



BARGE "MPC 976"

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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8

(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 - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 283'-00"

October 28, 2013

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 976"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26.50	0	401.49	0	786.74	0	1,171.58	0	1,556.75	0	1,942.00	0	2,327.25	0	2,712.50	0	3,097.75	0	3,482.94
1/4	32.51	1/4	409.52	1/4	794.76	1/4	1,179.59	1/4	1,564.77	1/4	1,950.03	1/4	2,335.28	1/4	2,720.53	1/4	3,105.77	1/4	3,490.97
1/2	38.53	1/2	417.55	1/2	802.79	1/2	1,187.61	1/2	1,572.80	1/2	1,958.05	1/2	2,343.30	1/2	2,728.56	1/2	3,113.80	1/2	3,498.99
3/4	44.55	3/4	425.57	3/4	810.82	3/4	1,195.62	3/4	1,580.82	3/4	1,966.08	3/4	2,351.33	3/4	2,736.58	3/4	3,121.82	3/4	3,507.01
1	50.57	1	433.60	1	818.84	1	1,203.64	1	1,588.85	1	1,974.10	1	2,359.36	1	2,744.61	1	3,129.85	1	3,515.04
1/4	58.08	1/4	441.62	1/4	826.87	1/4	1,211.66	1/4	1,596.88	1/4	1,982.13	1/4	2,367.38	1/4	2,752.64	1/4	3,137.87	1/4	3,523.06
1/2	65.58	1/2	449.65	1/2	834.89	1/2	1,219.68	1/2	1,604.90	1/2	1,990.16	1/2	2,375.41	1/2	2,760.66	1/2	3,145.90	1/2	3,531.09
3/4	73.08	3/4	457.68	3/4	842.92	3/4	1,227.70	3/4	1,612.93	3/4	1,998.18	3/4	2,383.43	3/4	2,768.69	3/4	3,153.92	3/4	3,539.11
2	80.59	2	465.70	2	850.95	2	1,235.72	2	1,620.95	2	2,006.21	2	2,391.46	2	2,776.71	2	3,161.95	2	3,547.13
1/4	88.59	1/4	473.73	1/4	858.97	1/4	1,243.74	1/4	1,628.98	1/4	2,014.23	1/4	2,399.49	1/4	2,784.74	1/4	3,169.97	1/4	3,555.16
1/2	96.59	1/2	481.75	1/2	867.00	1/2	1,251.76	1/2	1,637.01	1/2	2,022.26	1/2	2,407.51	1/2	2,792.77	1/2	3,178.00	1/2	3,563.18
3/4	104.59	3/4	489.78	3/4	875.02	3/4	1,259.78	3/4	1,645.03	3/4	2,030.29	3/4	2,415.54	3/4	2,800.79	3/4	3,186.02	3/4	3,571.21
3	112.59	3	497.81	3	883.05	3	1,267.81	3	1,653.06	3	2,038.31	3	2,423.56	3	2,808.82	3	3,194.05	3	3,579.23
1/4	120.61	1/4	505.83	1/4	891.07	1/4	1,275.83	1/4	1,661.09	1/4	2,046.34	1/4	2,431.59	1/4	2,816.85	1/4	3,202.07	1/4	3,587.25
1/2	128.63	1/2	513.86	1/2	899.10	1/2	1,283.86	1/2	1,669.11	1/2	2,054.36	1/2	2,439.62	1/2	2,824.88	1/2	3,210.10	1/2	3,595.28
3/4	136.65	3/4	521.88	3/4	907.13	3/4	1,291.88	3/4	1,677.14	3/4	2,062.39	3/4	2,447.64	3/4	2,832.91	3/4	3,218.12	3/4	3,603.30
4	144.67	4	529.91	4	915.15	4	1,299.91	4	1,685.16	4	2,070.42	4	2,455.67	4	2,840.94	4	3,226.15	4	3,611.33
1/4	152.69	1/4	537.94	1/4	923.17	1/4	1,307.94	1/4	1,693.19	1/4	2,078.44	1/4	2,463.70	1/4	2,848.96	1/4	3,234.17	1/4	3,619.35
1/2	160.72	1/2	545.96	1/2	931.19	1/2	1,315.96	1/2	1,701.22	1/2	2,086.47	1/2	2,471.72	1/2	2,856.99	1/2	3,242.20	1/2	3,627.38
3/4	168.74	3/4	553.99	3/4	939.21	3/4	1,323.99	3/4	1,709.24	3/4	2,094.49	3/4	2,479.75	3/4	2,865.01	3/4	3,250.22	3/4	3,635.40
5	176.77	5	562.01	5	947.24	5	1,332.02	5	1,717.27	5	2,102.52	5	2,487.77	5	2,873.04	5	3,258.25	5	3,643.42
1/4	184.80	1/4	570.04	1/4	955.25	1/4	1,340.04	1/4	1,725.29	1/4	2,110.55	1/4	2,495.80	1/4	2,881.06	1/4	3,266.27	1/4	3,651.45
1/2	192.82	1/2	578.06	1/2	963.26	1/2	1,348.07	1/2	1,733.32	1/2	2,118.57	1/2	2,503.83	1/2	2,889.09	1/2	3,274.30	1/2	3,659.47
3/4	200.85	3/4	586.09	3/4	971.27	3/4	1,356.09	3/4	1,741.35	3/4	2,126.60	3/4	2,511.85	3/4	2,897.12	3/4	3,282.32	3/4	3,667.50
6	208.87	6	594.12	6	979.28	6	1,364.12	6	1,749.37	6	2,134.63	6	2,519.88	6	2,905.14	6	3,290.35	6	3,675.52
1/4	216.90	1/4	602.14	1/4	987.30	1/4	1,372.15	1/4	1,757.40	1/4	2,142.65	1/4	2,527.90	1/4	2,913.17	1/4	3,298.38	1/4	3,683.54
1/2	224.93	1/2	610.17	1/2	995.31	1/2	1,380.17	1/2	1,765.42	1/2	2,150.68	1/2	2,535.93	1/2	2,921.19	1/2	3,306.40	1/2	3,691.57
3/4	232.95	3/4	618.19	3/4	1,003.32	3/4	1,388.20	3/4	1,773.45	3/4	2,158.70	3/4	2,543.96	3/4	2,929.22	3/4	3,314.43	3/4	3,699.59
7	240.98	7	626.22	7	1,011.33	7	1,396.22	7	1,781.48	7	2,166.73	7	2,551.98	7	2,937.24	7	3,322.45	7	3,707.62
1/4	249.00	1/4	634.25	1/4	1,019.35	1/4	1,404.25	1/4	1,789.50	1/4	2,174.76	1/4	2,560.01	1/4	2,945.27	1/4	3,330.48	1/4	3,715.64
1/2	257.03	1/2	642.27	1/2	1,027.36	1/2	1,412.28	1/2	1,797.53	1/2	2,182.78	1/2	2,568.03	1/2	2,953.29	1/2	3,338.50	1/2	3,723.66
3/4	265.05	3/4	650.30	3/4	1,035.37	3/4	1,420.30	3/4	1,805.56	3/4	2,190.81	3/4	2,576.06	3/4	2,961.32	3/4	3,346.53	3/4	3,731.69
8	273.08	8	658.32	8	1,043.38	8	1,428.33	8	1,813.58	8	2,198.83	8	2,584.09	8	2,969.34	8	3,354.55	8	3,739.71
1/4	281.11	1/4	666.35	1/4	1,051.39	1/4	1,436.35	1/4	1,821.61	1/4	2,206.86	1/4	2,592.11	1/4	2,977.37	1/4	3,362.58	1/4	3,747.74
1/2	289.13	1/2	674.38	1/2	1,059.41	1/2	1,444.38	1/2	1,829.63	1/2	2,214.89	1/2	2,600.14	1/2	2,985.39	1/2	3,370.60	1/2	3,755.76
3/4	297.16	3/4	682.40	3/4	1,067.42	3/4	1,452.41	3/4	1,837.66	3/4	2,222.91	3/4	2,608.17	3/4	2,993.42	3/4	3,378.63	3/4	3,763.78
9	305.18	9	690.43	9	1,075.43	9	1,460.43	9	1,845.69	9	2,230.94	9	2,616.19	9	3,001.44	9	3,386.65	9	3,771.81
1/4	313.21	1/4	698.45	1/4	1,083.44	1/4	1,468.46	1/4	1,853.71	1/4	2,238.96	1/4	2,624.22	1/4	3,009.47	1/4	3,394.68	1/4	3,779.83
1/2	321.24	1/2	706.48	1/2	1,091.46	1/2	1,476.49	1/2	1,861.74	1/2	2,246.99	1/2	2,632.24	1/2	3,017.49	1/2	3,402.70	1/2	3,787.86
3/4	329.26	3/4	714.50	3/4	1,099.47	3/4	1,484.51	3/4	1,869.76	3/4	2,255.02	3/4	2,640.27	3/4	3,025.52	3/4	3,410.73	3/4	3,795.88
10	337.29	10	722.53	10	1,107.48	10	1,492.54	10	1,877.79	10	2,263.04	10	2,648.30	10	3,033.54	10	3,418.75	10	3,803.91
1/4	345.31	1/4	730.56	1/4	1,115.49	1/4	1,500.56	1/4	1,885.82	1/4	2,271.07	1/4	2,656.32	1/4	3,041.57	1/4	3,426.78	1/4	3,811.93
1/2	353.34	1/2	738.58	1/2	1,123.50	1/2	1,508.59	1/2	1,893.84	1/2	2,279.10	1/2	2,664.35	1/2	3,049.59	1/2	3,434.80	1/2	3,819.95
3/4	361.37	3/4	746.61	3/4	1,131.52	3/4	1,516.62	3/4	1,901.87	3/4	2,287.12	3/4	2,672.37	3/4	3,057.62	3/4	3,442.82	3/4	3,827.98
11	369.39	11	754.63	11	1,139.53	11	1,524.64	11	1,909.89	11	2,295.15	11	2,680.40	11	3,065.64	11	3,450.84	11	3,836.00
1/4	377.42	1/4	762.66	1/4	1,147.54	1/4	1,532.67	1/4	1,917.92	1/4	2,303.17	1/4	2,688.43	1/4	3,073.67	1/4	3,458.87	1/4	3,844.03
1/2	385.44	1/2	770.69	1/2	1,155.55	1/2	1,540.69	1/2	1,925.95	1/2	2,311.20	1/2	2,696.45	1/2	3,081.69	1/2	3,466.89	1/2	3,852.05
3/4	393.47	3/4	778.71	3/4	1,163.57	3/4	1,548.72	3/4	1,933.97	3/4	2,319.23	3/4	2,704.48	3/4	3,089.72	3/4	3,474.92	3/4	3,860.07

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 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "MPC 976"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 15'-06"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,868.10	0	4,253.25	0	4,638.41	0	5,022.66	0	5,404.22	0		0		0		0		0	
1/4	3,876.12	1/4	4,261.28	1/4	4,646.44	1/4	5,030.66	1/4	5,411.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,884.15	1/2	4,269.30	1/2	4,654.46	1/2	5,038.66	1/2	5,417.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,892.17	3/4	4,277.33	3/4	4,662.48	3/4	5,046.66	3/4	5,424.63	3/4		3/4		3/4		3/4		3/4	
1	3,900.19	1	4,285.35	1	4,670.51	1	5,054.66	1	5,431.44	1		1		1		1		1	
1/4	3,908.22	1/4	4,293.38	1/4	4,678.53	1/4	5,062.66	1/4	5,437.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,916.24	1/2	4,301.40	1/2	4,686.56	1/2	5,070.66	1/2	5,442.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,924.27	3/4	4,309.42	3/4	4,694.58	3/4	5,078.66	3/4	5,448.41	3/4		3/4		3/4		3/4		3/4	
2	3,932.29	2	4,317.45	2	4,702.60	2	5,086.66	2	5,454.07	2		2		2		2		2	
1/4	3,940.32	1/4	4,325.47	1/4	4,710.61	1/4	5,094.66	1/4	5,458.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,948.34	1/2	4,333.50	1/2	4,718.62	1/2	5,102.67	1/2	5,463.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,956.36	3/4	4,341.52	3/4	4,726.63	3/4	5,110.67	3/4	5,467.60	3/4		3/4		3/4		3/4		3/4	
3	3,964.39	3	4,349.54	3	4,734.64	3	5,118.67	3		3		3		3		3		3	
1/4	3,972.41	1/4	4,357.57	1/4	4,742.64	1/4	5,126.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,980.44	1/2	4,365.59	1/2	4,750.64	1/2	5,134.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,988.46	3/4	4,373.62	3/4	4,758.64	3/4	5,142.67	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,996.48	4	4,381.64	4	4,766.64	4	5,150.67	4		4		4		4		4		4	
1/4	4,004.51	1/4	4,389.66	1/4	4,774.64	1/4	5,158.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,012.53	1/2	4,397.69	1/2	4,782.65	1/2	5,166.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,020.56	3/4	4,405.71	3/4	4,790.65	3/4	5,174.67	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,028.58	5	4,413.74	5	4,798.65	5	5,182.67	5		5		5		5		5		5	
1/4	4,036.60	1/4	4,421.76	1/4	4,806.65	1/4	5,190.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,044.63	1/2	4,429.79	1/2	4,814.65	1/2	5,198.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,052.65	3/4	4,437.81	3/4	4,822.65	3/4	5,206.67	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,060.68	6	4,445.83	6	4,830.65	6	5,214.67	6		6		6		6		6		6	
1/4	4,068.70	1/4	4,453.86	1/4	4,838.65	1/4	5,222.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,076.72	1/2	4,461.88	1/2	4,846.65	1/2	5,230.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,084.75	3/4	4,469.91	3/4	4,854.65	3/4	5,238.60	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,092.77	7	4,477.93	7	4,862.65	7	5,246.57	7		7		7		7		7		7	
1/4	4,100.80	1/4	4,485.95	1/4	4,870.65	1/4	5,254.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,108.82	1/2	4,493.98	1/2	4,878.65	1/2	5,262.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,116.85	3/4	4,502.00	3/4	4,886.65	3/4	5,270.42	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,124.87	8	4,510.03	8	4,894.65	8	5,278.37	8		8		8		8		8		8	
1/4	4,132.89	1/4	4,518.05	1/4	4,902.65	1/4	5,286.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,140.92	1/2	4,526.07	1/2	4,910.65	1/2	5,294.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,148.94	3/4	4,534.10	3/4	4,918.65	3/4	5,302.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,156.97	9	4,542.12	9	4,926.65	9	5,310.16	9		9		9		9		9		9	
1/4	4,164.99	1/4	4,550.15	1/4	4,934.65	1/4	5,318.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,173.01	1/2	4,558.17	1/2	4,942.66	1/2	5,326.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,181.04	3/4	4,566.19	3/4	4,950.66	3/4	5,334.00	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,189.06	10	4,574.22	10	4,958.66	10	5,341.94	10		10		10		10		10		10	
1/4	4,197.09	1/4	4,582.24	1/4	4,966.66	1/4	5,349.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,205.11	1/2	4,590.27	1/2	4,974.66	1/2	5,357.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,213.13	3/4	4,598.29	3/4	4,982.66	3/4	5,365.72	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,221.16	11	4,606.32	11	4,990.66	11	5,373.65	11		11		11		11		11		11	
1/4	4,229.18	1/4	4,614.34	1/4	4,998.66	1/4	5,381.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,237.21	1/2	4,622.36	1/2	5,006.66	1/2	5,388.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,245.23	3/4	4,630.39	3/4	5,014.66	3/4	5,396.58	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2013 SW
CALCULATED: 10/28/2013 CL
PRINTED: 10/28/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "MPC 976"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26.50	0	401.50	0	786.75	0	1,170.31	0	1,555.16	0	1,940.39	0	2,325.63	0	2,710.87	0	3,096.07	0	3,481.25
1/4	32.51	1/4	409.52	1/4	794.77	1/4	1,178.29	1/4	1,563.18	1/4	1,948.42	1/4	2,333.66	1/4	2,718.90	1/4	3,104.10	1/4	3,489.28
1/2	38.53	1/2	417.55	1/2	802.80	1/2	1,186.28	1/2	1,571.21	1/2	1,956.45	1/2	2,341.68	1/2	2,726.92	1/2	3,112.12	1/2	3,497.30
3/4	44.55	3/4	425.58	3/4	810.82	3/4	1,194.26	3/4	1,579.23	3/4	1,964.47	3/4	2,349.71	3/4	2,734.95	3/4	3,120.15	3/4	3,505.32
1	50.57	1	433.60	1	818.85	1	1,202.25	1	1,587.26	1	1,972.50	1	2,357.74	1	2,742.97	1	3,128.17	1	3,513.35
1/4	58.08	1/4	441.63	1/4	826.88	1/4	1,210.23	1/4	1,595.29	1/4	1,980.52	1/4	2,365.76	1/4	2,751.00	1/4	3,136.20	1/4	3,521.37
1/2	65.58	1/2	449.65	1/2	834.90	1/2	1,218.22	1/2	1,603.31	1/2	1,988.55	1/2	2,373.79	1/2	2,759.03	1/2	3,144.22	1/2	3,529.39
3/4	73.08	3/4	457.68	3/4	842.93	3/4	1,226.21	3/4	1,611.34	3/4	1,996.58	3/4	2,381.81	3/4	2,767.05	3/4	3,152.24	3/4	3,537.42
2	80.59	2	465.71	2	850.95	2	1,234.20	2	1,619.36	2	2,004.60	2	2,389.84	2	2,775.08	2	3,160.27	2	3,545.44
1/4	88.59	1/4	473.73	1/4	858.96	1/4	1,242.21	1/4	1,627.39	1/4	2,012.63	1/4	2,397.87	1/4	2,783.10	1/4	3,168.29	1/4	3,553.47
1/2	96.59	1/2	481.76	1/2	866.96	1/2	1,250.21	1/2	1,635.41	1/2	2,020.65	1/2	2,405.89	1/2	2,791.13	1/2	3,176.32	1/2	3,561.49
3/4	104.59	3/4	489.78	3/4	874.97	3/4	1,258.22	3/4	1,643.44	3/4	2,028.68	3/4	2,413.92	3/4	2,799.16	3/4	3,184.34	3/4	3,569.51
3	112.59	3	497.81	3	882.97	3	1,266.23	3	1,651.47	3	2,036.70	3	2,421.94	3	2,807.18	3	3,192.37	3	3,577.54
1/4	120.61	1/4	505.84	1/4	890.96	1/4	1,274.25	1/4	1,659.49	1/4	2,044.73	1/4	2,429.97	1/4	2,815.21	1/4	3,200.39	1/4	3,585.56
1/2	128.63	1/2	513.86	1/2	898.95	1/2	1,282.28	1/2	1,667.52	1/2	2,052.76	1/2	2,437.99	1/2	2,823.23	1/2	3,208.42	1/2	3,593.58
3/4	136.65	3/4	521.89	3/4	906.93	3/4	1,290.30	3/4	1,675.54	3/4	2,060.78	3/4	2,446.02	3/4	2,831.26	3/4	3,216.44	3/4	3,601.61
4	144.67	4	529.91	4	914.92	4	1,298.33	4	1,683.57	4	2,068.81	4	2,454.05	4	2,839.28	4	3,224.47	4	3,609.63
1/4	152.69	1/4	537.94	1/4	922.90	1/4	1,306.36	1/4	1,691.59	1/4	2,076.83	1/4	2,462.07	1/4	2,847.31	1/4	3,232.49	1/4	3,617.65
1/2	160.72	1/2	545.97	1/2	930.88	1/2	1,314.38	1/2	1,699.62	1/2	2,084.86	1/2	2,470.10	1/2	2,855.33	1/2	3,240.52	1/2	3,625.68
3/4	168.74	3/4	553.99	3/4	938.86	3/4	1,322.41	3/4	1,707.65	3/4	2,092.88	3/4	2,478.12	3/4	2,863.36	3/4	3,248.54	3/4	3,633.70
5	176.77	5	562.02	5	946.85	5	1,330.43	5	1,715.67	5	2,100.91	5	2,486.15	5	2,871.38	5	3,256.57	5	3,641.72
1/4	184.80	1/4	570.04	1/4	954.82	1/4	1,338.46	1/4	1,723.70	1/4	2,108.94	1/4	2,494.17	1/4	2,879.40	1/4	3,264.59	1/4	3,649.75
1/2	192.82	1/2	578.07	1/2	962.80	1/2	1,346.49	1/2	1,731.72	1/2	2,116.96	1/2	2,502.20	1/2	2,887.43	1/2	3,272.62	1/2	3,657.77
3/4	200.85	3/4	586.10	3/4	970.78	3/4	1,354.51	3/4	1,739.75	3/4	2,124.99	3/4	2,510.23	3/4	2,895.45	3/4	3,280.64	3/4	3,665.80
6	208.87	6	594.12	6	978.76	6	1,362.54	6	1,747.78	6	2,133.01	6	2,518.25	6	2,903.48	6	3,288.66	6	3,673.82
1/4	216.90	1/4	602.15	1/4	986.74	1/4	1,370.56	1/4	1,755.80	1/4	2,141.04	1/4	2,526.28	1/4	2,911.50	1/4	3,296.69	1/4	3,681.84
1/2	224.93	1/2	610.17	1/2	994.72	1/2	1,378.59	1/2	1,763.83	1/2	2,149.07	1/2	2,534.30	1/2	2,919.53	1/2	3,304.71	1/2	3,689.87
3/4	232.95	3/4	618.20	3/4	1,002.70	3/4	1,386.61	3/4	1,771.85	3/4	2,157.09	3/4	2,542.33	3/4	2,927.55	3/4	3,312.74	3/4	3,697.89
7	240.98	7	626.23	7	1,010.68	7	1,394.64	7	1,779.88	7	2,165.12	7	2,550.36	7	2,935.58	7	3,320.76	7	3,705.91
1/4	249.00	1/4	634.25	1/4	1,018.66	1/4	1,402.67	1/4	1,787.90	1/4	2,173.14	1/4	2,558.38	1/4	2,943.60	1/4	3,328.79	1/4	3,713.94
1/2	257.03	1/2	642.28	1/2	1,026.64	1/2	1,410.69	1/2	1,795.93	1/2	2,181.17	1/2	2,566.41	1/2	2,951.63	1/2	3,336.81	1/2	3,721.96
3/4	265.06	3/4	650.30	3/4	1,034.63	3/4	1,418.72	3/4	1,803.96	3/4	2,189.19	3/4	2,574.43	3/4	2,959.65	3/4	3,344.84	3/4	3,729.98
8	273.08	8	658.33	8	1,042.61	8	1,426.74	8	1,811.98	8	2,197.22	8	2,582.46	8	2,967.68	8	3,352.86	8	3,738.01
1/4	281.11	1/4	666.36	1/4	1,050.59	1/4	1,434.77	1/4	1,820.01	1/4	2,205.25	1/4	2,590.48	1/4	2,975.70	1/4	3,360.89	1/4	3,746.03
1/2	289.13	1/2	674.38	1/2	1,058.57	1/2	1,442.79	1/2	1,828.03	1/2	2,213.27	1/2	2,598.51	1/2	2,983.73	1/2	3,368.91	1/2	3,754.06
3/4	297.16	3/4	682.41	3/4	1,066.55	3/4	1,450.82	3/4	1,836.06	3/4	2,221.30	3/4	2,606.54	3/4	2,991.75	3/4	3,376.94	3/4	3,762.08
9	305.19	9	690.43	9	1,074.53	9	1,458.85	9	1,844.08	9	2,229.32	9	2,614.56	9	2,999.78	9	3,384.96	9	3,770.10
1/4	313.21	1/4	698.46	1/4	1,082.51	1/4	1,466.87	1/4	1,852.11	1/4	2,237.35	1/4	2,622.59	1/4	3,007.80	1/4	3,392.99	1/4	3,778.13
1/2	321.24	1/2	706.49	1/2	1,090.49	1/2	1,474.90	1/2	1,860.14	1/2	2,245.37	1/2	2,630.61	1/2	3,015.82	1/2	3,401.01	1/2	3,786.15
3/4	329.26	3/4	714.51	3/4	1,098.48	3/4	1,482.92	3/4	1,868.16	3/4	2,253.40	3/4	2,638.64	3/4	3,023.85	3/4	3,409.04	3/4	3,794.17
10	337.29	10	722.54	10	1,106.46	10	1,490.95	10	1,876.19	10	2,261.43	10	2,646.66	10	3,031.87	10	3,417.06	10	3,802.20
1/4	345.32	1/4	730.56	1/4	1,114.44	1/4	1,498.98	1/4	1,884.21	1/4	2,269.45	1/4	2,654.69	1/4	3,039.90	1/4	3,425.08	1/4	3,810.22
1/2	353.34	1/2	738.59	1/2	1,122.42	1/2	1,507.00	1/2	1,892.24	1/2	2,277.48	1/2	2,662.72	1/2	3,047.92	1/2	3,433.11	1/2	3,818.24
3/4	361.37	3/4	746.62	3/4	1,130.40	3/4	1,515.03	3/4	1,900.27	3/4	2,285.50	3/4	2,670.74	3/4	3,055.95	3/4	3,441.13	3/4	3,826.27
11	369.39	11	754.64	11	1,138.38	11	1,523.05	11	1,908.29	11	2,293.53	11	2,678.77	11	3,063.97	11	3,449.16	11	3,834.29
1/4	377.42	1/4	762.67	1/4	1,146.36	1/4	1,531.08	1/4	1,916.32	1/4	2,301.56	1/4	2,686.79	1/4	3,072.00	1/4	3,457.18	1/4	3,842.31
1/2	385.45	1/2	770.69	1/2	1,154.34	1/2	1,539.10	1/2	1,924.34	1/2	2,309.58	1/2	2,694.82	1/2	3,080.02	1/2	3,465.21	1/2	3,850.34
3/4	393.47	3/4	778.72	3/4	1,162.33	3/4	1,547.13	3/4	1,932.37	3/4	2,317.61	3/4	2,702.85	3/4	3,088.05	3/4	3,473.23	3/4	3,858.36

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 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MPC 976"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 15'-06"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,866.39	0	4,251.52	0	4,636.65	0	5,020.89	0	5,402.45	0		0		0		0		0	
1/4	3,874.41	1/4	4,259.54	1/4	4,644.68	1/4	5,028.89	1/4	5,409.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,882.43	1/2	4,267.57	1/2	4,652.70	1/2	5,036.89	1/2	5,416.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,890.46	3/4	4,275.59	3/4	4,660.72	3/4	5,044.89	3/4	5,422.85	3/4		3/4		3/4		3/4		3/4	
1	3,898.48	1	4,283.61	1	4,668.75	1	5,052.89	1	5,429.66	1		1		1		1		1	
1/4	3,906.50	1/4	4,291.64	1/4	4,676.77	1/4	5,060.89	1/4	5,435.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,914.53	1/2	4,299.66	1/2	4,684.79	1/2	5,068.89	1/2	5,440.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,922.55	3/4	4,307.68	3/4	4,692.82	3/4	5,076.89	3/4	5,446.63	3/4		3/4		3/4		3/4		3/4	
2	3,930.57	2	4,315.71	2	4,700.84	2	5,084.89	2	5,452.29	2		2		2		2		2	
1/4	3,938.60	1/4	4,323.73	1/4	4,708.85	1/4	5,092.89	1/4	5,456.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,946.62	1/2	4,331.75	1/2	4,716.87	1/2	5,100.89	1/2	5,461.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,954.65	3/4	4,339.78	3/4	4,724.88	3/4	5,108.89	3/4	5,465.82	3/4		3/4		3/4		3/4		3/4	
3	3,962.67	3	4,347.80	3	4,732.89	3	5,116.89	3		3		3		3		3		3	
1/4	3,970.69	1/4	4,355.83	1/4	4,740.89	1/4	5,124.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,978.72	1/2	4,363.85	1/2	4,748.89	1/2	5,132.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,986.74	3/4	4,371.87	3/4	4,756.89	3/4	5,140.89	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,994.76	4	4,379.90	4	4,764.89	4	5,148.90	4		4		4		4		4		4	
1/4	4,002.79	1/4	4,387.92	1/4	4,772.89	1/4	5,156.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,010.81	1/2	4,395.94	1/2	4,780.89	1/2	5,164.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,018.83	3/4	4,403.97	3/4	4,788.89	3/4	5,172.90	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,026.86	5	4,411.99	5	4,796.89	5	5,180.90	5		5		5		5		5		5	
1/4	4,034.88	1/4	4,420.01	1/4	4,804.89	1/4	5,188.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,042.90	1/2	4,428.04	1/2	4,812.89	1/2	5,196.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,050.93	3/4	4,436.06	3/4	4,820.89	3/4	5,204.90	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,058.95	6	4,444.08	6	4,828.89	6	5,212.90	6		6		6		6		6		6	
1/4	4,066.98	1/4	4,452.11	1/4	4,836.89	1/4	5,220.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,075.00	1/2	4,460.13	1/2	4,844.89	1/2	5,228.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,083.02	3/4	4,468.16	3/4	4,852.89	3/4	5,236.82	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,091.05	7	4,476.18	7	4,860.89	7	5,244.79	7		7		7		7		7		7	
1/4	4,099.07	1/4	4,484.20	1/4	4,868.89	1/4	5,252.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,107.09	1/2	4,492.23	1/2	4,876.89	1/2	5,260.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,115.12	3/4	4,500.25	3/4	4,884.89	3/4	5,268.64	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,123.14	8	4,508.27	8	4,892.89	8	5,276.59	8		8		8		8		8		8	
1/4	4,131.16	1/4	4,516.30	1/4	4,900.89	1/4	5,284.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,139.19	1/2	4,524.32	1/2	4,908.89	1/2	5,292.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,147.21	3/4	4,532.34	3/4	4,916.89	3/4	5,300.43	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,155.24	9	4,540.37	9	4,924.89	9	5,308.38	9		9		9		9		9		9	
1/4	4,163.26	1/4	4,548.39	1/4	4,932.89	1/4	5,316.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,171.28	1/2	4,556.42	1/2	4,940.89	1/2	5,324.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,179.31	3/4	4,564.44	3/4	4,948.89	3/4	5,332.22	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,187.33	10	4,572.46	10	4,956.89	10	5,340.17	10		10		10		10		10		10	
1/4	4,195.35	1/4	4,580.49	1/4	4,964.89	1/4	5,348.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,203.38	1/2	4,588.51	1/2	4,972.89	1/2	5,356.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,211.40	3/4	4,596.53	3/4	4,980.89	3/4	5,363.94	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,219.42	11	4,604.56	11	4,988.89	11	5,371.87	11		11		11		11		11		11	
1/4	4,227.45	1/4	4,612.58	1/4	4,996.89	1/4	5,379.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,235.47	1/2	4,620.60	1/2	5,004.89	1/2	5,387.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,243.49	3/4	4,628.63	3/4	5,012.89	3/4	5,394.80	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2013 SW
CALCULATED: 10/28/2013 CL
PRINTED: 10/28/2013 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013



BARGE "MPC 976"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	27.11	0	410.91	0	805.20	0	1,199.08	0	1,593.30	0	1,987.60	0	2,381.90	0	2,776.20	0	3,170.47	0	3,564.71
1/4	33.27	1/4	419.13	1/4	813.42	1/4	1,207.29	1/4	1,601.51	1/4	1,995.81	1/4	2,390.11	1/4	2,784.42	1/4	3,178.68	1/4	3,572.92
1/2	39.43	1/2	427.34	1/2	821.63	1/2	1,215.49	1/2	1,609.73	1/2	2,004.03	1/2	2,398.33	1/2	2,792.63	1/2	3,186.90	1/2	3,581.14
3/4	45.59	3/4	435.56	3/4	829.85	3/4	1,223.69	3/4	1,617.94	3/4	2,012.24	3/4	2,406.54	3/4	2,800.84	3/4	3,195.11	3/4	3,589.35
1	51.75	1	443.77	1	838.06	1	1,231.90	1	1,626.16	1	2,020.46	1	2,414.76	1	2,809.06	1	3,203.32	1	3,597.56
1/4	59.43	1/4	451.99	1/4	846.28	1/4	1,240.11	1/4	1,634.37	1/4	2,028.67	1/4	2,422.97	1/4	2,817.27	1/4	3,211.54	1/4	3,605.77
1/2	67.11	1/2	460.20	1/2	854.49	1/2	1,248.31	1/2	1,642.59	1/2	2,036.89	1/2	2,431.19	1/2	2,825.49	1/2	3,219.75	1/2	3,613.99
3/4	74.79	3/4	468.41	3/4	862.71	3/4	1,256.52	3/4	1,650.80	3/4	2,045.10	3/4	2,439.40	3/4	2,833.70	3/4	3,227.96	3/4	3,622.20
2	82.47	2	476.63	2	870.92	2	1,264.73	2	1,659.02	2	2,053.32	2	2,447.62	2	2,841.92	2	3,236.18	2	3,630.41
1/4	90.66	1/4	484.84	1/4	879.13	1/4	1,272.94	1/4	1,667.23	1/4	2,061.53	1/4	2,455.83	1/4	2,850.13	1/4	3,244.39	1/4	3,638.62
1/2	98.85	1/2	493.06	1/2	887.35	1/2	1,281.15	1/2	1,675.44	1/2	2,069.75	1/2	2,464.05	1/2	2,858.35	1/2	3,252.60	1/2	3,646.84
3/4	107.04	3/4	501.27	3/4	895.56	3/4	1,289.36	3/4	1,683.66	3/4	2,077.96	3/4	2,472.26	3/4	2,866.56	3/4	3,260.82	3/4	3,655.05
3	115.22	3	509.49	3	903.78	3	1,297.57	3	1,691.87	3	2,086.17	3	2,480.47	3	2,874.78	3	3,269.03	3	3,663.26
1/4	123.43	1/4	517.70	1/4	911.99	1/4	1,305.79	1/4	1,700.09	1/4	2,094.39	1/4	2,488.69	1/4	2,882.99	1/4	3,277.24	1/4	3,671.47
1/2	131.64	1/2	525.92	1/2	920.21	1/2	1,314.00	1/2	1,708.30	1/2	2,102.60	1/2	2,496.90	1/2	2,891.21	1/2	3,285.46	1/2	3,679.69
3/4	139.85	3/4	534.13	3/4	928.42	3/4	1,322.22	3/4	1,716.52	3/4	2,110.82	3/4	2,505.12	3/4	2,899.42	3/4	3,293.67	3/4	3,687.90
4	148.06	4	542.34	4	936.63	4	1,330.43	4	1,724.73	4	2,119.03	4	2,513.33	4	2,907.64	4	3,301.88	4	3,696.11
1/4	156.27	1/4	550.56	1/4	944.84	1/4	1,338.65	1/4	1,732.95	1/4	2,127.25	1/4	2,521.55	1/4	2,915.85	1/4	3,310.10	1/4	3,704.32
1/2	164.48	1/2	558.77	1/2	953.05	1/2	1,346.86	1/2	1,741.16	1/2	2,135.46	1/2	2,529.76	1/2	2,924.06	1/2	3,318.31	1/2	3,712.53
3/4	172.70	3/4	566.99	3/4	961.26	3/4	1,355.07	3/4	1,749.38	3/4	2,143.68	3/4	2,537.98	3/4	2,932.28	3/4	3,326.53	3/4	3,720.75
5	180.91	5	575.20	5	969.46	5	1,363.29	5	1,757.59	5	2,151.89	5	2,546.19	5	2,940.49	5	3,334.74	5	3,728.96
1/4	189.12	1/4	583.42	1/4	977.67	1/4	1,371.50	1/4	1,765.80	1/4	2,160.11	1/4	2,554.41	1/4	2,948.70	1/4	3,342.95	1/4	3,737.17
1/2	197.34	1/2	591.63	1/2	985.87	1/2	1,379.72	1/2	1,774.02	1/2	2,168.32	1/2	2,562.62	1/2	2,956.92	1/2	3,351.17	1/2	3,745.38
3/4	205.55	3/4	599.84	3/4	994.07	3/4	1,387.93	3/4	1,782.23	3/4	2,176.53	3/4	2,570.84	3/4	2,965.13	3/4	3,359.38	3/4	3,753.60
6	213.77	6	608.06	6	1,002.27	6	1,396.15	6	1,790.45	6	2,184.75	6	2,579.05	6	2,973.34	6	3,367.59	6	3,761.81
1/4	221.98	1/4	616.27	1/4	1,010.47	1/4	1,404.36	1/4	1,798.66	1/4	2,192.96	1/4	2,587.26	1/4	2,981.56	1/4	3,375.81	1/4	3,770.02
1/2	230.20	1/2	624.49	1/2	1,018.67	1/2	1,412.58	1/2	1,806.88	1/2	2,201.18	1/2	2,595.48	1/2	2,989.77	1/2	3,384.02	1/2	3,778.23
3/4	238.41	3/4	632.70	3/4	1,026.87	3/4	1,420.79	3/4	1,815.09	3/4	2,209.39	3/4	2,603.69	3/4	2,997.99	3/4	3,392.23	3/4	3,786.45
7	246.63	7	640.92	7	1,035.07	7	1,429.01	7	1,823.31	7	2,217.61	7	2,611.91	7	3,006.20	7	3,400.45	7	3,794.66
1/4	254.84	1/4	649.13	1/4	1,043.27	1/4	1,437.22	1/4	1,831.52	1/4	2,225.82	1/4	2,620.12	1/4	3,014.41	1/4	3,408.66	1/4	3,802.87
1/2	263.05	1/2	657.35	1/2	1,051.47	1/2	1,445.44	1/2	1,839.74	1/2	2,234.04	1/2	2,628.34	1/2	3,022.63	1/2	3,416.87	1/2	3,811.08
3/4	271.27	3/4	665.56	3/4	1,059.67	3/4	1,453.65	3/4	1,847.95	3/4	2,242.25	3/4	2,636.55	3/4	3,030.84	3/4	3,425.09	3/4	3,819.30
8	279.48	8	673.77	8	1,067.87	8	1,461.86	8	1,856.17	8	2,250.47	8	2,644.77	8	3,039.05	8	3,433.30	8	3,827.51
1/4	287.70	1/4	681.99	1/4	1,076.07	1/4	1,470.08	1/4	1,864.38	1/4	2,258.68	1/4	2,652.98	1/4	3,047.27	1/4	3,441.51	1/4	3,835.72
1/2	295.91	1/2	690.20	1/2	1,084.27	1/2	1,478.29	1/2	1,872.59	1/2	2,266.90	1/2	2,661.20	1/2	3,055.48	1/2	3,449.73	1/2	3,843.93
3/4	304.13	3/4	698.42	3/4	1,092.47	3/4	1,486.51	3/4	1,880.81	3/4	2,275.11	3/4	2,669.41	3/4	3,063.69	3/4	3,457.94	3/4	3,852.15
9	312.34	9	706.63	9	1,100.67	9	1,494.72	9	1,889.02	9	2,283.32	9	2,677.63	9	3,071.91	9	3,466.15	9	3,860.36
1/4	320.56	1/4	714.85	1/4	1,108.88	1/4	1,502.94	1/4	1,897.24	1/4	2,291.54	1/4	2,685.84	1/4	3,080.12	1/4	3,474.37	1/4	3,868.57
1/2	328.77	1/2	723.06	1/2	1,117.08	1/2	1,511.15	1/2	1,905.45	1/2	2,299.75	1/2	2,694.05	1/2	3,088.33	1/2	3,482.58	1/2	3,876.78
3/4	336.98	3/4	731.27	3/4	1,125.28	3/4	1,519.37	3/4	1,913.67	3/4	2,307.97	3/4	2,702.27	3/4	3,096.55	3/4	3,490.80	3/4	3,885.00
10	345.20	10	739.49	10	1,133.48	10	1,527.58	10	1,921.88	10	2,316.18	10	2,710.48	10	3,104.76	10	3,499.01	10	3,893.21
1/4	353.41	1/4	747.70	1/4	1,141.68	1/4	1,535.80	1/4	1,930.10	1/4	2,324.40	1/4	2,718.70	1/4	3,112.97	1/4	3,507.22	1/4	3,901.42
1/2	361.63	1/2	755.92	1/2	1,149.88	1/2	1,544.01	1/2	1,938.31	1/2	2,332.61	1/2	2,726.91	1/2	3,121.19	1/2	3,515.44	1/2	3,909.63
3/4	369.84	3/4	764.13	3/4	1,158.08	3/4	1,552.23	3/4	1,946.53	3/4	2,340.83	3/4	2,735.13	3/4	3,129.40	3/4	3,523.65	3/4	3,917.84
11	378.06	11	772.35	11	1,166.28	11	1,560.44	11	1,954.74	11	2,349.04	11	2,743.34	11	3,137.61	11	3,531.86	11	3,926.06
1/4	386.27	1/4	780.56	1/4	1,174.48	1/4	1,568.65	1/4	1,962.96	1/4	2,357.26	1/4	2,751.56	1/4	3,145.83	1/4	3,540.07	1/4	3,934.27
1/2	394.48	1/2	788.78	1/2	1,182.68	1/2	1,576.87	1/2	1,971.17	1/2	2,365.47	1/2	2,759.77	1/2	3,154.04	1/2	3,548.29	1/2	3,942.48
3/4	402.70	3/4	796.99	3/4	1,190.88	3/4	1,585.08	3/4	1,979.38	3/4	2,373.69	3/4	2,767.99	3/4	3,162.26	3/4	3,556.50	3/4	3,950.69

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 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 976"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,958.91	0	4,353.10	0	4,747.30	0	5,140.61	0	5,531.19	0		0		0		0		0	
1/4	3,967.12	1/4	4,361.31	1/4	4,755.51	1/4	5,148.80	1/4	5,538.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,975.33	1/2	4,369.53	1/2	4,763.72	1/2	5,156.99	1/2	5,545.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,983.54	3/4	4,377.74	3/4	4,771.93	3/4	5,165.17	3/4	5,552.08	3/4		3/4		3/4		3/4		3/4	
1	3,991.76	1	4,385.95	1	4,780.15	1	5,173.36	1	5,559.05	1		1		1		1		1	
1/4	3,999.97	1/4	4,394.16	1/4	4,788.36	1/4	5,181.55	1/4	5,564.84	1/4		1/4		1/4		1/4		1/4	
1/2	4,008.18	1/2	4,402.38	1/2	4,796.57	1/2	5,189.74	1/2	5,570.63	1/2		1/2		1/2		1/2		1/2	
3/4	4,016.39	3/4	4,410.59	3/4	4,804.78	3/4	5,197.93	3/4	5,576.43	3/4		3/4		3/4		3/4		3/4	
2	4,024.61	2	4,418.80	2	4,813.00	2	5,206.12	2	5,582.22	2		2		2		2		2	
1/4	4,032.82	1/4	4,427.01	1/4	4,821.20	1/4	5,214.31	1/4	5,586.84	1/4		1/4		1/4		1/4		1/4	
1/2	4,041.03	1/2	4,435.23	1/2	4,829.40	1/2	5,222.50	1/2	5,591.45	1/2		1/2		1/2		1/2		1/2	
3/4	4,049.24	3/4	4,443.44	3/4	4,837.60	3/4	5,230.69	3/4	5,596.07	3/4		3/4		3/4		3/4		3/4	
3	4,057.46	3	4,451.65	3	4,845.81	3	5,238.87	3		3		3		3		3		3	
1/4	4,065.67	1/4	4,459.86	1/4	4,854.00	1/4	5,247.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,073.88	1/2	4,468.08	1/2	4,862.18	1/2	5,255.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,082.09	3/4	4,476.29	3/4	4,870.37	3/4	5,263.44	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,090.31	4	4,484.50	4	4,878.56	4	5,271.63	4		4		4		4		4		4	
1/4	4,098.52	1/4	4,492.71	1/4	4,886.75	1/4	5,279.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,106.73	1/2	4,500.93	1/2	4,894.94	1/2	5,288.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,114.94	3/4	4,509.14	3/4	4,903.13	3/4	5,296.20	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,123.15	5	4,517.35	5	4,911.32	5	5,304.39	5		5		5		5		5		5	
1/4	4,131.37	1/4	4,525.56	1/4	4,919.51	1/4	5,312.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,139.58	1/2	4,533.77	1/2	4,927.70	1/2	5,320.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,147.79	3/4	4,541.99	3/4	4,935.88	3/4	5,328.95	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,156.00	6	4,550.20	6	4,944.07	6	5,337.14	6		6		6		6		6		6	
1/4	4,164.22	1/4	4,558.41	1/4	4,952.26	1/4	5,345.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,172.43	1/2	4,566.62	1/2	4,960.45	1/2	5,353.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,180.64	3/4	4,574.84	3/4	4,968.64	3/4	5,361.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,188.85	7	4,583.05	7	4,976.83	7	5,369.79	7		7		7		7		7		7	
1/4	4,197.07	1/4	4,591.26	1/4	4,985.02	1/4	5,377.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,205.28	1/2	4,599.47	1/2	4,993.21	1/2	5,386.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,213.49	3/4	4,607.69	3/4	5,001.40	3/4	5,394.20	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,221.70	8	4,615.90	8	5,009.58	8	5,402.34	8		8		8		8		8		8	
1/4	4,229.92	1/4	4,624.11	1/4	5,017.77	1/4	5,410.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,238.13	1/2	4,632.32	1/2	5,025.96	1/2	5,418.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,246.34	3/4	4,640.54	3/4	5,034.15	3/4	5,426.76	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,254.55	9	4,648.75	9	5,042.34	9	5,434.89	9		9		9		9		9		9	
1/4	4,262.77	1/4	4,656.96	1/4	5,050.53	1/4	5,443.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,270.98	1/2	4,665.17	1/2	5,058.72	1/2	5,451.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,279.19	3/4	4,673.39	3/4	5,066.91	3/4	5,459.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,287.40	10	4,681.60	10	5,075.10	10	5,467.43	10		10		10		10		10		10	
1/4	4,295.62	1/4	4,689.81	1/4	5,083.29	1/4	5,475.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,303.83	1/2	4,698.02	1/2	5,091.47	1/2	5,483.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,312.04	3/4	4,706.24	3/4	5,099.66	3/4	5,491.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,320.25	11	4,714.45	11	5,107.85	11	5,499.89	11		11		11		11		11		11	
1/4	4,328.46	1/4	4,722.66	1/4	5,116.04	1/4	5,507.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,336.68	1/2	4,730.87	1/2	5,124.23	1/2	5,515.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,344.89	3/4	4,739.08	3/4	5,132.42	3/4	5,523.36	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2013 SW
CALCULATED: 10/28/2013 CL
PRINTED: 10/28/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "MPC 976"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	27.09	0	410.64	0	804.67	0	1,185.80	0	1,576.43	0	1,970.47	0	2,364.51	0	2,758.55	0	3,152.55	0	3,546.53
1/4	33.25	1/4	418.85	1/4	812.88	1/4	1,193.67	1/4	1,584.64	1/4	1,978.68	1/4	2,372.72	1/4	2,766.76	1/4	3,160.76	1/4	3,554.74
1/2	39.40	1/2	427.06	1/2	821.09	1/2	1,201.53	1/2	1,592.85	1/2	1,986.89	1/2	2,380.93	1/2	2,774.97	1/2	3,168.97	1/2	3,562.95
3/4	45.56	3/4	435.27	3/4	829.30	3/4	1,209.40	3/4	1,601.06	3/4	1,995.10	3/4	2,389.14	3/4	2,783.18	3/4	3,177.18	3/4	3,571.15
1	51.71	1	443.48	1	837.51	1	1,217.27	1	1,609.26	1	2,003.31	1	2,397.35	1	2,791.39	1	3,185.38	1	3,579.36
1/4	59.39	1/4	451.69	1/4	845.72	1/4	1,225.13	1/4	1,617.47	1/4	2,011.52	1/4	2,405.56	1/4	2,799.60	1/4	3,193.59	1/4	3,587.57
1/2	67.07	1/2	459.90	1/2	853.93	1/2	1,233.00	1/2	1,625.68	1/2	2,019.72	1/2	2,413.77	1/2	2,807.81	1/2	3,201.80	1/2	3,595.77
3/4	74.74	3/4	468.11	3/4	862.14	3/4	1,240.87	3/4	1,633.89	3/4	2,027.93	3/4	2,421.98	3/4	2,816.02	3/4	3,210.01	3/4	3,603.98
2	82.42	2	476.31	2	870.35	2	1,248.74	2	1,642.10	2	2,036.14	2	2,430.18	2	2,824.23	2	3,218.22	2	3,612.19
1/4	90.60	1/4	484.52	1/4	878.40	1/4	1,256.78	1/4	1,650.31	1/4	2,044.35	1/4	2,438.39	1/4	2,832.44	1/4	3,226.42	1/4	3,620.40
1/2	98.78	1/2	492.73	1/2	886.45	1/2	1,264.82	1/2	1,658.52	1/2	2,052.56	1/2	2,446.60	1/2	2,840.64	1/2	3,234.63	1/2	3,628.60
3/4	106.97	3/4	500.94	3/4	894.50	3/4	1,272.86	3/4	1,666.73	3/4	2,060.77	3/4	2,454.81	3/4	2,848.85	3/4	3,242.84	3/4	3,636.81
3	115.15	3	509.15	3	902.56	3	1,280.90	3	1,674.94	3	2,068.98	3	2,463.02	3	2,857.06	3	3,251.05	3	3,645.02
1/4	123.35	1/4	517.36	1/4	910.46	1/4	1,289.11	1/4	1,683.15	1/4	2,077.19	1/4	2,471.23	1/4	2,865.27	1/4	3,259.26	1/4	3,653.22
1/2	131.55	1/2	525.57	1/2	918.35	1/2	1,297.32	1/2	1,691.36	1/2	2,085.40	1/2	2,479.44	1/2	2,873.48	1/2	3,267.47	1/2	3,661.43
3/4	139.76	3/4	533.78	3/4	926.25	3/4	1,305.52	3/4	1,699.57	3/4	2,093.61	3/4	2,487.65	3/4	2,881.69	3/4	3,275.67	3/4	3,669.64
4	147.96	4	541.99	4	934.15	4	1,313.73	4	1,707.78	4	2,101.82	4	2,495.86	4	2,889.89	4	3,283.88	4	3,677.84
1/4	156.17	1/4	550.20	1/4	942.03	1/4	1,321.94	1/4	1,715.98	1/4	2,110.03	1/4	2,504.07	1/4	2,898.10	1/4	3,292.09	1/4	3,686.05
1/2	164.37	1/2	558.40	1/2	949.91	1/2	1,330.15	1/2	1,724.19	1/2	2,118.24	1/2	2,512.28	1/2	2,906.31	1/2	3,300.30	1/2	3,694.26
3/4	172.58	3/4	566.61	3/4	957.79	3/4	1,338.36	3/4	1,732.40	3/4	2,126.44	3/4	2,520.49	3/4	2,914.52	3/4	3,308.51	3/4	3,702.47
5	180.79	5	574.82	5	965.67	5	1,346.57	5	1,740.61	5	2,134.65	5	2,528.69	5	2,922.72	5	3,316.71	5	3,710.67
1/4	189.00	1/4	583.03	1/4	973.53	1/4	1,354.78	1/4	1,748.82	1/4	2,142.86	1/4	2,536.90	1/4	2,930.93	1/4	3,324.92	1/4	3,718.88
1/2	197.21	1/2	591.24	1/2	981.40	1/2	1,362.99	1/2	1,757.03	1/2	2,151.07	1/2	2,545.11	1/2	2,939.14	1/2	3,333.13	1/2	3,727.09
3/4	205.42	3/4	599.45	3/4	989.26	3/4	1,371.20	3/4	1,765.24	3/4	2,159.28	3/4	2,553.32	3/4	2,947.35	3/4	3,341.34	3/4	3,735.29
6	213.63	6	607.66	6	997.12	6	1,379.41	6	1,773.45	6	2,167.49	6	2,561.53	6	2,955.56	6	3,349.55	6	3,743.50
1/4	221.84	1/4	615.87	1/4	1,004.98	1/4	1,387.62	1/4	1,781.66	1/4	2,175.70	1/4	2,569.74	1/4	2,963.77	1/4	3,357.75	1/4	3,751.71
1/2	230.04	1/2	624.08	1/2	1,012.84	1/2	1,395.83	1/2	1,789.87	1/2	2,183.91	1/2	2,577.95	1/2	2,971.97	1/2	3,365.96	1/2	3,759.91
3/4	238.25	3/4	632.29	3/4	1,020.70	3/4	1,404.03	3/4	1,798.08	3/4	2,192.12	3/4	2,586.16	3/4	2,980.18	3/4	3,374.17	3/4	3,768.12
7	246.46	7	640.49	7	1,028.57	7	1,412.24	7	1,806.29	7	2,200.33	7	2,594.37	7	2,988.39	7	3,382.38	7	3,776.33
1/4	254.67	1/4	648.70	1/4	1,036.43	1/4	1,420.45	1/4	1,814.49	1/4	2,208.54	1/4	2,602.58	1/4	2,996.60	1/4	3,390.59	1/4	3,784.54
1/2	262.88	1/2	656.91	1/2	1,044.29	1/2	1,428.66	1/2	1,822.70	1/2	2,216.75	1/2	2,610.79	1/2	3,004.81	1/2	3,398.79	1/2	3,792.74
3/4	271.09	3/4	665.12	3/4	1,052.15	3/4	1,436.87	3/4	1,830.91	3/4	2,224.95	3/4	2,619.00	3/4	3,013.01	3/4	3,407.00	3/4	3,800.95
8	279.30	8	673.33	8	1,060.01	8	1,445.08	8	1,839.12	8	2,233.16	8	2,627.21	8	3,021.22	8	3,415.21	8	3,809.16
1/4	287.51	1/4	681.54	1/4	1,067.88	1/4	1,453.29	1/4	1,847.33	1/4	2,241.37	1/4	2,635.41	1/4	3,029.43	1/4	3,423.42	1/4	3,817.36
1/2	295.72	1/2	689.75	1/2	1,075.74	1/2	1,461.50	1/2	1,855.54	1/2	2,249.58	1/2	2,643.62	1/2	3,037.64	1/2	3,431.63	1/2	3,825.57
3/4	303.93	3/4	697.96	3/4	1,083.60	3/4	1,469.71	3/4	1,863.75	3/4	2,257.79	3/4	2,651.83	3/4	3,045.85	3/4	3,439.84	3/4	3,833.78
9	312.13	9	706.17	9	1,091.46	9	1,477.92	9	1,871.96	9	2,266.00	9	2,660.04	9	3,054.05	9	3,448.04	9	3,841.98
1/4	320.34	1/4	714.38	1/4	1,099.32	1/4	1,486.13	1/4	1,880.17	1/4	2,274.21	1/4	2,668.25	1/4	3,062.26	1/4	3,456.25	1/4	3,850.19
1/2	328.55	1/2	722.58	1/2	1,107.18	1/2	1,494.34	1/2	1,888.38	1/2	2,282.42	1/2	2,676.46	1/2	3,070.47	1/2	3,464.46	1/2	3,858.40
3/4	336.76	3/4	730.79	3/4	1,115.05	3/4	1,502.55	3/4	1,896.59	3/4	2,290.63	3/4	2,684.67	3/4	3,078.68	3/4	3,472.67	3/4	3,866.61
10	344.97	10	739.00	10	1,122.91	10	1,510.75	10	1,904.80	10	2,298.84	10	2,692.88	10	3,086.89	10	3,480.88	10	3,874.81
1/4	353.18	1/4	747.21	1/4	1,130.77	1/4	1,518.96	1/4	1,913.01	1/4	2,307.05	1/4	2,701.09	1/4	3,095.10	1/4	3,489.08	1/4	3,883.02
1/2	361.39	1/2	755.42	1/2	1,138.63	1/2	1,527.17	1/2	1,921.21	1/2	2,315.26	1/2	2,709.30	1/2	3,103.30	1/2	3,497.29	1/2	3,891.23
3/4	369.60	3/4	763.63	3/4	1,146.49	3/4	1,535.38	3/4	1,929.42	3/4	2,323.46	3/4	2,717.51	3/4	3,111.51	3/4	3,505.50	3/4	3,899.43
11	377.81	11	771.84	11	1,154.36	11	1,543.59	11	1,937.63	11	2,331.67	11	2,725.72	11	3,119.72	11	3,513.70	11	3,907.64
1/4	386.02	1/4	780.05	1/4	1,162.22	1/4	1,551.80	1/4	1,945.84	1/4	2,339.88	1/4	2,733.92	1/4	3,127.93	1/4	3,521.91	1/4	3,915.85
1/2	394.22	1/2	788.26	1/2	1,170.08	1/2	1,560.01	1/2	1,954.05	1/2	2,348.09	1/2	2,742.13	1/2	3,136.14	1/2	3,530.12	1/2	3,924.05
3/4	402.43	3/4	796.47	3/4	1,177.94	3/4	1,568.22	3/4	1,962.26	3/4	2,356.30	3/4	2,750.34	3/4	3,144.34	3/4	3,538.33	3/4	3,932.26

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 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "MPC 976"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,940.47	0	4,334.40	0	4,728.34	0	5,121.38	0	5,511.71	0		0		0		0		0	
1/4	3,948.68	1/4	4,342.61	1/4	4,736.55	1/4	5,129.57	1/4	5,518.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,956.88	1/2	4,350.82	1/2	4,744.75	1/2	5,137.75	1/2	5,525.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,965.09	3/4	4,359.03	3/4	4,752.96	3/4	5,145.93	3/4	5,532.59	3/4		3/4		3/4		3/4		3/4	
1	3,973.30	1	4,367.23	1	4,761.17	1	5,154.12	1	5,539.55	1		1		1		1		1	
1/4	3,981.50	1/4	4,375.44	1/4	4,769.38	1/4	5,162.30	1/4	5,545.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,989.71	1/2	4,383.65	1/2	4,777.58	1/2	5,170.48	1/2	5,551.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,997.92	3/4	4,391.85	3/4	4,785.79	3/4	5,178.67	3/4	5,556.91	3/4		3/4		3/4		3/4		3/4	
2	4,006.12	2	4,400.06	2	4,794.00	2	5,186.85	2	5,562.70	2		2		2		2		2	
1/4	4,014.33	1/4	4,408.27	1/4	4,802.19	1/4	5,195.03	1/4	5,567.31	1/4		1/4		1/4		1/4		1/4	
1/2	4,022.54	1/2	4,416.47	1/2	4,810.39	1/2	5,203.22	1/2	5,571.93	1/2		1/2		1/2		1/2		1/2	
3/4	4,030.75	3/4	4,424.68	3/4	4,818.58	3/4	5,211.40	3/4	5,576.55	3/4		3/4		3/4		3/4		3/4	
3	4,038.95	3	4,432.89	3	4,826.78	3	5,219.59	3		3		3		3		3		3	
1/4	4,047.16	1/4	4,441.10	1/4	4,834.96	1/4	5,227.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,055.37	1/2	4,449.30	1/2	4,843.14	1/2	5,235.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,063.57	3/4	4,457.51	3/4	4,851.33	3/4	5,244.14	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,071.78	4	4,465.72	4	4,859.51	4	5,252.32	4		4		4		4		4		4	
1/4	4,079.99	1/4	4,473.92	1/4	4,867.69	1/4	5,260.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,088.19	1/2	4,482.13	1/2	4,875.88	1/2	5,268.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,096.40	3/4	4,490.34	3/4	4,884.06	3/4	5,276.87	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,104.61	5	4,498.54	5	4,892.25	5	5,285.05	5		5		5		5		5		5	
1/4	4,112.82	1/4	4,506.75	1/4	4,900.43	1/4	5,293.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,121.02	1/2	4,514.96	1/2	4,908.61	1/2	5,301.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,129.23	3/4	4,523.17	3/4	4,916.80	3/4	5,309.60	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,137.44	6	4,531.37	6	4,924.98	6	5,317.79	6		6		6		6		6		6	
1/4	4,145.64	1/4	4,539.58	1/4	4,933.16	1/4	5,325.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,153.85	1/2	4,547.79	1/2	4,941.35	1/2	5,334.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,162.06	3/4	4,555.99	3/4	4,949.53	3/4	5,342.26	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,170.26	7	4,564.20	7	4,957.71	7	5,350.42	7		7		7		7		7		7	
1/4	4,178.47	1/4	4,572.41	1/4	4,965.90	1/4	5,358.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,186.68	1/2	4,580.61	1/2	4,974.08	1/2	5,366.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,194.89	3/4	4,588.82	3/4	4,982.26	3/4	5,374.81	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,203.09	8	4,597.03	8	4,990.45	8	5,382.94	8		8		8		8		8		8	
1/4	4,211.30	1/4	4,605.24	1/4	4,998.63	1/4	5,391.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,219.51	1/2	4,613.44	1/2	5,006.81	1/2	5,399.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,227.71	3/4	4,621.65	3/4	5,015.00	3/4	5,407.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,235.92	9	4,629.86	9	5,023.18	9	5,415.47	9		9		9		9		9		9	
1/4	4,244.13	1/4	4,638.06	1/4	5,031.36	1/4	5,423.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,252.33	1/2	4,646.27	1/2	5,039.55	1/2	5,431.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,260.54	3/4	4,654.48	3/4	5,047.73	3/4	5,439.86	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,268.75	10	4,662.68	10	5,055.92	10	5,447.99	10		10		10		10		10		10	
1/4	4,276.96	1/4	4,670.89	1/4	5,064.10	1/4	5,456.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,285.16	1/2	4,679.10	1/2	5,072.28	1/2	5,464.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,293.37	3/4	4,687.31	3/4	5,080.47	3/4	5,472.31	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,301.58	11	4,695.51	11	5,088.65	11	5,480.42	11		11		11		11		11		11	
1/4	4,309.78	1/4	4,703.72	1/4	5,096.83	1/4	5,488.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,317.99	1/2	4,711.93	1/2	5,105.02	1/2	5,496.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,326.20	3/4	4,720.13	3/4	5,113.20	3/4	5,503.88	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2013 SW
CALCULATED: 10/28/2013 CL
PRINTED: 10/28/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "MPC 976"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	26.98	0	408.92	0	801.30	0	1,193.26	0	1,585.57	0	1,977.96	0	2,370.34	0	2,762.70	0	3,154.85	0	3,546.89
1/4	33.11	1/4	417.10	1/4	809.48	1/4	1,201.42	1/4	1,593.74	1/4	1,986.13	1/4	2,378.51	1/4	2,770.88	1/4	3,163.02	1/4	3,555.04
1/2	39.24	1/2	425.27	1/2	817.65	1/2	1,209.59	1/2	1,601.92	1/2	1,994.31	1/2	2,386.69	1/2	2,779.05	1/2	3,171.19	1/2	3,563.20
3/4	45.37	3/4	433.45	3/4	825.83	3/4	1,217.75	3/4	1,610.09	3/4	2,002.48	3/4	2,394.86	3/4	2,787.23	3/4	3,179.36	3/4	3,571.36
1	51.50	1	441.62	1	834.00	1	1,225.92	1	1,618.27	1	2,010.66	1	2,403.03	1	2,795.40	1	3,187.53	1	3,579.51
1/4	59.14	1/4	449.80	1/4	842.18	1/4	1,234.09	1/4	1,626.44	1/4	2,018.83	1/4	2,411.21	1/4	2,803.58	1/4	3,195.69	1/4	3,587.67
1/2	66.79	1/2	457.97	1/2	850.35	1/2	1,242.25	1/2	1,634.62	1/2	2,027.01	1/2	2,419.38	1/2	2,811.75	1/2	3,203.86	1/2	3,595.82
3/4	74.43	3/4	466.14	3/4	858.53	3/4	1,250.42	3/4	1,642.79	3/4	2,035.18	3/4	2,427.56	3/4	2,819.92	3/4	3,212.03	3/4	3,603.98
2	82.07	2	474.32	2	866.70	2	1,258.59	2	1,650.96	2	2,043.36	2	2,435.73	2	2,828.10	2	3,220.20	2	3,612.14
1/4	90.22	1/4	482.49	1/4	874.87	1/4	1,266.76	1/4	1,659.14	1/4	2,051.53	1/4	2,443.91	1/4	2,836.27	1/4	3,228.37	1/4	3,620.29
1/2	98.37	1/2	490.67	1/2	883.05	1/2	1,274.93	1/2	1,667.31	1/2	2,059.70	1/2	2,452.08	1/2	2,844.45	1/2	3,236.53	1/2	3,628.45
3/4	106.52	3/4	498.84	3/4	891.22	3/4	1,283.10	3/4	1,675.49	3/4	2,067.88	3/4	2,460.25	3/4	2,852.62	3/4	3,244.70	3/4	3,636.61
3	114.67	3	507.02	3	899.40	3	1,291.27	3	1,683.66	3	2,076.05	3	2,468.43	3	2,860.80	3	3,252.87	3	3,644.76
1/4	122.83	1/4	515.19	1/4	907.57	1/4	1,299.45	1/4	1,691.84	1/4	2,084.23	1/4	2,476.60	1/4	2,868.97	1/4	3,261.04	1/4	3,652.92
1/2	131.00	1/2	523.37	1/2	915.75	1/2	1,307.62	1/2	1,700.01	1/2	2,092.40	1/2	2,484.78	1/2	2,877.14	1/2	3,269.21	1/2	3,661.07
3/4	139.17	3/4	531.54	3/4	923.92	3/4	1,315.80	3/4	1,708.19	3/4	2,100.58	3/4	2,492.95	3/4	2,885.31	3/4	3,277.37	3/4	3,669.23
4	147.34	4	539.72	4	932.10	4	1,323.97	4	1,716.36	4	2,108.75	4	2,501.13	4	2,893.48	4	3,285.54	4	3,677.39
1/4	155.51	1/4	547.89	1/4	940.26	1/4	1,332.15	1/4	1,724.54	1/4	2,116.93	1/4	2,509.30	1/4	2,901.65	1/4	3,293.71	1/4	3,685.54
1/2	163.69	1/2	556.07	1/2	948.43	1/2	1,340.32	1/2	1,732.71	1/2	2,125.10	1/2	2,517.47	1/2	2,909.81	1/2	3,301.88	1/2	3,693.70
3/4	171.86	3/4	564.24	3/4	956.59	3/4	1,348.50	3/4	1,740.89	3/4	2,133.28	3/4	2,525.65	3/4	2,917.98	3/4	3,310.05	3/4	3,701.86
5	180.03	5	572.41	5	964.76	5	1,356.67	5	1,749.06	5	2,141.45	5	2,533.82	5	2,926.15	5	3,318.21	5	3,710.01
1/4	188.21	1/4	580.59	1/4	972.92	1/4	1,364.85	1/4	1,757.24	1/4	2,149.63	1/4	2,542.00	1/4	2,934.32	1/4	3,326.38	1/4	3,718.17
1/2	196.38	1/2	588.76	1/2	981.08	1/2	1,373.02	1/2	1,765.41	1/2	2,157.80	1/2	2,550.17	1/2	2,942.49	1/2	3,334.55	1/2	3,726.33
3/4	204.56	3/4	596.94	3/4	989.24	3/4	1,381.20	3/4	1,773.59	3/4	2,165.98	3/4	2,558.35	3/4	2,950.65	3/4	3,342.72	3/4	3,734.48
6	212.73	6	605.11	6	997.40	6	1,389.37	6	1,781.76	6	2,174.15	6	2,566.52	6	2,958.82	6	3,350.89	6	3,742.64
1/4	220.91	1/4	613.29	1/4	1,005.56	1/4	1,397.55	1/4	1,789.94	1/4	2,182.33	1/4	2,574.69	1/4	2,966.99	1/4	3,359.05	1/4	3,749.92
1/2	229.08	1/2	621.46	1/2	1,013.72	1/2	1,405.72	1/2	1,798.11	1/2	2,190.50	1/2	2,582.87	1/2	2,975.16	1/2	3,367.22	1/2	3,757.19
3/4	237.26	3/4	629.64	3/4	1,021.89	3/4	1,413.90	3/4	1,806.29	3/4	2,198.68	3/4	2,591.04	3/4	2,983.33	3/4	3,375.39	3/4	3,764.47
7	245.43	7	637.81	7	1,030.05	7	1,422.07	7	1,814.46	7	2,206.85	7	2,599.22	7	2,991.49	7	3,383.56	7	3,771.75
1/4	253.61	1/4	645.99	1/4	1,038.21	1/4	1,430.25	1/4	1,822.64	1/4	2,215.03	1/4	2,607.39	1/4	2,999.66	1/4	3,391.73	1/4	3,778.14
1/2	261.78	1/2	654.16	1/2	1,046.37	1/2	1,438.42	1/2	1,830.81	1/2	2,223.20	1/2	2,615.57	1/2	3,007.83	1/2	3,399.89	1/2	3,784.54
3/4	269.95	3/4	662.34	3/4	1,054.53	3/4	1,446.59	3/4	1,838.99	3/4	2,231.38	3/4	2,623.74	3/4	3,016.00	3/4	3,408.06	3/4	3,790.94
8	278.13	8	670.51	8	1,062.69	8	1,454.77	8	1,847.16	8	2,239.55	8	2,631.92	8	3,024.17	8	3,416.23	8	3,797.33
1/4	286.30	1/4	678.68	1/4	1,070.85	1/4	1,462.94	1/4	1,855.33	1/4	2,247.73	1/4	2,640.09	1/4	3,032.33	1/4	3,424.40	1/4	3,803.73
1/2	294.48	1/2	686.86	1/2	1,079.01	1/2	1,471.12	1/2	1,863.51	1/2	2,255.90	1/2	2,648.26	1/2	3,040.50	1/2	3,432.57	1/2	3,810.13
3/4	302.65	3/4	695.03	3/4	1,087.17	3/4	1,479.29	3/4	1,871.68	3/4	2,264.07	3/4	2,656.44	3/4	3,048.67	3/4	3,440.73	3/4	3,816.52
9	310.83	9	703.21	9	1,095.33	9	1,487.47	9	1,879.86	9	2,272.25	9	2,664.61	9	3,056.84	9	3,448.90	9	3,822.92
1/4	319.00	1/4	711.38	1/4	1,103.49	1/4	1,495.64	1/4	1,888.03	1/4	2,280.42	1/4	2,672.79	1/4	3,065.01	1/4	3,457.07	1/4	3,829.31
1/2	327.18	1/2	719.56	1/2	1,111.65	1/2	1,503.82	1/2	1,896.21	1/2	2,288.60	1/2	2,680.96	1/2	3,073.17	1/2	3,465.24	1/2	3,835.71
3/4	335.35	3/4	727.73	3/4	1,119.81	3/4	1,511.99	3/4	1,904.38	3/4	2,296.77	3/4	2,689.14	3/4	3,081.34	3/4	3,473.41	3/4	3,842.11
10	343.53	10	735.91	10	1,127.97	10	1,520.17	10	1,912.56	10	2,304.95	10	2,697.31	10	3,089.51	10	3,481.57	10	3,848.50
1/4	351.70	1/4	744.08	1/4	1,136.14	1/4	1,528.34	1/4	1,920.73	1/4	2,313.12	1/4	2,705.48	1/4	3,097.68	1/4	3,489.74	1/4	3,854.90
1/2	359.88	1/2	752.26	1/2	1,144.30	1/2	1,536.52	1/2	1,928.91	1/2	2,321.29	1/2	2,713.66	1/2	3,105.85	1/2	3,497.91	1/2	3,861.30
3/4	368.05	3/4	760.43	3/4	1,152.46	3/4	1,544.69	3/4	1,937.08	3/4	2,329.47	3/4	2,721.83	3/4	3,114.01	3/4	3,506.08	3/4	3,867.69
11	376.22	11	768.61	11	1,160.62	11	1,552.87	11	1,945.26	11	2,337.64	11	2,730.01	11	3,122.18	11	3,514.25	11	3,874.09
1/4	384.40	1/4	776.78	1/4	1,168.78	1/4	1,561.04	1/4	1,953.43	1/4	2,345.81	1/4	2,738.18	1/4	3,130.35	1/4	3,522.41	1/4	3,880.50
1/2	392.57	1/2	784.95	1/2	1,176.94	1/2	1,569.22	1/2	1,961.61	1/2	2,353.99	1/2	2,746.36	1/2	3,138.52	1/2	3,530.57	1/2	3,886.90
3/4	400.75	3/4	793.13	3/4	1,185.10	3/4	1,577.39	3/4	1,969.78	3/4	2,362.16	3/4	2,754.53	3/4	3,146.69	3/4	3,538.73	3/4	3,893.31

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 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 976"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,899.71	0	4,207.54	0	4,510.80	0	4,813.17	0	5,113.13	0		0		0		0		0	
1/4	3,906.12	1/4	4,213.90	1/4	4,517.11	1/4	4,819.46	1/4	5,118.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,912.54	1/2	4,220.27	1/2	4,523.43	1/2	4,825.76	1/2	5,123.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,918.95	3/4	4,226.63	3/4	4,529.74	3/4	4,832.05	3/4	5,128.39	3/4		3/4		3/4		3/4		3/4	
1	3,925.36	1	4,233.00	1	4,536.05	1	4,838.35	1	5,133.48	1		1		1		1		1	
1/4	3,931.78	1/4	4,239.31	1/4	4,542.37	1/4	4,844.65	1/4	5,138.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,938.19	1/2	4,245.62	1/2	4,548.68	1/2	4,850.94	1/2	5,143.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,944.60	3/4	4,251.94	3/4	4,555.00	3/4	4,857.24	3/4	5,147.89	3/4		3/4		3/4		3/4		3/4	
2	3,951.02	2	4,258.25	2	4,561.31	2	4,863.53	2	5,152.69	2		2		2		2		2	
1/4	3,957.43	1/4	4,264.57	1/4	4,567.61	1/4	4,869.83	1/4	5,157.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,963.84	1/2	4,270.88	1/2	4,573.92	1/2	4,876.12	1/2	5,161.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,970.26	3/4	4,277.19	3/4	4,580.22	3/4	4,882.42	3/4	5,166.23	3/4		3/4		3/4		3/4		3/4	
3	3,976.67	3	4,283.51	3	4,586.53	3	4,888.71	3		3		3		3		3		3	
1/4	3,983.08	1/4	4,289.82	1/4	4,592.82	1/4	4,895.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,989.49	1/2	4,296.13	1/2	4,599.12	1/2	4,901.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,995.91	3/4	4,302.45	3/4	4,605.41	3/4	4,907.60	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,002.32	4	4,308.76	4	4,611.71	4	4,913.90	4		4		4		4		4		4	
1/4	4,008.73	1/4	4,315.08	1/4	4,618.00	1/4	4,920.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,015.15	1/2	4,321.39	1/2	4,624.30	1/2	4,926.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,021.56	3/4	4,327.70	3/4	4,630.60	3/4	4,932.78	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,027.97	5	4,334.02	5	4,636.89	5	4,939.08	5		5		5		5		5		5	
1/4	4,034.39	1/4	4,340.33	1/4	4,643.19	1/4	4,945.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,040.80	1/2	4,346.64	1/2	4,649.48	1/2	4,951.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,047.21	3/4	4,352.96	3/4	4,655.78	3/4	4,957.97	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,053.63	6	4,359.27	6	4,662.07	6	4,964.26	6		6		6		6		6		6	
1/4	4,060.04	1/4	4,365.58	1/4	4,668.37	1/4	4,970.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,066.45	1/2	4,371.90	1/2	4,674.66	1/2	4,976.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,072.86	3/4	4,378.21	3/4	4,680.96	3/4	4,983.09	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,079.28	7	4,384.53	7	4,687.26	7	4,989.36	7		7		7		7		7		7	
1/4	4,085.69	1/4	4,390.84	1/4	4,693.55	1/4	4,995.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,092.10	1/2	4,397.15	1/2	4,699.85	1/2	5,001.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,098.52	3/4	4,403.47	3/4	4,706.14	3/4	5,008.13	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,104.93	8	4,409.78	8	4,712.44	8	5,014.39	8		8		8		8		8		8	
1/4	4,111.34	1/4	4,416.09	1/4	4,718.73	1/4	5,020.64	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,117.76	1/2	4,422.41	1/2	4,725.03	1/2	5,026.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,124.17	3/4	4,428.72	3/4	4,731.32	3/4	5,033.15	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,130.58	9	4,435.04	9	4,737.62	9	5,039.41	9		9		9		9		9		9	
1/4	4,137.00	1/4	4,441.35	1/4	4,743.92	1/4	5,045.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,143.41	1/2	4,447.66	1/2	4,750.21	1/2	5,051.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,149.82	3/4	4,453.98	3/4	4,756.51	3/4	5,058.16	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,156.24	10	4,460.29	10	4,762.80	10	5,064.41	10		10		10		10		10		10	
1/4	4,162.65	1/4	4,466.60	1/4	4,769.10	1/4	5,070.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,169.06	1/2	4,472.92	1/2	4,775.39	1/2	5,076.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,175.47	3/4	4,479.23	3/4	4,781.69	3/4	5,083.11	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,181.89	11	4,485.55	11	4,787.99	11	5,089.35	11		11		11		11		11		11	
1/4	4,188.30	1/4	4,491.86	1/4	4,794.28	1/4	5,095.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,194.71	1/2	4,498.17	1/2	4,800.58	1/2	5,101.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,201.13	3/4	4,504.49	3/4	4,806.87	3/4	5,107.18	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2013 SW
CALCULATED: 10/28/2013 CL
PRINTED: 10/28/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "MPC 976"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	27.00	0	408.74	0	800.82	0	1,180.36	0	1,568.82	0	1,960.24	0	2,352.01	0	2,743.89	0	3,135.55	0	3,527.10
1/4	33.13	1/4	416.91	1/4	808.99	1/4	1,188.20	1/4	1,576.98	1/4	1,968.39	1/4	2,360.18	1/4	2,752.05	1/4	3,143.71	1/4	3,535.24
1/2	39.26	1/2	425.08	1/2	817.15	1/2	1,196.03	1/2	1,585.14	1/2	1,976.55	1/2	2,368.34	1/2	2,760.22	1/2	3,151.87	1/2	3,543.39
3/4	45.40	3/4	433.25	3/4	825.32	3/4	1,203.87	3/4	1,593.30	3/4	1,984.71	3/4	2,376.51	3/4	2,768.38	3/4	3,160.02	3/4	3,551.54
1	51.53	1	441.42	1	833.49	1	1,211.70	1	1,601.46	1	1,992.87	1	2,384.67	1	2,776.55	1	3,168.18	1	3,559.68
1/4	59.18	1/4	449.59	1/4	841.66	1/4	1,219.54	1/4	1,609.62	1/4	2,001.03	1/4	2,392.83	1/4	2,784.71	1/4	3,176.34	1/4	3,567.83
1/2	66.83	1/2	457.75	1/2	849.83	1/2	1,227.38	1/2	1,617.78	1/2	2,009.19	1/2	2,401.00	1/2	2,792.88	1/2	3,184.50	1/2	3,575.97
3/4	74.48	3/4	465.92	3/4	858.00	3/4	1,235.22	3/4	1,625.94	3/4	2,017.35	3/4	2,409.16	3/4	2,801.04	3/4	3,192.66	3/4	3,584.12
2	82.13	2	474.09	2	866.16	2	1,243.06	2	1,634.10	2	2,025.50	2	2,417.33	2	2,809.20	2	3,200.81	2	3,592.27
1/4	90.27	1/4	482.26	1/4	874.18	1/4	1,251.06	1/4	1,642.26	1/4	2,033.66	1/4	2,425.49	1/4	2,817.37	1/4	3,208.97	1/4	3,600.41
1/2	98.42	1/2	490.43	1/2	882.20	1/2	1,259.06	1/2	1,650.42	1/2	2,041.82	1/2	2,433.65	1/2	2,825.53	1/2	3,217.13	1/2	3,608.56
3/4	106.57	3/4	498.60	3/4	890.21	3/4	1,267.06	3/4	1,658.58	3/4	2,049.98	3/4	2,441.82	3/4	2,833.70	3/4	3,225.29	3/4	3,616.70
3	114.72	3	506.76	3	898.23	3	1,275.06	3	1,666.74	3	2,058.14	3	2,449.98	3	2,841.86	3	3,233.44	3	3,624.85
1/4	122.88	1/4	514.93	1/4	906.09	1/4	1,283.22	1/4	1,674.90	1/4	2,066.30	1/4	2,458.15	1/4	2,850.02	1/4	3,241.60	1/4	3,633.00
1/2	131.04	1/2	523.10	1/2	913.96	1/2	1,291.38	1/2	1,683.05	1/2	2,074.46	1/2	2,466.31	1/2	2,858.18	1/2	3,249.76	1/2	3,641.14
3/4	139.20	3/4	531.27	3/4	921.82	3/4	1,299.54	3/4	1,691.21	3/4	2,082.62	3/4	2,474.48	3/4	2,866.34	3/4	3,257.92	3/4	3,649.29
4	147.37	4	539.44	4	929.69	4	1,307.70	4	1,699.36	4	2,090.77	4	2,482.64	4	2,874.50	4	3,266.08	4	3,657.44
1/4	155.53	1/4	547.60	1/4	937.54	1/4	1,315.86	1/4	1,707.52	1/4	2,098.93	1/4	2,490.80	1/4	2,882.66	1/4	3,274.23	1/4	3,665.58
1/2	163.70	1/2	555.77	1/2	945.38	1/2	1,324.02	1/2	1,715.67	1/2	2,107.09	1/2	2,498.97	1/2	2,890.82	1/2	3,282.39	1/2	3,673.73
3/4	171.87	3/4	563.94	3/4	953.23	3/4	1,332.18	3/4	1,723.82	3/4	2,115.25	3/4	2,507.13	3/4	2,898.98	3/4	3,290.55	3/4	3,681.87
5	180.04	5	572.11	5	961.08	5	1,340.34	5	1,731.97	5	2,123.41	5	2,515.30	5	2,907.13	5	3,298.71	5	3,690.02
1/4	188.20	1/4	580.28	1/4	968.91	1/4	1,348.50	1/4	1,740.12	1/4	2,131.58	1/4	2,523.46	1/4	2,915.29	1/4	3,306.87	1/4	3,698.17
1/2	196.37	1/2	588.45	1/2	976.74	1/2	1,356.66	1/2	1,748.27	1/2	2,139.74	1/2	2,531.62	1/2	2,923.45	1/2	3,315.02	1/2	3,706.31
3/4	204.54	3/4	596.61	3/4	984.57	3/4	1,364.82	3/4	1,756.43	3/4	2,147.90	3/4	2,539.79	3/4	2,931.61	3/4	3,323.18	3/4	3,714.46
6	212.71	6	604.78	6	992.41	6	1,372.98	6	1,764.58	6	2,156.07	6	2,547.95	6	2,939.76	6	3,331.34	6	3,722.61
1/4	220.88	1/4	612.95	1/4	1,000.24	1/4	1,381.14	1/4	1,772.73	1/4	2,164.23	1/4	2,556.12	1/4	2,947.92	1/4	3,339.50	1/4	3,729.87
1/2	229.04	1/2	621.12	1/2	1,008.07	1/2	1,389.30	1/2	1,780.88	1/2	2,172.40	1/2	2,564.28	1/2	2,956.08	1/2	3,347.65	1/2	3,737.14
3/4	237.21	3/4	629.29	3/4	1,015.90	3/4	1,397.46	3/4	1,789.03	3/4	2,180.56	3/4	2,572.44	3/4	2,964.24	3/4	3,355.81	3/4	3,744.40
7	245.38	7	637.45	7	1,023.73	7	1,405.62	7	1,797.19	7	2,188.72	7	2,580.61	7	2,972.40	7	3,363.97	7	3,751.67
1/4	253.55	1/4	645.62	1/4	1,031.56	1/4	1,413.78	1/4	1,805.34	1/4	2,196.89	1/4	2,588.77	1/4	2,980.55	1/4	3,372.13	1/4	3,758.06
1/2	261.72	1/2	653.79	1/2	1,039.40	1/2	1,421.94	1/2	1,813.49	1/2	2,205.05	1/2	2,596.94	1/2	2,988.71	1/2	3,380.29	1/2	3,764.45
3/4	269.89	3/4	661.96	3/4	1,047.23	3/4	1,430.10	3/4	1,821.64	3/4	2,213.22	3/4	2,605.10	3/4	2,996.87	3/4	3,388.44	3/4	3,770.85
8	278.05	8	670.13	8	1,055.06	8	1,438.26	8	1,829.79	8	2,221.38	8	2,613.26	8	3,005.03	8	3,396.60	8	3,777.24
1/4	286.22	1/4	678.30	1/4	1,062.89	1/4	1,446.42	1/4	1,837.94	1/4	2,229.55	1/4	2,621.43	1/4	3,013.18	1/4	3,404.76	1/4	3,783.64
1/2	294.39	1/2	686.46	1/2	1,070.72	1/2	1,454.58	1/2	1,846.10	1/2	2,237.71	1/2	2,629.59	1/2	3,021.34	1/2	3,412.92	1/2	3,790.04
3/4	302.56	3/4	694.63	3/4	1,078.55	3/4	1,462.74	3/4	1,854.25	3/4	2,245.88	3/4	2,637.76	3/4	3,029.50	3/4	3,421.07	3/4	3,796.44
9	310.73	9	702.80	9	1,086.39	9	1,470.90	9	1,862.40	9	2,254.04	9	2,645.92	9	3,037.66	9	3,429.23	9	3,802.83
1/4	318.89	1/4	710.97	1/4	1,094.22	1/4	1,479.06	1/4	1,870.55	1/4	2,262.21	1/4	2,654.09	1/4	3,045.82	1/4	3,437.39	1/4	3,809.23
1/2	327.06	1/2	719.14	1/2	1,102.05	1/2	1,487.22	1/2	1,878.70	1/2	2,270.37	1/2	2,662.25	1/2	3,053.97	1/2	3,445.55	1/2	3,815.63
3/4	335.23	3/4	727.30	3/4	1,109.88	3/4	1,495.38	3/4	1,886.86	3/4	2,278.54	3/4	2,670.41	3/4	3,062.13	3/4	3,453.71	3/4	3,822.03
10	343.40	10	735.47	10	1,117.71	10	1,503.54	10	1,895.01	10	2,286.70	10	2,678.58	10	3,070.29	10	3,461.86	10	3,828.43
1/4	351.57	1/4	743.64	1/4	1,125.54	1/4	1,511.70	1/4	1,903.16	1/4	2,294.86	1/4	2,686.74	1/4	3,078.45	1/4	3,470.02	1/4	3,834.83
1/2	359.74	1/2	751.81	1/2	1,133.38	1/2	1,519.86	1/2	1,911.31	1/2	2,303.03	1/2	2,694.91	1/2	3,086.60	1/2	3,478.18	1/2	3,841.23
3/4	367.90	3/4	759.98	3/4	1,141.21	3/4	1,528.02	3/4	1,919.46	3/4	2,311.19	3/4	2,703.07	3/4	3,094.76	3/4	3,486.34	3/4	3,847.63
11	376.07	11	768.15	11	1,149.04	11	1,536.18	11	1,927.61	11	2,319.36	11	2,711.23	11	3,102.92	11	3,494.49	11	3,854.03
1/4	384.24	1/4	776.31	1/4	1,156.87	1/4	1,544.34	1/4	1,935.77	1/4	2,327.52	1/4	2,719.40	1/4	3,111.08	1/4	3,502.64	1/4	3,860.43
1/2	392.41	1/2	784.48	1/2	1,164.70	1/2	1,552.50	1/2	1,943.93	1/2	2,335.69	1/2	2,727.56	1/2	3,119.24	1/2	3,510.80	1/2	3,866.84
3/4	400.58	3/4	792.65	3/4	1,172.53	3/4	1,560.66	3/4	1,952.08	3/4	2,343.85	3/4	2,735.73	3/4	3,127.39	3/4	3,518.95	3/4	3,873.25

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 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "MPC 976"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	3,879.66	0	4,187.71	0	4,491.19	0	4,793.78	0	5,093.97	0		0		0		0		0	
1/4	3,886.08	1/4	4,194.08	1/4	4,497.51	1/4	4,800.08	1/4	5,099.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,892.50	1/2	4,200.45	1/2	4,503.83	1/2	4,806.38	1/2	5,104.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,898.91	3/4	4,206.82	3/4	4,510.15	3/4	4,812.68	3/4	5,109.25	3/4		3/4		3/4		3/4		3/4	
1	3,905.33	1	4,213.19	1	4,516.47	1	4,818.98	1	5,114.34	1		1		1		1		1	
1/4	3,911.75	1/4	4,219.51	1/4	4,522.78	1/4	4,825.28	1/4	5,119.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,918.17	1/2	4,225.82	1/2	4,529.10	1/2	4,831.58	1/2	5,123.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,924.58	3/4	4,232.14	3/4	4,535.42	3/4	4,837.88	3/4	5,128.76	3/4		3/4		3/4		3/4		3/4	
2	3,931.00	2	4,238.46	2	4,541.74	2	4,844.18	2	5,133.56	2		2		2		2		2	
1/4	3,937.42	1/4	4,244.78	1/4	4,548.05	1/4	4,850.48	1/4	5,138.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,943.84	1/2	4,251.10	1/2	4,554.36	1/2	4,856.78	1/2	5,142.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,950.26	3/4	4,257.42	3/4	4,560.67	3/4	4,863.09	3/4	5,147.11	3/4		3/4		3/4		3/4		3/4	
3	3,956.67	3	4,263.73	3	4,566.98	3	4,869.39	3		3		3		3		3		3	
1/4	3,963.09	1/4	4,270.05	1/4	4,573.28	1/4	4,875.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,969.51	1/2	4,276.37	1/2	4,579.58	1/2	4,881.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,975.93	3/4	4,282.69	3/4	4,585.88	3/4	4,888.29	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,982.34	4	4,289.01	4	4,592.18	4	4,894.59	4		4		4		4		4		4	
1/4	3,988.76	1/4	4,295.33	1/4	4,598.48	1/4	4,900.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,995.18	1/2	4,301.64	1/2	4,604.78	1/2	4,907.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,001.60	3/4	4,307.96	3/4	4,611.08	3/4	4,913.49	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,008.02	5	4,314.28	5	4,617.38	5	4,919.79	5		5		5		5		5		5	
1/4	4,014.43	1/4	4,320.60	1/4	4,623.68	1/4	4,926.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,020.85	1/2	4,326.92	1/2	4,629.98	1/2	4,932.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,027.27	3/4	4,333.24	3/4	4,636.28	3/4	4,938.69	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,033.69	6	4,339.55	6	4,642.58	6	4,944.99	6		6		6		6		6		6	
1/4	4,040.10	1/4	4,345.87	1/4	4,648.88	1/4	4,951.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,046.52	1/2	4,352.19	1/2	4,655.18	1/2	4,957.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,052.94	3/4	4,358.51	3/4	4,661.48	3/4	4,963.83	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,059.36	7	4,364.83	7	4,667.78	7	4,970.11	7		7		7		7		7		7	
1/4	4,065.78	1/4	4,371.15	1/4	4,674.08	1/4	4,976.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,072.19	1/2	4,377.46	1/2	4,680.38	1/2	4,982.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,078.61	3/4	4,383.78	3/4	4,686.68	3/4	4,988.89	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,085.03	8	4,390.10	8	4,692.98	8	4,995.15	8		8		8		8		8		8	
1/4	4,091.45	1/4	4,396.42	1/4	4,699.28	1/4	5,001.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,097.86	1/2	4,402.74	1/2	4,705.58	1/2	5,007.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,104.28	3/4	4,409.06	3/4	4,711.88	3/4	5,013.93	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,110.70	9	4,415.37	9	4,718.18	9	5,020.19	9		9		9		9		9		9	
1/4	4,117.12	1/4	4,421.69	1/4	4,724.48	1/4	5,026.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,123.54	1/2	4,428.01	1/2	4,730.78	1/2	5,032.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,129.95	3/4	4,434.33	3/4	4,737.08	3/4	5,038.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,136.37	10	4,440.65	10	4,743.38	10	5,045.22	10		10		10		10		10		10	
1/4	4,142.79	1/4	4,446.97	1/4	4,749.68	1/4	5,051.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,149.21	1/2	4,453.28	1/2	4,755.98	1/2	5,057.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,155.63	3/4	4,459.60	3/4	4,762.28	3/4	5,063.93	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,162.04	11	4,465.92	11	4,768.58	11	5,070.17	11		11		11		11		11		11	
1/4	4,168.46	1/4	4,472.24	1/4	4,774.88	1/4	5,076.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,174.88	1/2	4,478.56	1/2	4,781.18	1/2	5,082.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,181.30	3/4	4,484.88	3/4	4,787.48	3/4	5,088.02	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2013 SW
CALCULATED: 10/28/2013 CL
PRINTED: 10/28/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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



BARGE "MPC 976"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-00"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	84	0	210	0	321	0		0		0		0		0		0	
1/4	1	1/4	86	1/4	212	1/4	323	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1	1/2	89	1/2	215	1/2	325	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	91	3/4	217	3/4	327	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2	1	94	1	220	1	328	1	1	1		1	1	1	1	1	1	1	1
1/4	3	1/4	96	1/4	223	1/4	330	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4	1/2	99	1/2	225	1/2	331	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5	3/4	101	3/4	228	3/4	333	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	6	2	104	2	230	2	334	2	2	2		2	2	2	2	2	2	2	2
1/4	7	1/4	106	1/4	233	1/4	336	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	9	1/2	109	1/2	236	1/2	337	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	10	3/4	111	3/4	238	3/4	338	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	11	3	114	3	241	3	340	3	3	3		3	3	3	3	3	3	3	3
1/4	13	1/4	117	1/4	243	1/4	341	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14	1/2	119	1/2	246	1/2	342	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	16	3/4	122	3/4	248	3/4	343	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	17	4	124	4	251	4	344	4	4	4		4	4	4	4	4	4	4	4
1/4	19	1/4	127	1/4	253	1/4	345	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21	1/2	130	1/2	256	1/2	345	1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22	3/4	132	3/4	258	3/4	346	3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	24	5	135	5	261	5	347	5	5	5		5	5	5	5	5	5	5	5
1/4	26	1/4	138	1/4	263	1/4	347	1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	28	1/2	140	1/2	266	1/2		1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	29	3/4	143	3/4	268	3/4		3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	31	6	146	6	270	6		6	6	6		6	6	6	6	6	6	6	6
1/4	33	1/4	148	1/4	273	1/4		1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35	1/2	151	1/2	275	1/2		1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	37	3/4	154	3/4	277	3/4		3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	39	7	156	7	280	7		7	7	7		7	7	7	7	7	7	7	7
1/4	41	1/4	159	1/4	282	1/4		1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43	1/2	162	1/2	284	1/2		1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45	3/4	164	3/4	287	3/4		3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	47	8	167	8	289	8		8	8	8		8	8	8	8	8	8	8	8
1/4	49	1/4	170	1/4	291	1/4		1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52	1/2	172	1/2	293	1/2		1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54	3/4	175	3/4	296	3/4		3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	56	9	178	9	298	9		9	9	9		9	9	9	9	9	9	9	9
1/4	58	1/4	180	1/4	300	1/4		1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60	1/2	183	1/2	302	1/2		1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63	3/4	186	3/4	304	3/4		3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	65	10	188	10	306	10		10	10	10		10	10	10	10	10	10	10	10
1/4	67	1/4	191	1/4	308	1/4		1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70	1/2	194	1/2	310	1/2		1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72	3/4	196	3/4	312	3/4		3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74	11	199	11	314	11		11	11	11		11	11	11	11	11	11	11	11
1/4	77	1/4	202	1/4	316	1/4		1/4	1/4	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79	1/2	204	1/2	318	1/2		1/2	1/2	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82	3/4	207	3/4	320	3/4		3/4	3/4	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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 2" DIAMETER PIPE.

STRAPPED: 10/28/2013 SW
CALCULATED: 10/28/2013 CL
PRINTED: 10/28/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MPC 976"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-10 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	399	0	798	0	1,197	0		0		0		0		0		0	
1/4	8	1/4	407	1/4	807	1/4	1,206	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	416	1/2	815	1/2	1,214	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	25	3/4	424	3/4	823	3/4	1,222	3/4		3/4		3/4		3/4		3/4		3/4	
1	33	1	432	1	832	1	1,231	1		1		1		1		1		1	
1/4	42	1/4	441	1/4	840	1/4	1,239	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	50	1/2	449	1/2	848	1/2	1,247	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	58	3/4	457	3/4	856	3/4	1,256	3/4		3/4		3/4		3/4		3/4		3/4	
2	67	2	466	2	865	2	1,264	2		2		2		2		2		2	
1/4	75	1/4	474	1/4	873	1/4	1,272	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83	1/2	482	1/2	881	1/2	1,281	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	91	3/4	491	3/4	890	3/4	1,289	3/4		3/4		3/4		3/4		3/4		3/4	
3	100	3	499	3	898	3	1,297	3		3		3		3		3		3	
1/4	108	1/4	507	1/4	906	1/4	1,305	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116	1/2	516	1/2	915	1/2	1,314	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125	3/4	524	3/4	923	3/4	1,322	3/4		3/4		3/4		3/4		3/4		3/4	
4	133	4	532	4	931	4	1,330	4		4		4		4		4		4	
1/4	141	1/4	540	1/4	940	1/4	1,339	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	150	1/2	549	1/2	948	1/2	1,347	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158	3/4	557	3/4	956	3/4	1,355	3/4		3/4		3/4		3/4		3/4		3/4	
5	166	5	565	5	965	5	1,364	5		5		5		5		5		5	
1/4	175	1/4	574	1/4	973	1/4	1,367	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	183	1/2	582	1/2	981	1/2	1,370	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	191	3/4	590	3/4	989	3/4	1,374	3/4		3/4		3/4		3/4		3/4		3/4	
6	200	6	599	6	998	6	1,377	6		6		6		6		6		6	
1/4	208	1/4	607	1/4	1,006	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	216	1/2	615	1/2	1,014	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225	3/4	624	3/4	1,023	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	233	7	632	7	1,031	7		7		7		7		7		7		7	
1/4	241	1/4	640	1/4	1,039	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	249	1/2	649	1/2	1,048	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	258	3/4	657	3/4	1,056	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	266	8	665	8	1,064	8		8		8		8		8		8		8	
1/4	274	1/4	674	1/4	1,073	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	682	1/2	1,081	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291	3/4	690	3/4	1,089	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	299	9	698	9	1,098	9		9		9		9		9		9		9	
1/4	308	1/4	707	1/4	1,106	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	316	1/2	715	1/2	1,114	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	324	3/4	723	3/4	1,123	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	333	10	732	10	1,131	10		10		10		10		10		10		10	
1/4	341	1/4	740	1/4	1,139	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	349	1/2	748	1/2	1,147	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	358	3/4	757	3/4	1,156	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	366	11	765	11	1,164	11		11		11		11		11		11		11	
1/4	374	1/4	773	1/4	1,172	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	382	1/2	782	1/2	1,181	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	391	3/4	790	3/4	1,189	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 AT HATCH.

STRAPPED: 10/28/2013 SW
CALCULATED: 10/28/2013 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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