



BARGE "MPC 951"

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 10, 2014

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



BARGE "MPC 951"

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	276.85	0	547.85	0	818.38	0	1,089.26	0	1,360.27	0	1,631.27	0	1,902.27	0	2,173.27	0	2,444.24
1/4	19.07	1/4	282.50	1/4	553.49	1/4	824.01	1/4	1,094.91	1/4	1,365.91	1/4	1,636.92	1/4	1,907.92	1/4	2,178.91	1/4	2,449.89
1/2	22.95	1/2	288.14	1/2	559.14	1/2	829.64	1/2	1,100.56	1/2	1,371.56	1/2	1,642.56	1/2	1,913.57	1/2	2,184.56	1/2	2,455.53
3/4	26.83	3/4	293.79	3/4	564.78	3/4	835.28	3/4	1,106.20	3/4	1,377.21	3/4	1,648.21	3/4	1,919.21	3/4	2,190.20	3/4	2,461.18
1	30.71	1	299.44	1	570.43	1	840.91	1	1,111.85	1	1,382.85	1	1,653.85	1	1,924.86	1	2,195.85	1	2,466.82
1/4	35.82	1/4	305.08	1/4	576.08	1/4	846.54	1/4	1,117.49	1/4	1,388.50	1/4	1,659.50	1/4	1,930.50	1/4	2,201.49	1/4	2,472.47
1/2	40.93	1/2	310.73	1/2	581.72	1/2	852.18	1/2	1,123.14	1/2	1,394.14	1/2	1,665.15	1/2	1,936.15	1/2	2,207.14	1/2	2,478.11
3/4	46.04	3/4	316.37	3/4	587.37	3/4	857.82	3/4	1,128.79	3/4	1,399.79	3/4	1,670.79	3/4	1,941.80	3/4	2,212.78	3/4	2,483.76
2	51.14	2	322.02	2	593.01	2	863.46	2	1,134.43	2	1,405.44	2	1,676.44	2	1,947.44	2	2,218.43	2	2,489.40
1/4	56.77	1/4	327.66	1/4	598.66	1/4	869.09	1/4	1,140.08	1/4	1,411.08	1/4	1,682.08	1/4	1,953.09	1/4	2,224.08	1/4	2,495.05
1/2	62.39	1/2	333.31	1/2	604.30	1/2	874.73	1/2	1,145.72	1/2	1,416.73	1/2	1,687.73	1/2	1,958.73	1/2	2,229.72	1/2	2,500.69
3/4	68.01	3/4	338.96	3/4	609.95	3/4	880.37	3/4	1,151.37	3/4	1,422.37	3/4	1,693.38	3/4	1,964.38	3/4	2,235.37	3/4	2,506.34
3	73.64	3	344.60	3	615.60	3	886.01	3	1,157.02	3	1,428.02	3	1,699.02	3	1,970.03	3	2,241.01	3	2,511.99
1/4	79.28	1/4	350.25	1/4	621.24	1/4	891.66	1/4	1,162.66	1/4	1,433.66	1/4	1,704.67	1/4	1,975.67	1/4	2,246.66	1/4	2,517.63
1/2	84.92	1/2	355.89	1/2	626.89	1/2	897.30	1/2	1,168.31	1/2	1,439.31	1/2	1,710.31	1/2	1,981.32	1/2	2,252.30	1/2	2,523.28
3/4	90.55	3/4	361.54	3/4	632.53	3/4	902.95	3/4	1,173.95	3/4	1,444.96	3/4	1,715.96	3/4	1,986.96	3/4	2,257.95	3/4	2,528.92
4	96.19	4	367.18	4	638.18	4	908.60	4	1,179.60	4	1,450.60	4	1,721.61	4	1,992.61	4	2,263.59	4	2,534.57
1/4	101.84	1/4	372.83	1/4	643.82	1/4	914.24	1/4	1,185.25	1/4	1,456.25	1/4	1,727.25	1/4	1,998.25	1/4	2,269.24	1/4	2,540.21
1/2	107.48	1/2	378.48	1/2	649.46	1/2	919.89	1/2	1,190.89	1/2	1,461.89	1/2	1,732.90	1/2	2,003.90	1/2	2,274.88	1/2	2,545.86
3/4	113.13	3/4	384.12	3/4	655.10	3/4	925.53	3/4	1,196.54	3/4	1,467.54	3/4	1,738.54	3/4	2,009.55	3/4	2,280.53	3/4	2,551.50
5	118.77	5	389.77	5	660.74	5	931.18	5	1,202.18	5	1,473.19	5	1,744.19	5	2,015.19	5	2,286.17	5	2,557.15
1/4	124.42	1/4	395.41	1/4	666.37	1/4	936.83	1/4	1,207.83	1/4	1,478.83	1/4	1,749.84	1/4	2,020.84	1/4	2,291.82	1/4	2,562.79
1/2	130.06	1/2	401.06	1/2	672.00	1/2	942.47	1/2	1,213.47	1/2	1,484.48	1/2	1,755.48	1/2	2,026.48	1/2	2,297.46	1/2	2,568.44
3/4	135.71	3/4	406.70	3/4	677.63	3/4	948.12	3/4	1,219.12	3/4	1,490.12	3/4	1,761.13	3/4	2,032.13	3/4	2,303.11	3/4	2,574.08
6	141.36	6	412.35	6	683.26	6	953.76	6	1,224.77	6	1,495.77	6	1,766.77	6	2,037.78	6	2,308.75	6	2,579.73
1/4	147.00	1/4	418.00	1/4	688.89	1/4	959.41	1/4	1,230.41	1/4	1,501.42	1/4	1,772.42	1/4	2,043.42	1/4	2,314.40	1/4	2,585.37
1/2	152.65	1/2	423.64	1/2	694.52	1/2	965.05	1/2	1,236.06	1/2	1,507.06	1/2	1,778.06	1/2	2,049.07	1/2	2,320.05	1/2	2,591.02
3/4	158.29	3/4	429.29	3/4	700.15	3/4	970.70	3/4	1,241.70	3/4	1,512.71	3/4	1,783.71	3/4	2,054.71	3/4	2,325.69	3/4	2,596.66
7	163.94	7	434.93	7	705.78	7	976.35	7	1,247.35	7	1,518.35	7	1,789.36	7	2,060.36	7	2,331.34	7	2,602.31
1/4	169.58	1/4	440.58	1/4	711.41	1/4	981.99	1/4	1,253.00	1/4	1,524.00	1/4	1,795.00	1/4	2,066.01	1/4	2,336.98	1/4	2,607.95
1/2	175.23	1/2	446.22	1/2	717.04	1/2	987.64	1/2	1,258.64	1/2	1,529.64	1/2	1,800.65	1/2	2,071.65	1/2	2,342.63	1/2	2,613.60
3/4	180.88	3/4	451.87	3/4	722.67	3/4	993.28	3/4	1,264.29	3/4	1,535.29	3/4	1,806.29	3/4	2,077.30	3/4	2,348.27	3/4	2,619.24
8	186.52	8	457.52	8	728.30	8	998.93	8	1,269.93	8	1,540.94	8	1,811.94	8	2,082.94	8	2,353.92	8	2,624.89
1/4	192.17	1/4	463.16	1/4	733.93	1/4	1,004.58	1/4	1,275.58	1/4	1,546.58	1/4	1,817.59	1/4	2,088.59	1/4	2,359.56	1/4	2,630.53
1/2	197.81	1/2	468.81	1/2	739.56	1/2	1,010.22	1/2	1,281.23	1/2	1,552.23	1/2	1,823.23	1/2	2,094.23	1/2	2,365.21	1/2	2,636.18
3/4	203.46	3/4	474.45	3/4	745.19	3/4	1,015.87	3/4	1,286.87	3/4	1,557.87	3/4	1,828.88	3/4	2,099.88	3/4	2,370.85	3/4	2,641.82
9	209.10	9	480.10	9	750.82	9	1,021.51	9	1,292.52	9	1,563.52	9	1,834.52	9	2,105.52	9	2,376.50	9	2,647.47
1/4	214.75	1/4	485.74	1/4	756.45	1/4	1,027.16	1/4	1,298.16	1/4	1,569.17	1/4	1,840.17	1/4	2,111.17	1/4	2,382.14	1/4	2,653.11
1/2	220.40	1/2	491.39	1/2	762.08	1/2	1,032.81	1/2	1,303.81	1/2	1,574.81	1/2	1,845.82	1/2	2,116.81	1/2	2,387.79	1/2	2,658.76
3/4	226.04	3/4	497.04	3/4	767.71	3/4	1,038.45	3/4	1,309.45	3/4	1,580.46	3/4	1,851.46	3/4	2,122.46	3/4	2,393.43	3/4	2,664.40
10	231.69	10	502.68	10	773.34	10	1,044.10	10	1,315.10	10	1,586.10	10	1,857.11	10	2,128.11	10	2,399.08	10	2,670.05
1/4	237.33	1/4	508.33	1/4	778.97	1/4	1,049.74	1/4	1,320.75	1/4	1,591.75	1/4	1,862.75	1/4	2,133.75	1/4	2,404.72	1/4	2,675.69
1/2	242.98	1/2	513.97	1/2	784.60	1/2	1,055.39	1/2	1,326.39	1/2	1,597.40	1/2	1,868.40	1/2	2,139.40	1/2	2,410.37	1/2	2,681.33
3/4	248.62	3/4	519.62	3/4	790.23	3/4	1,061.04	3/4	1,332.04	3/4	1,603.04	3/4	1,874.04	3/4	2,145.04	3/4	2,416.02	3/4	2,686.98
11	254.27	11	525.26	11	795.86	11	1,066.68	11	1,337.68	11	1,608.69	11	1,879.69	11	2,150.69	11	2,421.66	11	2,692.62
1/4	259.92	1/4	530.91	1/4	801.49	1/4	1,072.33	1/4	1,343.33	1/4	1,614.33	1/4	1,885.34	1/4	2,156.33	1/4	2,427.31	1/4	2,698.27
1/2	265.56	1/2	536.56	1/2	807.12	1/2	1,077.97	1/2	1,348.98	1/2	1,619.98	1/2	1,890.98	1/2	2,161.98	1/2	2,432.95	1/2	2,703.91
3/4	271.21	3/4	542.20	3/4	812.75	3/4	1,083.62	3/4	1,354.62	3/4	1,625.63	3/4	1,896.63	3/4	2,167.62	3/4	2,438.60	3/4	2,709.56

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 951"

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	2,715.20	0	2,986.15	0	3,256.50	0	3,526.67	0	3,796.30	0		0		0		0		0	
1/4	2,720.85	1/4	2,991.80	1/4	3,262.13	1/4	3,532.30	1/4	3,801.29	1/4		1/4		1/4		1/4		1/4	
1/2	2,726.49	1/2	2,997.44	1/2	3,267.76	1/2	3,537.93	1/2	3,806.29	1/2		1/2		1/2		1/2		1/2	
3/4	2,732.14	3/4	3,003.09	3/4	3,273.39	3/4	3,543.56	3/4	3,811.28	3/4		3/4		3/4		3/4		3/4	
1	2,737.78	1	3,008.73	1	3,279.02	1	3,549.19	1	3,816.28	1		1		1		1		1	
1/4	2,743.43	1/4	3,014.38	1/4	3,284.65	1/4	3,554.81	1/4	3,820.38	1/4		1/4		1/4		1/4		1/4	
1/2	2,749.07	1/2	3,020.02	1/2	3,290.27	1/2	3,560.44	1/2	3,824.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,754.72	3/4	3,025.67	3/4	3,295.90	3/4	3,566.07	3/4	3,828.60	3/4		3/4		3/4		3/4		3/4	
2	2,760.36	2	3,031.31	2	3,301.53	2	3,571.70	2	3,832.70	2		2		2		2		2	
1/4	2,766.01	1/4	3,036.95	1/4	3,307.16	1/4	3,577.33	1/4	3,836.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,771.65	1/2	3,042.59	1/2	3,312.79	1/2	3,582.96	1/2	3,839.30	1/2		1/2		1/2		1/2		1/2	
3/4	2,777.30	3/4	3,048.24	3/4	3,318.42	3/4	3,588.58	3/4	3,842.60	3/4		3/4		3/4		3/4		3/4	
3	2,782.94	3	3,053.88	3	3,324.05	3	3,594.21	3	3,845.90	3		3		3		3		3	
1/4	2,788.59	1/4	3,059.51	1/4	3,329.67	1/4	3,599.84	1/4	3,848.40	1/4		1/4		1/4		1/4		1/4	
1/2	2,794.23	1/2	3,065.13	1/2	3,335.30	1/2	3,605.47	1/2	3,850.89	1/2		1/2		1/2		1/2		1/2	
3/4	2,799.88	3/4	3,070.76	3/4	3,340.93	3/4	3,611.10	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,805.52	4	3,076.39	4	3,346.56	4	3,616.73	4		4		4		4		4		4	
1/4	2,811.17	1/4	3,082.02	1/4	3,352.19	1/4	3,622.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,816.81	1/2	3,087.65	1/2	3,357.82	1/2	3,627.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,822.45	3/4	3,093.28	3/4	3,363.45	3/4	3,633.61	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,828.10	5	3,098.91	5	3,369.07	5	3,639.24	5		5		5		5		5		5	
1/4	2,833.74	1/4	3,104.53	1/4	3,374.70	1/4	3,644.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,839.39	1/2	3,110.16	1/2	3,380.33	1/2	3,650.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,845.03	3/4	3,115.79	3/4	3,385.96	3/4	3,656.13	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,850.68	6	3,121.42	6	3,391.59	6	3,661.76	6		6		6		6		6		6	
1/4	2,856.32	1/4	3,127.05	1/4	3,397.22	1/4	3,667.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,861.97	1/2	3,132.68	1/2	3,402.84	1/2	3,673.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,867.61	3/4	3,138.31	3/4	3,408.47	3/4	3,678.64	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,873.26	7	3,143.93	7	3,414.10	7	3,684.27	7		7		7		7		7		7	
1/4	2,878.90	1/4	3,149.56	1/4	3,419.73	1/4	3,689.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,884.55	1/2	3,155.19	1/2	3,425.36	1/2	3,695.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,890.19	3/4	3,160.82	3/4	3,430.99	3/4	3,701.15	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,895.84	8	3,166.45	8	3,436.62	8	3,706.78	8		8		8		8		8		8	
1/4	2,901.48	1/4	3,172.08	1/4	3,442.24	1/4	3,712.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,907.13	1/2	3,177.70	1/2	3,447.87	1/2	3,718.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,912.77	3/4	3,183.33	3/4	3,453.50	3/4	3,723.67	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,918.42	9	3,188.96	9	3,459.13	9	3,729.30	9		9		9		9		9		9	
1/4	2,924.06	1/4	3,194.59	1/4	3,464.76	1/4	3,734.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,929.71	1/2	3,200.22	1/2	3,470.39	1/2	3,740.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,935.35	3/4	3,205.85	3/4	3,476.01	3/4	3,746.17	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,941.00	10	3,211.48	10	3,481.64	10	3,751.80	10		10		10		10		10		10	
1/4	2,946.64	1/4	3,217.10	1/4	3,487.27	1/4	3,757.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,952.29	1/2	3,222.73	1/2	3,492.90	1/2	3,763.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,957.93	3/4	3,228.36	3/4	3,498.53	3/4	3,768.65	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,963.57	11	3,233.99	11	3,504.16	11	3,774.26	11		11		11		11		11		11	
1/4	2,969.22	1/4	3,239.62	1/4	3,509.79	1/4	3,779.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,974.86	1/2	3,245.25	1/2	3,515.41	1/2	3,785.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,980.51	3/4	3,250.88	3/4	3,521.04	3/4	3,790.79	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/10/2014 CL
CALCULATED: 07/10/2014 CL
PRINTED: 07/10/2014 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 951"

1 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	15.19	0	276.99	0	548.11	0	817.70	0	1,088.00	0	1,359.12	0	1,630.23	0	1,901.35	0	2,172.45	0	2,443.54
1/4	19.08	1/4	282.63	1/4	553.76	1/4	823.30	1/4	1,093.65	1/4	1,364.77	1/4	1,635.88	1/4	1,906.99	1/4	2,178.10	1/4	2,449.19
1/2	22.96	1/2	288.28	1/2	559.41	1/2	828.90	1/2	1,099.30	1/2	1,370.41	1/2	1,641.53	1/2	1,912.64	1/2	2,183.75	1/2	2,454.84
3/4	26.84	3/4	293.93	3/4	565.05	3/4	834.50	3/4	1,104.95	3/4	1,376.06	3/4	1,647.18	3/4	1,918.29	3/4	2,189.39	3/4	2,460.48
1	30.72	1	299.58	1	570.70	1	840.09	1	1,110.60	1	1,381.71	1	1,652.82	1	1,923.94	1	2,195.04	1	2,466.13
1/4	35.84	1/4	305.23	1/4	576.35	1/4	845.70	1/4	1,116.25	1/4	1,387.36	1/4	1,658.47	1/4	1,929.59	1/4	2,200.69	1/4	2,471.78
1/2	40.95	1/2	310.88	1/2	582.00	1/2	851.30	1/2	1,121.89	1/2	1,393.01	1/2	1,664.12	1/2	1,935.23	1/2	2,206.34	1/2	2,477.43
3/4	46.06	3/4	316.52	3/4	587.65	3/4	856.90	3/4	1,127.54	3/4	1,398.66	3/4	1,669.77	3/4	1,940.88	3/4	2,211.98	3/4	2,483.07
2	51.17	2	322.17	2	593.30	2	862.50	2	1,133.19	2	1,404.30	2	1,675.42	2	1,946.53	2	2,217.63	2	2,488.72
1/4	56.79	1/4	327.82	1/4	598.94	1/4	868.11	1/4	1,138.84	1/4	1,409.95	1/4	1,681.07	1/4	1,952.18	1/4	2,223.28	1/4	2,494.37
1/2	62.42	1/2	333.47	1/2	604.59	1/2	873.71	1/2	1,144.49	1/2	1,415.60	1/2	1,686.71	1/2	1,957.83	1/2	2,228.93	1/2	2,500.02
3/4	68.05	3/4	339.12	3/4	610.24	3/4	879.32	3/4	1,150.13	3/4	1,421.25	3/4	1,692.36	3/4	1,963.48	3/4	2,234.57	3/4	2,505.66
3	73.67	3	344.77	3	615.89	3	884.92	3	1,155.78	3	1,426.90	3	1,698.01	3	1,969.12	3	2,240.22	3	2,511.31
1/4	79.31	1/4	350.42	1/4	621.54	1/4	890.54	1/4	1,161.43	1/4	1,432.54	1/4	1,703.66	1/4	1,974.77	1/4	2,245.87	1/4	2,516.96
1/2	84.96	1/2	356.06	1/2	627.19	1/2	896.15	1/2	1,167.08	1/2	1,438.19	1/2	1,709.31	1/2	1,980.42	1/2	2,251.52	1/2	2,522.61
3/4	90.60	3/4	361.71	3/4	632.84	3/4	901.76	3/4	1,172.73	3/4	1,443.84	3/4	1,714.95	3/4	1,986.07	3/4	2,257.17	3/4	2,528.25
4	96.24	4	367.36	4	638.48	4	907.37	4	1,178.38	4	1,449.49	4	1,720.60	4	1,991.72	4	2,262.81	4	2,533.90
1/4	101.89	1/4	373.01	1/4	644.12	1/4	912.99	1/4	1,184.02	1/4	1,455.14	1/4	1,726.25	1/4	1,997.36	1/4	2,268.46	1/4	2,539.55
1/2	107.54	1/2	378.66	1/2	649.75	1/2	918.61	1/2	1,189.67	1/2	1,460.79	1/2	1,731.90	1/2	2,003.01	1/2	2,274.11	1/2	2,545.19
3/4	113.18	3/4	384.31	3/4	655.39	3/4	924.23	3/4	1,195.32	3/4	1,466.43	3/4	1,737.55	3/4	2,008.66	3/4	2,279.76	3/4	2,550.84
5	118.83	5	389.95	5	661.02	5	929.85	5	1,200.97	5	1,472.08	5	1,743.20	5	2,014.31	5	2,285.40	5	2,556.49
1/4	124.48	1/4	395.60	1/4	666.62	1/4	935.50	1/4	1,206.62	1/4	1,477.73	1/4	1,748.84	1/4	2,019.96	1/4	2,291.05	1/4	2,562.13
1/2	130.13	1/2	401.25	1/2	672.21	1/2	941.15	1/2	1,212.26	1/2	1,483.38	1/2	1,754.49	1/2	2,025.61	1/2	2,296.70	1/2	2,567.78
3/4	135.78	3/4	406.90	3/4	677.81	3/4	946.80	3/4	1,217.91	3/4	1,489.03	3/4	1,760.14	3/4	2,031.25	3/4	2,302.35	3/4	2,573.43
6	141.42	6	412.55	6	683.41	6	952.45	6	1,223.56	6	1,494.67	6	1,765.79	6	2,036.90	6	2,308.00	6	2,579.08
1/4	147.07	1/4	418.20	1/4	689.00	1/4	958.10	1/4	1,229.21	1/4	1,500.32	1/4	1,771.44	1/4	2,042.55	1/4	2,313.64	1/4	2,584.72
1/2	152.72	1/2	423.84	1/2	694.60	1/2	963.74	1/2	1,234.86	1/2	1,505.97	1/2	1,777.08	1/2	2,048.20	1/2	2,319.29	1/2	2,590.37
3/4	158.37	3/4	429.49	3/4	700.19	3/4	969.39	3/4	1,240.51	3/4	1,511.62	3/4	1,782.73	3/4	2,053.85	3/4	2,324.94	3/4	2,596.02
7	164.02	7	435.14	7	705.79	7	975.04	7	1,246.15	7	1,517.27	7	1,788.38	7	2,059.49	7	2,330.59	7	2,601.66
1/4	169.67	1/4	440.79	1/4	711.38	1/4	980.69	1/4	1,251.80	1/4	1,522.92	1/4	1,794.03	1/4	2,065.14	1/4	2,336.23	1/4	2,607.31
1/2	175.31	1/2	446.44	1/2	716.98	1/2	986.34	1/2	1,257.45	1/2	1,528.56	1/2	1,799.68	1/2	2,070.79	1/2	2,341.88	1/2	2,612.96
3/4	180.96	3/4	452.09	3/4	722.58	3/4	991.98	3/4	1,263.10	3/4	1,534.21	3/4	1,805.33	3/4	2,076.44	3/4	2,347.53	3/4	2,618.61
8	186.61	8	457.73	8	728.17	8	997.63	8	1,268.75	8	1,539.86	8	1,810.97	8	2,082.09	8	2,353.18	8	2,624.25
1/4	192.26	1/4	463.38	1/4	733.77	1/4	1,003.28	1/4	1,274.39	1/4	1,545.51	1/4	1,816.62	1/4	2,087.73	1/4	2,358.82	1/4	2,629.90
1/2	197.91	1/2	469.03	1/2	739.36	1/2	1,008.93	1/2	1,280.04	1/2	1,551.16	1/2	1,822.27	1/2	2,093.38	1/2	2,364.47	1/2	2,635.55
3/4	203.56	3/4	474.68	3/4	744.96	3/4	1,014.58	3/4	1,285.69	3/4	1,556.80	3/4	1,827.92	3/4	2,099.03	3/4	2,370.12	3/4	2,641.19
9	209.21	9	480.33	9	750.55	9	1,020.23	9	1,291.34	9	1,562.45	9	1,833.57	9	2,104.68	9	2,375.77	9	2,646.84
1/4	214.85	1/4	485.98	1/4	756.15	1/4	1,025.87	1/4	1,296.99	1/4	1,568.10	1/4	1,839.21	1/4	2,110.33	1/4	2,381.42	1/4	2,652.49
1/2	220.50	1/2	491.62	1/2	761.75	1/2	1,031.52	1/2	1,302.64	1/2	1,573.75	1/2	1,844.86	1/2	2,115.97	1/2	2,387.06	1/2	2,658.13
3/4	226.15	3/4	497.27	3/4	767.34	3/4	1,037.17	3/4	1,308.28	3/4	1,579.40	3/4	1,850.51	3/4	2,121.62	3/4	2,392.71	3/4	2,663.78
10	231.80	10	502.92	10	772.94	10	1,042.82	10	1,313.93	10	1,585.05	10	1,856.16	10	2,127.27	10	2,398.36	10	2,669.43
1/4	237.45	1/4	508.57	1/4	778.53	1/4	1,048.47	1/4	1,319.58	1/4	1,590.69	1/4	1,861.81	1/4	2,132.92	1/4	2,404.01	1/4	2,675.08
1/2	243.10	1/2	514.22	1/2	784.13	1/2	1,054.12	1/2	1,325.23	1/2	1,596.34	1/2	1,867.46	1/2	2,138.56	1/2	2,409.65	1/2	2,680.72
3/4	248.74	3/4	519.87	3/4	789.73	3/4	1,059.76	3/4	1,330.88	3/4	1,601.99	3/4	1,873.10	3/4	2,144.21	3/4	2,415.30	3/4	2,686.37
11	254.39	11	525.52	11	795.32	11	1,065.41	11	1,336.53	11	1,607.64	11	1,878.75	11	2,149.86	11	2,420.95	11	2,692.02
1/4	260.04	1/4	531.16	1/4	800.92	1/4	1,071.06	1/4	1,342.17	1/4	1,613.29	1/4	1,884.40	1/4	2,155.51	1/4	2,426.60	1/4	2,697.66
1/2	265.69	1/2	536.81	1/2	806.51	1/2	1,076.71	1/2	1,347.82	1/2	1,618.94	1/2	1,890.05	1/2	2,161.15	1/2	2,432.24	1/2	2,703.31
3/4	271.34	3/4	542.46	3/4	812.11	3/4	1,082.36	3/4	1,353.47	3/4	1,624.58	3/4	1,895.70	3/4	2,166.80	3/4	2,437.89	3/4	2,708.96

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 951"

1 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	2,714.61	0	2,985.67	0	3,256.13	0	3,526.41	0	3,796.15	0		0		0		0		0	
1/4	2,720.25	1/4	2,991.31	1/4	3,261.76	1/4	3,532.04	1/4	3,801.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,725.90	1/2	2,996.96	1/2	3,267.39	1/2	3,537.67	1/2	3,806.14	1/2		1/2		1/2		1/2		1/2	
3/4	2,731.55	3/4	3,002.61	3/4	3,273.02	3/4	3,543.30	3/4	3,811.14	3/4		3/4		3/4		3/4		3/4	
1	2,737.19	1	3,008.26	1	3,278.65	1	3,548.93	1	3,816.14	1		1		1		1		1	
1/4	2,742.84	1/4	3,013.90	1/4	3,284.28	1/4	3,554.56	1/4	3,820.25	1/4		1/4		1/4		1/4		1/4	
1/2	2,748.49	1/2	3,019.55	1/2	3,289.91	1/2	3,560.19	1/2	3,824.36	1/2		1/2		1/2		1/2		1/2	
3/4	2,754.14	3/4	3,025.20	3/4	3,295.54	3/4	3,565.82	3/4	3,828.46	3/4		3/4		3/4		3/4		3/4	
2	2,759.78	2	3,030.84	2	3,301.17	2	3,571.45	2	3,832.57	2		2		2		2		2	
1/4	2,765.43	1/4	3,036.49	1/4	3,306.80	1/4	3,577.08	1/4	3,835.87	1/4		1/4		1/4		1/4		1/4	
1/2	2,771.08	1/2	3,042.13	1/2	3,312.43	1/2	3,582.71	1/2	3,839.17	1/2		1/2		1/2		1/2		1/2	
3/4	2,776.72	3/4	3,047.77	3/4	3,318.07	3/4	3,588.34	3/4	3,842.48	3/4		3/4		3/4		3/4		3/4	
3	2,782.37	3	3,053.42	3	3,323.70	3	3,593.97	3	3,845.78	3		3		3		3		3	
1/4	2,788.02	1/4	3,059.05	1/4	3,329.33	1/4	3,599.61	1/4	3,848.27	1/4		1/4		1/4		1/4		1/4	
1/2	2,793.67	1/2	3,064.68	1/2	3,334.96	1/2	3,605.24	1/2	3,850.76	1/2		1/2		1/2		1/2		1/2	
3/4	2,799.31	3/4	3,070.31	3/4	3,340.59	3/4	3,610.87	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,804.96	4	3,075.94	4	3,346.22	4	3,616.50	4		4		4		4		4		4	
1/4	2,810.61	1/4	3,081.57	1/4	3,351.85	1/4	3,622.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,816.25	1/2	3,087.20	1/2	3,357.48	1/2	3,627.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,821.90	3/4	3,092.83	3/4	3,363.11	3/4	3,633.39	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,827.55	5	3,098.46	5	3,368.74	5	3,639.02	5		5		5		5		5		5	
1/4	2,833.19	1/4	3,104.10	1/4	3,374.37	1/4	3,644.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,838.84	1/2	3,109.73	1/2	3,380.00	1/2	3,650.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,844.49	3/4	3,115.36	3/4	3,385.64	3/4	3,655.91	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,850.14	6	3,120.99	6	3,391.27	6	3,661.54	6		6		6		6		6		6	
1/4	2,855.78	1/4	3,126.62	1/4	3,396.90	1/4	3,667.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,861.43	1/2	3,132.25	1/2	3,402.53	1/2	3,672.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,867.08	3/4	3,137.88	3/4	3,408.16	3/4	3,678.44	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,872.72	7	3,143.51	7	3,413.79	7	3,684.07	7		7		7		7		7		7	
1/4	2,878.37	1/4	3,149.14	1/4	3,419.42	1/4	3,689.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,884.02	1/2	3,154.77	1/2	3,425.05	1/2	3,695.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,889.67	3/4	3,160.40	3/4	3,430.68	3/4	3,700.96	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,895.31	8	3,166.03	8	3,436.31	8	3,706.59	8		8		8		8		8		8	
1/4	2,900.96	1/4	3,171.66	1/4	3,441.94	1/4	3,712.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,906.61	1/2	3,177.30	1/2	3,447.57	1/2	3,717.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,912.25	3/4	3,182.93	3/4	3,453.20	3/4	3,723.49	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,917.90	9	3,188.56	9	3,458.84	9	3,729.12	9		9		9		9		9		9	
1/4	2,923.55	1/4	3,194.19	1/4	3,464.47	1/4	3,734.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,929.20	1/2	3,199.82	1/2	3,470.10	1/2	3,740.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,934.84	3/4	3,205.45	3/4	3,475.73	3/4	3,746.01	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,940.49	10	3,211.08	10	3,481.36	10	3,751.64	10		10		10		10		10		10	
1/4	2,946.14	1/4	3,216.71	1/4	3,486.99	1/4	3,757.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,951.78	1/2	3,222.34	1/2	3,492.62	1/2	3,762.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,957.43	3/4	3,227.97	3/4	3,498.25	3/4	3,768.49	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,963.08	11	3,233.60	11	3,503.88	11	3,774.11	11		11		11		11		11		11	
1/4	2,968.73	1/4	3,239.23	1/4	3,509.51	1/4	3,779.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,974.37	1/2	3,244.87	1/2	3,515.14	1/2	3,785.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,980.02	3/4	3,250.50	3/4	3,520.77	3/4	3,790.64	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/10/2014 CL
CALCULATED: 07/10/2014 CL
PRINTED: 07/10/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "MPC 951"

2 PORT 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	15.38	0	280.49	0	555.04	0	829.14	0	1,103.58	0	1,378.15	0	1,652.71	0	1,927.19	0	2,201.48	0	2,475.76
1/4	19.31	1/4	286.21	1/4	560.76	1/4	834.84	1/4	1,109.30	1/4	1,383.87	1/4	1,658.43	1/4	1,932.90	1/4	2,207.19	1/4	2,481.47
1/2	23.24	1/2	291.93	1/2	566.48	1/2	840.55	1/2	1,115.02	1/2	1,389.59	1/2	1,664.15	1/2	1,938.62	1/2	2,212.91	1/2	2,487.19
3/4	27.18	3/4	297.65	3/4	572.20	3/4	846.26	3/4	1,120.74	3/4	1,395.31	3/4	1,669.87	3/4	1,944.33	3/4	2,218.62	3/4	2,492.90
1	31.11	1	303.37	1	577.92	1	851.96	1	1,126.46	1	1,401.03	1	1,675.59	1	1,950.05	1	2,224.34	1	2,498.61
1/4	36.28	1/4	309.09	1/4	583.64	1/4	857.67	1/4	1,132.18	1/4	1,406.75	1/4	1,681.31	1/4	1,955.76	1/4	2,230.05	1/4	2,504.33
1/2	41.46	1/2	314.81	1/2	589.36	1/2	863.38	1/2	1,137.90	1/2	1,412.47	1/2	1,687.03	1/2	1,961.47	1/2	2,235.77	1/2	2,510.04
3/4	46.64	3/4	320.53	3/4	595.08	3/4	869.10	3/4	1,143.62	3/4	1,418.19	3/4	1,692.75	3/4	1,967.19	3/4	2,241.48	3/4	2,515.76
2	51.81	2	326.25	2	600.80	2	874.81	2	1,149.34	2	1,423.91	2	1,698.47	2	1,972.90	2	2,247.19	2	2,521.47
1/4	57.51	1/4	331.97	1/4	606.52	1/4	880.52	1/4	1,155.06	1/4	1,429.63	1/4	1,704.19	1/4	1,978.62	1/4	2,252.91	1/4	2,527.18
1/2	63.21	1/2	337.69	1/2	612.24	1/2	886.23	1/2	1,160.78	1/2	1,435.35	1/2	1,709.91	1/2	1,984.33	1/2	2,258.62	1/2	2,532.90
3/4	68.90	3/4	343.41	3/4	617.96	3/4	891.95	3/4	1,166.50	3/4	1,441.07	3/4	1,715.63	3/4	1,990.05	3/4	2,264.34	3/4	2,538.61
3	74.60	3	349.13	3	623.68	3	897.66	3	1,172.22	3	1,446.79	3	1,721.35	3	1,995.76	3	2,270.05	3	2,544.33
1/4	80.31	1/4	354.85	1/4	629.40	1/4	903.38	1/4	1,177.94	1/4	1,452.51	1/4	1,727.07	1/4	2,001.48	1/4	2,275.76	1/4	2,550.04
1/2	86.03	1/2	360.57	1/2	635.12	1/2	909.10	1/2	1,183.66	1/2	1,458.23	1/2	1,732.79	1/2	2,007.19	1/2	2,281.48	1/2	2,555.76
3/4	91.74	3/4	366.29	3/4	640.84	3/4	914.82	3/4	1,189.39	3/4	1,463.95	3/4	1,738.51	3/4	2,012.91	3/4	2,287.19	3/4	2,561.47
4	97.45	4	372.01	4	646.56	4	920.54	4	1,195.11	4	1,469.67	4	1,744.23	4	2,018.62	4	2,292.91	4	2,567.18
1/4	103.17	1/4	377.73	1/4	652.28	1/4	926.26	1/4	1,200.83	1/4	1,475.39	1/4	1,749.95	1/4	2,024.34	1/4	2,298.62	1/4	2,572.90
1/2	108.89	1/2	383.45	1/2	657.99	1/2	931.98	1/2	1,206.55	1/2	1,481.11	1/2	1,755.67	1/2	2,030.05	1/2	2,304.33	1/2	2,578.61
3/4	114.61	3/4	389.17	3/4	663.71	3/4	937.70	3/4	1,212.27	3/4	1,486.83	3/4	1,761.40	3/4	2,035.77	3/4	2,310.05	3/4	2,584.33
5	120.33	5	394.89	5	669.42	5	943.42	5	1,217.99	5	1,492.55	5	1,767.12	5	2,041.48	5	2,315.76	5	2,590.04
1/4	126.05	1/4	400.61	1/4	675.13	1/4	949.14	1/4	1,223.71	1/4	1,498.27	1/4	1,772.84	1/4	2,047.20	1/4	2,321.48	1/4	2,595.74
1/2	131.77	1/2	406.33	1/2	680.83	1/2	954.86	1/2	1,229.43	1/2	1,503.99	1/2	1,778.56	1/2	2,052.91	1/2	2,327.19	1/2	2,601.45
3/4	137.49	3/4	412.05	3/4	686.54	3/4	960.58	3/4	1,235.15	3/4	1,509.71	3/4	1,784.28	3/4	2,058.62	3/4	2,332.91	3/4	2,607.15
6	143.21	6	417.77	6	692.24	6	966.30	6	1,240.87	6	1,515.43	6	1,790.00	6	2,064.34	6	2,338.62	6	2,612.86
1/4	148.93	1/4	423.49	1/4	697.94	1/4	972.02	1/4	1,246.59	1/4	1,521.15	1/4	1,795.72	1/4	2,070.05	1/4	2,344.33	1/4	2,618.54
1/2	154.65	1/2	429.20	1/2	703.65	1/2	977.74	1/2	1,252.31	1/2	1,526.87	1/2	1,801.44	1/2	2,075.77	1/2	2,350.05	1/2	2,624.22
3/4	160.37	3/4	434.92	3/4	709.35	3/4	983.46	3/4	1,258.03	3/4	1,532.59	3/4	1,807.16	3/4	2,081.48	3/4	2,355.76	3/4	2,629.90
7	166.09	7	440.64	7	715.06	7	989.18	7	1,263.75	7	1,538.31	7	1,812.88	7	2,087.20	7	2,361.48	7	2,635.58
1/4	171.81	1/4	446.36	1/4	720.76	1/4	994.90	1/4	1,269.47	1/4	1,544.03	1/4	1,818.59	1/4	2,092.91	1/4	2,367.19	1/4	2,641.26
1/2	177.53	1/2	452.08	1/2	726.46	1/2	1,000.62	1/2	1,275.19	1/2	1,549.75	1/2	1,824.31	1/2	2,098.63	1/2	2,372.90	1/2	2,646.94
3/4	183.25	3/4	457.80	3/4	732.17	3/4	1,006.34	3/4	1,280.91	3/4	1,555.47	3/4	1,830.03	3/4	2,104.34	3/4	2,378.62	3/4	2,652.62
8	188.97	8	463.52	8	737.87	8	1,012.06	8	1,286.63	8	1,561.19	8	1,835.75	8	2,110.06	8	2,384.33	8	2,658.30
1/4	194.69	1/4	469.24	1/4	743.58	1/4	1,017.78	1/4	1,292.35	1/4	1,566.91	1/4	1,841.47	1/4	2,115.77	1/4	2,390.05	1/4	2,663.97
1/2	200.41	1/2	474.96	1/2	749.28	1/2	1,023.50	1/2	1,298.07	1/2	1,572.63	1/2	1,847.18	1/2	2,121.48	1/2	2,395.76	1/2	2,669.65
3/4	206.13	3/4	480.68	3/4	754.98	3/4	1,029.22	3/4	1,303.79	3/4	1,578.35	3/4	1,852.90	3/4	2,127.20	3/4	2,401.47	3/4	2,675.33
9	211.85	9	486.40	9	760.69	9	1,034.94	9	1,309.51	9	1,584.07	9	1,858.61	9	2,132.91	9	2,407.19	9	2,681.01
1/4	217.57	1/4	492.12	1/4	766.39	1/4	1,040.66	1/4	1,315.23	1/4	1,589.79	1/4	1,864.32	1/4	2,138.63	1/4	2,412.90	1/4	2,686.69
1/2	223.29	1/2	497.84	1/2	772.10	1/2	1,046.38	1/2	1,320.95	1/2	1,595.51	1/2	1,870.04	1/2	2,144.34	1/2	2,418.62	1/2	2,692.37
3/4	229.01	3/4	503.56	3/4	777.80	3/4	1,052.10	3/4	1,326.67	3/4	1,601.23	3/4	1,875.75	3/4	2,150.05	3/4	2,424.33	3/4	2,698.05
10	234.73	10	509.28	10	783.50	10	1,057.82	10	1,332.39	10	1,606.95	10	1,881.47	10	2,155.77	10	2,430.04	10	2,703.73
1/4	240.45	1/4	515.00	1/4	789.21	1/4	1,063.54	1/4	1,338.11	1/4	1,612.67	1/4	1,887.18	1/4	2,161.48	1/4	2,435.76	1/4	2,709.41
1/2	246.17	1/2	520.72	1/2	794.91	1/2	1,069.26	1/2	1,343.83	1/2	1,618.39	1/2	1,892.90	1/2	2,167.20	1/2	2,441.47	1/2	2,715.09
3/4	251.89	3/4	526.44	3/4	800.62	3/4	1,074.98	3/4	1,349.55	3/4	1,624.11	3/4	1,898.61	3/4	2,172.91	3/4	2,447.19	3/4	2,720.77
11	257.61	11	532.16	11	806.32	11	1,080.70	11	1,355.27	11	1,629.83	11	1,904.33	11	2,178.62	11	2,452.90	11	2,726.45
1/4	263.33	1/4	537.88	1/4	812.03	1/4	1,086.42	1/4	1,360.99	1/4	1,635.55	1/4	1,910.04	1/4	2,184.34	1/4	2,458.62	1/4	2,731.71
1/2	269.05	1/2	543.60	1/2	817.73	1/2	1,092.14	1/2	1,366.71	1/2	1,641.27	1/2	1,915.76	1/2	2,190.05	1/2	2,464.33	1/2	2,736.97
3/4	274.77	3/4	549.32	3/4	823.43	3/4	1,097.86	3/4	1,372.43	3/4	1,646.99	3/4	1,921.47	3/4	2,195.77	3/4	2,470.04	3/4	2,742.23

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 951"

2 PORT 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	2,747.48	0	2,939.28	0	3,126.38	0	3,313.08	0	3,499.23	0		0		0		0		0	
1/4	2,751.48	1/4	2,943.25	1/4	3,130.27	1/4	3,316.97	1/4	3,502.49	1/4		1/4		1/4		1/4		1/4	
1/2	2,755.48	1/2	2,947.22	1/2	3,134.16	1/2	3,320.86	1/2	3,505.75	1/2		1/2		1/2		1/2		1/2	
3/4	2,759.47	3/4	2,951.19	3/4	3,138.05	3/4	3,324.75	3/4	3,509.00	3/4		3/4		3/4		3/4		3/4	
1	2,763.47	1	2,955.17	1	3,141.94	1	3,328.63	1	3,512.26	1		1		1		1		1	
1/4	2,767.46	1/4	2,959.07	1/4	3,145.83	1/4	3,332.52	1/4	3,514.64	1/4		1/4		1/4		1/4		1/4	
1/2	2,771.46	1/2	2,962.97	1/2	3,149.72	1/2	3,336.41	1/2	3,517.03	1/2		1/2		1/2		1/2		1/2	
3/4	2,775.45	3/4	2,966.87	3/4	3,153.61	3/4	3,340.30	3/4	3,519.41	3/4		3/4		3/4		3/4		3/4	
2	2,779.45	2	2,970.77	2	3,157.50	2	3,344.19	2	3,521.79	2		2		2		2		2	
1/4	2,783.45	1/4	2,974.67	1/4	3,161.39	1/4	3,348.08	1/4	3,523.36	1/4		1/4		1/4		1/4		1/4	
1/2	2,787.44	1/2	2,978.56	1/2	3,165.28	1/2	3,351.97	1/2	3,524.92	1/2		1/2		1/2		1/2		1/2	
3/4	2,791.44	3/4	2,982.46	3/4	3,169.17	3/4	3,355.86	3/4	3,526.49	3/4		3/4		3/4		3/4		3/4	
3	2,795.43	3	2,986.36	3	3,173.05	3	3,359.75	3	3,528.05	3		3		3		3		3	
1/4	2,799.43	1/4	2,990.25	1/4	3,176.94	1/4	3,363.64	1/4	3,528.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,803.42	1/2	2,994.14	1/2	3,180.83	1/2	3,367.53	1/2	3,529.55	1/2		1/2		1/2		1/2		1/2	
3/4	2,807.42	3/4	2,998.03	3/4	3,184.72	3/4	3,371.42	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,811.42	4	3,001.92	4	3,188.61	4	3,375.31	4		4		4		4		4		4	
1/4	2,815.41	1/4	3,005.81	1/4	3,192.50	1/4	3,379.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,819.41	1/2	3,009.70	1/2	3,196.39	1/2	3,383.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,823.40	3/4	3,013.59	3/4	3,200.28	3/4	3,386.98	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,827.40	5	3,017.47	5	3,204.17	5	3,390.87	5		5		5		5		5		5	
1/4	2,831.39	1/4	3,021.36	1/4	3,208.06	1/4	3,394.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,835.39	1/2	3,025.25	1/2	3,211.95	1/2	3,398.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,839.39	3/4	3,029.14	3/4	3,215.84	3/4	3,402.54	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,843.38	6	3,033.03	6	3,219.73	6	3,406.42	6		6		6		6		6		6	
1/4	2,847.38	1/4	3,036.92	1/4	3,223.62	1/4	3,410.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,851.37	1/2	3,040.81	1/2	3,227.51	1/2	3,414.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,855.37	3/4	3,044.70	3/4	3,231.40	3/4	3,418.09	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,859.36	7	3,048.59	7	3,235.29	7	3,421.98	7		7		7		7		7		7	
1/4	2,863.36	1/4	3,052.48	1/4	3,239.18	1/4	3,425.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,867.35	1/2	3,056.37	1/2	3,243.07	1/2	3,429.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,871.35	3/4	3,060.26	3/4	3,246.96	3/4	3,433.65	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,875.35	8	3,064.15	8	3,250.84	8	3,437.54	8		8		8		8		8		8	
1/4	2,879.34	1/4	3,068.04	1/4	3,254.73	1/4	3,441.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,883.34	1/2	3,071.93	1/2	3,258.62	1/2	3,445.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,887.33	3/4	3,075.82	3/4	3,262.51	3/4	3,449.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,891.33	9	3,079.71	9	3,266.40	9	3,453.10	9		9		9		9		9		9	
1/4	2,895.32	1/4	3,083.60	1/4	3,270.29	1/4	3,456.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,899.32	1/2	3,087.49	1/2	3,274.18	1/2	3,460.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,903.32	3/4	3,091.38	3/4	3,278.07	3/4	3,464.77	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,907.31	10	3,095.26	10	3,281.96	10	3,468.66	10		10		10		10		10		10	
1/4	2,911.31	1/4	3,099.15	1/4	3,285.85	1/4	3,472.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,915.30	1/2	3,103.04	1/2	3,289.74	1/2	3,476.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,919.30	3/4	3,106.93	3/4	3,293.63	3/4	3,480.29	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,923.29	11	3,110.82	11	3,297.52	11	3,484.16	11		11		11		11		11		11	
1/4	2,927.29	1/4	3,114.71	1/4	3,301.41	1/4	3,487.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,931.29	1/2	3,118.60	1/2	3,305.30	1/2	3,491.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,935.28	3/4	3,122.49	3/4	3,309.19	3/4	3,495.47	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/10/2014 CL
CALCULATED: 07/10/2014 CL
PRINTED: 07/10/2014 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 951"

2 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	15.27	0	279.65	0	553.50	0	819.50	0	1,088.31	0	1,361.79	0	1,635.32	0	1,908.95	0	2,182.39	0	2,455.82
1/4	19.19	1/4	285.35	1/4	559.21	1/4	824.93	1/4	1,094.01	1/4	1,367.49	1/4	1,641.03	1/4	1,914.64	1/4	2,188.09	1/4	2,461.51
1/2	23.10	1/2	291.06	1/2	564.91	1/2	830.37	1/2	1,099.71	1/2	1,373.18	1/2	1,646.73	1/2	1,920.34	1/2	2,193.78	1/2	2,467.21
3/4	27.02	3/4	296.76	3/4	570.62	3/4	835.81	3/4	1,105.41	3/4	1,378.87	3/4	1,652.43	3/4	1,926.04	3/4	2,199.48	3/4	2,472.91
1	30.94	1	302.47	1	576.32	1	841.24	1	1,111.11	1	1,384.57	1	1,658.13	1	1,931.73	1	2,205.18	1	2,478.60
1/4	36.10	1/4	308.17	1/4	582.03	1/4	846.68	1/4	1,116.81	1/4	1,390.26	1/4	1,663.84	1/4	1,937.43	1/4	2,210.87	1/4	2,484.30
1/2	41.26	1/2	313.88	1/2	587.73	1/2	852.12	1/2	1,122.51	1/2	1,395.95	1/2	1,669.54	1/2	1,943.13	1/2	2,216.57	1/2	2,490.00
3/4	46.43	3/4	319.58	3/4	593.44	3/4	857.57	3/4	1,128.21	3/4	1,401.64	3/4	1,675.24	3/4	1,948.83	3/4	2,222.26	3/4	2,495.69
2	51.59	2	325.28	2	599.14	2	863.01	2	1,133.90	2	1,407.34	2	1,680.94	2	1,954.52	2	2,227.96	2	2,501.39
1/4	57.27	1/4	330.99	1/4	604.85	1/4	868.45	1/4	1,139.60	1/4	1,413.03	1/4	1,686.65	1/4	1,960.22	1/4	2,233.66	1/4	2,507.08
1/2	62.95	1/2	336.69	1/2	610.55	1/2	873.90	1/2	1,145.30	1/2	1,418.73	1/2	1,692.35	1/2	1,965.92	1/2	2,239.35	1/2	2,512.78
3/4	68.63	3/4	342.40	3/4	616.26	3/4	879.35	3/4	1,151.00	3/4	1,424.42	3/4	1,698.05	3/4	1,971.61	3/4	2,245.05	3/4	2,518.48
3	74.32	3	348.11	3	621.96	3	884.79	3	1,156.70	3	1,430.12	3	1,703.75	3	1,977.31	3	2,250.75	3	2,524.17
1/4	80.02	1/4	353.81	1/4	627.67	1/4	890.26	1/4	1,162.40	1/4	1,435.81	1/4	1,709.46	1/4	1,983.01	1/4	2,256.44	1/4	2,529.87
1/2	85.72	1/2	359.52	1/2	633.38	1/2	895.72	1/2	1,168.10	1/2	1,441.51	1/2	1,715.16	1/2	1,988.70	1/2	2,262.14	1/2	2,535.57
3/4	91.41	3/4	365.22	3/4	639.08	3/4	901.18	3/4	1,173.80	3/4	1,447.21	3/4	1,720.86	3/4	1,994.40	3/4	2,267.84	3/4	2,541.26
4	97.11	4	370.93	4	644.79	4	906.65	4	1,179.50	4	1,452.91	4	1,726.56	4	2,000.10	4	2,273.53	4	2,546.96
1/4	102.82	1/4	376.63	1/4	650.42	1/4	912.17	1/4	1,185.20	1/4	1,458.61	1/4	1,732.26	1/4	2,005.80	1/4	2,279.23	1/4	2,552.65
1/2	108.52	1/2	382.34	1/2	656.06	1/2	917.69	1/2	1,190.90	1/2	1,464.31	1/2	1,737.97	1/2	2,011.49	1/2	2,284.92	1/2	2,558.35
3/4	114.23	3/4	388.04	3/4	661.70	3/4	923.21	3/4	1,196.60	3/4	1,470.00	3/4	1,743.67	3/4	2,017.19	3/4	2,290.62	3/4	2,564.05
5	119.93	5	393.75	5	667.34	5	928.73	5	1,202.30	5	1,475.70	5	1,749.37	5	2,022.89	5	2,296.32	5	2,569.74
1/4	125.64	1/4	399.45	1/4	672.77	1/4	934.43	1/4	1,207.99	1/4	1,481.40	1/4	1,755.07	1/4	2,028.58	1/4	2,302.01	1/4	2,575.43
1/2	131.34	1/2	405.16	1/2	678.21	1/2	940.13	1/2	1,213.69	1/2	1,487.10	1/2	1,760.78	1/2	2,034.28	1/2	2,307.71	1/2	2,581.12
3/4	137.05	3/4	410.87	3/4	683.64	3/4	945.83	3/4	1,219.39	3/4	1,492.80	3/4	1,766.48	3/4	2,039.98	3/4	2,313.41	3/4	2,586.80
6	142.75	6	416.57	6	689.07	6	951.53	6	1,225.09	6	1,498.49	6	1,772.18	6	2,045.67	6	2,319.10	6	2,592.49
1/4	148.46	1/4	422.28	1/4	694.51	1/4	957.23	1/4	1,230.79	1/4	1,504.19	1/4	1,777.88	1/4	2,051.37	1/4	2,324.80	1/4	2,598.15
1/2	154.16	1/2	427.98	1/2	699.94	1/2	962.93	1/2	1,236.49	1/2	1,509.89	1/2	1,783.59	1/2	2,057.07	1/2	2,330.50	1/2	2,603.82
3/4	159.86	3/4	433.69	3/4	705.38	3/4	968.63	3/4	1,242.19	3/4	1,515.59	3/4	1,789.29	3/4	2,062.76	3/4	2,336.19	3/4	2,609.48
7	165.57	7	439.39	7	710.81	7	974.33	7	1,247.89	7	1,521.29	7	1,794.99	7	2,068.46	7	2,341.89	7	2,615.14
1/4	171.27	1/4	445.10	1/4	716.25	1/4	980.03	1/4	1,253.59	1/4	1,526.99	1/4	1,800.69	1/4	2,074.16	1/4	2,347.59	1/4	2,620.80
1/2	176.98	1/2	450.80	1/2	721.68	1/2	985.73	1/2	1,259.29	1/2	1,532.69	1/2	1,806.39	1/2	2,079.85	1/2	2,353.28	1/2	2,626.46
3/4	182.68	3/4	456.51	3/4	727.11	3/4	991.42	3/4	1,264.99	3/4	1,538.39	3/4	1,812.09	3/4	2,085.55	3/4	2,358.98	3/4	2,632.13
8	188.38	8	462.21	8	732.55	8	997.12	8	1,270.69	8	1,544.09	8	1,817.79	8	2,091.25	8	2,364.67	8	2,637.79
1/4	194.09	1/4	467.92	1/4	737.98	1/4	1,002.82	1/4	1,276.38	1/4	1,549.79	1/4	1,823.49	1/4	2,096.94	1/4	2,370.37	1/4	2,643.45
1/2	199.79	1/2	473.62	1/2	743.42	1/2	1,008.52	1/2	1,282.08	1/2	1,555.49	1/2	1,829.19	1/2	2,102.64	1/2	2,376.07	1/2	2,649.11
3/4	205.50	3/4	479.33	3/4	748.85	3/4	1,014.22	3/4	1,287.78	3/4	1,561.19	3/4	1,834.89	3/4	2,108.34	3/4	2,381.76	3/4	2,654.78
9	211.20	9	485.04	9	754.29	9	1,019.92	9	1,293.48	9	1,566.90	9	1,840.58	9	2,114.03	9	2,387.46	9	2,660.44
1/4	216.91	1/4	490.74	1/4	759.72	1/4	1,025.62	1/4	1,299.17	1/4	1,572.60	1/4	1,846.28	1/4	2,119.73	1/4	2,393.16	1/4	2,666.10
1/2	222.61	1/2	496.45	1/2	765.15	1/2	1,031.32	1/2	1,304.86	1/2	1,578.30	1/2	1,851.98	1/2	2,125.43	1/2	2,398.85	1/2	2,671.77
3/4	228.31	3/4	502.15	3/4	770.59	3/4	1,037.02	3/4	1,310.56	3/4	1,584.00	3/4	1,857.67	3/4	2,131.12	3/4	2,404.55	3/4	2,677.44
10	234.02	10	507.86	10	776.02	10	1,042.72	10	1,316.25	10	1,589.70	10	1,863.37	10	2,136.82	10	2,410.25	10	2,683.10
1/4	239.72	1/4	513.56	1/4	781.46	1/4	1,048.42	1/4	1,321.94	1/4	1,595.41	1/4	1,869.07	1/4	2,142.51	1/4	2,415.94	1/4	2,688.78
1/2	245.43	1/2	519.27	1/2	786.89	1/2	1,054.12	1/2	1,327.64	1/2	1,601.11	1/2	1,874.76	1/2	2,148.21	1/2	2,421.64	1/2	2,694.46
3/4	251.13	3/4	524.97	3/4	792.33	3/4	1,059.82	3/4	1,333.33	3/4	1,606.81	3/4	1,880.46	3/4	2,153.91	3/4	2,427.33	3/4	2,700.13
11	256.83	11	530.68	11	797.76	11	1,065.51	11	1,339.02	11	1,612.51	11	1,886.16	11	2,159.60	11	2,433.03	11	2,705.81
1/4	262.54	1/4	536.38	1/4	803.19	1/4	1,071.21	1/4	1,344.71	1/4	1,618.22	1/4	1,891.86	1/4	2,165.30	1/4	2,438.73	1/4	2,711.07
1/2	268.24	1/2	542.09	1/2	808.63	1/2	1,076.91	1/2	1,350.41	1/2	1,623.92	1/2	1,897.55	1/2	2,171.00	1/2	2,444.42	1/2	2,716.32
3/4	273.95	3/4	547.79	3/4	814.06	3/4	1,082.61	3/4	1,356.10	3/4	1,629.62	3/4	1,903.25	3/4	2,176.69	3/4	2,450.12	3/4	2,721.58

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 951"

**2 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	2,726.83	0	2,918.50	0	3,105.47	0	3,292.04	0	3,478.06	0		0		0		0		0	
1/4	2,730.83	1/4	2,922.47	1/4	3,109.36	1/4	3,295.93	1/4	3,481.31	1/4		1/4		1/4		1/4		1/4	
1/2	2,734.82	1/2	2,926.44	1/2	3,113.25	1/2	3,299.81	1/2	3,484.56	1/2		1/2		1/2		1/2		1/2	
3/4	2,738.81	3/4	2,930.41	3/4	3,117.13	3/4	3,303.70	3/4	3,487.82	3/4		3/4		3/4		3/4		3/4	
1	2,742.81	1	2,934.38	1	3,121.02	1	3,307.59	1	3,491.07	1		1		1		1		1	
1/4	2,746.80	1/4	2,938.27	1/4	3,124.91	1/4	3,311.47	1/4	3,493.45	1/4		1/4		1/4		1/4		1/4	
1/2	2,750.79	1/2	2,942.17	1/2	3,128.79	1/2	3,315.36	1/2	3,495.83	1/2		1/2		1/2		1/2		1/2	
3/4	2,754.79	3/4	2,946.07	3/4	3,132.68	3/4	3,319.25	3/4	3,498.21	3/4		3/4		3/4		3/4		3/4	
2	2,758.78	2	2,949.97	2	3,136.57	2	3,323.13	2	3,500.60	2		2		2		2		2	
1/4	2,762.77	1/4	2,953.86	1/4	3,140.45	1/4	3,327.02	1/4	3,502.16	1/4		1/4		1/4		1/4		1/4	
1/2	2,766.76	1/2	2,957.76	1/2	3,144.34	1/2	3,330.91	1/2	3,503.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,770.76	3/4	2,961.65	3/4	3,148.23	3/4	3,334.79	3/4	3,505.29	3/4		3/4		3/4		3/4		3/4	
3	2,774.75	3	2,965.55	3	3,152.11	3	3,338.68	3	3,506.85	3		3		3		3		3	
1/4	2,778.74	1/4	2,969.43	1/4	3,156.00	1/4	3,342.57	1/4	3,507.60	1/4		1/4		1/4		1/4		1/4	
1/2	2,782.74	1/2	2,973.32	1/2	3,159.89	1/2	3,346.45	1/2	3,508.34	1/2		1/2		1/2		1/2		1/2	
3/4	2,786.73	3/4	2,977.21	3/4	3,163.77	3/4	3,350.34	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,790.72	4	2,981.09	4	3,167.66	4	3,354.23	4		4		4		4		4		4	
1/4	2,794.72	1/4	2,984.98	1/4	3,171.55	1/4	3,358.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,798.71	1/2	2,988.87	1/2	3,175.43	1/2	3,362.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,802.70	3/4	2,992.75	3/4	3,179.32	3/4	3,365.89	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,806.69	5	2,996.64	5	3,183.21	5	3,369.77	5		5		5		5		5		5	
1/4	2,810.69	1/4	3,000.53	1/4	3,187.09	1/4	3,373.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,814.68	1/2	3,004.42	1/2	3,190.98	1/2	3,377.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,818.67	3/4	3,008.30	3/4	3,194.87	3/4	3,381.43	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,822.67	6	3,012.19	6	3,198.76	6	3,385.32	6		6		6		6		6		6	
1/4	2,826.66	1/4	3,016.08	1/4	3,202.64	1/4	3,389.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,830.65	1/2	3,019.96	1/2	3,206.53	1/2	3,393.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,834.65	3/4	3,023.85	3/4	3,210.42	3/4	3,396.98	3/4		3/4		3/4		3/4		3/4		3/4	
7	2,838.64	7	3,027.74	7	3,214.30	7	3,400.87	7		7		7		7		7		7	
1/4	2,842.63	1/4	3,031.62	1/4	3,218.19	1/4	3,404.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,846.62	1/2	3,035.51	1/2	3,222.08	1/2	3,408.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,850.62	3/4	3,039.40	3/4	3,225.96	3/4	3,412.53	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,854.61	8	3,043.28	8	3,229.85	8	3,416.42	8		8		8		8		8		8	
1/4	2,858.60	1/4	3,047.17	1/4	3,233.74	1/4	3,420.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,862.60	1/2	3,051.06	1/2	3,237.62	1/2	3,424.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,866.59	3/4	3,054.94	3/4	3,241.51	3/4	3,428.08	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,870.58	9	3,058.83	9	3,245.40	9	3,431.96	9		9		9		9		9		9	
1/4	2,874.58	1/4	3,062.72	1/4	3,249.28	1/4	3,435.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,878.57	1/2	3,066.60	1/2	3,253.17	1/2	3,439.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,882.56	3/4	3,070.49	3/4	3,257.06	3/4	3,443.62	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,886.55	10	3,074.38	10	3,260.94	10	3,447.50	10		10		10		10		10		10	
1/4	2,890.55	1/4	3,078.26	1/4	3,264.83	1/4	3,451.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,894.54	1/2	3,082.15	1/2	3,268.72	1/2	3,455.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,898.53	3/4	3,086.04	3/4	3,272.60	3/4	3,459.12	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,902.53	11	3,089.92	11	3,276.49	11	3,463.00	11		11		11		11		11		11	
1/4	2,906.52	1/4	3,093.81	1/4	3,280.38	1/4	3,466.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,910.51	1/2	3,097.70	1/2	3,284.26	1/2	3,470.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,914.51	3/4	3,101.59	3/4	3,288.15	3/4	3,474.29	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 951"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 3'-11"

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 951"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-11 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	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 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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