



BARGE "MPC 1010"

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 CENTER	- 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 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 165'-03"

January 14, 2015

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "MPC 1010"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN WHOLE GALLONS

GAUGE HEIGHT 4'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	351	0	702	0	1,052	0		0		0		0		0		0	
1/4	7	1/4	358	1/4	709	1/4	1,060	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	15	1/2	365	1/2	716	1/2	1,067	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	373	3/4	724	3/4	1,074	3/4		3/4		3/4		3/4		3/4		3/4	
1	29	1	380	1	731	1	1,082	1		1		1		1		1		1	
1/4	37	1/4	387	1/4	738	1/4	1,089	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	395	1/2	745	1/2	1,096	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	51	3/4	402	3/4	753	3/4	1,104	3/4		3/4		3/4		3/4		3/4		3/4	
2	58	2	409	2	760	2	1,111	2		2		2		2		2		2	
1/4	66	1/4	417	1/4	767	1/4	1,118	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	424	1/2	775	1/2	1,126	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	80	3/4	431	3/4	782	3/4	1,133	3/4		3/4		3/4		3/4		3/4		3/4	
3	88	3	439	3	789	3	1,140	3		3		3		3		3		3	
1/4	95	1/4	446	1/4	797	1/4	1,147	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	102	1/2	453	1/2	804	1/2	1,155	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110	3/4	460	3/4	811	3/4	1,162	3/4		3/4		3/4		3/4		3/4		3/4	
4	117	4	468	4	819	4	1,169	4		4		4		4		4		4	
1/4	124	1/4	475	1/4	826	1/4	1,177	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	482	1/2	833	1/2	1,184	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	490	3/4	841	3/4	1,191	3/4		3/4		3/4		3/4		3/4		3/4	
5	146	5	497	5	848	5	1,199	5		5		5		5		5		5	
1/4	153	1/4	504	1/4	855	1/4	1,206	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161	1/2	512	1/2	862	1/2	1,213	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168	3/4	519	3/4	870	3/4	1,221	3/4		3/4		3/4		3/4		3/4		3/4	
6	175	6	526	6	877	6	1,228	6		6		6		6		6		6	
1/4	183	1/4	534	1/4	884	1/4	1,235	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	190	1/2	541	1/2	892	1/2	1,242	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	197	3/4	548	3/4	899	3/4	1,250	3/4		3/4		3/4		3/4		3/4		3/4	
7	205	7	555	7	906	7	1,257	7		7		7		7		7		7	
1/4	212	1/4	563	1/4	914	1/4	1,264	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	219	1/2	570	1/2	921	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	227	3/4	577	3/4	928	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	234	8	585	8	936	8		8		8		8		8		8		8	
1/4	241	1/4	592	1/4	943	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	248	1/2	599	1/2	950	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	256	3/4	607	3/4	957	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	263	9	614	9	965	9		9		9		9		9		9		9	
1/4	270	1/4	621	1/4	972	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	278	1/2	629	1/2	979	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	285	3/4	636	3/4	987	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	292	10	643	10	994	10		10		10		10		10		10		10	
1/4	300	1/4	650	1/4	1,001	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	307	1/2	658	1/2	1,009	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	314	3/4	665	3/4	1,016	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	322	11	672	11	1,023	11		11		11		11		11		11		11	
1/4	329	1/4	680	1/4	1,031	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	336	1/2	687	1/2	1,038	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	344	3/4	694	3/4	1,045	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE

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CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2015

PRECISION MEASUREMENT
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BARGE "MPC 1010"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN WHOLE GALLONS

GAUGE HEIGHT 3'-10"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	85	0	213	0	328	0		0		0		0		0		0	
1/4	1	1/4	87	1/4	215	1/4	330	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	90	1/2	218	1/2	332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	92	3/4	221	3/4	334	3/4		3/4		3/4		3/4		3/4		3/4	
1	2	1	95	1	223	1	336	1		1		1		1		1		1	
1/4	3	1/4	97	1/4	226	1/4	337	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4	1/2	100	1/2	229	1/2	339	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5	3/4	102	3/4	231	3/4	341	3/4		3/4		3/4		3/4		3/4		3/4	
2	6	2	105	2	234	2	342	2		2		2		2		2		2	
1/4	8	1/4	108	1/4	237	1/4	344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	9	1/2	110	1/2	239	1/2	345	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	10	3/4	113	3/4	242	3/4	347	3/4		3/4		3/4		3/4		3/4		3/4	
3	11	3	115	3	244	3	348	3		3		3		3		3		3	
1/4	13	1/4	118	1/4	247	1/4	350	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	14	1/2	121	1/2	250	1/2	351	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	16	3/4	123	3/4	252	3/4	352	3/4		3/4		3/4		3/4		3/4		3/4	
4	17	4	126	4	255	4	354	4		4		4		4		4		4	
1/4	19	1/4	129	1/4	257	1/4	355	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	131	1/2	260	1/2	356	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	134	3/4	262	3/4	357	3/4		3/4		3/4		3/4		3/4		3/4	
5	24	5	137	5	265	5	358	5		5		5		5		5		5	
1/4	26	1/4	139	1/4	268	1/4	358	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	28	1/2	142	1/2	270	1/2	359	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	30	3/4	145	3/4	273	3/4	359	3/4		3/4		3/4		3/4		3/4		3/4	
6	32	6	147	6	275	6	360	6		6		6		6		6		6	
1/4	34	1/4	150	1/4	277	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	35	1/2	153	1/2	280	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	37	3/4	155	3/4	282	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	39	7	158	7	285	7		7		7		7		7		7		7	
1/4	42	1/4	161	1/4	287	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	164	1/2	289	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	46	3/4	166	3/4	292	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	48	8	169	8	294	8		8		8		8		8		8		8	
1/4	50	1/4	172	1/4	296	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	174	1/2	299	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	177	3/4	301	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	57	9	180	9	303	9		9		9		9		9		9		9	
1/4	59	1/4	183	1/4	306	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	185	1/2	308	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	188	3/4	310	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	66	10	191	10	312	10		10		10		10		10		10		10	
1/4	68	1/4	194	1/4	314	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70	1/2	196	1/2	316	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73	3/4	199	3/4	318	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	75	11	202	11	320	11		11		11		11		11		11		11	
1/4	78	1/4	204	1/4	322	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	80	1/2	207	1/2	324	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	82	3/4	210	3/4	326	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 10" HATCH

STRAPPED: 01/14/2015 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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BARGE "MPC 1010"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.55	0	235.73	0	497.16	0	758.11	0	1,019.16	0	1,279.70	0	1,541.14	0	1,802.57	0	2,064.01	0	2,325.45
1/4	4.36	1/4	241.18	1/4	502.60	1/4	763.53	1/4	1,024.55	1/4	1,285.14	1/4	1,546.58	1/4	1,808.02	1/4	2,069.46	1/4	2,330.89
1/2	6.18	1/2	246.62	1/2	508.05	1/2	768.96	1/2	1,029.93	1/2	1,290.59	1/2	1,552.03	1/2	1,813.47	1/2	2,074.90	1/2	2,336.34
3/4	7.99	3/4	252.07	3/4	513.50	3/4	774.39	3/4	1,035.31	3/4	1,296.04	3/4	1,557.47	3/4	1,818.91	3/4	2,080.35	3/4	2,341.79
1	9.81	1	257.52	1	518.94	1	779.82	1	1,040.69	1	1,301.48	1	1,562.92	1	1,824.36	1	2,085.80	1	2,347.23
1/4	13.43	1/4	262.96	1/4	524.39	1/4	785.24	1/4	1,046.08	1/4	1,306.93	1/4	1,568.37	1/4	1,829.80	1/4	2,091.24	1/4	2,352.68
1/2	17.06	1/2	268.41	1/2	529.84	1/2	790.67	1/2	1,051.46	1/2	1,312.38	1/2	1,573.81	1/2	1,835.25	1/2	2,096.69	1/2	2,358.13
3/4	20.69	3/4	273.86	3/4	535.28	3/4	796.10	3/4	1,056.84	3/4	1,317.82	3/4	1,579.26	3/4	1,840.70	3/4	2,102.13	3/4	2,363.57
2	24.32	2	279.30	2	540.73	2	801.52	2	1,062.22	2	1,323.27	2	1,584.71	2	1,846.14	2	2,107.58	2	2,369.02
1/4	29.25	1/4	284.75	1/4	546.18	1/4	806.95	1/4	1,067.60	1/4	1,328.72	1/4	1,590.15	1/4	1,851.59	1/4	2,113.03	1/4	2,374.46
1/2	34.18	1/2	290.19	1/2	551.62	1/2	812.38	1/2	1,072.99	1/2	1,334.16	1/2	1,595.60	1/2	1,857.04	1/2	2,118.47	1/2	2,379.91
3/4	39.11	3/4	295.64	3/4	557.07	3/4	817.81	3/4	1,078.37	3/4	1,339.61	3/4	1,601.05	3/4	1,862.48	3/4	2,123.92	3/4	2,385.36
3	44.04	3	301.09	3	562.51	3	823.24	3	1,083.75	3	1,345.06	3	1,606.49	3	1,867.93	3	2,129.37	3	2,390.80
1/4	49.19	1/4	306.53	1/4	567.96	1/4	828.68	1/4	1,089.16	1/4	1,350.50	1/4	1,611.94	1/4	1,873.38	1/4	2,134.81	1/4	2,396.25
1/2	54.33	1/2	311.98	1/2	573.41	1/2	834.12	1/2	1,094.58	1/2	1,355.95	1/2	1,617.39	1/2	1,878.82	1/2	2,140.26	1/2	2,401.70
3/4	59.47	3/4	317.43	3/4	578.85	3/4	839.56	3/4	1,099.99	3/4	1,361.40	3/4	1,622.83	3/4	1,884.27	3/4	2,145.71	3/4	2,407.14
4	64.62	4	322.87	4	584.30	4	845.00	4	1,105.41	4	1,366.84	4	1,628.28	4	1,889.72	4	2,151.15	4	2,412.59
1/4	69.58	1/4	328.32	1/4	589.75	1/4	850.45	1/4	1,110.85	1/4	1,372.29	1/4	1,633.73	1/4	1,895.16	1/4	2,156.60	1/4	2,418.04
1/2	74.55	1/2	333.77	1/2	595.19	1/2	855.90	1/2	1,116.30	1/2	1,377.74	1/2	1,639.17	1/2	1,900.61	1/2	2,162.05	1/2	2,423.48
3/4	79.51	3/4	339.21	3/4	600.64	3/4	861.34	3/4	1,121.75	3/4	1,383.18	3/4	1,644.62	3/4	1,906.06	3/4	2,167.49	3/4	2,428.93
5	84.48	5	344.66	5	606.09	5	866.79	5	1,127.19	5	1,388.63	5	1,650.07	5	1,911.50	5	2,172.94	5	2,434.38
1/4	89.68	1/4	350.10	1/4	611.52	1/4	872.23	1/4	1,132.64	1/4	1,394.08	1/4	1,655.51	1/4	1,916.95	1/4	2,178.39	1/4	2,439.82
1/2	94.87	1/2	355.55	1/2	616.96	1/2	877.68	1/2	1,138.09	1/2	1,399.52	1/2	1,660.96	1/2	1,922.40	1/2	2,183.83	1/2	2,445.27
3/4	100.07	3/4	361.00	3/4	622.40	3/4	883.13	3/4	1,143.53	3/4	1,404.97	3/4	1,666.41	3/4	1,927.84	3/4	2,189.28	3/4	2,450.72
6	105.26	6	366.44	6	627.84	6	888.57	6	1,148.98	6	1,410.42	6	1,671.85	6	1,933.29	6	2,194.73	6	2,456.16
1/4	110.68	1/4	371.89	1/4	633.27	1/4	894.02	1/4	1,154.43	1/4	1,415.86	1/4	1,677.30	1/4	1,938.74	1/4	2,200.17	1/4	2,461.61
1/2	116.10	1/2	377.34	1/2	638.70	1/2	899.47	1/2	1,159.87	1/2	1,421.31	1/2	1,682.75	1/2	1,944.18	1/2	2,205.62	1/2	2,467.06
3/4	121.51	3/4	382.78	3/4	644.13	3/4	904.91	3/4	1,165.32	3/4	1,426.76	3/4	1,688.19	3/4	1,949.63	3/4	2,211.07	3/4	2,472.50
7	126.93	7	388.23	7	649.56	7	910.36	7	1,170.77	7	1,432.20	7	1,693.64	7	1,955.08	7	2,216.51	7	2,477.95
1/4	132.35	1/4	393.68	1/4	654.99	1/4	915.81	1/4	1,176.21	1/4	1,437.65	1/4	1,699.09	1/4	1,960.52	1/4	2,221.96	1/4	2,483.40
1/2	137.78	1/2	399.12	1/2	660.42	1/2	921.25	1/2	1,181.66	1/2	1,443.10	1/2	1,704.53	1/2	1,965.97	1/2	2,227.41	1/2	2,488.84
3/4	143.20	3/4	404.57	3/4	665.84	3/4	926.70	3/4	1,187.11	3/4	1,448.54	3/4	1,709.98	3/4	1,971.42	3/4	2,232.85	3/4	2,494.29
8	148.63	8	410.02	8	671.27	8	932.15	8	1,192.55	8	1,453.99	8	1,715.43	8	1,976.86	8	2,238.30	8	2,499.74
1/4	154.06	1/4	415.46	1/4	676.70	1/4	937.59	1/4	1,198.00	1/4	1,459.44	1/4	1,720.87	1/4	1,982.31	1/4	2,243.75	1/4	2,505.18
1/2	159.50	1/2	420.91	1/2	682.13	1/2	943.04	1/2	1,203.45	1/2	1,464.88	1/2	1,726.32	1/2	1,987.76	1/2	2,249.19	1/2	2,510.63
3/4	164.94	3/4	426.35	3/4	687.55	3/4	948.49	3/4	1,208.89	3/4	1,470.33	3/4	1,731.77	3/4	1,993.20	3/4	2,254.64	3/4	2,516.08
9	170.37	9	431.80	9	692.98	9	953.93	9	1,214.34	9	1,475.78	9	1,737.21	9	1,998.65	9	2,260.09	9	2,521.52
1/4	175.82	1/4	437.25	1/4	698.41	1/4	959.38	1/4	1,219.79	1/4	1,481.22	1/4	1,742.66	1/4	2,004.10	1/4	2,265.53	1/4	2,526.97
1/2	181.27	1/2	442.69	1/2	703.83	1/2	964.83	1/2	1,225.23	1/2	1,486.67	1/2	1,748.11	1/2	2,009.54	1/2	2,270.98	1/2	2,532.42
3/4	186.71	3/4	448.14	3/4	709.26	3/4	970.27	3/4	1,230.68	3/4	1,492.12	3/4	1,753.55	3/4	2,014.99	3/4	2,276.43	3/4	2,537.86
10	192.16	10	453.59	10	714.69	10	975.72	10	1,236.13	10	1,497.56	10	1,759.00	10	2,020.44	10	2,281.87	10	2,543.31
1/4	197.61	1/4	459.03	1/4	720.12	1/4	981.17	1/4	1,241.57	1/4	1,503.01	1/4	1,764.45	1/4	2,025.88	1/4	2,287.32	1/4	2,548.76
1/2	203.05	1/2	464.48	1/2	725.54	1/2	986.61	1/2	1,247.02	1/2	1,508.46	1/2	1,769.89	1/2	2,031.33	1/2	2,292.77	1/2	2,554.20
3/4	208.50	3/4	469.93	3/4	730.97	3/4	992.06	3/4	1,252.47	3/4	1,513.90	3/4	1,775.34	3/4	2,036.78	3/4	2,298.21	3/4	2,559.65
11	213.94	11	475.37	11	736.40	11	997.51	11	1,257.91	11	1,519.35	11	1,780.79	11	2,042.22	11	2,303.66	11	2,565.10
1/4	219.39	1/4	480.82	1/4	741.82	1/4	1,002.92	1/4	1,263.36	1/4	1,524.80	1/4	1,786.23	1/4	2,047.67	1/4	2,309.11	1/4	2,570.54
1/2	224.84	1/2	486.26	1/2	747.25	1/2	1,008.34	1/2	1,268.81	1/2	1,530.24	1/2	1,791.68	1/2	2,053.12	1/2	2,314.55	1/2	2,575.99
3/4	230.28	3/4	491.71	3/4	752.68	3/4	1,013.75	3/4	1,274.25	3/4	1,535.69	3/4	1,797.13	3/4	2,058.56	3/4	2,320.00	3/4	2,581.44

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 ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

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



BARGE "MPC 1010"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,586.88	0	2,847.93	0	3,108.65	0	3,369.13	0		0		0		0		0		0	
1/4	2,592.33	1/4	2,853.37	1/4	3,114.08	1/4	3,374.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,597.78	1/2	2,858.80	1/2	3,119.51	1/2	3,379.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,603.22	3/4	2,864.23	3/4	3,124.94	3/4	3,385.07	3/4		3/4		3/4		3/4		3/4		3/4	
1	2,608.67	1	2,869.66	1	3,130.37	1	3,390.39	1		1		1		1		1		1	
1/4	2,614.12	1/4	2,875.09	1/4	3,135.80	1/4	3,395.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,619.56	1/2	2,880.52	1/2	3,141.23	1/2	3,400.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,625.01	3/4	2,885.95	3/4	3,146.67	3/4	3,406.29	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,630.46	2	2,891.39	2	3,152.10	2	3,411.60	2		2		2		2		2		2	
1/4	2,635.90	1/4	2,896.82	1/4	3,157.53	1/4	3,416.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,641.35	1/2	2,902.25	1/2	3,162.96	1/2	3,421.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,646.79	3/4	2,907.68	3/4	3,168.39	3/4	3,427.13	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,652.24	3	2,913.11	3	3,173.82	3	3,432.30	3		3		3		3		3		3	
1/4	2,657.69	1/4	2,918.54	1/4	3,179.26	1/4	3,436.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,663.13	1/2	2,923.97	1/2	3,184.69	1/2	3,440.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,668.58	3/4	2,929.41	3/4	3,190.12	3/4	3,445.15	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,674.03	4	2,934.84	4	3,195.55	4	3,449.43	4		4		4		4		4		4	
1/4	2,679.47	1/4	2,940.27	1/4	3,200.98	1/4	3,452.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,684.92	1/2	2,945.70	1/2	3,206.41	1/2	3,454.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,690.37	3/4	2,951.13	3/4	3,211.84	3/4	3,457.21	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,695.81	5	2,956.56	5	3,217.28	5	3,459.80	5		5		5		5		5		5	
1/4	2,701.26	1/4	2,962.00	1/4	3,222.71	1/4	3,460.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,706.70	1/2	2,967.43	1/2	3,228.14	1/2	3,461.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,712.14	3/4	2,972.86	3/4	3,233.57	3/4	3,463.02	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,717.58	6	2,978.29	6	3,239.00	6	3,464.09	6		6		6		6		6		6	
1/4	2,723.01	1/4	2,983.72	1/4	3,244.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,728.44	1/2	2,989.15	1/2	3,249.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,733.87	3/4	2,994.58	3/4	3,255.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,739.30	7	3,000.02	7	3,260.73	7		7		7		7		7		7		7	
1/4	2,744.74	1/4	3,005.45	1/4	3,266.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,750.17	1/2	3,010.88	1/2	3,271.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,755.60	3/4	3,016.31	3/4	3,277.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,761.03	8	3,021.74	8	3,282.45	8		8		8		8		8		8		8	
1/4	2,766.46	1/4	3,027.17	1/4	3,287.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,771.89	1/2	3,032.60	1/2	3,293.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,777.32	3/4	3,038.04	3/4	3,298.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,782.76	9	3,043.47	9	3,304.18	9		9		9		9		9		9		9	
1/4	2,788.19	1/4	3,048.90	1/4	3,309.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,793.62	1/2	3,054.33	1/2	3,315.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,799.05	3/4	3,059.76	3/4	3,320.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,804.48	10	3,065.19	10	3,325.91	10		10		10		10		10		10		10	
1/4	2,809.91	1/4	3,070.63	1/4	3,331.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,815.34	1/2	3,076.06	1/2	3,336.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,820.78	3/4	3,081.49	3/4	3,342.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,826.21	11	3,086.92	11	3,347.63	11		11		11		11		11		11		11	
1/4	2,831.64	1/4	3,092.35	1/4	3,353.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,837.07	1/2	3,097.78	1/2	3,358.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,842.50	3/4	3,103.21	3/4	3,363.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2015 CL
CALCULATED: 01/14/2015 CL
PRINTED: 01/14/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

PRECISION MEASUREMENT
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BARGE "MPC 1010"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 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	2.56	0	237.53	0	500.92	0	760.37	0	1,021.53	0	1,284.04	0	1,547.44	0	1,810.84	0	2,074.25	0	2,337.65
1/4	4.39	1/4	243.02	1/4	506.41	1/4	765.71	1/4	1,026.96	1/4	1,289.52	1/4	1,552.93	1/4	1,816.33	1/4	2,079.74	1/4	2,343.14
1/2	6.22	1/2	248.50	1/2	511.90	1/2	771.04	1/2	1,032.38	1/2	1,295.01	1/2	1,558.42	1/2	1,821.82	1/2	2,085.22	1/2	2,348.63
3/4	8.05	3/4	253.99	3/4	517.39	3/4	776.38	3/4	1,037.80	3/4	1,300.50	3/4	1,563.90	3/4	1,827.31	3/4	2,090.71	3/4	2,354.12
1	9.88	1	259.48	1	522.87	1	781.71	1	1,043.23	1	1,305.99	1	1,569.39	1	1,832.80	1	2,096.20	1	2,359.60
1/4	13.53	1/4	264.96	1/4	528.36	1/4	787.05	1/4	1,048.65	1/4	1,311.47	1/4	1,574.88	1/4	1,838.28	1/4	2,101.69	1/4	2,365.09
1/2	17.18	1/2	270.45	1/2	533.85	1/2	792.38	1/2	1,054.07	1/2	1,316.96	1/2	1,580.37	1/2	1,843.77	1/2	2,107.18	1/2	2,370.58
3/4	20.84	3/4	275.94	3/4	539.33	3/4	797.72	3/4	1,059.50	3/4	1,322.45	3/4	1,585.85	3/4	1,849.26	3/4	2,112.66	3/4	2,376.07
2	24.49	2	281.43	2	544.82	2	803.05	2	1,064.92	2	1,327.94	2	1,591.34	2	1,854.75	2	2,118.15	2	2,381.56
1/4	29.46	1/4	286.91	1/4	550.31	1/4	808.39	1/4	1,070.34	1/4	1,333.42	1/4	1,596.83	1/4	1,860.23	1/4	2,123.64	1/4	2,387.04
1/2	34.43	1/2	292.40	1/2	555.80	1/2	813.73	1/2	1,075.76	1/2	1,338.91	1/2	1,602.32	1/2	1,865.72	1/2	2,129.13	1/2	2,392.53
3/4	39.40	3/4	297.89	3/4	561.28	3/4	819.07	3/4	1,081.19	3/4	1,344.40	3/4	1,607.80	3/4	1,871.21	3/4	2,134.61	3/4	2,398.02
3	44.37	3	303.38	3	566.77	3	824.40	3	1,086.61	3	1,349.89	3	1,613.29	3	1,876.70	3	2,140.10	3	2,403.51
1/4	49.55	1/4	308.86	1/4	572.26	1/4	829.82	1/4	1,092.07	1/4	1,355.37	1/4	1,618.78	1/4	1,882.18	1/4	2,145.59	1/4	2,408.99
1/2	54.74	1/2	314.35	1/2	577.75	1/2	835.23	1/2	1,097.52	1/2	1,360.86	1/2	1,624.27	1/2	1,887.67	1/2	2,151.08	1/2	2,414.48
3/4	59.92	3/4	319.84	3/4	583.23	3/4	840.64	3/4	1,102.98	3/4	1,366.35	3/4	1,629.75	3/4	1,893.16	3/4	2,156.56	3/4	2,419.97
4	65.10	4	325.33	4	588.72	4	846.06	4	1,108.43	4	1,371.84	4	1,635.24	4	1,898.65	4	2,162.05	4	2,425.46
1/4	70.11	1/4	330.81	1/4	594.21	1/4	851.55	1/4	1,113.92	1/4	1,377.32	1/4	1,640.73	1/4	1,904.13	1/4	2,167.54	1/4	2,430.94
1/2	75.12	1/2	336.30	1/2	599.70	1/2	857.03	1/2	1,119.41	1/2	1,382.81	1/2	1,646.22	1/2	1,909.62	1/2	2,173.03	1/2	2,436.43
3/4	80.12	3/4	341.79	3/4	605.18	3/4	862.52	3/4	1,124.89	3/4	1,388.30	3/4	1,651.70	3/4	1,915.11	3/4	2,178.51	3/4	2,441.92
5	85.13	5	347.28	5	610.67	5	868.01	5	1,130.38	5	1,393.79	5	1,657.19	5	1,920.60	5	2,184.00	5	2,447.41
1/4	90.37	1/4	352.76	1/4	616.08	1/4	873.50	1/4	1,135.87	1/4	1,399.27	1/4	1,662.68	1/4	1,926.08	1/4	2,189.49	1/4	2,452.89
1/2	95.60	1/2	358.25	1/2	621.50	1/2	878.98	1/2	1,141.36	1/2	1,404.76	1/2	1,668.17	1/2	1,931.57	1/2	2,194.98	1/2	2,458.38
3/4	100.84	3/4	363.74	3/4	626.91	3/4	884.47	3/4	1,146.85	3/4	1,410.25	3/4	1,673.65	3/4	1,937.06	3/4	2,200.46	3/4	2,463.87
6	106.08	6	369.23	6	632.33	6	889.96	6	1,152.33	6	1,415.74	6	1,679.14	6	1,942.55	6	2,205.95	6	2,469.36
1/4	111.53	1/4	374.71	1/4	637.66	1/4	895.45	1/4	1,157.82	1/4	1,421.23	1/4	1,684.63	1/4	1,948.03	1/4	2,211.44	1/4	2,474.84
1/2	116.99	1/2	380.20	1/2	643.00	1/2	900.93	1/2	1,163.31	1/2	1,426.71	1/2	1,690.12	1/2	1,953.52	1/2	2,216.93	1/2	2,480.33
3/4	122.45	3/4	385.69	3/4	648.34	3/4	906.42	3/4	1,168.80	3/4	1,432.20	3/4	1,695.61	3/4	1,959.01	3/4	2,222.41	3/4	2,485.82
7	127.91	7	391.18	7	653.68	7	911.91	7	1,174.28	7	1,437.69	7	1,701.09	7	1,964.50	7	2,227.90	7	2,491.31
1/4	133.37	1/4	396.66	1/4	659.01	1/4	917.40	1/4	1,179.77	1/4	1,443.18	1/4	1,706.58	1/4	1,969.99	1/4	2,233.39	1/4	2,496.79
1/2	138.84	1/2	402.15	1/2	664.35	1/2	922.89	1/2	1,185.26	1/2	1,448.66	1/2	1,712.07	1/2	1,975.47	1/2	2,238.88	1/2	2,502.28
3/4	144.30	3/4	407.64	3/4	669.68	3/4	928.37	3/4	1,190.75	3/4	1,454.15	3/4	1,717.56	3/4	1,980.96	3/4	2,244.37	3/4	2,507.77
8	149.77	8	413.12	8	675.02	8	933.86	8	1,196.23	8	1,459.64	8	1,723.04	8	1,986.45	8	2,249.85	8	2,513.26
1/4	155.25	1/4	418.61	1/4	680.35	1/4	939.35	1/4	1,201.72	1/4	1,465.13	1/4	1,728.53	1/4	1,991.94	1/4	2,255.34	1/4	2,518.75
1/2	160.72	1/2	424.10	1/2	685.69	1/2	944.84	1/2	1,207.21	1/2	1,470.61	1/2	1,734.02	1/2	1,997.42	1/2	2,260.83	1/2	2,524.23
3/4	166.20	3/4	429.59	3/4	691.02	3/4	950.32	3/4	1,212.70	3/4	1,476.10	3/4	1,739.51	3/4	2,002.91	3/4	2,266.32	3/4	2,529.72
9	171.68	9	435.07	9	696.36	9	955.81	9	1,218.18	9	1,481.59	9	1,744.99	9	2,008.40	9	2,271.80	9	2,535.21
1/4	177.17	1/4	440.56	1/4	701.69	1/4	961.30	1/4	1,223.67	1/4	1,487.08	1/4	1,750.48	1/4	2,013.89	1/4	2,277.29	1/4	2,540.70
1/2	182.65	1/2	446.05	1/2	707.02	1/2	966.79	1/2	1,229.16	1/2	1,492.56	1/2	1,755.97	1/2	2,019.37	1/2	2,282.78	1/2	2,546.18
3/4	188.14	3/4	451.54	3/4	712.36	3/4	972.27	3/4	1,234.65	3/4	1,498.05	3/4	1,761.46	3/4	2,024.86	3/4	2,288.27	3/4	2,551.67
10	193.63	10	457.02	10	717.69	10	977.76	10	1,240.13	10	1,503.54	10	1,766.94	10	2,030.35	10	2,293.75	10	2,557.16
1/4	199.12	1/4	462.51	1/4	723.03	1/4	983.25	1/4	1,245.62	1/4	1,509.03	1/4	1,772.43	1/4	2,035.84	1/4	2,299.24	1/4	2,562.65
1/2	204.60	1/2	468.00	1/2	728.36	1/2	988.74	1/2	1,251.11	1/2	1,514.51	1/2	1,777.92	1/2	2,041.32	1/2	2,304.73	1/2	2,568.13
3/4	210.09	3/4	473.49	3/4	733.70	3/4	994.22	3/4	1,256.60	3/4	1,520.00	3/4	1,783.41	3/4	2,046.81	3/4	2,310.22	3/4	2,573.62
11	215.58	11	478.97	11	739.03	11	999.71	11	1,262.08	11	1,525.49	11	1,788.89	11	2,052.30	11	2,315.70	11	2,579.11
1/4	221.07	1/4	484.46	1/4	744.37	1/4	1,005.17	1/4	1,267.57	1/4	1,530.98	1/4	1,794.38	1/4	2,057.79	1/4	2,321.19	1/4	2,584.60
1/2	226.55	1/2	489.95	1/2	749.70	1/2	1,010.62	1/2	1,273.06	1/2	1,536.46	1/2	1,799.87	1/2	2,063.27	1/2	2,326.68	1/2	2,590.08
3/4	232.04	3/4	495.44	3/4	755.04	3/4	1,016.08	3/4	1,278.55	3/4	1,541.95	3/4	1,805.36	3/4	2,068.76	3/4	2,332.17	3/4	2,595.57

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 ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MPC 1010"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,601.06	0	2,864.08	0	3,126.76	0	3,389.21	0		0		0		0		0		0	
1/4	2,606.55	1/4	2,869.55	1/4	3,132.23	1/4	3,394.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,612.03	1/2	2,875.02	1/2	3,137.70	1/2	3,399.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,617.52	3/4	2,880.50	3/4	3,143.18	3/4	3,405.29	3/4		3/4		3/4		3/4		3/4		3/4	
1	2,623.01	1	2,885.97	1	3,148.65	1	3,410.64	1		1		1		1		1		1	
1/4	2,628.50	1/4	2,891.44	1/4	3,154.12	1/4	3,415.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,633.98	1/2	2,896.91	1/2	3,159.59	1/2	3,421.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,639.47	3/4	2,902.39	3/4	3,165.07	3/4	3,426.68	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,644.96	2	2,907.86	2	3,170.54	2	3,432.02	2		2		2		2		2		2	
1/4	2,650.45	1/4	2,913.33	1/4	3,176.01	1/4	3,437.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,655.94	1/2	2,918.80	1/2	3,181.48	1/2	3,442.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,661.42	3/4	2,924.28	3/4	3,186.96	3/4	3,447.67	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,666.91	3	2,929.75	3	3,192.43	3	3,452.89	3		3		3		3		3		3	
1/4	2,672.40	1/4	2,935.22	1/4	3,197.90	1/4	3,457.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,677.89	1/2	2,940.69	1/2	3,203.37	1/2	3,461.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,683.37	3/4	2,946.17	3/4	3,208.85	3/4	3,465.83	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,688.86	4	2,951.64	4	3,214.32	4	3,470.15	4		4		4		4		4		4	
1/4	2,694.35	1/4	2,957.11	1/4	3,219.79	1/4	3,472.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,699.84	1/2	2,962.58	1/2	3,225.26	1/2	3,475.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,705.32	3/4	2,968.06	3/4	3,230.74	3/4	3,477.99	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,710.81	5	2,973.53	5	3,236.21	5	3,480.61	5		5		5		5		5		5	
1/4	2,716.29	1/4	2,979.00	1/4	3,241.68	1/4	3,481.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,721.77	1/2	2,984.47	1/2	3,247.15	1/2	3,482.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,727.26	3/4	2,989.95	3/4	3,252.63	3/4	3,483.84	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,732.74	6	2,995.42	6	3,258.10	6	3,484.92	6		6		6		6		6		6	
1/4	2,738.21	1/4	3,000.89	1/4	3,263.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,743.68	1/2	3,006.36	1/2	3,269.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,749.16	3/4	3,011.84	3/4	3,274.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,754.63	7	3,017.31	7	3,279.99	7		7		7		7		7		7		7	
1/4	2,760.10	1/4	3,022.78	1/4	3,285.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,765.57	1/2	3,028.25	1/2	3,290.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,771.05	3/4	3,033.73	3/4	3,296.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,776.52	8	3,039.20	8	3,301.88	8		8		8		8		8		8		8	
1/4	2,781.99	1/4	3,044.67	1/4	3,307.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,787.46	1/2	3,050.14	1/2	3,312.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,792.94	3/4	3,055.62	3/4	3,318.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,798.41	9	3,061.09	9	3,323.77	9		9		9		9		9		9		9	
1/4	2,803.88	1/4	3,066.56	1/4	3,329.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,809.35	1/2	3,072.03	1/2	3,334.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,814.83	3/4	3,077.51	3/4	3,340.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,820.30	10	3,082.98	10	3,345.66	10		10		10		10		10		10		10	
1/4	2,825.77	1/4	3,088.45	1/4	3,351.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,831.24	1/2	3,093.92	1/2	3,356.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,836.72	3/4	3,099.40	3/4	3,362.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,842.19	11	3,104.87	11	3,367.55	11		11		11		11		11		11		11	
1/4	2,847.66	1/4	3,110.34	1/4	3,372.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,853.13	1/2	3,115.81	1/2	3,378.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,858.61	3/4	3,121.29	3/4	3,383.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2015 CL
CALCULATED: 01/14/2015 CL
PRINTED: 01/14/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "MPC 1010"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	6.13	0	271.81	0	568.70	0	865.03	0	1,161.70	0	1,457.61	0	1,753.73	0	2,050.58	0	2,347.44	0	2,644.29
1/4	8.19	1/4	278.00	1/4	574.89	1/4	871.21	1/4	1,167.82	1/4	1,463.78	1/4	1,759.91	1/4	2,056.77	1/4	2,353.62	1/4	2,650.48
1/2	10.26	1/2	284.18	1/2	581.07	1/2	877.38	1/2	1,173.94	1/2	1,469.94	1/2	1,766.09	1/2	2,062.95	1/2	2,359.81	1/2	2,656.66
3/4	12.33	3/4	290.37	3/4	587.26	3/4	883.56	3/4	1,180.06	3/4	1,476.11	3/4	1,772.28	3/4	2,069.13	3/4	2,365.99	3/4	2,662.85
1	14.39	1	296.55	1	593.44	1	889.74	1	1,186.18	1	1,482.27	1	1,778.46	1	2,075.32	1	2,372.18	1	2,669.03
1/4	18.52	1/4	302.74	1/4	599.63	1/4	895.92	1/4	1,192.30	1/4	1,488.44	1/4	1,784.65	1/4	2,081.50	1/4	2,378.36	1/4	2,675.22
1/2	22.64	1/2	308.92	1/2	605.81	1/2	902.10	1/2	1,198.42	1/2	1,494.60	1/2	1,790.83	1/2	2,087.69	1/2	2,384.54	1/2	2,681.40
3/4	26.77	3/4	315.11	3/4	612.00	3/4	908.28	3/4	1,204.54	3/4	1,500.77	3/4	1,797.02	3/4	2,093.87	3/4	2,390.73	3/4	2,687.58
2	30.90	2	321.29	2	618.18	2	914.46	2	1,210.66	2	1,506.93	2	1,803.20	2	2,100.06	2	2,396.91	2	2,693.77
1/4	36.51	1/4	327.48	1/4	624.37	1/4	920.64	1/4	1,216.78	1/4	1,513.10	1/4	1,809.39	1/4	2,106.24	1/4	2,403.10	1/4	2,699.95
1/2	42.12	1/2	333.66	1/2	630.55	1/2	926.82	1/2	1,222.90	1/2	1,519.26	1/2	1,815.57	1/2	2,112.43	1/2	2,409.28	1/2	2,706.14
3/4	47.73	3/4	339.85	3/4	636.74	3/4	933.00	3/4	1,229.02	3/4	1,525.43	3/4	1,821.75	3/4	2,118.61	3/4	2,415.47	3/4	2,712.32
3	53.35	3	346.03	3	642.92	3	939.19	3	1,235.14	3	1,531.59	3	1,827.94	3	2,124.80	3	2,421.65	3	2,718.51
1/4	59.23	1/4	352.22	1/4	649.11	1/4	945.37	1/4	1,241.29	1/4	1,537.76	1/4	1,834.12	1/4	2,130.98	1/4	2,427.84	1/4	2,724.69
1/2	65.11	1/2	358.40	1/2	655.29	1/2	951.56	1/2	1,247.45	1/2	1,543.92	1/2	1,840.31	1/2	2,137.16	1/2	2,434.02	1/2	2,730.88
3/4	70.99	3/4	364.59	3/4	661.48	3/4	957.74	3/4	1,253.60	3/4	1,550.09	3/4	1,846.49	3/4	2,143.35	3/4	2,440.20	3/4	2,737.06
4	76.87	4	370.77	4	667.66	4	963.92	4	1,259.75	4	1,556.25	4	1,852.68	4	2,149.53	4	2,446.39	4	2,743.25
1/4	82.58	1/4	376.96	1/4	673.85	1/4	970.11	1/4	1,265.93	1/4	1,562.42	1/4	1,858.86	1/4	2,155.72	1/4	2,452.57	1/4	2,749.43
1/2	88.29	1/2	383.14	1/2	680.03	1/2	976.29	1/2	1,272.12	1/2	1,568.58	1/2	1,865.05	1/2	2,161.90	1/2	2,458.76	1/2	2,755.61
3/4	94.00	3/4	389.33	3/4	686.22	3/4	982.48	3/4	1,278.30	3/4	1,574.75	3/4	1,871.23	3/4	2,168.09	3/4	2,464.94	3/4	2,761.80
5	99.71	5	395.52	5	692.40	5	988.66	5	1,284.49	5	1,580.91	5	1,877.42	5	2,174.27	5	2,471.13	5	2,767.98
1/4	105.65	1/4	401.70	1/4	698.58	1/4	994.85	1/4	1,290.67	1/4	1,587.08	1/4	1,883.60	1/4	2,180.46	1/4	2,477.31	1/4	2,774.17
1/2	111.60	1/2	407.89	1/2	704.76	1/2	1,001.03	1/2	1,296.86	1/2	1,593.24	1/2	1,889.78	1/2	2,186.64	1/2	2,483.50	1/2	2,780.35
3/4	117.54	3/4	414.07	3/4	710.93	3/4	1,007.22	3/4	1,303.04	3/4	1,599.41	3/4	1,895.97	3/4	2,192.82	3/4	2,489.68	3/4	2,786.54
6	123.48	6	420.26	6	717.11	6	1,013.40	6	1,309.23	6	1,605.57	6	1,902.15	6	2,199.01	6	2,495.87	6	2,792.72
1/4	129.65	1/4	426.44	1/4	723.27	1/4	1,019.59	1/4	1,315.41	1/4	1,611.74	1/4	1,908.34	1/4	2,205.19	1/4	2,502.05	1/4	2,798.91
1/2	135.81	1/2	432.63	1/2	729.44	1/2	1,025.77	1/2	1,321.59	1/2	1,617.90	1/2	1,914.52	1/2	2,211.38	1/2	2,508.23	1/2	2,805.09
3/4	141.98	3/4	438.81	3/4	735.60	3/4	1,031.95	3/4	1,327.78	3/4	1,624.07	3/4	1,920.71	3/4	2,217.56	3/4	2,514.42	3/4	2,811.27
7	148.14	7	445.00	7	741.76	7	1,038.14	7	1,333.96	7	1,630.23	7	1,926.89	7	2,223.75	7	2,520.60	7	2,817.46
1/4	154.32	1/4	451.18	1/4	747.93	1/4	1,044.32	1/4	1,340.15	1/4	1,636.40	1/4	1,933.08	1/4	2,229.93	1/4	2,526.79	1/4	2,823.64
1/2	160.49	1/2	457.37	1/2	754.09	1/2	1,050.51	1/2	1,346.33	1/2	1,642.56	1/2	1,939.26	1/2	2,236.12	1/2	2,532.97	1/2	2,829.83
3/4	166.67	3/4	463.55	3/4	760.25	3/4	1,056.69	3/4	1,352.52	3/4	1,648.73	3/4	1,945.44	3/4	2,242.30	3/4	2,539.16	3/4	2,836.01
8	172.84	8	469.74	8	766.41	8	1,062.88	8	1,358.70	8	1,654.89	8	1,951.63	8	2,248.49	8	2,545.34	8	2,842.20
1/4	179.02	1/4	475.92	1/4	772.57	1/4	1,069.06	1/4	1,364.89	1/4	1,661.06	1/4	1,957.81	1/4	2,254.67	1/4	2,551.53	1/4	2,848.38
1/2	185.21	1/2	482.11	1/2	778.73	1/2	1,075.25	1/2	1,371.07	1/2	1,667.22	1/2	1,964.00	1/2	2,260.85	1/2	2,557.71	1/2	2,854.57
3/4	191.39	3/4	488.29	3/4	784.89	3/4	1,081.43	3/4	1,377.25	3/4	1,673.39	3/4	1,970.18	3/4	2,267.04	3/4	2,563.89	3/4	2,860.75
9	197.58	9	494.48	9	791.05	9	1,087.61	9	1,383.44	9	1,679.55	9	1,976.37	9	2,273.22	9	2,570.08	9	2,866.94
1/4	203.77	1/4	500.66	1/4	797.22	1/4	1,093.80	1/4	1,389.62	1/4	1,685.73	1/4	1,982.55	1/4	2,279.41	1/4	2,576.26	1/4	2,873.13
1/2	209.95	1/2	506.85	1/2	803.38	1/2	1,099.98	1/2	1,395.81	1/2	1,691.90	1/2	1,988.74	1/2	2,285.59	1/2	2,582.45	1/2	2,879.32
3/4	216.14	3/4	513.03	3/4	809.54	3/4	1,106.17	3/4	1,401.99	3/4	1,698.07	3/4	1,994.92	3/4	2,291.78	3/4	2,588.63	3/4	2,885.51
10	222.33	10	519.22	10	815.70	10	1,112.35	10	1,408.18	10	1,704.25	10	2,001.11	10	2,297.96	10	2,594.82	10	2,891.70
1/4	228.51	1/4	525.40	1/4	821.86	1/4	1,118.54	1/4	1,414.36	1/4	1,710.43	1/4	2,007.29	1/4	2,304.15	1/4	2,601.00	1/4	2,897.36
1/2	234.70	1/2	531.59	1/2	828.02	1/2	1,124.72	1/2	1,420.55	1/2	1,716.62	1/2	2,013.47	1/2	2,310.33	1/2	2,607.19	1/2	2,903.01
3/4	240.89	3/4	537.77	3/4	834.18	3/4	1,130.91	3/4	1,426.73	3/4	1,722.80	3/4	2,019.66	3/4	2,316.51	3/4	2,613.37	3/4	2,908.67
11	247.07	11	543.96	11	840.34	11	1,137.09	11	1,432.92	11	1,728.99	11	2,025.84	11	2,322.70	11	2,619.56	11	2,914.33
1/4	253.26	1/4	550.15	1/4	846.52	1/4	1,143.24	1/4	1,439.09	1/4	1,735.17	1/4	2,032.03	1/4	2,328.88	1/4	2,625.74	1/4	2,919.44
1/2	259.44	1/2	556.33	1/2	852.69	1/2	1,149.40	1/2	1,445.27	1/2	1,741.36	1/2	2,038.21	1/2	2,335.07	1/2	2,631.92	1/2	2,924.55
3/4	265.63	3/4	562.52	3/4	858.86	3/4	1,155.55	3/4	1,451.44	3/4	1,747.54	3/4	2,044.40	3/4	2,341.25	3/4	2,638.11	3/4	2,929.67

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 ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MPC 1010"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,934.78	0	3,179.89	0	3,424.66	0	3,669.20	0		0		0		0		0		0	
1/4	2,939.90	1/4	3,184.99	1/4	3,429.76	1/4	3,674.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,945.01	1/2	3,190.09	1/2	3,434.86	1/2	3,679.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,950.13	3/4	3,195.18	3/4	3,439.96	3/4	3,684.15	3/4		3/4		3/4		3/4		3/4		3/4	
1	2,955.24	1	3,200.28	1	3,445.06	1	3,689.13	1		1		1		1		1		1	
1/4	2,960.36	1/4	3,205.38	1/4	3,450.15	1/4	3,694.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,965.47	1/2	3,210.48	1/2	3,455.25	1/2	3,699.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,970.59	3/4	3,215.58	3/4	3,460.35	3/4	3,704.04	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,975.70	2	3,220.68	2	3,465.45	2	3,709.02	2		2		2		2		2		2	
1/4	2,980.81	1/4	3,225.78	1/4	3,470.55	1/4	3,713.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,985.93	1/2	3,230.88	1/2	3,475.65	1/2	3,718.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,991.04	3/4	3,235.98	3/4	3,480.75	3/4	3,723.49	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,996.16	3	3,241.08	3	3,485.85	3	3,728.32	3		3		3		3		3		3	
1/4	3,001.27	1/4	3,246.18	1/4	3,490.95	1/4	3,732.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,006.39	1/2	3,251.28	1/2	3,496.05	1/2	3,735.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,011.50	3/4	3,256.38	3/4	3,501.15	3/4	3,739.74	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,016.62	4	3,261.48	4	3,506.25	4	3,743.54	4		4		4		4		4		4	
1/4	3,021.73	1/4	3,266.58	1/4	3,511.35	1/4	3,745.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,026.84	1/2	3,271.68	1/2	3,516.45	1/2	3,747.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,031.96	3/4	3,276.78	3/4	3,521.55	3/4	3,749.20	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,037.07	5	3,281.87	5	3,526.65	5	3,751.09	5		5		5		5		5		5	
1/4	3,042.18	1/4	3,286.97	1/4	3,531.75	1/4	3,751.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,047.29	1/2	3,292.07	1/2	3,536.84	1/2	3,752.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,052.39	3/4	3,297.17	3/4	3,541.94	3/4	3,753.14	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,057.50	6	3,302.27	6	3,547.04	6	3,753.83	6		6		6		6		6		6	
1/4	3,062.60	1/4	3,307.37	1/4	3,552.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,067.70	1/2	3,312.47	1/2	3,557.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,072.80	3/4	3,317.57	3/4	3,562.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,077.90	7	3,322.67	7	3,567.44	7		7		7		7		7		7		7	
1/4	3,083.00	1/4	3,327.77	1/4	3,572.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,088.10	1/2	3,332.87	1/2	3,577.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,093.20	3/4	3,337.97	3/4	3,582.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,098.30	8	3,343.07	8	3,587.84	8		8		8		8		8		8		8	
1/4	3,103.40	1/4	3,348.17	1/4	3,592.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,108.50	1/2	3,353.27	1/2	3,598.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,113.59	3/4	3,358.37	3/4	3,603.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,118.69	9	3,363.47	9	3,608.24	9		9		9		9		9		9		9	
1/4	3,123.79	1/4	3,368.56	1/4	3,613.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,128.89	1/2	3,373.66	1/2	3,618.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,133.99	3/4	3,378.76	3/4	3,623.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,139.09	10	3,383.86	10	3,628.63	10		10		10		10		10		10		10	
1/4	3,144.19	1/4	3,388.96	1/4	3,633.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,149.29	1/2	3,394.06	1/2	3,638.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,154.39	3/4	3,399.16	3/4	3,643.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,159.49	11	3,404.26	11	3,649.03	11		11		11		11		11		11		11	
1/4	3,164.59	1/4	3,409.36	1/4	3,654.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,169.69	1/2	3,414.46	1/2	3,659.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,174.79	3/4	3,419.56	3/4	3,664.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRINTED: 01/14/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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