



BARGE "MPC 953"

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	00-3/4	- 00-3/4	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	- 02-0/8	02-0/8
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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BARGE "MPC 953"

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	15.18	0	276.76	0	547.67	0	818.12	0	1,088.91	0	1,359.83	0	1,630.75	0	1,901.66	0	2,172.57	0	2,443.45
1/4	19.06	1/4	282.41	1/4	553.32	1/4	823.75	1/4	1,094.56	1/4	1,365.47	1/4	1,636.39	1/4	1,907.31	1/4	2,178.21	1/4	2,449.10
1/2	22.94	1/2	288.05	1/2	558.96	1/2	829.38	1/2	1,100.20	1/2	1,371.12	1/2	1,642.04	1/2	1,912.95	1/2	2,183.85	1/2	2,454.74
3/4	26.82	3/4	293.70	3/4	564.60	3/4	835.01	3/4	1,105.85	3/4	1,376.76	3/4	1,647.68	3/4	1,918.60	3/4	2,189.50	3/4	2,460.38
1	30.70	1	299.34	1	570.25	1	840.64	1	1,111.49	1	1,382.41	1	1,653.32	1	1,924.24	1	2,195.14	1	2,466.03
1/4	35.81	1/4	304.98	1/4	575.89	1/4	846.27	1/4	1,117.13	1/4	1,388.05	1/4	1,658.97	1/4	1,929.88	1/4	2,200.78	1/4	2,471.67
1/2	40.91	1/2	310.63	1/2	581.53	1/2	851.91	1/2	1,122.78	1/2	1,393.69	1/2	1,664.61	1/2	1,935.53	1/2	2,206.43	1/2	2,477.31
3/4	46.02	3/4	316.27	3/4	587.18	3/4	857.54	3/4	1,128.42	3/4	1,399.34	3/4	1,670.26	3/4	1,941.17	3/4	2,212.07	3/4	2,482.96
2	51.13	2	321.92	2	592.82	2	863.18	2	1,134.07	2	1,404.98	2	1,675.90	2	1,946.82	2	2,217.71	2	2,488.60
1/4	56.75	1/4	327.56	1/4	598.47	1/4	868.81	1/4	1,139.71	1/4	1,410.63	1/4	1,681.54	1/4	1,952.46	1/4	2,223.36	1/4	2,494.25
1/2	62.37	1/2	333.20	1/2	604.11	1/2	874.45	1/2	1,145.35	1/2	1,416.27	1/2	1,687.19	1/2	1,958.10	1/2	2,229.00	1/2	2,499.89
3/4	67.99	3/4	338.85	3/4	609.75	3/4	880.09	3/4	1,151.00	3/4	1,421.92	3/4	1,692.83	3/4	1,963.75	3/4	2,234.64	3/4	2,505.53
3	73.61	3	344.49	3	615.40	3	885.73	3	1,156.64	3	1,427.56	3	1,698.48	3	1,969.39	3	2,240.29	3	2,511.18
1/4	79.25	1/4	350.13	1/4	621.04	1/4	891.37	1/4	1,162.29	1/4	1,433.20	1/4	1,704.12	1/4	1,975.04	1/4	2,245.93	1/4	2,516.82
1/2	84.89	1/2	355.78	1/2	626.69	1/2	897.01	1/2	1,167.93	1/2	1,438.85	1/2	1,709.76	1/2	1,980.68	1/2	2,251.57	1/2	2,522.46
3/4	90.53	3/4	361.42	3/4	632.33	3/4	902.66	3/4	1,173.57	3/4	1,444.49	3/4	1,715.41	3/4	1,986.33	3/4	2,257.22	3/4	2,528.11
4	96.16	4	367.07	4	637.97	4	908.30	4	1,179.22	4	1,450.14	4	1,721.05	4	1,991.97	4	2,262.86	4	2,533.75
1/4	101.81	1/4	372.71	1/4	643.61	1/4	913.95	1/4	1,184.86	1/4	1,455.78	1/4	1,726.70	1/4	1,997.61	1/4	2,268.51	1/4	2,539.39
1/2	107.45	1/2	378.35	1/2	649.25	1/2	919.59	1/2	1,190.51	1/2	1,461.42	1/2	1,732.34	1/2	2,003.26	1/2	2,274.15	1/2	2,545.04
3/4	113.09	3/4	384.00	3/4	654.89	3/4	925.23	3/4	1,196.15	3/4	1,467.07	3/4	1,737.98	3/4	2,008.90	3/4	2,279.79	3/4	2,550.68
5	118.74	5	389.64	5	660.53	5	930.88	5	1,201.80	5	1,472.71	5	1,743.63	5	2,014.55	5	2,285.44	5	2,556.32
1/4	124.38	1/4	395.29	1/4	666.16	1/4	936.52	1/4	1,207.44	1/4	1,478.36	1/4	1,749.27	1/4	2,020.19	1/4	2,291.08	1/4	2,561.97
1/2	130.02	1/2	400.93	1/2	671.79	1/2	942.17	1/2	1,213.08	1/2	1,484.00	1/2	1,754.92	1/2	2,025.83	1/2	2,296.72	1/2	2,567.61
3/4	135.67	3/4	406.57	3/4	677.41	3/4	947.81	3/4	1,218.73	3/4	1,489.64	3/4	1,760.56	3/4	2,031.48	3/4	2,302.37	3/4	2,573.25
6	141.31	6	412.22	6	683.04	6	953.46	6	1,224.37	6	1,495.29	6	1,766.21	6	2,037.12	6	2,308.01	6	2,578.90
1/4	146.95	1/4	417.86	1/4	688.67	1/4	959.10	1/4	1,230.02	1/4	1,500.93	1/4	1,771.85	1/4	2,042.77	1/4	2,313.65	1/4	2,584.54
1/2	152.60	1/2	423.51	1/2	694.30	1/2	964.74	1/2	1,235.66	1/2	1,506.58	1/2	1,777.49	1/2	2,048.41	1/2	2,319.30	1/2	2,590.18
3/4	158.24	3/4	429.15	3/4	699.93	3/4	970.39	3/4	1,241.30	3/4	1,512.22	3/4	1,783.14	3/4	2,054.05	3/4	2,324.94	3/4	2,595.82
7	163.89	7	434.79	7	705.55	7	976.03	7	1,246.95	7	1,517.87	7	1,788.78	7	2,059.70	7	2,330.58	7	2,601.47
1/4	169.53	1/4	440.44	1/4	711.18	1/4	981.68	1/4	1,252.59	1/4	1,523.51	1/4	1,794.43	1/4	2,065.34	1/4	2,336.23	1/4	2,607.11
1/2	175.17	1/2	446.08	1/2	716.81	1/2	987.32	1/2	1,258.24	1/2	1,529.15	1/2	1,800.07	1/2	2,070.98	1/2	2,341.87	1/2	2,612.75
3/4	180.82	3/4	451.73	3/4	722.44	3/4	992.96	3/4	1,263.88	3/4	1,534.80	3/4	1,805.71	3/4	2,076.63	3/4	2,347.51	3/4	2,618.40
8	186.46	8	457.37	8	728.07	8	998.61	8	1,269.52	8	1,540.44	8	1,811.36	8	2,082.27	8	2,353.16	8	2,624.04
1/4	192.11	1/4	463.01	1/4	733.69	1/4	1,004.25	1/4	1,275.17	1/4	1,546.09	1/4	1,817.00	1/4	2,087.91	1/4	2,358.80	1/4	2,629.68
1/2	197.75	1/2	468.66	1/2	739.32	1/2	1,009.90	1/2	1,280.81	1/2	1,551.73	1/2	1,822.65	1/2	2,093.56	1/2	2,364.44	1/2	2,635.33
3/4	203.39	3/4	474.30	3/4	744.95	3/4	1,015.54	3/4	1,286.46	3/4	1,557.37	3/4	1,828.29	3/4	2,099.20	3/4	2,370.09	3/4	2,640.97
9	209.04	9	479.94	9	750.58	9	1,021.18	9	1,292.10	9	1,563.02	9	1,833.93	9	2,104.84	9	2,375.73	9	2,646.61
1/4	214.68	1/4	485.59	1/4	756.21	1/4	1,026.83	1/4	1,297.75	1/4	1,568.66	1/4	1,839.58	1/4	2,110.49	1/4	2,381.38	1/4	2,652.25
1/2	220.33	1/2	491.23	1/2	761.83	1/2	1,032.47	1/2	1,303.39	1/2	1,574.31	1/2	1,845.22	1/2	2,116.13	1/2	2,387.02	1/2	2,657.90
3/4	225.97	3/4	496.88	3/4	767.46	3/4	1,038.12	3/4	1,309.03	3/4	1,579.95	3/4	1,850.87	3/4	2,121.77	3/4	2,392.66	3/4	2,663.54
10	231.61	10	502.52	10	773.09	10	1,043.76	10	1,314.68	10	1,585.59	10	1,856.51	10	2,127.42	10	2,398.31	10	2,669.18
1/4	237.26	1/4	508.16	1/4	778.72	1/4	1,049.40	1/4	1,320.32	1/4	1,591.24	1/4	1,862.16	1/4	2,133.06	1/4	2,403.95	1/4	2,674.83
1/2	242.90	1/2	513.81	1/2	784.35	1/2	1,055.05	1/2	1,325.97	1/2	1,596.88	1/2	1,867.80	1/2	2,138.70	1/2	2,409.59	1/2	2,680.47
3/4	248.54	3/4	519.45	3/4	789.98	3/4	1,060.69	3/4	1,331.61	3/4	1,602.53	3/4	1,873.44	3/4	2,144.35	3/4	2,415.24	3/4	2,686.11
11	254.19	11	525.10	11	795.60	11	1,066.34	11	1,337.25	11	1,608.17	11	1,879.09	11	2,149.99	11	2,420.88	11	2,691.76
1/4	259.83	1/4	530.74	1/4	801.23	1/4	1,071.98	1/4	1,342.90	1/4	1,613.81	1/4	1,884.73	1/4	2,155.64	1/4	2,426.52	1/4	2,697.40
1/2	265.48	1/2	536.38	1/2	806.86	1/2	1,077.63	1/2	1,348.54	1/2	1,619.46	1/2	1,890.38	1/2	2,161.28	1/2	2,432.17	1/2	2,703.04
3/4	271.12	3/4	542.03	3/4	812.49	3/4	1,083.27	3/4	1,354.19	3/4	1,625.10	3/4	1,896.02	3/4	2,166.92	3/4	2,437.81	3/4	2,708.68

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 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 953"

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	2,714.33	0	2,985.19	0	3,255.45	0	3,525.53	0	3,795.07	0		0		0		0		0	
1/4	2,719.97	1/4	2,990.83	1/4	3,261.08	1/4	3,531.16	1/4	3,800.06	1/4		1/4		1/4		1/4		1/4	
1/2	2,725.61	1/2	2,996.48	1/2	3,266.71	1/2	3,536.79	1/2	3,805.06	1/2		1/2		1/2		1/2		1/2	
3/4	2,731.26	3/4	3,002.12	3/4	3,272.33	3/4	3,542.41	3/4	3,810.05	3/4		3/4		3/4		3/4		3/4	
1	2,736.90	1	3,007.76	1	3,277.96	1	3,548.04	1	3,815.04	1		1		1		1		1	
1/4	2,742.54	1/4	3,013.41	1/4	3,283.59	1/4	3,553.67	1/4	3,819.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,748.19	1/2	3,019.05	1/2	3,289.21	1/2	3,559.29	1/2	3,823.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,753.83	3/4	3,024.69	3/4	3,294.84	3/4	3,564.92	3/4	3,827.36	3/4		3/4		3/4		3/4		3/4	
2	2,759.47	2	3,030.34	2	3,300.47	2	3,570.55	2	3,831.46	2		2		2		2		2	
1/4	2,765.11	1/4	3,035.97	1/4	3,306.09	1/4	3,576.17	1/4	3,834.76	1/4		1/4		1/4		1/4		1/4	
1/2	2,770.76	1/2	3,041.61	1/2	3,311.72	1/2	3,581.80	1/2	3,838.06	1/2		1/2		1/2		1/2		1/2	
3/4	2,776.40	3/4	3,047.25	3/4	3,317.35	3/4	3,587.43	3/4	3,841.36	3/4		3/4		3/4		3/4		3/4	
3	2,782.04	3	3,052.89	3	3,322.97	3	3,593.05	3	3,844.66	3		3		3		3		3	
1/4	2,787.69	1/4	3,058.52	1/4	3,328.60	1/4	3,598.68	1/4	3,847.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,793.33	1/2	3,064.14	1/2	3,334.23	1/2	3,604.31	1/2	3,849.65	1/2		1/2		1/2		1/2		1/2	
3/4	2,798.97	3/4	3,069.77	3/4	3,339.85	3/4	3,609.93	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,804.62	4	3,075.40	4	3,345.48	4	3,615.56	4		4		4		4		4		4	
1/4	2,810.26	1/4	3,081.02	1/4	3,351.11	1/4	3,621.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,815.90	1/2	3,086.65	1/2	3,356.73	1/2	3,626.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,821.54	3/4	3,092.28	3/4	3,362.36	3/4	3,632.44	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,827.19	5	3,097.90	5	3,367.99	5	3,638.07	5		5		5		5		5		5	
1/4	2,832.83	1/4	3,103.53	1/4	3,373.61	1/4	3,643.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,838.47	1/2	3,109.16	1/2	3,379.24	1/2	3,649.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,844.12	3/4	3,114.78	3/4	3,384.87	3/4	3,654.95	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,849.76	6	3,120.41	6	3,390.49	6	3,660.57	6		6		6		6		6		6	
1/4	2,855.40	1/4	3,126.04	1/4	3,396.12	1/4	3,666.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,861.05	1/2	3,131.66	1/2	3,401.75	1/2	3,671.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,866.69	3/4	3,137.29	3/4	3,407.37	3/4	3,677.45	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,872.33	7	3,142.92	7	3,413.00	7	3,683.08	7		7		7		7		7		7	
1/4	2,877.97	1/4	3,148.54	1/4	3,418.63	1/4	3,688.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,883.62	1/2	3,154.17	1/2	3,424.25	1/2	3,694.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,889.26	3/4	3,159.80	3/4	3,429.88	3/4	3,699.96	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,894.90	8	3,165.42	8	3,435.51	8	3,705.59	8		8		8		8		8		8	
1/4	2,900.55	1/4	3,171.05	1/4	3,441.13	1/4	3,711.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,906.19	1/2	3,176.68	1/2	3,446.76	1/2	3,716.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,911.83	3/4	3,182.30	3/4	3,452.39	3/4	3,722.47	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,917.48	9	3,187.93	9	3,458.01	9	3,728.09	9		9		9		9		9		9	
1/4	2,923.12	1/4	3,193.56	1/4	3,463.64	1/4	3,733.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,928.76	1/2	3,199.18	1/2	3,469.27	1/2	3,739.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,934.40	3/4	3,204.81	3/4	3,474.89	3/4	3,744.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,940.05	10	3,210.44	10	3,480.52	10	3,750.59	10		10		10		10		10		10	
1/4	2,945.69	1/4	3,216.06	1/4	3,486.15	1/4	3,756.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,951.33	1/2	3,221.69	1/2	3,491.77	1/2	3,761.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,956.98	3/4	3,227.32	3/4	3,497.40	3/4	3,767.43	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,962.62	11	3,232.95	11	3,503.03	11	3,773.04	11		11		11		11		11		11	
1/4	2,968.26	1/4	3,238.57	1/4	3,508.65	1/4	3,778.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,973.91	1/2	3,244.20	1/2	3,514.28	1/2	3,784.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,979.55	3/4	3,249.83	3/4	3,519.91	3/4	3,789.56	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
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "MPC 953"

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	15.19	0	276.94	0	548.02	0	817.57	0	1,087.83	0	1,358.90	0	1,629.97	0	1,901.04	0	2,172.10	0	2,443.14
1/4	19.07	1/4	282.59	1/4	553.67	1/4	823.17	1/4	1,093.48	1/4	1,364.55	1/4	1,635.62	1/4	1,906.69	1/4	2,177.75	1/4	2,448.79
1/2	22.95	1/2	288.24	1/2	559.32	1/2	828.76	1/2	1,099.12	1/2	1,370.19	1/2	1,641.27	1/2	1,912.34	1/2	2,183.39	1/2	2,454.44
3/4	26.84	3/4	293.88	3/4	564.96	3/4	834.36	3/4	1,104.77	3/4	1,375.84	3/4	1,646.91	3/4	1,917.98	3/4	2,189.04	3/4	2,460.08
1	30.72	1	299.53	1	570.61	1	839.96	1	1,110.42	1	1,381.49	1	1,652.56	1	1,923.63	1	2,194.69	1	2,465.73
1/4	35.83	1/4	305.18	1/4	576.26	1/4	845.56	1/4	1,116.07	1/4	1,387.14	1/4	1,658.21	1/4	1,929.28	1/4	2,200.34	1/4	2,471.38
1/2	40.94	1/2	310.83	1/2	581.91	1/2	851.16	1/2	1,121.71	1/2	1,392.78	1/2	1,663.85	1/2	1,934.92	1/2	2,205.98	1/2	2,477.02
3/4	46.05	3/4	316.47	3/4	587.55	3/4	856.76	3/4	1,127.36	3/4	1,398.43	3/4	1,669.50	3/4	1,940.57	3/4	2,211.63	3/4	2,482.67
2	51.16	2	322.12	2	593.20	2	862.37	2	1,133.01	2	1,404.08	2	1,675.15	2	1,946.22	2	2,217.28	2	2,488.32
1/4	56.79	1/4	327.77	1/4	598.85	1/4	867.97	1/4	1,138.66	1/4	1,409.73	1/4	1,680.80	1/4	1,951.87	1/4	2,222.92	1/4	2,493.96
1/2	62.41	1/2	333.42	1/2	604.50	1/2	873.57	1/2	1,144.30	1/2	1,415.37	1/2	1,686.44	1/2	1,957.51	1/2	2,228.57	1/2	2,499.61
3/4	68.04	3/4	339.06	3/4	610.14	3/4	879.18	3/4	1,149.95	3/4	1,421.02	3/4	1,692.09	3/4	1,963.16	3/4	2,234.22	3/4	2,505.26
3	73.66	3	344.71	3	615.79	3	884.78	3	1,155.60	3	1,426.67	3	1,697.74	3	1,968.81	3	2,239.86	3	2,510.90
1/4	79.30	1/4	350.36	1/4	621.44	1/4	890.39	1/4	1,161.24	1/4	1,432.32	1/4	1,703.39	1/4	1,974.46	1/4	2,245.51	1/4	2,516.55
1/2	84.94	1/2	356.01	1/2	627.09	1/2	896.00	1/2	1,166.89	1/2	1,437.96	1/2	1,709.03	1/2	1,980.10	1/2	2,251.16	1/2	2,522.20
3/4	90.58	3/4	361.65	3/4	632.73	3/4	901.61	3/4	1,172.54	3/4	1,443.61	3/4	1,714.68	3/4	1,985.75	3/4	2,256.80	3/4	2,527.85
4	96.22	4	367.30	4	638.38	4	907.23	4	1,178.19	4	1,449.26	4	1,720.33	4	1,991.40	4	2,262.45	4	2,533.49
1/4	101.87	1/4	372.95	1/4	644.02	1/4	912.85	1/4	1,183.83	1/4	1,454.90	1/4	1,725.97	1/4	1,997.05	1/4	2,268.10	1/4	2,539.14
1/2	107.52	1/2	378.60	1/2	649.65	1/2	918.47	1/2	1,189.48	1/2	1,460.55	1/2	1,731.62	1/2	2,002.69	1/2	2,273.74	1/2	2,544.79
3/4	113.16	3/4	384.24	3/4	655.28	3/4	924.09	3/4	1,195.13	3/4	1,466.20	3/4	1,737.27	3/4	2,008.34	3/4	2,279.39	3/4	2,550.43
5	118.81	5	389.89	5	660.92	5	929.71	5	1,200.78	5	1,471.85	5	1,742.92	5	2,013.99	5	2,285.04	5	2,556.08
1/4	124.46	1/4	395.54	1/4	666.51	1/4	935.35	1/4	1,206.42	1/4	1,477.49	1/4	1,748.56	1/4	2,019.63	1/4	2,290.68	1/4	2,561.72
1/2	130.11	1/2	401.19	1/2	672.11	1/2	941.00	1/2	1,212.07	1/2	1,483.14	1/2	1,754.21	1/2	2,025.28	1/2	2,296.33	1/2	2,567.37
3/4	135.75	3/4	406.83	3/4	677.70	3/4	946.65	3/4	1,217.72	3/4	1,488.79	3/4	1,759.86	3/4	2,030.93	3/4	2,301.98	3/4	2,573.02
6	141.40	6	412.48	6	683.30	6	952.29	6	1,223.37	6	1,494.44	6	1,765.51	6	2,036.58	6	2,307.62	6	2,578.66
1/4	147.05	1/4	418.13	1/4	688.89	1/4	957.94	1/4	1,229.01	1/4	1,500.08	1/4	1,771.15	1/4	2,042.22	1/4	2,313.27	1/4	2,584.31
1/2	152.70	1/2	423.78	1/2	694.49	1/2	963.59	1/2	1,234.66	1/2	1,505.73	1/2	1,776.80	1/2	2,047.87	1/2	2,318.92	1/2	2,589.96
3/4	158.34	3/4	429.42	3/4	700.08	3/4	969.24	3/4	1,240.31	3/4	1,511.38	3/4	1,782.45	3/4	2,053.52	3/4	2,324.56	3/4	2,595.60
7	163.99	7	435.07	7	705.68	7	974.88	7	1,245.95	7	1,517.02	7	1,788.10	7	2,059.17	7	2,330.21	7	2,601.25
1/4	169.64	1/4	440.72	1/4	711.27	1/4	980.53	1/4	1,251.60	1/4	1,522.67	1/4	1,793.74	1/4	2,064.81	1/4	2,335.86	1/4	2,606.89
1/2	175.29	1/2	446.37	1/2	716.86	1/2	986.18	1/2	1,257.25	1/2	1,528.32	1/2	1,799.39	1/2	2,070.46	1/2	2,341.50	1/2	2,612.54
3/4	180.93	3/4	452.01	3/4	722.46	3/4	991.83	3/4	1,262.90	3/4	1,533.97	3/4	1,805.04	3/4	2,076.11	3/4	2,347.15	3/4	2,618.19
8	186.58	8	457.66	8	728.05	8	997.47	8	1,268.54	8	1,539.61	8	1,810.68	8	2,081.75	8	2,352.80	8	2,623.83
1/4	192.23	1/4	463.31	1/4	733.65	1/4	1,003.12	1/4	1,274.19	1/4	1,545.26	1/4	1,816.33	1/4	2,087.40	1/4	2,358.44	1/4	2,629.48
1/2	197.88	1/2	468.96	1/2	739.24	1/2	1,008.77	1/2	1,279.84	1/2	1,550.91	1/2	1,821.98	1/2	2,093.05	1/2	2,364.09	1/2	2,635.13
3/4	203.52	3/4	474.60	3/4	744.84	3/4	1,014.42	3/4	1,285.49	3/4	1,556.56	3/4	1,827.63	3/4	2,098.69	3/4	2,369.74	3/4	2,640.77
9	209.17	9	480.25	9	750.43	9	1,020.06	9	1,291.13	9	1,562.20	9	1,833.27	9	2,104.34	9	2,375.38	9	2,646.42
1/4	214.82	1/4	485.90	1/4	756.03	1/4	1,025.71	1/4	1,296.78	1/4	1,567.85	1/4	1,838.92	1/4	2,109.99	1/4	2,381.03	1/4	2,652.06
1/2	220.47	1/2	491.55	1/2	761.62	1/2	1,031.36	1/2	1,302.43	1/2	1,573.50	1/2	1,844.57	1/2	2,115.63	1/2	2,386.68	1/2	2,657.71
3/4	226.11	3/4	497.19	3/4	767.22	3/4	1,037.00	3/4	1,308.07	3/4	1,579.15	3/4	1,850.22	3/4	2,121.28	3/4	2,392.32	3/4	2,663.36
10	231.76	10	502.84	10	772.81	10	1,042.65	10	1,313.72	10	1,584.79	10	1,855.86	10	2,126.93	10	2,397.97	10	2,669.00
1/4	237.41	1/4	508.49	1/4	778.41	1/4	1,048.30	1/4	1,319.37	1/4	1,590.44	1/4	1,861.51	1/4	2,132.57	1/4	2,403.62	1/4	2,674.65
1/2	243.06	1/2	514.14	1/2	784.00	1/2	1,053.95	1/2	1,325.02	1/2	1,596.09	1/2	1,867.16	1/2	2,138.22	1/2	2,409.26	1/2	2,680.29
3/4	248.70	3/4	519.78	3/4	789.60	3/4	1,059.59	3/4	1,330.66	3/4	1,601.73	3/4	1,872.80	3/4	2,143.87	3/4	2,414.91	3/4	2,685.94
11	254.35	11	525.43	11	795.19	11	1,065.24	11	1,336.31	11	1,607.38	11	1,878.45	11	2,149.51	11	2,420.56	11	2,691.59
1/4	260.00	1/4	531.08	1/4	800.79	1/4	1,070.89	1/4	1,341.96	1/4	1,613.03	1/4	1,884.10	1/4	2,155.16	1/4	2,426.20	1/4	2,697.23
1/2	265.65	1/2	536.73	1/2	806.38	1/2	1,076.54	1/2	1,347.61	1/2	1,618.68	1/2	1,889.75	1/2	2,160.81	1/2	2,431.85	1/2	2,702.88
3/4	271.29	3/4	542.37	3/4	811.98	3/4	1,082.18	3/4	1,353.25	3/4	1,624.32	3/4	1,895.39	3/4	2,166.45	3/4	2,437.50	3/4	2,708.53

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 30'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MPC 953"

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	2,714.17	0	2,985.19	0	3,255.61	0	3,525.84	0	3,795.53	0		0		0		0		0	
1/4	2,719.82	1/4	2,990.84	1/4	3,261.24	1/4	3,531.47	1/4	3,800.53	1/4		1/4		1/4		1/4		1/4	
1/2	2,725.46	1/2	2,996.48	1/2	3,266.87	1/2	3,537.10	1/2	3,805.53	1/2		1/2		1/2		1/2		1/2	
3/4	2,731.11	3/4	3,002.13	3/4	3,272.50	3/4	3,542.73	3/4	3,810.52	3/4		3/4		3/4		3/4		3/4	
1	2,736.76	1	3,007.77	1	3,278.13	1	3,548.36	1	3,815.52	1		1		1		1		1	
1/4	2,742.40	1/4	3,013.42	1/4	3,283.76	1/4	3,553.99	1/4	3,819.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,748.05	1/2	3,019.07	1/2	3,289.39	1/2	3,559.62	1/2	3,823.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,753.70	3/4	3,024.71	3/4	3,295.02	3/4	3,565.25	3/4	3,827.84	3/4		3/4		3/4		3/4		3/4	
2	2,759.34	2	3,030.36	2	3,300.65	2	3,570.88	2	3,831.95	2		2		2		2		2	
1/4	2,764.99	1/4	3,036.00	1/4	3,306.28	1/4	3,576.51	1/4	3,835.25	1/4		1/4		1/4		1/4		1/4	
1/2	2,770.63	1/2	3,041.64	1/2	3,311.91	1/2	3,582.14	1/2	3,838.55	1/2		1/2		1/2		1/2		1/2	
3/4	2,776.28	3/4	3,047.29	3/4	3,317.54	3/4	3,587.77	3/4	3,841.85	3/4		3/4		3/4		3/4		3/4	
3	2,781.93	3	3,052.93	3	3,323.17	3	3,593.40	3	3,845.15	3		3		3		3		3	
1/4	2,787.57	1/4	3,058.56	1/4	3,328.80	1/4	3,599.03	1/4	3,847.64	1/4		1/4		1/4		1/4		1/4	
1/2	2,793.22	1/2	3,064.19	1/2	3,334.42	1/2	3,604.66	1/2	3,850.14	1/2		1/2		1/2		1/2		1/2	
3/4	2,798.86	3/4	3,069.82	3/4	3,340.05	3/4	3,610.29	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,804.51	4	3,075.45	4	3,345.68	4	3,615.92	4		4		4		4		4		4	
1/4	2,810.16	1/4	3,081.08	1/4	3,351.31	1/4	3,621.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,815.80	1/2	3,086.71	1/2	3,356.94	1/2	3,627.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,821.45	3/4	3,092.34	3/4	3,362.57	3/4	3,632.81	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,827.10	5	3,097.97	5	3,368.20	5	3,638.44	5		5		5		5		5		5	
1/4	2,832.74	1/4	3,103.60	1/4	3,373.83	1/4	3,644.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,838.39	1/2	3,109.23	1/2	3,379.46	1/2	3,649.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,844.03	3/4	3,114.86	3/4	3,385.09	3/4	3,655.33	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,849.68	6	3,120.49	6	3,390.72	6	3,660.96	6		6		6		6		6		6	
1/4	2,855.33	1/4	3,126.12	1/4	3,396.35	1/4	3,666.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,860.97	1/2	3,131.75	1/2	3,401.98	1/2	3,672.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,866.62	3/4	3,137.38	3/4	3,407.61	3/4	3,677.85	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,872.27	7	3,143.01	7	3,413.24	7	3,683.48	7		7		7		7		7		7	
1/4	2,877.91	1/4	3,148.64	1/4	3,418.87	1/4	3,689.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,883.56	1/2	3,154.27	1/2	3,424.50	1/2	3,694.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,889.20	3/4	3,159.90	3/4	3,430.13	3/4	3,700.37	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,894.85	8	3,165.53	8	3,435.76	8	3,706.00	8		8		8		8		8		8	
1/4	2,900.50	1/4	3,171.16	1/4	3,441.39	1/4	3,711.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,906.14	1/2	3,176.79	1/2	3,447.02	1/2	3,717.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,911.79	3/4	3,182.42	3/4	3,452.65	3/4	3,722.89	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,917.44	9	3,188.05	9	3,458.28	9	3,728.52	9		9		9		9		9		9	
1/4	2,923.08	1/4	3,193.68	1/4	3,463.91	1/4	3,734.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,928.73	1/2	3,199.31	1/2	3,469.54	1/2	3,739.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,934.37	3/4	3,204.94	3/4	3,475.17	3/4	3,745.40	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,940.02	10	3,210.57	10	3,480.80	10	3,751.03	10		10		10		10		10		10	
1/4	2,945.67	1/4	3,216.20	1/4	3,486.43	1/4	3,756.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,951.31	1/2	3,221.83	1/2	3,492.06	1/2	3,762.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,956.96	3/4	3,227.46	3/4	3,497.69	3/4	3,767.88	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,962.60	11	3,233.09	11	3,503.32	11	3,773.50	11		11		11		11		11		11	
1/4	2,968.25	1/4	3,238.72	1/4	3,508.95	1/4	3,779.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,973.90	1/2	3,244.35	1/2	3,514.58	1/2	3,784.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,979.54	3/4	3,249.98	3/4	3,520.21	3/4	3,790.02	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 953"

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	280.58	0	555.22	0	829.40	0	1,103.93	0	1,378.59	0	1,653.24	0	1,927.80	0	2,202.18	0	2,476.54
1/4	19.32	1/4	286.30	1/4	560.94	1/4	835.11	1/4	1,109.66	1/4	1,384.31	1/4	1,658.96	1/4	1,933.52	1/4	2,207.90	1/4	2,482.26
1/2	23.25	1/2	292.02	1/2	566.66	1/2	840.82	1/2	1,115.38	1/2	1,390.03	1/2	1,664.68	1/2	1,939.23	1/2	2,213.61	1/2	2,487.98
3/4	27.19	3/4	297.74	3/4	572.38	3/4	846.52	3/4	1,121.10	3/4	1,395.75	3/4	1,670.40	3/4	1,944.95	3/4	2,219.33	3/4	2,493.69
1	31.12	1	303.46	1	578.10	1	852.23	1	1,126.82	1	1,401.47	1	1,676.12	1	1,950.67	1	2,225.05	1	2,499.41
1/4	36.30	1/4	309.18	1/4	583.83	1/4	857.95	1/4	1,132.54	1/4	1,407.20	1/4	1,681.85	1/4	1,956.38	1/4	2,230.76	1/4	2,505.12
1/2	41.47	1/2	314.91	1/2	589.55	1/2	863.66	1/2	1,138.27	1/2	1,412.92	1/2	1,687.57	1/2	1,962.10	1/2	2,236.48	1/2	2,510.84
3/4	46.65	3/4	320.63	3/4	595.27	3/4	869.37	3/4	1,143.99	3/4	1,418.64	3/4	1,693.29	3/4	1,967.82	3/4	2,242.19	3/4	2,516.56
2	51.83	2	326.35	2	600.99	2	875.08	2	1,149.71	2	1,424.36	2	1,699.01	2	1,973.53	2	2,247.91	2	2,522.27
1/4	57.53	1/4	332.07	1/4	606.71	1/4	880.80	1/4	1,155.43	1/4	1,430.08	1/4	1,704.73	1/4	1,979.25	1/4	2,253.62	1/4	2,527.99
1/2	63.23	1/2	337.79	1/2	612.44	1/2	886.52	1/2	1,161.15	1/2	1,435.80	1/2	1,710.46	1/2	1,984.97	1/2	2,259.34	1/2	2,533.70
3/4	68.92	3/4	343.52	3/4	618.16	3/4	892.23	3/4	1,166.88	3/4	1,441.53	3/4	1,716.18	3/4	1,990.68	3/4	2,265.06	3/4	2,539.42
3	74.62	3	349.24	3	623.88	3	897.95	3	1,172.60	3	1,447.25	3	1,721.90	3	1,996.40	3	2,270.77	3	2,545.14
1/4	80.34	1/4	354.96	1/4	629.60	1/4	903.67	1/4	1,178.32	1/4	1,452.97	1/4	1,727.62	1/4	2,002.11	1/4	2,276.49	1/4	2,550.85
1/2	86.05	1/2	360.68	1/2	635.32	1/2	909.39	1/2	1,184.04	1/2	1,458.69	1/2	1,733.34	1/2	2,007.83	1/2	2,282.20	1/2	2,556.57
3/4	91.77	3/4	366.40	3/4	641.04	3/4	915.11	3/4	1,189.76	3/4	1,464.41	3/4	1,739.07	3/4	2,013.55	3/4	2,287.92	3/4	2,562.29
4	97.49	4	372.12	4	646.77	4	920.83	4	1,195.48	4	1,470.14	4	1,744.79	4	2,019.26	4	2,293.64	4	2,568.00
1/4	103.21	1/4	377.85	1/4	652.48	1/4	926.56	1/4	1,201.21	1/4	1,475.86	1/4	1,750.51	1/4	2,024.98	1/4	2,299.35	1/4	2,573.72
1/2	108.93	1/2	383.57	1/2	658.20	1/2	932.28	1/2	1,206.93	1/2	1,481.58	1/2	1,756.23	1/2	2,030.70	1/2	2,305.07	1/2	2,579.43
3/4	114.65	3/4	389.29	3/4	663.92	3/4	938.00	3/4	1,212.65	3/4	1,487.30	3/4	1,761.95	3/4	2,036.41	3/4	2,310.78	3/4	2,585.15
5	120.37	5	395.01	5	669.64	5	943.72	5	1,218.37	5	1,493.02	5	1,767.67	5	2,042.13	5	2,316.50	5	2,590.86
1/4	126.09	1/4	400.73	1/4	675.34	1/4	949.44	1/4	1,224.09	1/4	1,498.75	1/4	1,773.40	1/4	2,047.85	1/4	2,322.22	1/4	2,596.57
1/2	131.81	1/2	406.45	1/2	681.05	1/2	955.17	1/2	1,229.82	1/2	1,504.47	1/2	1,779.12	1/2	2,053.56	1/2	2,327.93	1/2	2,602.28
3/4	137.53	3/4	412.18	3/4	686.75	3/4	960.89	3/4	1,235.54	3/4	1,510.19	3/4	1,784.84	3/4	2,059.28	3/4	2,333.65	3/4	2,607.98
6	143.26	6	417.90	6	692.46	6	966.61	6	1,241.26	6	1,515.91	6	1,790.56	6	2,065.00	6	2,339.36	6	2,613.69
1/4	148.98	1/4	423.62	1/4	698.17	1/4	972.33	1/4	1,246.98	1/4	1,521.63	1/4	1,796.28	1/4	2,070.71	1/4	2,345.08	1/4	2,619.37
1/2	154.70	1/2	429.34	1/2	703.87	1/2	978.05	1/2	1,252.70	1/2	1,527.36	1/2	1,802.01	1/2	2,076.43	1/2	2,350.80	1/2	2,625.05
3/4	160.42	3/4	435.06	3/4	709.58	3/4	983.77	3/4	1,258.43	3/4	1,533.08	3/4	1,807.73	3/4	2,082.15	3/4	2,356.51	3/4	2,630.74
7	166.14	7	440.78	7	715.28	7	989.50	7	1,264.15	7	1,538.80	7	1,813.45	7	2,087.86	7	2,362.23	7	2,636.42
1/4	171.86	1/4	446.51	1/4	720.99	1/4	995.22	1/4	1,269.87	1/4	1,544.52	1/4	1,819.17	1/4	2,093.58	1/4	2,367.94	1/4	2,642.10
1/2	177.59	1/2	452.23	1/2	726.70	1/2	1,000.94	1/2	1,275.59	1/2	1,550.24	1/2	1,824.89	1/2	2,099.29	1/2	2,373.66	1/2	2,647.78
3/4	183.31	3/4	457.95	3/4	732.40	3/4	1,006.66	3/4	1,281.31	3/4	1,555.96	3/4	1,830.61	3/4	2,105.01	3/4	2,379.37	3/4	2,653.46
8	189.03	8	463.67	8	738.11	8	1,012.38	8	1,287.04	8	1,561.69	8	1,836.34	8	2,110.73	8	2,385.09	8	2,659.14
1/4	194.75	1/4	469.39	1/4	743.81	1/4	1,018.11	1/4	1,292.76	1/4	1,567.41	1/4	1,842.05	1/4	2,116.44	1/4	2,390.81	1/4	2,664.82
1/2	200.47	1/2	475.11	1/2	749.52	1/2	1,023.83	1/2	1,298.48	1/2	1,573.13	1/2	1,847.77	1/2	2,122.16	1/2	2,396.52	1/2	2,670.50
3/4	206.19	3/4	480.84	3/4	755.22	3/4	1,029.55	3/4	1,304.20	3/4	1,578.85	3/4	1,853.49	3/4	2,127.87	3/4	2,402.24	3/4	2,676.19
9	211.92	9	486.56	9	760.93	9	1,035.27	9	1,309.92	9	1,584.57	9	1,859.20	9	2,133.59	9	2,407.95	9	2,681.87
1/4	217.64	1/4	492.28	1/4	766.64	1/4	1,040.99	1/4	1,315.64	1/4	1,590.30	1/4	1,864.92	1/4	2,139.31	1/4	2,413.67	1/4	2,687.55
1/2	223.36	1/2	498.00	1/2	772.34	1/2	1,046.72	1/2	1,321.37	1/2	1,596.02	1/2	1,870.64	1/2	2,145.02	1/2	2,419.39	1/2	2,693.23
3/4	229.08	3/4	503.72	3/4	778.05	3/4	1,052.44	3/4	1,327.09	3/4	1,601.74	3/4	1,876.35	3/4	2,150.74	3/4	2,425.10	3/4	2,698.91
10	234.80	10	509.44	10	783.75	10	1,058.16	10	1,332.81	10	1,607.46	10	1,882.07	10	2,156.45	10	2,430.82	10	2,704.59
1/4	240.52	1/4	515.17	1/4	789.46	1/4	1,063.88	1/4	1,338.53	1/4	1,613.18	1/4	1,887.78	1/4	2,162.17	1/4	2,436.53	1/4	2,710.27
1/2	246.25	1/2	520.89	1/2	795.17	1/2	1,069.60	1/2	1,344.25	1/2	1,618.91	1/2	1,893.50	1/2	2,167.89	1/2	2,442.25	1/2	2,715.95
3/4	251.97	3/4	526.61	3/4	800.87	3/4	1,075.32	3/4	1,349.98	3/4	1,624.63	3/4	1,899.22	3/4	2,173.60	3/4	2,447.97	3/4	2,721.64
11	257.69	11	532.33	11	806.58	11	1,081.05	11	1,355.70	11	1,630.35	11	1,904.93	11	2,179.32	11	2,453.68	11	2,727.32
1/4	263.41	1/4	538.05	1/4	812.28	1/4	1,086.77	1/4	1,361.42	1/4	1,636.07	1/4	1,910.65	1/4	2,185.03	1/4	2,459.40	1/4	2,732.58
1/2	269.13	1/2	543.77	1/2	817.99	1/2	1,092.49	1/2	1,367.14	1/2	1,641.79	1/2	1,916.37	1/2	2,190.75	1/2	2,465.11	1/2	2,737.84
3/4	274.85	3/4	549.50	3/4	823.70	3/4	1,098.21	3/4	1,372.86	3/4	1,647.51	3/4	1,922.08	3/4	2,196.47	3/4	2,470.83	3/4	2,743.10

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 953"

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	2,748.36	0	2,940.11	0	3,127.16	0	3,313.81	0	3,499.90	0		0		0		0		0	
1/4	2,752.35	1/4	2,944.08	1/4	3,131.05	1/4	3,317.70	1/4	3,503.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,756.34	1/2	2,948.05	1/2	3,134.94	1/2	3,321.59	1/2	3,506.41	1/2		1/2		1/2		1/2		1/2	
3/4	2,760.34	3/4	2,952.02	3/4	3,138.83	3/4	3,325.47	3/4	3,509.66	3/4		3/4		3/4		3/4		3/4	
1	2,764.33	1	2,955.99	1	3,142.71	1	3,329.36	1	3,512.92	1		1		1		1		1	
1/4	2,768.33	1/4	2,959.89	1/4	3,146.60	1/4	3,333.25	1/4	3,515.30	1/4		1/4		1/4		1/4		1/4	
1/2	2,772.32	1/2	2,963.79	1/2	3,150.49	1/2	3,337.14	1/2	3,517.68	1/2		1/2		1/2		1/2		1/2	
3/4	2,776.32	3/4	2,967.69	3/4	3,154.38	3/4	3,341.03	3/4	3,520.06	3/4		3/4		3/4		3/4		3/4	
2	2,780.31	2	2,971.59	2	3,158.27	2	3,344.92	2	3,522.44	2		2		2		2		2	
1/4	2,784.31	1/4	2,975.48	1/4	3,162.16	1/4	3,348.80	1/4	3,524.01	1/4		1/4		1/4		1/4		1/4	
1/2	2,788.30	1/2	2,979.38	1/2	3,166.05	1/2	3,352.69	1/2	3,525.57	1/2		1/2		1/2		1/2		1/2	
3/4	2,792.30	3/4	2,983.28	3/4	3,169.93	3/4	3,356.58	3/4	3,527.13	3/4		3/4		3/4		3/4		3/4	
3	2,796.29	3	2,987.17	3	3,173.82	3	3,360.47	3	3,528.70	3		3		3		3		3	
1/4	2,800.29	1/4	2,991.06	1/4	3,177.71	1/4	3,364.36	1/4	3,529.44	1/4		1/4		1/4		1/4		1/4	
1/2	2,804.28	1/2	2,994.95	1/2	3,181.60	1/2	3,368.25	1/2	3,530.19	1/2		1/2		1/2		1/2		1/2	
3/4	2,808.28	3/4	2,998.84	3/4	3,185.49	3/4	3,372.14	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,812.27	4	3,002.73	4	3,189.38	4	3,376.02	4		4		4		4		4		4	
1/4	2,816.27	1/4	3,006.62	1/4	3,193.26	1/4	3,379.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,820.26	1/2	3,010.51	1/2	3,197.15	1/2	3,383.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,824.26	3/4	3,014.39	3/4	3,201.04	3/4	3,387.69	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,828.25	5	3,018.28	5	3,204.93	5	3,391.58	5		5		5		5		5		5	
1/4	2,832.25	1/4	3,022.17	1/4	3,208.82	1/4	3,395.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,836.24	1/2	3,026.06	1/2	3,212.71	1/2	3,399.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,840.24	3/4	3,029.95	3/4	3,216.60	3/4	3,403.24	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,844.23	6	3,033.84	6	3,220.48	6	3,407.13	6		6		6		6		6		6	
1/4	2,848.23	1/4	3,037.72	1/4	3,224.37	1/4	3,411.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,852.22	1/2	3,041.61	1/2	3,228.26	1/2	3,414.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,856.21	3/4	3,045.50	3/4	3,232.15	3/4	3,418.80	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,860.21	7	3,049.39	7	3,236.04	7	3,422.69	7		7		7		7		7		7	
1/4	2,864.20	1/4	3,053.28	1/4	3,239.93	1/4	3,426.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,868.20	1/2	3,057.17	1/2	3,243.82	1/2	3,430.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,872.19	3/4	3,061.06	3/4	3,247.70	3/4	3,434.35	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,876.19	8	3,064.94	8	3,251.59	8	3,438.24	8		8		8		8		8		8	
1/4	2,880.18	1/4	3,068.83	1/4	3,255.48	1/4	3,442.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,884.18	1/2	3,072.72	1/2	3,259.37	1/2	3,446.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,888.17	3/4	3,076.61	3/4	3,263.26	3/4	3,449.90	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,892.17	9	3,080.50	9	3,267.15	9	3,453.79	9		9		9		9		9		9	
1/4	2,896.16	1/4	3,084.39	1/4	3,271.03	1/4	3,457.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,900.16	1/2	3,088.28	1/2	3,274.92	1/2	3,461.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,904.15	3/4	3,092.16	3/4	3,278.81	3/4	3,465.44	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,908.15	10	3,096.05	10	3,282.70	10	3,469.33	10		10		10		10		10		10	
1/4	2,912.14	1/4	3,099.94	1/4	3,286.59	1/4	3,473.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,916.14	1/2	3,103.83	1/2	3,290.48	1/2	3,477.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,920.13	3/4	3,107.72	3/4	3,294.37	3/4	3,480.96	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,924.13	11	3,111.61	11	3,298.25	11	3,484.83	11		11		11		11		11		11	
1/4	2,928.12	1/4	3,115.49	1/4	3,302.14	1/4	3,488.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,932.12	1/2	3,119.38	1/2	3,306.03	1/2	3,492.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,936.11	3/4	3,123.27	3/4	3,309.92	3/4	3,496.13	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
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "MPC 953"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

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	15.27	0	279.69	0	553.59	0	819.62	0	1,088.47	0	1,362.00	0	1,635.57	0	1,909.23	0	2,182.72	0	2,456.19
1/4	19.19	1/4	285.40	1/4	559.29	1/4	825.06	1/4	1,094.17	1/4	1,367.69	1/4	1,641.27	1/4	1,914.93	1/4	2,188.42	1/4	2,461.89
1/2	23.11	1/2	291.10	1/2	565.00	1/2	830.49	1/2	1,099.87	1/2	1,373.38	1/2	1,646.97	1/2	1,920.63	1/2	2,194.11	1/2	2,467.58
3/4	27.03	3/4	296.81	3/4	570.71	3/4	835.93	3/4	1,105.57	3/4	1,379.08	3/4	1,652.68	3/4	1,926.32	3/4	2,199.81	3/4	2,473.28
1	30.95	1	302.51	1	576.41	1	841.37	1	1,111.27	1	1,384.77	1	1,658.38	1	1,932.02	1	2,205.51	1	2,478.98
1/4	36.11	1/4	308.22	1/4	582.12	1/4	846.81	1/4	1,116.97	1/4	1,390.47	1/4	1,664.08	1/4	1,937.72	1/4	2,211.21	1/4	2,484.68
1/2	41.27	1/2	313.92	1/2	587.82	1/2	852.25	1/2	1,122.67	1/2	1,396.16	1/2	1,669.79	1/2	1,943.42	1/2	2,216.90	1/2	2,490.37
3/4	46.43	3/4	319.63	3/4	593.53	3/4	857.69	3/4	1,128.37	3/4	1,401.85	3/4	1,675.49	3/4	1,949.12	3/4	2,222.60	3/4	2,496.07
2	51.60	2	325.33	2	599.24	2	863.13	2	1,134.07	2	1,407.55	2	1,681.19	2	1,954.81	2	2,228.30	2	2,501.77
1/4	57.28	1/4	331.04	1/4	604.94	1/4	868.58	1/4	1,139.77	1/4	1,413.24	1/4	1,686.90	1/4	1,960.51	1/4	2,233.99	1/4	2,507.46
1/2	62.96	1/2	336.75	1/2	610.65	1/2	874.03	1/2	1,145.47	1/2	1,418.94	1/2	1,692.60	1/2	1,966.21	1/2	2,239.69	1/2	2,513.16
3/4	68.65	3/4	342.45	3/4	616.36	3/4	879.48	3/4	1,151.17	3/4	1,424.63	3/4	1,698.30	3/4	1,971.91	3/4	2,245.39	3/4	2,518.86
3	74.33	3	348.16	3	622.06	3	884.92	3	1,156.87	3	1,430.33	3	1,704.01	3	1,977.60	3	2,251.09	3	2,524.56
1/4	80.03	1/4	353.87	1/4	627.77	1/4	890.39	1/4	1,162.57	1/4	1,436.03	1/4	1,709.71	1/4	1,983.30	1/4	2,256.78	1/4	2,530.25
1/2	85.73	1/2	359.57	1/2	633.47	1/2	895.85	1/2	1,168.27	1/2	1,441.73	1/2	1,715.41	1/2	1,989.00	1/2	2,262.48	1/2	2,535.95
3/4	91.43	3/4	365.28	3/4	639.18	3/4	901.31	3/4	1,173.97	3/4	1,447.42	3/4	1,721.11	3/4	1,994.70	3/4	2,268.18	3/4	2,541.65
4	97.13	4	370.99	4	644.89	4	906.78	4	1,179.67	4	1,453.12	4	1,726.82	4	2,000.40	4	2,273.88	4	2,547.34
1/4	102.83	1/4	376.69	1/4	650.53	1/4	912.30	1/4	1,185.37	1/4	1,458.82	1/4	1,732.52	1/4	2,006.09	1/4	2,279.57	1/4	2,553.04
1/2	108.54	1/2	382.40	1/2	656.16	1/2	917.82	1/2	1,191.07	1/2	1,464.52	1/2	1,738.22	1/2	2,011.79	1/2	2,285.27	1/2	2,558.74
3/4	114.25	3/4	388.10	3/4	661.80	3/4	923.35	3/4	1,196.77	3/4	1,470.22	3/4	1,743.93	3/4	2,017.49	3/4	2,290.97	3/4	2,564.43
5	119.95	5	393.81	5	667.44	5	928.87	5	1,202.47	5	1,475.92	5	1,749.63	5	2,023.19	5	2,296.66	5	2,570.13
1/4	125.66	1/4	399.52	1/4	672.88	1/4	934.57	1/4	1,208.17	1/4	1,481.62	1/4	1,755.33	1/4	2,028.89	1/4	2,302.36	1/4	2,575.82
1/2	131.36	1/2	405.22	1/2	678.31	1/2	940.27	1/2	1,213.87	1/2	1,487.32	1/2	1,761.04	1/2	2,034.58	1/2	2,308.06	1/2	2,581.51
3/4	137.07	3/4	410.93	3/4	683.75	3/4	945.97	3/4	1,219.57	3/4	1,493.02	3/4	1,766.74	3/4	2,040.28	3/4	2,313.76	3/4	2,587.20
6	142.77	6	416.64	6	689.18	6	951.67	6	1,225.27	6	1,498.72	6	1,772.44	6	2,045.98	6	2,319.45	6	2,592.88
1/4	148.48	1/4	422.34	1/4	694.62	1/4	957.37	1/4	1,230.97	1/4	1,504.42	1/4	1,778.15	1/4	2,051.68	1/4	2,325.15	1/4	2,598.55
1/2	154.18	1/2	428.05	1/2	700.05	1/2	963.07	1/2	1,236.67	1/2	1,510.12	1/2	1,783.85	1/2	2,057.37	1/2	2,330.85	1/2	2,604.21
3/4	159.89	3/4	433.75	3/4	705.49	3/4	968.77	3/4	1,242.37	3/4	1,515.82	3/4	1,789.55	3/4	2,063.07	3/4	2,336.55	3/4	2,609.87
7	165.59	7	439.46	7	710.92	7	974.47	7	1,248.07	7	1,521.51	7	1,795.26	7	2,068.77	7	2,342.24	7	2,615.53
1/4	171.30	1/4	445.17	1/4	716.36	1/4	980.17	1/4	1,253.77	1/4	1,527.21	1/4	1,800.96	1/4	2,074.47	1/4	2,347.94	1/4	2,621.20
1/2	177.00	1/2	450.87	1/2	721.79	1/2	985.87	1/2	1,259.47	1/2	1,532.91	1/2	1,806.66	1/2	2,080.17	1/2	2,353.64	1/2	2,626.86
3/4	182.71	3/4	456.58	3/4	727.23	3/4	991.57	3/4	1,265.17	3/4	1,538.62	3/4	1,812.36	3/4	2,085.86	3/4	2,359.33	3/4	2,632.52
8	188.41	8	462.29	8	732.66	8	997.27	8	1,270.87	8	1,544.32	8	1,818.07	8	2,091.56	8	2,365.03	8	2,638.19
1/4	194.12	1/4	467.99	1/4	738.10	1/4	1,002.97	1/4	1,276.57	1/4	1,550.02	1/4	1,823.76	1/4	2,097.26	1/4	2,370.73	1/4	2,643.85
1/2	199.82	1/2	473.70	1/2	743.53	1/2	1,008.67	1/2	1,282.27	1/2	1,555.72	1/2	1,829.46	1/2	2,102.96	1/2	2,376.43	1/2	2,649.51
3/4	205.53	3/4	479.40	3/4	748.97	3/4	1,014.37	3/4	1,287.97	3/4	1,561.43	3/4	1,835.16	3/4	2,108.65	3/4	2,382.12	3/4	2,655.18
9	211.23	9	485.11	9	754.40	9	1,020.07	9	1,293.67	9	1,567.13	9	1,840.86	9	2,114.35	9	2,387.82	9	2,660.84
1/4	216.94	1/4	490.82	1/4	759.84	1/4	1,025.77	1/4	1,299.36	1/4	1,572.83	1/4	1,846.56	1/4	2,120.05	1/4	2,393.52	1/4	2,666.51
1/2	222.64	1/2	496.52	1/2	765.27	1/2	1,031.47	1/2	1,305.06	1/2	1,578.53	1/2	1,852.25	1/2	2,125.75	1/2	2,399.22	1/2	2,672.17
3/4	228.35	3/4	502.23	3/4	770.71	3/4	1,037.17	3/4	1,310.75	3/4	1,584.24	3/4	1,857.95	3/4	2,131.44	3/4	2,404.91	3/4	2,677.84
10	234.05	10	507.94	10	776.14	10	1,042.87	10	1,316.44	10	1,589.94	10	1,863.65	10	2,137.14	10	2,410.61	10	2,683.51
1/4	239.76	1/4	513.64	1/4	781.58	1/4	1,048.57	1/4	1,322.14	1/4	1,595.64	1/4	1,869.35	1/4	2,142.84	1/4	2,416.31	1/4	2,689.19
1/2	245.46	1/2	519.35	1/2	787.01	1/2	1,054.27	1/2	1,327.83	1/2	1,601.35	1/2	1,875.04	1/2	2,148.53	1/2	2,422.01	1/2	2,694.86
3/4	251.17	3/4	525.06	3/4	792.45	3/4	1,059.97	3/4	1,333.53	3/4	1,607.05	3/4	1,880.74	3/4	2,154.23	3/4	2,427.70	3/4	2,700.54
11	256.87	11	530.76	11	797.88	11	1,065.67	11	1,339.22	11	1,612.75	11	1,886.44	11	2,159.93	11	2,433.40	11	2,706.22
1/4	262.58	1/4	536.47	1/4	803.32	1/4	1,071.37	1/4	1,344.91	1/4	1,618.46	1/4	1,892.14	1/4	2,165.63	1/4	2,439.10	1/4	2,711.48
1/2	268.28	1/2	542.17	1/2	808.75	1/2	1,077.07	1/2	1,350.61	1/2	1,624.16	1/2	1,897.84	1/2	2,171.32	1/2	2,444.79	1/2	2,716.73
3/4	273.99	3/4	547.88	3/4	814.19	3/4	1,082.77	3/4	1,356.30	3/4	1,629.86	3/4	1,903.53	3/4	2,177.02	3/4	2,450.49	3/4	2,721.99

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 953"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

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	2,727.25	0	2,918.88	0	3,105.81	0	3,292.34	0	3,478.31	0		0		0		0		0	
1/4	2,731.24	1/4	2,922.84	1/4	3,109.69	1/4	3,296.22	1/4	3,481.56	1/4		1/4		1/4		1/4		1/4	
1/2	2,735.23	1/2	2,926.81	1/2	3,113.58	1/2	3,300.11	1/2	3,484.82	1/2		1/2		1/2		1/2		1/2	
3/4	2,739.22	3/4	2,930.78	3/4	3,117.47	3/4	3,303.99	3/4	3,488.07	3/4		3/4		3/4		3/4		3/4	
1	2,743.21	1	2,934.75	1	3,121.35	1	3,307.88	1	3,491.32	1		1		1		1		1	
1/4	2,747.21	1/4	2,938.65	1/4	3,125.24	1/4	3,311.77	1/4	3,493.70	1/4		1/4		1/4		1/4		1/4	
1/2	2,751.20	1/2	2,942.54	1/2	3,129.12	1/2	3,315.65	1/2	3,496.08	1/2		1/2		1/2		1/2		1/2	
3/4	2,755.19	3/4	2,946.44	3/4	3,133.01	3/4	3,319.54	3/4	3,498.46	3/4		3/4		3/4		3/4		3/4	
2	2,759.18	2	2,950.34	2	3,136.90	2	3,323.42	2	3,500.84	2		2		2		2		2	
1/4	2,763.18	1/4	2,954.23	1/4	3,140.78	1/4	3,327.31	1/4	3,502.40	1/4		1/4		1/4		1/4		1/4	
1/2	2,767.17	1/2	2,958.12	1/2	3,144.67	1/2	3,331.20	1/2	3,503.97	1/2		1/2		1/2		1/2		1/2	
3/4	2,771.16	3/4	2,962.02	3/4	3,148.55	3/4	3,335.08	3/4	3,505.53	3/4		3/4		3/4		3/4		3/4	
3	2,775.15	3	2,965.91	3	3,152.44	3	3,338.97	3	3,507.09	3		3		3		3		3	
1/4	2,779.15	1/4	2,969.80	1/4	3,156.33	1/4	3,342.85	1/4	3,507.84	1/4		1/4		1/4		1/4		1/4	
1/2	2,783.14	1/2	2,973.68	1/2	3,160.21	1/2	3,346.74	1/2	3,508.58	1/2		1/2		1/2		1/2		1/2	
3/4	2,787.13	3/4	2,977.57	3/4	3,164.10	3/4	3,350.63	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,791.12	4	2,981.46	4	3,167.98	4	3,354.51	4		4		4		4		4		4	
1/4	2,795.11	1/4	2,985.34	1/4	3,171.87	1/4	3,358.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,799.11	1/2	2,989.23	1/2	3,175.76	1/2	3,362.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,803.10	3/4	2,993.11	3/4	3,179.64	3/4	3,366.17	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,807.09	5	2,997.00	5	3,183.53	5	3,370.06	5		5		5		5		5		5	
1/4	2,811.08	1/4	3,000.89	1/4	3,187.41	1/4	3,373.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,815.08	1/2	3,004.77	1/2	3,191.30	1/2	3,377.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,819.07	3/4	3,008.66	3/4	3,195.19	3/4	3,381.71	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,823.06	6	3,012.54	6	3,199.07	6	3,385.60	6		6		6		6		6		6	
1/4	2,827.05	1/4	3,016.43	1/4	3,202.96	1/4	3,389.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,831.05	1/2	3,020.32	1/2	3,206.84	1/2	3,393.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,835.04	3/4	3,024.20	3/4	3,210.73	3/4	3,397.26	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,839.03	7	3,028.09	7	3,214.62	7	3,401.14	7		7		7		7		7		7	
1/4	2,843.02	1/4	3,031.97	1/4	3,218.50	1/4	3,405.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,847.01	1/2	3,035.86	1/2	3,222.39	1/2	3,408.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,851.01	3/4	3,039.75	3/4	3,226.27	3/4	3,412.80	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,855.00	8	3,043.63	8	3,230.16	8	3,416.69	8		8		8		8		8		8	
1/4	2,858.99	1/4	3,047.52	1/4	3,234.05	1/4	3,420.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,862.98	1/2	3,051.40	1/2	3,237.93	1/2	3,424.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,866.98	3/4	3,055.29	3/4	3,241.82	3/4	3,428.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,870.97	9	3,059.18	9	3,245.70	9	3,432.23	9		9		9		9		9		9	
1/4	2,874.96	1/4	3,063.06	1/4	3,249.59	1/4	3,436.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,878.95	1/2	3,066.95	1/2	3,253.48	1/2	3,440.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,882.95	3/4	3,070.83	3/4	3,257.36	3/4	3,443.88	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,886.94	10	3,074.72	10	3,261.25	10	3,447.76	10		10		10		10		10		10	
1/4	2,890.93	1/4	3,078.61	1/4	3,265.13	1/4	3,451.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,894.92	1/2	3,082.49	1/2	3,269.02	1/2	3,455.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,898.91	3/4	3,086.38	3/4	3,272.91	3/4	3,459.38	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,902.91	11	3,090.26	11	3,276.79	11	3,463.26	11		11		11		11		11		11	
1/4	2,906.90	1/4	3,094.15	1/4	3,280.68	1/4	3,467.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,910.89	1/2	3,098.04	1/2	3,284.56	1/2	3,470.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,914.88	3/4	3,101.92	3/4	3,288.45	3/4	3,474.55	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MPC 953"

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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BARGE "MPC 953"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE 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.

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 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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