



BARGE "MPC 710"

ULLAGE 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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 PORT	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8
3 STBD	00-3/8	- 00-3/8	00-3/4	- 00-3/4	01-1/4	- 01-1/4	01-5/8	- 01-5/8	02-0/8	- 02-0/8	02-3/8	- 02-3/8

(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 2 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 220'-09"

November 19, 2015

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

<http://www.pmacorp.net>



BARGE "MPC 710"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 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	3,579.92	0	3,217.28	0	2,854.00	0	2,490.07	0	2,126.14	0	1,762.22	0	1,399.04	0	1,035.26	0	674.71
1/4		1/4	3,572.39	1/4	3,209.71	1/4	2,846.42	1/4	2,482.49	1/4	2,118.56	1/4	1,754.64	1/4	1,391.45	1/4	1,027.71	1/4	667.36
1/2		1/2	3,564.86	1/2	3,202.14	1/2	2,838.83	1/2	2,474.91	1/2	2,110.98	1/2	1,747.05	1/2	1,383.87	1/2	1,020.16	1/2	660.00
3/4		3/4	3,557.33	3/4	3,194.58	3/4	2,831.25	3/4	2,467.33	3/4	2,103.40	3/4	1,739.47	3/4	1,376.29	3/4	1,012.63	3/4	652.71
1		1	3,549.80	1	3,187.01	1	2,823.67	1	2,459.74	1	2,095.82	1	1,731.89	1	1,368.71	1	1,005.10	1	645.41
1/4		1/4	3,542.27	1/4	3,179.44	1/4	2,816.09	1/4	2,452.16	1/4	2,088.24	1/4	1,724.31	1/4	1,361.12	1/4	997.56	1/4	638.12
1/2		1/2	3,534.75	1/2	3,171.88	1/2	2,808.51	1/2	2,444.58	1/2	2,080.65	1/2	1,716.73	1/2	1,353.54	1/2	990.03	1/2	630.82
3/4		3/4	3,527.22	3/4	3,164.31	3/4	2,800.92	3/4	2,437.00	3/4	2,073.07	3/4	1,709.15	3/4	1,345.96	3/4	982.50	3/4	623.63
2		2	3,519.69	2	3,156.75	2	2,793.34	2	2,429.42	2	2,065.49	2	1,701.56	2	1,338.38	2	974.97	2	616.44
1/4		1/4	3,512.16	1/4	3,149.18	1/4	2,785.76	1/4	2,421.83	1/4	2,057.91	1/4	1,693.98	1/4	1,330.79	1/4	967.44	1/4	609.25
1/2		1/2	3,504.63	1/2	3,141.61	1/2	2,778.18	1/2	2,414.25	1/2	2,050.33	1/2	1,686.40	1/2	1,323.21	1/2	959.91	1/2	602.06
3/4		3/4	3,497.10	3/4	3,134.05	3/4	2,770.60	3/4	2,406.67	3/4	2,042.74	3/4	1,678.82	3/4	1,315.63	3/4	952.39	3/4	594.98
3		3	3,489.57	3	3,126.48	3	2,763.02	3	2,399.09	3	2,035.16	3	1,671.24	3	1,308.05	3	944.86	3	587.90
1/4		1/4	3,482.04	1/4	3,118.91	1/4	2,755.43	1/4	2,391.51	1/4	2,027.58	1/4	1,663.65	1/4	1,300.46	1/4	937.34	1/4	580.82
1/2		1/2	3,474.52	1/2	3,111.35	1/2	2,747.85	1/2	2,383.93	1/2	2,020.00	1/2	1,656.07	1/2	1,292.88	1/2	929.81	1/2	573.74
3/4		3/4	3,466.95	3/4	3,103.78	3/4	2,740.27	3/4	2,376.34	3/4	2,012.42	3/4	1,648.52	3/4	1,285.30	3/4	922.29	3/4	566.77
4		4	3,459.39	4	3,096.21	4	2,732.69	4	2,368.76	4	2,004.84	4	1,640.96	4	1,277.72	4	914.76	4	559.80
1/4		1/4	3,451.83	1/4	3,088.65	1/4	2,725.11	1/4	2,361.18	1/4	1,997.25	1/4	1,633.41	1/4	1,270.13	1/4	907.24	1/4	552.83
1/2		1/2	3,444.27	1/2	3,081.08	1/2	2,717.53	1/2	2,353.60	1/2	1,989.67	1/2	1,625.85	1/2	1,262.55	1/2	899.71	1/2	545.86
3/4		3/4	3,436.71	3/4	3,073.51	3/4	2,709.94	3/4	2,346.02	3/4	1,982.09	3/4	1,618.30	3/4	1,254.97	3/4	892.19	3/4	539.01
5		5	3,429.14	5	3,065.95	5	2,702.36	5	2,338.44	5	1,974.51	5	1,610.75	5	1,247.39	5	884.67	5	532.15
1/4		1/4	3,421.57	1/4	3,058.38	1/4	2,694.78	1/4	2,330.85	1/4	1,966.93	1/4	1,603.20	1/4	1,239.80	1/4	877.15	1/4	525.29
1/2		1/2	3,414.01	1/2	3,050.81	1/2	2,687.20	1/2	2,323.27	1/2	1,959.35	1/2	1,595.65	1/2	1,232.22	1/2	869.63	1/2	518.44
3/4		3/4	3,406.44	3/4	3,043.25	3/4	2,679.62	3/4	2,315.69	3/4	1,951.76	3/4	1,588.10	3/4	1,224.64	3/4	862.11	3/4	511.69
6	3,727.62	6	3,398.87	6	3,035.68	6	2,672.03	6	2,308.11	6	1,944.18	6	1,580.55	6	1,217.06	6	854.59	6	504.95
1/4		1/4	3,723.60	1/4	3,391.31	1/4	3,028.11	1/4	2,664.45	1/4	2,300.53	1/4	1,936.60	1/4	1,573.00	1/4	1,209.47	1/4	498.21
1/2		1/2	3,719.58	1/2	3,383.74	1/2	3,020.55	1/2	2,656.87	1/2	2,292.94	1/2	1,929.02	1/2	1,565.45	1/2	1,201.89	1/2	491.47
3/4		3/4	3,714.80	3/4	3,376.17	3/4	3,012.98	3/4	2,649.29	3/4	2,285.36	3/4	1,921.44	3/4	1,557.90	3/4	1,194.31	3/4	484.98
7	3,710.02	7	3,368.61	7	3,005.42	7	2,641.71	7	2,277.78	7	1,913.85	7	1,550.35	7	1,186.73	7	824.51	7	478.49
1/4		1/4	3,705.24	1/4	3,361.04	1/4	2,997.85	1/4	2,634.13	1/4	2,270.20	1/4	1,906.27	1/4	1,542.80	1/4	1,179.14	1/4	472.00
1/2		1/2	3,700.46	1/2	3,353.47	1/2	2,990.28	1/2	2,626.54	1/2	2,262.62	1/2	1,898.69	1/2	1,535.25	1/2	1,171.56	1/2	465.51
3/4		3/4	3,694.92	3/4	3,345.91	3/4	2,982.72	3/4	2,618.96	3/4	2,255.04	3/4	1,891.11	3/4	1,527.70	3/4	1,163.98	3/4	459.28
8	3,689.38	8	3,338.34	8	2,975.15	8	2,611.38	8	2,247.45	8	1,883.53	8	1,520.15	8	1,156.40	8	794.43	8	453.06
1/4		1/4	3,683.84	1/4	3,330.77	1/4	2,967.58	1/4	2,603.80	1/4	2,239.87	1/4	1,875.95	1/4	1,512.60	1/4	1,148.81	1/4	446.84
1/2		1/2	3,678.31	1/2	3,323.21	1/2	2,960.02	1/2	2,596.22	1/2	2,232.29	1/2	1,868.36	1/2	1,505.05	1/2	1,141.23	1/2	440.62
3/4		3/4	3,672.01	3/4	3,315.64	3/4	2,952.45	3/4	2,588.63	3/4	2,224.71	3/4	1,860.78	3/4	1,497.50	3/4	1,133.65	3/4	434.53
9	3,665.71	9	3,308.08	9	2,944.88	9	2,581.05	9	2,217.13	9	1,853.20	9	1,489.95	9	1,126.07	9	764.35	9	428.44
1/4		1/4	3,659.42	1/4	3,300.51	1/4	2,937.32	1/4	2,573.47	1/4	2,209.54	1/4	1,845.62	1/4	1,482.40	1/4	1,118.48	1/4	422.34
1/2		1/2	3,653.12	1/2	3,292.94	1/2	2,929.75	1/2	2,565.89	1/2	2,201.96	1/2	1,838.04	1/2	1,474.84	1/2	1,110.90	1/2	416.25
3/4		3/4	3,646.06	3/4	3,285.38	3/4	2,922.18	3/4	2,558.31	3/4	2,194.38	3/4	1,830.45	3/4	1,467.27	3/4	1,103.32	3/4	410.27
10	3,639.01	10	3,277.81	10	2,914.62	10	2,550.73	10	2,186.80	10	1,822.87	10	1,459.69	10	1,095.74	10	734.28	10	404.29
1/4		1/4	3,631.96	1/4	3,270.24	1/4	2,907.05	1/4	2,543.14	1/4	2,179.22	1/4	1,815.29	1/4	1,452.11	1/4	1,088.15	1/4	398.32
1/2		1/2	3,624.90	1/2	3,262.68	1/2	2,899.48	1/2	2,535.56	1/2	2,171.64	1/2	1,807.71	1/2	1,444.53	1/2	1,080.57	1/2	392.34
3/4		3/4	3,617.42	3/4	3,255.11	3/4	2,891.90	3/4	2,527.98	3/4	2,164.05	3/4	1,800.13	3/4	1,436.95	3/4	1,073.02	3/4	386.47
11	3,609.94	11	3,247.54	11	2,884.32	11	2,520.40	11	2,156.47	11	1,792.55	11	1,429.37	11	1,065.46	11	704.33	11	380.60
1/4		1/4	3,602.46	1/4	3,239.98	1/4	2,876.74	1/4	2,512.82	1/4	2,148.89	1/4	1,784.96	1/4	1,421.78	1/4	1,057.91	1/4	374.73
1/2		1/2	3,594.98	1/2	3,232.41	1/2	2,869.16	1/2	2,505.23	1/2	2,141.31	1/2	1,777.38	1/2	1,414.20	1/2	1,050.36	1/2	368.86
3/4		3/4	3,587.45	3/4	3,224.84	3/4	2,861.58	3/4	2,497.65	3/4	2,133.73	3/4	1,769.80	3/4	1,406.62	3/4	1,042.81	3/4	363.11

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" ULLAGE HATCH.
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "MPC 710"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 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	357.35	0	99.47	0		0		0		0		0		0		0		0	
1/4	351.60	1/4	94.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	345.84	1/2	90.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	340.06	3/4	85.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	334.27	1	81.04	1		1		1		1		1		1		1		1	
1/4	328.49	1/4	76.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	322.70	1/2	72.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	316.87	3/4	67.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	311.04	2	63.65	2		2		2		2		2		2		2		2	
1/4	305.21	1/4	59.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	299.37	1/2	55.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	293.63	3/4	51.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	287.89	3	46.85	3		3		3		3		3		3		3		3	
1/4	282.15	1/4	42.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	276.41	1/2	38.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	270.78	3/4	35.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	265.15	4	31.59	4		4		4		4		4		4		4		4	
1/4	259.52	1/4	28.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	253.89	1/2	24.72	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	248.38	3/4	22.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	242.86	5	20.81	5		5		5		5		5		5		5		5	
1/4	237.34	1/4	18.85	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	231.82	1/2	16.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	226.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	221.02	6		6		6		6		6		6		6		6		6	
1/4	215.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	210.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	204.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	199.64	7		7		7		7		7		7		7		7		7	
1/4	194.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	189.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	183.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	178.71	8		8		8		8		8		8		8		8		8	
1/4	173.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	158.23	9		9		9		9		9		9		9		9		9	
1/4	153.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	148.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	138.19	10		10		10		10		10		10		10		10		10	
1/4	133.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	118.61	11		11		11		11		11		11		11		11		11	
1/4	113.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104.19	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "MPC 710"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 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	3,575.44	0	3,213.44	0	2,850.81	0	2,487.53	0	2,124.25	0	1,760.96	0	1,398.42	0	1,035.11	0	673.60
1/4		1/4	3,567.92	1/4	3,205.89	1/4	2,843.25	1/4	2,479.96	1/4	2,116.68	1/4	1,753.40	1/4	1,390.85	1/4	1,027.54	1/4	666.23
1/2		1/2	3,560.41	1/2	3,198.34	1/2	2,835.68	1/2	2,472.39	1/2	2,109.11	1/2	1,745.83	1/2	1,383.29	1/2	1,019.97	1/2	658.85
3/4		3/4	3,552.89	3/4	3,190.78	3/4	2,828.11	3/4	2,464.83	3/4	2,101.54	3/4	1,738.26	3/4	1,375.72	3/4	1,012.42	3/4	651.57
1		1	3,545.38	1	3,183.23	1	2,820.54	1	2,457.26	1	2,093.97	1	1,730.69	1	1,368.15	1	1,004.87	1	644.28
1/4		1/4	3,537.86	1/4	3,175.68	1/4	2,812.97	1/4	2,449.69	1/4	2,086.41	1/4	1,723.12	1/4	1,360.58	1/4	997.32	1/4	636.99
1/2		1/2	3,530.35	1/2	3,168.13	1/2	2,805.40	1/2	2,442.12	1/2	2,078.84	1/2	1,715.55	1/2	1,353.01	1/2	989.76	1/2	629.71
3/4		3/4	3,522.83	3/4	3,160.57	3/4	2,797.84	3/4	2,434.55	3/4	2,071.27	3/4	1,707.99	3/4	1,345.44	3/4	982.21	3/4	622.53
2		2	3,515.32	2	3,153.02	2	2,790.27	2	2,426.98	2	2,063.70	2	1,700.42	2	1,337.87	2	974.66	2	615.35
1/4		1/4	3,507.80	1/4	3,145.47	1/4	2,782.70	1/4	2,419.42	1/4	2,056.13	1/4	1,692.85	1/4	1,330.30	1/4	967.11	1/4	608.17
1/2		1/2	3,500.29	1/2	3,137.91	1/2	2,775.13	1/2	2,411.85	1/2	2,048.56	1/2	1,685.28	1/2	1,322.73	1/2	959.56	1/2	600.99
3/4		3/4	3,492.77	3/4	3,130.36	3/4	2,767.56	3/4	2,404.28	3/4	2,041.00	3/4	1,677.71	3/4	1,315.16	3/4	952.02	3/4	593.93
3		3	3,485.26	3	3,122.81	3	2,759.99	3	2,396.71	3	2,033.43	3	1,670.14	3	1,307.60	3	944.47	3	586.86
1/4		1/4	3,477.74	1/4	3,115.25	1/4	2,752.43	1/4	2,389.14	1/4	2,025.86	1/4	1,662.58	1/4	1,300.03	1/4	936.93	1/4	579.79
1/2		1/2	3,470.23	1/2	3,107.70	1/2	2,744.86	1/2	2,381.57	1/2	2,018.29	1/2	1,655.01	1/2	1,292.46	1/2	929.38	1/2	572.72
3/4		3/4	3,462.68	3/4	3,100.15	3/4	2,737.29	3/4	2,374.01	3/4	2,010.72	3/4	1,647.47	3/4	1,284.89	3/4	921.84	3/4	565.77
4		4	3,455.13	4	3,092.59	4	2,729.72	4	2,366.44	4	2,003.15	4	1,639.93	4	1,277.32	4	914.30	4	558.81
1/4		1/4	3,447.58	1/4	3,085.04	1/4	2,722.15	1/4	2,358.87	1/4	1,995.59	1/4	1,632.39	1/4	1,269.75	1/4	906.75	1/4	551.85
1/2		1/2	3,440.04	1/2	3,077.49	1/2	2,714.58	1/2	2,351.30	1/2	1,988.02	1/2	1,624.84	1/2	1,262.18	1/2	899.21	1/2	544.90
3/4		3/4	3,432.48	3/4	3,069.93	3/4	2,707.01	3/4	2,343.73	3/4	1,980.45	3/4	1,617.31	3/4	1,254.61	3/4	891.67	3/4	538.05
5		5	3,424.93	5	3,062.38	5	2,699.45	5	2,336.16	5	1,972.88	5	1,609.77	5	1,247.04	5	884.13	5	531.21
1/4		1/4	3,417.38	1/4	3,054.83	1/4	2,691.88	1/4	2,328.59	1/4	1,965.31	1/4	1,602.23	1/4	1,239.47	1/4	876.59	1/4	524.36
1/2		1/2	3,409.82	1/2	3,047.28	1/2	2,684.31	1/2	2,321.03	1/2	1,957.74	1/2	1,594.70	1/2	1,231.91	1/2	869.04	1/2	517.52
3/4		3/4	3,402.27	3/4	3,039.72	3/4	2,676.74	3/4	2,313.46	3/4	1,950.17	3/4	1,587.16	3/4	1,224.34	3/4	861.50	3/4	510.79
6	3,722.88	6	3,394.72	6	3,032.17	6	2,669.17	6	2,305.89	6	1,942.61	6	1,579.62	6	1,216.77	6	853.96	6	504.06
1/4		1/4	3,718.87	1/4	3,387.16	1/4	3,024.62	1/4	2,661.60	1/4	2,298.32	1/4	1,935.04	1/4	1,572.08	1/4	846.42	1/4	497.33
1/2		1/2	3,714.85	1/2	3,379.61	1/2	3,017.06	1/2	2,654.04	1/2	2,290.75	1/2	1,927.47	1/2	1,564.55	1/2	838.88	1/2	490.60
3/4		3/4	3,710.08	3/4	3,372.06	3/4	3,009.51	3/4	2,646.47	3/4	2,283.18	3/4	1,919.90	3/4	1,557.01	3/4	831.34	3/4	484.12
7	3,705.31	7	3,364.51	7	3,001.96	7	2,638.90	7	2,275.62	7	1,912.33	7	1,549.47	7	1,186.49	7	823.80	7	477.64
1/4		1/4	3,700.54	1/4	3,356.95	1/4	2,994.40	1/4	2,631.33	1/4	2,268.05	1/4	1,904.76	1/4	1,541.94	1/4	816.26	1/4	471.16
1/2		1/2	3,695.77	1/2	3,349.40	1/2	2,986.85	1/2	2,623.76	1/2	2,260.48	1/2	1,897.20	1/2	1,534.40	1/2	808.72	1/2	464.68
3/4		3/4	3,690.24	3/4	3,341.85	3/4	2,979.30	3/4	2,616.19	3/4	2,252.91	3/4	1,889.63	3/4	1,526.86	3/4	801.18	3/4	458.47
8	3,684.71	8	3,334.29	8	2,971.74	8	2,608.63	8	2,245.34	8	1,882.06	8	1,519.32	8	1,156.22	8	793.64	8	452.26
1/4		1/4	3,679.18	1/4	3,326.74	1/4	2,964.19	1/4	2,601.06	1/4	2,237.77	1/4	1,874.49	1/4	1,511.79	1/4	786.10	1/4	446.05
1/2		1/2	3,673.65	1/2	3,319.19	1/2	2,956.64	1/2	2,593.49	1/2	2,230.21	1/2	1,866.92	1/2	1,504.25	1/2	778.56	1/2	439.84
3/4		3/4	3,667.37	3/4	3,311.63	3/4	2,949.09	3/4	2,585.92	3/4	2,222.64	3/4	1,859.35	3/4	1,496.71	3/4	771.02	3/4	433.76
9	3,661.08	9	3,304.08	9	2,941.53	9	2,578.35	9	2,215.07	9	1,851.79	9	1,489.17	9	1,125.94	9	763.48	9	427.68
1/4		1/4	3,654.80	1/4	3,296.53	1/4	2,933.98	1/4	2,570.78	1/4	2,207.50	1/4	1,844.22	1/4	1,481.64	1/4	755.94	1/4	421.60
1/2		1/2	3,648.51	1/2	3,288.97	1/2	2,926.43	1/2	2,563.22	1/2	2,199.93	1/2	1,836.65	1/2	1,474.10	1/2	748.40	1/2	415.52
3/4		3/4	3,641.47	3/4	3,281.42	3/4	2,918.87	3/4	2,555.65	3/4	2,192.36	3/4	1,829.08	3/4	1,466.53	3/4	740.86	3/4	409.55
10	3,634.43	10	3,273.87	10	2,911.32	10	2,548.08	10	2,184.80	10	1,821.51	10	1,458.97	10	1,095.66	10	733.33	10	403.58
1/4		1/4	3,627.38	1/4	3,266.32	1/4	2,903.77	1/4	2,540.51	1/4	2,177.23	1/4	1,813.94	1/4	1,451.40	1/4	725.80	1/4	397.61
1/2		1/2	3,620.34	1/2	3,258.76	1/2	2,896.21	1/2	2,532.94	1/2	2,169.66	1/2	1,806.38	1/2	1,443.84	1/2	718.26	1/2	391.64
3/4		3/4	3,612.87	3/4	3,251.21	3/4	2,888.65	3/4	2,525.37	3/4	2,162.09	3/4	1,798.81	3/4	1,436.27	3/4	710.78	3/4	385.79
11	3,605.41	11	3,243.66	11	2,881.08	11	2,517.80	11	2,154.52	11	1,791.24	11	1,428.70	11	1,065.39	11	703.30	11	379.93
1/4		1/4	3,597.94	1/4	3,236.10	1/4	2,873.52	1/4	2,510.24	1/4	2,146.95	1/4	1,783.67	1/4	1,421.13	1/4	695.83	1/4	374.07
1/2		1/2	3,590.47	1/2	3,228.55	1/2	2,865.95	1/2	2,502.67	1/2	2,139.38	1/2	1,776.10	1/2	1,413.56	1/2	688.35	1/2	368.21
3/4		3/4	3,582.95	3/4	3,221.00	3/4	2,858.38	3/4	2,495.10	3/4	2,131.82	3/4	1,768.53	3/4	1,405.99	3/4	680.97	3/4	362.47

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 UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" ULLAGE HATCH.
GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "MPC 710"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 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	356.72	0	99.29	0		0		0		0		0		0		0		0	
1/4	350.98	1/4	94.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	345.23	1/2	89.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	339.46	3/4	85.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	333.68	1	80.90	1		1		1		1		1		1		1		1	
1/4	327.91	1/4	76.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	322.13	1/2	71.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	316.31	3/4	67.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	310.49	2	63.55	2		2		2		2		2		2		2		2	
1/4	304.67	1/4	59.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	298.85	1/2	55.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	293.12	3/4	50.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	287.39	3	46.77	3		3		3		3		3		3		3		3	
1/4	281.65	1/4	42.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	275.92	1/2	38.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	270.31	3/4	34.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	264.69	4	31.54	4		4		4		4		4		4		4		4	
1/4	259.07	1/4	28.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	253.45	1/2	24.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	247.94	3/4	22.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	242.43	5	20.78	5		5		5		5		5		5		5		5	
1/4	236.92	1/4	18.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	231.42	1/2	16.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	226.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	220.63	6		6		6		6		6		6		6		6		6	
1/4	215.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	209.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	204.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	199.29	7		7		7		7		7		7		7		7		7	
1/4	194.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	188.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	183.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	178.40	8		8		8		8		8		8		8		8		8	
1/4	173.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	157.95	9		9		9		9		9		9		9		9		9	
1/4	152.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	147.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	137.95	10		10		10		10		10		10		10		10		10	
1/4	133.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	118.40	11		11		11		11		11		11		11		11		11	
1/4	113.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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



BARGE "MPC 710"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06"

Table with columns for depth (0 to 9 FT) and sub-columns for 1/4, 1/2, and 3/4 increments. Values represent capacity in barrels.

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 UNDERSIDE OF DECK AT GAUGE POINT. CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" ULLAGE HATCH. GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.

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BARGE "MPC 710"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	538.94	0	181.63	0		0		0		0		0		0		0		0	
1/4	531.77	1/4	174.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	524.60	1/2	166.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	517.43	3/4	159.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	510.25	1	151.69	1		1		1		1		1		1		1		1	
1/4	502.94	1/4	144.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	495.63	1/2	137.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	488.32	3/4	129.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	481.01	2	122.30	2		2		2		2		2		2		2		2	
1/4	473.54	1/4	115.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	466.07	1/2	107.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	458.60	3/4	100.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	451.13	3	93.55	3		3		3		3		3		3		3		3	
1/4	443.64	1/4	86.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	436.15	1/2	78.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	428.66	3/4	71.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	421.17	4	64.43	4		4		4		4		4		4		4		4	
1/4	413.68	1/4	57.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	406.19	1/2	51.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	398.70	3/4	44.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	391.21	5	37.84	5		5		5		5		5		5		5		5	
1/4	383.72	1/4	32.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	376.23	1/2	28.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	368.74	3/4	23.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	361.25	6	18.17	6		6		6		6		6		6		6		6	
1/4	353.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	346.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	338.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	331.30	7		7		7		7		7		7		7		7		7	
1/4	323.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	316.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	308.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	301.36	8		8		8		8		8		8		8		8		8	
1/4	293.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	286.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	278.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	271.43	9		9		9		9		9		9		9		9		9	
1/4	263.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	256.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	248.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	241.50	10		10		10		10		10		10		10		10		10	
1/4	234.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	226.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	219.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	211.56	11		11		11		11		11		11		11		11		11	
1/4	204.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	196.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	189.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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



BARGE "MPC 710"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
			3,754.27		3,396.08		3,037.24		2,677.73		2,318.21		1,958.70		1,603.18		1,243.63		885.25
1/4		1/4	3,746.84	1/4	3,388.61	1/4	3,029.75	1/4	2,670.24	1/4	2,310.72	1/4	1,951.21	1/4	1,595.69	1/4	1,236.14	1/4	877.79
1/2		1/2	3,739.40	1/2	3,381.13	1/2	3,022.26	1/2	2,662.75	1/2	2,303.23	1/2	1,943.72	1/2	1,588.20	1/2	1,228.65	1/2	870.33
3/4		3/4	3,731.96	3/4	3,373.66	3/4	3,014.77	3/4	2,655.26	3/4	2,295.74	3/4	1,936.23	3/4	1,580.70	3/4	1,221.16	3/4	862.87
1		1	3,724.53	1	3,366.19	1	3,007.28	1	2,647.77	1	2,288.25	1	1,928.74	1	1,573.21	1	1,213.68	1	855.38
1/4		1/4	3,717.09	1/4	3,358.71	1/4	2,999.79	1/4	2,640.28	1/4	2,280.76	1/4	1,921.25	1/4	1,565.72	1/4	1,206.21	1/4	847.90
1/2		1/2	3,709.65	1/2	3,351.24	1/2	2,992.30	1/2	2,632.79	1/2	2,273.27	1/2	1,913.76	1/2	1,558.23	1/2	1,198.73	1/2	840.41
3/4		3/4	3,702.22	3/4	3,343.76	3/4	2,984.81	3/4	2,625.30	3/4	2,265.78	3/4	1,906.27	3/4	1,550.74	3/4	1,191.26	3/4	832.92
2		2	3,694.78	2	3,336.29	2	2,977.32	2	2,617.81	2	2,258.29	2	1,898.78	2	1,543.25	2	1,183.79	2	825.43
1/4		1/4	3,687.34	1/4	3,328.81	1/4	2,969.83	1/4	2,610.32	1/4	2,250.80	1/4	1,891.29	1/4	1,535.76	1/4	1,176.32	1/4	817.94
1/2		1/2	3,679.91	1/2	3,321.34	1/2	2,962.34	1/2	2,602.83	1/2	2,243.31	1/2	1,883.80	1/2	1,528.27	1/2	1,168.84	1/2	810.45
3/4		3/4	3,672.47	3/4	3,313.86	3/4	2,954.85	3/4	2,595.34	3/4	2,235.82	3/4	1,876.31	3/4	1,520.78	3/4	1,161.37	3/4	802.96
3		3	3,665.03	3	3,306.39	3	2,947.36	3	2,587.85	3	2,228.33	3	1,868.82	3	1,513.29	3	1,153.91	3	795.47
1/4		1/4	3,657.60	1/4	3,298.92	1/4	2,939.87	1/4	2,580.36	1/4	2,220.84	1/4	1,861.33	1/4	1,505.80	1/4	1,146.44	1/4	787.98
1/2		1/2	3,650.16	1/2	3,291.44	1/2	2,932.38	1/2	2,572.87	1/2	2,213.35	1/2	1,853.84	1/2	1,498.31	1/2	1,138.97	1/2	780.49
3/4		3/4	3,642.72	3/4	3,283.97	3/4	2,924.89	3/4	2,565.38	3/4	2,205.86	3/4	1,846.35	3/4	1,490.82	3/4	1,131.51	3/4	773.00
4		4	3,635.25	4	3,276.49	4	2,917.40	4	2,557.89	4	2,198.37	4	1,839.00	4	1,483.33	4	1,124.04	4	765.51
1/4		1/4	3,627.78	1/4	3,269.02	1/4	2,909.91	1/4	2,550.40	1/4	2,190.88	1/4	1,831.66	1/4	1,475.84	1/4	1,116.58	1/4	758.02
1/2		1/2	3,620.31	1/2	3,261.54	1/2	2,902.42	1/2	2,542.91	1/2	2,183.39	1/2	1,824.32	1/2	1,468.35	1/2	1,109.11	1/2	750.53
3/4		3/4	3,612.84	3/4	3,254.07	3/4	2,894.93	3/4	2,535.42	3/4	2,175.90	3/4	1,816.97	3/4	1,460.85	3/4	1,101.65	3/4	743.04
5		5	3,605.37	5	3,246.59	5	2,887.44	5	2,527.93	5	2,168.41	5	1,809.65	5	1,453.36	5	1,094.18	5	735.55
1/4		1/4	3,597.90	1/4	3,239.12	1/4	2,879.95	1/4	2,520.44	1/4	2,160.92	1/4	1,802.33	1/4	1,445.87	1/4	1,086.72	1/4	728.06
1/2		1/2	3,590.42	1/2	3,231.64	1/2	2,872.46	1/2	2,512.95	1/2	2,153.43	1/2	1,795.00	1/2	1,438.38	1/2	1,079.26	1/2	720.57
3/4		3/4	3,582.95	3/4	3,224.17	3/4	2,864.97	3/4	2,505.46	3/4	2,145.94	3/4	1,787.68	3/4	1,430.89	3/4	1,071.80	3/4	713.08
6		6	3,575.47	6	3,216.70	6	2,857.48	6	2,497.97	6	2,138.45	6	1,780.36	6	1,423.40	6	1,064.33	6	705.59
1/4	3,892.73	1/4	3,568.00	1/4	3,209.22	1/4	2,850.00	1/4	2,490.48	1/4	2,130.96	1/4	1,773.03	1/4	1,415.91	1/4	1,056.87	1/4	698.10
1/2	3,888.76	1/2	3,560.52	1/2	3,201.75	1/2	2,842.51	1/2	2,482.99	1/2	2,123.47	1/2	1,765.71	1/2	1,408.42	1/2	1,049.41	1/2	690.62
3/4	3,884.79	3/4	3,553.05	3/4	3,194.27	3/4	2,835.02	3/4	2,475.50	3/4	2,115.98	3/4	1,758.39	3/4	1,400.93	3/4	1,041.95	3/4	683.13
7	3,880.06	7	3,545.57	7	3,186.80	7	2,827.53	7	2,468.01	7	2,108.49	7	1,751.06	7	1,393.44	7	1,034.49	7	675.78
1/4	3,875.34	1/4	3,538.10	1/4	3,179.32	1/4	2,820.04	1/4	2,460.52	1/4	2,101.01	1/4	1,743.74	1/4	1,385.95	1/4	1,027.03	1/4	668.43
1/2	3,870.62	1/2	3,530.62	1/2	3,171.85	1/2	2,812.55	1/2	2,453.03	1/2	2,093.52	1/2	1,736.42	1/2	1,378.46	1/2	1,019.56	1/2	661.09
3/4	3,865.90	3/4	3,523.15	3/4	3,164.37	3/4	2,805.06	3/4	2,445.54	3/4	2,086.03	3/4	1,729.09	3/4	1,370.97	3/4	1,012.10	3/4	653.74
8	3,860.43	8	3,515.68	8	3,156.90	8	2,797.57	8	2,438.05	8	2,078.54	8	1,721.77	8	1,363.48	8	1,004.64	8	646.55
1/4	3,854.96	1/4	3,508.20	1/4	3,149.43	1/4	2,790.08	1/4	2,430.56	1/4	2,071.05	1/4	1,714.45	1/4	1,355.99	1/4	997.18	1/4	639.36
1/2	3,849.49	1/2	3,500.73	1/2	3,141.95	1/2	2,782.59	1/2	2,423.07	1/2	2,063.56	1/2	1,707.12	1/2	1,348.50	1/2	989.72	1/2	632.17
3/4	3,844.02	3/4	3,493.25	3/4	3,134.48	3/4	2,775.10	3/4	2,415.58	3/4	2,056.07	3/4	1,699.80	3/4	1,341.01	3/4	982.26	3/4	624.98
9	3,837.80	9	3,485.78	9	3,127.00	9	2,767.61	9	2,408.09	9	2,048.58	9	1,692.48	9	1,333.51	9	974.79	9	617.81
1/4	3,831.58	1/4	3,478.30	1/4	3,119.53	1/4	2,760.12	1/4	2,400.60	1/4	2,041.09	1/4	1,685.15	1/4	1,326.02	1/4	967.33	1/4	610.64
1/2	3,825.36	1/2	3,470.83	1/2	3,112.05	1/2	2,752.63	1/2	2,393.11	1/2	2,033.60	1/2	1,677.83	1/2	1,318.53	1/2	959.87	1/2	603.47
3/4	3,819.14	3/4	3,463.35	3/4	3,104.58	3/4	2,745.14	3/4	2,385.62	3/4	2,026.11	3/4	1,670.50	3/4	1,311.04	3/4	952.41	3/4	596.30
10	3,812.17	10	3,455.88	10	3,097.10	10	2,737.65	10	2,378.13	10	2,018.62	10	1,663.04	10	1,303.55	10	944.95	10	589.13
1/4	3,805.21	1/4	3,448.41	1/4	3,089.63	1/4	2,730.16	1/4	2,370.64	1/4	2,011.13	1/4	1,655.57	1/4	1,296.06	1/4	937.48	1/4	581.96
1/2	3,798.24	1/2	3,440.93	1/2	3,082.15	1/2	2,722.67	1/2	2,363.15	1/2	2,003.64	1/2	1,648.10	1/2	1,288.57	1/2	930.02	1/2	574.79
3/4	3,791.27	3/4	3,433.46	3/4	3,074.68	3/4	2,715.18	3/4	2,355.66	3/4	1,996.15	3/4	1,640.63	3/4	1,281.08	3/4	922.56	3/4	567.62
11	3,783.88	11	3,425.98	11	3,067.19	11	2,707.69	11	2,348.17	11	1,988.66	11	1,633.14	11	1,273.59	11	915.10	11	560.45
1/4	3,776.49	1/4	3,418.51	1/4	3,059.71	1/4	2,700.20	1/4	2,340.68	1/4	1,981.17	1/4	1,625.65	1/4	1,266.10	1/4	907.64	1/4	553.28
1/2	3,769.10	1/2	3,411.03	1/2	3,052.22	1/2	2,692.71	1/2	2,333.19	1/2	1,973.68	1/2	1,618.16	1/2	1,258.61	1/2	900.18	1/2	546.11
3/4	3,761.71	3/4	3,403.56	3/4	3,044.73	3/4	2,685.22	3/4	2,325.70	3/4	1,966.19	3/4	1,610.67	3/4	1,251.12	3/4	892.71	3/4	538.94

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" ULLAGE HATCH.
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "MPC 710"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	531.76	0	174.14	0		0		0		0		0		0		0		0	
1/4	524.59	1/4	166.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	517.42	1/2	159.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	510.25	3/4	151.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	502.94	1	144.35	1		1		1		1		1		1		1		1	
1/4	495.63	1/4	137.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	488.32	1/2	129.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	481.01	3/4	122.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	473.54	2	115.11	2		2		2		2		2		2		2		2	
1/4	466.07	1/4	107.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	458.60	1/2	100.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	451.13	3/4	93.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	443.64	3	86.27	3		3		3		3		3		3		3		3	
1/4	436.15	1/4	78.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	428.66	1/2	71.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	421.17	3/4	64.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	413.68	4	57.78	4		4		4		4		4		4		4		4	
1/4	406.19	1/4	51.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	398.70	1/2	44.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	391.21	3/4	37.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	383.72	5	32.93	5		5		5		5		5		5		5		5	
1/4	376.23	1/4	28.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	368.74	1/2	23.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	361.25	3/4	18.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	353.76	6		6		6		6		6		6		6		6		6	
1/4	346.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	338.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	331.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	323.81	7		7		7		7		7		7		7		7		7	
1/4	316.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	308.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	301.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	293.88	8		8		8		8		8		8		8		8		8	
1/4	286.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	278.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	271.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	263.95	9		9		9		9		9		9		9		9		9	
1/4	256.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	248.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	241.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	234.01	10		10		10		10		10		10		10		10		10	
1/4	226.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	219.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	211.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	204.08	11		11		11		11		11		11		11		11		11	
1/4	196.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	189.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	181.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MPC 710"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0			3,709.84		3,354.05		2,997.61		2,640.49		2,283.38		1,926.45		1,573.33		1,218.07		879.01
1/4		1/4	3,702.46	1/4	3,346.63	1/4	2,990.17	1/4	2,633.05	1/4	2,275.94	1/4	1,919.02	1/4	1,565.90	1/4	1,210.98	1/4	871.95
1/2		1/2	3,695.07	1/2	3,339.20	1/2	2,982.73	1/2	2,625.61	1/2	2,268.50	1/2	1,911.59	1/2	1,558.47	1/2	1,203.89	1/2	864.89
3/4		3/4	3,687.68	3/4	3,331.78	3/4	2,975.29	3/4	2,618.17	3/4	2,261.06	3/4	1,904.16	3/4	1,551.03	3/4	1,196.81	3/4	857.83
1		1	3,680.29	1	3,324.35	1	2,967.85	1	2,610.73	1	2,253.62	1	1,896.73	1	1,543.60	1	1,189.73	1	850.43
1/4		1/4	3,672.91	1/4	3,316.93	1/4	2,960.41	1/4	2,603.29	1/4	2,246.18	1/4	1,889.29	1/4	1,536.16	1/4	1,182.66	1/4	843.04
1/2		1/2	3,665.52	1/2	3,309.50	1/2	2,952.97	1/2	2,595.85	1/2	2,238.74	1/2	1,881.86	1/2	1,528.73	1/2	1,175.59	1/2	835.64
3/4		3/4	3,658.13	3/4	3,302.08	3/4	2,945.53	3/4	2,588.41	3/4	2,231.30	3/4	1,874.43	3/4	1,521.30	3/4	1,168.52	3/4	828.25
2		2	3,650.75	2	3,294.65	2	2,938.09	2	2,580.97	2	2,223.86	2	1,867.00	2	1,513.86	2	1,161.45	2	820.80
1/4		1/4	3,643.36	1/4	3,287.23	1/4	2,930.65	1/4	2,573.53	1/4	2,216.42	1/4	1,859.56	1/4	1,506.43	1/4	1,154.38	1/4	813.36
1/2		1/2	3,635.97	1/2	3,279.81	1/2	2,923.21	1/2	2,566.09	1/2	2,208.98	1/2	1,852.13	1/2	1,499.00	1/2	1,147.31	1/2	805.91
3/4		3/4	3,628.59	3/4	3,272.38	3/4	2,915.77	3/4	2,558.65	3/4	2,201.54	3/4	1,844.70	3/4	1,491.56	3/4	1,140.24	3/4	798.47
3		3	3,621.20	3	3,264.96	3	2,908.33	3	2,551.21	3	2,194.10	3	1,837.27	3	1,484.13	3	1,133.18	3	791.03
1/4		1/4	3,613.81	1/4	3,257.53	1/4	2,900.89	1/4	2,543.77	1/4	2,186.66	1/4	1,829.84	1/4	1,476.69	1/4	1,126.11	1/4	783.58
1/2		1/2	3,606.43	1/2	3,250.11	1/2	2,893.45	1/2	2,536.33	1/2	2,179.22	1/2	1,822.40	1/2	1,469.26	1/2	1,119.05	1/2	776.14
3/4		3/4	3,599.04	3/4	3,242.68	3/4	2,886.01	3/4	2,528.90	3/4	2,171.78	3/4	1,814.97	3/4	1,461.83	3/4	1,111.98	3/4	768.70
4		4	3,591.62	4	3,235.26	4	2,878.57	4	2,521.46	4	2,164.34	4	1,807.67	4	1,454.39	4	1,104.92	4	761.25
1/4		1/4	3,584.20	1/4	3,227.83	1/4	2,871.13	1/4	2,514.02	1/4	2,156.90	1/4	1,800.37	1/4	1,446.96	1/4	1,097.86	1/4	753.81
1/2		1/2	3,576.78	1/2	3,220.41	1/2	2,863.69	1/2	2,506.58	1/2	2,149.46	1/2	1,793.07	1/2	1,439.53	1/2	1,090.80	1/2	746.37
3/4		3/4	3,569.36	3/4	3,212.98	3/4	2,856.25	3/4	2,499.14	3/4	2,142.02	3/4	1,785.77	3/4	1,432.09	3/4	1,083.73	3/4	738.92
5		5	3,561.94	5	3,205.56	5	2,848.81	5	2,491.70	5	2,134.58	5	1,778.49	5	1,424.66	5	1,076.67	5	731.48
1/4		1/4	3,554.51	1/4	3,198.14	1/4	2,841.37	1/4	2,484.26	1/4	2,127.14	1/4	1,771.21	1/4	1,417.22	1/4	1,069.61	1/4	724.04
1/2		1/2	3,547.09	1/2	3,190.71	1/2	2,833.93	1/2	2,476.82	1/2	2,119.70	1/2	1,763.93	1/2	1,409.79	1/2	1,062.55	1/2	716.59
3/4		3/4	3,539.66	3/4	3,183.29	3/4	2,826.49	3/4	2,469.38	3/4	2,112.26	3/4	1,756.65	3/4	1,402.36	3/4	1,055.49	3/4	709.15
6		6	3,532.24	6	3,175.86	6	2,819.05	6	2,461.94	6	2,104.83	6	1,749.37	6	1,394.92	6	1,048.43	6	701.71
1/4	3,847.38	1/4	3,524.81	1/4	3,168.44	1/4	2,811.61	1/4	2,454.50	1/4	2,097.39	1/4	1,742.09	1/4	1,387.49	1/4	1,041.37	1/4	694.27
1/2	3,843.43	1/2	3,517.39	1/2	3,161.01	1/2	2,804.17	1/2	2,447.06	1/2	2,089.96	1/2	1,734.81	1/2	1,380.06	1/2	1,034.31	1/2	686.84
3/4	3,839.48	3/4	3,509.96	3/4	3,153.59	3/4	2,796.73	3/4	2,439.62	3/4	2,082.53	3/4	1,727.53	3/4	1,372.62	3/4	1,027.25	3/4	679.40
7	3,834.78	7	3,502.54	7	3,146.16	7	2,789.29	7	2,432.18	7	2,075.10	7	1,720.25	7	1,365.19	7	1,020.20	7	672.10
1/4	3,830.09	1/4	3,495.12	1/4	3,138.74	1/4	2,781.85	1/4	2,424.74	1/4	2,067.66	1/4	1,712.97	1/4	1,357.76	1/4	1,013.14	1/4	664.80
1/2	3,825.39	1/2	3,487.69	1/2	3,131.32	1/2	2,774.41	1/2	2,417.30	1/2	2,060.23	1/2	1,705.69	1/2	1,350.32	1/2	1,006.08	1/2	657.50
3/4	3,820.70	3/4	3,480.27	3/4	3,123.89	3/4	2,766.97	3/4	2,409.86	3/4	2,052.80	3/4	1,698.41	3/4	1,342.89	3/4	999.02	3/4	650.21
8	3,815.27	8	3,472.84	8	3,116.47	8	2,759.53	8	2,402.42	8	2,045.37	8	1,691.12	8	1,335.45	8	991.96	8	643.07
1/4	3,809.84	1/4	3,465.42	1/4	3,109.04	1/4	2,752.09	1/4	2,394.98	1/4	2,037.94	1/4	1,683.84	1/4	1,328.02	1/4	984.90	1/4	635.93
1/2	3,804.41	1/2	3,457.99	1/2	3,101.62	1/2	2,744.65	1/2	2,387.54	1/2	2,030.50	1/2	1,676.56	1/2	1,320.59	1/2	977.84	1/2	628.79
3/4	3,798.97	3/4	3,450.57	3/4	3,094.19	3/4	2,737.21	3/4	2,380.10	3/4	2,023.07	3/4	1,669.28	3/4	1,313.15	3/4	970.78	3/4	621.65
9	3,792.80	9	3,443.14	9	3,086.77	9	2,729.77	9	2,372.66	9	2,015.64	9	1,662.00	9	1,305.72	9	963.72	9	614.52
1/4	3,786.62	1/4	3,435.72	1/4	3,079.34	1/4	2,722.33	1/4	2,365.22	1/4	2,008.21	1/4	1,654.72	1/4	1,298.29	1/4	956.66	1/4	607.40
1/2	3,780.45	1/2	3,428.30	1/2	3,071.92	1/2	2,714.89	1/2	2,357.78	1/2	2,000.77	1/2	1,647.44	1/2	1,290.85	1/2	949.60	1/2	600.28
3/4	3,774.27	3/4	3,420.87	3/4	3,064.49	3/4	2,707.45	3/4	2,350.34	3/4	1,993.34	3/4	1,640.16	3/4	1,283.42	3/4	942.54	3/4	593.16
10	3,767.35	10	3,413.45	10	3,057.07	10	2,700.01	10	2,342.90	10	1,985.91	10	1,632.74	10	1,275.98	10	935.48	10	586.04
1/4	3,760.43	1/4	3,406.02	1/4	3,049.65	1/4	2,692.57	1/4	2,335.46	1/4	1,978.48	1/4	1,625.33	1/4	1,268.55	1/4	928.42	1/4	578.92
1/2	3,753.51	1/2	3,398.60	1/2	3,042.22	1/2	2,685.13	1/2	2,328.02	1/2	1,971.05	1/2	1,617.92	1/2	1,261.12	1/2	921.36	1/2	571.80
3/4	3,746.59	3/4	3,391.17	3/4	3,034.80	3/4	2,677.69	3/4	2,320.58	3/4	1,963.61	3/4	1,610.50	3/4	1,253.68	3/4	914.30	3/4	564.68
11	3,739.25	11	3,383.75	11	3,027.36	11	2,670.25	11	2,313.14	11	1,956.18	11	1,603.07	11	1,246.55	11	907.24	11	557.56
1/4	3,731.91	1/4	3,376.32	1/4	3,019.92	1/4	2,662.81	1/4	2,305.70	1/4	1,948.75	1/4	1,595.63	1/4	1,239.42	1/4	900.18	1/4	550.43
1/2	3,724.57	1/2	3,368.90	1/2	3,012.49	1/2	2,655.37	1/2	2,298.26	1/2	1,941.32	1/2	1,588.20	1/2	1,232.29	1/2	893.12	1/2	543.31
3/4	3,717.23	3/4	3,361.47	3/4	3,005.05	3/4	2,647.93	3/4	2,290.82	3/4	1,933.89	3/4	1,580.77	3/4	1,225.16	3/4	886.06	3/4	536.19

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" ULLAGE HATCH.
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 50'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "MPC 710"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	529.07	0	173.31	0		0		0		0		0		0		0		0	
1/4	521.94	1/4	165.86	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	514.82	1/2	158.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	507.70	3/4	150.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	500.43	1	143.65	1		1		1		1		1		1		1		1	
1/4	493.17	1/4	136.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	485.91	1/2	129.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	478.64	3/4	121.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	471.22	2	114.56	2		2		2		2		2		2		2		2	
1/4	463.80	1/4	107.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	456.37	1/2	100.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	448.95	3/4	93.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	441.50	3	85.86	3		3		3		3		3		3		3		3	
1/4	434.06	1/4	78.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	426.62	1/2	71.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	419.17	3/4	64.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	411.72	4	57.50	4		4		4		4		4		4		4		4	
1/4	404.27	1/4	50.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	396.81	1/2	44.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	389.36	3/4	37.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	381.90	5	32.77	5		5		5		5		5		5		5		5	
1/4	374.45	1/4	27.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	366.99	1/2	22.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	359.54	3/4	18.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	352.09	6		6		6		6		6		6		6		6		6	
1/4	344.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	337.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	329.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	322.28	7		7		7		7		7		7		7		7		7	
1/4	314.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	307.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	299.94	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	292.49	8		8		8		8		8		8		8		8		8	
1/4	285.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	277.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	270.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	262.69	9		9		9		9		9		9		9		9		9	
1/4	255.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	247.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	240.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	232.90	10		10		10		10		10		10		10		10		10	
1/4	225.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	218.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	210.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	203.11	11		11		11		11		11		11		11		11		11	
1/4	195.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	188.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	180.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
RINTED: 11/21/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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



BARGE "MPC 710"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 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	3,721.51	0	3,365.69	0	3,009.24	0	2,652.13	0	2,295.02	0	1,938.51	0	1,585.34	0	1,228.11	0	872.08		
1/4		1/4	3,714.12	1/4	3,358.26	1/4	3,001.80	1/4	2,644.69	1/4	2,287.58	1/4	1,931.07	1/4	1,577.90	1/4	1,220.67	1/4	864.67		
1/2		1/2	3,706.74	1/2	3,350.84	1/2	2,994.36	1/2	2,637.25	1/2	2,280.14	1/2	1,923.63	1/2	1,570.45	1/2	1,213.22	1/2	857.25		
3/4		3/4	3,699.35	3/4	3,343.41	3/4	2,986.92	3/4	2,629.81	3/4	2,272.70	3/4	1,916.19	3/4	1,563.01	3/4	1,205.80	3/4	849.82		
1		1	3,691.96	1	3,335.99	1	2,979.48	1	2,622.37	1	2,265.26	1	1,908.75	1	1,555.57	1	1,198.37	1	842.38		
1/4		1/4	3,684.58	1/4	3,328.56	1/4	2,972.04	1/4	2,614.93	1/4	2,257.82	1/4	1,901.31	1/4	1,548.13	1/4	1,190.95	1/4	834.94		
1/2		1/2	3,677.19	1/2	3,321.14	1/2	2,964.60	1/2	2,607.49	1/2	2,250.38	1/2	1,893.87	1/2	1,540.69	1/2	1,183.52	1/2	827.50		
3/4		3/4	3,669.80	3/4	3,313.72	3/4	2,957.16	3/4	2,600.05	3/4	2,242.94	3/4	1,886.42	3/4	1,533.24	3/4	1,176.10	3/4	820.06		
2		2	3,662.42	2	3,306.29	2	2,949.72	2	2,592.61	2	2,235.50	2	1,878.98	2	1,525.80	2	1,168.67	2	812.62		
1/4		1/4	3,655.03	1/4	3,298.87	1/4	2,942.28	1/4	2,585.17	1/4	2,228.06	1/4	1,871.54	1/4	1,518.36	1/4	1,161.25	1/4	805.17		
1/2		1/2	3,647.64	1/2	3,291.44	1/2	2,934.84	1/2	2,577.73	1/2	2,220.62	1/2	1,864.10	1/2	1,510.92	1/2	1,153.83	1/2	797.73		
3/4		3/4	3,640.26	3/4	3,284.02	3/4	2,927.40	3/4	2,570.29	3/4	2,213.18	3/4	1,856.66	3/4	1,503.47	3/4	1,146.41	3/4	790.29		
3		3	3,632.87	3	3,276.59	3	2,919.96	3	2,562.85	3	2,205.74	3	1,849.22	3	1,496.03	3	1,138.99	3	782.85		
1/4		1/4	3,625.48	1/4	3,269.17	1/4	2,912.52	1/4	2,555.41	1/4	2,198.30	1/4	1,841.78	1/4	1,488.59	1/4	1,131.57	1/4	775.41		
1/2		1/2	3,618.10	1/2	3,261.75	1/2	2,905.08	1/2	2,547.97	1/2	2,190.86	1/2	1,834.34	1/2	1,481.15	1/2	1,124.16	1/2	767.97		
3/4		3/4	3,610.68	3/4	3,254.32	3/4	2,897.64	3/4	2,540.53	3/4	2,183.44	3/4	1,827.04	3/4	1,473.70	3/4	1,116.74	3/4	760.52		
4		4	3,603.26	4	3,246.90	4	2,890.20	4	2,533.09	4	2,176.02	4	1,819.75	4	1,466.26	4	1,109.32	4	753.08		
1/4		1/4	3,595.84	1/4	3,239.47	1/4	2,882.76	1/4	2,525.65	1/4	2,168.61	1/4	1,812.45	1/4	1,458.82	1/4	1,101.90	1/4	745.64		
1/2		1/2	3,588.42	1/2	3,232.05	1/2	2,875.32	1/2	2,518.21	1/2	2,161.19	1/2	1,805.16	1/2	1,451.38	1/2	1,094.49	1/2	738.20		
3/4		3/4	3,580.99	3/4	3,224.62	3/4	2,867.88	3/4	2,510.77	3/4	2,153.77	3/4	1,797.89	3/4	1,443.94	3/4	1,087.07	3/4	730.76		
5		5	3,573.57	5	3,217.20	5	2,860.44	5	2,503.33	5	2,146.36	5	1,790.61	5	1,436.49	5	1,079.66	5	723.31		
1/4		1/4	3,566.15	1/4	3,209.77	1/4	2,853.00	1/4	2,495.89	1/4	2,138.95	1/4	1,783.34	1/4	1,429.05	1/4	1,072.25	1/4	715.87		
1/2		1/2	3,558.72	1/2	3,202.35	1/2	2,845.56	1/2	2,488.45	1/2	2,131.53	1/2	1,776.06	1/2	1,421.61	1/2	1,064.83	1/2	708.43		
3/4		3/4	3,551.30	3/4	3,194.93	3/4	2,838.12	3/4	2,481.01	3/4	2,124.12	3/4	1,768.79	3/4	1,414.17	3/4	1,057.42	3/4	700.99		
6	3,866.42	6	3,543.87	6	3,187.50	6	2,830.68	6	2,473.57	6	2,116.70	6	1,761.51	6	1,406.72	6	1,050.01	6	693.55		
1/4		1/4	3,862.47	1/4	3,536.45	1/4	3,180.08	1/4	2,823.24	1/4	2,466.13	1/4	2,109.29	1/4	1,754.24	1/4	1,399.28	1/4	1,042.59	1/4	686.11
1/2		1/2	3,858.53	1/2	3,529.02	1/2	3,172.65	1/2	2,815.80	1/2	2,458.69	1/2	2,101.87	1/2	1,746.97	1/2	1,391.84	1/2	1,035.18	1/2	678.67
3/4		3/4	3,853.84	3/4	3,521.60	3/4	3,165.23	3/4	2,808.36	3/4	2,451.25	3/4	2,094.46	3/4	1,739.69	3/4	1,384.40	3/4	1,027.76	3/4	671.38
7	3,849.15	7	3,514.17	7	3,157.80	7	2,800.92	7	2,443.81	7	2,087.05	7	1,732.42	7	1,376.95	7	1,020.35	7	664.08		
1/4		1/4	3,844.46	1/4	3,506.75	1/4	3,150.38	1/4	2,793.48	1/4	2,436.37	1/4	2,079.63	1/4	1,725.14	1/4	1,369.51	1/4	1,012.94	1/4	656.78
1/2		1/2	3,839.77	1/2	3,499.33	1/2	3,142.95	1/2	2,786.04	1/2	2,428.93	1/2	2,072.22	1/2	1,717.87	1/2	1,362.07	1/2	1,005.52	1/2	649.48
3/4		3/4	3,834.34	3/4	3,491.90	3/4	3,135.53	3/4	2,778.60	3/4	2,421.49	3/4	2,064.80	3/4	1,710.59	3/4	1,354.63	3/4	998.11	3/4	642.34
8	3,828.90	8	3,484.48	8	3,128.11	8	2,771.16	8	2,414.05	8	2,057.39	8	1,703.32	8	1,347.19	8	990.70	8	635.19		
1/4		1/4	3,823.47	1/4	3,477.05	1/4	3,120.68	1/4	2,763.72	1/4	2,406.61	1/4	2,049.97	1/4	1,696.05	1/4	1,339.74	1/4	983.28	1/4	628.05
1/2		1/2	3,818.04	1/2	3,469.63	1/2	3,113.26	1/2	2,756.28	1/2	2,399.17	1/2	2,042.56	1/2	1,688.77	1/2	1,332.30	1/2	975.87	1/2	620.91
3/4		3/4	3,811.86	3/4	3,462.20	3/4	3,105.83	3/4	2,748.84	3/4	2,391.73	3/4	2,035.15	3/4	1,681.50	3/4	1,324.86	3/4	968.46	3/4	613.79
9	3,805.68	9	3,454.78	9	3,098.41	9	2,741.40	9	2,384.29	9	2,027.73	9	1,674.22	9	1,317.42	9	961.04	9	606.66		
1/4		1/4	3,799.50	1/4	3,447.36	1/4	3,090.98	1/4	2,733.96	1/4	2,376.85	1/4	2,020.32	1/4	1,666.95	1/4	1,309.97	1/4	953.63	1/4	599.54
1/2		1/2	3,793.32	1/2	3,439.93	1/2	3,083.56	1/2	2,726.52	1/2	2,369.41	1/2	2,012.90	1/2	1,659.67	1/2	1,302.53	1/2	946.22	1/2	592.42
3/4		3/4	3,786.40	3/4	3,432.51	3/4	3,076.14	3/4	2,719.08	3/4	2,361.97	3/4	2,005.47	3/4	1,652.25	3/4	1,295.09	3/4	938.80	3/4	585.30
10	3,779.48	10	3,425.08	10	3,068.71	10	2,711.64	10	2,354.53	10	1,998.03	10	1,644.83	10	1,287.65	10	931.39	10	578.17		
1/4		1/4	3,772.56	1/4	3,417.66	1/4	3,061.29	1/4	2,704.20	1/4	2,347.09	1/4	1,990.59	1/4	1,637.41	1/4	1,280.20	1/4	923.98	1/4	571.05
1/2		1/2	3,765.64	1/2	3,410.23	1/2	3,053.86	1/2	2,696.76	1/2	2,339.65	1/2	1,983.15	1/2	1,629.99	1/2	1,272.76	1/2	916.56	1/2	563.93
3/4		3/4	3,758.30	3/4	3,402.81	3/4	3,046.43	3/4	2,689.32	3/4	2,332.21	3/4	1,975.71	3/4	1,622.55	3/4	1,265.32	3/4	909.15	3/4	556.80
11	3,750.96	11	3,395.38	11	3,038.99	11	2,681.89	11	2,324.77	11	1,968.27	11	1,615.11	11	1,257.88	11	901.74	11	549.68		
1/4		1/4	3,743.62	1/4	3,387.96	1/4	3,031.55	1/4	2,674.45	1/4	2,317.33	1/4	1,960.83	1/4	1,607.67	1/4	1,250.44	1/4	894.32	1/4	542.56
1/2		1/2	3,736.28	1/2	3,380.54	1/2	3,024.12	1/2	2,667.01	1/2	2,309.90	1/2	1,953.39	1/2	1,600.22	1/2	1,242.99	1/2	886.91	1/2	535.44
3/4		3/4	3,728.90	3/4	3,373.11	3/4	3,016.68	3/4	2,659.57	3/4	2,302.46	3/4	1,945.95	3/4	1,592.78	3/4	1,235.55	3/4	879.49	3/4	528.31

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" ULLAGE HATCH.
 GAUGE POINT: (8" ULLAGE HATCH) LOCATED 12'-09" OFF CENTERLINE AND 50'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "MPC 710"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-05 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	521.19	0	165.57	0		0		0		0		0		0		0		0	
1/4	514.07	1/4	158.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	506.95	1/2	150.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	499.68	3/4	143.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	492.42	1	136.10	1		1		1		1		1		1		1		1	
1/4	485.16	1/4	128.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	477.90	1/2	121.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	470.47	3/4	114.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	463.05	2	107.22	2		2		2		2		2		2		2		2	
1/4	455.63	1/4	100.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	448.21	1/2	92.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440.77	3/4	85.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	433.32	3	78.48	3		3		3		3		3		3		3		3	
1/4	425.88	1/4	71.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	418.44	1/2	64.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	411.00	3/4	57.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	403.56	4	50.81	4		4		4		4		4		4		4		4	
1/4	396.11	1/4	44.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	388.67	1/2	37.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	381.23	3/4	32.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	373.79	5	27.83	5		5		5		5		5		5		5		5	
1/4	366.35	1/4	22.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	358.90	1/2	18.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	351.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	344.03	6		6		6		6		6		6		6		6		6	
1/4	336.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	329.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	321.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	314.28	7		7		7		7		7		7		7		7		7	
1/4	306.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	299.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	284.54	8		8		8		8		8		8		8		8		8	
1/4	277.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	269.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	262.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	254.80	9		9		9		9		9		9		9		9		9	
1/4	247.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	239.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	232.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	225.06	10		10		10		10		10		10		10		10		10	
1/4	217.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	210.19	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	202.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	195.31	11		11		11		11		11		11		11		11		11	
1/4	187.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	180.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	173.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "MPC 710"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 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	100	0	256	0	410	0		0		0		0		0		0	
1/4	1	1/4	103	1/4	259	1/4	412	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	106	1/2	262	1/2	415	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	109	3/4	266	3/4	418	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	112	1	269	1	421	1		1		1		1		1		1	
1/4	4	1/4	115	1/4	272	1/4	424	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	118	1/2	276	1/2	426	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	121	3/4	279	3/4	429	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	124	2	283	2	432	2		2		2		2		2		2	
1/4	9	1/4	127	1/4	286	1/4	434	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	130	1/2	289	1/2	437	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	134	3/4	293	3/4	440	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	137	3	296	3	442	3		3		3		3		3		3	
1/4	15	1/4	140	1/4	299	1/4	445	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	143	1/2	303	1/2	447	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	146	3/4	306	3/4	450	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	149	4	309	4	452	4		4		4		4		4		4	
1/4	22	1/4	153	1/4	313	1/4	455	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	156	1/2	316	1/2	457	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	159	3/4	319	3/4	459	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	162	5	322	5	462	5		5		5		5		5		5	
1/4	30	1/4	166	1/4	326	1/4	464	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	169	1/2	329	1/2	466	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	172	3/4	332	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	175	6	335	6	471	6		6		6		6		6		6	
1/4	39	1/4	179	1/4	339	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	182	1/2	342	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	185	3/4	345	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	188	7	348	7	479	7		7		7		7		7		7	
1/4	49	1/4	192	1/4	352	1/4	480	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	195	1/2	355	1/2	482	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	198	3/4	358	3/4	484	3/4		3/4		3/4		3/4		3/4		3/4	
8	56	8	202	8	361	8	486	8		8		8		8		8		8	
1/4	59	1/4	205	1/4	364	1/4	488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	208	1/2	367	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	212	3/4	371	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	215	9	374	9	492	9		9		9		9		9		9	
1/4	69	1/4	218	1/4	377	1/4	494	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	222	1/2	380	1/2	495	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	225	3/4	383	3/4	496	3/4		3/4		3/4		3/4		3/4		3/4	
10	77	10	229	10	386	10	497	10		10		10		10		10		10	
1/4	80	1/4	232	1/4	389	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83	1/2	235	1/2	392	1/2	499	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	86	3/4	239	3/4	395	3/4	500	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	242	11	398	11	501	11		11		11		11		11		11	
1/4	91	1/4	245	1/4	401	1/4	501	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	249	1/2	404	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97	3/4	252	3/4	407	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 2" DIAMETER PIPE.

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CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "MPC 710"

STBD FUEL TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-08"

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	1,294	0	3,048	0	4,892	0	6,566	0		0		0		0		0	
1/4	16	1/4	1,328	1/4	3,086	1/4	4,929	1/4	6,596	1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	1,362	1/2	3,125	1/2	4,967	1/2	6,627	1/2		1/2		1/2		1/2		1/2	
3/4	48	3/4	1,396	3/4	3,163	3/4	5,004	3/4	6,657	3/4		3/4		3/4		3/4		3/4	
1	64	1	1,430	1	3,202	1	5,042	1	6,688	1		1		1		1		1	
1/4	84	1/4	1,465	1/4	3,240	1/4	5,079	1/4	6,717	1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	1,499	1/2	3,279	1/2	5,116	1/2	6,746	1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	1,534	3/4	3,317	3/4	5,153	3/4	6,775	3/4		3/4		3/4		3/4		3/4	
2	144	2	1,568	2	3,356	2	5,190	2	6,805	2		2		2		2		2	
1/4	167	1/4	1,604	1/4	3,395	1/4	5,227	1/4	6,833	1/4		1/4		1/4		1/4		1/4	
1/2	189	1/2	1,639	1/2	3,433	1/2	5,264	1/2	6,861	1/2		1/2		1/2		1/2		1/2	
3/4	211	3/4	1,674	3/4	3,472	3/4	5,301	3/4	6,889	3/4		3/4		3/4		3/4		3/4	
3	234	3	1,709	3	3,510	3	5,338	3	6,917	3		3		3		3		3	
1/4	258	1/4	1,745	1/4	3,549	1/4	5,374	1/4	6,944	1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	1,781	1/2	3,588	1/2	5,410	1/2	6,971	1/2		1/2		1/2		1/2		1/2	
3/4	307	3/4	1,816	3/4	3,626	3/4	5,447	3/4	6,998	3/4		3/4		3/4		3/4		3/4	
4	332	4	1,852	4	3,665	4	5,483	4	7,024	4		4		4		4		4	
1/4	358	1/4	1,888	1/4	3,704	1/4	5,519	1/4	7,050	1/4		1/4		1/4		1/4		1/4	
1/2	384	1/2	1,924	1/2	3,742	1/2	5,555	1/2	7,075	1/2		1/2		1/2		1/2		1/2	
3/4	410	3/4	1,961	3/4	3,781	3/4	5,591	3/4	7,100	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,997	5	3,820	5	5,627	5	7,125	5		5		5		5		5	
1/4	463	1/4	2,033	1/4	3,858	1/4	5,662	1/4	7,149	1/4		1/4		1/4		1/4		1/4	
1/2	491	1/2	2,070	1/2	3,897	1/2	5,698	1/2	7,172	1/2		1/2		1/2		1/2		1/2	
3/4	518	3/4	2,107	3/4	3,936	3/4	5,733	3/4	7,196	3/4		3/4		3/4		3/4		3/4	
6	546	6	2,143	6	3,974	6	5,769	6	7,219	6		6		6		6		6	
1/4	575	1/4	2,180	1/4	4,013	1/4	5,804	1/4	7,241	1/4		1/4		1/4		1/4		1/4	
1/2	603	1/2	2,217	1/2	4,051	1/2	5,839	1/2	7,262	1/2		1/2		1/2		1/2		1/2	
3/4	632	3/4	2,254	3/4	4,090	3/4	5,874	3/4	7,283	3/4		3/4		3/4		3/4		3/4	
7	661	7	2,291	7	4,129	7	5,908	7	7,305	7		7		7		7		7	
1/4	691	1/4	2,329	1/4	4,167	1/4	5,943	1/4	7,323	1/4		1/4		1/4		1/4		1/4	
1/2	720	1/2	2,366	1/2	4,206	1/2	5,977	1/2	7,341	1/2		1/2		1/2		1/2		1/2	
3/4	750	3/4	2,403	3/4	4,244	3/4	6,011	3/4	7,360	3/4		3/4		3/4		3/4		3/4	
8	780	8	2,440	8	4,283	8	6,046	8	7,378	8		8		8		8		8	
1/4	811	1/4	2,478	1/4	4,321	1/4	6,079	1/4	7,393	1/4		1/4		1/4		1/4		1/4	
1/2	842	1/2	2,516	1/2	4,359	1/2	6,113	1/2	7,407	1/2		1/2		1/2		1/2		1/2	
3/4	873	3/4	2,553	3/4	4,398	3/4	6,147	3/4		3/4		3/4		3/4		3/4		3/4	
9	903	9	2,591	9	4,436	9	6,180	9		9		9		9		9		9	
1/4	935	1/4	2,629	1/4	4,474	1/4	6,213	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	967	1/2	2,667	1/2	4,512	1/2	6,246	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	999	3/4	2,705	3/4	4,551	3/4	6,279	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,030	10	2,742	10	4,589	10	6,312	10		10		10		10		10		10	
1/4	1,063	1/4	2,781	1/4	4,627	1/4	6,344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,096	1/2	2,819	1/2	4,665	1/2	6,377	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,128	3/4	2,857	3/4	4,703	3/4	6,409	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,161	11	2,895	11	4,741	11	6,441	11		11		11		11		11		11	
1/4	1,194	1/4	2,933	1/4	4,779	1/4	6,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,227	1/2	2,971	1/2	4,816	1/2	6,504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,261	3/4	3,010	3/4	4,854	3/4	6,535	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 WITH 10" ULLAGE HATCH.

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CANCELS AND SUPERCEDES
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BARGE "MPC 710"

PORT FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 5'-08"

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	1,294	0	3,048	0	4,892	0	6,566	0		0		0		0		0	
1/4	16	1/4	1,328	1/4	3,086	1/4	4,929	1/4	6,596	1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	1,362	1/2	3,125	1/2	4,967	1/2	6,627	1/2		1/2		1/2		1/2		1/2	
3/4	48	3/4	1,396	3/4	3,163	3/4	5,004	3/4	6,657	3/4		3/4		3/4		3/4		3/4	
1	64	1	1,430	1	3,202	1	5,042	1	6,688	1		1		1		1		1	
1/4	84	1/4	1,465	1/4	3,240	1/4	5,079	1/4	6,717	1/4		1/4		1/4		1/4		1/4	
1/2	104	1/2	1,499	1/2	3,279	1/2	5,116	1/2	6,746	1/2		1/2		1/2		1/2		1/2	
3/4	124	3/4	1,534	3/4	3,317	3/4	5,153	3/4	6,775	3/4		3/4		3/4		3/4		3/4	
2	144	2	1,568	2	3,356	2	5,190	2	6,805	2		2		2		2		2	
1/4	167	1/4	1,604	1/4	3,395	1/4	5,227	1/4	6,833	1/4		1/4		1/4		1/4		1/4	
1/2	189	1/2	1,639	1/2	3,433	1/2	5,264	1/2	6,861	1/2		1/2		1/2		1/2		1/2	
3/4	211	3/4	1,674	3/4	3,472	3/4	5,301	3/4	6,889	3/4		3/4		3/4		3/4		3/4	
3	234	3	1,709	3	3,510	3	5,338	3	6,917	3		3		3		3		3	
1/4	258	1/4	1,745	1/4	3,549	1/4	5,374	1/4	6,944	1/4		1/4		1/4		1/4		1/4	
1/2	283	1/2	1,781	1/2	3,588	1/2	5,410	1/2	6,971	1/2		1/2		1/2		1/2		1/2	
3/4	307	3/4	1,816	3/4	3,626	3/4	5,447	3/4	6,998	3/4		3/4		3/4		3/4		3/4	
4	332	4	1,852	4	3,665	4	5,483	4	7,024	4		4		4		4		4	
1/4	358	1/4	1,888	1/4	3,704	1/4	5,519	1/4	7,050	1/4		1/4		1/4		1/4		1/4	
1/2	384	1/2	1,924	1/2	3,742	1/2	5,555	1/2	7,075	1/2		1/2		1/2		1/2		1/2	
3/4	410	3/4	1,961	3/4	3,781	3/4	5,591	3/4	7,100	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,997	5	3,820	5	5,627	5	7,125	5		5		5		5		5	
1/4	463	1/4	2,033	1/4	3,858	1/4	5,662	1/4	7,149	1/4		1/4		1/4		1/4		1/4	
1/2	491	1/2	2,070	1/2	3,897	1/2	5,698	1/2	7,172	1/2		1/2		1/2		1/2		1/2	
3/4	518	3/4	2,107	3/4	3,936	3/4	5,733	3/4	7,196	3/4		3/4		3/4		3/4		3/4	
6	546	6	2,143	6	3,974	6	5,769	6	7,219	6		6		6		6		6	
1/4	575	1/4	2,180	1/4	4,013	1/4	5,804	1/4	7,241	1/4		1/4		1/4		1/4		1/4	
1/2	603	1/2	2,217	1/2	4,051	1/2	5,839	1/2	7,262	1/2		1/2		1/2		1/2		1/2	
3/4	632	3/4	2,254	3/4	4,090	3/4	5,874	3/4	7,283	3/4		3/4		3/4		3/4		3/4	
7	661	7	2,291	7	4,129	7	5,908	7	7,305	7		7		7		7		7	
1/4	691	1/4	2,329	1/4	4,167	1/4	5,943	1/4	7,323	1/4		1/4		1/4		1/4		1/4	
1/2	720	1/2	2,366	1/2	4,206	1/2	5,977	1/2	7,341	1/2		1/2		1/2		1/2		1/2	
3/4	750	3/4	2,403	3/4	4,244	3/4	6,011	3/4	7,360	3/4		3/4		3/4		3/4		3/4	
8	780	8	2,440	8	4,283	8	6,046	8	7,378	8		8		8		8		8	
1/4	811	1/4	2,478	1/4	4,321	1/4	6,079	1/4	7,393	1/4		1/4		1/4		1/4		1/4	
1/2	842	1/2	2,516	1/2	4,359	1/2	6,113	1/2	7,407	1/2		1/2		1/2		1/2		1/2	
3/4	873	3/4	2,553	3/4	4,398	3/4	6,147	3/4		3/4		3/4		3/4		3/4		3/4	
9	903	9	2,591	9	4,436	9	6,180	9		9		9		9		9		9	
1/4	935	1/4	2,629	1/4	4,474	1/4	6,213	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	967	1/2	2,667	1/2	4,512	1/2	6,246	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	999	3/4	2,705	3/4	4,551	3/4	6,279	3/4		3/4		3/4		3/4		3/4		3/4	
10	1,030	10	2,742	10	4,589	10	6,312	10		10		10		10		10		10	
1/4	1,063	1/4	2,781	1/4	4,627	1/4	6,344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,096	1/2	2,819	1/2	4,665	1/2	6,377	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,128	3/4	2,857	3/4	4,703	3/4	6,409	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,161	11	2,895	11	4,741	11	6,441	11		11		11		11		11		11	
1/4	1,194	1/4	2,933	1/4	4,779	1/4	6,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,227	1/2	2,971	1/2	4,816	1/2	6,504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,261	3/4	3,010	3/4	4,854	3/4	6,535	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 WITH 10" ULLAGE HATCH.

STRAPPED: 11/19/2015 CL
CALCULATED: 11/20/2015 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2015

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