



BARGE "MPC 974"

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	00-3/4	- 00-3/4	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	00-3/4	- 00-3/4	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 16, 2013

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 974"

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	26.48	0	401.31	0	786.38	0	1,171.05	0	1,556.04	0	1,941.12	0	2,326.20	0	2,711.28	0	3,096.34	0	3,481.37
1/4	32.50	1/4	409.34	1/4	794.41	1/4	1,179.06	1/4	1,564.07	1/4	1,949.15	1/4	2,334.23	1/4	2,719.31	1/4	3,104.37	1/4	3,489.39
1/2	38.52	1/2	417.36	1/2	802.43	1/2	1,187.07	1/2	1,572.09	1/2	1,957.17	1/2	2,342.25	1/2	2,727.33	1/2	3,112.39	1/2	3,497.41
3/4	44.53	3/4	425.38	3/4	810.45	3/4	1,195.08	3/4	1,580.11	3/4	1,965.19	3/4	2,350.27	3/4	2,735.35	3/4	3,120.41	3/4	3,505.43
1	50.55	1	433.40	1	818.47	1	1,203.10	1	1,588.13	1	1,973.21	1	2,358.29	1	2,743.37	1	3,128.43	1	3,513.45
1/4	58.05	1/4	441.43	1/4	826.50	1/4	1,211.11	1/4	1,596.16	1/4	1,981.24	1/4	2,366.32	1/4	2,751.40	1/4	3,136.45	1/4	3,521.47
1/2	65.55	1/2	449.45	1/2	834.52	1/2	1,219.13	1/2	1,604.18	1/2	1,989.26	1/2	2,374.34	1/2	2,759.42	1/2	3,144.47	1/2	3,529.49
3/4	73.05	3/4	457.47	3/4	842.54	3/4	1,227.14	3/4	1,612.20	3/4	1,997.28	3/4	2,382.36	3/4	2,767.44	3/4	3,152.49	3/4	3,537.51
2	80.55	2	465.49	2	850.56	2	1,235.16	2	1,620.22	2	2,005.30	2	2,390.38	2	2,775.46	2	3,160.52	2	3,545.53
1/4	88.55	1/4	473.51	1/4	858.59	1/4	1,243.18	1/4	1,628.25	1/4	2,013.33	1/4	2,398.41	1/4	2,783.49	1/4	3,168.54	1/4	3,553.55
1/2	96.55	1/2	481.54	1/2	866.61	1/2	1,251.20	1/2	1,636.27	1/2	2,021.35	1/2	2,406.43	1/2	2,791.51	1/2	3,176.56	1/2	3,561.57
3/4	104.54	3/4	489.56	3/4	874.63	3/4	1,259.21	3/4	1,644.29	3/4	2,029.37	3/4	2,414.45	3/4	2,799.53	3/4	3,184.58	3/4	3,569.59
3	112.54	3	497.58	3	882.65	3	1,267.23	3	1,652.31	3	2,037.39	3	2,422.47	3	2,807.55	3	3,192.60	3	3,577.61
1/4	120.56	1/4	505.60	1/4	890.67	1/4	1,275.26	1/4	1,660.34	1/4	2,045.42	1/4	2,430.50	1/4	2,815.58	1/4	3,200.62	1/4	3,585.63
1/2	128.57	1/2	513.63	1/2	898.70	1/2	1,283.28	1/2	1,668.36	1/2	2,053.44	1/2	2,438.52	1/2	2,823.60	1/2	3,208.65	1/2	3,593.65
3/4	136.59	3/4	521.65	3/4	906.72	3/4	1,291.30	3/4	1,676.38	3/4	2,061.46	3/4	2,446.54	3/4	2,831.63	3/4	3,216.67	3/4	3,601.67
4	144.60	4	529.67	4	914.74	4	1,299.32	4	1,684.40	4	2,069.48	4	2,454.56	4	2,839.66	4	3,224.69	4	3,609.69
1/4	152.62	1/4	537.69	1/4	922.76	1/4	1,307.35	1/4	1,692.43	1/4	2,077.51	1/4	2,462.59	1/4	2,847.68	1/4	3,232.71	1/4	3,617.71
1/2	160.65	1/2	545.72	1/2	930.77	1/2	1,315.37	1/2	1,700.45	1/2	2,085.53	1/2	2,470.61	1/2	2,855.70	1/2	3,240.73	1/2	3,625.74
3/4	168.67	3/4	553.74	3/4	938.79	3/4	1,323.39	3/4	1,708.47	3/4	2,093.55	3/4	2,478.63	3/4	2,863.72	3/4	3,248.75	3/4	3,633.76
5	176.69	5	561.76	5	946.81	5	1,331.41	5	1,716.49	5	2,101.57	5	2,486.65	5	2,871.74	5	3,256.77	5	3,641.78
1/4	184.71	1/4	569.78	1/4	954.82	1/4	1,339.44	1/4	1,724.52	1/4	2,109.60	1/4	2,494.68	1/4	2,879.76	1/4	3,264.80	1/4	3,649.80
1/2	192.73	1/2	577.80	1/2	962.82	1/2	1,347.46	1/2	1,732.54	1/2	2,117.62	1/2	2,502.70	1/2	2,887.79	1/2	3,272.82	1/2	3,657.82
3/4	200.76	3/4	585.83	3/4	970.83	3/4	1,355.48	3/4	1,740.56	3/4	2,125.64	3/4	2,510.72	3/4	2,895.81	3/4	3,280.84	3/4	3,665.84
6	208.78	6	593.85	6	978.84	6	1,363.50	6	1,748.58	6	2,133.66	6	2,518.74	6	2,903.83	6	3,288.86	6	3,673.86
1/4	216.80	1/4	601.87	1/4	986.85	1/4	1,371.53	1/4	1,756.61	1/4	2,141.69	1/4	2,526.77	1/4	2,911.85	1/4	3,296.88	1/4	3,681.88
1/2	224.82	1/2	609.89	1/2	994.86	1/2	1,379.55	1/2	1,764.63	1/2	2,149.71	1/2	2,534.79	1/2	2,919.87	1/2	3,304.90	1/2	3,689.90
3/4	232.85	3/4	617.92	3/4	1,002.87	3/4	1,387.57	3/4	1,772.65	3/4	2,157.73	3/4	2,542.81	3/4	2,927.89	3/4	3,312.92	3/4	3,697.92
7	240.87	7	625.94	7	1,010.88	7	1,395.59	7	1,780.67	7	2,165.75	7	2,550.83	7	2,935.91	7	3,320.95	7	3,705.94
1/4	248.89	1/4	633.96	1/4	1,018.88	1/4	1,403.62	1/4	1,788.70	1/4	2,173.78	1/4	2,558.86	1/4	2,943.94	1/4	3,328.97	1/4	3,713.96
1/2	256.91	1/2	641.98	1/2	1,026.89	1/2	1,411.64	1/2	1,796.72	1/2	2,181.80	1/2	2,566.88	1/2	2,951.96	1/2	3,336.99	1/2	3,721.98
3/4	264.94	3/4	650.01	3/4	1,034.90	3/4	1,419.66	3/4	1,804.74	3/4	2,189.82	3/4	2,574.90	3/4	2,959.98	3/4	3,345.01	3/4	3,730.00
8	272.96	8	658.03	8	1,042.91	8	1,427.68	8	1,812.76	8	2,197.84	8	2,582.92	8	2,968.00	8	3,353.03	8	3,738.02
1/4	280.98	1/4	666.05	1/4	1,050.92	1/4	1,435.71	1/4	1,820.79	1/4	2,205.87	1/4	2,590.95	1/4	2,976.02	1/4	3,361.05	1/4	3,746.04
1/2	289.00	1/2	674.07	1/2	1,058.93	1/2	1,443.73	1/2	1,828.81	1/2	2,213.89	1/2	2,598.97	1/2	2,984.04	1/2	3,369.08	1/2	3,754.06
3/4	297.02	3/4	682.09	3/4	1,066.94	3/4	1,451.75	3/4	1,836.83	3/4	2,221.91	3/4	2,606.99	3/4	2,992.06	3/4	3,377.10	3/4	3,762.08
9	305.05	9	690.12	9	1,074.94	9	1,459.77	9	1,844.85	9	2,229.93	9	2,615.01	9	3,000.09	9	3,385.12	9	3,770.10
1/4	313.07	1/4	698.14	1/4	1,082.95	1/4	1,467.80	1/4	1,852.88	1/4	2,237.96	1/4	2,623.04	1/4	3,008.11	1/4	3,393.14	1/4	3,778.12
1/2	321.09	1/2	706.16	1/2	1,090.96	1/2	1,475.82	1/2	1,860.90	1/2	2,245.98	1/2	2,631.06	1/2	3,016.13	1/2	3,401.16	1/2	3,786.14
3/4	329.11	3/4	714.18	3/4	1,098.97	3/4	1,483.84	3/4	1,868.92	3/4	2,254.00	3/4	2,639.08	3/4	3,024.15	3/4	3,409.18	3/4	3,794.16
10	337.14	10	722.21	10	1,106.98	10	1,491.86	10	1,876.94	10	2,262.02	10	2,647.10	10	3,032.17	10	3,417.20	10	3,802.18
1/4	345.16	1/4	730.23	1/4	1,114.99	1/4	1,499.89	1/4	1,884.97	1/4	2,270.05	1/4	2,655.13	1/4	3,040.19	1/4	3,425.22	1/4	3,810.20
1/2	353.18	1/2	738.25	1/2	1,122.99	1/2	1,507.91	1/2	1,892.99	1/2	2,278.07	1/2	2,663.15	1/2	3,048.22	1/2	3,433.25	1/2	3,818.22
3/4	361.20	3/4	746.27	3/4	1,131.00	3/4	1,515.93	3/4	1,901.01	3/4	2,286.09	3/4	2,671.17	3/4	3,056.24	3/4	3,441.27	3/4	3,826.25
11	369.22	11	754.30	11	1,139.01	11	1,523.95	11	1,909.03	11	2,294.11	11	2,679.19	11	3,064.26	11	3,449.29	11	3,834.27
1/4	377.25	1/4	762.32	1/4	1,147.02	1/4	1,531.98	1/4	1,917.06	1/4	2,302.14	1/4	2,687.22	1/4	3,072.28	1/4	3,457.31	1/4	3,842.29
1/2	385.27	1/2	770.34	1/2	1,155.03	1/2	1,540.00	1/2	1,925.08	1/2	2,310.16	1/2	2,695.24	1/2	3,080.30	1/2	3,465.33	1/2	3,850.31
3/4	393.29	3/4	778.36	3/4	1,163.04	3/4	1,548.02	3/4	1,933.10	3/4	2,318.18	3/4	2,703.26	3/4	3,088.32	3/4	3,473.35	3/4	3,858.33

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 974"

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.	
0	3,866.35	0	4,251.33	0	4,636.31	0	5,020.39	0	5,401.78	0		0		0		0		0	
1/4	3,874.37	1/4	4,259.35	1/4	4,644.33	1/4	5,028.39	1/4	5,408.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,882.39	1/2	4,267.37	1/2	4,652.35	1/2	5,036.39	1/2	5,415.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,890.41	3/4	4,275.39	3/4	4,660.37	3/4	5,044.38	3/4	5,422.18	3/4		3/4		3/4		3/4		3/4	
1	3,898.43	1	4,283.41	1	4,668.39	1	5,052.38	1	5,428.98	1		1		1		1		1	
1/4	3,906.45	1/4	4,291.43	1/4	4,676.41	1/4	5,060.38	1/4	5,434.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,914.47	1/2	4,299.45	1/2	4,684.43	1/2	5,068.37	1/2	5,440.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,922.49	3/4	4,307.47	3/4	4,692.45	3/4	5,076.37	3/4	5,445.95	3/4		3/4		3/4		3/4		3/4	
2	3,930.51	2	4,315.49	2	4,700.47	2	5,084.37	2	5,451.61	2		2		2		2		2	
1/4	3,938.53	1/4	4,323.51	1/4	4,708.48	1/4	5,092.36	1/4	5,456.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,946.55	1/2	4,331.53	1/2	4,716.49	1/2	5,100.36	1/2	5,460.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,954.57	3/4	4,339.55	3/4	4,724.50	3/4	5,108.36	3/4	5,465.13	3/4		3/4		3/4		3/4		3/4	
3	3,962.59	3	4,347.57	3	4,732.50	3	5,116.35	3		3		3		3		3		3	
1/4	3,970.61	1/4	4,355.59	1/4	4,740.50	1/4	5,124.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,978.63	1/2	4,363.61	1/2	4,748.50	1/2	5,132.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,986.65	3/4	4,371.63	3/4	4,756.49	3/4	5,140.35	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,994.67	4	4,379.65	4	4,764.49	4	5,148.34	4		4		4		4		4		4	
1/4	4,002.69	1/4	4,387.67	1/4	4,772.49	1/4	5,156.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,010.71	1/2	4,395.69	1/2	4,780.49	1/2	5,164.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,018.73	3/4	4,403.71	3/4	4,788.48	3/4	5,172.33	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,026.76	5	4,411.73	5	4,796.48	5	5,180.33	5		5		5		5		5		5	
1/4	4,034.78	1/4	4,419.75	1/4	4,804.48	1/4	5,188.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,042.80	1/2	4,427.78	1/2	4,812.47	1/2	5,196.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,050.82	3/4	4,435.80	3/4	4,820.47	3/4	5,204.32	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,058.84	6	4,443.82	6	4,828.47	6	5,212.32	6		6		6		6		6		6	
1/4	4,066.86	1/4	4,451.84	1/4	4,836.46	1/4	5,220.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,074.88	1/2	4,459.86	1/2	4,844.46	1/2	5,228.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,082.90	3/4	4,467.88	3/4	4,852.46	3/4	5,236.23	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,090.92	7	4,475.90	7	4,860.45	7	5,244.20	7		7		7		7		7		7	
1/4	4,098.94	1/4	4,483.92	1/4	4,868.45	1/4	5,252.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,106.96	1/2	4,491.94	1/2	4,876.45	1/2	5,260.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,114.98	3/4	4,499.96	3/4	4,884.44	3/4	5,268.04	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,123.00	8	4,507.98	8	4,892.44	8	5,275.98	8		8		8		8		8		8	
1/4	4,131.02	1/4	4,516.00	1/4	4,900.44	1/4	5,283.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,139.04	1/2	4,524.02	1/2	4,908.44	1/2	5,291.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,147.06	3/4	4,532.04	3/4	4,916.43	3/4	5,299.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,155.08	9	4,540.06	9	4,924.43	9	5,307.76	9		9		9		9		9		9	
1/4	4,163.10	1/4	4,548.08	1/4	4,932.43	1/4	5,315.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,171.12	1/2	4,556.10	1/2	4,940.42	1/2	5,323.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,179.14	3/4	4,564.12	3/4	4,948.42	3/4	5,331.59	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,187.16	10	4,572.14	10	4,956.42	10	5,339.53	10		10		10		10		10		10	
1/4	4,195.18	1/4	4,580.16	1/4	4,964.41	1/4	5,347.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,203.20	1/2	4,588.18	1/2	4,972.41	1/2	5,355.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,211.22	3/4	4,596.20	3/4	4,980.41	3/4	5,363.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,219.24	11	4,604.22	11	4,988.40	11	5,371.22	11		11		11		11		11		11	
1/4	4,227.27	1/4	4,612.24	1/4	4,996.40	1/4	5,378.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,235.29	1/2	4,620.26	1/2	5,004.40	1/2	5,386.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,243.31	3/4	4,628.29	3/4	5,012.40	3/4	5,394.14	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 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 974"

1 STBD 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	26.50	0	401.59	0	786.92	0	1,170.57	0	1,555.50	0	1,940.83	0	2,326.15	0	2,711.48	0	3,096.77	0	3,482.03
1/4	32.52	1/4	409.62	1/4	794.95	1/4	1,178.56	1/4	1,563.53	1/4	1,948.86	1/4	2,334.18	1/4	2,719.51	1/4	3,104.79	1/4	3,490.06
1/2	38.54	1/2	417.64	1/2	802.98	1/2	1,186.54	1/2	1,571.56	1/2	1,956.88	1/2	2,342.21	1/2	2,727.53	1/2	3,112.82	1/2	3,498.08
3/4	44.56	3/4	425.67	3/4	811.01	3/4	1,194.53	3/4	1,579.59	3/4	1,964.91	3/4	2,350.24	3/4	2,735.56	3/4	3,120.85	3/4	3,506.11
1	50.58	1	433.70	1	819.03	1	1,202.52	1	1,587.62	1	1,972.94	1	2,358.26	1	2,743.59	1	3,128.87	1	3,514.14
1/4	58.09	1/4	441.73	1/4	827.06	1/4	1,210.51	1/4	1,595.64	1/4	1,980.97	1/4	2,366.29	1/4	2,751.62	1/4	3,136.90	1/4	3,522.16
1/2	65.59	1/2	449.75	1/2	835.09	1/2	1,218.50	1/2	1,603.67	1/2	1,989.00	1/2	2,374.32	1/2	2,759.64	1/2	3,144.93	1/2	3,530.19
3/4	73.10	3/4	457.78	3/4	843.12	3/4	1,226.49	3/4	1,611.70	3/4	1,997.02	3/4	2,382.35	3/4	2,767.67	3/4	3,152.95	3/4	3,538.21
2	80.61	2	465.81	2	851.14	2	1,234.48	2	1,619.73	2	2,005.05	2	2,390.38	2	2,775.70	2	3,160.98	2	3,546.24
1/4	88.61	1/4	473.84	1/4	859.15	1/4	1,242.48	1/4	1,627.75	1/4	2,013.08	1/4	2,398.40	1/4	2,783.73	1/4	3,169.00	1/4	3,554.26
1/2	96.61	1/2	481.87	1/2	867.16	1/2	1,250.49	1/2	1,635.78	1/2	2,021.11	1/2	2,406.43	1/2	2,791.76	1/2	3,177.03	1/2	3,562.29
3/4	104.61	3/4	489.89	3/4	875.17	3/4	1,258.50	3/4	1,643.81	3/4	2,029.13	3/4	2,414.46	3/4	2,799.78	3/4	3,185.06	3/4	3,570.31
3	112.62	3	497.92	3	883.17	3	1,266.51	3	1,651.84	3	2,037.16	3	2,422.49	3	2,807.81	3	3,193.08	3	3,578.34
1/4	120.64	1/4	505.95	1/4	891.16	1/4	1,274.54	1/4	1,659.86	1/4	2,045.19	1/4	2,430.51	1/4	2,815.84	1/4	3,201.11	1/4	3,586.36
1/2	128.66	1/2	513.98	1/2	899.15	1/2	1,282.57	1/2	1,667.89	1/2	2,053.22	1/2	2,438.54	1/2	2,823.86	1/2	3,209.14	1/2	3,594.39
3/4	136.68	3/4	522.00	3/4	907.14	3/4	1,290.59	3/4	1,675.92	3/4	2,061.24	3/4	2,446.57	3/4	2,831.89	3/4	3,217.16	3/4	3,602.41
4	144.70	4	530.03	4	915.12	4	1,298.62	4	1,683.95	4	2,069.27	4	2,454.60	4	2,839.92	4	3,225.19	4	3,610.44
1/4	152.73	1/4	538.06	1/4	923.11	1/4	1,306.65	1/4	1,691.97	1/4	2,077.30	1/4	2,462.62	1/4	2,847.94	1/4	3,233.22	1/4	3,618.47
1/2	160.76	1/2	546.09	1/2	931.09	1/2	1,314.68	1/2	1,700.00	1/2	2,085.33	1/2	2,470.65	1/2	2,855.97	1/2	3,241.24	1/2	3,626.49
3/4	168.78	3/4	554.12	3/4	939.07	3/4	1,322.70	3/4	1,708.03	3/4	2,093.35	3/4	2,478.68	3/4	2,864.00	3/4	3,249.27	3/4	3,634.52
5	176.81	5	562.14	5	947.06	5	1,330.73	5	1,716.06	5	2,101.38	5	2,486.71	5	2,872.02	5	3,257.30	5	3,642.54
1/4	184.84	1/4	570.17	1/4	955.04	1/4	1,338.76	1/4	1,724.08	1/4	2,109.41	1/4	2,494.73	1/4	2,880.05	1/4	3,265.32	1/4	3,650.57
1/2	192.87	1/2	578.20	1/2	963.02	1/2	1,346.79	1/2	1,732.11	1/2	2,117.44	1/2	2,502.76	1/2	2,888.08	1/2	3,273.35	1/2	3,658.59
3/4	200.89	3/4	586.23	3/4	971.00	3/4	1,354.82	3/4	1,740.14	3/4	2,125.46	3/4	2,510.79	3/4	2,896.10	3/4	3,281.38	3/4	3,666.62
6	208.92	6	594.26	6	978.98	6	1,362.84	6	1,748.17	6	2,133.49	6	2,518.82	6	2,904.13	6	3,289.40	6	3,674.64
1/4	216.95	1/4	602.28	1/4	986.96	1/4	1,370.87	1/4	1,756.19	1/4	2,141.52	1/4	2,526.84	1/4	2,912.16	1/4	3,297.43	1/4	3,682.67
1/2	224.98	1/2	610.31	1/2	994.94	1/2	1,378.90	1/2	1,764.22	1/2	2,149.55	1/2	2,534.87	1/2	2,920.18	1/2	3,305.46	1/2	3,690.69
3/4	233.00	3/4	618.34	3/4	1,002.93	3/4	1,386.93	3/4	1,772.25	3/4	2,157.57	3/4	2,542.90	3/4	2,928.21	3/4	3,313.48	3/4	3,698.72
7	241.03	7	626.37	7	1,010.91	7	1,394.95	7	1,780.28	7	2,165.60	7	2,550.93	7	2,936.24	7	3,321.51	7	3,706.74
1/4	249.06	1/4	634.39	1/4	1,018.89	1/4	1,402.98	1/4	1,788.31	1/4	2,173.63	1/4	2,558.95	1/4	2,944.26	1/4	3,329.53	1/4	3,714.77
1/2	257.09	1/2	642.42	1/2	1,026.87	1/2	1,411.01	1/2	1,796.33	1/2	2,181.66	1/2	2,566.98	1/2	2,952.29	1/2	3,337.56	1/2	3,722.80
3/4	265.12	3/4	650.45	3/4	1,034.86	3/4	1,419.04	3/4	1,804.36	3/4	2,189.69	3/4	2,575.01	3/4	2,960.32	3/4	3,345.59	3/4	3,730.82
8	273.14	8	658.48	8	1,042.84	8	1,427.06	8	1,812.39	8	2,197.71	8	2,583.04	8	2,968.34	8	3,353.61	8	3,738.85
1/4	281.17	1/4	666.51	1/4	1,050.82	1/4	1,435.09	1/4	1,820.42	1/4	2,205.74	1/4	2,591.07	1/4	2,976.37	1/4	3,361.64	1/4	3,746.87
1/2	289.20	1/2	674.53	1/2	1,058.81	1/2	1,443.12	1/2	1,828.44	1/2	2,213.77	1/2	2,599.09	1/2	2,984.40	1/2	3,369.67	1/2	3,754.90
3/4	297.23	3/4	682.56	3/4	1,066.79	3/4	1,451.15	3/4	1,836.47	3/4	2,221.80	3/4	2,607.12	3/4	2,992.42	3/4	3,377.69	3/4	3,762.92
9	305.25	9	690.59	9	1,074.77	9	1,459.17	9	1,844.50	9	2,229.82	9	2,615.15	9	3,000.45	9	3,385.72	9	3,770.95
1/4	313.28	1/4	698.62	1/4	1,082.76	1/4	1,467.20	1/4	1,852.53	1/4	2,237.85	1/4	2,623.18	1/4	3,008.47	1/4	3,393.75	1/4	3,778.97
1/2	321.31	1/2	706.64	1/2	1,090.74	1/2	1,475.23	1/2	1,860.55	1/2	2,245.88	1/2	2,631.20	1/2	3,016.50	1/2	3,401.77	1/2	3,787.00
3/4	329.34	3/4	714.67	3/4	1,098.72	3/4	1,483.26	3/4	1,868.58	3/4	2,253.91	3/4	2,639.23	3/4	3,024.53	3/4	3,409.80	3/4	3,795.02
10	337.37	10	722.70	10	1,106.71	10	1,491.28	10	1,876.61	10	2,261.93	10	2,647.26	10	3,032.55	10	3,417.83	10	3,803.05
1/4	345.39	1/4	730.73	1/4	1,114.69	1/4	1,499.31	1/4	1,884.64	1/4	2,269.96	1/4	2,655.29	1/4	3,040.58	1/4	3,425.85	1/4	3,811.08
1/2	353.42	1/2	738.76	1/2	1,122.67	1/2	1,507.34	1/2	1,892.66	1/2	2,277.99	1/2	2,663.31	1/2	3,048.61	1/2	3,433.88	1/2	3,819.10
3/4	361.45	3/4	746.78	3/4	1,130.65	3/4	1,515.37	3/4	1,900.69	3/4	2,286.02	3/4	2,671.34	3/4	3,056.63	3/4	3,441.91	3/4	3,827.13
11	369.48	11	754.81	11	1,138.64	11	1,523.39	11	1,908.72	11	2,294.04	11	2,679.37	11	3,064.66	11	3,449.93	11	3,835.15
1/4	377.50	1/4	762.84	1/4	1,146.62	1/4	1,531.42	1/4	1,916.75	1/4	2,302.07	1/4	2,687.40	1/4	3,072.69	1/4	3,457.96	1/4	3,843.18
1/2	385.53	1/2	770.87	1/2	1,154.60	1/2	1,539.45	1/2	1,924.77	1/2	2,310.10	1/2	2,695.42	1/2	3,080.71	1/2	3,465.98	1/2	3,851.20
3/4	393.56	3/4	778.89	3/4	1,162.59	3/4	1,547.48	3/4	1,932.80	3/4	2,318.13	3/4	2,703.45	3/4	3,088.74	3/4	3,474.01	3/4	3,859.23

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 974"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	3,867.25	0	4,252.47	0	4,637.69	0	5,022.02	0	5,403.66	0		0		0		0		0	
1/4	3,875.28	1/4	4,260.50	1/4	4,645.72	1/4	5,030.02	1/4	5,410.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,883.30	1/2	4,268.52	1/2	4,653.74	1/2	5,038.02	1/2	5,417.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,891.33	3/4	4,276.55	3/4	4,661.77	3/4	5,046.03	3/4	5,424.07	3/4		3/4		3/4		3/4		3/4	
1	3,899.35	1	4,284.57	1	4,669.79	1	5,054.03	1	5,430.88	1		1		1		1		1	
1/4	3,907.38	1/4	4,292.60	1/4	4,677.82	1/4	5,062.03	1/4	5,436.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,915.41	1/2	4,300.62	1/2	4,685.84	1/2	5,070.03	1/2	5,442.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,923.43	3/4	4,308.65	3/4	4,693.87	3/4	5,078.03	3/4	5,447.85	3/4		3/4		3/4		3/4		3/4	
2	3,931.46	2	4,316.68	2	4,701.89	2	5,086.04	2	5,453.51	2		2		2		2		2	
1/4	3,939.48	1/4	4,324.70	1/4	4,709.91	1/4	5,094.04	1/4	5,458.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,947.51	1/2	4,332.73	1/2	4,717.92	1/2	5,102.04	1/2	5,462.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,955.53	3/4	4,340.75	3/4	4,725.94	3/4	5,110.04	3/4	5,467.05	3/4		3/4		3/4		3/4		3/4	
3	3,963.56	3	4,348.78	3	4,733.95	3	5,118.04	3		3		3		3		3		3	
1/4	3,971.58	1/4	4,356.80	1/4	4,741.95	1/4	5,126.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,979.61	1/2	4,364.83	1/2	4,749.96	1/2	5,134.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,987.63	3/4	4,372.85	3/4	4,757.96	3/4	5,142.05	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,995.66	4	4,380.88	4	4,765.96	4	5,150.05	4		4		4		4		4		4	
1/4	4,003.68	1/4	4,388.90	1/4	4,773.96	1/4	5,158.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,011.71	1/2	4,396.93	1/2	4,781.96	1/2	5,166.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,019.74	3/4	4,404.95	3/4	4,789.97	3/4	5,174.06	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,027.76	5	4,412.98	5	4,797.97	5	5,182.06	5		5		5		5		5		5	
1/4	4,035.79	1/4	4,421.01	1/4	4,805.97	1/4	5,190.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,043.81	1/2	4,429.03	1/2	4,813.97	1/2	5,198.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,051.84	3/4	4,437.06	3/4	4,821.97	3/4	5,206.06	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,059.86	6	4,445.08	6	4,829.97	6	5,214.07	6		6		6		6		6		6	
1/4	4,067.89	1/4	4,453.11	1/4	4,837.98	1/4	5,222.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,075.91	1/2	4,461.13	1/2	4,845.98	1/2	5,230.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,083.94	3/4	4,469.16	3/4	4,853.98	3/4	5,237.99	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,091.96	7	4,477.18	7	4,861.98	7	5,245.97	7		7		7		7		7		7	
1/4	4,099.99	1/4	4,485.21	1/4	4,869.98	1/4	5,253.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,108.01	1/2	4,493.23	1/2	4,877.99	1/2	5,261.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,116.04	3/4	4,501.26	3/4	4,885.99	3/4	5,269.82	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,124.07	8	4,509.28	8	4,893.99	8	5,277.77	8		8		8		8		8		8	
1/4	4,132.09	1/4	4,517.31	1/4	4,901.99	1/4	5,285.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,140.12	1/2	4,525.34	1/2	4,909.99	1/2	5,293.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,148.14	3/4	4,533.36	3/4	4,918.00	3/4	5,301.62	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,156.17	9	4,541.39	9	4,926.00	9	5,309.58	9		9		9		9		9		9	
1/4	4,164.19	1/4	4,549.41	1/4	4,934.00	1/4	5,317.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,172.22	1/2	4,557.44	1/2	4,942.00	1/2	5,325.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,180.24	3/4	4,565.46	3/4	4,950.00	3/4	5,333.42	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,188.27	10	4,573.49	10	4,958.01	10	5,341.36	10		10		10		10		10		10	
1/4	4,196.29	1/4	4,581.51	1/4	4,966.01	1/4	5,349.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,204.32	1/2	4,589.54	1/2	4,974.01	1/2	5,357.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,212.35	3/4	4,597.56	3/4	4,982.01	3/4	5,365.15	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,220.37	11	4,605.59	11	4,990.01	11	5,373.08	11		11		11		11		11		11	
1/4	4,228.40	1/4	4,613.62	1/4	4,998.01	1/4	5,380.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,236.42	1/2	4,621.64	1/2	5,006.02	1/2	5,388.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,244.45	3/4	4,629.67	3/4	5,014.02	3/4	5,396.01	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 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 974"

2 PORT 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	27.13	0	411.19	0	805.74	0	1,199.87	0	1,594.35	0	1,988.92	0	2,383.48	0	2,778.05	0	3,172.56	0	3,567.07
1/4	33.29	1/4	419.41	1/4	813.96	1/4	1,208.08	1/4	1,602.57	1/4	1,997.14	1/4	2,391.70	1/4	2,786.27	1/4	3,180.78	1/4	3,575.28
1/2	39.45	1/2	427.63	1/2	822.18	1/2	1,216.29	1/2	1,610.79	1/2	2,005.36	1/2	2,399.92	1/2	2,794.49	1/2	3,189.00	1/2	3,583.50
3/4	45.62	3/4	435.85	3/4	830.40	3/4	1,224.50	3/4	1,619.01	3/4	2,013.58	3/4	2,408.14	3/4	2,802.71	3/4	3,197.22	3/4	3,591.72
1	51.78	1	444.07	1	838.62	1	1,232.71	1	1,627.23	1	2,021.80	1	2,416.36	1	2,810.93	1	3,205.44	1	3,599.94
1/4	59.47	1/4	452.29	1/4	846.84	1/4	1,240.92	1/4	1,635.45	1/4	2,030.02	1/4	2,424.58	1/4	2,819.15	1/4	3,213.66	1/4	3,608.16
1/2	67.15	1/2	460.51	1/2	855.06	1/2	1,249.14	1/2	1,643.67	1/2	2,038.24	1/2	2,432.80	1/2	2,827.37	1/2	3,221.88	1/2	3,616.37
3/4	74.84	3/4	468.73	3/4	863.28	3/4	1,257.35	3/4	1,651.89	3/4	2,046.46	3/4	2,441.02	3/4	2,835.59	3/4	3,230.09	3/4	3,624.59
2	82.52	2	476.95	2	871.50	2	1,265.56	2	1,660.11	2	2,054.68	2	2,449.24	2	2,843.81	2	3,238.31	2	3,632.81
1/4	90.72	1/4	485.17	1/4	879.72	1/4	1,273.78	1/4	1,668.33	1/4	2,062.90	1/4	2,457.46	1/4	2,852.03	1/4	3,246.53	1/4	3,641.03
1/2	98.91	1/2	493.39	1/2	887.94	1/2	1,282.00	1/2	1,676.55	1/2	2,071.12	1/2	2,465.68	1/2	2,860.25	1/2	3,254.75	1/2	3,649.24
3/4	107.11	3/4	501.61	3/4	896.16	3/4	1,290.21	3/4	1,684.77	3/4	2,079.34	3/4	2,473.90	3/4	2,868.47	3/4	3,262.97	3/4	3,657.46
3	115.30	3	509.83	3	904.38	3	1,298.43	3	1,692.99	3	2,087.56	3	2,482.12	3	2,876.69	3	3,271.19	3	3,665.68
1/4	123.51	1/4	518.05	1/4	912.60	1/4	1,306.65	1/4	1,701.21	1/4	2,095.78	1/4	2,490.34	1/4	2,884.91	1/4	3,279.41	1/4	3,673.90
1/2	131.73	1/2	526.27	1/2	920.82	1/2	1,314.87	1/2	1,709.43	1/2	2,104.00	1/2	2,498.56	1/2	2,893.12	1/2	3,287.63	1/2	3,682.12
3/4	139.94	3/4	534.49	3/4	929.04	3/4	1,323.09	3/4	1,717.65	3/4	2,112.22	3/4	2,506.78	3/4	2,901.34	3/4	3,295.85	3/4	3,690.33
4	148.15	4	542.71	4	937.26	4	1,331.31	4	1,725.87	4	2,120.44	4	2,515.00	4	2,909.56	4	3,304.06	4	3,698.55
1/4	156.37	1/4	550.93	1/4	945.47	1/4	1,339.53	1/4	1,734.09	1/4	2,128.66	1/4	2,523.22	1/4	2,917.78	1/4	3,312.28	1/4	3,706.77
1/2	164.59	1/2	559.15	1/2	953.68	1/2	1,347.75	1/2	1,742.31	1/2	2,136.88	1/2	2,531.44	1/2	2,925.99	1/2	3,320.50	1/2	3,714.99
3/4	172.81	3/4	567.37	3/4	961.89	3/4	1,355.97	3/4	1,750.53	3/4	2,145.10	3/4	2,539.66	3/4	2,934.21	3/4	3,328.72	3/4	3,723.20
5	181.03	5	575.58	5	970.11	5	1,364.19	5	1,758.75	5	2,153.32	5	2,547.88	5	2,942.43	5	3,336.94	5	3,731.42
1/4	189.25	1/4	583.80	1/4	978.31	1/4	1,372.41	1/4	1,766.98	1/4	2,161.54	1/4	2,556.10	1/4	2,950.65	1/4	3,345.16	1/4	3,739.64
1/2	197.47	1/2	592.02	1/2	986.52	1/2	1,380.63	1/2	1,775.20	1/2	2,169.76	1/2	2,564.32	1/2	2,958.87	1/2	3,353.38	1/2	3,747.86
3/4	205.69	3/4	600.24	3/4	994.72	3/4	1,388.85	3/4	1,783.42	3/4	2,177.98	3/4	2,572.54	3/4	2,967.09	3/4	3,361.60	3/4	3,756.08
6	213.91	6	608.46	6	1,002.93	6	1,397.07	6	1,791.64	6	2,186.20	6	2,580.76	6	2,975.31	6	3,369.82	6	3,764.29
1/4	222.13	1/4	616.68	1/4	1,011.14	1/4	1,405.29	1/4	1,799.86	1/4	2,194.42	1/4	2,588.99	1/4	2,983.53	1/4	3,378.03	1/4	3,772.51
1/2	230.35	1/2	624.90	1/2	1,019.34	1/2	1,413.51	1/2	1,808.08	1/2	2,202.64	1/2	2,597.21	1/2	2,991.75	1/2	3,386.25	1/2	3,780.73
3/4	238.57	3/4	633.12	3/4	1,027.55	3/4	1,421.73	3/4	1,816.30	3/4	2,210.86	3/4	2,605.43	3/4	2,999.96	3/4	3,394.47	3/4	3,788.95
7	246.79	7	641.34	7	1,035.75	7	1,429.95	7	1,824.52	7	2,219.08	7	2,613.65	7	3,008.18	7	3,402.69	7	3,797.16
1/4	255.01	1/4	649.56	1/4	1,043.96	1/4	1,438.17	1/4	1,832.74	1/4	2,227.30	1/4	2,621.87	1/4	3,016.40	1/4	3,410.91	1/4	3,805.38
1/2	263.23	1/2	657.78	1/2	1,052.17	1/2	1,446.39	1/2	1,840.96	1/2	2,235.52	1/2	2,630.09	1/2	3,024.62	1/2	3,419.13	1/2	3,813.60
3/4	271.45	3/4	666.00	3/4	1,060.37	3/4	1,454.61	3/4	1,849.18	3/4	2,243.74	3/4	2,638.31	3/4	3,032.84	3/4	3,427.35	3/4	3,821.82
8	279.67	8	674.22	8	1,068.58	8	1,462.83	8	1,857.40	8	2,251.96	8	2,646.53	8	3,041.06	8	3,435.57	8	3,830.04
1/4	287.89	1/4	682.44	1/4	1,076.78	1/4	1,471.05	1/4	1,865.62	1/4	2,260.18	1/4	2,654.75	1/4	3,049.28	1/4	3,443.79	1/4	3,838.25
1/2	296.11	1/2	690.66	1/2	1,084.99	1/2	1,479.27	1/2	1,873.84	1/2	2,268.40	1/2	2,662.97	1/2	3,057.50	1/2	3,452.00	1/2	3,846.47
3/4	304.33	3/4	698.88	3/4	1,093.20	3/4	1,487.49	3/4	1,882.06	3/4	2,276.62	3/4	2,671.19	3/4	3,065.72	3/4	3,460.22	3/4	3,854.69
9	312.55	9	707.10	9	1,101.40	9	1,495.71	9	1,890.28	9	2,284.84	9	2,679.41	9	3,073.93	9	3,468.44	9	3,862.91
1/4	320.77	1/4	715.32	1/4	1,109.61	1/4	1,503.93	1/4	1,898.50	1/4	2,293.06	1/4	2,687.63	1/4	3,082.15	1/4	3,476.66	1/4	3,871.12
1/2	328.99	1/2	723.54	1/2	1,117.81	1/2	1,512.15	1/2	1,906.72	1/2	2,301.28	1/2	2,695.85	1/2	3,090.37	1/2	3,484.88	1/2	3,879.34
3/4	337.21	3/4	731.76	3/4	1,126.02	3/4	1,520.37	3/4	1,914.94	3/4	2,309.50	3/4	2,704.07	3/4	3,098.59	3/4	3,493.10	3/4	3,887.56
10	345.43	10	739.98	10	1,134.23	10	1,528.59	10	1,923.16	10	2,317.72	10	2,712.29	10	3,106.81	10	3,501.32	10	3,895.78
1/4	353.65	1/4	748.20	1/4	1,142.43	1/4	1,536.81	1/4	1,931.38	1/4	2,325.94	1/4	2,720.51	1/4	3,115.03	1/4	3,509.54	1/4	3,904.00
1/2	361.87	1/2	756.42	1/2	1,150.64	1/2	1,545.03	1/2	1,939.60	1/2	2,334.16	1/2	2,728.73	1/2	3,123.25	1/2	3,517.76	1/2	3,912.21
3/4	370.09	3/4	764.64	3/4	1,158.84	3/4	1,553.25	3/4	1,947.82	3/4	2,342.38	3/4	2,736.95	3/4	3,131.47	3/4	3,525.98	3/4	3,920.43
11	378.31	11	772.86	11	1,167.05	11	1,561.47	11	1,956.04	11	2,350.60	11	2,745.17	11	3,139.69	11	3,534.19	11	3,928.65
1/4	386.53	1/4	781.08	1/4	1,175.26	1/4	1,569.69	1/4	1,964.26	1/4	2,358.82	1/4	2,753.39	1/4	3,147.91	1/4	3,542.41	1/4	3,936.87
1/2	394.75	1/2	789.30	1/2	1,183.46	1/2	1,577.91	1/2	1,972.48	1/2	2,367.04	1/2	2,761.61	1/2	3,156.12	1/2	3,550.63	1/2	3,945.08
3/4	402.97	3/4	797.52	3/4	1,191.67	3/4	1,586.13	3/4	1,980.70	3/4	2,375.26	3/4	2,769.83	3/4	3,164.34	3/4	3,558.85	3/4	3,953.30

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 974"

2 PORT 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	3,961.52	0	4,355.97	0	4,750.43	0	5,144.00	0	5,534.84	0		0		0		0		0	
1/4	3,969.74	1/4	4,364.19	1/4	4,758.65	1/4	5,152.20	1/4	5,541.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,977.96	1/2	4,372.41	1/2	4,766.86	1/2	5,160.39	1/2	5,548.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,986.17	3/4	4,380.63	3/4	4,775.08	3/4	5,168.59	3/4	5,555.75	3/4		3/4		3/4		3/4		3/4	
1	3,994.39	1	4,388.85	1	4,783.30	1	5,176.78	1	5,562.72	1		1		1		1		1	
1/4	4,002.61	1/4	4,397.06	1/4	4,791.52	1/4	5,184.97	1/4	5,568.52	1/4		1/4		1/4		1/4		1/4	
1/2	4,010.83	1/2	4,405.28	1/2	4,799.74	1/2	5,193.17	1/2	5,574.31	1/2		1/2		1/2		1/2		1/2	
3/4	4,019.05	3/4	4,413.50	3/4	4,807.95	3/4	5,201.36	3/4	5,580.11	3/4		3/4		3/4		3/4		3/4	
2	4,027.26	2	4,421.72	2	4,816.17	2	5,209.56	2	5,585.90	2		2		2		2		2	
1/4	4,035.48	1/4	4,429.94	1/4	4,824.38	1/4	5,217.75	1/4	5,590.53	1/4		1/4		1/4		1/4		1/4	
1/2	4,043.70	1/2	4,438.15	1/2	4,832.59	1/2	5,225.95	1/2	5,595.15	1/2		1/2		1/2		1/2		1/2	
3/4	4,051.92	3/4	4,446.37	3/4	4,840.80	3/4	5,234.14	3/4	5,599.77	3/4		3/4		3/4		3/4		3/4	
3	4,060.13	3	4,454.59	3	4,849.01	3	5,242.33	3		3		3		3		3		3	
1/4	4,068.35	1/4	4,462.81	1/4	4,857.20	1/4	5,250.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,076.57	1/2	4,471.02	1/2	4,865.40	1/2	5,258.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,084.79	3/4	4,479.24	3/4	4,873.59	3/4	5,266.92	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,093.01	4	4,487.46	4	4,881.78	4	5,275.11	4		4		4		4		4		4	
1/4	4,101.22	1/4	4,495.68	1/4	4,889.98	1/4	5,283.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,109.44	1/2	4,503.90	1/2	4,898.17	1/2	5,291.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,117.66	3/4	4,512.11	3/4	4,906.37	3/4	5,299.69	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,125.88	5	4,520.33	5	4,914.56	5	5,307.89	5		5		5		5		5		5	
1/4	4,134.09	1/4	4,528.55	1/4	4,922.76	1/4	5,316.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,142.31	1/2	4,536.77	1/2	4,930.95	1/2	5,324.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,150.53	3/4	4,544.98	3/4	4,939.14	3/4	5,332.47	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,158.75	6	4,553.20	6	4,947.34	6	5,340.67	6		6		6		6		6		6	
1/4	4,166.97	1/4	4,561.42	1/4	4,955.53	1/4	5,348.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,175.18	1/2	4,569.64	1/2	4,963.73	1/2	5,357.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,183.40	3/4	4,577.86	3/4	4,971.92	3/4	5,365.17	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,191.62	7	4,586.07	7	4,980.12	7	5,373.34	7		7		7		7		7		7	
1/4	4,199.84	1/4	4,594.29	1/4	4,988.31	1/4	5,381.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,208.05	1/2	4,602.51	1/2	4,996.50	1/2	5,389.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,216.27	3/4	4,610.73	3/4	5,004.70	3/4	5,397.77	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,224.49	8	4,618.94	8	5,012.89	8	5,405.91	8		8		8		8		8		8	
1/4	4,232.71	1/4	4,627.16	1/4	5,021.09	1/4	5,414.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,240.93	1/2	4,635.38	1/2	5,029.28	1/2	5,422.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,249.14	3/4	4,643.60	3/4	5,037.48	3/4	5,430.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,257.36	9	4,651.82	9	5,045.67	9	5,438.48	9		9		9		9		9		9	
1/4	4,265.58	1/4	4,660.03	1/4	5,053.86	1/4	5,446.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,273.80	1/2	4,668.25	1/2	5,062.06	1/2	5,454.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,282.01	3/4	4,676.47	3/4	5,070.25	3/4	5,462.90	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,290.23	10	4,684.69	10	5,078.45	10	5,471.04	10		10		10		10		10		10	
1/4	4,298.45	1/4	4,692.90	1/4	5,086.64	1/4	5,479.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,306.67	1/2	4,701.12	1/2	5,094.84	1/2	5,487.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,314.89	3/4	4,709.34	3/4	5,103.03	3/4	5,495.40	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,323.10	11	4,717.56	11	5,111.22	11	5,503.52	11		11		11		11		11		11	
1/4	4,331.32	1/4	4,725.78	1/4	5,119.42	1/4	5,511.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,339.54	1/2	4,733.99	1/2	5,127.61	1/2	5,519.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,347.76	3/4	4,742.21	3/4	5,135.81	3/4	5,527.01	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 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 974"

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	27.12	0	411.09	0	805.56	0	1,187.11	0	1,578.17	0	1,972.64	0	2,367.11	0	2,761.59	0	3,156.03	0	3,550.45
1/4	33.28	1/4	419.31	1/4	813.78	1/4	1,194.99	1/4	1,586.39	1/4	1,980.86	1/4	2,375.33	1/4	2,769.81	1/4	3,164.25	1/4	3,558.67
1/2	39.45	1/2	427.53	1/2	821.99	1/2	1,202.86	1/2	1,594.60	1/2	1,989.08	1/2	2,383.55	1/2	2,778.02	1/2	3,172.47	1/2	3,566.88
3/4	45.61	3/4	435.75	3/4	830.21	3/4	1,210.74	3/4	1,602.82	3/4	1,997.30	3/4	2,391.77	3/4	2,786.24	3/4	3,180.69	3/4	3,575.10
1	51.77	1	443.97	1	838.43	1	1,218.61	1	1,611.04	1	2,005.51	1	2,399.99	1	2,794.46	1	3,188.90	1	3,583.32
1/4	59.46	1/4	452.18	1/4	846.65	1/4	1,226.49	1/4	1,619.26	1/4	2,013.73	1/4	2,408.21	1/4	2,802.68	1/4	3,197.12	1/4	3,591.53
1/2	67.14	1/2	460.40	1/2	854.87	1/2	1,234.37	1/2	1,627.48	1/2	2,021.95	1/2	2,416.42	1/2	2,810.90	1/2	3,205.34	1/2	3,599.75
3/4	74.82	3/4	468.62	3/4	863.08	3/4	1,242.24	3/4	1,635.70	3/4	2,030.17	3/4	2,424.64	3/4	2,819.12	3/4	3,213.55	3/4	3,607.96
2	82.51	2	476.84	2	871.30	2	1,250.12	2	1,643.91	2	2,038.39	2	2,432.86	2	2,827.33	2	3,221.77	2	3,616.18
1/4	90.70	1/4	485.06	1/4	879.37	1/4	1,258.17	1/4	1,652.13	1/4	2,046.61	1/4	2,441.08	1/4	2,835.55	1/4	3,229.99	1/4	3,624.40
1/2	98.89	1/2	493.27	1/2	887.43	1/2	1,266.22	1/2	1,660.35	1/2	2,054.82	1/2	2,449.30	1/2	2,843.77	1/2	3,238.21	1/2	3,632.61
3/4	107.08	3/4	501.49	3/4	895.49	3/4	1,274.26	3/4	1,668.57	3/4	2,063.04	3/4	2,457.52	3/4	2,851.99	3/4	3,246.42	3/4	3,640.83
3	115.28	3	509.71	3	903.55	3	1,282.31	3	1,676.79	3	2,071.26	3	2,465.73	3	2,860.21	3	3,254.64	3	3,649.04
1/4	123.49	1/4	517.93	1/4	911.46	1/4	1,290.53	1/4	1,685.00	1/4	2,079.48	1/4	2,473.95	1/4	2,868.43	1/4	3,262.86	1/4	3,657.26
1/2	131.70	1/2	526.15	1/2	919.37	1/2	1,298.75	1/2	1,693.22	1/2	2,087.70	1/2	2,482.17	1/2	2,876.65	1/2	3,271.07	1/2	3,665.48
3/4	139.91	3/4	534.36	3/4	927.28	3/4	1,306.97	3/4	1,701.44	3/4	2,095.91	3/4	2,490.39	3/4	2,884.87	3/4	3,279.29	3/4	3,673.69
4	148.12	4	542.58	4	935.18	4	1,315.19	4	1,709.66	4	2,104.13	4	2,498.61	4	2,893.09	4	3,287.51	4	3,681.91
1/4	156.34	1/4	550.80	1/4	943.07	1/4	1,323.40	1/4	1,717.88	1/4	2,112.35	1/4	2,506.82	1/4	2,901.30	1/4	3,295.72	1/4	3,690.12
1/2	164.56	1/2	559.02	1/2	950.96	1/2	1,331.62	1/2	1,726.10	1/2	2,120.57	1/2	2,515.04	1/2	2,909.52	1/2	3,303.94	1/2	3,698.34
3/4	172.77	3/4	567.24	3/4	958.85	3/4	1,339.84	3/4	1,734.31	3/4	2,128.79	3/4	2,523.26	3/4	2,917.74	3/4	3,312.16	3/4	3,706.56
5	180.99	5	575.45	5	966.74	5	1,348.06	5	1,742.53	5	2,137.01	5	2,531.48	5	2,925.96	5	3,320.38	5	3,714.77
1/4	189.21	1/4	583.67	1/4	974.61	1/4	1,356.28	1/4	1,750.75	1/4	2,145.22	1/4	2,539.70	1/4	2,934.17	1/4	3,328.59	1/4	3,722.99
1/2	197.43	1/2	591.89	1/2	982.48	1/2	1,364.49	1/2	1,758.97	1/2	2,153.44	1/2	2,547.92	1/2	2,942.39	1/2	3,336.81	1/2	3,731.20
3/4	205.64	3/4	600.11	3/4	990.35	3/4	1,372.71	3/4	1,767.19	3/4	2,161.66	3/4	2,556.13	3/4	2,950.61	3/4	3,345.03	3/4	3,739.42
6	213.86	6	608.33	6	998.22	6	1,380.93	6	1,775.40	6	2,169.88	6	2,564.35	6	2,958.82	6	3,353.24	6	3,747.64
1/4	222.08	1/4	616.54	1/4	1,006.09	1/4	1,389.15	1/4	1,783.62	1/4	2,178.10	1/4	2,572.57	1/4	2,967.04	1/4	3,361.46	1/4	3,755.85
1/2	230.30	1/2	624.76	1/2	1,013.96	1/2	1,397.37	1/2	1,791.84	1/2	2,186.31	1/2	2,580.79	1/2	2,975.26	1/2	3,369.68	1/2	3,764.07
3/4	238.52	3/4	632.98	3/4	1,021.83	3/4	1,405.59	3/4	1,800.06	3/4	2,194.53	3/4	2,589.01	3/4	2,983.48	3/4	3,377.90	3/4	3,772.28
7	246.73	7	641.20	7	1,029.70	7	1,413.80	7	1,808.28	7	2,202.75	7	2,597.22	7	2,991.69	7	3,386.11	7	3,780.50
1/4	254.95	1/4	649.42	1/4	1,037.57	1/4	1,422.02	1/4	1,816.50	1/4	2,210.97	1/4	2,605.44	1/4	2,999.91	1/4	3,394.33	1/4	3,788.72
1/2	263.17	1/2	657.63	1/2	1,045.44	1/2	1,430.24	1/2	1,824.71	1/2	2,219.19	1/2	2,613.66	1/2	3,008.13	1/2	3,402.55	1/2	3,796.93
3/4	271.39	3/4	665.85	3/4	1,053.31	3/4	1,438.46	3/4	1,832.93	3/4	2,227.41	3/4	2,621.88	3/4	3,016.34	3/4	3,410.76	3/4	3,805.15
8	279.61	8	674.07	8	1,061.19	8	1,446.68	8	1,841.15	8	2,235.62	8	2,630.10	8	3,024.56	8	3,418.98	8	3,813.36
1/4	287.82	1/4	682.29	1/4	1,069.06	1/4	1,454.89	1/4	1,849.37	1/4	2,243.84	1/4	2,638.32	1/4	3,032.78	1/4	3,427.20	1/4	3,821.58
1/2	296.04	1/2	690.51	1/2	1,076.93	1/2	1,463.11	1/2	1,857.59	1/2	2,252.06	1/2	2,646.53	1/2	3,040.99	1/2	3,435.42	1/2	3,829.80
3/4	304.26	3/4	698.72	3/4	1,084.80	3/4	1,471.33	3/4	1,865.80	3/4	2,260.28	3/4	2,654.75	3/4	3,049.21	3/4	3,443.63	3/4	3,838.01
9	312.48	9	706.94	9	1,092.67	9	1,479.55	9	1,874.02	9	2,268.50	9	2,662.97	9	3,057.43	9	3,451.85	9	3,846.23
1/4	320.70	1/4	715.16	1/4	1,100.54	1/4	1,487.77	1/4	1,882.24	1/4	2,276.71	1/4	2,671.19	1/4	3,065.65	1/4	3,460.07	1/4	3,854.44
1/2	328.91	1/2	723.38	1/2	1,108.41	1/2	1,495.99	1/2	1,890.46	1/2	2,284.93	1/2	2,679.41	1/2	3,073.86	1/2	3,468.28	1/2	3,862.66
3/4	337.13	3/4	731.60	3/4	1,116.28	3/4	1,504.20	3/4	1,898.68	3/4	2,293.15	3/4	2,687.62	3/4	3,082.08	3/4	3,476.50	3/4	3,870.88
10	345.35	10	739.81	10	1,124.15	10	1,512.42	10	1,906.90	10	2,301.37	10	2,695.84	10	3,090.30	10	3,484.72	10	3,879.09
1/4	353.57	1/4	748.03	1/4	1,132.02	1/4	1,520.64	1/4	1,915.11	1/4	2,309.59	1/4	2,704.06	1/4	3,098.51	1/4	3,492.94	1/4	3,887.31
1/2	361.79	1/2	756.25	1/2	1,139.89	1/2	1,528.86	1/2	1,923.33	1/2	2,317.81	1/2	2,712.28	1/2	3,106.73	1/2	3,501.15	1/2	3,895.52
3/4	370.00	3/4	764.47	3/4	1,147.76	3/4	1,537.08	3/4	1,931.55	3/4	2,326.02	3/4	2,720.50	3/4	3,114.95	3/4	3,509.37	3/4	3,903.74
11	378.22	11	772.69	11	1,155.63	11	1,545.30	11	1,939.77	11	2,334.24	11	2,728.72	11	3,123.17	11	3,517.59	11	3,911.96
1/4	386.44	1/4	780.90	1/4	1,163.50	1/4	1,553.51	1/4	1,947.99	1/4	2,342.46	1/4	2,736.93	1/4	3,131.38	1/4	3,525.80	1/4	3,920.17
1/2	394.66	1/2	789.12	1/2	1,171.37	1/2	1,561.73	1/2	1,956.21	1/2	2,350.68	1/2	2,745.15	1/2	3,139.60	1/2	3,534.02	1/2	3,928.39
3/4	402.88	3/4	797.34	3/4	1,179.24	3/4	1,569.95	3/4	1,964.42	3/4	2,358.90	3/4	2,753.37	3/4	3,147.82	3/4	3,542.24	3/4	3,936.60

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 974"

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	3,944.82	0	4,339.19	0	4,733.56	0	5,127.04	0	5,517.80	0		0		0		0		0	
1/4	3,953.04	1/4	4,347.40	1/4	4,741.77	1/4	5,135.24	1/4	5,524.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,961.25	1/2	4,355.62	1/2	4,749.99	1/2	5,143.43	1/2	5,531.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,969.47	3/4	4,363.84	3/4	4,758.20	3/4	5,151.62	3/4	5,538.70	3/4		3/4		3/4		3/4		3/4	
1	3,977.68	1	4,372.05	1	4,766.42	1	5,159.81	1	5,545.67	1		1		1		1		1	
1/4	3,985.90	1/4	4,380.27	1/4	4,774.64	1/4	5,168.01	1/4	5,551.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,994.12	1/2	4,388.48	1/2	4,782.85	1/2	5,176.20	1/2	5,557.26	1/2		1/2		1/2		1/2		1/2	
3/4	4,002.33	3/4	4,396.70	3/4	4,791.07	3/4	5,184.39	3/4	5,563.05	3/4		3/4		3/4		3/4		3/4	
2	4,010.55	2	4,404.92	2	4,799.28	2	5,192.58	2	5,568.85	2		2		2		2		2	
1/4	4,018.76	1/4	4,413.13	1/4	4,807.49	1/4	5,200.78	1/4	5,573.47	1/4		1/4		1/4		1/4		1/4	
1/2	4,026.98	1/2	4,421.35	1/2	4,815.70	1/2	5,208.97	1/2	5,578.09	1/2		1/2		1/2		1/2		1/2	
3/4	4,035.20	3/4	4,429.56	3/4	4,823.91	3/4	5,217.16	3/4	5,582.71	3/4		3/4		3/4		3/4		3/4	
3	4,043.41	3	4,437.78	3	4,832.11	3	5,225.35	3		3		3		3		3		3	
1/4	4,051.63	1/4	4,446.00	1/4	4,840.31	1/4	5,233.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,059.84	1/2	4,454.21	1/2	4,848.50	1/2	5,241.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,068.06	3/4	4,462.43	3/4	4,856.69	3/4	5,249.93	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,076.28	4	4,470.64	4	4,864.88	4	5,258.12	4		4		4		4		4		4	
1/4	4,084.49	1/4	4,478.86	1/4	4,873.08	1/4	5,266.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,092.71	1/2	4,487.08	1/2	4,881.27	1/2	5,274.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,100.92	3/4	4,495.29	3/4	4,889.46	3/4	5,282.70	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,109.14	5	4,503.51	5	4,897.65	5	5,290.89	5		5		5		5		5		5	
1/4	4,117.36	1/4	4,511.72	1/4	4,905.85	1/4	5,299.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,125.57	1/2	4,519.94	1/2	4,914.04	1/2	5,307.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,133.79	3/4	4,528.16	3/4	4,922.23	3/4	5,315.47	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,142.00	6	4,536.37	6	4,930.42	6	5,323.66	6		6		6		6		6		6	
1/4	4,150.22	1/4	4,544.59	1/4	4,938.62	1/4	5,331.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,158.44	1/2	4,552.80	1/2	4,946.81	1/2	5,340.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,166.65	3/4	4,561.02	3/4	4,955.00	3/4	5,348.16	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,174.87	7	4,569.24	7	4,963.19	7	5,356.33	7		7		7		7		7		7	
1/4	4,183.08	1/4	4,577.45	1/4	4,971.39	1/4	5,364.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,191.30	1/2	4,585.67	1/2	4,979.58	1/2	5,372.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,199.52	3/4	4,593.88	3/4	4,987.77	3/4	5,380.75	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,207.73	8	4,602.10	8	4,995.96	8	5,388.89	8		8		8		8		8		8	
1/4	4,215.95	1/4	4,610.32	1/4	5,004.16	1/4	5,397.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,224.16	1/2	4,618.53	1/2	5,012.35	1/2	5,405.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,232.38	3/4	4,626.75	3/4	5,020.54	3/4	5,413.32	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,240.60	9	4,634.96	9	5,028.73	9	5,421.46	9		9		9		9		9		9	
1/4	4,248.81	1/4	4,643.18	1/4	5,036.93	1/4	5,429.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,257.03	1/2	4,651.40	1/2	5,045.12	1/2	5,437.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,265.24	3/4	4,659.61	3/4	5,053.31	3/4	5,445.87	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,273.46	10	4,667.83	10	5,061.50	10	5,454.01	10		10		10		10		10		10	
1/4	4,281.68	1/4	4,676.04	1/4	5,069.70	1/4	5,462.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,289.89	1/2	4,684.26	1/2	5,077.89	1/2	5,470.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,298.11	3/4	4,692.48	3/4	5,086.08	3/4	5,478.36	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,306.32	11	4,700.69	11	5,094.27	11	5,486.48	11		11		11		11		11		11	
1/4	4,314.54	1/4	4,708.91	1/4	5,102.47	1/4	5,494.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,322.76	1/2	4,717.12	1/2	5,110.66	1/2	5,502.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,330.97	3/4	4,725.34	3/4	5,118.85	3/4	5,509.97	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 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 974"

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	27.00	0	409.19	0	801.83	0	1,194.05	0	1,586.62	0	1,979.27	0	2,371.92	0	2,764.54	0	3,156.95	0	3,549.25
1/4	33.13	1/4	417.37	1/4	810.01	1/4	1,202.22	1/4	1,594.80	1/4	1,987.45	1/4	2,380.10	1/4	2,772.72	1/4	3,165.13	1/4	3,557.41
1/2	39.27	1/2	425.55	1/2	818.19	1/2	1,210.39	1/2	1,602.98	1/2	1,995.63	1/2	2,388.28	1/2	2,780.90	1/2	3,173.30	1/2	3,565.58
3/4	45.40	3/4	433.73	3/4	826.37	3/4	1,218.56	3/4	1,611.16	3/4	2,003.81	3/4	2,396.46	3/4	2,789.08	3/4	3,181.47	3/4	3,573.74
1	51.53	1	441.91	1	834.55	1	1,226.73	1	1,619.34	1	2,011.99	1	2,404.64	1	2,797.26	1	3,189.65	1	3,581.90
1/4	59.18	1/4	450.09	1/4	842.73	1/4	1,234.91	1/4	1,627.52	1/4	2,020.17	1/4	2,412.82	1/4	2,805.44	1/4	3,197.82	1/4	3,590.06
1/2	66.83	1/2	458.27	1/2	850.91	1/2	1,243.08	1/2	1,635.70	1/2	2,028.35	1/2	2,421.00	1/2	2,813.62	1/2	3,206.00	1/2	3,598.22
3/4	74.48	3/4	466.45	3/4	859.09	3/4	1,251.25	3/4	1,643.88	3/4	2,036.53	3/4	2,429.18	3/4	2,821.80	3/4	3,214.17	3/4	3,606.38
2	82.13	2	474.63	2	867.27	2	1,259.43	2	1,652.06	2	2,044.71	2	2,437.35	2	2,829.98	2	3,222.34	2	3,614.54
1/4	90.28	1/4	482.81	1/4	875.45	1/4	1,267.60	1/4	1,660.24	1/4	2,052.89	1/4	2,445.53	1/4	2,838.16	1/4	3,230.52	1/4	3,622.71
1/2	98.43	1/2	490.99	1/2	883.63	1/2	1,275.78	1/2	1,668.42	1/2	2,061.07	1/2	2,453.71	1/2	2,846.34	1/2	3,238.69	1/2	3,630.87
3/4	106.59	3/4	499.17	3/4	891.81	3/4	1,283.96	3/4	1,676.60	3/4	2,069.25	3/4	2,461.89	3/4	2,854.52	3/4	3,246.86	3/4	3,639.03
3	114.74	3	507.35	3	899.99	3	1,292.13	3	1,684.78	3	2,077.43	3	2,470.07	3	2,862.70	3	3,255.04	3	3,647.19
1/4	122.92	1/4	515.53	1/4	908.17	1/4	1,300.31	1/4	1,692.96	1/4	2,085.61	1/4	2,478.25	1/4	2,870.88	1/4	3,263.21	1/4	3,655.35
1/2	131.09	1/2	523.71	1/2	916.35	1/2	1,308.49	1/2	1,701.14	1/2	2,093.79	1/2	2,486.43	1/2	2,879.05	1/2	3,271.38	1/2	3,663.51
3/4	139.26	3/4	531.89	3/4	924.53	3/4	1,316.67	3/4	1,709.32	3/4	2,101.97	3/4	2,494.61	3/4	2,887.23	3/4	3,279.56	3/4	3,671.68
4	147.44	4	540.07	4	932.71	4	1,324.86	4	1,717.50	4	2,110.15	4	2,502.79	4	2,895.41	4	3,287.73	4	3,679.84
1/4	155.62	1/4	548.25	1/4	940.89	1/4	1,333.04	1/4	1,725.68	1/4	2,118.33	1/4	2,510.97	1/4	2,903.58	1/4	3,295.90	1/4	3,688.00
1/2	163.80	1/2	556.43	1/2	949.06	1/2	1,341.22	1/2	1,733.87	1/2	2,126.51	1/2	2,519.15	1/2	2,911.75	1/2	3,304.08	1/2	3,696.16
3/4	171.97	3/4	564.61	3/4	957.23	3/4	1,349.40	3/4	1,742.05	3/4	2,134.69	3/4	2,527.33	3/4	2,919.93	3/4	3,312.25	3/4	3,704.32
5	180.15	5	572.79	5	965.40	5	1,357.58	5	1,750.23	5	2,142.88	5	2,535.51	5	2,928.10	5	3,320.42	5	3,712.49
1/4	188.33	1/4	580.97	1/4	973.57	1/4	1,365.76	1/4	1,758.41	1/4	2,151.06	1/4	2,543.69	1/4	2,936.27	1/4	3,328.60	1/4	3,720.65
1/2	196.51	1/2	589.15	1/2	981.74	1/2	1,373.94	1/2	1,766.59	1/2	2,159.24	1/2	2,551.87	1/2	2,944.45	1/2	3,336.77	1/2	3,728.81
3/4	204.69	3/4	597.33	3/4	989.90	3/4	1,382.12	3/4	1,774.77	3/4	2,167.42	3/4	2,560.05	3/4	2,952.62	3/4	3,344.94	3/4	3,736.97
6	212.87	6	605.51	6	998.07	6	1,390.30	6	1,782.95	6	2,175.60	6	2,568.23	6	2,960.79	6	3,353.12	6	3,745.13
1/4	221.05	1/4	613.69	1/4	1,006.23	1/4	1,398.48	1/4	1,791.13	1/4	2,183.78	1/4	2,576.41	1/4	2,968.97	1/4	3,361.29	1/4	3,752.42
1/2	229.23	1/2	621.87	1/2	1,014.40	1/2	1,406.66	1/2	1,799.31	1/2	2,191.96	1/2	2,584.59	1/2	2,977.14	1/2	3,369.46	1/2	3,759.70
3/4	237.41	3/4	630.05	3/4	1,022.57	3/4	1,414.84	3/4	1,807.49	3/4	2,200.14	3/4	2,592.77	3/4	2,985.31	3/4	3,377.64	3/4	3,766.98
7	245.59	7	638.23	7	1,030.73	7	1,423.02	7	1,815.67	7	2,208.32	7	2,600.95	7	2,993.49	7	3,385.81	7	3,774.26
1/4	253.77	1/4	646.41	1/4	1,038.90	1/4	1,431.20	1/4	1,823.85	1/4	2,216.50	1/4	2,609.13	1/4	3,001.66	1/4	3,393.98	1/4	3,780.66
1/2	261.95	1/2	654.59	1/2	1,047.06	1/2	1,439.38	1/2	1,832.03	1/2	2,224.68	1/2	2,617.31	1/2	3,009.83	1/2	3,402.16	1/2	3,787.06
3/4	270.13	3/4	662.77	3/4	1,055.23	3/4	1,447.56	3/4	1,840.21	3/4	2,232.86	3/4	2,625.49	3/4	3,018.01	3/4	3,410.33	3/4	3,793.46
8	278.31	8	670.95	8	1,063.40	8	1,455.74	8	1,848.39	8	2,241.04	8	2,633.67	8	3,026.18	8	3,418.50	8	3,799.86
1/4	286.49	1/4	679.13	1/4	1,071.56	1/4	1,463.92	1/4	1,856.57	1/4	2,249.22	1/4	2,641.85	1/4	3,034.35	1/4	3,426.68	1/4	3,806.26
1/2	294.67	1/2	687.31	1/2	1,079.73	1/2	1,472.10	1/2	1,864.75	1/2	2,257.40	1/2	2,650.03	1/2	3,042.53	1/2	3,434.85	1/2	3,812.67
3/4	302.85	3/4	695.49	3/4	1,087.90	3/4	1,480.28	3/4	1,872.93	3/4	2,265.58	3/4	2,658.21	3/4	3,050.70	3/4	3,443.02	3/4	3,819.07
9	311.03	9	703.67	9	1,096.06	9	1,488.46	9	1,881.11	9	2,273.76	9	2,666.39	9	3,058.87	9	3,451.20	9	3,825.47
1/4	319.21	1/4	711.85	1/4	1,104.23	1/4	1,496.64	1/4	1,889.29	1/4	2,281.94	1/4	2,674.57	1/4	3,067.05	1/4	3,459.37	1/4	3,831.87
1/2	327.39	1/2	720.03	1/2	1,112.39	1/2	1,504.82	1/2	1,897.47	1/2	2,290.12	1/2	2,682.75	1/2	3,075.22	1/2	3,467.54	1/2	3,838.27
3/4	335.57	3/4	728.21	3/4	1,120.56	3/4	1,513.00	3/4	1,905.65	3/4	2,298.30	3/4	2,690.93	3/4	3,083.39	3/4	3,475.72	3/4	3,844.67
10	343.75	10	736.39	10	1,128.73	10	1,521.18	10	1,913.83	10	2,306.48	10	2,699.11	10	3,091.57	10	3,483.89	10	3,851.07
1/4	351.93	1/4	744.57	1/4	1,136.89	1/4	1,529.36	1/4	1,922.01	1/4	2,314.66	1/4	2,707.29	1/4	3,099.74	1/4	3,492.06	1/4	3,857.47
1/2	360.11	1/2	752.75	1/2	1,145.06	1/2	1,537.54	1/2	1,930.19	1/2	2,322.84	1/2	2,715.46	1/2	3,107.91	1/2	3,500.24	1/2	3,863.87
3/4	368.29	3/4	760.93	3/4	1,153.22	3/4	1,545.72	3/4	1,938.37	3/4	2,331.02	3/4	2,723.64	3/4	3,116.09	3/4	3,508.41	3/4	3,870.27
11	376.47	11	769.11	11	1,161.39	11	1,553.90	11	1,946.55	11	2,339.20	11	2,731.82	11	3,124.26	11	3,516.58	11	3,876.67
1/4	384.65	1/4	777.29	1/4	1,169.56	1/4	1,562.08	1/4	1,954.73	1/4	2,347.38	1/4	2,740.00	1/4	3,132.43	1/4	3,524.75	1/4	3,883.08
1/2	392.83	1/2	785.47	1/2	1,177.72	1/2	1,570.26	1/2	1,962.91	1/2	2,355.56	1/2	2,748.18	1/2	3,140.61	1/2	3,532.92	1/2	3,889.49
3/4	401.01	3/4	793.65	3/4	1,185.89	3/4	1,578.44	3/4	1,971.09	3/4	2,363.74	3/4	2,756.36	3/4	3,148.78	3/4	3,541.09	3/4	3,895.90

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 974"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	3,902.31	0	4,210.35	0	4,513.81	0	4,816.38	0	5,116.54	0		0		0		0		0	
1/4	3,908.73	1/4	4,216.71	1/4	4,520.12	1/4	4,822.68	1/4	5,121.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,915.15	1/2	4,223.08	1/2	4,526.44	1/2	4,828.98	1/2	5,126.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,921.56	3/4	4,229.45	3/4	4,532.76	3/4	4,835.28	3/4	5,131.81	3/4		3/4		3/4		3/4		3/4	
1	3,927.98	1	4,235.82	1	4,539.08	1	4,841.58	1	5,136.90	1		1		1		1		1	
1/4	3,934.40	1/4	4,242.14	1/4	4,545.40	1/4	4,847.88	1/4	5,141.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,940.82	1/2	4,248.45	1/2	4,551.71	1/2	4,854.18	1/2	5,146.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,947.23	3/4	4,254.77	3/4	4,558.03	3/4	4,860.47	3/4	5,151.32	3/4		3/4		3/4		3/4		3/4	
2	3,953.65	2	4,261.09	2	4,564.35	2	4,866.77	2	5,156.12	2		2		2		2		2	
1/4	3,960.07	1/4	4,267.41	1/4	4,570.66	1/4	4,873.07	1/4	5,160.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,966.48	1/2	4,273.73	1/2	4,576.97	1/2	4,879.37	1/2	5,165.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,972.90	3/4	4,280.04	3/4	4,583.28	3/4	4,885.67	3/4	5,169.68	3/4		3/4		3/4		3/4		3/4	
3	3,979.32	3	4,286.36	3	4,589.58	3	4,891.97	3		3		3		3		3		3	
1/4	3,985.74	1/4	4,292.68	1/4	4,595.88	1/4	4,898.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,992.15	1/2	4,299.00	1/2	4,602.18	1/2	4,904.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,998.57	3/4	4,305.32	3/4	4,608.48	3/4	4,910.87	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,004.99	4	4,311.63	4	4,614.78	4	4,917.17	4		4		4		4		4		4	
1/4	4,011.41	1/4	4,317.95	1/4	4,621.08	1/4	4,923.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,017.82	1/2	4,324.27	1/2	4,627.38	1/2	4,929.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,024.24	3/4	4,330.59	3/4	4,633.68	3/4	4,936.07	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,030.66	5	4,336.91	5	4,639.98	5	4,942.37	5		5		5		5		5		5	
1/4	4,037.08	1/4	4,343.22	1/4	4,646.28	1/4	4,948.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,043.49	1/2	4,349.54	1/2	4,652.58	1/2	4,954.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,049.91	3/4	4,355.86	3/4	4,658.88	3/4	4,961.27	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,056.33	6	4,362.18	6	4,665.18	6	4,967.57	6		6		6		6		6		6	
1/4	4,062.75	1/4	4,368.49	1/4	4,671.48	1/4	4,973.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,069.16	1/2	4,374.81	1/2	4,677.78	1/2	4,980.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,075.58	3/4	4,381.13	3/4	4,684.08	3/4	4,986.41	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,082.00	7	4,387.45	7	4,690.38	7	4,992.69	7		7		7		7		7		7	
1/4	4,088.42	1/4	4,393.77	1/4	4,696.68	1/4	4,998.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,094.83	1/2	4,400.08	1/2	4,702.98	1/2	5,005.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,101.25	3/4	4,406.40	3/4	4,709.28	3/4	5,011.47	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,107.67	8	4,412.72	8	4,715.58	8	5,017.73	8		8		8		8		8		8	
1/4	4,114.08	1/4	4,419.04	1/4	4,721.88	1/4	5,023.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,120.50	1/2	4,425.36	1/2	4,728.18	1/2	5,030.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,126.92	3/4	4,431.67	3/4	4,734.48	3/4	5,036.51	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,133.34	9	4,437.99	9	4,740.78	9	5,042.77	9		9		9		9		9		9	
1/4	4,139.75	1/4	4,444.31	1/4	4,747.08	1/4	5,049.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,146.17	1/2	4,450.63	1/2	4,753.38	1/2	5,055.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,152.59	3/4	4,456.95	3/4	4,759.68	3/4	5,061.53	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,159.01	10	4,463.26	10	4,765.98	10	5,067.79	10		10		10		10		10		10	
1/4	4,165.42	1/4	4,469.58	1/4	4,772.28	1/4	5,074.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,171.84	1/2	4,475.90	1/2	4,778.58	1/2	5,080.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,178.26	3/4	4,482.22	3/4	4,784.88	3/4	5,086.50	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,184.68	11	4,488.54	11	4,791.18	11	5,092.74	11		11		11		11		11		11	
1/4	4,191.09	1/4	4,494.85	1/4	4,797.48	1/4	5,098.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,197.51	1/2	4,501.17	1/2	4,803.78	1/2	5,104.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,203.93	3/4	4,507.49	3/4	4,810.08	3/4	5,110.59	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 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 974"

3 STBD 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	408.56	0	800.46	0	1,179.84	0	1,568.12	0	1,959.37	0	2,350.97	0	2,742.68	0	3,134.16	0	3,525.54
1/4	33.12	1/4	416.73	1/4	808.63	1/4	1,187.67	1/4	1,576.28	1/4	1,967.52	1/4	2,359.13	1/4	2,750.84	1/4	3,142.32	1/4	3,533.68
1/2	39.25	1/2	424.89	1/2	816.79	1/2	1,195.50	1/2	1,584.44	1/2	1,975.68	1/2	2,367.29	1/2	2,759.00	1/2	3,150.47	1/2	3,541.82
3/4	45.38	3/4	433.06	3/4	824.96	3/4	1,203.34	3/4	1,592.59	3/4	1,983.83	3/4	2,375.45	3/4	2,767.16	3/4	3,158.63	3/4	3,549.96
1	51.51	1	441.22	1	833.12	1	1,211.17	1	1,600.75	1	1,991.99	1	2,383.61	1	2,775.32	1	3,166.78	1	3,558.10
1/4	59.15	1/4	449.39	1/4	841.29	1/4	1,219.00	1/4	1,608.91	1/4	2,000.14	1/4	2,391.77	1/4	2,783.48	1/4	3,174.93	1/4	3,566.25
1/2	66.80	1/2	457.55	1/2	849.45	1/2	1,226.84	1/2	1,617.06	1/2	2,008.30	1/2	2,399.93	1/2	2,791.64	1/2	3,183.09	1/2	3,574.39
3/4	74.44	3/4	465.72	3/4	857.62	3/4	1,234.67	3/4	1,625.22	3/4	2,016.45	3/4	2,408.09	3/4	2,799.80	3/4	3,191.24	3/4	3,582.53
2	82.09	2	473.88	2	865.78	2	1,242.51	2	1,633.38	2	2,024.61	2	2,416.26	2	2,807.96	2	3,199.40	2	3,590.67
1/4	90.23	1/4	482.05	1/4	873.79	1/4	1,250.50	1/4	1,641.53	1/4	2,032.76	1/4	2,424.42	1/4	2,816.12	1/4	3,207.55	1/4	3,598.82
1/2	98.38	1/2	490.21	1/2	881.81	1/2	1,258.50	1/2	1,649.69	1/2	2,040.92	1/2	2,432.58	1/2	2,824.28	1/2	3,215.70	1/2	3,606.96
3/4	106.52	3/4	498.37	3/4	889.82	3/4	1,266.49	3/4	1,657.85	3/4	2,049.07	3/4	2,440.74	3/4	2,832.44	3/4	3,223.86	3/4	3,615.10
3	114.67	3	506.54	3	897.83	3	1,274.49	3	1,666.00	3	2,057.23	3	2,448.90	3	2,840.60	3	3,232.01	3	3,623.24
1/4	122.83	1/4	514.70	1/4	905.69	1/4	1,282.65	1/4	1,674.15	1/4	2,065.38	1/4	2,457.06	1/4	2,848.76	1/4	3,240.17	1/4	3,631.39
1/2	130.98	1/2	522.87	1/2	913.55	1/2	1,290.80	1/2	1,682.31	1/2	2,073.54	1/2	2,465.22	1/2	2,856.91	1/2	3,248.32	1/2	3,639.53
3/4	139.14	3/4	531.03	3/4	921.41	3/4	1,298.96	3/4	1,690.46	3/4	2,081.69	3/4	2,473.38	3/4	2,865.07	3/4	3,256.48	3/4	3,647.67
4	147.30	4	539.20	4	929.28	4	1,307.12	4	1,698.61	4	2,089.85	4	2,481.54	4	2,873.23	4	3,264.63	4	3,655.81
1/4	155.46	1/4	547.36	1/4	937.12	1/4	1,315.27	1/4	1,706.76	1/4	2,098.00	1/4	2,489.70	1/4	2,881.38	1/4	3,272.78	1/4	3,663.96
1/2	163.63	1/2	555.53	1/2	944.96	1/2	1,323.43	1/2	1,714.91	1/2	2,106.16	1/2	2,497.86	1/2	2,889.54	1/2	3,280.94	1/2	3,672.10
3/4	171.79	3/4	563.69	3/4	952.81	3/4	1,331.59	3/4	1,723.06	3/4	2,114.32	3/4	2,506.02	3/4	2,897.69	3/4	3,289.09	3/4	3,680.24
5	179.96	5	571.86	5	960.65	5	1,339.74	5	1,731.20	5	2,122.47	5	2,514.18	5	2,905.84	5	3,297.25	5	3,688.39
1/4	188.12	1/4	580.02	1/4	968.48	1/4	1,347.90	1/4	1,739.35	1/4	2,130.63	1/4	2,522.34	1/4	2,914.00	1/4	3,305.40	1/4	3,696.53
1/2	196.28	1/2	588.19	1/2	976.31	1/2	1,356.06	1/2	1,747.50	1/2	2,138.79	1/2	2,530.50	1/2	2,922.15	1/2	3,313.55	1/2	3,704.67
3/4	204.45	3/4	596.35	3/4	984.14	3/4	1,364.21	3/4	1,755.65	3/4	2,146.95	3/4	2,538.66	3/4	2,930.31	3/4	3,321.71	3/4	3,712.81
6	212.61	6	604.51	6	991.97	6	1,372.37	6	1,763.80	6	2,155.11	6	2,546.82	6	2,938.46	6	3,329.86	6	3,720.96
1/4	220.78	1/4	612.68	1/4	999.79	1/4	1,380.53	1/4	1,771.94	1/4	2,163.27	1/4	2,554.98	1/4	2,946.62	1/4	3,338.02	1/4	3,728.22
1/2	228.94	1/2	620.84	1/2	1,007.62	1/2	1,388.68	1/2	1,780.09	1/2	2,171.43	1/2	2,563.14	1/2	2,954.77	1/2	3,346.17	1/2	3,735.48
3/4	237.11	3/4	629.01	3/4	1,015.45	3/4	1,396.84	3/4	1,788.24	3/4	2,179.59	3/4	2,571.30	3/4	2,962.92	3/4	3,354.33	3/4	3,742.74
7	245.27	7	637.17	7	1,023.28	7	1,404.99	7	1,796.39	7	2,187.76	7	2,579.47	7	2,971.08	7	3,362.48	7	3,750.01
1/4	253.44	1/4	645.34	1/4	1,031.11	1/4	1,413.15	1/4	1,804.54	1/4	2,195.92	1/4	2,587.63	1/4	2,979.23	1/4	3,370.63	1/4	3,756.40
1/2	261.60	1/2	653.50	1/2	1,038.94	1/2	1,421.31	1/2	1,812.69	1/2	2,204.08	1/2	2,595.79	1/2	2,987.39	1/2	3,378.79	1/2	3,762.79
3/4	269.77	3/4	661.67	3/4	1,046.76	3/4	1,429.46	3/4	1,820.83	3/4	2,212.24	3/4	2,603.95	3/4	2,995.54	3/4	3,386.94	3/4	3,769.18
8	277.93	8	669.83	8	1,054.59	8	1,437.62	8	1,828.98	8	2,220.40	8	2,612.11	8	3,003.70	8	3,395.10	8	3,775.57
1/4	286.10	1/4	678.00	1/4	1,062.42	1/4	1,445.78	1/4	1,837.13	1/4	2,228.56	1/4	2,620.27	1/4	3,011.85	1/4	3,403.25	1/4	3,781.96
1/2	294.26	1/2	686.16	1/2	1,070.25	1/2	1,453.93	1/2	1,845.28	1/2	2,236.72	1/2	2,628.43	1/2	3,020.00	1/2	3,411.41	1/2	3,788.36
3/4	302.42	3/4	694.33	3/4	1,078.08	3/4	1,462.09	3/4	1,853.43	3/4	2,244.88	3/4	2,636.59	3/4	3,028.16	3/4	3,419.56	3/4	3,794.75
9	310.59	9	702.49	9	1,085.90	9	1,470.25	9	1,861.57	9	2,253.04	9	2,644.75	9	3,036.31	9	3,427.71	9	3,801.15
1/4	318.75	1/4	710.65	1/4	1,093.73	1/4	1,478.40	1/4	1,869.72	1/4	2,261.20	1/4	2,652.91	1/4	3,044.47	1/4	3,435.87	1/4	3,807.55
1/2	326.92	1/2	718.82	1/2	1,101.56	1/2	1,486.56	1/2	1,877.87	1/2	2,269.37	1/2	2,661.07	1/2	3,052.62	1/2	3,444.02	1/2	3,813.94
3/4	335.08	3/4	726.98	3/4	1,109.39	3/4	1,494.72	3/4	1,886.02	3/4	2,277.53	3/4	2,669.23	3/4	3,060.77	3/4	3,452.18	3/4	3,820.34
10	343.25	10	735.15	10	1,117.22	10	1,502.87	10	1,894.17	10	2,285.69	10	2,677.39	10	3,068.93	10	3,460.33	10	3,826.73
1/4	351.41	1/4	743.31	1/4	1,125.04	1/4	1,511.03	1/4	1,902.32	1/4	2,293.85	1/4	2,685.55	1/4	3,077.08	1/4	3,468.48	1/4	3,833.13
1/2	359.58	1/2	751.48	1/2	1,132.87	1/2	1,519.19	1/2	1,910.46	1/2	2,302.01	1/2	2,693.71	1/2	3,085.24	1/2	3,476.64	1/2	3,839.53
3/4	367.74	3/4	759.64	3/4	1,140.70	3/4	1,527.34	3/4	1,918.61	3/4	2,310.17	3/4	2,701.87	3/4	3,093.39	3/4	3,484.79	3/4	3,845.92
11	375.91	11	767.81	11	1,148.53	11	1,535.50	11	1,926.76	11	2,318.33	11	2,710.03	11	3,101.55	11	3,492.94	11	3,852.32
1/4	384.07	1/4	775.97	1/4	1,156.36	1/4	1,543.66	1/4	1,934.91	1/4	2,326.49	1/4	2,718.19	1/4	3,109.70	1/4	3,501.09	1/4	3,858.72
1/2	392.23	1/2	784.14	1/2	1,164.18	1/2	1,551.81	1/2	1,943.06	1/2	2,334.65	1/2	2,726.35	1/2	3,117.85	1/2	3,509.24	1/2	3,865.13
3/4	400.40	3/4	792.30	3/4	1,172.01	3/4	1,559.97	3/4	1,951.22	3/4	2,342.81	3/4	2,734.51	3/4	3,126.01	3/4	3,517.39	3/4	3,871.54

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 974"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	3,877.94	0	4,185.86	0	4,489.20	0	4,791.66	0	5,091.71	0		0		0		0		0	
1/4	3,884.36	1/4	4,192.22	1/4	4,495.52	1/4	4,797.96	1/4	5,096.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,890.77	1/2	4,198.59	1/2	4,501.83	1/2	4,804.25	1/2	5,101.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,897.19	3/4	4,204.95	3/4	4,508.15	3/4	4,810.55	3/4	5,106.98	3/4		3/4		3/4		3/4		3/4	
1	3,903.60	1	4,211.32	1	4,514.46	1	4,816.85	1	5,112.07	1		1		1		1		1	
1/4	3,910.02	1/4	4,217.64	1/4	4,520.78	1/4	4,823.15	1/4	5,116.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,916.43	1/2	4,223.95	1/2	4,527.10	1/2	4,829.44	1/2	5,121.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,922.84	3/4	4,230.27	3/4	4,533.41	3/4	4,835.74	3/4	5,126.48	3/4		3/4		3/4		3/4		3/4	
2	3,929.26	2	4,236.58	2	4,539.73	2	4,842.04	2	5,131.29	2		2		2		2		2	
1/4	3,935.67	1/4	4,242.90	1/4	4,546.03	1/4	4,848.33	1/4	5,135.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,942.09	1/2	4,249.21	1/2	4,552.34	1/2	4,854.63	1/2	5,140.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,948.50	3/4	4,255.53	3/4	4,558.65	3/4	4,860.93	3/4	5,144.83	3/4		3/4		3/4		3/4		3/4	
3	3,954.92	3	4,261.84	3	4,564.95	3	4,867.23	3		3		3		3		3		3	
1/4	3,961.33	1/4	4,268.16	1/4	4,571.25	1/4	4,873.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,967.75	1/2	4,274.48	1/2	4,577.55	1/2	4,879.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,974.16	3/4	4,280.79	3/4	4,583.84	3/4	4,886.12	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,980.58	4	4,287.11	4	4,590.14	4	4,892.42	4		4		4		4		4		4	
1/4	3,986.99	1/4	4,293.42	1/4	4,596.44	1/4	4,898.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,993.41	1/2	4,299.74	1/2	4,602.74	1/2	4,905.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,999.82	3/4	4,306.05	3/4	4,609.03	3/4	4,911.31	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,006.24	5	4,312.37	5	4,615.33	5	4,917.61	5		5		5		5		5		5	
1/4	4,012.65	1/4	4,318.68	1/4	4,621.63	1/4	4,923.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,019.07	1/2	4,325.00	1/2	4,627.93	1/2	4,930.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,025.48	3/4	4,331.32	3/4	4,634.22	3/4	4,936.50	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,031.90	6	4,337.63	6	4,640.52	6	4,942.80	6		6		6		6		6		6	
1/4	4,038.31	1/4	4,343.95	1/4	4,646.82	1/4	4,949.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,044.73	1/2	4,350.26	1/2	4,653.12	1/2	4,955.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,051.14	3/4	4,356.58	3/4	4,659.41	3/4	4,961.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,057.56	7	4,362.89	7	4,665.71	7	4,967.90	7		7		7		7		7		7	
1/4	4,063.97	1/4	4,369.21	1/4	4,672.01	1/4	4,974.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,070.39	1/2	4,375.52	1/2	4,678.30	1/2	4,980.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,076.80	3/4	4,381.84	3/4	4,684.60	3/4	4,986.68	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,083.22	8	4,388.15	8	4,690.90	8	4,992.94	8		8		8		8		8		8	
1/4	4,089.63	1/4	4,394.47	1/4	4,697.20	1/4	4,999.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,096.05	1/2	4,400.79	1/2	4,703.49	1/2	5,005.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,102.46	3/4	4,407.10	3/4	4,709.79	3/4	5,011.71	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,108.88	9	4,413.42	9	4,716.09	9	5,017.97	9		9		9		9		9		9	
1/4	4,115.29	1/4	4,419.73	1/4	4,722.39	1/4	5,024.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,121.71	1/2	4,426.05	1/2	4,728.68	1/2	5,030.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,128.12	3/4	4,432.36	3/4	4,734.98	3/4	5,036.73	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,134.54	10	4,438.68	10	4,741.28	10	5,042.99	10		10		10		10		10		10	
1/4	4,140.95	1/4	4,444.99	1/4	4,747.58	1/4	5,049.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,147.37	1/2	4,451.31	1/2	4,753.87	1/2	5,055.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,153.78	3/4	4,457.63	3/4	4,760.17	3/4	5,061.69	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,160.20	11	4,463.94	11	4,766.47	11	5,067.92	11		11		11		11		11		11	
1/4	4,166.61	1/4	4,470.26	1/4	4,772.77	1/4	5,073.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,173.03	1/2	4,476.57	1/2	4,779.06	1/2	5,079.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,179.44	3/4	4,482.89	3/4	4,785.36	3/4	5,085.77	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/16/2013 CL
CALCULATED: 10/16/2013 CL
PRINTED: 10/16/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MPC 974"

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: 10/16/2013 CL
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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 974"

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

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 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 2" DIAMETER PIPE.

STRAPPED: 10/16/2013 CL
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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>