1/4	2,690.03
1/2	245.54	1/2	519.51	1/2	787.26	1/2	1,054.60	1/2	1,328.25	1/2	1,601.85	1/2	1,875.64	1/2	2,149.21	1/2	2,422.77	1/2	2,695.71
3/4	251.25	3/4	525.22	3/4	792.69	3/4	1,060.30	3/4	1,333.95	3/4	1,607.56	3/4	1,881.33	3/4	2,154.91	3/4	2,428.47	3/4	2,701.39
11	256.95	11	530.93	11	798.13	11	1,066.01	11	1,339.64	11	1,613.26	11	1,887.03	11	2,160.61	11	2,434.17	11	2,707.07
1/4	262.66	1/4	536.64	1/4	803.57	1/4	1,071.71	1/4	1,345.34	1/4	1,618.97	1/4	1,892.73	1/4	2,166.31	1/4	2,439.87	1/4	2,712.33
1/2	268.37	1/2	542.34	1/2	809.00	1/2	1,077.41	1/2	1,351.03	1/2	1,624.67	1/2	1,898.43	1/2	2,172.01	1/2	2,445.56	1/2	2,717.59
3/4	274.07	3/4	548.05	3/4	814.44	3/4	1,083.11	3/4	1,356.73	3/4	1,630.38	3/4	1,904.13	3/4	2,177.71	3/4	2,451.26	3/4	2,722.85

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 EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 36'-06" FORWARD OF AFT BULKHEAD

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





# BARGE "MPC 954"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

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	2,728.10	0	2,919.79	0	3,106.79	0	3,293.37	0	3,479.41	0		0		0		0		0	
1/4	2,732.10	1/4	2,923.76	1/4	3,110.67	1/4	3,297.26	1/4	3,482.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,736.09	1/2	2,927.73	1/2	3,114.56	1/2	3,301.15	1/2	3,485.91	1/2		1/2		1/2		1/2		1/2	
3/4	2,740.08	3/4	2,931.70	3/4	3,118.45	3/4	3,305.03	3/4	3,489.17	3/4		3/4		3/4		3/4		3/4	
1	2,744.08	1	2,935.67	1	3,122.33	1	3,308.92	1	3,492.42	1		1		1		1		1	
1/4	2,748.07	1/4	2,939.57	1/4	3,126.22	1/4	3,312.81	1/4	3,494.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,752.07	1/2	2,943.47	1/2	3,130.11	1/2	3,316.69	1/2	3,497.18	1/2		1/2		1/2		1/2		1/2	
3/4	2,756.06	3/4	2,947.37	3/4	3,134.00	3/4	3,320.58	3/4	3,499.56	3/4		3/4		3/4		3/4		3/4	
2	2,760.05	2	2,951.26	2	3,137.88	2	3,324.47	2	3,501.94	2		2		2		2		2	
1/4	2,764.05	1/4	2,955.16	1/4	3,141.77	1/4	3,328.36	1/4	3,503.51	1/4		1/4		1/4		1/4		1/4	
1/2	2,768.04	1/2	2,959.06	1/2	3,145.66	1/2	3,332.24	1/2	3,505.07	1/2		1/2		1/2		1/2		1/2	
3/4	2,772.03	3/4	2,962.95	3/4	3,149.55	3/4	3,336.13	3/4	3,506.63	3/4		3/4		3/4		3/4		3/4	
3	2,776.03	3	2,966.85	3	3,153.43	3	3,340.02	3	3,508.20	3		3		3		3		3	
1/4	2,780.02	1/4	2,970.73	1/4	3,157.32	1/4	3,343.91	1/4	3,508.94	1/4		1/4		1/4		1/4		1/4	
1/2	2,784.01	1/2	2,974.62	1/2	3,161.21	1/2	3,347.79	1/2	3,509.69	1/2		1/2		1/2		1/2		1/2	
3/4	2,788.01	3/4	2,978.51	3/4	3,165.09	3/4	3,351.68	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,792.00	4	2,982.40	4	3,168.98	4	3,355.57	4		4		4		4		4		4	
1/4	2,795.99	1/4	2,986.28	1/4	3,172.87	1/4	3,359.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,799.99	1/2	2,990.17	1/2	3,176.76	1/2	3,363.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,803.98	3/4	2,994.06	3/4	3,180.64	3/4	3,367.23	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,807.97	5	2,997.94	5	3,184.53	5	3,371.12	5		5		5		5		5		5	
1/4	2,811.97	1/4	3,001.83	1/4	3,188.42	1/4	3,375.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,815.96	1/2	3,005.72	1/2	3,192.30	1/2	3,378.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,819.95	3/4	3,009.61	3/4	3,196.19	3/4	3,382.78	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,823.95	6	3,013.49	6	3,200.08	6	3,386.66	6		6		6		6		6		6	
1/4	2,827.94	1/4	3,017.38	1/4	3,203.97	1/4	3,390.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,831.94	1/2	3,021.27	1/2	3,207.85	1/2	3,394.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,835.93	3/4	3,025.15	3/4	3,211.74	3/4	3,398.33	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,839.92	7	3,029.04	7	3,215.63	7	3,402.21	7		7		7		7		7		7	
1/4	2,843.92	1/4	3,032.93	1/4	3,219.51	1/4	3,406.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,847.91	1/2	3,036.82	1/2	3,223.40	1/2	3,409.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,851.90	3/4	3,040.70	3/4	3,227.29	3/4	3,413.87	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,855.90	8	3,044.59	8	3,231.18	8	3,417.76	8		8		8		8		8		8	
1/4	2,859.89	1/4	3,048.48	1/4	3,235.06	1/4	3,421.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,863.88	1/2	3,052.37	1/2	3,238.95	1/2	3,425.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,867.88	3/4	3,056.25	3/4	3,242.84	3/4	3,429.42	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,871.87	9	3,060.14	9	3,246.73	9	3,433.31	9		9		9		9		9		9	
1/4	2,875.86	1/4	3,064.03	1/4	3,250.61	1/4	3,437.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,879.86	1/2	3,067.91	1/2	3,254.50	1/2	3,441.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,883.85	3/4	3,071.80	3/4	3,258.39	3/4	3,444.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,887.84	10	3,075.69	10	3,262.27	10	3,448.85	10		10		10		10		10		10	
1/4	2,891.84	1/4	3,079.58	1/4	3,266.16	1/4	3,452.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,895.83	1/2	3,083.46	1/2	3,270.05	1/2	3,456.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,899.82	3/4	3,087.35	3/4	3,273.94	3/4	3,460.47	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,903.82	11	3,091.24	11	3,277.82	11	3,464.35	11		11		11		11		11		11	
1/4	2,907.81	1/4	3,095.12	1/4	3,281.71	1/4	3,468.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,911.81	1/2	3,099.01	1/2	3,285.60	1/2	3,471.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,915.80	3/4	3,102.90	3/4	3,289.48	3/4	3,475.64	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/16/2014 SW  
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PRINTED: 07/16/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "MPC 954"

## SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-11 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	0	0	384	0	768	0	1,152	0		0		0		0		0		0	
1/4	8	1/4	392	1/4	776	1/4	1,160	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	16	1/2	400	1/2	784	1/2	1,168	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	24	3/4	408	3/4	792	3/4	1,176	3/4		3/4		3/4		3/4		3/4		3/4	
1	32	1	416	1	800	1	1,184	1		1		1		1		1		1	
1/4	40	1/4	424	1/4	808	1/4	1,192	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	432	1/2	816	1/2	1,200	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	56	3/4	440	3/4	824	3/4	1,208	3/4		3/4		3/4		3/4		3/4		3/4	
2	64	2	448	2	832	2	1,216	2		2		2		2		2		2	
1/4	72	1/4	456	1/4	840	1/4	1,224	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	80	1/2	464	1/2	848	1/2	1,232	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	88	3/4	472	3/4	856	3/4	1,240	3/4		3/4		3/4		3/4		3/4		3/4	
3	96	3	480	3	864	3	1,248	3		3		3		3		3		3	
1/4	104	1/4	488	1/4	872	1/4	1,256	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112	1/2	496	1/2	880	1/2	1,264	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120	3/4	504	3/4	888	3/4	1,272	3/4		3/4		3/4		3/4		3/4		3/4	
4	128	4	512	4	896	4	1,280	4		4		4		4		4		4	
1/4	136	1/4	520	1/4	904	1/4	1,288	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	144	1/2	528	1/2	912	1/2	1,296	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152	3/4	536	3/4	920	3/4	1,304	3/4		3/4		3/4		3/4		3/4		3/4	
5	160	5	544	5	928	5	1,312	5		5		5		5		5		5	
1/4	168	1/4	552	1/4	936	1/4	1,316	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	176	1/2	560	1/2	944	1/2	1,319	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	184	3/4	568	3/4	952	3/4	1,322	3/4		3/4		3/4		3/4		3/4		3/4	
6	192	6	576	6	960	6	1,325	6		6		6		6		6		6	
1/4	200	1/4	584	1/4	968	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	208	1/2	592	1/2	976	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	216	3/4	600	3/4	984	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	224	7	608	7	992	7		7		7		7		7		7		7	
1/4	232	1/4	616	1/4	1,000	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	240	1/2	624	1/2	1,008	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	248	3/4	632	3/4	1,016	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	256	8	640	8	1,024	8		8		8		8		8		8		8	
1/4	264	1/4	648	1/4	1,032	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	272	1/2	656	1/2	1,040	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	280	3/4	664	3/4	1,048	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	288	9	672	9	1,056	9		9		9		9		9		9		9	
1/4	296	1/4	680	1/4	1,064	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	688	1/2	1,072	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	312	3/4	696	3/4	1,080	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	320	10	704	10	1,088	10		10		10		10		10		10		10	
1/4	328	1/4	712	1/4	1,096	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	336	1/2	720	1/2	1,104	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	344	3/4	728	3/4	1,112	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	352	11	736	11	1,120	11		11		11		11		11		11		11	
1/4	360	1/4	744	1/4	1,128	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	368	1/2	752	1/2	1,136	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	376	3/4	760	3/4	1,144	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 EXTREME HEIGHT OF TANK AT GAUGE POINT  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF MANWAY

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PRECISION MEASUREMENT  
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Pearland, Texas 77588  
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# BARGE "MPC 954"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-00"

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	0	85	0	213	0	328	0		0		0		0		0		0	
1/4	1	1/4	87	1/4	215	1/4	330	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	90	1/2	218	1/2	332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	92	3/4	221	3/4	334	3/4		3/4		3/4		3/4		3/4		3/4	
1	2	1	95	1	223	1	336	1		1		1		1		1		1	
1/4	3	1/4	97	1/4	226	1/4	337	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4	1/2	100	1/2	229	1/2	339	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5	3/4	102	3/4	231	3/4	341	3/4		3/4		3/4		3/4		3/4		3/4	
2	6	2	105	2	234	2	342	2		2		2		2		2		2	
1/4	8	1/4	108	1/4	237	1/4	344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	9	1/2	110	1/2	239	1/2	345	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	10	3/4	113	3/4	242	3/4	347	3/4		3/4		3/4		3/4		3/4		3/4	
3	11	3	115	3	244	3	348	3		3		3		3		3		3	
1/4	13	1/4	118	1/4	247	1/4	350	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	14	1/2	121	1/2	250	1/2	351	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	123	3/4	252	3/4	352	3/4		3/4		3/4		3/4		3/4		3/4	
4	17	4	126	4	255	4	354	4		4		4		4		4		4	
1/4	19	1/4	129	1/4	257	1/4	355	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	131	1/2	260	1/2	356	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	134	3/4	262	3/4	357	3/4		3/4		3/4		3/4		3/4		3/4	
5	24	5	137	5	265	5	358	5		5		5		5		5		5	
1/4	26	1/4	139	1/4	268	1/4	358	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	28	1/2	142	1/2	270	1/2	359	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	30	3/4	145	3/4	273	3/4	359	3/4		3/4		3/4		3/4		3/4		3/4	
6	32	6	147	6	275	6	360	6		6		6		6		6		6	
1/4	34	1/4	150	1/4	277	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	153	1/2	280	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37	3/4	155	3/4	282	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	39	7	158	7	285	7		7		7		7		7		7		7	
1/4	42	1/4	161	1/4	287	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	164	1/2	289	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	46	3/4	166	3/4	292	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	48	8	169	8	294	8		8		8		8		8		8		8	
1/4	50	1/4	172	1/4	296	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	174	1/2	299	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	177	3/4	301	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	57	9	180	9	303	9		9		9		9		9		9		9	
1/4	59	1/4	183	1/4	306	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	185	1/2	308	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	188	3/4	310	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	66	10	191	10	312	10		10		10		10		10		10		10	
1/4	68	1/4	194	1/4	314	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70	1/2	196	1/2	316	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73	3/4	199	3/4	318	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	75	11	202	11	320	11		11		11		11		11		11		11	
1/4	78	1/4	204	1/4	322	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	80	1/2	207	1/2	324	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	82	3/4	210	3/4	326	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 EXTREME HEIGHT OF TANK AT GAUGE POINT  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER PIPE

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