



BARGE "MPC 1012"

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: 162'-09"

January 23, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 1012"

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

STRAPPED: 01/22/2015 CL
CALCULATED: 01/23/2015 CL
PRINTED: 01/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "MPC 1012"

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: 01/22/2015 CL
CALCULATED: 01/23/2015 CL
PRINTED: 01/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "MPC 1012"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 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	2.54	0	235.39	0	496.44	0	757.01	0	1,017.69	0	1,277.84	0	1,538.90	0	1,799.96	0	2,061.01	0	2,322.07
1/4	4.36	1/4	240.83	1/4	501.87	1/4	762.43	1/4	1,023.06	1/4	1,283.28	1/4	1,544.34	1/4	1,805.40	1/4	2,066.45	1/4	2,327.51
1/2	6.17	1/2	246.27	1/2	507.31	1/2	767.84	1/2	1,028.43	1/2	1,288.72	1/2	1,549.78	1/2	1,810.83	1/2	2,071.89	1/2	2,332.95
3/4	7.98	3/4	251.70	3/4	512.75	3/4	773.26	3/4	1,033.81	3/4	1,294.16	3/4	1,555.22	3/4	1,816.27	3/4	2,077.33	3/4	2,338.39
1	9.79	1	257.14	1	518.19	1	778.68	1	1,039.18	1	1,299.60	1	1,560.65	1	1,821.71	1	2,082.77	1	2,343.83
1/4	13.42	1/4	262.58	1/4	523.63	1/4	784.10	1/4	1,044.56	1/4	1,305.04	1/4	1,566.09	1/4	1,827.15	1/4	2,088.21	1/4	2,349.27
1/2	17.04	1/2	268.02	1/2	529.07	1/2	789.52	1/2	1,049.93	1/2	1,310.47	1/2	1,571.53	1/2	1,832.59	1/2	2,093.65	1/2	2,354.70
3/4	20.66	3/4	273.46	3/4	534.51	3/4	794.94	3/4	1,055.31	3/4	1,315.91	3/4	1,576.97	3/4	1,838.03	3/4	2,099.09	3/4	2,360.14
2	24.28	2	278.90	2	539.94	2	800.36	2	1,060.68	2	1,321.35	2	1,582.41	2	1,843.47	2	2,104.52	2	2,365.58
1/4	29.21	1/4	284.33	1/4	545.38	1/4	805.78	1/4	1,066.05	1/4	1,326.79	1/4	1,587.85	1/4	1,848.91	1/4	2,109.96	1/4	2,371.02
1/2	34.13	1/2	289.77	1/2	550.82	1/2	811.20	1/2	1,071.43	1/2	1,332.23	1/2	1,593.29	1/2	1,854.34	1/2	2,115.40	1/2	2,376.46
3/4	39.06	3/4	295.21	3/4	556.26	3/4	816.63	3/4	1,076.80	3/4	1,337.67	3/4	1,598.73	3/4	1,859.78	3/4	2,120.84	3/4	2,381.90
3	43.98	3	300.65	3	561.70	3	822.05	3	1,082.18	3	1,343.11	3	1,604.16	3	1,865.22	3	2,126.28	3	2,387.34
1/4	49.12	1/4	306.09	1/4	567.14	1/4	827.48	1/4	1,087.58	1/4	1,348.54	1/4	1,609.60	1/4	1,870.66	1/4	2,131.72	1/4	2,392.78
1/2	54.25	1/2	311.53	1/2	572.58	1/2	832.91	1/2	1,092.99	1/2	1,353.98	1/2	1,615.04	1/2	1,876.10	1/2	2,137.16	1/2	2,398.21
3/4	59.39	3/4	316.97	3/4	578.01	3/4	838.34	3/4	1,098.40	3/4	1,359.42	3/4	1,620.48	3/4	1,881.54	3/4	2,142.60	3/4	2,403.65
4	64.52	4	322.40	4	583.45	4	843.78	4	1,103.80	4	1,364.86	4	1,625.92	4	1,886.98	4	2,148.03	4	2,409.09
1/4	69.48	1/4	327.84	1/4	588.89	1/4	849.21	1/4	1,109.24	1/4	1,370.30	1/4	1,631.36	1/4	1,892.41	1/4	2,153.47	1/4	2,414.53
1/2	74.44	1/2	333.28	1/2	594.33	1/2	854.65	1/2	1,114.68	1/2	1,375.74	1/2	1,636.80	1/2	1,897.85	1/2	2,158.91	1/2	2,419.97
3/4	79.40	3/4	338.72	3/4	599.77	3/4	860.09	3/4	1,120.12	3/4	1,381.18	3/4	1,642.23	3/4	1,903.29	3/4	2,164.35	3/4	2,425.41
5	84.36	5	344.16	5	605.21	5	865.53	5	1,125.56	5	1,386.62	5	1,647.67	5	1,908.73	5	2,169.79	5	2,430.85
1/4	89.55	1/4	349.60	1/4	610.64	1/4	870.97	1/4	1,131.00	1/4	1,392.05	1/4	1,653.11	1/4	1,914.17	1/4	2,175.23	1/4	2,436.28
1/2	94.73	1/2	355.04	1/2	616.07	1/2	876.41	1/2	1,136.44	1/2	1,397.49	1/2	1,658.55	1/2	1,919.61	1/2	2,180.67	1/2	2,441.72
3/4	99.92	3/4	360.47	3/4	621.50	3/4	881.85	3/4	1,141.87	3/4	1,402.93	3/4	1,663.99	3/4	1,925.05	3/4	2,186.10	3/4	2,447.16
6	105.11	6	365.91	6	626.93	6	887.29	6	1,147.31	6	1,408.37	6	1,669.43	6	1,930.49	6	2,191.54	6	2,452.60
1/4	110.52	1/4	371.35	1/4	632.35	1/4	892.72	1/4	1,152.75	1/4	1,413.81	1/4	1,674.87	1/4	1,935.92	1/4	2,196.98	1/4	2,458.04
1/2	115.93	1/2	376.79	1/2	637.78	1/2	898.16	1/2	1,158.19	1/2	1,419.25	1/2	1,680.31	1/2	1,941.36	1/2	2,202.42	1/2	2,463.48
3/4	121.34	3/4	382.23	3/4	643.20	3/4	903.60	3/4	1,163.63	3/4	1,424.69	3/4	1,685.74	3/4	1,946.80	3/4	2,207.86	3/4	2,468.92
7	126.75	7	387.67	7	648.62	7	909.04	7	1,169.07	7	1,430.13	7	1,691.18	7	1,952.24	7	2,213.30	7	2,474.36
1/4	132.16	1/4	393.10	1/4	654.04	1/4	914.48	1/4	1,174.51	1/4	1,435.56	1/4	1,696.62	1/4	1,957.68	1/4	2,218.74	1/4	2,479.79
1/2	137.58	1/2	398.54	1/2	659.46	1/2	919.92	1/2	1,179.95	1/2	1,441.00	1/2	1,702.06	1/2	1,963.12	1/2	2,224.18	1/2	2,485.23
3/4	142.99	3/4	403.98	3/4	664.88	3/4	925.36	3/4	1,185.38	3/4	1,446.44	3/4	1,707.50	3/4	1,968.56	3/4	2,229.61	3/4	2,490.67
8	148.41	8	409.42	8	670.30	8	930.80	8	1,190.82	8	1,451.88	8	1,712.94	8	1,974.00	8	2,235.05	8	2,496.11
1/4	153.84	1/4	414.86	1/4	675.72	1/4	936.23	1/4	1,196.26	1/4	1,457.32	1/4	1,718.38	1/4	1,979.43	1/4	2,240.49	1/4	2,501.55
1/2	159.27	1/2	420.30	1/2	681.14	1/2	941.67	1/2	1,201.70	1/2	1,462.76	1/2	1,723.82	1/2	1,984.87	1/2	2,245.93	1/2	2,506.99
3/4	164.70	3/4	425.74	3/4	686.55	3/4	947.11	3/4	1,207.14	3/4	1,468.20	3/4	1,729.25	3/4	1,990.31	3/4	2,251.37	3/4	2,512.43
9	170.13	9	431.17	9	691.97	9	952.55	9	1,212.58	9	1,473.64	9	1,734.69	9	1,995.75	9	2,256.81	9	2,517.87
1/4	175.56	1/4	436.61	1/4	697.39	1/4	957.99	1/4	1,218.02	1/4	1,479.07	1/4	1,740.13	1/4	2,001.19	1/4	2,262.25	1/4	2,523.30
1/2	181.00	1/2	442.05	1/2	702.81	1/2	963.43	1/2	1,223.45	1/2	1,484.51	1/2	1,745.57	1/2	2,006.63	1/2	2,267.69	1/2	2,528.74
3/4	186.44	3/4	447.49	3/4	708.23	3/4	968.87	3/4	1,228.89	3/4	1,489.95	3/4	1,751.01	3/4	2,012.07	3/4	2,273.12	3/4	2,534.18
10	191.88	10	452.93	10	713.65	10	974.30	10	1,234.33	10	1,495.39	10	1,756.45	10	2,017.50	10	2,278.56	10	2,539.62
1/4	197.32	1/4	458.37	1/4	719.07	1/4	979.74	1/4	1,239.77	1/4	1,500.83	1/4	1,761.89	1/4	2,022.94	1/4	2,284.00	1/4	2,545.06
1/2	202.76	1/2	463.81	1/2	724.49	1/2	985.18	1/2	1,245.21	1/2	1,506.27	1/2	1,767.32	1/2	2,028.38	1/2	2,289.44	1/2	2,550.50
3/4	208.20	3/4	469.24	3/4	729.91	3/4	990.62	3/4	1,250.65	3/4	1,511.71	3/4	1,772.76	3/4	2,033.82	3/4	2,294.88	3/4	2,555.94
11	213.63	11	474.68	11	735.33	11	996.06	11	1,256.09	11	1,517.14	11	1,778.20	11	2,039.26	11	2,300.32	11	2,561.38
1/4	219.07	1/4	480.12	1/4	740.75	1/4	1,001.47	1/4	1,261.53	1/4	1,522.58	1/4	1,783.64	1/4	2,044.70	1/4	2,305.76	1/4	2,566.81
1/2	224.51	1/2	485.56	1/2	746.17	1/2	1,006.87	1/2	1,266.96	1/2	1,528.02	1/2	1,789.08	1/2	2,050.14	1/2	2,311.19	1/2	2,572.25
3/4	229.95	3/4	491.00	3/4	751.59	3/4	1,012.28	3/4	1,272.40	3/4	1,533.46	3/4	1,794.52	3/4	2,055.58	3/4	2,316.63	3/4	2,577.69

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

PEARLAND MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MPC 1012"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,583.13	0	2,843.80	0	3,104.13	0	3,364.24	0		0		0		0		0		0	
1/4	2,588.57	1/4	2,849.23	1/4	3,109.56	1/4	3,369.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,594.01	1/2	2,854.65	1/2	3,114.98	1/2	3,374.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,599.45	3/4	2,860.07	3/4	3,120.41	3/4	3,380.16	3/4		3/4		3/4		3/4		3/4		3/4	
1	2,604.88	1	2,865.50	1	3,125.83	1	3,385.47	1		1		1		1		1		1	
1/4	2,610.32	1/4	2,870.92	1/4	3,131.25	1/4	3,390.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,615.76	1/2	2,876.34	1/2	3,136.68	1/2	3,396.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,621.20	3/4	2,881.77	3/4	3,142.10	3/4	3,401.35	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,626.64	2	2,887.19	2	3,147.52	2	3,406.65	2		2		2		2		2		2	
1/4	2,632.08	1/4	2,892.61	1/4	3,152.95	1/4	3,411.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,637.52	1/2	2,898.04	1/2	3,158.37	1/2	3,416.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,642.96	3/4	2,903.46	3/4	3,163.79	3/4	3,422.15	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,648.39	3	2,908.88	3	3,169.22	3	3,427.32	3		3		3		3		3		3	
1/4	2,653.83	1/4	2,914.31	1/4	3,174.64	1/4	3,431.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,659.27	1/2	2,919.73	1/2	3,180.06	1/2	3,435.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,664.71	3/4	2,925.16	3/4	3,185.49	3/4	3,440.15	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,670.15	4	2,930.58	4	3,190.91	4	3,444.42	4		4		4		4		4		4	
1/4	2,675.59	1/4	2,936.00	1/4	3,196.34	1/4	3,447.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,681.03	1/2	2,941.43	1/2	3,201.76	1/2	3,449.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,686.47	3/4	2,946.85	3/4	3,207.18	3/4	3,452.19	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,691.90	5	2,952.27	5	3,212.61	5	3,454.79	5		5		5		5		5		5	
1/4	2,697.34	1/4	2,957.70	1/4	3,218.03	1/4	3,455.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,702.77	1/2	2,963.12	1/2	3,223.45	1/2	3,456.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,708.20	3/4	2,968.54	3/4	3,228.88	3/4	3,457.99	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,713.64	6	2,973.97	6	3,234.30	6	3,459.06	6		6		6		6		6		6	
1/4	2,719.06	1/4	2,979.39	1/4	3,239.72	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,724.48	1/2	2,984.82	1/2	3,245.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,729.91	3/4	2,990.24	3/4	3,250.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,735.33	7	2,995.66	7	3,256.00	7		7		7		7		7		7		7	
1/4	2,740.75	1/4	3,001.09	1/4	3,261.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,746.18	1/2	3,006.51	1/2	3,266.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,751.60	3/4	3,011.93	3/4	3,272.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,757.02	8	3,017.36	8	3,277.69	8		8		8		8		8		8		8	
1/4	2,762.45	1/4	3,022.78	1/4	3,283.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,767.87	1/2	3,028.20	1/2	3,288.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,773.29	3/4	3,033.63	3/4	3,293.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,778.72	9	3,039.05	9	3,299.38	9		9		9		9		9		9		9	
1/4	2,784.14	1/4	3,044.47	1/4	3,304.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,789.57	1/2	3,049.90	1/2	3,310.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,794.99	3/4	3,055.32	3/4	3,315.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,800.41	10	3,060.75	10	3,321.08	10		10		10		10		10		10		10	
1/4	2,805.84	1/4	3,066.17	1/4	3,326.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,811.26	1/2	3,071.59	1/2	3,331.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,816.68	3/4	3,077.02	3/4	3,337.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,822.11	11	3,082.44	11	3,342.77	11		11		11		11		11		11		11	
1/4	2,827.53	1/4	3,087.86	1/4	3,348.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,832.95	1/2	3,093.29	1/2	3,353.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,838.38	3/4	3,098.71	3/4	3,358.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2015 CL
CALCULATED: 01/23/2015 CL
PRINTED: 01/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "MPC 1012"

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	237.21	0	500.26	0	759.36	0	1,020.17	0	1,282.33	0	1,545.38	0	1,808.44	0	2,071.49	0	2,334.54
1/4	4.38	1/4	242.69	1/4	505.74	1/4	764.69	1/4	1,025.59	1/4	1,287.81	1/4	1,550.86	1/4	1,813.92	1/4	2,076.97	1/4	2,340.02
1/2	6.21	1/2	248.17	1/2	511.22	1/2	770.02	1/2	1,031.01	1/2	1,293.29	1/2	1,556.34	1/2	1,819.40	1/2	2,082.45	1/2	2,345.50
3/4	8.04	3/4	253.65	3/4	516.70	3/4	775.35	3/4	1,036.42	3/4	1,298.77	3/4	1,561.82	3/4	1,824.88	3/4	2,087.93	3/4	2,350.99
1	9.86	1	259.13	1	522.18	1	780.67	1	1,041.84	1	1,304.25	1	1,567.30	1	1,830.36	1	2,093.41	1	2,356.47
1/4	13.51	1/4	264.61	1/4	527.66	1/4	786.00	1/4	1,047.25	1/4	1,309.73	1/4	1,572.78	1/4	1,835.84	1/4	2,098.89	1/4	2,361.95
1/2	17.16	1/2	270.09	1/2	533.14	1/2	791.33	1/2	1,052.67	1/2	1,315.21	1/2	1,578.26	1/2	1,841.32	1/2	2,104.37	1/2	2,367.43
3/4	20.81	3/4	275.57	3/4	538.62	3/4	796.66	3/4	1,058.09	3/4	1,320.69	3/4	1,583.74	3/4	1,846.80	3/4	2,109.85	3/4	2,372.91
2	24.46	2	281.05	2	544.10	2	801.98	2	1,063.50	2	1,326.17	2	1,589.22	2	1,852.28	2	2,115.33	2	2,378.39
1/4	29.42	1/4	286.53	1/4	549.58	1/4	807.31	1/4	1,068.92	1/4	1,331.65	1/4	1,594.70	1/4	1,857.76	1/4	2,120.81	1/4	2,383.87
1/2	34.39	1/2	292.01	1/2	555.06	1/2	812.65	1/2	1,074.33	1/2	1,337.13	1/2	1,600.18	1/2	1,863.24	1/2	2,126.29	1/2	2,389.35
3/4	39.35	3/4	297.49	3/4	560.54	3/4	817.98	3/4	1,079.75	3/4	1,342.61	3/4	1,605.66	3/4	1,868.72	3/4	2,131.77	3/4	2,394.83
3	44.31	3	302.97	3	566.02	3	823.31	3	1,085.16	3	1,348.09	3	1,611.14	3	1,874.20	3	2,137.25	3	2,400.31
1/4	49.49	1/4	308.45	1/4	571.50	1/4	828.71	1/4	1,090.61	1/4	1,353.57	1/4	1,616.62	1/4	1,879.68	1/4	2,142.73	1/4	2,405.79
1/2	54.66	1/2	313.93	1/2	576.98	1/2	834.12	1/2	1,096.06	1/2	1,359.05	1/2	1,622.11	1/2	1,885.16	1/2	2,148.21	1/2	2,411.27
3/4	59.84	3/4	319.41	3/4	582.46	3/4	839.53	3/4	1,101.51	3/4	1,364.53	3/4	1,627.59	3/4	1,890.64	3/4	2,153.69	3/4	2,416.75
4	65.02	4	324.89	4	587.94	4	844.93	4	1,106.96	4	1,370.01	4	1,633.07	4	1,896.12	4	2,159.17	4	2,422.23
1/4	70.02	1/4	330.37	1/4	593.42	1/4	850.41	1/4	1,112.44	1/4	1,375.49	1/4	1,638.55	1/4	1,901.60	1/4	2,164.65	1/4	2,427.71
1/2	75.02	1/2	335.85	1/2	598.90	1/2	855.89	1/2	1,117.92	1/2	1,380.97	1/2	1,644.03	1/2	1,907.08	1/2	2,170.14	1/2	2,433.19
3/4	80.02	3/4	341.33	3/4	604.38	3/4	861.37	3/4	1,123.40	3/4	1,386.45	3/4	1,649.51	3/4	1,912.56	3/4	2,175.62	3/4	2,438.67
5	85.02	5	346.81	5	609.86	5	866.85	5	1,128.88	5	1,391.93	5	1,654.99	5	1,918.04	5	2,181.10	5	2,444.15
1/4	90.25	1/4	352.29	1/4	615.27	1/4	872.33	1/4	1,134.36	1/4	1,397.41	1/4	1,660.47	1/4	1,923.52	1/4	2,186.58	1/4	2,449.63
1/2	95.48	1/2	357.77	1/2	620.67	1/2	877.81	1/2	1,139.84	1/2	1,402.89	1/2	1,665.95	1/2	1,929.00	1/2	2,192.06	1/2	2,455.11
3/4	100.71	3/4	363.25	3/4	626.08	3/4	883.30	3/4	1,145.32	3/4	1,408.37	3/4	1,671.43	3/4	1,934.48	3/4	2,197.54	3/4	2,460.59
6	105.94	6	368.73	6	631.48	6	888.78	6	1,150.80	6	1,413.85	6	1,676.91	6	1,939.96	6	2,203.02	6	2,466.07
1/4	111.39	1/4	374.21	1/4	636.82	1/4	894.26	1/4	1,156.28	1/4	1,419.33	1/4	1,682.39	1/4	1,945.44	1/4	2,208.50	1/4	2,471.55
1/2	116.84	1/2	379.69	1/2	642.15	1/2	899.74	1/2	1,161.76	1/2	1,424.81	1/2	1,687.87	1/2	1,950.92	1/2	2,213.98	1/2	2,477.03
3/4	122.29	3/4	385.17	3/4	647.48	3/4	905.22	3/4	1,167.24	3/4	1,430.29	3/4	1,693.35	3/4	1,956.40	3/4	2,219.46	3/4	2,482.51
7	127.74	7	390.65	7	652.81	7	910.70	7	1,172.72	7	1,435.77	7	1,698.83	7	1,961.88	7	2,224.94	7	2,487.99
1/4	133.19	1/4	396.13	1/4	658.13	1/4	916.18	1/4	1,178.20	1/4	1,441.26	1/4	1,704.31	1/4	1,967.36	1/4	2,230.42	1/4	2,493.47
1/2	138.65	1/2	401.61	1/2	663.46	1/2	921.66	1/2	1,183.68	1/2	1,446.74	1/2	1,709.79	1/2	1,972.84	1/2	2,235.90	1/2	2,498.95
3/4	144.11	3/4	407.09	3/4	668.79	3/4	927.14	3/4	1,189.16	3/4	1,452.22	3/4	1,715.27	3/4	1,978.32	3/4	2,241.38	3/4	2,504.43
8	149.57	8	412.57	8	674.12	8	932.62	8	1,194.64	8	1,457.70	8	1,720.75	8	1,983.80	8	2,246.86	8	2,509.91
1/4	155.04	1/4	418.06	1/4	679.45	1/4	938.10	1/4	1,200.12	1/4	1,463.18	1/4	1,726.23	1/4	1,989.29	1/4	2,252.34	1/4	2,515.39
1/2	160.51	1/2	423.54	1/2	684.77	1/2	943.58	1/2	1,205.60	1/2	1,468.66	1/2	1,731.71	1/2	1,994.77	1/2	2,257.82	1/2	2,520.87
3/4	165.98	3/4	429.02	3/4	690.10	3/4	949.06	3/4	1,211.08	3/4	1,474.14	3/4	1,737.19	3/4	2,000.25	3/4	2,263.30	3/4	2,526.35
9	171.45	9	434.50	9	695.43	9	954.54	9	1,216.56	9	1,479.62	9	1,742.67	9	2,005.73	9	2,268.78	9	2,531.83
1/4	176.93	1/4	439.98	1/4	700.76	1/4	960.02	1/4	1,222.04	1/4	1,485.10	1/4	1,748.15	1/4	2,011.21	1/4	2,274.26	1/4	2,537.32
1/2	182.41	1/2	445.46	1/2	706.08	1/2	965.50	1/2	1,227.52	1/2	1,490.58	1/2	1,753.63	1/2	2,016.69	1/2	2,279.74	1/2	2,542.80
3/4	187.89	3/4	450.94	3/4	711.41	3/4	970.98	3/4	1,233.00	3/4	1,496.06	3/4	1,759.11	3/4	2,022.17	3/4	2,285.22	3/4	2,548.28
10	193.37	10	456.42	10	716.74	10	976.46	10	1,238.48	10	1,501.54	10	1,764.59	10	2,027.65	10	2,290.70	10	2,553.76
1/4	198.85	1/4	461.90	1/4	722.07	1/4	981.94	1/4	1,243.96	1/4	1,507.02	1/4	1,770.07	1/4	2,033.13	1/4	2,296.18	1/4	2,559.24
1/2	204.33	1/2	467.38	1/2	727.40	1/2	987.42	1/2	1,249.44	1/2	1,512.50	1/2	1,775.55	1/2	2,038.61	1/2	2,301.66	1/2	2,564.72
3/4	209.81	3/4	472.86	3/4	732.72	3/4	992.90	3/4	1,254.93	3/4	1,517.98	3/4	1,781.03	3/4	2,044.09	3/4	2,307.14	3/4	2,570.20
11	215.29	11	478.34	11	738.05	11	998.38	11	1,260.41	11	1,523.46	11	1,786.51	11	2,049.57	11	2,312.62	11	2,575.68
1/4	220.77	1/4	483.82	1/4	743.38	1/4	1,003.83	1/4	1,265.89	1/4	1,528.94	1/4	1,791.99	1/4	2,055.05	1/4	2,318.10	1/4	2,581.16
1/2	226.25	1/2	489.30	1/2	748.71	1/2	1,009.28	1/2	1,271.37	1/2	1,534.42	1/2	1,797.47	1/2	2,060.53	1/2	2,323.58	1/2	2,586.64
3/4	231.73	3/4	494.78	3/4	754.03	3/4	1,014.73	3/4	1,276.85	3/4	1,539.90	3/4	1,802.95	3/4	2,066.01	3/4	2,329.06	3/4	2,592.12

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 1012"

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	2,597.60	0	2,860.27	0	3,122.60	0	3,384.70	0		0		0		0		0		0	
1/4	2,603.08	1/4	2,865.73	1/4	3,128.06	1/4	3,390.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,608.56	1/2	2,871.20	1/2	3,133.53	1/2	3,395.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,614.04	3/4	2,876.66	3/4	3,138.99	3/4	3,400.75	3/4		3/4		3/4		3/4		3/4		3/4	
1	2,619.52	1	2,882.13	1	3,144.46	1	3,406.10	1		1		1		1		1		1	
1/4	2,625.00	1/4	2,887.59	1/4	3,149.92	1/4	3,411.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,630.48	1/2	2,893.06	1/2	3,155.39	1/2	3,416.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,635.96	3/4	2,898.52	3/4	3,160.85	3/4	3,422.12	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,641.44	2	2,903.99	2	3,166.32	2	3,427.46	2		2		2		2		2		2	
1/4	2,646.92	1/4	2,909.45	1/4	3,171.78	1/4	3,432.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,652.40	1/2	2,914.92	1/2	3,177.25	1/2	3,437.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,657.88	3/4	2,920.38	3/4	3,182.71	3/4	3,443.09	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,663.36	3	2,925.85	3	3,188.18	3	3,448.30	3		3		3		3		3		3	
1/4	2,668.84	1/4	2,931.31	1/4	3,193.64	1/4	3,452.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,674.32	1/2	2,936.78	1/2	3,199.11	1/2	3,456.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,679.80	3/4	2,942.24	3/4	3,204.57	3/4	3,461.22	3/4		3/4		3/4		3/4		3/4		3/4	
4	2,685.28	4	2,947.71	4	3,210.04	4	3,465.53	4		4		4		4		4		4	
1/4	2,690.76	1/4	2,953.18	1/4	3,215.50	1/4	3,468.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,696.24	1/2	2,958.64	1/2	3,220.97	1/2	3,470.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,701.72	3/4	2,964.11	3/4	3,226.44	3/4	3,473.37	3/4		3/4		3/4		3/4		3/4		3/4	
5	2,707.20	5	2,969.57	5	3,231.90	5	3,475.98	5		5		5		5		5		5	
1/4	2,712.68	1/4	2,975.04	1/4	3,237.37	1/4	3,477.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,718.15	1/2	2,980.50	1/2	3,242.83	1/2	3,478.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,723.63	3/4	2,985.97	3/4	3,248.30	3/4	3,479.21	3/4		3/4		3/4		3/4		3/4		3/4	
6	2,729.10	6	2,991.43	6	3,253.76	6	3,480.29	6		6		6		6		6		6	
1/4	2,734.57	1/4	2,996.90	1/4	3,259.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,740.03	1/2	3,002.36	1/2	3,264.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,745.50	3/4	3,007.83	3/4	3,270.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,750.96	7	3,013.29	7	3,275.62	7		7		7		7		7		7		7	
1/4	2,756.43	1/4	3,018.76	1/4	3,281.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,761.89	1/2	3,024.22	1/2	3,286.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,767.36	3/4	3,029.69	3/4	3,292.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,772.82	8	3,035.15	8	3,297.48	8		8		8		8		8		8		8	
1/4	2,778.29	1/4	3,040.62	1/4	3,302.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,783.75	1/2	3,046.08	1/2	3,308.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,789.22	3/4	3,051.55	3/4	3,313.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,794.68	9	3,057.01	9	3,319.34	9		9		9		9		9		9		9	
1/4	2,800.15	1/4	3,062.48	1/4	3,324.81	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,805.61	1/2	3,067.94	1/2	3,330.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,811.08	3/4	3,073.41	3/4	3,335.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,816.55	10	3,078.87	10	3,341.20	10		10		10		10		10		10		10	
1/4	2,822.01	1/4	3,084.34	1/4	3,346.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,827.48	1/2	3,089.81	1/2	3,352.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,832.94	3/4	3,095.27	3/4	3,357.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,838.41	11	3,100.74	11	3,363.07	11		11		11		11		11		11		11	
1/4	2,843.87	1/4	3,106.20	1/4	3,368.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,849.34	1/2	3,111.67	1/2	3,373.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,854.80	3/4	3,117.13	3/4	3,379.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2015 CL
CALCULATED: 01/23/2015 CL
PRINTED: 01/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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



BARGE "MPC 1012"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09"

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	271.95	0	569.00	0	865.48	0	1,162.31	0	1,458.38	0	1,754.64	0	2,051.65	0	2,348.66	0	2,645.67
1/4	8.20	1/4	278.14	1/4	575.18	1/4	871.66	1/4	1,168.43	1/4	1,464.55	1/4	1,760.83	1/4	2,057.84	1/4	2,354.85	1/4	2,651.86
1/2	10.27	1/2	284.33	1/2	581.37	1/2	877.84	1/2	1,174.56	1/2	1,470.72	1/2	1,767.02	1/2	2,064.03	1/2	2,361.04	1/2	2,658.05
3/4	12.33	3/4	290.52	3/4	587.56	3/4	884.03	3/4	1,180.68	3/4	1,476.88	3/4	1,773.21	3/4	2,070.22	3/4	2,367.23	3/4	2,664.24
1	14.40	1	296.71	1	593.75	1	890.21	1	1,186.80	1	1,483.05	1	1,779.40	1	2,076.40	1	2,373.41	1	2,670.42
1/4	18.53	1/4	302.90	1/4	599.94	1/4	896.39	1/4	1,192.93	1/4	1,489.22	1/4	1,785.58	1/4	2,082.59	1/4	2,379.60	1/4	2,676.61
1/2	22.66	1/2	309.08	1/2	606.13	1/2	902.57	1/2	1,199.05	1/2	1,495.39	1/2	1,791.77	1/2	2,088.78	1/2	2,385.79	1/2	2,682.80
3/4	26.79	3/4	315.27	3/4	612.32	3/4	908.76	3/4	1,205.17	3/4	1,501.56	3/4	1,797.96	3/4	2,094.97	3/4	2,391.98	3/4	2,688.99
2	30.91	2	321.46	2	618.50	2	914.94	2	1,211.30	2	1,507.72	2	1,804.15	2	2,101.16	2	2,398.17	2	2,695.17
1/4	36.53	1/4	327.65	1/4	624.69	1/4	921.12	1/4	1,217.42	1/4	1,513.89	1/4	1,810.33	1/4	2,107.34	1/4	2,404.35	1/4	2,701.36
1/2	42.14	1/2	333.84	1/2	630.88	1/2	927.31	1/2	1,223.54	1/2	1,520.06	1/2	1,816.52	1/2	2,113.53	1/2	2,410.54	1/2	2,707.55
3/4	47.76	3/4	340.03	3/4	637.07	3/4	933.49	3/4	1,229.67	3/4	1,526.23	3/4	1,822.71	3/4	2,119.72	3/4	2,416.73	3/4	2,713.74
3	53.37	3	346.21	3	643.26	3	939.68	3	1,235.79	3	1,532.40	3	1,828.90	3	2,125.91	3	2,422.92	3	2,719.93
1/4	59.26	1/4	352.40	1/4	649.45	1/4	945.87	1/4	1,241.94	1/4	1,538.56	1/4	1,835.08	1/4	2,132.09	1/4	2,429.10	1/4	2,726.11
1/2	65.14	1/2	358.59	1/2	655.63	1/2	952.05	1/2	1,248.10	1/2	1,544.73	1/2	1,841.27	1/2	2,138.28	1/2	2,435.29	1/2	2,732.30
3/4	71.03	3/4	364.78	3/4	661.82	3/4	958.24	3/4	1,254.25	3/4	1,550.90	3/4	1,847.46	3/4	2,144.47	3/4	2,441.48	3/4	2,738.49
4	76.91	4	370.97	4	668.01	4	964.43	4	1,260.41	4	1,557.07	4	1,853.65	4	2,150.66	4	2,447.67	4	2,744.68
1/4	82.82	1/4	377.16	1/4	674.20	1/4	970.62	1/4	1,266.60	1/4	1,563.24	1/4	1,859.84	1/4	2,156.84	1/4	2,453.85	1/4	2,750.86
1/2	88.34	1/2	383.34	1/2	680.39	1/2	976.81	1/2	1,272.79	1/2	1,569.41	1/2	1,866.02	1/2	2,163.03	1/2	2,460.04	1/2	2,757.05
3/4	94.05	3/4	389.53	3/4	686.58	3/4	982.99	3/4	1,278.97	3/4	1,575.57	3/4	1,872.21	3/4	2,169.22	3/4	2,466.23	3/4	2,763.24
5	99.76	5	395.72	5	692.76	5	989.18	5	1,285.16	5	1,581.74	5	1,878.40	5	2,175.41	5	2,472.42	5	2,769.43
1/4	105.71	1/4	401.91	1/4	698.94	1/4	995.37	1/4	1,291.35	1/4	1,587.91	1/4	1,884.59	1/4	2,181.60	1/4	2,478.61	1/4	2,775.61
1/2	111.65	1/2	408.10	1/2	705.12	1/2	1,001.56	1/2	1,297.54	1/2	1,594.08	1/2	1,890.77	1/2	2,187.78	1/2	2,484.79	1/2	2,781.80
3/4	117.60	3/4	414.29	3/4	711.30	3/4	1,007.74	3/4	1,303.72	3/4	1,600.25	3/4	1,896.96	3/4	2,193.97	3/4	2,490.98	3/4	2,787.99
6	123.55	6	420.47	6	717.48	6	1,013.93	6	1,309.91	6	1,606.41	6	1,903.15	6	2,200.16	6	2,497.17	6	2,794.18
1/4	129.71	1/4	426.66	1/4	723.65	1/4	1,020.12	1/4	1,316.10	1/4	1,612.58	1/4	1,909.34	1/4	2,206.35	1/4	2,503.36	1/4	2,800.37
1/2	135.88	1/2	432.85	1/2	729.82	1/2	1,026.31	1/2	1,322.29	1/2	1,618.75	1/2	1,915.52	1/2	2,212.53	1/2	2,509.54	1/2	2,806.55
3/4	142.05	3/4	439.04	3/4	735.99	3/4	1,032.49	3/4	1,328.47	3/4	1,624.92	3/4	1,921.71	3/4	2,218.72	3/4	2,515.73	3/4	2,812.74
7	148.22	7	445.23	7	742.15	7	1,038.68	7	1,334.66	7	1,631.09	7	1,927.90	7	2,224.91	7	2,521.92	7	2,818.93
1/4	154.40	1/4	451.42	1/4	748.32	1/4	1,044.87	1/4	1,340.85	1/4	1,637.25	1/4	1,934.09	1/4	2,231.10	1/4	2,528.11	1/4	2,825.12
1/2	160.58	1/2	457.61	1/2	754.48	1/2	1,051.06	1/2	1,347.04	1/2	1,643.42	1/2	1,940.28	1/2	2,237.29	1/2	2,534.29	1/2	2,831.30
3/4	166.75	3/4	463.79	3/4	760.65	3/4	1,057.25	3/4	1,353.23	3/4	1,649.59	3/4	1,946.46	3/4	2,243.47	3/4	2,540.48	3/4	2,837.49
8	172.93	8	469.98	8	766.81	8	1,063.43	8	1,359.41	8	1,655.76	8	1,952.65	8	2,249.66	8	2,546.67	8	2,843.68
1/4	179.12	1/4	476.17	1/4	772.98	1/4	1,069.62	1/4	1,365.60	1/4	1,661.93	1/4	1,958.84	1/4	2,255.85	1/4	2,552.86	1/4	2,849.87
1/2	185.31	1/2	482.36	1/2	779.14	1/2	1,075.81	1/2	1,371.79	1/2	1,668.09	1/2	1,965.03	1/2	2,262.04	1/2	2,559.05	1/2	2,856.05
3/4	191.49	3/4	488.55	3/4	785.30	3/4	1,082.00	3/4	1,377.98	3/4	1,674.26	3/4	1,971.21	3/4	2,268.22	3/4	2,565.23	3/4	2,862.24
9	197.68	9	494.74	9	791.47	9	1,088.18	9	1,384.16	9	1,680.43	9	1,977.40	9	2,274.41	9	2,571.42	9	2,868.43
1/4	203.87	1/4	500.92	1/4	797.63	1/4	1,094.37	1/4	1,390.35	1/4	1,686.61	1/4	1,983.59	1/4	2,280.60	1/4	2,577.61	1/4	2,874.63
1/2	210.06	1/2	507.11	1/2	803.80	1/2	1,100.56	1/2	1,396.54	1/2	1,692.79	1/2	1,989.78	1/2	2,286.79	1/2	2,583.80	1/2	2,880.82
3/4	216.25	3/4	513.30	3/4	809.96	3/4	1,106.75	3/4	1,402.73	3/4	1,698.96	3/4	1,995.96	3/4	2,292.97	3/4	2,589.98	3/4	2,887.02
10	222.45	10	519.49	10	816.13	10	1,112.93	10	1,408.91	10	1,705.14	10	2,002.15	10	2,299.16	10	2,596.17	10	2,893.22
1/4	228.63	1/4	525.68	1/4	822.29	1/4	1,119.12	1/4	1,415.10	1/4	1,711.33	1/4	2,008.34	1/4	2,305.35	1/4	2,602.36	1/4	2,898.88
1/2	234.82	1/2	531.87	1/2	828.46	1/2	1,125.31	1/2	1,421.29	1/2	1,717.52	1/2	2,014.53	1/2	2,311.54	1/2	2,608.55	1/2	2,904.54
3/4	241.01	3/4	538.05	3/4	834.62	3/4	1,131.50	3/4	1,427.48	3/4	1,723.71	3/4	2,020.72	3/4	2,317.73	3/4	2,614.73	3/4	2,910.20
11	247.20	11	544.24	11	840.78	11	1,137.69	11	1,433.67	11	1,729.89	11	2,026.90	11	2,323.91	11	2,620.92	11	2,915.85
1/4	253.39	1/4	550.43	1/4	846.96	1/4	1,143.84	1/4	1,439.84	1/4	1,736.08	1/4	2,033.09	1/4	2,330.10	1/4	2,627.11	1/4	2,920.97
1/2	259.58	1/2	556.62	1/2	853.13	1/2	1,150.00	1/2	1,446.02	1/2	1,742.27	1/2	2,039.28	1/2	2,336.29	1/2	2,633.30	1/2	2,926.09
3/4	265.76	3/4	562.81	3/4	859.31	3/4	1,156.15	3/4	1,452.20	3/4	1,748.46	3/4	2,045.47	3/4	2,342.48	3/4	2,639.49	3/4	2,931.21

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 1012"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-09"

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	2,936.32	0	3,181.55	0	3,426.46	0	3,671.12	0		0		0		0		0		0	
1/4	2,941.44	1/4	3,186.66	1/4	3,431.56	1/4	3,676.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,946.56	1/2	3,191.76	1/2	3,436.66	1/2	3,681.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,951.67	3/4	3,196.86	3/4	3,441.76	3/4	3,686.08	3/4		3/4		3/4		3/4		3/4		3/4	
1	2,956.79	1	3,201.96	1	3,446.86	1	3,691.07	1		1		1		1		1		1	
1/4	2,961.91	1/4	3,207.07	1/4	3,451.97	1/4	3,696.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,967.03	1/2	3,212.17	1/2	3,457.07	1/2	3,701.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,972.14	3/4	3,217.27	3/4	3,462.17	3/4	3,705.99	3/4		3/4		3/4		3/4		3/4		3/4	
2	2,977.26	2	3,222.37	2	3,467.27	2	3,710.96	2		2		2		2		2		2	
1/4	2,982.38	1/4	3,227.47	1/4	3,472.37	1/4	3,715.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,987.49	1/2	3,232.58	1/2	3,477.48	1/2	3,720.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,992.61	3/4	3,237.68	3/4	3,482.58	3/4	3,725.44	3/4		3/4		3/4		3/4		3/4		3/4	
3	2,997.73	3	3,242.78	3	3,487.68	3	3,730.27	3		3		3		3		3		3	
1/4	3,002.85	1/4	3,247.88	1/4	3,492.78	1/4	3,734.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,007.96	1/2	3,252.98	1/2	3,497.89	1/2	3,737.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,013.08	3/4	3,258.09	3/4	3,502.99	3/4	3,741.70	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,018.20	4	3,263.19	4	3,508.09	4	3,745.50	4		4		4		4		4		4	
1/4	3,023.32	1/4	3,268.29	1/4	3,513.19	1/4	3,747.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,028.43	1/2	3,273.39	1/2	3,518.29	1/2	3,749.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,033.55	3/4	3,278.49	3/4	3,523.40	3/4	3,751.17	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,038.67	5	3,283.60	5	3,528.50	5	3,753.06	5		5		5		5		5		5	
1/4	3,043.78	1/4	3,288.70	1/4	3,533.60	1/4	3,753.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,048.89	1/2	3,293.80	1/2	3,538.70	1/2	3,754.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,053.99	3/4	3,298.90	3/4	3,543.80	3/4	3,755.11	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,059.10	6	3,304.01	6	3,548.91	6	3,755.80	6		6		6		6		6		6	
1/4	3,064.21	1/4	3,309.11	1/4	3,554.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,069.31	1/2	3,314.21	1/2	3,559.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,074.41	3/4	3,319.31	3/4	3,564.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,079.51	7	3,324.41	7	3,569.31	7		7		7		7		7		7		7	
1/4	3,084.61	1/4	3,329.52	1/4	3,574.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,089.72	1/2	3,334.62	1/2	3,579.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,094.82	3/4	3,339.72	3/4	3,584.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,099.92	8	3,344.82	8	3,589.72	8		8		8		8		8		8		8	
1/4	3,105.02	1/4	3,349.92	1/4	3,594.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,110.13	1/2	3,355.03	1/2	3,599.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,115.23	3/4	3,360.13	3/4	3,605.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,120.33	9	3,365.23	9	3,610.13	9		9		9		9		9		9		9	
1/4	3,125.43	1/4	3,370.33	1/4	3,615.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,130.53	1/2	3,375.43	1/2	3,620.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,135.64	3/4	3,380.54	3/4	3,625.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,140.74	10	3,385.64	10	3,630.54	10		10		10		10		10		10		10	
1/4	3,145.84	1/4	3,390.74	1/4	3,635.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,150.94	1/2	3,395.84	1/2	3,640.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,156.04	3/4	3,400.95	3/4	3,645.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,161.15	11	3,406.05	11	3,650.95	11		11		11		11		11		11		11	
1/4	3,166.25	1/4	3,411.15	1/4	3,655.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,171.35	1/2	3,416.25	1/2	3,661.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,176.45	3/4	3,421.35	3/4	3,666.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2015 CL
CALCULATED: 01/23/2015 CL
PRINTED: 01/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2015

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