



# BARGE "MPC 913"

## 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	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-7/8	- 01-7/8
1 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-7/8	- 01-7/8
2 PORT	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
2 STBD	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	01-7/8	- 01-7/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8

(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 PORT IS - 00-5/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

May 27, 2014

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MPC 913"

## SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-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	0	0	389	0	778	0	1,168	0		0		0		0		0		0	
1/4	8	1/4	397	1/4	787	1/4	1,176	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	16	1/2	405	1/2	795	1/2	1,184	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	24	3/4	414	3/4	803	3/4	1,192	3/4		3/4		3/4		3/4		3/4		3/4	
1	32	1	422	1	811	1	1,200	1		1		1		1		1		1	
1/4	41	1/4	430	1/4	819	1/4	1,208	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	49	1/2	438	1/2	827	1/2	1,216	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	57	3/4	446	3/4	835	3/4	1,224	3/4		3/4		3/4		3/4		3/4		3/4	
2	65	2	454	2	843	2	1,232	2		2		2		2		2		2	
1/4	73	1/4	462	1/4	851	1/4	1,241	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	81	1/2	470	1/2	859	1/2	1,249	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	89	3/4	478	3/4	868	3/4	1,257	3/4		3/4		3/4		3/4		3/4		3/4	
3	97	3	487	3	876	3	1,265	3		3		3		3		3		3	
1/4	105	1/4	495	1/4	884	1/4	1,273	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114	1/2	503	1/2	892	1/2	1,281	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122	3/4	511	3/4	900	3/4	1,289	3/4		3/4		3/4		3/4		3/4		3/4	
4	130	4	519	4	908	4	1,297	4		4		4		4		4		4	
1/4	138	1/4	527	1/4	916	1/4	1,305	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	146	1/2	535	1/2	924	1/2	1,314	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154	3/4	543	3/4	932	3/4	1,322	3/4		3/4		3/4		3/4		3/4		3/4	
5	162	5	551	5	941	5	1,330	5		5		5		5		5		5	
1/4	170	1/4	559	1/4	949	1/4	1,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	178	1/2	568	1/2	957	1/2	1,336	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	186	3/4	576	3/4	965	3/4	1,340	3/4		3/4		3/4		3/4		3/4		3/4	
6	195	6	584	6	973	6	1,343	6		6		6		6		6		6	
1/4	203	1/4	592	1/4	981	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	211	1/2	600	1/2	989	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	219	3/4	608	3/4	997	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	227	7	616	7	1,005	7		7		7		7		7		7		7	
1/4	235	1/4	624	1/4	1,014	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	632	1/2	1,022	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	251	3/4	641	3/4	1,030	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	259	8	649	8	1,038	8		8		8		8		8		8		8	
1/4	268	1/4	657	1/4	1,046	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	276	1/2	665	1/2	1,054	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	284	3/4	673	3/4	1,062	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	292	9	681	9	1,070	9		9		9		9		9		9		9	
1/4	300	1/4	689	1/4	1,078	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	308	1/2	697	1/2	1,087	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	316	3/4	705	3/4	1,095	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	324	10	714	10	1,103	10		10		10		10		10		10		10	
1/4	332	1/4	722	1/4	1,111	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	341	1/2	730	1/2	1,119	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	349	3/4	738	3/4	1,127	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	357	11	746	11	1,135	11		11		11		11		11		11		11	
1/4	365	1/4	754	1/4	1,143	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	373	1/2	762	1/2	1,151	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	381	3/4	770	3/4	1,160	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 AT GAUGE POINT  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 2" DIAMETER PIPE

STRAPPED: 05/27/2014 SW  
CALCULATED: 05/27/2014 CL  
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT  
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# BARGE "MPC 913"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE 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	
1/2	1	1/2	89	1/2	215	1/2	325	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	
1	2	1	94	1	220	1	328	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	
1/2	4	1/2	99	1/2	225	1/2	331	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	
2	6	2	104	2	230	2	334	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	
1/2	9	1/2	109	1/2	236	1/2	337	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	11	3	114	3	241	3	340	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	
1/2	14	1/2	119	1/2	246	1/2	342	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	
4	17	4	124	4	251	4	344	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	
1/2	21	1/2	130	1/2	256	1/2	345	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	
5	24	5	135	5	261	5	347	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	
1/2	28	1/2	140	1/2	266	1/2	347	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	29	3/4	143	3/4	268	3/4	347	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	
1/4	33	1/4	148	1/4	273	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	
3/4	37	3/4	154	3/4	277	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	
1/4	41	1/4	159	1/4	282	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	
3/4	45	3/4	164	3/4	287	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	
1/4	49	1/4	170	1/4	291	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	
3/4	54	3/4	175	3/4	296	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	
1/4	58	1/4	180	1/4	300	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	
3/4	63	3/4	186	3/4	304	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	
1/4	67	1/4	191	1/4	308	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	
3/4	72	3/4	196	3/4	312	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	
1/4	77	1/4	202	1/4	316	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	
3/4	82	3/4	207	3/4	320	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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# BARGE "MPC 913"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	19.97	0	364.86	0	721.94	0	1,066.82	0	1,419.95	0	1,776.36	0	2,133.13	0	2,490.00	0	2,846.67	0	3,203.22
1/4	25.09	1/4	372.30	1/4	729.37	1/4	1,073.92	1/4	1,427.38	1/4	1,783.79	1/4	2,140.56	1/4	2,497.43	1/4	2,854.10	1/4	3,210.64
1/2	30.21	1/2	379.74	1/2	736.81	1/2	1,081.03	1/2	1,434.81	1/2	1,791.22	1/2	2,148.00	1/2	2,504.87	1/2	2,861.52	1/2	3,218.05
3/4	35.34	3/4	387.18	3/4	744.25	3/4	1,088.13	3/4	1,442.24	3/4	1,798.65	3/4	2,155.43	3/4	2,512.30	3/4	2,868.95	3/4	3,225.47
1	40.46	1	394.62	1	751.69	1	1,095.24	1	1,449.67	1	1,806.08	1	2,162.87	1	2,519.74	1	2,876.38	1	3,232.89
1/4	47.20	1/4	402.06	1/4	759.13	1/4	1,102.35	1/4	1,457.10	1/4	1,813.51	1/4	2,170.30	1/4	2,527.17	1/4	2,883.81	1/4	3,240.30
1/2	53.94	1/2	409.50	1/2	766.57	1/2	1,109.45	1/2	1,464.53	1/2	1,820.94	1/2	2,177.74	1/2	2,534.61	1/2	2,891.24	1/2	3,247.72
3/4	60.68	3/4	416.94	3/4	774.01	3/4	1,116.56	3/4	1,471.96	3/4	1,828.37	3/4	2,185.17	3/4	2,542.04	3/4	2,898.67	3/4	3,255.14
2	67.43	2	424.38	2	781.45	2	1,123.67	2	1,479.39	2	1,835.79	2	2,192.61	2	2,549.48	2	2,906.10	2	3,262.55
1/4	74.84	1/4	431.81	1/4	788.81	1/4	1,130.86	1/4	1,486.82	1/4	1,843.22	1/4	2,200.04	1/4	2,556.91	1/4	2,913.52	1/4	3,269.97
1/2	82.26	1/2	439.25	1/2	796.17	1/2	1,138.05	1/2	1,494.25	1/2	1,850.65	1/2	2,207.48	1/2	2,564.35	1/2	2,920.95	1/2	3,277.39
3/4	89.68	3/4	446.69	3/4	803.53	3/4	1,145.24	3/4	1,501.69	3/4	1,858.08	3/4	2,214.91	3/4	2,571.78	3/4	2,928.38	3/4	3,284.80
3	97.10	3	454.13	3	810.90	3	1,152.43	3	1,509.12	3	1,865.51	3	2,222.35	3	2,579.22	3	2,935.81	3	3,292.22
1/4	104.53	1/4	461.57	1/4	818.03	1/4	1,159.86	1/4	1,516.54	1/4	1,872.94	1/4	2,229.78	1/4	2,586.65	1/4	2,943.24	1/4	3,299.64
1/2	111.96	1/2	469.01	1/2	825.17	1/2	1,167.30	1/2	1,523.97	1/2	1,880.37	1/2	2,237.22	1/2	2,594.08	1/2	2,950.67	1/2	3,307.06
3/4	119.39	3/4	476.45	3/4	832.30	3/4	1,174.73	3/4	1,531.40	3/4	1,887.80	3/4	2,244.65	3/4	2,601.52	3/4	2,958.10	3/4	3,314.47
4	126.82	4	483.89	4	839.44	4	1,182.16	4	1,538.83	4	1,895.23	4	2,252.08	4	2,608.95	4	2,965.52	4	3,321.89
1/4	134.26	1/4	491.33	1/4	846.57	1/4	1,189.59	1/4	1,546.25	1/4	1,902.66	1/4	2,259.52	1/4	2,616.38	1/4	2,972.95	1/4	3,329.31
1/2	141.70	1/2	498.77	1/2	853.69	1/2	1,197.02	1/2	1,553.68	1/2	1,910.09	1/2	2,266.95	1/2	2,623.81	1/2	2,980.38	1/2	3,336.72
3/4	149.13	3/4	506.20	3/4	860.82	3/4	1,204.45	3/4	1,561.10	3/4	1,917.52	3/4	2,274.39	3/4	2,631.24	3/4	2,987.81	3/4	3,344.14
5	156.57	5	513.64	5	867.95	5	1,211.88	5	1,568.52	5	1,924.95	5	2,281.82	5	2,638.67	5	2,995.24	5	3,351.56
1/4	164.01	1/4	521.08	1/4	875.05	1/4	1,219.31	1/4	1,575.94	1/4	1,932.38	1/4	2,289.26	1/4	2,646.09	1/4	3,002.67	1/4	3,358.98
1/2	171.45	1/2	528.52	1/2	882.15	1/2	1,226.74	1/2	1,583.37	1/2	1,939.82	1/2	2,296.69	1/2	2,653.52	1/2	3,010.10	1/2	3,366.39
3/4	178.89	3/4	535.96	3/4	889.26	3/4	1,234.17	3/4	1,590.79	3/4	1,947.25	3/4	2,304.13	3/4	2,660.95	3/4	3,017.52	3/4	3,373.81
6	186.33	6	543.40	6	896.36	6	1,241.60	6	1,598.21	6	1,954.68	6	2,311.56	6	2,668.38	6	3,024.95	6	3,381.23
1/4	193.77	1/4	550.84	1/4	903.46	1/4	1,249.03	1/4	1,605.63	1/4	1,962.12	1/4	2,319.00	1/4	2,675.81	1/4	3,032.38	1/4	3,388.21
1/2	201.21	1/2	558.28	1/2	910.56	1/2	1,256.47	1/2	1,613.06	1/2	1,969.55	1/2	2,326.43	1/2	2,683.24	1/2	3,039.81	1/2	3,395.19
3/4	208.64	3/4	565.72	3/4	917.67	3/4	1,263.90	3/4	1,620.48	3/4	1,976.99	3/4	2,333.87	3/4	2,690.67	3/4	3,047.24	3/4	3,402.17
7	216.08	7	573.16	7	924.77	7	1,271.33	7	1,627.90	7	1,984.42	7	2,341.30	7	2,698.09	7	3,054.67	7	3,409.16
1/4	223.52	1/4	580.59	1/4	931.87	1/4	1,278.76	1/4	1,635.32	1/4	1,991.86	1/4	2,348.74	1/4	2,705.52	1/4	3,062.10	1/4	3,414.84
1/2	230.96	1/2	588.03	1/2	938.97	1/2	1,286.19	1/2	1,642.75	1/2	1,999.29	1/2	2,356.17	1/2	2,712.95	1/2	3,069.52	1/2	3,420.52
3/4	238.40	3/4	595.47	3/4	946.08	3/4	1,293.62	3/4	1,650.17	3/4	2,006.73	3/4	2,363.61	3/4	2,720.38	3/4	3,076.95	3/4	3,426.21
8	245.84	8	602.91	8	953.18	8	1,301.05	8	1,657.59	8	2,014.17	8	2,371.04	8	2,727.81	8	3,084.38	8	3,431.89
1/4	253.28	1/4	610.35	1/4	960.28	1/4	1,308.48	1/4	1,665.01	1/4	2,021.60	1/4	2,378.48	1/4	2,735.24	1/4	3,091.81	1/4	3,437.58
1/2	260.72	1/2	617.79	1/2	967.38	1/2	1,315.91	1/2	1,672.44	1/2	2,029.04	1/2	2,385.91	1/2	2,742.67	1/2	3,099.24	1/2	3,443.27
3/4	268.16	3/4	625.23	3/4	974.49	3/4	1,323.34	3/4	1,679.86	3/4	2,036.47	3/4	2,393.35	3/4	2,750.09	3/4	3,106.67	3/4	3,448.97
9	275.60	9	632.67	9	981.59	9	1,330.77	9	1,687.28	9	2,043.91	9	2,400.78	9	2,757.52	9	3,114.10	9	3,454.66
1/4	283.03	1/4	640.11	1/4	988.69	1/4	1,338.21	1/4	1,694.70	1/4	2,051.34	1/4	2,408.22	1/4	2,764.95	1/4	3,121.52	1/4	3,460.35
1/2	290.47	1/2	647.55	1/2	995.79	1/2	1,345.64	1/2	1,702.13	1/2	2,058.78	1/2	2,415.65	1/2	2,772.38	1/2	3,128.95	1/2	3,466.04
3/4	297.91	3/4	654.98	3/4	1,002.90	3/4	1,353.07	3/4	1,709.55	3/4	2,066.21	3/4	2,423.09	3/4	2,779.81	3/4	3,136.38	3/4	3,471.74
10	305.35	10	662.42	10	1,010.00	10	1,360.50	10	1,716.97	10	2,073.65	10	2,430.52	10	2,787.24	10	3,143.81	10	3,477.43
1/4	312.79	1/4	669.86	1/4	1,017.10	1/4	1,367.93	1/4	1,724.40	1/4	2,081.08	1/4	2,437.95	1/4	2,794.67	1/4	3,151.24	1/4	3,483.12
1/2	320.23	1/2	677.30	1/2	1,024.20	1/2	1,375.36	1/2	1,731.82	1/2	2,088.52	1/2	2,445.39	1/2	2,802.09	1/2	3,158.67	1/2	3,488.81
3/4	327.67	3/4	684.74	3/4	1,031.31	3/4	1,382.79	3/4	1,739.24	3/4	2,095.95	3/4	2,452.82	3/4	2,809.52	3/4	3,166.09	3/4	3,494.51
11	335.11	11	692.18	11	1,038.41	11	1,390.22	11	1,746.66	11	2,103.39	11	2,460.26	11	2,816.95	11	3,173.52	11	3,500.20
1/4	342.55	1/4	699.62	1/4	1,045.51	1/4	1,397.65	1/4	1,754.09	1/4	2,110.82	1/4	2,467.69	1/4	2,824.38	1/4	3,180.95	1/4	3,505.90
1/2	349.99	1/2	707.06	1/2	1,052.62	1/2	1,405.08	1/2	1,761.51	1/2	2,118.26	1/2	2,475.13	1/2	2,831.81	1/2	3,188.37	1/2	3,511.59
3/4	357.42	3/4	714.50	3/4	1,059.72	3/4	1,412.51	3/4	1,768.94	3/4	2,125.69	3/4	2,482.56	3/4	2,839.24	3/4	3,195.80	3/4	3,517.29

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 11'-00" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "MPC 913"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,522.99	0	3,797.14	0	4,066.80	0	4,335.51	0	4,602.49	0		0		0		0		0	
1/4	3,528.70	1/4	3,802.82	1/4	4,072.42	1/4	4,341.11	1/4	4,607.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,534.41	1/2	3,808.51	1/2	4,078.03	1/2	4,346.70	1/2	4,612.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,540.12	3/4	3,814.20	3/4	4,083.64	3/4	4,352.29	3/4	4,616.76	3/4		3/4		3/4		3/4		3/4	
1	3,545.83	1	3,819.88	1	4,089.25	1	4,357.89	1	4,621.52	1		1		1		1		1	
1/4	3,551.54	1/4	3,825.49	1/4	4,094.86	1/4	4,363.48	1/4	4,625.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,557.26	1/2	3,831.11	1/2	4,100.48	1/2	4,369.08	1/2	4,629.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,562.97	3/4	3,836.72	3/4	4,106.09	3/4	4,374.67	3/4	4,633.90	3/4		3/4		3/4		3/4		3/4	
2	3,568.68	2	3,842.33	2	4,111.70	2	4,380.26	2	4,638.03	2		2		2		2		2	
1/4	3,574.39	1/4	3,847.94	1/4	4,117.31	1/4	4,385.86	1/4	4,642.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,580.10	1/2	3,853.55	1/2	4,122.92	1/2	4,391.45	1/2	4,646.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.81	3/4	3,859.16	3/4	4,128.52	3/4	4,397.04	3/4	4,651.13	3/4		3/4		3/4		3/4		3/4	
3	3,591.52	3	3,864.78	3	4,134.13	3	4,402.64	3	4,655.49	3		3		3		3		3	
1/4	3,597.24	1/4	3,870.39	1/4	4,139.73	1/4	4,408.23	1/4	4,658.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.95	1/2	3,876.00	1/2	4,145.32	1/2	4,413.83	1/2	4,662.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.66	3/4	3,881.61	3/4	4,150.91	3/4	4,419.42	3/4	4,665.40	3/4		3/4		3/4		3/4		3/4	
4	3,614.37	4	3,887.22	4	4,156.51	4	4,425.01	4	4,668.70	4		4		4		4		4	
1/4	3,620.08	1/4	3,892.84	1/4	4,162.10	1/4	4,430.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,625.79	1/2	3,898.45	1/2	4,167.70	1/2	4,436.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.50	3/4	3,904.06	3/4	4,173.29	3/4	4,441.80	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,637.22	5	3,909.67	5	4,178.88	5	4,447.39	5		5		5		5		5		5	
1/4	3,642.93	1/4	3,915.28	1/4	4,184.48	1/4	4,452.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,648.64	1/2	3,920.90	1/2	4,190.07	1/2	4,458.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,654.35	3/4	3,926.51	3/4	4,195.66	3/4	4,464.17	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,660.06	6	3,932.12	6	4,201.26	6	4,469.77	6		6		6		6		6		6	
1/4	3,665.77	1/4	3,937.73	1/4	4,206.85	1/4	4,475.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,671.49	1/2	3,943.34	1/2	4,212.45	1/2	4,480.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.20	3/4	3,948.95	3/4	4,218.04	3/4	4,486.51	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,682.91	7	3,954.57	7	4,223.63	7	4,492.10	7		7		7		7		7		7	
1/4	3,688.62	1/4	3,960.18	1/4	4,229.23	1/4	4,497.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,694.33	1/2	3,965.79	1/2	4,234.82	1/2	4,503.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,700.04	3/4	3,971.40	3/4	4,240.42	3/4	4,508.76	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,705.75	8	3,977.01	8	4,246.01	8	4,514.31	8		8		8		8		8		8	
1/4	3,711.47	1/4	3,982.63	1/4	4,251.60	1/4	4,519.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.18	1/2	3,988.24	1/2	4,257.20	1/2	4,525.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.89	3/4	3,993.85	3/4	4,262.79	3/4	4,530.98	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,728.60	9	3,999.46	9	4,268.39	9	4,536.53	9		9		9		9		9		9	
1/4	3,734.31	1/4	4,005.07	1/4	4,273.98	1/4	4,542.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,740.02	1/2	4,010.69	1/2	4,279.57	1/2	4,547.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.73	3/4	4,016.30	3/4	4,285.17	3/4	4,553.19	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,751.45	10	4,021.91	10	4,290.76	10	4,558.75	10		10		10		10		10		10	
1/4	3,757.16	1/4	4,027.52	1/4	4,296.35	1/4	4,564.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,762.87	1/2	4,033.13	1/2	4,301.95	1/2	4,569.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,768.58	3/4	4,038.75	3/4	4,307.54	3/4	4,575.37	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,774.29	11	4,044.36	11	4,313.14	11	4,580.91	11		11		11		11		11		11	
1/4	3,780.00	1/4	4,049.97	1/4	4,318.73	1/4	4,586.30	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.72	1/2	4,055.58	1/2	4,324.32	1/2	4,591.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,791.43	3/4	4,061.19	3/4	4,329.92	3/4	4,597.10	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 SW  
CALCULATED: 05/27/2014 CL  
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "MPC 913"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	19.97	0	365.26	0	722.85	0	1,080.04	0	1,437.54	0	1,795.15	0	2,152.74	0	2,510.33	0	2,867.69	0	3,224.96
1/4	25.09	1/4	372.71	1/4	730.30	1/4	1,087.48	1/4	1,444.99	1/4	1,802.60	1/4	2,160.19	1/4	2,517.77	1/4	2,875.14	1/4	3,232.39
1/2	30.21	1/2	380.16	1/2	737.75	1/2	1,094.91	1/2	1,452.44	1/2	1,810.05	1/2	2,167.64	1/2	2,525.22	1/2	2,882.58	1/2	3,239.82
3/4	35.33	3/4	387.61	3/4	745.20	3/4	1,102.35	3/4	1,459.89	3/4	1,817.50	3/4	2,175.09	3/4	2,532.67	3/4	2,890.02	3/4	3,247.25
1	40.45	1	395.06	1	752.65	1	1,109.79	1	1,467.34	1	1,824.95	1	2,182.54	1	2,540.12	1	2,897.47	1	3,254.68
1/4	47.19	1/4	402.51	1/4	760.10	1/4	1,117.23	1/4	1,474.79	1/4	1,832.40	1/4	2,189.99	1/4	2,547.57	1/4	2,904.91	1/4	3,262.11
1/2	53.94	1/2	409.96	1/2	767.55	1/2	1,124.67	1/2	1,482.24	1/2	1,839.85	1/2	2,197.44	1/2	2,555.02	1/2	2,912.35	1/2	3,269.54
3/4	60.68	3/4	417.41	3/4	775.00	3/4	1,132.12	3/4	1,489.69	3/4	1,847.30	3/4	2,204.89	3/4	2,562.47	3/4	2,919.80	3/4	3,276.98
2	67.42	2	424.86	2	782.45	2	1,139.56	2	1,497.14	2	1,854.75	2	2,212.34	2	2,569.92	2	2,927.24	2	3,284.41
1/4	74.84	1/4	432.31	1/4	789.90	1/4	1,147.01	1/4	1,504.59	1/4	1,862.20	1/4	2,219.79	1/4	2,577.37	1/4	2,934.68	1/4	3,291.84
1/2	82.26	1/2	439.76	1/2	797.35	1/2	1,154.45	1/2	1,512.04	1/2	1,869.65	1/2	2,227.24	1/2	2,584.82	1/2	2,942.13	1/2	3,299.27
3/4	89.68	3/4	447.21	3/4	804.80	3/4	1,161.90	3/4	1,519.49	3/4	1,877.10	3/4	2,234.69	3/4	2,592.27	3/4	2,949.57	3/4	3,306.70
3	97.10	3	454.66	3	812.25	3	1,169.34	3	1,526.94	3	1,884.55	3	2,242.14	3	2,599.72	3	2,957.01	3	3,314.13
1/4	104.54	1/4	462.11	1/4	819.70	1/4	1,176.79	1/4	1,534.39	1/4	1,892.00	1/4	2,249.59	1/4	2,607.17	1/4	2,964.46	1/4	3,321.56
1/2	111.98	1/2	469.56	1/2	827.15	1/2	1,184.24	1/2	1,541.85	1/2	1,899.45	1/2	2,257.04	1/2	2,614.61	1/2	2,971.90	1/2	3,329.00
3/4	119.42	3/4	477.01	3/4	834.60	3/4	1,191.69	3/4	1,549.30	3/4	1,906.90	3/4	2,264.49	3/4	2,622.06	3/4	2,979.34	3/4	3,336.43
4	126.86	4	484.46	4	842.05	4	1,199.14	4	1,556.75	4	1,914.35	4	2,271.94	4	2,629.51	4	2,986.79	4	3,343.86
1/4	134.31	1/4	491.91	1/4	849.50	1/4	1,206.59	1/4	1,564.20	1/4	1,921.80	1/4	2,279.39	1/4	2,636.95	1/4	2,994.23	1/4	3,351.29
1/2	141.76	1/2	499.36	1/2	856.94	1/2	1,214.04	1/2	1,571.65	1/2	1,929.25	1/2	2,286.84	1/2	2,644.40	1/2	3,001.67	1/2	3,358.72
3/4	149.21	3/4	506.81	3/4	864.38	3/4	1,221.49	3/4	1,579.10	3/4	1,936.70	3/4	2,294.29	3/4	2,651.84	3/4	3,009.12	3/4	3,366.16
5	156.66	5	514.26	5	871.83	5	1,228.94	5	1,586.55	5	1,944.15	5	2,301.74	5	2,659.28	5	3,016.56	5	3,373.59
1/4	164.11	1/4	521.71	1/4	879.27	1/4	1,236.39	1/4	1,594.00	1/4	1,951.60	1/4	2,309.19	1/4	2,666.73	1/4	3,024.00	1/4	3,381.02
1/2	171.56	1/2	529.16	1/2	886.70	1/2	1,243.84	1/2	1,601.45	1/2	1,959.05	1/2	2,316.64	1/2	2,674.17	1/2	3,031.45	1/2	3,388.45
3/4	179.01	3/4	536.60	3/4	894.14	3/4	1,251.29	3/4	1,608.90	3/4	1,966.50	3/4	2,324.09	3/4	2,681.61	3/4	3,038.89	3/4	3,395.88
6	186.46	6	544.05	6	901.57	6	1,258.74	6	1,616.35	6	1,973.95	6	2,331.53	6	2,689.06	6	3,046.33	6	3,403.31
1/4	193.91	1/4	551.50	1/4	909.01	1/4	1,266.19	1/4	1,623.80	1/4	1,981.40	1/4	2,338.98	1/4	2,696.50	1/4	3,053.78	1/4	3,410.31
1/2	201.36	1/2	558.95	1/2	916.45	1/2	1,273.64	1/2	1,631.25	1/2	1,988.85	1/2	2,346.43	1/2	2,703.94	1/2	3,061.22	1/2	3,417.31
3/4	208.81	3/4	566.40	3/4	923.88	3/4	1,281.09	3/4	1,638.70	3/4	1,996.30	3/4	2,353.88	3/4	2,711.39	3/4	3,068.66	3/4	3,424.31
7	216.26	7	573.85	7	931.32	7	1,288.54	7	1,646.15	7	2,003.75	7	2,361.33	7	2,718.83	7	3,076.11	7	3,431.30
1/4	223.71	1/4	581.30	1/4	938.75	1/4	1,295.99	1/4	1,653.60	1/4	2,011.20	1/4	2,368.78	1/4	2,726.27	1/4	3,083.55	1/4	3,437.00
1/2	231.16	1/2	588.75	1/2	946.19	1/2	1,303.44	1/2	1,661.05	1/2	2,018.65	1/2	2,376.23	1/2	2,733.72	1/2	3,090.99	1/2	3,442.69
3/4	238.61	3/4	596.20	3/4	953.63	3/4	1,310.89	3/4	1,668.50	3/4	2,026.10	3/4	2,383.68	3/4	2,741.16	3/4	3,098.44	3/4	3,448.39
8	246.06	8	603.65	8	961.06	8	1,318.34	8	1,675.95	8	2,033.55	8	2,391.13	8	2,748.60	8	3,105.88	8	3,454.08
1/4	253.51	1/4	611.10	1/4	968.50	1/4	1,325.79	1/4	1,683.40	1/4	2,041.00	1/4	2,398.58	1/4	2,756.05	1/4	3,113.32	1/4	3,459.77
1/2	260.96	1/2	618.55	1/2	975.93	1/2	1,333.24	1/2	1,690.85	1/2	2,048.45	1/2	2,406.03	1/2	2,763.49	1/2	3,120.77	1/2	3,465.47
3/4	268.41	3/4	626.00	3/4	983.37	3/4	1,340.69	3/4	1,698.30	3/4	2,055.90	3/4	2,413.48	3/4	2,770.93	3/4	3,128.21	3/4	3,471.16
9	275.86	9	633.45	9	990.81	9	1,348.14	9	1,705.75	9	2,063.35	9	2,420.93	9	2,778.38	9	3,135.65	9	3,476.86
1/4	283.31	1/4	640.90	1/4	998.24	1/4	1,355.59	1/4	1,713.20	1/4	2,070.80	1/4	2,428.38	1/4	2,785.82	1/4	3,143.10	1/4	3,482.55
1/2	290.76	1/2	648.35	1/2	1,005.68	1/2	1,363.04	1/2	1,720.65	1/2	2,078.25	1/2	2,435.83	1/2	2,793.26	1/2	3,150.54	1/2	3,488.25
3/4	298.21	3/4	655.80	3/4	1,013.11	3/4	1,370.49	3/4	1,728.10	3/4	2,085.70	3/4	2,443.28	3/4	2,800.71	3/4	3,157.98	3/4	3,493.94
10	305.66	10	663.25	10	1,020.55	10	1,377.94	10	1,735.55	10	2,093.15	10	2,450.73	10	2,808.15	10	3,165.43	10	3,499.63
1/4	313.11	1/4	670.70	1/4	1,027.99	1/4	1,385.39	1/4	1,743.00	1/4	2,100.60	1/4	2,458.18	1/4	2,815.59	1/4	3,172.87	1/4	3,505.33
1/2	320.56	1/2	678.15	1/2	1,035.42	1/2	1,392.84	1/2	1,750.45	1/2	2,108.05	1/2	2,465.63	1/2	2,823.03	1/2	3,180.31	1/2	3,511.02
3/4	328.01	3/4	685.60	3/4	1,042.86	3/4	1,400.29	3/4	1,757.90	3/4	2,115.50	3/4	2,473.08	3/4	2,830.48	3/4	3,187.75	3/4	3,516.72
11	335.46	11	693.05	11	1,050.29	11	1,407.74	11	1,765.35	11	2,122.95	11	2,480.53	11	2,837.92	11	3,195.20	11	3,522.41
1/4	342.91	1/4	700.50	1/4	1,057.73	1/4	1,415.19	1/4	1,772.80	1/4	2,130.40	1/4	2,487.98	1/4	2,845.36	1/4	3,202.64	1/4	3,528.11
1/2	350.36	1/2	707.95	1/2	1,065.17	1/2	1,422.64	1/2	1,780.25	1/2	2,137.85	1/2	2,495.43	1/2	2,852.81	1/2	3,210.08	1/2	3,533.81
3/4	357.81	3/4	715.40	3/4	1,072.60	3/4	1,430.09	3/4	1,787.70	3/4	2,145.29	3/4	2,502.88	3/4	2,860.25	3/4	3,217.52	3/4	3,539.51

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 11'-00" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "MPC 913"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,545.20	0	3,819.32	0	4,088.96	0	4,357.63	0	4,624.58	0		0		0		0		0	
1/4	3,550.91	1/4	3,825.01	1/4	4,094.57	1/4	4,363.22	1/4	4,629.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,556.63	1/2	3,830.69	1/2	4,100.18	1/2	4,368.82	1/2	4,634.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,562.34	3/4	3,836.38	3/4	4,105.79	3/4	4,374.41	3/4	4,638.84	3/4		3/4		3/4		3/4		3/4	
1	3,568.05	1	3,842.06	1	4,111.41	1	4,380.00	1	4,643.60	1		1		1		1		1	
1/4	3,573.76	1/4	3,847.67	1/4	4,117.02	1/4	4,385.60	1/4	4,647.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,579.47	1/2	3,853.29	1/2	4,122.63	1/2	4,391.19	1/2	4,651.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.18	3/4	3,858.90	3/4	4,128.24	3/4	4,396.78	3/4	4,655.98	3/4		3/4		3/4		3/4		3/4	
2	3,590.89	2	3,864.51	2	4,133.85	2	4,402.38	2	4,660.11	2		2		2		2		2	
1/4	3,596.60	1/4	3,870.12	1/4	4,139.46	1/4	4,407.97	1/4	4,664.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.31	1/2	3,875.73	1/2	4,145.06	1/2	4,413.56	1/2	4,668.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.02	3/4	3,881.34	3/4	4,150.67	3/4	4,419.16	3/4	4,673.21	3/4		3/4		3/4		3/4		3/4	
3	3,613.73	3	3,886.95	3	4,156.28	3	4,424.75	3	4,677.57	3		3		3		3		3	
1/4	3,619.44	1/4	3,892.56	1/4	4,161.87	1/4	4,430.34	1/4	4,680.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.16	1/2	3,898.18	1/2	4,167.46	1/2	4,435.94	1/2	4,684.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.87	3/4	3,903.79	3/4	4,173.05	3/4	4,441.53	3/4	4,687.48	3/4		3/4		3/4		3/4		3/4	
4	3,636.58	4	3,909.40	4	4,178.65	4	4,447.12	4	4,690.78	4		4		4		4		4	
1/4	3,642.29	1/4	3,915.01	1/4	4,184.24	1/4	4,452.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,648.00	1/2	3,920.62	1/2	4,189.83	1/2	4,458.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.71	3/4	3,926.23	3/4	4,195.43	3/4	4,463.90	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,659.42	5	3,931.84	5	4,201.02	5	4,469.49	5		5		5		5		5		5	
1/4	3,665.13	1/4	3,937.45	1/4	4,206.61	1/4	4,475.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,670.84	1/2	3,943.07	1/2	4,212.21	1/2	4,480.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,676.55	3/4	3,948.68	3/4	4,217.80	3/4	4,486.27	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,682.26	6	3,954.29	6	4,223.39	6	4,491.87	6		6		6		6		6		6	
1/4	3,687.97	1/4	3,959.90	1/4	4,228.99	1/4	4,497.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,693.68	1/2	3,965.51	1/2	4,234.58	1/2	4,503.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.40	3/4	3,971.12	3/4	4,240.17	3/4	4,508.61	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,705.11	7	3,976.73	7	4,245.77	7	4,514.20	7		7		7		7		7		7	
1/4	3,710.82	1/4	3,982.35	1/4	4,251.36	1/4	4,519.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.53	1/2	3,987.96	1/2	4,256.95	1/2	4,525.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.24	3/4	3,993.57	3/4	4,262.55	3/4	4,530.86	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,727.95	8	3,999.18	8	4,268.14	8	4,536.41	8		8		8		8		8		8	
1/4	3,733.66	1/4	4,004.79	1/4	4,273.73	1/4	4,541.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,739.37	1/2	4,010.40	1/2	4,279.33	1/2	4,547.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.08	3/4	4,016.01	3/4	4,284.92	3/4	4,553.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,750.79	9	4,021.62	9	4,290.51	9	4,558.63	9		9		9		9		9		9	
1/4	3,756.50	1/4	4,027.24	1/4	4,296.11	1/4	4,564.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,762.21	1/2	4,032.85	1/2	4,301.70	1/2	4,569.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.93	3/4	4,038.46	3/4	4,307.29	3/4	4,575.29	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,773.64	10	4,044.07	10	4,312.88	10	4,580.84	10		10		10		10		10		10	
1/4	3,779.35	1/4	4,049.68	1/4	4,318.48	1/4	4,586.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,785.06	1/2	4,055.29	1/2	4,324.07	1/2	4,591.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,790.77	3/4	4,060.90	3/4	4,329.66	3/4	4,597.46	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,796.48	11	4,066.51	11	4,335.26	11	4,603.00	11		11		11		11		11		11	
1/4	3,802.19	1/4	4,072.13	1/4	4,340.85	1/4	4,608.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.90	1/2	4,077.74	1/2	4,346.44	1/2	4,613.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.61	3/4	4,083.35	3/4	4,352.04	3/4	4,619.18	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 SW  
CALCULATED: 05/27/2014 CL  
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "MPC 913"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	20.05	0	366.81	0	725.93	0	1,072.49	0	1,427.85	0	1,786.97	0	2,146.10	0	2,505.22	0	2,864.32	0	3,223.38
1/4	25.19	1/4	374.29	1/4	733.41	1/4	1,079.63	1/4	1,435.33	1/4	1,794.46	1/4	2,153.58	1/4	2,512.70	1/4	2,871.80	1/4	3,230.86
1/2	30.34	1/2	381.77	1/2	740.89	1/2	1,086.76	1/2	1,442.82	1/2	1,801.94	1/2	2,161.06	1/2	2,520.18	1/2	2,879.28	1/2	3,238.34
3/4	35.48	3/4	389.25	3/4	748.37	3/4	1,093.90	3/4	1,450.30	3/4	1,809.42	3/4	2,168.54	3/4	2,527.66	3/4	2,886.76	3/4	3,245.82
1	40.62	1	396.74	1	755.85	1	1,101.04	1	1,457.78	1	1,816.90	1	2,176.02	1	2,535.14	1	2,894.24	1	3,253.30
1/4	47.39	1/4	404.22	1/4	763.33	1/4	1,108.18	1/4	1,465.26	1/4	1,824.38	1/4	2,183.50	1/4	2,542.63	1/4	2,901.72	1/4	3,260.78
1/2	54.16	1/2	411.70	1/2	770.82	1/2	1,115.32	1/2	1,472.74	1/2	1,831.86	1/2	2,190.99	1/2	2,550.11	1/2	2,909.20	1/2	3,268.26
3/4	60.93	3/4	419.18	3/4	778.30	3/4	1,122.46	3/4	1,480.22	3/4	1,839.35	3/4	2,198.47	3/4	2,557.59	3/4	2,916.68	3/4	3,275.74
2	67.70	2	426.66	2	785.78	2	1,129.60	2	1,487.71	2	1,846.83	2	2,205.95	2	2,565.07	2	2,924.16	2	3,283.22
1/4	75.15	1/4	434.14	1/4	793.18	1/4	1,136.83	1/4	1,495.19	1/4	1,854.31	1/4	2,213.43	1/4	2,572.55	1/4	2,931.64	1/4	3,290.70
1/2	82.61	1/2	441.63	1/2	800.58	1/2	1,144.06	1/2	1,502.67	1/2	1,861.79	1/2	2,220.91	1/2	2,580.03	1/2	2,939.12	1/2	3,298.18
3/4	90.06	3/4	449.11	3/4	807.99	3/4	1,151.28	3/4	1,510.15	3/4	1,869.27	3/4	2,228.39	3/4	2,587.52	3/4	2,946.60	3/4	3,305.66
3	97.51	3	456.59	3	815.39	3	1,158.51	3	1,517.63	3	1,876.75	3	2,235.88	3	2,595.00	3	2,954.08	3	3,313.14
1/4	104.98	1/4	464.07	1/4	822.56	1/4	1,165.99	1/4	1,525.11	1/4	1,884.24	1/4	2,243.36	1/4	2,602.48	1/4	2,961.56	1/4	3,320.61
1/2	112.46	1/2	471.55	1/2	829.73	1/2	1,173.47	1/2	1,532.60	1/2	1,891.72	1/2	2,250.84	1/2	2,609.97	1/2	2,969.05	1/2	3,328.09
3/4	119.93	3/4	479.03	3/4	836.90	3/4	1,180.96	3/4	1,540.08	3/4	1,899.20	3/4	2,258.32	3/4	2,617.45	3/4	2,976.53	3/4	3,335.57
4	127.40	4	486.51	4	844.07	4	1,188.44	4	1,547.56	4	1,906.68	4	2,265.80	4	2,624.93	4	2,984.01	4	3,343.05
1/4	134.88	1/4	494.00	1/4	851.24	1/4	1,195.92	1/4	1,555.04	1/4	1,914.16	1/4	2,273.28	1/4	2,632.41	1/4	2,991.49	1/4	3,350.53
1/2	142.36	1/2	501.48	1/2	858.40	1/2	1,203.40	1/2	1,562.52	1/2	1,921.64	1/2	2,280.77	1/2	2,639.89	1/2	2,998.97	1/2	3,358.01
3/4	149.84	3/4	508.96	3/4	865.56	3/4	1,210.88	3/4	1,570.00	3/4	1,929.13	3/4	2,288.25	3/4	2,647.38	3/4	3,006.45	3/4	3,365.49
5	157.32	5	516.44	5	872.72	5	1,218.36	5	1,577.49	5	1,936.61	5	2,295.73	5	2,654.86	5	3,013.93	5	3,372.97
1/4	164.81	1/4	523.92	1/4	879.86	1/4	1,225.85	1/4	1,584.97	1/4	1,944.09	1/4	2,303.21	1/4	2,662.34	1/4	3,021.41	1/4	3,380.45
1/2	172.29	1/2	531.40	1/2	886.99	1/2	1,233.33	1/2	1,592.45	1/2	1,951.57	1/2	2,310.69	1/2	2,669.82	1/2	3,028.89	1/2	3,387.93
3/4	179.77	3/4	538.89	3/4	894.13	3/4	1,240.81	3/4	1,599.93	3/4	1,959.05	3/4	2,318.17	3/4	2,677.30	3/4	3,036.37	3/4	3,395.41
6	187.25	6	546.37	6	901.26	6	1,248.29	6	1,607.41	6	1,966.53	6	2,325.66	6	2,684.78	6	3,043.85	6	3,402.89
1/4	194.73	1/4	553.85	1/4	908.39	1/4	1,255.77	1/4	1,614.89	1/4	1,974.02	1/4	2,333.14	1/4	2,692.26	1/4	3,051.33	1/4	3,410.37
1/2	202.21	1/2	561.33	1/2	915.53	1/2	1,263.26	1/2	1,622.38	1/2	1,981.50	1/2	2,340.62	1/2	2,699.74	1/2	3,058.81	1/2	3,417.85
3/4	209.70	3/4	568.81	3/4	922.66	3/4	1,270.74	3/4	1,629.86	3/4	1,988.98	3/4	2,348.10	3/4	2,707.22	3/4	3,066.29	3/4	3,425.33
7	217.18	7	576.29	7	929.80	7	1,278.22	7	1,637.34	7	1,996.46	7	2,355.58	7	2,714.70	7	3,073.78	7	3,432.81
1/4	224.66	1/4	583.78	1/4	936.93	1/4	1,285.70	1/4	1,644.82	1/4	2,003.94	1/4	2,363.06	1/4	2,722.18	1/4	3,081.26	1/4	3,440.29
1/2	232.14	1/2	591.26	1/2	944.07	1/2	1,293.18	1/2	1,652.30	1/2	2,011.43	1/2	2,370.55	1/2	2,729.66	1/2	3,088.74	1/2	3,447.77
3/4	239.62	3/4	598.74	3/4	951.20	3/4	1,300.66	3/4	1,659.79	3/4	2,018.91	3/4	2,378.03	3/4	2,737.14	3/4	3,096.22	3/4	3,455.25
8	247.10	8	606.22	8	958.34	8	1,308.15	8	1,667.27	8	2,026.39	8	2,385.51	8	2,744.62	8	3,103.70	8	3,462.73
1/4	254.59	1/4	613.70	1/4	965.47	1/4	1,315.63	1/4	1,674.75	1/4	2,033.87	1/4	2,392.99	1/4	2,752.11	1/4	3,111.18	1/4	3,470.21
1/2	262.07	1/2	621.18	1/2	972.61	1/2	1,323.11	1/2	1,682.23	1/2	2,041.35	1/2	2,400.47	1/2	2,759.59	1/2	3,118.66	1/2	3,477.69
3/4	269.55	3/4	628.67	3/4	979.74	3/4	1,330.59	3/4	1,689.71	3/4	2,048.83	3/4	2,407.96	3/4	2,767.07	3/4	3,126.14	3/4	3,485.17
9	277.03	9	636.15	9	986.88	9	1,338.07	9	1,697.19	9	2,056.32	9	2,415.44	9	2,774.55	9	3,133.62	9	3,492.65
1/4	284.51	1/4	643.63	1/4	994.01	1/4	1,345.55	1/4	1,704.68	1/4	2,063.80	1/4	2,422.92	1/4	2,782.03	1/4	3,141.10	1/4	3,500.13
1/2	291.99	1/2	651.11	1/2	1,001.14	1/2	1,353.04	1/2	1,712.16	1/2	2,071.28	1/2	2,430.40	1/2	2,789.51	1/2	3,148.58	1/2	3,507.60
3/4	299.47	3/4	658.59	3/4	1,008.28	3/4	1,360.52	3/4	1,719.64	3/4	2,078.76	3/4	2,437.88	3/4	2,796.99	3/4	3,156.06	3/4	3,515.08
10	306.96	10	666.07	10	1,015.41	10	1,368.00	10	1,727.12	10	2,086.24	10	2,445.36	10	2,804.47	10	3,163.54	10	3,522.56
1/4	314.44	1/4	673.55	1/4	1,022.55	1/4	1,375.48	1/4	1,734.60	1/4	2,093.72	1/4	2,452.85	1/4	2,811.95	1/4	3,171.02	1/4	3,530.04
1/2	321.92	1/2	681.04	1/2	1,029.68	1/2	1,382.96	1/2	1,742.08	1/2	2,101.21	1/2	2,460.33	1/2	2,819.43	1/2	3,178.50	1/2	3,537.52
3/4	329.40	3/4	688.52	3/4	1,036.82	3/4	1,390.44	3/4	1,749.57	3/4	2,108.69	3/4	2,467.81	3/4	2,826.91	3/4	3,185.98	3/4	3,545.00
11	336.88	11	696.00	11	1,043.95	11	1,397.93	11	1,757.05	11	2,116.17	11	2,475.29	11	2,834.39	11	3,193.46	11	3,552.48
1/4	344.36	1/4	703.48	1/4	1,051.09	1/4	1,405.41	1/4	1,764.53	1/4	2,123.65	1/4	2,482.77	1/4	2,841.87	1/4	3,200.94	1/4	3,559.96
1/2	351.85	1/2	710.96	1/2	1,058.22	1/2	1,412.89	1/2	1,772.01	1/2	2,131.13	1/2	2,490.25	1/2	2,849.35	1/2	3,208.42	1/2	3,567.44
3/4	359.33	3/4	718.44	3/4	1,065.36	3/4	1,420.37	3/4	1,779.49	3/4	2,138.61	3/4	2,497.74	3/4	2,856.83	3/4	3,215.90	3/4	3,574.92

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 11'-00" OFF CENTERLINE AND 36'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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





# BARGE "MPC 913"

**2 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,582.40	0	3,941.42	0	4,300.44	0	4,658.59	0	5,014.70	0		0		0		0		0	
1/4	3,589.88	1/4	3,948.90	1/4	4,307.92	1/4	4,666.05	1/4	5,021.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.36	1/2	3,956.38	1/2	4,315.40	1/2	4,673.50	1/2	5,027.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,604.84	3/4	3,963.86	3/4	4,322.88	3/4	4,680.96	3/4	5,034.51	3/4		3/4		3/4		3/4		3/4	
1	3,612.32	1	3,971.34	1	4,330.36	1	4,688.41	1	5,041.11	1		1		1		1		1	
1/4	3,619.80	1/4	3,978.82	1/4	4,337.84	1/4	4,695.87	1/4	5,046.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,627.28	1/2	3,986.30	1/2	4,345.32	1/2	4,703.33	1/2	5,052.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.76	3/4	3,993.78	3/4	4,352.80	3/4	4,710.78	3/4	5,057.72	3/4		3/4		3/4		3/4		3/4	
2	3,642.24	2	4,001.26	2	4,360.28	2	4,718.24	2	5,063.26	2		2		2		2		2	
1/4	3,649.72	1/4	4,008.74	1/4	4,367.75	1/4	4,725.69	1/4	5,067.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,657.20	1/2	4,016.22	1/2	4,375.22	1/2	4,733.15	1/2	5,072.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,664.68	3/4	4,023.70	3/4	4,382.70	3/4	4,740.61	3/4	5,076.66	3/4		3/4		3/4		3/4		3/4	
3	3,672.16	3	4,031.18	3	4,390.17	3	4,748.06	3	5,081.13	3		3		3		3		3	
1/4	3,679.64	1/4	4,038.66	1/4	4,397.63	1/4	4,755.52	1/4	5,084.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,687.12	1/2	4,046.14	1/2	4,405.08	1/2	4,762.98	1/2	5,087.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,694.59	3/4	4,053.62	3/4	4,412.54	3/4	4,770.43	3/4	5,091.32	3/4		3/4		3/4		3/4		3/4	
4	3,702.07	4	4,061.10	4	4,419.99	4	4,777.89	4	5,094.72	4		4		4		4		4	
1/4	3,709.55	1/4	4,068.57	1/4	4,427.45	1/4	4,785.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.03	1/2	4,076.05	1/2	4,434.91	1/2	4,792.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.51	3/4	4,083.53	3/4	4,442.36	3/4	4,800.26	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,731.99	5	4,091.01	5	4,449.82	5	4,807.71	5		5		5		5		5		5	
1/4	3,739.47	1/4	4,098.49	1/4	4,457.28	1/4	4,815.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.95	1/2	4,105.97	1/2	4,464.73	1/2	4,822.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.43	3/4	4,113.45	3/4	4,472.19	3/4	4,830.08	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,761.91	6	4,120.93	6	4,479.64	6	4,837.54	6		6		6		6		6		6	
1/4	3,769.39	1/4	4,128.41	1/4	4,487.10	1/4	4,844.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.87	1/2	4,135.89	1/2	4,494.56	1/2	4,852.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,784.35	3/4	4,143.37	3/4	4,502.01	3/4	4,859.86	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,791.83	7	4,150.85	7	4,509.47	7	4,867.31	7		7		7		7		7		7	
1/4	3,799.31	1/4	4,158.33	1/4	4,516.92	1/4	4,874.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.79	1/2	4,165.81	1/2	4,524.38	1/2	4,882.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.27	3/4	4,173.29	3/4	4,531.84	3/4	4,889.52	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,821.75	8	4,180.77	8	4,539.29	8	4,896.92	8		8		8		8		8		8	
1/4	3,829.23	1/4	4,188.25	1/4	4,546.75	1/4	4,904.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,836.71	1/2	4,195.73	1/2	4,554.20	1/2	4,911.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,844.19	3/4	4,203.21	3/4	4,561.66	3/4	4,919.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,851.67	9	4,210.69	9	4,569.12	9	4,926.54	9		9		9		9		9		9	
1/4	3,859.15	1/4	4,218.17	1/4	4,576.57	1/4	4,933.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,866.63	1/2	4,225.65	1/2	4,584.03	1/2	4,941.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.11	3/4	4,233.13	3/4	4,591.49	3/4	4,948.75	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,881.58	10	4,240.61	10	4,598.94	10	4,956.15	10		10		10		10		10		10	
1/4	3,889.06	1/4	4,248.09	1/4	4,606.40	1/4	4,963.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,896.54	1/2	4,255.56	1/2	4,613.85	1/2	4,970.93	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,904.02	3/4	4,263.04	3/4	4,621.31	3/4	4,978.32	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,911.50	11	4,270.52	11	4,628.77	11	4,985.71	11		11		11		11		11		11	
1/4	3,918.98	1/4	4,278.00	1/4	4,636.22	1/4	4,992.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,926.46	1/2	4,285.48	1/2	4,643.68	1/2	5,000.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,933.94	3/4	4,292.96	3/4	4,651.13	3/4	5,007.45	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 SW  
CALCULATED: 05/27/2014 CL  
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2014

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



# BARGE "MPC 913"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	20.05	0	366.81	0	725.93	0	1,084.63	0	1,443.66	0	1,802.79	0	2,161.91	0	2,521.04	0	2,880.12	0	3,239.18
1/4	25.19	1/4	374.29	1/4	733.41	1/4	1,092.10	1/4	1,451.14	1/4	1,810.27	1/4	2,169.40	1/4	2,528.52	1/4	2,887.60	1/4	3,246.66
1/2	30.34	1/2	381.77	1/2	740.89	1/2	1,099.57	1/2	1,458.62	1/2	1,817.75	1/2	2,176.88	1/2	2,536.00	1/2	2,895.08	1/2	3,254.14
3/4	35.48	3/4	389.25	3/4	748.37	3/4	1,107.04	3/4	1,466.11	3/4	1,825.23	3/4	2,184.36	3/4	2,543.49	3/4	2,902.56	3/4	3,261.62
1	40.62	1	396.74	1	755.85	1	1,114.51	1	1,473.59	1	1,832.71	1	2,191.84	1	2,550.97	1	2,910.04	1	3,269.10
1/4	47.39	1/4	404.22	1/4	763.33	1/4	1,121.99	1/4	1,481.07	1/4	1,840.20	1/4	2,199.32	1/4	2,558.45	1/4	2,917.52	1/4	3,276.58
1/2	54.16	1/2	411.70	1/2	770.82	1/2	1,129.46	1/2	1,488.55	1/2	1,847.68	1/2	2,206.80	1/2	2,565.93	1/2	2,925.00	1/2	3,284.06
3/4	60.93	3/4	419.18	3/4	778.30	3/4	1,136.94	3/4	1,496.03	3/4	1,855.16	3/4	2,214.29	3/4	2,573.41	3/4	2,932.49	3/4	3,291.54
2	67.70	2	426.66	2	785.78	2	1,144.41	2	1,503.51	2	1,862.64	2	2,221.77	2	2,580.89	2	2,939.97	2	3,299.02
1/4	75.15	1/4	434.14	1/4	793.26	1/4	1,151.89	1/4	1,511.00	1/4	1,870.12	1/4	2,229.25	1/4	2,588.38	1/4	2,947.45	1/4	3,306.50
1/2	82.61	1/2	441.63	1/2	800.74	1/2	1,159.36	1/2	1,518.48	1/2	1,877.60	1/2	2,236.73	1/2	2,595.86	1/2	2,954.93	1/2	3,313.98
3/4	90.06	3/4	449.11	3/4	808.22	3/4	1,166.84	3/4	1,525.96	3/4	1,885.09	3/4	2,244.21	3/4	2,603.34	3/4	2,962.41	3/4	3,321.46
3	97.51	3	456.59	3	815.71	3	1,174.32	3	1,533.44	3	1,892.57	3	2,251.69	3	2,610.82	3	2,969.89	3	3,328.94
1/4	104.98	1/4	464.07	1/4	823.19	1/4	1,181.80	1/4	1,540.92	1/4	1,900.05	1/4	2,259.18	1/4	2,618.30	1/4	2,977.37	1/4	3,336.42
1/2	112.46	1/2	471.55	1/2	830.67	1/2	1,189.28	1/2	1,548.41	1/2	1,907.53	1/2	2,266.66	1/2	2,625.78	1/2	2,984.85	1/2	3,343.90
3/4	119.93	3/4	479.03	3/4	838.15	3/4	1,196.76	3/4	1,555.89	3/4	1,915.01	3/4	2,274.14	3/4	2,633.26	3/4	2,992.33	3/4	3,351.38
4	127.40	4	486.51	4	845.63	4	1,204.24	4	1,563.37	4	1,922.50	4	2,281.62	4	2,640.74	4	2,999.81	4	3,358.86
1/4	134.88	1/4	494.00	1/4	853.11	1/4	1,211.72	1/4	1,570.85	1/4	1,929.98	1/4	2,289.10	1/4	2,648.22	1/4	3,007.29	1/4	3,366.34
1/2	142.36	1/2	501.48	1/2	860.58	1/2	1,219.21	1/2	1,578.33	1/2	1,937.46	1/2	2,296.59	1/2	2,655.70	1/2	3,014.77	1/2	3,373.82
3/4	149.84	3/4	508.96	3/4	868.06	3/4	1,226.69	3/4	1,585.81	3/4	1,944.94	3/4	2,304.07	3/4	2,663.18	3/4	3,022.25	3/4	3,381.30
5	157.32	5	516.44	5	875.54	5	1,234.17	5	1,593.30	5	1,952.42	5	2,311.55	5	2,670.66	5	3,029.73	5	3,388.78
1/4	164.81	1/4	523.92	1/4	883.00	1/4	1,241.65	1/4	1,600.78	1/4	1,959.90	1/4	2,319.03	1/4	2,678.14	1/4	3,037.22	1/4	3,396.26
1/2	172.29	1/2	531.40	1/2	890.47	1/2	1,249.13	1/2	1,608.26	1/2	1,967.39	1/2	2,326.51	1/2	2,685.62	1/2	3,044.70	1/2	3,403.74
3/4	179.77	3/4	538.89	3/4	897.94	3/4	1,256.62	3/4	1,615.74	3/4	1,974.87	3/4	2,333.99	3/4	2,693.10	3/4	3,052.18	3/4	3,411.22
6	187.25	6	546.37	6	905.41	6	1,264.10	6	1,623.22	6	1,982.35	6	2,341.48	6	2,700.58	6	3,059.66	6	3,418.70
1/4	194.73	1/4	553.85	1/4	912.88	1/4	1,271.58	1/4	1,630.71	1/4	1,989.83	1/4	2,348.96	1/4	2,708.06	1/4	3,067.14	1/4	3,426.17
1/2	202.21	1/2	561.33	1/2	920.34	1/2	1,279.06	1/2	1,638.19	1/2	1,997.31	1/2	2,356.44	1/2	2,715.55	1/2	3,074.62	1/2	3,433.65
3/4	209.70	3/4	568.81	3/4	927.81	3/4	1,286.54	3/4	1,645.67	3/4	2,004.80	3/4	2,363.92	3/4	2,723.03	3/4	3,082.10	3/4	3,441.13
7	217.18	7	576.29	7	935.28	7	1,294.02	7	1,653.15	7	2,012.28	7	2,371.40	7	2,730.51	7	3,089.58	7	3,448.61
1/4	224.66	1/4	583.78	1/4	942.75	1/4	1,301.51	1/4	1,660.63	1/4	2,019.76	1/4	2,378.89	1/4	2,737.99	1/4	3,097.06	1/4	3,456.09
1/2	232.14	1/2	591.26	1/2	950.21	1/2	1,308.99	1/2	1,668.11	1/2	2,027.24	1/2	2,386.37	1/2	2,745.47	1/2	3,104.54	1/2	3,463.57
3/4	239.62	3/4	598.74	3/4	957.68	3/4	1,316.47	3/4	1,675.60	3/4	2,034.72	3/4	2,393.85	3/4	2,752.95	3/4	3,112.02	3/4	3,471.05
8	247.10	8	606.22	8	965.15	8	1,323.95	8	1,683.08	8	2,042.20	8	2,401.33	8	2,760.43	8	3,119.50	8	3,478.53
1/4	254.59	1/4	613.70	1/4	972.62	1/4	1,331.43	1/4	1,690.56	1/4	2,049.69	1/4	2,408.81	1/4	2,767.91	1/4	3,126.98	1/4	3,486.01
1/2	262.07	1/2	621.18	1/2	980.08	1/2	1,338.92	1/2	1,698.04	1/2	2,057.17	1/2	2,416.29	1/2	2,775.39	1/2	3,134.46	1/2	3,493.49
3/4	269.55	3/4	628.67	3/4	987.55	3/4	1,346.40	3/4	1,705.52	3/4	2,064.65	3/4	2,423.78	3/4	2,782.87	3/4	3,141.94	3/4	3,500.97
9	277.03	9	636.15	9	995.02	9	1,353.88	9	1,713.01	9	2,072.13	9	2,431.26	9	2,790.35	9	3,149.43	9	3,508.45
1/4	284.51	1/4	643.63	1/4	1,002.49	1/4	1,361.36	1/4	1,720.49	1/4	2,079.61	1/4	2,438.74	1/4	2,797.83	1/4	3,156.91	1/4	3,515.93
1/2	291.99	1/2	651.11	1/2	1,009.96	1/2	1,368.84	1/2	1,727.97	1/2	2,087.10	1/2	2,446.22	1/2	2,805.31	1/2	3,164.39	1/2	3,523.41
3/4	299.47	3/4	658.59	3/4	1,017.42	3/4	1,376.32	3/4	1,735.45	3/4	2,094.58	3/4	2,453.70	3/4	2,812.79	3/4	3,171.87	3/4	3,530.89
10	306.96	10	666.07	10	1,024.89	10	1,383.81	10	1,742.93	10	2,102.06	10	2,461.19	10	2,820.27	10	3,179.35	10	3,538.37
1/4	314.44	1/4	673.55	1/4	1,032.36	1/4	1,391.29	1/4	1,750.41	1/4	2,109.54	1/4	2,468.67	1/4	2,827.76	1/4	3,186.83	1/4	3,545.85
1/2	321.92	1/2	681.04	1/2	1,039.83	1/2	1,398.77	1/2	1,757.90	1/2	2,117.02	1/2	2,476.15	1/2	2,835.24	1/2	3,194.31	1/2	3,553.33
3/4	329.40	3/4	688.52	3/4	1,047.29	3/4	1,406.25	3/4	1,765.38	3/4	2,124.50	3/4	2,483.63	3/4	2,842.72	3/4	3,201.79	3/4	3,560.81
11	336.88	11	696.00	11	1,054.76	11	1,413.73	11	1,772.86	11	2,131.99	11	2,491.11	11	2,850.20	11	3,209.27	11	3,568.29
1/4	344.36	1/4	703.48	1/4	1,062.23	1/4	1,421.22	1/4	1,780.34	1/4	2,139.47	1/4	2,498.59	1/4	2,857.68	1/4	3,216.75	1/4	3,575.77
1/2	351.85	1/2	710.96	1/2	1,069.70	1/2	1,428.70	1/2	1,787.82	1/2	2,146.95	1/2	2,506.08	1/2	2,865.16	1/2	3,224.23	1/2	3,583.25
3/4	359.33	3/4	718.44	3/4	1,077.17	3/4	1,436.18	3/4	1,795.31	3/4	2,154.43	3/4	2,513.56	3/4	2,872.64	3/4	3,231.71	3/4	3,590.73

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 11'-00" OFF CENTERLINE AND 36'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "MPC 913"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,598.21	0	3,957.23	0	4,316.25	0	4,674.39	0	5,030.50	0		0		0		0		0	
1/4	3,605.69	1/4	3,964.71	1/4	4,323.73	1/4	4,681.85	1/4	5,037.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,613.16	1/2	3,972.19	1/2	4,331.21	1/2	4,689.31	1/2	5,043.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.64	3/4	3,979.67	3/4	4,338.69	3/4	4,696.76	3/4	5,050.31	3/4		3/4		3/4		3/4		3/4	
1	3,628.12	1	3,987.14	1	4,346.17	1	4,704.22	1	5,056.92	1		1		1		1		1	
1/4	3,635.60	1/4	3,994.62	1/4	4,353.65	1/4	4,711.68	1/4	5,062.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,643.08	1/2	4,002.10	1/2	4,361.12	1/2	4,719.13	1/2	5,067.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.56	3/4	4,009.58	3/4	4,368.60	3/4	4,726.59	3/4	5,073.53	3/4		3/4		3/4		3/4		3/4	
2	3,658.04	2	4,017.06	2	4,376.08	2	4,734.04	2	5,079.06	2		2		2		2		2	
1/4	3,665.52	1/4	4,024.54	1/4	4,383.56	1/4	4,741.50	1/4	5,083.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,673.00	1/2	4,032.02	1/2	4,391.03	1/2	4,748.96	1/2	5,088.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,680.48	3/4	4,039.50	3/4	4,398.50	3/4	4,756.41	3/4	5,092.46	3/4		3/4		3/4		3/4		3/4	
3	3,687.96	3	4,046.98	3	4,405.98	3	4,763.87	3	5,096.93	3		3		3		3		3	
1/4	3,695.44	1/4	4,054.46	1/4	4,413.43	1/4	4,771.32	1/4	5,100.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,702.92	1/2	4,061.94	1/2	4,420.89	1/2	4,778.78	1/2	5,103.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,710.40	3/4	4,069.42	3/4	4,428.34	3/4	4,786.24	3/4	5,107.13	3/4		3/4		3/4		3/4		3/4	
4	3,717.88	4	4,076.90	4	4,435.80	4	4,793.69	4	5,110.52	4		4		4		4		4	
1/4	3,725.36	1/4	4,084.38	1/4	4,443.26	1/4	4,801.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,732.84	1/2	4,091.86	1/2	4,450.71	1/2	4,808.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,740.32	3/4	4,099.34	3/4	4,458.17	3/4	4,816.06	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,747.80	5	4,106.82	5	4,465.62	5	4,823.52	5		5		5		5		5		5	
1/4	3,755.28	1/4	4,114.30	1/4	4,473.08	1/4	4,830.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,762.76	1/2	4,121.78	1/2	4,480.54	1/2	4,838.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.24	3/4	4,129.26	3/4	4,487.99	3/4	4,845.89	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,777.72	6	4,136.74	6	4,495.45	6	4,853.34	6		6		6		6		6		6	
1/4	3,785.20	1/4	4,144.22	1/4	4,502.90	1/4	4,860.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,792.68	1/2	4,151.70	1/2	4,510.36	1/2	4,868.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,800.15	3/4	4,159.18	3/4	4,517.82	3/4	4,875.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,807.63	7	4,166.66	7	4,525.27	7	4,883.11	7		7		7		7		7		7	
1/4	3,815.11	1/4	4,174.13	1/4	4,532.73	1/4	4,890.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,822.59	1/2	4,181.61	1/2	4,540.19	1/2	4,897.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,830.07	3/4	4,189.09	3/4	4,547.64	3/4	4,905.32	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,837.55	8	4,196.57	8	4,555.10	8	4,912.73	8		8		8		8		8		8	
1/4	3,845.03	1/4	4,204.05	1/4	4,562.55	1/4	4,920.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,852.51	1/2	4,211.53	1/2	4,570.01	1/2	4,927.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,859.99	3/4	4,219.01	3/4	4,577.47	3/4	4,934.94	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,867.47	9	4,226.49	9	4,584.92	9	4,942.35	9		9		9		9		9		9	
1/4	3,874.95	1/4	4,233.97	1/4	4,592.38	1/4	4,949.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,882.43	1/2	4,241.45	1/2	4,599.83	1/2	4,957.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,889.91	3/4	4,248.93	3/4	4,607.29	3/4	4,964.56	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,897.39	10	4,256.41	10	4,614.75	10	4,971.96	10		10		10		10		10		10	
1/4	3,904.87	1/4	4,263.89	1/4	4,622.20	1/4	4,979.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,912.35	1/2	4,271.37	1/2	4,629.66	1/2	4,986.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,919.83	3/4	4,278.85	3/4	4,637.11	3/4	4,994.13	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,927.31	11	4,286.33	11	4,644.57	11	5,001.52	11		11		11		11		11		11	
1/4	3,934.79	1/4	4,293.81	1/4	4,652.03	1/4	5,008.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,942.27	1/2	4,301.29	1/2	4,659.48	1/2	5,016.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,949.75	3/4	4,308.77	3/4	4,666.94	3/4	5,023.26	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 SW  
CALCULATED: 05/27/2014 CL  
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "MPC 913"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	18.37	0	310.42	0	660.46	0	1,016.89	0	1,374.52	0	1,732.58	0	2,090.64	0	2,448.70	0	2,806.73	0	3,164.73
1/4	21.90	1/4	317.33	1/4	667.92	1/4	1,024.31	1/4	1,381.98	1/4	1,740.04	1/4	2,098.10	1/4	2,456.16	1/4	2,814.18	1/4	3,172.19
1/2	25.42	1/2	324.25	1/2	675.38	1/2	1,031.73	1/2	1,389.44	1/2	1,747.50	1/2	2,105.56	1/2	2,463.62	1/2	2,821.64	1/2	3,179.64
3/4	28.95	3/4	331.16	3/4	682.84	3/4	1,039.14	3/4	1,396.90	3/4	1,754.96	3/4	2,113.02	3/4	2,471.08	3/4	2,829.10	3/4	3,187.10
1	32.48	1	338.07	1	690.30	1	1,046.56	1	1,404.36	1	1,762.42	1	2,120.48	1	2,478.54	1	2,836.56	1	3,194.56
1/4	37.72	1/4	345.07	1/4	697.76	1/4	1,053.98	1/4	1,411.82	1/4	1,769.88	1/4	2,127.94	1/4	2,486.00	1/4	2,844.02	1/4	3,202.01
1/2	42.95	1/2	352.07	1/2	705.22	1/2	1,061.40	1/2	1,419.28	1/2	1,777.34	1/2	2,135.40	1/2	2,493.46	1/2	2,851.48	1/2	3,209.47
3/4	48.19	3/4	359.07	3/4	712.68	3/4	1,068.83	3/4	1,426.74	3/4	1,784.80	3/4	2,142.86	3/4	2,500.92	3/4	2,858.93	3/4	3,216.93
2	53.43	2	366.06	2	720.14	2	1,076.25	2	1,434.20	2	1,792.26	2	2,150.32	2	2,508.38	2	2,866.39	2	3,224.39
1/4	59.43	1/4	373.15	1/4	727.59	1/4	1,083.68	1/4	1,441.65	1/4	1,799.72	1/4	2,157.78	1/4	2,515.84	1/4	2,873.85	1/4	3,231.84
1/2	65.43	1/2	380.24	1/2	735.04	1/2	1,091.11	1/2	1,449.11	1/2	1,807.18	1/2	2,165.24	1/2	2,523.30	1/2	2,881.31	1/2	3,239.30
3/4	71.44	3/4	387.33	3/4	742.49	3/4	1,098.54	3/4	1,456.57	3/4	1,814.63	3/4	2,172.70	3/4	2,530.76	3/4	2,888.77	3/4	3,246.76
3	77.44	3	394.41	3	749.94	3	1,105.97	3	1,464.03	3	1,822.09	3	2,180.16	3	2,538.22	3	2,896.23	3	3,254.22
1/4	83.56	1/4	401.59	1/4	757.36	1/4	1,113.43	1/4	1,471.49	1/4	1,829.55	1/4	2,187.61	1/4	2,545.68	1/4	2,903.69	1/4	3,261.67
1/2	89.67	1/2	408.76	1/2	764.78	1/2	1,120.89	1/2	1,478.95	1/2	1,837.01	1/2	2,195.07	1/2	2,553.13	1/2	2,911.14	1/2	3,269.13
3/4	95.78	3/4	415.94	3/4	772.20	3/4	1,128.35	3/4	1,486.41	3/4	1,844.47	3/4	2,202.53	3/4	2,560.59	3/4	2,918.60	3/4	3,276.59
4	101.90	4	423.11	4	779.62	4	1,135.81	4	1,493.87	4	1,851.93	4	2,209.99	4	2,568.05	4	2,926.06	4	3,284.05
1/4	108.10	1/4	430.37	1/4	787.04	1/4	1,143.27	1/4	1,501.33	1/4	1,859.39	1/4	2,217.45	1/4	2,575.51	1/4	2,933.52	1/4	3,291.50
1/2	114.31	1/2	437.64	1/2	794.45	1/2	1,150.73	1/2	1,508.79	1/2	1,866.85	1/2	2,224.91	1/2	2,582.97	1/2	2,940.98	1/2	3,298.96
3/4	120.52	3/4	444.90	3/4	801.87	3/4	1,158.19	3/4	1,516.25	3/4	1,874.31	3/4	2,232.37	3/4	2,590.43	3/4	2,948.44	3/4	3,306.42
5	126.73	5	452.16	5	809.29	5	1,165.65	5	1,523.71	5	1,881.77	5	2,239.83	5	2,597.89	5	2,955.90	5	3,313.88
1/4	133.03	1/4	459.51	1/4	816.70	1/4	1,173.11	1/4	1,531.17	1/4	1,889.23	1/4	2,247.29	1/4	2,605.35	1/4	2,963.35	1/4	3,321.33
1/2	139.32	1/2	466.86	1/2	824.11	1/2	1,180.57	1/2	1,538.63	1/2	1,896.69	1/2	2,254.75	1/2	2,612.80	1/2	2,970.81	1/2	3,328.79
3/4	145.62	3/4	474.21	3/4	831.53	3/4	1,188.03	3/4	1,546.09	3/4	1,904.15	3/4	2,262.21	3/4	2,620.26	3/4	2,978.27	3/4	3,336.25
6	151.92	6	481.56	6	838.94	6	1,195.49	6	1,553.55	6	1,911.61	6	2,269.67	6	2,627.72	6	2,985.73	6	3,343.71
1/4	158.30	1/4	488.99	1/4	846.35	1/4	1,202.95	1/4	1,561.01	1/4	1,919.07	1/4	2,277.13	1/4	2,635.18	1/4	2,993.19	1/4	3,351.16
1/2	164.69	1/2	496.41	1/2	853.77	1/2	1,210.41	1/2	1,568.47	1/2	1,926.53	1/2	2,284.59	1/2	2,642.64	1/2	3,000.65	1/2	3,358.62
3/4	171.07	3/4	503.84	3/4	861.18	3/4	1,217.87	3/4	1,575.93	3/4	1,933.99	3/4	2,292.05	3/4	2,650.10	3/4	3,008.10	3/4	3,366.08
7	177.46	7	511.27	7	868.59	7	1,225.33	7	1,583.39	7	1,941.45	7	2,299.51	7	2,657.56	7	3,015.56	7	3,373.54
1/4	183.93	1/4	518.73	1/4	876.01	1/4	1,232.79	1/4	1,590.85	1/4	1,948.91	1/4	2,306.97	1/4	2,665.01	1/4	3,023.02	1/4	3,380.99
1/2	190.40	1/2	526.19	1/2	883.42	1/2	1,240.25	1/2	1,598.31	1/2	1,956.37	1/2	2,314.43	1/2	2,672.47	1/2	3,030.48	1/2	3,388.45
3/4	196.88	3/4	533.65	3/4	890.84	3/4	1,247.71	3/4	1,605.77	3/4	1,963.83	3/4	2,321.89	3/4	2,679.93	3/4	3,037.94	3/4	3,395.91
8	203.35	8	541.11	8	898.25	8	1,255.17	8	1,613.23	8	1,971.29	8	2,329.35	8	2,687.39	8	3,045.40	8	3,403.36
1/4	209.91	1/4	548.57	1/4	905.67	1/4	1,262.62	1/4	1,620.69	1/4	1,978.75	1/4	2,336.81	1/4	2,694.85	1/4	3,052.86	1/4	3,410.82
1/2	216.47	1/2	556.03	1/2	913.08	1/2	1,270.08	1/2	1,628.14	1/2	1,986.21	1/2	2,344.27	1/2	2,702.31	1/2	3,060.31	1/2	3,418.28
3/4	223.03	3/4	563.49	3/4	920.50	3/4	1,277.54	3/4	1,635.60	3/4	1,993.67	3/4	2,351.73	3/4	2,709.76	3/4	3,067.77	3/4	3,425.74
9	229.59	9	570.95	9	927.91	9	1,285.00	9	1,643.06	9	2,001.12	9	2,359.19	9	2,717.22	9	3,075.23	9	3,433.19
1/4	236.24	1/4	578.41	1/4	935.33	1/4	1,292.46	1/4	1,650.52	1/4	2,008.58	1/4	2,366.65	1/4	2,724.68	1/4	3,082.69	1/4	3,440.65
1/2	242.89	1/2	585.87	1/2	942.74	1/2	1,299.92	1/2	1,657.98	1/2	2,016.04	1/2	2,374.10	1/2	2,732.14	1/2	3,090.15	1/2	3,448.11
3/4	249.54	3/4	593.33	3/4	950.16	3/4	1,307.38	3/4	1,665.44	3/4	2,023.50	3/4	2,381.56	3/4	2,739.60	3/4	3,097.61	3/4	3,455.57
10	256.18	10	600.79	10	957.57	10	1,314.84	10	1,672.90	10	2,030.96	10	2,389.02	10	2,747.06	10	3,105.07	10	3,463.02
1/4	262.92	1/4	608.25	1/4	964.99	1/4	1,322.30	1/4	1,680.36	1/4	2,038.42	1/4	2,396.48	1/4	2,754.52	1/4	3,112.52	1/4	3,470.48
1/2	269.66	1/2	615.71	1/2	972.40	1/2	1,329.76	1/2	1,687.82	1/2	2,045.88	1/2	2,403.94	1/2	2,761.97	1/2	3,119.98	1/2	3,477.94
3/4	276.39	3/4	623.17	3/4	979.82	3/4	1,337.22	3/4	1,695.28	3/4	2,053.34	3/4	2,411.40	3/4	2,769.43	3/4	3,127.44	3/4	3,485.40
11	283.13	11	630.62	11	987.23	11	1,344.68	11	1,702.74	11	2,060.80	11	2,418.86	11	2,776.89	11	3,134.90	11	3,492.85
1/4	289.95	1/4	638.08	1/4	994.65	1/4	1,352.14	1/4	1,710.20	1/4	2,068.26	1/4	2,426.32	1/4	2,784.35	1/4	3,142.36	1/4	3,500.31
1/2	296.78	1/2	645.54	1/2	1,002.06	1/2	1,359.60	1/2	1,717.66	1/2	2,075.72	1/2	2,433.78	1/2	2,791.81	1/2	3,149.81	1/2	3,507.77
3/4	303.60	3/4	653.00	3/4	1,009.48	3/4	1,367.06	3/4	1,725.12	3/4	2,083.18	3/4	2,441.24	3/4	2,799.27	3/4	3,157.27	3/4	3,515.23

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 11'-00" OFF CENTERLINE AND 36'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MPC 913"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,522.68	0	3,880.64	0	4,238.59	0	4,595.68	0	4,950.73	0		0		0		0		0	
1/4	3,530.14	1/4	3,888.10	1/4	4,246.05	1/4	4,603.12	1/4	4,957.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,537.60	1/2	3,895.55	1/2	4,253.51	1/2	4,610.55	1/2	4,963.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,545.06	3/4	3,903.01	3/4	4,260.97	3/4	4,617.98	3/4	4,970.48	3/4		3/4		3/4		3/4		3/4	
1	3,552.51	1	3,910.47	1	4,268.42	1	4,625.42	1	4,977.06	1		1		1		1		1	
1/4	3,559.97	1/4	3,917.93	1/4	4,275.88	1/4	4,632.85	1/4	4,982.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,567.43	1/2	3,925.38	1/2	4,283.34	1/2	4,640.29	1/2	4,988.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,574.88	3/4	3,932.84	3/4	4,290.80	3/4	4,647.72	3/4	4,993.62	3/4		3/4		3/4		3/4		3/4	
2	3,582.34	2	3,940.30	2	4,298.25	2	4,655.15	2	4,999.14	2		2		2		2		2	
1/4	3,589.80	1/4	3,947.75	1/4	4,305.71	1/4	4,662.59	1/4	5,003.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.26	1/2	3,955.21	1/2	4,313.16	1/2	4,670.02	1/2	5,008.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,604.71	3/4	3,962.67	3/4	4,320.61	3/4	4,677.46	3/4	5,012.50	3/4		3/4		3/4		3/4		3/4	
3	3,612.17	3	3,970.13	3	4,328.06	3	4,684.89	3	5,016.95	3		3		3		3		3	
1/4	3,619.63	1/4	3,977.58	1/4	4,335.50	1/4	4,692.32	1/4	5,020.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,627.09	1/2	3,985.04	1/2	4,342.93	1/2	4,699.76	1/2	5,023.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.54	3/4	3,992.50	3/4	4,350.36	3/4	4,707.19	3/4	5,027.12	3/4		3/4		3/4		3/4		3/4	
4	3,642.00	4	3,999.96	4	4,357.80	4	4,714.63	4	5,030.50	4		4		4		4		4	
1/4	3,649.46	1/4	4,007.41	1/4	4,365.23	1/4	4,722.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,656.92	1/2	4,014.87	1/2	4,372.67	1/2	4,729.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,664.37	3/4	4,022.33	3/4	4,380.10	3/4	4,736.93	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,671.83	5	4,029.79	5	4,387.53	5	4,744.36	5		5		5		5		5		5	
1/4	3,679.29	1/4	4,037.24	1/4	4,394.97	1/4	4,751.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,686.75	1/2	4,044.70	1/2	4,402.40	1/2	4,759.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,694.20	3/4	4,052.16	3/4	4,409.84	3/4	4,766.66	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,701.66	6	4,059.62	6	4,417.27	6	4,774.10	6		6		6		6		6		6	
1/4	3,709.12	1/4	4,067.07	1/4	4,424.70	1/4	4,781.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.58	1/2	4,074.53	1/2	4,432.14	1/2	4,788.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,724.03	3/4	4,081.99	3/4	4,439.57	3/4	4,796.36	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,731.49	7	4,089.45	7	4,447.00	7	4,803.78	7		7		7		7		7		7	
1/4	3,738.95	1/4	4,096.90	1/4	4,454.44	1/4	4,811.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,746.40	1/2	4,104.36	1/2	4,461.87	1/2	4,818.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.86	3/4	4,111.82	3/4	4,469.31	3/4	4,825.92	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,761.32	8	4,119.27	8	4,476.74	8	4,833.31	8		8		8		8		8		8	
1/4	3,768.78	1/4	4,126.73	1/4	4,484.17	1/4	4,840.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,776.23	1/2	4,134.19	1/2	4,491.61	1/2	4,848.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.69	3/4	4,141.65	3/4	4,499.04	3/4	4,855.45	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,791.15	9	4,149.10	9	4,506.48	9	4,862.84	9		9		9		9		9		9	
1/4	3,798.61	1/4	4,156.56	1/4	4,513.91	1/4	4,870.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,806.06	1/2	4,164.02	1/2	4,521.34	1/2	4,877.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,813.52	3/4	4,171.48	3/4	4,528.78	3/4	4,884.98	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,820.98	10	4,178.93	10	4,536.21	10	4,892.36	10		10		10		10		10		10	
1/4	3,828.44	1/4	4,186.39	1/4	4,543.65	1/4	4,899.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,835.89	1/2	4,193.85	1/2	4,551.08	1/2	4,907.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.35	3/4	4,201.31	3/4	4,558.51	3/4	4,914.46	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,850.81	11	4,208.76	11	4,565.95	11	4,921.83	11		11		11		11		11		11	
1/4	3,858.27	1/4	4,216.22	1/4	4,573.38	1/4	4,929.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,865.72	1/2	4,223.68	1/2	4,580.82	1/2	4,936.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.18	3/4	4,231.14	3/4	4,588.25	3/4	4,943.50	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 SW  
CALCULATED: 05/27/2014 CL  
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2014

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



# BARGE "MPC 913"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	18.37	0	310.46	0	660.54	0	1,018.25	0	1,376.28	0	1,734.40	0	2,092.53	0	2,450.65	0	2,808.74	0	3,166.80
1/4	21.90	1/4	317.37	1/4	668.00	1/4	1,025.70	1/4	1,383.74	1/4	1,741.86	1/4	2,099.99	1/4	2,458.11	1/4	2,816.20	1/4	3,174.26
1/2	25.43	1/2	324.28	1/2	675.47	1/2	1,033.15	1/2	1,391.20	1/2	1,749.32	1/2	2,107.45	1/2	2,465.57	1/2	2,823.66	1/2	3,181.72
3/4	28.96	3/4	331.20	3/4	682.93	3/4	1,040.60	3/4	1,398.66	3/4	1,756.79	3/4	2,114.91	3/4	2,473.03	3/4	2,831.12	3/4	3,189.18
1	32.48	1	338.11	1	690.39	1	1,048.05	1	1,406.12	1	1,764.25	1	2,122.37	1	2,480.49	1	2,838.57	1	3,196.64
1/4	37.72	1/4	345.11	1/4	697.85	1/4	1,055.50	1/4	1,413.58	1/4	1,771.71	1/4	2,129.83	1/4	2,487.95	1/4	2,846.03	1/4	3,204.09
1/2	42.96	1/2	352.11	1/2	705.31	1/2	1,062.96	1/2	1,421.04	1/2	1,779.17	1/2	2,137.29	1/2	2,495.41	1/2	2,853.49	1/2	3,211.55
3/4	48.19	3/4	359.11	3/4	712.77	3/4	1,070.41	3/4	1,428.51	3/4	1,786.63	3/4	2,144.75	3/4	2,502.88	3/4	2,860.95	3/4	3,219.01
2	53.43	2	366.11	2	720.23	2	1,077.86	2	1,435.97	2	1,794.09	2	2,152.21	2	2,510.34	2	2,868.41	2	3,226.47
1/4	59.44	1/4	373.20	1/4	727.69	1/4	1,085.32	1/4	1,443.43	1/4	1,801.55	1/4	2,159.67	1/4	2,517.80	1/4	2,875.87	1/4	3,233.93
1/2	65.44	1/2	380.28	1/2	735.15	1/2	1,092.78	1/2	1,450.89	1/2	1,809.01	1/2	2,167.13	1/2	2,525.26	1/2	2,883.33	1/2	3,241.39
3/4	71.45	3/4	387.37	3/4	742.61	3/4	1,100.23	3/4	1,458.35	3/4	1,816.47	3/4	2,174.60	3/4	2,532.72	3/4	2,890.79	3/4	3,248.85
3	77.45	3	394.46	3	750.07	3	1,107.69	3	1,465.81	3	1,823.93	3	2,182.06	3	2,540.18	3	2,898.25	3	3,256.31
1/4	83.57	1/4	401.64	1/4	757.53	1/4	1,115.15	1/4	1,473.27	1/4	1,831.39	1/4	2,189.52	1/4	2,547.64	1/4	2,905.71	1/4	3,263.76
1/2	89.68	1/2	408.81	1/2	764.99	1/2	1,122.61	1/2	1,480.73	1/2	1,838.86	1/2	2,196.98	1/2	2,555.10	1/2	2,913.17	1/2	3,271.22
3/4	95.79	3/4	415.99	3/4	772.45	3/4	1,130.07	3/4	1,488.19	3/4	1,846.32	3/4	2,204.44	3/4	2,562.56	3/4	2,920.63	3/4	3,278.68
4	101.91	4	423.16	4	779.91	4	1,137.53	4	1,495.65	4	1,853.78	4	2,211.90	4	2,570.02	4	2,928.09	4	3,286.14
1/4	108.12	1/4	430.42	1/4	787.37	1/4	1,144.99	1/4	1,503.11	1/4	1,861.24	1/4	2,219.36	1/4	2,577.48	1/4	2,935.55	1/4	3,293.60
1/2	114.33	1/2	437.69	1/2	794.83	1/2	1,152.45	1/2	1,510.58	1/2	1,868.70	1/2	2,226.82	1/2	2,584.94	1/2	2,943.01	1/2	3,301.06
3/4	120.54	3/4	444.95	3/4	802.29	3/4	1,159.91	3/4	1,518.04	3/4	1,876.16	3/4	2,234.28	3/4	2,592.40	3/4	2,950.47	3/4	3,308.52
5	126.75	5	452.21	5	809.74	5	1,167.37	5	1,525.50	5	1,883.62	5	2,241.74	5	2,599.86	5	2,957.93	5	3,315.97
1/4	133.04	1/4	459.57	1/4	817.19	1/4	1,174.83	1/4	1,532.96	1/4	1,891.08	1/4	2,249.20	1/4	2,607.32	1/4	2,965.39	1/4	3,323.43
1/2	139.34	1/2	466.92	1/2	824.64	1/2	1,182.30	1/2	1,540.42	1/2	1,898.54	1/2	2,256.67	1/2	2,614.78	1/2	2,972.85	1/2	3,330.89
3/4	145.64	3/4	474.27	3/4	832.08	3/4	1,189.76	3/4	1,547.88	3/4	1,906.00	3/4	2,264.13	3/4	2,622.24	3/4	2,980.31	3/4	3,338.35
6	151.94	6	481.62	6	839.53	6	1,197.22	6	1,555.34	6	1,913.46	6	2,271.59	6	2,629.70	6	2,987.77	6	3,345.81
1/4	158.32	1/4	489.05	1/4	846.98	1/4	1,204.68	1/4	1,562.80	1/4	1,920.92	1/4	2,279.05	1/4	2,637.16	1/4	2,995.23	1/4	3,353.27
1/2	164.71	1/2	496.47	1/2	854.42	1/2	1,212.14	1/2	1,570.26	1/2	1,928.39	1/2	2,286.51	1/2	2,644.62	1/2	3,002.69	1/2	3,360.73
3/4	171.09	3/4	503.90	3/4	861.87	3/4	1,219.60	3/4	1,577.72	3/4	1,935.85	3/4	2,293.97	3/4	2,652.08	3/4	3,010.15	3/4	3,368.19
7	177.48	7	511.33	7	869.32	7	1,227.06	7	1,585.18	7	1,943.31	7	2,301.43	7	2,659.54	7	3,017.61	7	3,375.64
1/4	183.95	1/4	518.79	1/4	876.76	1/4	1,234.52	1/4	1,592.65	1/4	1,950.77	1/4	2,308.89	1/4	2,667.00	1/4	3,025.07	1/4	3,383.10
1/2	190.43	1/2	526.25	1/2	884.21	1/2	1,241.98	1/2	1,600.11	1/2	1,958.23	1/2	2,316.35	1/2	2,674.46	1/2	3,032.53	1/2	3,390.56
3/4	196.90	3/4	533.71	3/4	891.66	3/4	1,249.44	3/4	1,607.57	3/4	1,965.69	3/4	2,323.81	3/4	2,681.92	3/4	3,039.99	3/4	3,398.02
8	203.37	8	541.17	8	899.10	8	1,256.90	8	1,615.03	8	1,973.15	8	2,331.27	8	2,689.38	8	3,047.45	8	3,405.48
1/4	209.94	1/4	548.63	1/4	906.55	1/4	1,264.37	1/4	1,622.49	1/4	1,980.61	1/4	2,338.74	1/4	2,696.84	1/4	3,054.91	1/4	3,412.94
1/2	216.50	1/2	556.09	1/2	914.00	1/2	1,271.83	1/2	1,629.95	1/2	1,988.07	1/2	2,346.20	1/2	2,704.30	1/2	3,062.37	1/2	3,420.40
3/4	223.06	3/4	563.55	3/4	921.44	3/4	1,279.29	3/4	1,637.41	3/4	1,995.53	3/4	2,353.66	3/4	2,711.76	3/4	3,069.83	3/4	3,427.86
9	229.62	9	571.02	9	928.89	9	1,286.75	9	1,644.87	9	2,002.99	9	2,361.12	9	2,719.22	9	3,077.29	9	3,435.31
1/4	236.27	1/4	578.48	1/4	936.34	1/4	1,294.21	1/4	1,652.33	1/4	2,010.46	1/4	2,368.58	1/4	2,726.68	1/4	3,084.75	1/4	3,442.77
1/2	242.92	1/2	585.94	1/2	943.79	1/2	1,301.67	1/2	1,659.79	1/2	2,017.92	1/2	2,376.04	1/2	2,734.14	1/2	3,092.21	1/2	3,450.23
3/4	249.57	3/4	593.40	3/4	951.23	3/4	1,309.13	3/4	1,667.25	3/4	2,025.38	3/4	2,383.50	3/4	2,741.60	3/4	3,099.67	3/4	3,457.69
10	256.22	10	600.86	10	958.68	10	1,316.59	10	1,674.72	10	2,032.84	10	2,390.96	10	2,749.06	10	3,107.13	10	3,465.15
1/4	262.95	1/4	608.32	1/4	966.13	1/4	1,324.05	1/4	1,682.18	1/4	2,040.30	1/4	2,398.42	1/4	2,756.52	1/4	3,114.59	1/4	3,472.61
1/2	269.69	1/2	615.78	1/2	973.57	1/2	1,331.51	1/2	1,689.64	1/2	2,047.76	1/2	2,405.88	1/2	2,763.98	1/2	3,122.05	1/2	3,480.07
3/4	276.43	3/4	623.24	3/4	981.02	3/4	1,338.97	3/4	1,697.10	3/4	2,055.22	3/4	2,413.34	3/4	2,771.44	3/4	3,129.51	3/4	3,487.52
11	283.16	11	630.70	11	988.47	11	1,346.44	11	1,704.56	11	2,062.68	11	2,420.81	11	2,778.90	11	3,136.97	11	3,494.98
1/4	289.99	1/4	638.16	1/4	995.91	1/4	1,353.90	1/4	1,712.02	1/4	2,070.14	1/4	2,428.27	1/4	2,786.36	1/4	3,144.42	1/4	3,502.44
1/2	296.81	1/2	645.62	1/2	1,003.36	1/2	1,361.36	1/2	1,719.48	1/2	2,077.60	1/2	2,435.73	1/2	2,793.82	1/2	3,151.88	1/2	3,509.90
3/4	303.64	3/4	653.08	3/4	1,010.81	3/4	1,368.82	3/4	1,726.94	3/4	2,085.06	3/4	2,443.19	3/4	2,801.28	3/4	3,159.34	3/4	3,517.36

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 11'-00" OFF CENTERLINE AND 36'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MPC 913"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,524.82	0	3,882.84	0	4,240.85	0	4,598.01	0	4,953.11	0		0		0		0		0	
1/4	3,532.28	1/4	3,890.29	1/4	4,248.31	1/4	4,605.44	1/4	4,959.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,539.74	1/2	3,897.75	1/2	4,255.77	1/2	4,612.88	1/2	4,966.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,547.19	3/4	3,905.21	3/4	4,263.23	3/4	4,620.31	3/4	4,972.87	3/4		3/4		3/4		3/4		3/4	
1	3,554.65	1	3,912.67	1	4,270.69	1	4,627.75	1	4,979.45	1		1		1		1		1	
1/4	3,562.11	1/4	3,920.13	1/4	4,278.15	1/4	4,635.18	1/4	4,984.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,569.57	1/2	3,927.59	1/2	4,285.61	1/2	4,642.62	1/2	4,990.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,577.03	3/4	3,935.05	3/4	4,293.06	3/4	4,650.05	3/4	4,996.01	3/4		3/4		3/4		3/4		3/4	
2	3,584.49	2	3,942.51	2	4,300.52	2	4,657.49	2	5,001.53	2		2		2		2		2	
1/4	3,591.95	1/4	3,949.96	1/4	4,307.98	1/4	4,664.92	1/4	5,005.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,599.41	1/2	3,957.42	1/2	4,315.43	1/2	4,672.36	1/2	5,010.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.86	3/4	3,964.88	3/4	4,322.88	3/4	4,679.79	3/4	5,014.90	3/4		3/4		3/4		3/4		3/4	
3	3,614.32	3	3,972.34	3	4,330.34	3	4,687.23	3	5,019.35	3		3		3		3		3	
1/4	3,621.78	1/4	3,979.80	1/4	4,337.77	1/4	4,694.66	1/4	5,022.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,629.24	1/2	3,987.26	1/2	4,345.21	1/2	4,702.10	1/2	5,026.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,636.70	3/4	3,994.72	3/4	4,352.64	3/4	4,709.53	3/4	5,029.52	3/4		3/4		3/4		3/4		3/4	
4	3,644.16	4	4,002.18	4	4,360.08	4	4,716.97	4	5,032.91	4		4		4		4		4	
1/4	3,651.62	1/4	4,009.63	1/4	4,367.51	1/4	4,724.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,659.08	1/2	4,017.09	1/2	4,374.95	1/2	4,731.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,666.53	3/4	4,024.55	3/4	4,382.38	3/4	4,739.27	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,673.99	5	4,032.01	5	4,389.82	5	4,746.71	5		5		5		5		5		5	
1/4	3,681.45	1/4	4,039.47	1/4	4,397.26	1/4	4,754.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.91	1/2	4,046.93	1/2	4,404.69	1/2	4,761.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.37	3/4	4,054.39	3/4	4,412.13	3/4	4,769.02	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,703.83	6	4,061.84	6	4,419.56	6	4,776.45	6		6		6		6		6		6	
1/4	3,711.29	1/4	4,069.30	1/4	4,427.00	1/4	4,783.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.74	1/2	4,076.76	1/2	4,434.43	1/2	4,791.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,726.20	3/4	4,084.22	3/4	4,441.87	3/4	4,798.72	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,733.66	7	4,091.68	7	4,449.30	7	4,806.14	7		7		7		7		7		7	
1/4	3,741.12	1/4	4,099.14	1/4	4,456.74	1/4	4,813.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.58	1/2	4,106.60	1/2	4,464.17	1/2	4,820.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.04	3/4	4,114.06	3/4	4,471.61	3/4	4,828.29	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,763.50	8	4,121.51	8	4,479.04	8	4,835.67	8		8		8		8		8		8	
1/4	3,770.96	1/4	4,128.97	1/4	4,486.48	1/4	4,843.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,778.41	1/2	4,136.43	1/2	4,493.91	1/2	4,850.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,785.87	3/4	4,143.89	3/4	4,501.35	3/4	4,857.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,793.33	9	4,151.35	9	4,508.78	9	4,865.21	9		9		9		9		9		9	
1/4	3,800.79	1/4	4,158.81	1/4	4,516.22	1/4	4,872.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,808.25	1/2	4,166.27	1/2	4,523.65	1/2	4,879.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,815.71	3/4	4,173.73	3/4	4,531.09	3/4	4,887.35	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,823.17	10	4,181.18	10	4,538.52	10	4,894.73	10		10		10		10		10		10	
1/4	3,830.63	1/4	4,188.64	1/4	4,545.96	1/4	4,902.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,838.08	1/2	4,196.10	1/2	4,553.39	1/2	4,909.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.54	3/4	4,203.56	3/4	4,560.83	3/4	4,916.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,853.00	11	4,211.02	11	4,568.26	11	4,924.21	11		11		11		11		11		11	
1/4	3,860.46	1/4	4,218.48	1/4	4,575.70	1/4	4,931.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.92	1/2	4,225.94	1/2	4,583.14	1/2	4,938.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.38	3/4	4,233.39	3/4	4,590.57	3/4	4,945.89	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 SW  
CALCULATED: 05/27/2014 CL  
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2014

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