



# BARGE "MPC 972"

## 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 15, 2013

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MPC 972"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	26.52	0	401.81	0	787.36	0	1,172.50	0	1,557.98	0	1,943.54	0	2,329.10	0	2,714.66	0	3,100.19	0	3,485.69
1/4	32.54	1/4	409.85	1/4	795.40	1/4	1,180.52	1/4	1,566.01	1/4	1,951.57	1/4	2,337.13	1/4	2,722.69	1/4	3,108.22	1/4	3,493.72
1/2	38.56	1/2	417.88	1/2	803.43	1/2	1,188.54	1/2	1,574.04	1/2	1,959.60	1/2	2,345.16	1/2	2,730.72	1/2	3,116.25	1/2	3,501.75
3/4	44.59	3/4	425.91	3/4	811.46	3/4	1,196.57	3/4	1,582.07	3/4	1,967.63	3/4	2,353.19	3/4	2,738.75	3/4	3,124.28	3/4	3,509.78
1	50.61	1	433.94	1	819.49	1	1,204.59	1	1,590.11	1	1,975.67	1	2,361.23	1	2,746.79	1	3,132.31	1	3,517.81
1/4	58.12	1/4	441.97	1/4	827.53	1/4	1,212.61	1/4	1,598.14	1/4	1,983.70	1/4	2,369.26	1/4	2,754.82	1/4	3,140.34	1/4	3,525.84
1/2	65.63	1/2	450.01	1/2	835.56	1/2	1,220.64	1/2	1,606.17	1/2	1,991.73	1/2	2,377.29	1/2	2,762.85	1/2	3,148.37	1/2	3,533.87
3/4	73.14	3/4	458.04	3/4	843.59	3/4	1,228.66	3/4	1,614.20	3/4	1,999.76	3/4	2,385.32	3/4	2,770.88	3/4	3,156.41	3/4	3,541.90
2	80.65	2	466.07	2	851.62	2	1,236.69	2	1,622.24	2	2,007.80	2	2,393.36	2	2,778.92	2	3,164.44	2	3,549.93
1/4	88.66	1/4	474.10	1/4	859.65	1/4	1,244.72	1/4	1,630.27	1/4	2,015.83	1/4	2,401.39	1/4	2,786.95	1/4	3,172.47	1/4	3,557.96
1/2	96.66	1/2	482.14	1/2	867.69	1/2	1,252.75	1/2	1,638.30	1/2	2,023.86	1/2	2,409.42	1/2	2,794.98	1/2	3,180.50	1/2	3,565.99
3/4	104.67	3/4	490.17	3/4	875.72	3/4	1,260.78	3/4	1,646.33	3/4	2,031.89	3/4	2,417.45	3/4	2,803.01	3/4	3,188.53	3/4	3,574.02
3	112.68	3	498.20	3	883.75	3	1,268.81	3	1,654.37	3	2,039.93	3	2,425.49	3	2,811.05	3	3,196.56	3	3,582.05
1/4	120.70	1/4	506.23	1/4	891.78	1/4	1,276.84	1/4	1,662.40	1/4	2,047.96	1/4	2,433.52	1/4	2,819.08	1/4	3,204.60	1/4	3,590.08
1/2	128.73	1/2	514.27	1/2	899.82	1/2	1,284.87	1/2	1,670.43	1/2	2,055.99	1/2	2,441.55	1/2	2,827.11	1/2	3,212.63	1/2	3,598.11
3/4	136.76	3/4	522.30	3/4	907.85	3/4	1,292.90	3/4	1,678.46	3/4	2,064.02	3/4	2,449.58	3/4	2,835.14	3/4	3,220.66	3/4	3,606.14
4	144.78	4	530.33	4	915.88	4	1,300.94	4	1,686.50	4	2,072.06	4	2,457.62	4	2,843.18	4	3,228.69	4	3,614.17
1/4	152.81	1/4	538.36	1/4	923.91	1/4	1,308.97	1/4	1,694.53	1/4	2,080.09	1/4	2,465.65	1/4	2,851.21	1/4	3,236.72	1/4	3,622.20
1/2	160.85	1/2	546.39	1/2	931.93	1/2	1,317.00	1/2	1,702.56	1/2	2,088.12	1/2	2,473.68	1/2	2,859.24	1/2	3,244.75	1/2	3,630.23
3/4	168.88	3/4	554.43	3/4	939.96	3/4	1,325.03	3/4	1,710.59	3/4	2,096.15	3/4	2,481.71	3/4	2,867.27	3/4	3,252.78	3/4	3,638.26
5	176.91	5	562.46	5	947.98	5	1,333.07	5	1,718.63	5	2,104.19	5	2,489.75	5	2,875.30	5	3,260.82	5	3,646.29
1/4	184.94	1/4	570.49	1/4	956.00	1/4	1,341.10	1/4	1,726.66	1/4	2,112.22	1/4	2,497.78	1/4	2,883.34	1/4	3,268.85	1/4	3,654.32
1/2	192.97	1/2	578.52	1/2	964.02	1/2	1,349.13	1/2	1,734.69	1/2	2,120.25	1/2	2,505.81	1/2	2,891.37	1/2	3,276.88	1/2	3,662.35
3/4	201.01	3/4	586.56	3/4	972.04	3/4	1,357.16	3/4	1,742.72	3/4	2,128.28	3/4	2,513.84	3/4	2,899.40	3/4	3,284.91	3/4	3,670.39
6	209.04	6	594.59	6	980.06	6	1,365.20	6	1,750.76	6	2,136.32	6	2,521.88	6	2,907.43	6	3,292.94	6	3,678.42
1/4	217.07	1/4	602.62	1/4	988.07	1/4	1,373.23	1/4	1,758.79	1/4	2,144.35	1/4	2,529.91	1/4	2,915.46	1/4	3,300.97	1/4	3,686.45
1/2	225.10	1/2	610.65	1/2	996.09	1/2	1,381.26	1/2	1,766.82	1/2	2,152.38	1/2	2,537.94	1/2	2,923.49	1/2	3,309.00	1/2	3,694.48
3/4	233.14	3/4	618.69	3/4	1,004.11	3/4	1,389.29	3/4	1,774.85	3/4	2,160.41	3/4	2,545.97	3/4	2,931.52	3/4	3,317.04	3/4	3,702.51
7	241.17	7	626.72	7	1,012.13	7	1,397.33	7	1,782.89	7	2,168.45	7	2,554.01	7	2,939.56	7	3,325.07	7	3,710.54
1/4	249.20	1/4	634.75	1/4	1,020.15	1/4	1,405.36	1/4	1,790.92	1/4	2,176.48	1/4	2,562.04	1/4	2,947.59	1/4	3,333.10	1/4	3,718.57
1/2	257.23	1/2	642.78	1/2	1,028.17	1/2	1,413.39	1/2	1,798.95	1/2	2,184.51	1/2	2,570.07	1/2	2,955.62	1/2	3,341.13	1/2	3,726.60
3/4	265.26	3/4	650.81	3/4	1,036.19	3/4	1,421.42	3/4	1,806.98	3/4	2,192.54	3/4	2,578.10	3/4	2,963.65	3/4	3,349.16	3/4	3,734.63
8	273.30	8	658.85	8	1,044.20	8	1,429.46	8	1,815.02	8	2,200.58	8	2,586.14	8	2,971.68	8	3,357.19	8	3,742.66
1/4	281.33	1/4	666.88	1/4	1,052.22	1/4	1,437.49	1/4	1,823.05	1/4	2,208.61	1/4	2,594.17	1/4	2,979.71	1/4	3,365.23	1/4	3,750.69
1/2	289.36	1/2	674.91	1/2	1,060.24	1/2	1,445.52	1/2	1,831.08	1/2	2,216.64	1/2	2,602.20	1/2	2,987.74	1/2	3,373.26	1/2	3,758.72
3/4	297.39	3/4	682.94	3/4	1,068.26	3/4	1,453.55	3/4	1,839.11	3/4	2,224.67	3/4	2,610.23	3/4	2,995.78	3/4	3,381.29	3/4	3,766.75
9	305.43	9	690.98	9	1,076.28	9	1,461.59	9	1,847.15	9	2,232.71	9	2,618.27	9	3,003.81	9	3,389.32	9	3,774.78
1/4	313.46	1/4	699.01	1/4	1,084.30	1/4	1,469.62	1/4	1,855.18	1/4	2,240.74	1/4	2,626.30	1/4	3,011.84	1/4	3,397.35	1/4	3,782.81
1/2	321.49	1/2	707.04	1/2	1,092.32	1/2	1,477.65	1/2	1,863.21	1/2	2,248.77	1/2	2,634.33	1/2	3,019.87	1/2	3,405.38	1/2	3,790.84
3/4	329.52	3/4	715.07	3/4	1,100.33	3/4	1,485.68	3/4	1,871.24	3/4	2,256.80	3/4	2,642.36	3/4	3,027.90	3/4	3,413.41	3/4	3,798.87
10	337.56	10	723.11	10	1,108.35	10	1,493.72	10	1,879.28	10	2,264.84	10	2,650.40	10	3,035.93	10	3,421.45	10	3,806.90
1/4	345.59	1/4	731.14	1/4	1,116.37	1/4	1,501.75	1/4	1,887.31	1/4	2,272.87	1/4	2,658.43	1/4	3,043.97	1/4	3,429.48	1/4	3,814.93
1/2	353.62	1/2	739.17	1/2	1,124.39	1/2	1,509.78	1/2	1,895.34	1/2	2,280.90	1/2	2,666.46	1/2	3,052.00	1/2	3,437.51	1/2	3,822.96
3/4	361.65	3/4	747.20	3/4	1,132.41	3/4	1,517.81	3/4	1,903.37	3/4	2,288.93	3/4	2,674.49	3/4	3,060.03	3/4	3,445.53	3/4	3,830.99
11	369.68	11	755.23	11	1,140.43	11	1,525.85	11	1,911.41	11	2,296.97	11	2,682.53	11	3,068.06	11	3,453.56	11	3,839.02
1/4	377.72	1/4	763.27	1/4	1,148.44	1/4	1,533.88	1/4	1,919.44	1/4	2,305.00	1/4	2,690.56	1/4	3,076.09	1/4	3,461.59	1/4	3,847.05
1/2	385.75	1/2	771.30	1/2	1,156.46	1/2	1,541.91	1/2	1,927.47	1/2	2,313.03	1/2	2,698.59	1/2	3,084.12	1/2	3,469.63	1/2	3,855.08
3/4	393.78	3/4	779.33	3/4	1,164.48	3/4	1,549.94	3/4	1,935.50	3/4	2,321.06	3/4	2,706.62	3/4	3,092.15	3/4	3,477.66	3/4	3,863.11

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  
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# BARGE "MPC 972"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	3,871.15	0	4,256.60	0	4,642.06	0	5,026.62	0	5,408.48	0		0		0		0		0	
1/4	3,879.18	1/4	4,264.63	1/4	4,650.09	1/4	5,034.62	1/4	5,415.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,887.21	1/2	4,272.67	1/2	4,658.12	1/2	5,042.63	1/2	5,422.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,895.24	3/4	4,280.70	3/4	4,666.15	3/4	5,050.64	3/4	5,428.91	3/4		3/4		3/4		3/4		3/4	
1	3,903.27	1	4,288.73	1	4,674.19	1	5,058.65	1	5,435.72	1		1		1		1		1	
1/4	3,911.30	1/4	4,296.76	1/4	4,682.22	1/4	5,066.65	1/4	5,441.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,919.33	1/2	4,304.79	1/2	4,690.25	1/2	5,074.66	1/2	5,447.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,927.36	3/4	4,312.82	3/4	4,698.28	3/4	5,082.67	3/4	5,452.70	3/4		3/4		3/4		3/4		3/4	
2	3,935.39	2	4,320.85	2	4,706.31	2	5,090.67	2	5,458.37	2		2		2		2		2	
1/4	3,943.42	1/4	4,328.88	1/4	4,714.32	1/4	5,098.68	1/4	5,462.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,951.45	1/2	4,336.91	1/2	4,722.34	1/2	5,106.69	1/2	5,467.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,959.48	3/4	4,344.94	3/4	4,730.36	3/4	5,114.69	3/4	5,471.91	3/4		3/4		3/4		3/4		3/4	
3	3,967.51	3	4,352.97	3	4,738.37	3	5,122.70	3		3		3		3		3		3	
1/4	3,975.54	1/4	4,361.00	1/4	4,746.38	1/4	5,130.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,983.57	1/2	4,369.03	1/2	4,754.39	1/2	5,138.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,991.60	3/4	4,377.06	3/4	4,762.39	3/4	5,146.72	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,999.63	4	4,385.09	4	4,770.40	4	5,154.73	4		4		4		4		4		4	
1/4	4,007.66	1/4	4,393.12	1/4	4,778.41	1/4	5,162.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,015.69	1/2	4,401.15	1/2	4,786.41	1/2	5,170.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,023.72	3/4	4,409.18	3/4	4,794.42	3/4	5,178.75	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,031.75	5	4,417.21	5	4,802.43	5	5,186.75	5		5		5		5		5		5	
1/4	4,039.78	1/4	4,425.24	1/4	4,810.43	1/4	5,194.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,047.81	1/2	4,433.27	1/2	4,818.44	1/2	5,202.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,055.84	3/4	4,441.30	3/4	4,826.45	3/4	5,210.77	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,063.87	6	4,449.33	6	4,834.45	6	5,218.78	6		6		6		6		6		6	
1/4	4,071.91	1/4	4,457.36	1/4	4,842.46	1/4	5,226.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,079.94	1/2	4,465.39	1/2	4,850.47	1/2	5,234.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,087.97	3/4	4,473.43	3/4	4,858.48	3/4	5,242.72	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,096.00	7	4,481.46	7	4,866.48	7	5,250.71	7		7		7		7		7		7	
1/4	4,104.03	1/4	4,489.49	1/4	4,874.49	1/4	5,258.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,112.06	1/2	4,497.52	1/2	4,882.50	1/2	5,266.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,120.09	3/4	4,505.55	3/4	4,890.50	3/4	5,274.57	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,128.12	8	4,513.58	8	4,898.51	8	5,282.53	8		8		8		8		8		8	
1/4	4,136.15	1/4	4,521.61	1/4	4,906.52	1/4	5,290.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,144.18	1/2	4,529.64	1/2	4,914.52	1/2	5,298.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,152.21	3/4	4,537.67	3/4	4,922.53	3/4	5,306.39	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,160.24	9	4,545.70	9	4,930.54	9	5,314.35	9		9		9		9		9		9	
1/4	4,168.27	1/4	4,553.73	1/4	4,938.54	1/4	5,322.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,176.30	1/2	4,561.76	1/2	4,946.55	1/2	5,330.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,184.33	3/4	4,569.79	3/4	4,954.56	3/4	5,338.20	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,192.36	10	4,577.82	10	4,962.56	10	5,346.15	10		10		10		10		10		10	
1/4	4,200.39	1/4	4,585.85	1/4	4,970.57	1/4	5,354.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,208.42	1/2	4,593.88	1/2	4,978.58	1/2	5,362.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,216.45	3/4	4,601.91	3/4	4,986.58	3/4	5,369.95	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,224.48	11	4,609.94	11	4,994.59	11	5,377.88	11		11		11		11		11		11	
1/4	4,232.51	1/4	4,617.97	1/4	5,002.60	1/4	5,385.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,240.54	1/2	4,626.00	1/2	5,010.60	1/2	5,393.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,248.57	3/4	4,634.03	3/4	5,018.61	3/4	5,400.83	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/14/2013 CL - SW  
CALCULATED: 10/15/2013 CL  
PRINTED: 10/15/2013 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 972"

## 1 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	26.51	0	401.77	0	787.28	0	1,171.10	0	1,556.21	0	1,941.70	0	2,327.20	0	2,712.70	0	3,098.16	0	3,483.60
1/4	32.54	1/4	409.80	1/4	795.31	1/4	1,179.09	1/4	1,564.24	1/4	1,949.74	1/4	2,335.23	1/4	2,720.73	1/4	3,106.19	1/4	3,491.63
1/2	38.56	1/2	417.83	1/2	803.34	1/2	1,187.08	1/2	1,572.27	1/2	1,957.77	1/2	2,343.26	1/2	2,728.76	1/2	3,114.22	1/2	3,499.66
3/4	44.58	3/4	425.86	3/4	811.37	3/4	1,195.07	3/4	1,580.30	3/4	1,965.80	3/4	2,351.30	3/4	2,736.79	3/4	3,122.25	3/4	3,507.69
1	50.60	1	433.89	1	819.40	1	1,203.06	1	1,588.33	1	1,973.83	1	2,359.33	1	2,744.82	1	3,130.28	1	3,515.72
1/4	58.11	1/4	441.93	1/4	827.43	1/4	1,211.05	1/4	1,596.36	1/4	1,981.86	1/4	2,367.36	1/4	2,752.86	1/4	3,138.31	1/4	3,523.75
1/2	65.62	1/2	449.96	1/2	835.46	1/2	1,219.05	1/2	1,604.39	1/2	1,989.89	1/2	2,375.39	1/2	2,760.89	1/2	3,146.34	1/2	3,531.78
3/4	73.13	3/4	457.99	3/4	843.50	3/4	1,227.04	3/4	1,612.42	3/4	1,997.92	3/4	2,383.42	3/4	2,768.92	3/4	3,154.37	3/4	3,539.81
2	80.64	2	466.02	2	851.53	2	1,235.03	2	1,620.46	2	2,005.95	2	2,391.45	2	2,776.95	2	3,162.40	2	3,547.84
1/4	88.65	1/4	474.05	1/4	859.54	1/4	1,243.05	1/4	1,628.49	1/4	2,013.98	1/4	2,399.48	1/4	2,784.98	1/4	3,170.43	1/4	3,555.87
1/2	96.65	1/2	482.08	1/2	867.55	1/2	1,251.06	1/2	1,636.52	1/2	2,022.02	1/2	2,407.51	1/2	2,793.01	1/2	3,178.47	1/2	3,563.89
3/4	104.66	3/4	490.11	3/4	875.56	3/4	1,259.07	3/4	1,644.55	3/4	2,030.05	3/4	2,415.54	3/4	2,801.04	3/4	3,186.50	3/4	3,571.92
3	112.67	3	498.15	3	883.57	3	1,267.08	3	1,652.58	3	2,038.08	3	2,423.58	3	2,809.07	3	3,194.53	3	3,579.95
1/4	120.69	1/4	506.18	1/4	891.56	1/4	1,275.11	1/4	1,660.61	1/4	2,046.11	1/4	2,431.61	1/4	2,817.11	1/4	3,202.56	1/4	3,587.98
1/2	128.72	1/2	514.21	1/2	899.55	1/2	1,283.15	1/2	1,668.64	1/2	2,054.14	1/2	2,439.64	1/2	2,825.14	1/2	3,210.59	1/2	3,596.01
3/4	136.74	3/4	522.24	3/4	907.54	3/4	1,291.18	3/4	1,676.67	3/4	2,062.17	3/4	2,447.67	3/4	2,833.17	3/4	3,218.62	3/4	3,604.04
4	144.77	4	530.27	4	915.54	4	1,299.21	4	1,684.71	4	2,070.20	4	2,455.70	4	2,841.20	4	3,226.65	4	3,612.07
1/4	152.80	1/4	538.30	1/4	923.52	1/4	1,307.24	1/4	1,692.74	1/4	2,078.23	1/4	2,463.73	1/4	2,849.23	1/4	3,234.68	1/4	3,620.10
1/2	160.83	1/2	546.33	1/2	931.51	1/2	1,315.27	1/2	1,700.77	1/2	2,086.27	1/2	2,471.76	1/2	2,857.26	1/2	3,242.71	1/2	3,628.13
3/4	168.86	3/4	554.37	3/4	939.50	3/4	1,323.30	3/4	1,708.80	3/4	2,094.30	3/4	2,479.79	3/4	2,865.29	3/4	3,250.74	3/4	3,636.16
5	176.89	5	562.40	5	947.49	5	1,331.33	5	1,716.83	5	2,102.33	5	2,487.83	5	2,873.32	5	3,258.77	5	3,644.18
1/4	184.92	1/4	570.43	1/4	955.47	1/4	1,339.36	1/4	1,724.86	1/4	2,110.36	1/4	2,495.86	1/4	2,881.35	1/4	3,266.80	1/4	3,652.21
1/2	192.95	1/2	578.46	1/2	963.45	1/2	1,347.40	1/2	1,732.89	1/2	2,118.39	1/2	2,503.89	1/2	2,889.38	1/2	3,274.83	1/2	3,660.24
3/4	200.98	3/4	586.49	3/4	971.44	3/4	1,355.43	3/4	1,740.92	3/4	2,126.42	3/4	2,511.92	3/4	2,897.41	3/4	3,282.86	3/4	3,668.27
6	209.01	6	594.52	6	979.42	6	1,363.46	6	1,748.96	6	2,134.45	6	2,519.95	6	2,905.44	6	3,290.89	6	3,676.30
1/4	217.05	1/4	602.55	1/4	987.41	1/4	1,371.49	1/4	1,756.99	1/4	2,142.48	1/4	2,527.98	1/4	2,913.47	1/4	3,298.92	1/4	3,684.33
1/2	225.08	1/2	610.58	1/2	995.39	1/2	1,379.52	1/2	1,765.02	1/2	2,150.52	1/2	2,536.01	1/2	2,921.50	1/2	3,306.95	1/2	3,692.36
3/4	233.11	3/4	618.62	3/4	1,003.38	3/4	1,387.55	3/4	1,773.05	3/4	2,158.55	3/4	2,544.04	3/4	2,929.53	3/4	3,314.98	3/4	3,700.39
7	241.14	7	626.65	7	1,011.36	7	1,395.58	7	1,781.08	7	2,166.58	7	2,552.08	7	2,937.56	7	3,323.01	7	3,708.42
1/4	249.17	1/4	634.68	1/4	1,019.35	1/4	1,403.61	1/4	1,789.11	1/4	2,174.61	1/4	2,560.11	1/4	2,945.59	1/4	3,331.04	1/4	3,716.45
1/2	257.20	1/2	642.71	1/2	1,027.34	1/2	1,411.64	1/2	1,797.14	1/2	2,182.64	1/2	2,568.14	1/2	2,953.62	1/2	3,339.07	1/2	3,724.47
3/4	265.23	3/4	650.74	3/4	1,035.32	3/4	1,419.68	3/4	1,805.17	3/4	2,190.67	3/4	2,576.17	3/4	2,961.65	3/4	3,347.10	3/4	3,732.50
8	273.27	8	658.77	8	1,043.31	8	1,427.71	8	1,813.20	8	2,198.70	8	2,584.20	8	2,969.68	8	3,355.13	8	3,740.53
1/4	281.30	1/4	666.80	1/4	1,051.30	1/4	1,435.74	1/4	1,821.24	1/4	2,206.73	1/4	2,592.23	1/4	2,977.71	1/4	3,363.16	1/4	3,748.56
1/2	289.33	1/2	674.84	1/2	1,059.28	1/2	1,443.77	1/2	1,829.27	1/2	2,214.76	1/2	2,600.26	1/2	2,985.74	1/2	3,371.19	1/2	3,756.59
3/4	297.36	3/4	682.87	3/4	1,067.27	3/4	1,451.80	3/4	1,837.30	3/4	2,222.80	3/4	2,608.29	3/4	2,993.77	3/4	3,379.22	3/4	3,764.62
9	305.39	9	690.90	9	1,075.26	9	1,459.83	9	1,845.33	9	2,230.83	9	2,616.32	9	3,001.80	9	3,387.25	9	3,772.65
1/4	313.42	1/4	698.93	1/4	1,083.24	1/4	1,467.86	1/4	1,853.36	1/4	2,238.86	1/4	2,624.36	1/4	3,009.83	1/4	3,395.28	1/4	3,780.68
1/2	321.45	1/2	706.96	1/2	1,091.23	1/2	1,475.89	1/2	1,861.39	1/2	2,246.89	1/2	2,632.39	1/2	3,017.86	1/2	3,403.31	1/2	3,788.71
3/4	329.49	3/4	714.99	3/4	1,099.22	3/4	1,483.93	3/4	1,869.42	3/4	2,254.92	3/4	2,640.42	3/4	3,025.89	3/4	3,411.34	3/4	3,796.74
10	337.52	10	723.02	10	1,107.20	10	1,491.96	10	1,877.45	10	2,262.95	10	2,648.45	10	3,033.92	10	3,419.37	10	3,804.76
1/4	345.55	1/4	731.06	1/4	1,115.19	1/4	1,499.99	1/4	1,885.49	1/4	2,270.98	1/4	2,656.48	1/4	3,041.95	1/4	3,427.40	1/4	3,812.79
1/2	353.58	1/2	739.09	1/2	1,123.18	1/2	1,508.02	1/2	1,893.52	1/2	2,279.01	1/2	2,664.51	1/2	3,049.98	1/2	3,435.43	1/2	3,820.82
3/4	361.61	3/4	747.12	3/4	1,131.17	3/4	1,516.05	3/4	1,901.55	3/4	2,287.05	3/4	2,672.54	3/4	3,058.01	3/4	3,443.46	3/4	3,828.85
11	369.64	11	755.15	11	1,139.15	11	1,524.08	11	1,909.58	11	2,295.08	11	2,680.57	11	3,066.04	11	3,451.49	11	3,836.88
1/4	377.67	1/4	763.18	1/4	1,147.14	1/4	1,532.11	1/4	1,917.61	1/4	2,303.11	1/4	2,688.61	1/4	3,074.07	1/4	3,459.52	1/4	3,844.91
1/2	385.71	1/2	771.21	1/2	1,155.13	1/2	1,540.14	1/2	1,925.64	1/2	2,311.14	1/2	2,696.64	1/2	3,082.10	1/2	3,467.55	1/2	3,852.94
3/4	393.74	3/4	779.24	3/4	1,163.11	3/4	1,548.18	3/4	1,933.67	3/4	2,319.17	3/4	2,704.67	3/4	3,090.13	3/4	3,475.58	3/4	3,860.97

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MPC 972"

## 1 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	3,869.00	0	4,254.39	0	4,639.78	0	5,024.29	0	5,406.10	0		0		0		0		0	
1/4	3,877.03	1/4	4,262.42	1/4	4,647.81	1/4	5,032.29	1/4	5,412.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,885.05	1/2	4,270.45	1/2	4,655.84	1/2	5,040.30	1/2	5,419.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,893.08	3/4	4,278.48	3/4	4,663.87	3/4	5,048.30	3/4	5,426.52	3/4		3/4		3/4		3/4		3/4	
1	3,901.11	1	4,286.50	1	4,671.90	1	5,056.31	1	5,433.33	1		1		1		1		1	
1/4	3,909.14	1/4	4,294.53	1/4	4,679.93	1/4	5,064.31	1/4	5,438.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,917.17	1/2	4,302.56	1/2	4,687.95	1/2	5,072.32	1/2	5,444.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,925.20	3/4	4,310.59	3/4	4,695.98	3/4	5,080.33	3/4	5,450.31	3/4		3/4		3/4		3/4		3/4	
2	3,933.23	2	4,318.62	2	4,704.01	2	5,088.33	2	5,455.97	2		2		2		2		2	
1/4	3,941.26	1/4	4,326.65	1/4	4,712.03	1/4	5,096.34	1/4	5,460.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,949.29	1/2	4,334.68	1/2	4,720.05	1/2	5,104.34	1/2	5,465.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,957.32	3/4	4,342.71	3/4	4,728.07	3/4	5,112.35	3/4	5,469.51	3/4		3/4		3/4		3/4		3/4	
3	3,965.34	3	4,350.74	3	4,736.09	3	5,120.35	3		3		3		3		3		3	
1/4	3,973.37	1/4	4,358.77	1/4	4,744.09	1/4	5,128.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,981.40	1/2	4,366.79	1/2	4,752.10	1/2	5,136.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,989.43	3/4	4,374.82	3/4	4,760.11	3/4	5,144.37	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,997.46	4	4,382.85	4	4,768.11	4	5,152.38	4		4		4		4		4		4	
1/4	4,005.49	1/4	4,390.88	1/4	4,776.12	1/4	5,160.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,013.52	1/2	4,398.91	1/2	4,784.12	1/2	5,168.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,021.55	3/4	4,406.94	3/4	4,792.13	3/4	5,176.39	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,029.58	5	4,414.97	5	4,800.13	5	5,184.40	5		5		5		5		5		5	
1/4	4,037.61	1/4	4,423.00	1/4	4,808.14	1/4	5,192.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,045.63	1/2	4,431.03	1/2	4,816.14	1/2	5,200.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,053.66	3/4	4,439.06	3/4	4,824.15	3/4	5,208.41	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,061.69	6	4,447.08	6	4,832.16	6	5,216.42	6		6		6		6		6		6	
1/4	4,069.72	1/4	4,455.11	1/4	4,840.16	1/4	5,224.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,077.75	1/2	4,463.14	1/2	4,848.17	1/2	5,232.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,085.78	3/4	4,471.17	3/4	4,856.17	3/4	5,240.36	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,093.81	7	4,479.20	7	4,864.18	7	5,248.34	7		7		7		7		7		7	
1/4	4,101.84	1/4	4,487.23	1/4	4,872.18	1/4	5,256.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,109.87	1/2	4,495.26	1/2	4,880.19	1/2	5,264.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,117.90	3/4	4,503.29	3/4	4,888.19	3/4	5,272.20	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,125.92	8	4,511.32	8	4,896.20	8	5,280.15	8		8		8		8		8		8	
1/4	4,133.95	1/4	4,519.35	1/4	4,904.20	1/4	5,288.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,141.98	1/2	4,527.37	1/2	4,912.21	1/2	5,296.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,150.01	3/4	4,535.40	3/4	4,920.22	3/4	5,304.02	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,158.04	9	4,543.43	9	4,928.22	9	5,311.97	9		9		9		9		9		9	
1/4	4,166.07	1/4	4,551.46	1/4	4,936.23	1/4	5,319.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,174.10	1/2	4,559.49	1/2	4,944.23	1/2	5,327.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,182.13	3/4	4,567.52	3/4	4,952.24	3/4	5,335.82	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,190.16	10	4,575.55	10	4,960.24	10	5,343.77	10		10		10		10		10		10	
1/4	4,198.19	1/4	4,583.58	1/4	4,968.25	1/4	5,351.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,206.21	1/2	4,591.61	1/2	4,976.25	1/2	5,359.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,214.24	3/4	4,599.64	3/4	4,984.26	3/4	5,367.57	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,222.27	11	4,607.66	11	4,992.27	11	5,375.50	11		11		11		11		11		11	
1/4	4,230.30	1/4	4,615.69	1/4	5,000.27	1/4	5,383.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,238.33	1/2	4,623.72	1/2	5,008.28	1/2	5,390.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,246.36	3/4	4,631.75	3/4	5,016.28	3/4	5,398.45	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 10/14/2013 CL - SW  
CALCULATED: 10/15/2013 CL  
PRINTED: 10/15/2013 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  
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# BARGE "MPC 972"

## 2 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	27.09	0	410.69	0	804.76	0	1,198.42	0	1,592.42	0	1,986.51	0	2,380.59	0	2,774.68	0	3,168.72	0	3,562.75
1/4	33.25	1/4	418.90	1/4	812.97	1/4	1,206.62	1/4	1,600.63	1/4	1,994.72	1/4	2,388.80	1/4	2,782.89	1/4	3,176.93	1/4	3,570.96
1/2	39.41	1/2	427.11	1/2	821.18	1/2	1,214.82	1/2	1,608.84	1/2	2,002.93	1/2	2,397.01	1/2	2,791.10	1/2	3,185.14	1/2	3,579.16
3/4	45.56	3/4	435.32	3/4	829.39	3/4	1,223.02	3/4	1,617.05	3/4	2,011.14	3/4	2,405.22	3/4	2,799.31	3/4	3,193.35	3/4	3,587.37
1	51.72	1	443.53	1	837.60	1	1,231.22	1	1,625.26	1	2,019.35	1	2,413.43	1	2,807.52	1	3,201.56	1	3,595.58
1/4	59.40	1/4	451.74	1/4	845.81	1/4	1,239.42	1/4	1,633.47	1/4	2,027.56	1/4	2,421.64	1/4	2,815.73	1/4	3,209.77	1/4	3,603.79
1/2	67.07	1/2	459.95	1/2	854.02	1/2	1,247.63	1/2	1,641.68	1/2	2,035.77	1/2	2,429.85	1/2	2,823.94	1/2	3,217.98	1/2	3,612.00
3/4	74.75	3/4	468.16	3/4	862.23	3/4	1,255.83	3/4	1,649.89	3/4	2,043.98	3/4	2,438.06	3/4	2,832.15	3/4	3,226.19	3/4	3,620.20
2	82.42	2	476.37	2	870.44	2	1,264.03	2	1,658.10	2	2,052.19	2	2,446.27	2	2,840.36	2	3,234.39	2	3,628.41
1/4	90.61	1/4	484.58	1/4	878.65	1/4	1,272.24	1/4	1,666.31	1/4	2,060.40	1/4	2,454.48	1/4	2,848.57	1/4	3,242.60	1/4	3,636.62
1/2	98.79	1/2	492.79	1/2	886.86	1/2	1,280.44	1/2	1,674.52	1/2	2,068.61	1/2	2,462.69	1/2	2,856.78	1/2	3,250.81	1/2	3,644.83
3/4	106.98	3/4	501.00	3/4	895.07	3/4	1,288.65	3/4	1,682.73	3/4	2,076.82	3/4	2,470.90	3/4	2,864.99	3/4	3,259.02	3/4	3,653.04
3	115.16	3	509.21	3	903.28	3	1,296.86	3	1,690.94	3	2,085.03	3	2,479.11	3	2,873.20	3	3,267.23	3	3,661.24
1/4	123.36	1/4	517.42	1/4	911.49	1/4	1,305.07	1/4	1,699.15	1/4	2,093.24	1/4	2,487.32	1/4	2,881.41	1/4	3,275.44	1/4	3,669.45
1/2	131.57	1/2	525.63	1/2	919.70	1/2	1,313.28	1/2	1,707.36	1/2	2,101.45	1/2	2,495.53	1/2	2,889.62	1/2	3,283.65	1/2	3,677.66
3/4	139.77	3/4	533.84	3/4	927.91	3/4	1,321.49	3/4	1,715.57	3/4	2,109.66	3/4	2,503.74	3/4	2,897.83	3/4	3,291.86	3/4	3,685.87
4	147.97	4	542.05	4	936.12	4	1,329.70	4	1,723.78	4	2,117.87	4	2,511.95	4	2,906.03	4	3,300.07	4	3,694.07
1/4	156.18	1/4	550.26	1/4	944.32	1/4	1,337.91	1/4	1,731.99	1/4	2,126.08	1/4	2,520.16	1/4	2,914.24	1/4	3,308.28	1/4	3,702.28
1/2	164.39	1/2	558.47	1/2	952.53	1/2	1,346.12	1/2	1,740.20	1/2	2,134.29	1/2	2,528.37	1/2	2,922.45	1/2	3,316.48	1/2	3,710.49
3/4	172.60	3/4	566.68	3/4	960.73	3/4	1,354.33	3/4	1,748.41	3/4	2,142.50	3/4	2,536.58	3/4	2,930.66	3/4	3,324.69	3/4	3,718.70
5	180.81	5	574.89	5	968.93	5	1,362.54	5	1,756.62	5	2,150.71	5	2,544.79	5	2,938.87	5	3,332.90	5	3,726.91
1/4	189.02	1/4	583.10	1/4	977.13	1/4	1,370.75	1/4	1,764.83	1/4	2,158.92	1/4	2,553.00	1/4	2,947.08	1/4	3,341.11	1/4	3,735.11
1/2	197.23	1/2	591.31	1/2	985.32	1/2	1,378.96	1/2	1,773.04	1/2	2,167.13	1/2	2,561.21	1/2	2,955.29	1/2	3,349.32	1/2	3,743.32
3/4	205.44	3/4	599.52	3/4	993.52	3/4	1,387.17	3/4	1,781.25	3/4	2,175.34	3/4	2,569.42	3/4	2,963.50	3/4	3,357.53	3/4	3,751.53
6	213.65	6	607.73	6	1,001.72	6	1,395.38	6	1,789.46	6	2,183.55	6	2,577.63	6	2,971.71	6	3,365.74	6	3,759.74
1/4	221.86	1/4	615.94	1/4	1,009.91	1/4	1,403.59	1/4	1,797.67	1/4	2,191.76	1/4	2,585.84	1/4	2,979.92	1/4	3,373.95	1/4	3,767.95
1/2	230.07	1/2	624.15	1/2	1,018.11	1/2	1,411.80	1/2	1,805.88	1/2	2,199.97	1/2	2,594.05	1/2	2,988.12	1/2	3,382.16	1/2	3,776.15
3/4	238.28	3/4	632.36	3/4	1,026.30	3/4	1,420.01	3/4	1,814.09	3/4	2,208.18	3/4	2,602.26	3/4	2,996.33	3/4	3,390.37	3/4	3,784.36
7	246.49	7	640.57	7	1,034.50	7	1,428.22	7	1,822.30	7	2,216.39	7	2,610.47	7	3,004.54	7	3,398.57	7	3,792.57
1/4	254.70	1/4	648.78	1/4	1,042.70	1/4	1,436.43	1/4	1,830.51	1/4	2,224.60	1/4	2,618.68	1/4	3,012.75	1/4	3,406.78	1/4	3,800.78
1/2	262.91	1/2	656.99	1/2	1,050.89	1/2	1,444.64	1/2	1,838.72	1/2	2,232.81	1/2	2,626.89	1/2	3,020.96	1/2	3,414.99	1/2	3,808.99
3/4	271.12	3/4	665.19	3/4	1,059.09	3/4	1,452.85	3/4	1,846.93	3/4	2,241.02	3/4	2,635.10	3/4	3,029.17	3/4	3,423.20	3/4	3,817.19
8	279.33	8	673.40	8	1,067.28	8	1,461.06	8	1,855.14	8	2,249.23	8	2,643.31	8	3,037.38	8	3,431.41	8	3,825.40
1/4	287.54	1/4	681.61	1/4	1,075.48	1/4	1,469.27	1/4	1,863.35	1/4	2,257.44	1/4	2,651.52	1/4	3,045.59	1/4	3,439.62	1/4	3,833.61
1/2	295.75	1/2	689.82	1/2	1,083.68	1/2	1,477.48	1/2	1,871.56	1/2	2,265.65	1/2	2,659.73	1/2	3,053.80	1/2	3,447.83	1/2	3,841.82
3/4	303.96	3/4	698.03	3/4	1,091.87	3/4	1,485.69	3/4	1,879.77	3/4	2,273.86	3/4	2,667.94	3/4	3,062.01	3/4	3,456.04	3/4	3,850.02
9	312.17	9	706.24	9	1,100.07	9	1,493.90	9	1,887.98	9	2,282.07	9	2,676.15	9	3,070.21	9	3,464.25	9	3,858.23
1/4	320.38	1/4	714.45	1/4	1,108.27	1/4	1,502.11	1/4	1,896.20	1/4	2,290.28	1/4	2,684.36	1/4	3,078.42	1/4	3,472.46	1/4	3,866.44
1/2	328.59	1/2	722.66	1/2	1,116.46	1/2	1,510.32	1/2	1,904.41	1/2	2,298.49	1/2	2,692.57	1/2	3,086.63	1/2	3,480.66	1/2	3,874.65
3/4	336.80	3/4	730.87	3/4	1,124.66	3/4	1,518.53	3/4	1,912.62	3/4	2,306.70	3/4	2,700.78	3/4	3,094.84	3/4	3,488.87	3/4	3,882.86
10	345.01	10	739.08	10	1,132.85	10	1,526.74	10	1,920.83	10	2,314.91	10	2,708.99	10	3,103.05	10	3,497.08	10	3,891.06
1/4	353.22	1/4	747.29	1/4	1,141.05	1/4	1,534.95	1/4	1,929.04	1/4	2,323.12	1/4	2,717.20	1/4	3,111.26	1/4	3,505.29	1/4	3,899.27
1/2	361.43	1/2	755.50	1/2	1,149.25	1/2	1,543.16	1/2	1,937.25	1/2	2,331.33	1/2	2,725.42	1/2	3,119.47	1/2	3,513.50	1/2	3,907.48
3/4	369.64	3/4	763.71	3/4	1,157.44	3/4	1,551.37	3/4	1,945.46	3/4	2,339.54	3/4	2,733.63	3/4	3,127.68	3/4	3,521.71	3/4	3,915.69
11	377.85	11	771.92	11	1,165.64	11	1,559.58	11	1,953.67	11	2,347.75	11	2,741.84	11	3,135.89	11	3,529.92	11	3,923.90
1/4	386.06	1/4	780.13	1/4	1,173.83	1/4	1,567.79	1/4	1,961.88	1/4	2,355.96	1/4	2,750.05	1/4	3,144.10	1/4	3,538.12	1/4	3,932.10
1/2	394.27	1/2	788.34	1/2	1,182.03	1/2	1,576.00	1/2	1,970.09	1/2	2,364.17	1/2	2,758.26	1/2	3,152.30	1/2	3,546.33	1/2	3,940.31
3/4	402.48	3/4	796.55	3/4	1,190.23	3/4	1,584.21	3/4	1,978.30	3/4	2,372.38	3/4	2,766.47	3/4	3,160.51	3/4	3,554.54	3/4	3,948.52

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 972"

## 2 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	3,956.73	0	4,350.71	0	4,744.69	0	5,137.78	0	5,528.14	0		0		0		0		0	
1/4	3,964.94	1/4	4,358.91	1/4	4,752.89	1/4	5,145.96	1/4	5,535.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,973.14	1/2	4,367.12	1/2	4,761.10	1/2	5,154.14	1/2	5,542.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,981.35	3/4	4,375.33	3/4	4,769.31	3/4	5,162.33	3/4	5,549.03	3/4		3/4		3/4		3/4		3/4	
1	3,989.56	1	4,383.54	1	4,777.52	1	5,170.51	1	5,555.99	1		1		1		1		1	
1/4	3,997.77	1/4	4,391.75	1/4	4,785.73	1/4	5,178.70	1/4	5,561.78	1/4		1/4		1/4		1/4		1/4	
1/2	4,005.98	1/2	4,399.95	1/2	4,793.93	1/2	5,186.88	1/2	5,567.56	1/2		1/2		1/2		1/2		1/2	
3/4	4,014.18	3/4	4,408.16	3/4	4,802.14	3/4	5,195.07	3/4	5,573.35	3/4		3/4		3/4		3/4		3/4	
2	4,022.39	2	4,416.37	2	4,810.35	2	5,203.25	2	5,579.14	2		2		2		2		2	
1/4	4,030.60	1/4	4,424.58	1/4	4,818.55	1/4	5,211.44	1/4	5,583.76	1/4		1/4		1/4		1/4		1/4	
1/2	4,038.81	1/2	4,432.79	1/2	4,826.74	1/2	5,219.62	1/2	5,588.37	1/2		1/2		1/2		1/2		1/2	
3/4	4,047.01	3/4	4,440.99	3/4	4,834.94	3/4	5,227.80	3/4	5,592.99	3/4		3/4		3/4		3/4		3/4	
3	4,055.22	3	4,449.20	3	4,843.14	3	5,235.99	3		3		3		3		3		3	
1/4	4,063.43	1/4	4,457.41	1/4	4,851.32	1/4	5,244.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,071.64	1/2	4,465.62	1/2	4,859.51	1/2	5,252.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,079.85	3/4	4,473.83	3/4	4,867.69	3/4	5,260.54	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,088.05	4	4,482.03	4	4,875.88	4	5,268.73	4		4		4		4		4		4	
1/4	4,096.26	1/4	4,490.24	1/4	4,884.06	1/4	5,276.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,104.47	1/2	4,498.45	1/2	4,892.24	1/2	5,285.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,112.68	3/4	4,506.66	3/4	4,900.43	3/4	5,293.28	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,120.89	5	4,514.86	5	4,908.61	5	5,301.46	5		5		5		5		5		5	
1/4	4,129.09	1/4	4,523.07	1/4	4,916.80	1/4	5,309.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,137.30	1/2	4,531.28	1/2	4,924.98	1/2	5,317.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,145.51	3/4	4,539.49	3/4	4,933.17	3/4	5,326.02	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,153.72	6	4,547.70	6	4,941.35	6	5,334.20	6		6		6		6		6		6	
1/4	4,161.93	1/4	4,555.90	1/4	4,949.53	1/4	5,342.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,170.13	1/2	4,564.11	1/2	4,957.72	1/2	5,350.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,178.34	3/4	4,572.32	3/4	4,965.90	3/4	5,358.68	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,186.55	7	4,580.53	7	4,974.09	7	5,366.83	7		7		7		7		7		7	
1/4	4,194.76	1/4	4,588.74	1/4	4,982.27	1/4	5,374.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,202.96	1/2	4,596.94	1/2	4,990.46	1/2	5,383.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,211.17	3/4	4,605.15	3/4	4,998.64	3/4	5,391.23	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,219.38	8	4,613.36	8	5,006.83	8	5,399.36	8		8		8		8		8		8	
1/4	4,227.59	1/4	4,621.57	1/4	5,015.01	1/4	5,407.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,235.80	1/2	4,629.78	1/2	5,023.19	1/2	5,415.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,244.00	3/4	4,637.98	3/4	5,031.38	3/4	5,423.77	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,252.21	9	4,646.19	9	5,039.56	9	5,431.90	9		9		9		9		9		9	
1/4	4,260.42	1/4	4,654.40	1/4	5,047.75	1/4	5,440.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,268.63	1/2	4,662.61	1/2	5,055.93	1/2	5,448.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,276.84	3/4	4,670.81	3/4	5,064.12	3/4	5,456.29	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,285.04	10	4,679.02	10	5,072.30	10	5,464.42	10		10		10		10		10		10	
1/4	4,293.25	1/4	4,687.23	1/4	5,080.49	1/4	5,472.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,301.46	1/2	4,695.44	1/2	5,088.67	1/2	5,480.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,309.67	3/4	4,703.65	3/4	5,096.85	3/4	5,488.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,317.88	11	4,711.85	11	5,105.04	11	5,496.86	11		11		11		11		11		11	
1/4	4,326.08	1/4	4,720.06	1/4	5,113.22	1/4	5,504.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,334.29	1/2	4,728.27	1/2	5,121.41	1/2	5,512.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,342.50	3/4	4,736.48	3/4	5,129.59	3/4	5,520.32	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 10/14/2013 CL - SW  
CALCULATED: 10/15/2013 CL  
PRINTED: 10/15/2013 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 972"

## 2 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	27.11	0	410.91	0	805.20	0	1,186.59	0	1,577.47	0	1,971.77	0	2,366.07	0	2,760.37	0	3,154.64	0	3,548.89
1/4	33.27	1/4	419.13	1/4	813.42	1/4	1,194.46	1/4	1,585.69	1/4	1,979.99	1/4	2,374.29	1/4	2,768.59	1/4	3,162.86	1/4	3,557.10
1/2	39.43	1/2	427.34	1/2	821.63	1/2	1,202.33	1/2	1,593.90	1/2	1,988.20	1/2	2,382.50	1/2	2,776.80	1/2	3,171.07	1/2	3,565.31
3/4	45.59	3/4	435.56	3/4	829.85	3/4	1,210.20	3/4	1,602.12	3/4	1,996.42	3/4	2,390.72	3/4	2,785.02	3/4	3,179.28	3/4	3,573.52
1	51.75	1	443.77	1	838.06	1	1,218.07	1	1,610.33	1	2,004.63	1	2,398.93	1	2,793.23	1	3,187.50	1	3,581.74
1/4	59.43	1/4	451.99	1/4	846.28	1/4	1,225.95	1/4	1,618.55	1/4	2,012.85	1/4	2,407.15	1/4	2,801.45	1/4	3,195.71	1/4	3,589.95
1/2	67.11	1/2	460.20	1/2	854.49	1/2	1,233.82	1/2	1,626.76	1/2	2,021.06	1/2	2,415.36	1/2	2,809.66	1/2	3,203.92	1/2	3,598.16
3/4	74.79	3/4	468.41	3/4	862.71	3/4	1,241.70	3/4	1,634.97	3/4	2,029.28	3/4	2,423.58	3/4	2,817.88	3/4	3,212.14	3/4	3,606.37
2	82.47	2	476.63	2	870.92	2	1,249.57	2	1,643.19	2	2,037.49	2	2,431.79	2	2,826.09	2	3,220.35	2	3,614.59
1/4	90.66	1/4	484.84	1/4	878.98	1/4	1,257.61	1/4	1,651.40	1/4	2,045.70	1/4	2,440.01	1/4	2,834.31	1/4	3,228.56	1/4	3,622.80
1/2	98.85	1/2	493.06	1/2	887.04	1/2	1,265.66	1/2	1,659.62	1/2	2,053.92	1/2	2,448.22	1/2	2,842.52	1/2	3,236.78	1/2	3,631.01
3/4	107.04	3/4	501.27	3/4	895.10	3/4	1,273.70	3/4	1,667.83	3/4	2,062.13	3/4	2,456.43	3/4	2,850.74	3/4	3,244.99	3/4	3,639.22
3	115.22	3	509.49	3	903.16	3	1,281.75	3	1,676.05	3	2,070.35	3	2,464.65	3	2,858.95	3	3,253.20	3	3,647.43
1/4	123.43	1/4	517.70	1/4	911.06	1/4	1,289.96	1/4	1,684.26	1/4	2,078.56	1/4	2,472.86	1/4	2,867.17	1/4	3,261.42	1/4	3,655.65
1/2	131.64	1/2	525.92	1/2	918.96	1/2	1,298.18	1/2	1,692.48	1/2	2,086.78	1/2	2,481.08	1/2	2,875.38	1/2	3,269.63	1/2	3,663.86
3/4	139.85	3/4	534.13	3/4	926.87	3/4	1,306.39	3/4	1,700.69	3/4	2,094.99	3/4	2,489.29	3/4	2,883.60	3/4	3,277.85	3/4	3,672.07
4	148.06	4	542.34	4	934.77	4	1,314.61	4	1,708.91	4	2,103.21	4	2,497.51	4	2,891.81	4	3,286.06	4	3,680.28
1/4	156.27	1/4	550.56	1/4	942.66	1/4	1,322.82	1/4	1,717.12	1/4	2,111.42	1/4	2,505.72	1/4	2,900.02	1/4	3,294.27	1/4	3,688.50
1/2	164.48	1/2	558.77	1/2	950.54	1/2	1,331.03	1/2	1,725.34	1/2	2,119.64	1/2	2,513.94	1/2	2,908.24	1/2	3,302.49	1/2	3,696.71
3/4	172.70	3/4	566.99	3/4	958.43	3/4	1,339.25	3/4	1,733.55	3/4	2,127.85	3/4	2,522.15	3/4	2,916.45	3/4	3,310.70	3/4	3,704.92
5	180.91	5	575.20	5	966.31	5	1,347.46	5	1,741.76	5	2,136.07	5	2,530.37	5	2,924.66	5	3,318.91	5	3,713.13
1/4	189.12	1/4	583.42	1/4	974.18	1/4	1,355.68	1/4	1,749.98	1/4	2,144.28	1/4	2,538.58	1/4	2,932.88	1/4	3,327.13	1/4	3,721.35
1/2	197.34	1/2	591.63	1/2	982.05	1/2	1,363.89	1/2	1,758.19	1/2	2,152.49	1/2	2,546.80	1/2	2,941.09	1/2	3,335.34	1/2	3,729.56
3/4	205.55	3/4	599.84	3/4	989.91	3/4	1,372.11	3/4	1,766.41	3/4	2,160.71	3/4	2,555.01	3/4	2,949.31	3/4	3,343.55	3/4	3,737.77
6	213.77	6	608.06	6	997.78	6	1,380.32	6	1,774.62	6	2,168.92	6	2,563.22	6	2,957.52	6	3,351.77	6	3,745.98
1/4	221.98	1/4	616.27	1/4	1,005.65	1/4	1,388.54	1/4	1,782.84	1/4	2,177.14	1/4	2,571.44	1/4	2,965.73	1/4	3,359.98	1/4	3,754.20
1/2	230.20	1/2	624.49	1/2	1,013.52	1/2	1,396.75	1/2	1,791.05	1/2	2,185.35	1/2	2,579.65	1/2	2,973.95	1/2	3,368.19	1/2	3,762.41
3/4	238.41	3/4	632.70	3/4	1,021.38	3/4	1,404.97	3/4	1,799.27	3/4	2,193.57	3/4	2,587.87	3/4	2,982.16	3/4	3,376.41	3/4	3,770.62
7	246.63	7	640.92	7	1,029.25	7	1,413.18	7	1,807.48	7	2,201.78	7	2,596.08	7	2,990.37	7	3,384.62	7	3,778.83
1/4	254.84	1/4	649.13	1/4	1,037.12	1/4	1,421.40	1/4	1,815.70	1/4	2,210.00	1/4	2,604.30	1/4	2,998.59	1/4	3,392.83	1/4	3,787.05
1/2	263.05	1/2	657.35	1/2	1,044.98	1/2	1,429.61	1/2	1,823.91	1/2	2,218.21	1/2	2,612.51	1/2	3,006.80	1/2	3,401.05	1/2	3,795.26
3/4	271.27	3/4	665.56	3/4	1,052.85	3/4	1,437.82	3/4	1,832.13	3/4	2,226.43	3/4	2,620.73	3/4	3,015.01	3/4	3,409.26	3/4	3,803.47
8	279.48	8	673.77	8	1,060.72	8	1,446.04	8	1,840.34	8	2,234.64	8	2,628.94	8	3,023.23	8	3,417.47	8	3,811.68
1/4	287.70	1/4	681.99	1/4	1,068.58	1/4	1,454.25	1/4	1,848.55	1/4	2,242.86	1/4	2,637.16	1/4	3,031.44	1/4	3,425.69	1/4	3,819.90
1/2	295.91	1/2	690.20	1/2	1,076.45	1/2	1,462.47	1/2	1,856.77	1/2	2,251.07	1/2	2,645.37	1/2	3,039.65	1/2	3,433.90	1/2	3,828.11
3/4	304.13	3/4	698.42	3/4	1,084.32	3/4	1,470.68	3/4	1,864.98	3/4	2,259.28	3/4	2,653.59	3/4	3,047.87	3/4	3,442.12	3/4	3,836.32
9	312.34	9	706.63	9	1,092.19	9	1,478.90	9	1,873.20	9	2,267.50	9	2,661.80	9	3,056.08	9	3,450.33	9	3,844.53
1/4	320.56	1/4	714.85	1/4	1,100.05	1/4	1,487.11	1/4	1,881.41	1/4	2,275.71	1/4	2,670.01	1/4	3,064.29	1/4	3,458.54	1/4	3,852.74
1/2	328.77	1/2	723.06	1/2	1,107.92	1/2	1,495.33	1/2	1,889.63	1/2	2,283.93	1/2	2,678.23	1/2	3,072.51	1/2	3,466.76	1/2	3,860.96
3/4	336.98	3/4	731.27	3/4	1,115.79	3/4	1,503.54	3/4	1,897.84	3/4	2,292.14	3/4	2,686.44	3/4	3,080.72	3/4	3,474.97	3/4	3,869.17
10	345.20	10	739.49	10	1,123.65	10	1,511.76	10	1,906.06	10	2,300.36	10	2,694.66	10	3,088.93	10	3,483.18	10	3,877.38
1/4	353.41	1/4	747.70	1/4	1,131.52	1/4	1,519.97	1/4	1,914.27	1/4	2,308.57	1/4	2,702.87	1/4	3,097.15	1/4	3,491.40	1/4	3,885.59
1/2	361.63	1/2	755.92	1/2	1,139.39	1/2	1,528.19	1/2	1,922.49	1/2	2,316.79	1/2	2,711.09	1/2	3,105.36	1/2	3,499.61	1/2	3,893.81
3/4	369.84	3/4	764.13	3/4	1,147.25	3/4	1,536.40	3/4	1,930.70	3/4	2,325.00	3/4	2,719.30	3/4	3,113.58	3/4	3,507.82	3/4	3,902.02
11	378.06	11	772.35	11	1,155.12	11	1,544.61	11	1,938.92	11	2,333.22	11	2,727.52	11	3,121.79	11	3,516.04	11	3,910.23
1/4	386.27	1/4	780.56	1/4	1,162.99	1/4	1,552.83	1/4	1,947.13	1/4	2,341.43	1/4	2,735.73	1/4	3,130.00	1/4	3,524.25	1/4	3,918.44
1/2	394.48	1/2	788.78	1/2	1,170.86	1/2	1,561.04	1/2	1,955.34	1/2	2,349.64	1/2	2,743.95	1/2	3,138.22	1/2	3,532.46	1/2	3,926.66
3/4	402.70	3/4	796.99	3/4	1,178.72	3/4	1,569.26	3/4	1,963.56	3/4	2,357.86	3/4	2,752.16	3/4	3,146.43	3/4	3,540.67	3/4	3,934.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "MPC 972"

## 2 STBD 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	3,943.08	0	4,337.28	0	4,731.47	0	5,124.78	0	5,515.36	0		0		0		0		0	
1/4	3,951.29	1/4	4,345.49	1/4	4,739.68	1/4	5,132.97	1/4	5,522.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,959.51	1/2	4,353.70	1/2	4,747.90	1/2	5,141.16	1/2	5,529.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,967.72	3/4	4,361.91	3/4	4,756.11	3/4	5,149.35	3/4	5,536.26	3/4		3/4		3/4		3/4		3/4	
1	3,975.93	1	4,370.13	1	4,764.32	1	5,157.54	1	5,543.22	1		1		1		1		1	
1/4	3,984.14	1/4	4,378.34	1/4	4,772.53	1/4	5,165.73	1/4	5,549.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,992.36	1/2	4,386.55	1/2	4,780.75	1/2	5,173.92	1/2	5,554.81	1/2		1/2		1/2		1/2		1/2	
3/4	4,000.57	3/4	4,394.76	3/4	4,788.96	3/4	5,182.10	3/4	5,560.60	3/4		3/4		3/4		3/4		3/4	
2	4,008.78	2	4,402.98	2	4,797.17	2	5,190.29	2	5,566.39	2		2		2		2		2	
1/4	4,016.99	1/4	4,411.19	1/4	4,805.37	1/4	5,198.48	1/4	5,571.01	1/4		1/4		1/4		1/4		1/4	
1/2	4,025.21	1/2	4,419.40	1/2	4,813.58	1/2	5,206.67	1/2	5,575.63	1/2		1/2		1/2		1/2		1/2	
3/4	4,033.42	3/4	4,427.61	3/4	4,821.78	3/4	5,214.86	3/4	5,580.25	3/4		3/4		3/4		3/4		3/4	
3	4,041.63	3	4,435.83	3	4,829.98	3	5,223.05	3		3		3		3		3		3	
1/4	4,049.84	1/4	4,444.04	1/4	4,838.17	1/4	5,231.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,058.05	1/2	4,452.25	1/2	4,846.36	1/2	5,239.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,066.27	3/4	4,460.46	3/4	4,854.55	3/4	5,247.62	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,074.48	4	4,468.67	4	4,862.74	4	5,255.80	4		4		4		4		4		4	
1/4	4,082.69	1/4	4,476.89	1/4	4,870.93	1/4	5,263.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,090.90	1/2	4,485.10	1/2	4,879.11	1/2	5,272.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,099.12	3/4	4,493.31	3/4	4,887.30	3/4	5,280.37	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,107.33	5	4,501.52	5	4,895.49	5	5,288.56	5		5		5		5		5		5	
1/4	4,115.54	1/4	4,509.74	1/4	4,903.68	1/4	5,296.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,123.75	1/2	4,517.95	1/2	4,911.87	1/2	5,304.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,131.97	3/4	4,526.16	3/4	4,920.06	3/4	5,313.13	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,140.18	6	4,534.37	6	4,928.25	6	5,321.32	6		6		6		6		6		6	
1/4	4,148.39	1/4	4,542.59	1/4	4,936.44	1/4	5,329.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,156.60	1/2	4,550.80	1/2	4,944.63	1/2	5,337.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,164.82	3/4	4,559.01	3/4	4,952.81	3/4	5,345.80	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,173.03	7	4,567.22	7	4,961.00	7	5,353.97	7		7		7		7		7		7	
1/4	4,181.24	1/4	4,575.44	1/4	4,969.19	1/4	5,362.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,189.45	1/2	4,583.65	1/2	4,977.38	1/2	5,370.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,197.67	3/4	4,591.86	3/4	4,985.57	3/4	5,378.38	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,205.88	8	4,600.07	8	4,993.76	8	5,386.52	8		8		8		8		8		8	
1/4	4,214.09	1/4	4,608.29	1/4	5,001.95	1/4	5,394.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,222.30	1/2	4,616.50	1/2	5,010.14	1/2	5,402.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,230.52	3/4	4,624.71	3/4	5,018.33	3/4	5,410.93	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,238.73	9	4,632.92	9	5,026.51	9	5,419.07	9		9		9		9		9		9	
1/4	4,246.94	1/4	4,641.14	1/4	5,034.70	1/4	5,427.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,255.15	1/2	4,649.35	1/2	5,042.89	1/2	5,435.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,263.36	3/4	4,657.56	3/4	5,051.08	3/4	5,443.47	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,271.58	10	4,665.77	10	5,059.27	10	5,451.60	10		10		10		10		10		10	
1/4	4,279.79	1/4	4,673.98	1/4	5,067.46	1/4	5,459.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,288.00	1/2	4,682.20	1/2	5,075.65	1/2	5,467.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,296.21	3/4	4,690.41	3/4	5,083.84	3/4	5,475.95	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,304.43	11	4,698.62	11	5,092.03	11	5,484.06	11		11		11		11		11		11	
1/4	4,312.64	1/4	4,706.83	1/4	5,100.22	1/4	5,491.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,320.85	1/2	4,715.05	1/2	5,108.40	1/2	5,499.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,329.06	3/4	4,723.26	3/4	5,116.59	3/4	5,507.54	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 10/14/2013 CL - SW  
CALCULATED: 10/15/2013 CL  
PRINTED: 10/15/2013 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 972"

## 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	27.02	0	409.56	0	802.55	0	1,195.11	0	1,588.03	0	1,981.03	0	2,374.02	0	2,766.99	0	3,159.75	0	3,552.40
1/4	33.16	1/4	417.75	1/4	810.74	1/4	1,203.29	1/4	1,596.22	1/4	1,989.22	1/4	2,382.21	1/4	2,775.18	1/4	3,167.93	1/4	3,560.57
1/2	39.30	1/2	425.93	1/2	818.92	1/2	1,211.47	1/2	1,604.40	1/2	1,997.40	1/2	2,390.39	1/2	2,783.36	1/2	3,176.11	1/2	3,568.74
3/4	45.44	3/4	434.12	3/4	827.11	3/4	1,219.64	3/4	1,612.59	3/4	2,005.59	3/4	2,398.58	3/4	2,791.55	3/4	3,184.29	3/4	3,576.90
1	51.58	1	442.31	1	835.30	1	1,227.82	1	1,620.78	1	2,013.78	1	2,406.77	1	2,799.74	1	3,192.47	1	3,585.07
1/4	59.23	1/4	450.49	1/4	843.48	1/4	1,236.00	1/4	1,628.97	1/4	2,021.97	1/4	2,414.95	1/4	2,807.93	1/4	3,200.65	1/4	3,593.24
1/2	66.89	1/2	458.68	1/2	851.67	1/2	1,244.18	1/2	1,637.15	1/2	2,030.15	1/2	2,423.14	1/2	2,816.11	1/2	3,208.83	1/2	3,601.41
3/4	74.54	3/4	466.87	3/4	859.86	3/4	1,252.36	3/4	1,645.34	3/4	2,038.34	3/4	2,431.33	3/4	2,824.30	3/4	3,217.02	3/4	3,609.58
2	82.20	2	475.06	2	868.05	2	1,260.54	2	1,653.53	2	2,046.53	2	2,439.51	2	2,832.49	2	3,225.20	2	3,617.75
1/4	90.36	1/4	483.24	1/4	876.23	1/4	1,268.73	1/4	1,661.72	1/4	2,054.72	1/4	2,447.70	1/4	2,840.67	1/4	3,233.38	1/4	3,625.92
1/2	98.52	1/2	491.43	1/2	884.42	1/2	1,276.91	1/2	1,669.90	1/2	2,062.90	1/2	2,455.89	1/2	2,848.86	1/2	3,241.56	1/2	3,634.09
3/4	106.68	3/4	499.62	3/4	892.61	3/4	1,285.10	3/4	1,678.09	3/4	2,071.09	3/4	2,464.08	3/4	2,857.05	3/4	3,249.74	3/4	3,642.25
3	114.84	3	507.81	3	900.80	3	1,293.28	3	1,686.28	3	2,079.28	3	2,472.26	3	2,865.23	3	3,257.92	3	3,650.42
1/4	123.03	1/4	515.99	1/4	908.98	1/4	1,301.47	1/4	1,694.47	1/4	2,087.47	1/4	2,480.45	1/4	2,873.42	1/4	3,266.10	1/4	3,658.59
1/2	131.21	1/2	524.18	1/2	917.17	1/2	1,309.65	1/2	1,702.65	1/2	2,095.65	1/2	2,488.64	1/2	2,881.60	1/2	3,274.28	1/2	3,666.76
3/4	139.39	3/4	532.37	3/4	925.36	3/4	1,317.84	3/4	1,710.84	3/4	2,103.84	3/4	2,496.82	3/4	2,889.79	3/4	3,282.46	3/4	3,674.93
4	147.57	4	540.55	4	933.54	4	1,326.03	4	1,719.03	4	2,112.03	4	2,505.01	4	2,897.97	4	3,290.64	4	3,683.10
1/4	155.75	1/4	548.74	1/4	941.72	1/4	1,334.22	1/4	1,727.22	1/4	2,120.22	1/4	2,513.20	1/4	2,906.15	1/4	3,298.82	1/4	3,691.27
1/2	163.94	1/2	556.93	1/2	949.90	1/2	1,342.40	1/2	1,735.40	1/2	2,128.40	1/2	2,521.38	1/2	2,914.33	1/2	3,307.00	1/2	3,699.44
3/4	172.13	3/4	565.12	3/4	958.08	3/4	1,350.59	3/4	1,743.59	3/4	2,136.59	3/4	2,529.57	3/4	2,922.51	3/4	3,315.18	3/4	3,707.61
5	180.31	5	573.30	5	966.26	5	1,358.78	5	1,751.78	5	2,144.78	5	2,537.76	5	2,930.69	5	3,323.36	5	3,715.78
1/4	188.50	1/4	581.49	1/4	974.43	1/4	1,366.97	1/4	1,759.97	1/4	2,152.97	1/4	2,545.94	1/4	2,938.87	1/4	3,331.54	1/4	3,723.95
1/2	196.69	1/2	589.68	1/2	982.61	1/2	1,375.15	1/2	1,768.15	1/2	2,161.15	1/2	2,554.13	1/2	2,947.06	1/2	3,339.72	1/2	3,732.11
3/4	204.88	3/4	597.87	3/4	990.78	3/4	1,383.34	3/4	1,776.34	3/4	2,169.34	3/4	2,562.32	3/4	2,955.24	3/4	3,347.90	3/4	3,740.28
6	213.06	6	606.05	6	998.95	6	1,391.53	6	1,784.53	6	2,177.53	6	2,570.50	6	2,963.42	6	3,356.09	6	3,748.45
1/4	221.25	1/4	614.24	1/4	1,007.13	1/4	1,399.72	1/4	1,792.72	1/4	2,185.72	1/4	2,578.69	1/4	2,971.60	1/4	3,364.27	1/4	3,756.74
1/2	229.44	1/2	622.43	1/2	1,015.30	1/2	1,407.90	1/2	1,800.90	1/2	2,193.90	1/2	2,586.88	1/2	2,979.78	1/2	3,372.45	1/2	3,763.03
3/4	237.62	3/4	630.61	3/4	1,023.47	3/4	1,416.09	3/4	1,809.09	3/4	2,202.09	3/4	2,595.07	3/4	2,987.96	3/4	3,380.63	3/4	3,770.32
7	245.81	7	638.80	7	1,031.65	7	1,424.28	7	1,817.28	7	2,210.28	7	2,603.25	7	2,996.14	7	3,388.81	7	3,777.60
1/4	254.00	1/4	646.99	1/4	1,039.82	1/4	1,432.47	1/4	1,825.47	1/4	2,218.47	1/4	2,611.44	1/4	3,004.32	1/4	3,396.99	1/4	3,784.01
1/2	262.19	1/2	655.18	1/2	1,047.99	1/2	1,440.65	1/2	1,833.65	1/2	2,226.65	1/2	2,619.63	1/2	3,012.50	1/2	3,405.17	1/2	3,790.42
3/4	270.37	3/4	663.36	3/4	1,056.17	3/4	1,448.84	3/4	1,841.84	3/4	2,234.84	3/4	2,627.81	3/4	3,020.68	3/4	3,413.35	3/4	3,796.82
8	278.56	8	671.55	8	1,064.34	8	1,457.03	8	1,850.03	8	2,243.03	8	2,636.00	8	3,028.86	8	3,421.53	8	3,803.23
1/4	286.75	1/4	679.74	1/4	1,072.51	1/4	1,465.22	1/4	1,858.22	1/4	2,251.22	1/4	2,644.19	1/4	3,037.04	1/4	3,429.71	1/4	3,809.64
1/2	294.94	1/2	687.93	1/2	1,080.69	1/2	1,473.40	1/2	1,866.40	1/2	2,259.40	1/2	2,652.37	1/2	3,045.22	1/2	3,437.89	1/2	3,816.04
3/4	303.12	3/4	696.11	3/4	1,088.86	3/4	1,481.59	3/4	1,874.59	3/4	2,267.59	3/4	2,660.56	3/4	3,053.40	3/4	3,446.07	3/4	3,822.45
9	311.31	9	704.30	9	1,097.03	9	1,489.78	9	1,882.78	9	2,275.78	9	2,668.75	9	3,061.58	9	3,454.25	9	3,828.86
1/4	319.50	1/4	712.49	1/4	1,105.21	1/4	1,497.97	1/4	1,890.97	1/4	2,283.97	1/4	2,676.93	1/4	3,069.76	1/4	3,462.43	1/4	3,835.26
1/2	327.68	1/2	720.68	1/2	1,113.38	1/2	1,506.15	1/2	1,899.15	1/2	2,292.15	1/2	2,685.12	1/2	3,077.94	1/2	3,470.61	1/2	3,841.67
3/4	335.87	3/4	728.86	3/4	1,121.55	3/4	1,514.34	3/4	1,907.34	3/4	2,300.34	3/4	2,693.31	3/4	3,086.13	3/4	3,478.79	3/4	3,848.08
10	344.06	10	737.05	10	1,129.73	10	1,522.53	10	1,915.53	10	2,308.53	10	2,701.50	10	3,094.31	10	3,486.97	10	3,854.48
1/4	352.25	1/4	745.24	1/4	1,137.90	1/4	1,530.72	1/4	1,923.72	1/4	2,316.71	1/4	2,709.68	1/4	3,102.49	1/4	3,495.16	1/4	3,860.89
1/2	360.43	1/2	753.42	1/2	1,146.07	1/2	1,538.90	1/2	1,931.90	1/2	2,324.90	1/2	2,717.87	1/2	3,110.67	1/2	3,503.34	1/2	3,867.30
3/4	368.62	3/4	761.61	3/4	1,154.25	3/4	1,547.09	3/4	1,940.09	3/4	2,333.09	3/4	2,726.06	3/4	3,118.85	3/4	3,511.52	3/4	3,873.70
11	376.81	11	769.80	11	1,162.42	11	1,555.28	11	1,948.28	11	2,341.27	11	2,734.24	11	3,127.03	11	3,519.70	11	3,880.11
1/4	385.00	1/4	777.99	1/4	1,170.59	1/4	1,563.47	1/4	1,956.47	1/4	2,349.46	1/4	2,742.43	1/4	3,135.21	1/4	3,527.87	1/4	3,886.53
1/2	393.18	1/2	786.17	1/2	1,178.77	1/2	1,571.65	1/2	1,964.65	1/2	2,357.65	1/2	2,750.62	1/2	3,143.39	1/2	3,536.05	1/2	3,892.94
3/4	401.37	3/4	794.36	3/4	1,186.94	3/4	1,579.84	3/4	1,972.84	3/4	2,365.83	3/4	2,758.80	3/4	3,151.57	3/4	3,544.22	3/4	3,899.35

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MPC 972"

## 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.	
0	3,905.77	0	4,214.08	0	4,517.81	0	4,820.65	0	5,121.07	0		0		0		0		0	
1/4	3,912.19	1/4	4,220.45	1/4	4,524.13	1/4	4,826.95	1/4	5,126.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,918.62	1/2	4,226.83	1/2	4,530.45	1/2	4,833.26	1/2	5,131.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,925.04	3/4	4,233.20	3/4	4,536.78	3/4	4,839.56	3/4	5,136.36	3/4		3/4		3/4		3/4		3/4	
1	3,931.46	1	4,239.57	1	4,543.10	1	4,845.87	1	5,141.46	1		1		1		1		1	
1/4	3,937.88	1/4	4,245.90	1/4	4,549.42	1/4	4,852.17	1/4	5,146.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,944.31	1/2	4,252.22	1/2	4,555.75	1/2	4,858.48	1/2	5,151.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,950.73	3/4	4,258.54	3/4	4,562.07	3/4	4,864.78	3/4	5,155.88	3/4		3/4		3/4		3/4		3/4	
2	3,957.15	2	4,264.87	2	4,568.39	2	4,871.09	2	5,160.69	2		2		2		2		2	
1/4	3,963.58	1/4	4,271.19	1/4	4,574.71	1/4	4,877.39	1/4	5,165.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,970.00	1/2	4,277.51	1/2	4,581.02	1/2	4,883.70	1/2	5,169.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,976.42	3/4	4,283.84	3/4	4,587.34	3/4	4,890.00	3/4	5,174.26	3/4		3/4		3/4		3/4		3/4	
3	3,982.85	3	4,290.16	3	4,593.65	3	4,896.31	3		3		3		3		3		3	
1/4	3,989.27	1/4	4,296.48	1/4	4,599.96	1/4	4,902.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,995.69	1/2	4,302.81	1/2	4,606.26	1/2	4,908.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,002.12	3/4	4,309.13	3/4	4,612.57	3/4	4,915.23	3/4		3/4		3/4		3/4		3/4		3/4	
4	4,008.54	4	4,315.45	4	4,618.87	4	4,921.53	4		4		4		4		4		4	
1/4	4,014.96	1/4	4,321.78	1/4	4,625.18	1/4	4,927.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,021.38	1/2	4,328.10	1/2	4,631.48	1/2	4,934.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,027.81	3/4	4,334.43	3/4	4,637.79	3/4	4,940.45	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,034.23	5	4,340.75	5	4,644.09	5	4,946.75	5		5		5		5		5		5	
1/4	4,040.65	1/4	4,347.07	1/4	4,650.40	1/4	4,953.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,047.08	1/2	4,353.40	1/2	4,656.70	1/2	4,959.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,053.50	3/4	4,359.72	3/4	4,663.01	3/4	4,965.67	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,059.92	6	4,366.04	6	4,669.32	6	4,971.97	6		6		6		6		6		6	
1/4	4,066.35	1/4	4,372.37	1/4	4,675.62	1/4	4,978.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,072.77	1/2	4,378.69	1/2	4,681.93	1/2	4,984.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,079.19	3/4	4,385.01	3/4	4,688.23	3/4	4,990.83	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,085.62	7	4,391.34	7	4,694.54	7	4,997.11	7		7		7		7		7		7	
1/4	4,092.04	1/4	4,397.66	1/4	4,700.84	1/4	5,003.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,098.46	1/2	4,403.98	1/2	4,707.15	1/2	5,009.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,104.89	3/4	4,410.31	3/4	4,713.45	3/4	5,015.91	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,111.31	8	4,416.63	8	4,719.76	8	5,022.18	8		8		8		8		8		8	
1/4	4,117.73	1/4	4,422.95	1/4	4,726.06	1/4	5,028.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,124.15	1/2	4,429.28	1/2	4,732.37	1/2	5,034.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,130.58	3/4	4,435.60	3/4	4,738.68	3/4	5,040.97	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,137.00	9	4,441.92	9	4,744.98	9	5,047.24	9		9		9		9		9		9	
1/4	4,143.42	1/4	4,448.25	1/4	4,751.29	1/4	5,053.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,149.85	1/2	4,454.57	1/2	4,757.59	1/2	5,059.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,156.27	3/4	4,460.90	3/4	4,763.90	3/4	5,066.02	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,162.69	10	4,467.22	10	4,770.20	10	5,072.28	10		10		10		10		10		10	
1/4	4,169.12	1/4	4,473.54	1/4	4,776.51	1/4	5,078.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,175.54	1/2	4,479.87	1/2	4,782.81	1/2	5,084.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,181.96	3/4	4,486.19	3/4	4,789.12	3/4	5,091.01	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,188.39	11	4,492.51	11	4,795.42	11	5,097.25	11		11		11		11		11		11	
1/4	4,194.81	1/4	4,498.84	1/4	4,801.73	1/4	5,103.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,201.23	1/2	4,505.16	1/2	4,808.03	1/2	5,109.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,207.65	3/4	4,511.48	3/4	4,814.34	3/4	5,115.12	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/14/2013 CL - SW  
CALCULATED: 10/15/2013 CL  
PRINTED: 10/15/2013 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 972"

## 3 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	27.01	0	408.93	0	801.17	0	1,180.89	0	1,569.51	0	1,961.10	0	2,353.06	0	2,745.11	0	3,136.94	0	3,528.66
1/4	33.15	1/4	417.10	1/4	809.34	1/4	1,188.72	1/4	1,577.68	1/4	1,969.27	1/4	2,361.22	1/4	2,753.27	1/4	3,145.10	1/4	3,536.81
1/2	39.28	1/2	425.27	1/2	817.52	1/2	1,196.56	1/2	1,585.84	1/2	1,977.43	1/2	2,369.39	1/2	2,761.44	1/2	3,153.26	1/2	3,544.96
3/4	45.42	3/4	433.44	3/4	825.69	3/4	1,204.40	3/4	1,594.00	3/4	1,985.59	3/4	2,377.56	3/4	2,769.61	3/4	3,161.42	3/4	3,553.11
1	51.56	1	441.61	1	833.86	1	1,212.24	1	1,602.17	1	1,993.75	1	2,385.73	1	2,777.78	1	3,169.59	1	3,561.26
1/4	59.21	1/4	449.78	1/4	842.03	1/4	1,220.08	1/4	1,610.33	1/4	2,001.92	1/4	2,393.89	1/4	2,785.94	1/4	3,177.75	1/4	3,569.41
1/2	66.86	1/2	457.96	1/2	850.20	1/2	1,227.92	1/2	1,618.50	1/2	2,010.08	1/2	2,402.06	1/2	2,794.11	1/2	3,185.91	1/2	3,577.56
3/4	74.51	3/4	466.13	3/4	858.37	3/4	1,235.77	3/4	1,626.66	3/4	2,018.24	3/4	2,410.23	3/4	2,802.28	3/4	3,194.07	3/4	3,585.71
2	82.16	2	474.30	2	866.55	2	1,243.61	2	1,634.82	2	2,026.40	2	2,418.40	2	2,810.45	2	3,202.23	2	3,593.86
1/4	90.31	1/4	482.47	1/4	874.57	1/4	1,251.61	1/4	1,642.99	1/4	2,034.56	1/4	2,426.56	1/4	2,818.61	1/4	3,210.39	1/4	3,602.01
1/2	98.47	1/2	490.64	1/2	882.59	1/2	1,259.61	1/2	1,651.15	1/2	2,042.73	1/2	2,434.73	1/2	2,826.78	1/2	3,218.55	1/2	3,610.16
3/4	106.62	3/4	498.82	3/4	890.61	3/4	1,267.62	3/4	1,659.31	3/4	2,050.89	3/4	2,442.90	3/4	2,834.95	3/4	3,226.72	3/4	3,618.31
3	114.77	3	506.99	3	898.63	3	1,275.62	3	1,667.48	3	2,059.05	3	2,451.07	3	2,843.12	3	3,234.88	3	3,626.46
1/4	122.93	1/4	515.16	1/4	906.50	1/4	1,283.78	1/4	1,675.64	1/4	2,067.21	1/4	2,459.24	1/4	2,851.28	1/4	3,243.04	1/4	3,634.61
1/2	131.10	1/2	523.33	1/2	914.36	1/2	1,291.95	1/2	1,683.80	1/2	2,075.38	1/2	2,467.40	1/2	2,859.45	1/2	3,251.20	1/2	3,642.76
3/4	139.27	3/4	531.50	3/4	922.23	3/4	1,300.11	3/4	1,691.96	3/4	2,083.54	3/4	2,475.57	3/4	2,867.61	3/4	3,259.36	3/4	3,650.91
4	147.43	4	539.67	4	930.10	4	1,308.28	4	1,700.12	4	2,091.70	4	2,483.74	4	2,875.78	4	3,267.52	4	3,659.06
1/4	155.60	1/4	547.85	1/4	937.95	1/4	1,316.44	1/4	1,708.27	1/4	2,099.86	1/4	2,491.91	1/4	2,883.94	1/4	3,275.68	1/4	3,667.21
1/2	163.77	1/2	556.02	1/2	945.80	1/2	1,324.60	1/2	1,716.43	1/2	2,108.03	1/2	2,500.07	1/2	2,892.10	1/2	3,283.85	1/2	3,675.36
3/4	171.94	3/4	564.19	3/4	953.65	3/4	1,332.77	3/4	1,724.58	3/4	2,116.19	3/4	2,508.24	3/4	2,900.26	3/4	3,292.01	3/4	3,683.51
5	180.11	5	572.36	5	961.51	5	1,340.93	5	1,732.74	5	2,124.36	5	2,516.41	5	2,908.42	5	3,300.17	5	3,691.66
1/4	188.29	1/4	580.53	1/4	969.34	1/4	1,349.09	1/4	1,740.89	1/4	2,132.52	1/4	2,524.58	1/4	2,916.58	1/4	3,308.33	1/4	3,699.81
1/2	196.46	1/2	588.70	1/2	977.18	1/2	1,357.26	1/2	1,749.05	1/2	2,140.69	1/2	2,532.75	1/2	2,924.74	1/2	3,316.49	1/2	3,707.96
3/4	204.63	3/4	596.88	3/4	985.01	3/4	1,365.42	3/4	1,757.21	3/4	2,148.86	3/4	2,540.91	3/4	2,932.91	3/4	3,324.65	3/4	3,716.11
6	212.80	6	605.05	6	992.85	6	1,373.58	6	1,765.36	6	2,157.02	6	2,549.08	6	2,941.07	6	3,332.81	6	3,724.26
1/4	220.97	1/4	613.22	1/4	1,000.68	1/4	1,381.75	1/4	1,773.52	1/4	2,165.19	1/4	2,557.25	1/4	2,949.23	1/4	3,340.98	1/4	3,731.52
1/2	229.15	1/2	621.39	1/2	1,008.52	1/2	1,389.91	1/2	1,781.67	1/2	2,173.36	1/2	2,565.42	1/2	2,957.39	1/2	3,349.14	1/2	3,738.79
3/4	237.32	3/4	629.56	3/4	1,016.35	3/4	1,398.08	3/4	1,789.83	3/4	2,181.53	3/4	2,573.58	3/4	2,965.55	3/4	3,357.30	3/4	3,746.06
7	245.49	7	637.74	7	1,024.19	7	1,406.24	7	1,797.98	7	2,189.69	7	2,581.75	7	2,973.71	7	3,365.46	7	3,753.33
1/4	253.66	1/4	645.91	1/4	1,032.02	1/4	1,414.40	1/4	1,806.14	1/4	2,197.86	1/4	2,589.92	1/4	2,981.87	1/4	3,373.62	1/4	3,759.73
1/2	261.83	1/2	654.08	1/2	1,039.86	1/2	1,422.57	1/2	1,814.29	1/2	2,206.03	1/2	2,598.09	1/2	2,990.04	1/2	3,381.78	1/2	3,766.12
3/4	270.00	3/4	662.25	3/4	1,047.69	3/4	1,430.73	3/4	1,822.45	3/4	2,214.20	3/4	2,606.25	3/4	2,998.20	3/4	3,389.94	3/4	3,772.52
8	278.18	8	670.42	8	1,055.53	8	1,438.89	8	1,830.60	8	2,222.37	8	2,614.42	8	3,006.36	8	3,398.11	8	3,778.91
1/4	286.35	1/4	678.59	1/4	1,063.36	1/4	1,447.06	1/4	1,838.76	1/4	2,230.54	1/4	2,622.59	1/4	3,014.52	1/4	3,406.27	1/4	3,785.31
1/2	294.52	1/2	686.77	1/2	1,071.20	1/2	1,455.22	1/2	1,846.91	1/2	2,238.70	1/2	2,630.76	1/2	3,022.68	1/2	3,414.43	1/2	3,791.72
3/4	302.69	3/4	694.94	3/4	1,079.03	3/4	1,463.39	3/4	1,855.07	3/4	2,246.87	3/4	2,638.93	3/4	3,030.84	3/4	3,422.59	3/4	3,798.12
9	310.86	9	703.11	9	1,086.87	9	1,471.55	9	1,863.23	9	2,255.04	9	2,647.09	9	3,039.00	9	3,430.75	9	3,804.52
1/4	319.04	1/4	711.28	1/4	1,094.70	1/4	1,479.71	1/4	1,871.38	1/4	2,263.21	1/4	2,655.26	1/4	3,047.17	1/4	3,438.91	1/4	3,810.92
1/2	327.21	1/2	719.45	1/2	1,102.54	1/2	1,487.88	1/2	1,879.54	1/2	2,271.38	1/2	2,663.43	1/2	3,055.33	1/2	3,447.07	1/2	3,817.32
3/4	335.38	3/4	727.63	3/4	1,110.37	3/4	1,496.04	3/4	1,887.69	3/4	2,279.55	3/4	2,671.60	3/4	3,063.49	3/4	3,455.24	3/4	3,823.72
10	343.55	10	735.80	10	1,118.21	10	1,504.20	10	1,895.85	10	2,287.71	10	2,679.76	10	3,071.65	10	3,463.40	10	3,830.13
1/4	351.72	1/4	743.97	1/4	1,126.04	1/4	1,512.37	1/4	1,904.00	1/4	2,295.88	1/4	2,687.93	1/4	3,079.81	1/4	3,471.56	1/4	3,836.53
1/2	359.89	1/2	752.14	1/2	1,133.88	1/2	1,520.53	1/2	1,912.16	1/2	2,304.05	1/2	2,696.10	1/2	3,087.97	1/2	3,479.72	1/2	3,842.93
3/4	368.07	3/4	760.31	3/4	1,141.71	3/4	1,528.70	3/4	1,920.31	3/4	2,312.22	3/4	2,704.27	3/4	3,096.13	3/4	3,487.88	3/4	3,849.33
11	376.24	11	768.48	11	1,149.55	11	1,536.86	11	1,928.47	11	2,320.38	11	2,712.43	11	3,104.29	11	3,496.04	11	3,855.73
1/4	384.41	1/4	776.66	1/4	1,157.38	1/4	1,545.02	1/4	1,936.63	1/4	2,328.55	1/4	2,720.60	1/4	3,112.46	1/4	3,504.20	1/4	3,862.14
1/2	392.58	1/2	784.83	1/2	1,165.22	1/2	1,553.19	1/2	1,944.79	1/2	2,336.72	1/2	2,728.77	1/2	3,120.62	1/2	3,512.35	1/2	3,868.56
3/4	400.75	3/4	793.00	3/4	1,173.05	3/4	1,561.35	3/4	1,952.95	3/4	2,344.89	3/4	2,736.94	3/4	3,128.78	3/4	3,520.51	3/4	3,874.97

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 972"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE 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	3,881.38	0	4,189.57	0	4,493.18	0	4,795.91	0	5,096.23	0		0		0		0		0	
1/4	3,887.80	1/4	4,195.94	1/4	4,499.50	1/4	4,802.21	1/4	5,101.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,894.22	1/2	4,202.31	1/2	4,505.83	1/2	4,808.51	1/2	5,106.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,900.64	3/4	4,208.68	3/4	4,512.15	3/4	4,814.82	3/4	5,111.51	3/4		3/4		3/4		3/4		3/4	
1	3,907.06	1	4,215.05	1	4,518.47	1	4,821.12	1	5,116.61	1		1		1		1		1	
1/4	3,913.48	1/4	4,221.38	1/4	4,524.79	1/4	4,827.42	1/4	5,121.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,919.90	1/2	4,227.70	1/2	4,531.11	1/2	4,833.73	1/2	5,126.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,926.32	3/4	4,234.02	3/4	4,537.43	3/4	4,840.03	3/4	5,131.03	3/4		3/4		3/4		3/4		3/4	
2	3,932.74	2	4,240.34	2	4,543.75	2	4,846.33	2	5,135.84	2		2		2		2		2	
1/4	3,939.16	1/4	4,246.66	1/4	4,550.06	1/4	4,852.63	1/4	5,140.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,945.58	1/2	4,252.98	1/2	4,556.38	1/2	4,858.94	1/2	5,144.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,952.01	3/4	4,259.30	3/4	4,562.69	3/4	4,865.24	3/4	5,149.39	3/4		3/4		3/4		3/4		3/4	
3	3,958.43	3	4,265.62	3	4,569.00	3	4,871.54	3		3		3		3		3		3	
1/4	3,964.85	1/4	4,271.94	1/4	4,575.30	1/4	4,877.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,971.27	1/2	4,278.27	1/2	4,581.61	1/2	4,884.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,977.69	3/4	4,284.59	3/4	4,587.91	3/4	4,890.45	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,984.11	4	4,290.91	4	4,594.21	4	4,896.76	4		4		4		4		4		4	
1/4	3,990.53	1/4	4,297.23	1/4	4,600.51	1/4	4,903.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,996.95	1/2	4,303.55	1/2	4,606.82	1/2	4,909.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,003.37	3/4	4,309.87	3/4	4,613.12	3/4	4,915.66	3/4		3/4		3/4		3/4		3/4		3/4	
5	4,009.79	5	4,316.19	5	4,619.42	5	4,921.97	5		5		5		5		5		5	
1/4	4,016.21	1/4	4,322.51	1/4	4,625.73	1/4	4,928.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,022.63	1/2	4,328.83	1/2	4,632.03	1/2	4,934.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,029.05	3/4	4,335.16	3/4	4,638.33	3/4	4,940.88	3/4		3/4		3/4		3/4		3/4		3/4	
6	4,035.47	6	4,341.48	6	4,644.64	6	4,947.18	6		6		6		6		6		6	
1/4	4,041.89	1/4	4,347.80	1/4	4,650.94	1/4	4,953.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,048.31	1/2	4,354.12	1/2	4,657.24	1/2	4,959.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,054.74	3/4	4,360.44	3/4	4,663.54	3/4	4,966.03	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,061.16	7	4,366.76	7	4,669.85	7	4,972.31	7		7		7		7		7		7	
1/4	4,067.58	1/4	4,373.08	1/4	4,676.15	1/4	4,978.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,074.00	1/2	4,379.40	1/2	4,682.45	1/2	4,984.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,080.42	3/4	4,385.72	3/4	4,688.76	3/4	4,991.10	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,086.84	8	4,392.05	8	4,695.06	8	4,997.36	8		8		8		8		8		8	
1/4	4,093.26	1/4	4,398.37	1/4	4,701.36	1/4	5,003.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,099.68	1/2	4,404.69	1/2	4,707.67	1/2	5,009.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,106.10	3/4	4,411.01	3/4	4,713.97	3/4	5,016.15	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,112.52	9	4,417.33	9	4,720.27	9	5,022.42	9		9		9		9		9		9	
1/4	4,118.94	1/4	4,423.65	1/4	4,726.57	1/4	5,028.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,125.36	1/2	4,429.97	1/2	4,732.88	1/2	5,034.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,131.78	3/4	4,436.29	3/4	4,739.18	3/4	5,041.20	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,138.20	10	4,442.61	10	4,745.48	10	5,047.46	10		10		10		10		10		10	
1/4	4,144.62	1/4	4,448.94	1/4	4,751.79	1/4	5,053.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,151.04	1/2	4,455.26	1/2	4,758.09	1/2	5,059.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,157.46	3/4	4,461.58	3/4	4,764.39	3/4	5,066.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,163.89	11	4,467.90	11	4,770.70	11	5,072.42	11		11		11		11		11		11	
1/4	4,170.31	1/4	4,474.22	1/4	4,777.00	1/4	5,078.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,176.73	1/2	4,480.54	1/2	4,783.30	1/2	5,084.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,183.15	3/4	4,486.86	3/4	4,789.60	3/4	5,090.28	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/14/2013 CL - SW  
CALCULATED: 10/15/2013 CL  
PRINTED: 10/15/2013 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 972"

## 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: 10/14/2013 CL - SW  
CALCULATED: 10/15/2013 CL  
PRINTED: 10/15/2013 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 972"

## 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: 10/14/2013 CL - SW  
CALCULATED: 10/15/2013 CL  
PRINTED: 10/15/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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