



# BARGE "DBL 202"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

**EXAMPLE FOR ABOVE TRIM CORRECTIONS:**

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-7/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 1/8"

LENGTH BETWEEN DRAFT MARKS: 191'-00"

August 6, 2012

**PRECISION MEASUREMENT  
 & ANALYSIS, INC.**  
 P.O. Box 2092  
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# BARGE "DBL 202"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-01 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	13.16	0	321.60	0	631.87	0	948.88	0	1,265.89	0	1,582.81	0	1,899.89	0	2,212.41	0		0	
1/4	17.92	1/4	328.10	1/4	638.47	1/4	955.48	1/4	1,272.49	1/4	1,589.42	1/4	1,906.49	1/4	2,216.81	1/4		1/4	
1/2	22.69	1/2	334.60	1/2	645.08	1/2	962.09	1/2	1,279.10	1/2	1,596.02	1/2	1,913.10	1/2	2,221.22	1/2		1/2	
3/4	27.46	3/4	341.10	3/4	651.68	3/4	968.69	3/4	1,285.70	3/4	1,602.62	3/4	1,919.71	3/4	2,225.62	3/4		3/4	
1	32.23	1	347.60	1	658.28	1	975.30	1	1,292.31	1	1,609.23	1	1,926.31	1	2,230.03	1		1	
1/4	38.50	1/4	353.99	1/4	664.89	1/4	981.90	1/4	1,298.91	1/4	1,615.83	1/4	1,932.92	1/4	2,233.17	1/4		1/4	
1/2	44.76	1/2	360.38	1/2	671.49	1/2	988.50	1/2	1,305.52	1/2	1,622.44	1/2	1,939.52	1/2		1/2		1/2	
3/4	51.03	3/4	366.77	3/4	678.10	3/4	995.11	3/4	1,312.12	3/4	1,629.05	3/4	1,946.13	3/4		3/4		3/4	
2	57.30	2	373.17	2	684.70	2	1,001.71	2	1,318.72	2	1,635.65	2	1,952.74	2		2		2	
1/4	63.91	1/4	379.56	1/4	691.31	1/4	1,008.32	1/4	1,325.33	1/4	1,642.26	1/4	1,959.34	1/4		1/4		1/4	
1/2	70.52	1/2	385.95	1/2	697.91	1/2	1,014.92	1/2	1,331.93	1/2	1,648.86	1/2	1,965.95	1/2		1/2		1/2	
3/4	77.13	3/4	392.35	3/4	704.52	3/4	1,021.53	3/4	1,338.54	3/4	1,655.47	3/4	1,972.55	3/4		3/4		3/4	
3	83.73	3	398.74	3	711.12	3	1,028.13	3	1,345.14	3	1,662.08	3	1,979.16	3		3		3	
1/4	90.34	1/4	405.13	1/4	717.72	1/4	1,034.74	1/4	1,351.75	1/4	1,668.68	1/4	1,985.76	1/4		1/4		1/4	
1/2	96.95	1/2	411.52	1/2	724.33	1/2	1,041.34	1/2	1,358.35	1/2	1,675.29	1/2	1,992.37	1/2		1/2		1/2	
3/4	103.56	3/4	417.92	3/4	730.93	3/4	1,047.94	3/4	1,364.96	3/4	1,681.89	3/4	1,998.98	3/4		3/4		3/4	
4	110.16	4	424.31	4	737.54	4	1,054.55	4	1,371.56	4	1,688.50	4	2,005.58	4		4		4	
1/4	116.77	1/4	430.70	1/4	744.14	1/4	1,061.15	1/4	1,378.16	1/4	1,695.11	1/4	2,012.19	1/4		1/4		1/4	
1/2	123.38	1/2	437.09	1/2	750.75	1/2	1,067.76	1/2	1,384.77	1/2	1,701.71	1/2	2,018.79	1/2		1/2		1/2	
3/4	129.99	3/4	443.49	3/4	757.35	3/4	1,074.36	3/4	1,391.37	3/4	1,708.32	3/4	2,025.40	3/4		3/4		3/4	
5	136.59	5	449.88	5	763.96	5	1,080.97	5	1,397.97	5	1,714.92	5	2,032.01	5		5		5	
1/4	143.20	1/4	456.27	1/4	770.56	1/4	1,087.57	1/4	1,404.58	1/4	1,721.53	1/4	2,038.61	1/4		1/4		1/4	
1/2	149.81	1/2	462.67	1/2	777.16	1/2	1,094.18	1/2	1,411.18	1/2	1,728.13	1/2	2,045.22	1/2		1/2		1/2	
3/4	156.41	3/4	469.06	3/4	783.77	3/4	1,100.78	3/4	1,417.78	3/4	1,734.74	3/4	2,051.82	3/4		3/4		3/4	
6	163.02	6	475.45	6	790.37	6	1,107.38	6	1,424.38	6	1,741.35	6	2,058.43	6		6		6	
1/4	169.63	1/4	481.85	1/4	796.98	1/4	1,113.99	1/4	1,430.98	1/4	1,747.95	1/4	2,065.04	1/4		1/4		1/4	
1/2	176.24	1/2	488.24	1/2	803.58	1/2	1,120.59	1/2	1,437.58	1/2	1,754.56	1/2	2,071.64	1/2		1/2		1/2	
3/4	182.84	3/4	494.64	3/4	810.19	3/4	1,127.20	3/4	1,444.18	3/4	1,761.16	3/4	2,078.25	3/4		3/4		3/4	
7	189.45	7	501.03	7	816.79	7	1,133.80	7	1,450.79	7	1,767.77	7	2,084.85	7		7		7	
1/4	196.06	1/4	507.43	1/4	823.39	1/4	1,140.41	1/4	1,457.39	1/4	1,774.38	1/4	2,091.46	1/4		1/4		1/4	
1/2	202.67	1/2	513.82	1/2	830.00	1/2	1,147.01	1/2	1,463.99	1/2	1,780.98	1/2	2,098.07	1/2		1/2		1/2	
3/4	209.27	3/4	520.22	3/4	836.60	3/4	1,153.61	3/4	1,470.59	3/4	1,787.59	3/4	2,104.67	3/4		3/4		3/4	
8	215.88	8	526.61	8	843.21	8	1,160.22	8	1,477.19	8	1,794.19	8	2,111.28	8		8		8	
1/4	222.49	1/4	533.11	1/4	849.81	1/4	1,166.82	1/4	1,483.79	1/4	1,800.80	1/4	2,117.88	1/4		1/4		1/4	
1/2	229.10	1/2	539.61	1/2	856.42	1/2	1,173.43	1/2	1,490.39	1/2	1,807.41	1/2	2,124.49	1/2		1/2		1/2	
3/4	235.70	3/4	546.11	3/4	863.02	3/4	1,180.03	3/4	1,497.00	3/4	1,814.01	3/4	2,131.09	3/4		3/4		3/4	
9	242.31	9	552.61	9	869.63	9	1,186.64	9	1,503.60	9	1,820.62	9	2,137.70	9		9		9	
1/4	248.92	1/4	559.22	1/4	876.23	1/4	1,193.24	1/4	1,510.20	1/4	1,827.22	1/4	2,144.31	1/4		1/4		1/4	
1/2	255.53	1/2	565.82	1/2	882.83	1/2	1,199.85	1/2	1,516.80	1/2	1,833.83	1/2	2,150.91	1/2		1/2		1/2	
3/4	262.13	3/4	572.43	3/4	889.44	3/4	1,206.45	3/4	1,523.40	3/4	1,840.44	3/4	2,157.52	3/4		3/4		3/4	
10	268.74	10	579.03	10	896.04	10	1,213.05	10	1,530.00	10	1,847.04	10	2,164.12	10		10		10	
1/4	275.35	1/4	585.64	1/4	902.65	1/4	1,219.66	1/4	1,536.60	1/4	1,853.65	1/4	2,170.75	1/4		1/4		1/4	
1/2	281.96	1/2	592.24	1/2	909.25	1/2	1,226.26	1/2	1,543.21	1/2	1,860.25	1/2	2,176.98	1/2		1/2		1/2	
3/4	288.56	3/4	598.85	3/4	915.86	3/4	1,232.87	3/4	1,549.81	3/4	1,866.86	3/4	2,183.41	3/4		3/4		3/4	
11	295.17	11	605.45	11	922.46	11	1,239.47	11	1,556.41	11	1,873.46	11	2,189.84	11		11		11	
1/4	301.78	1/4	612.05	1/4	929.07	1/4	1,246.08	1/4	1,563.01	1/4	1,880.07	1/4	2,195.48	1/4		1/4		1/4	
1/2	308.38	1/2	618.66	1/2	935.67	1/2	1,252.68	1/2	1,569.61	1/2	1,886.68	1/2	2,201.12	1/2		1/2		1/2	
3/4	314.99	3/4	625.26	3/4	942.27	3/4	1,259.29	3/4	1,576.21	3/4	1,893.28	3/4	2,206.77	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

STRAPPED: 08/06/2012 CL - SW

CALCULATED: 08/06/2012 CL

PRINTED: 08/06/2012 SW

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2012



# BARGE "DBL 202"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-01 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	13.16	0	321.11	0	637.30	0	953.75	0	1,270.21	0	1,586.39	0	1,902.61	0	2,214.57	0		0	
1/4	17.92	1/4	327.70	1/4	643.89	1/4	960.35	1/4	1,276.80	1/4	1,592.98	1/4	1,909.20	1/4	2,218.96	1/4		1/4	
1/2	22.69	1/2	334.29	1/2	650.48	1/2	966.94	1/2	1,283.39	1/2	1,599.56	1/2	1,915.80	1/2	2,223.35	1/2		1/2	
3/4	27.46	3/4	340.88	3/4	657.08	3/4	973.53	3/4	1,289.99	3/4	1,606.15	3/4	1,922.39	3/4	2,227.74	3/4		3/4	
1	32.23	1	347.47	1	663.67	1	980.12	1	1,296.58	1	1,612.74	1	1,928.98	1	2,232.14	1		1	
1/4	38.49	1/4	354.05	1/4	670.26	1/4	986.72	1/4	1,303.17	1/4	1,619.34	1/4	1,935.58	1/4	2,235.27	1/4		1/4	
1/2	44.75	1/2	360.63	1/2	676.86	1/2	993.31	1/2	1,309.76	1/2	1,625.93	1/2	1,942.17	1/2		1/2		1/2	
3/4	51.02	3/4	367.22	3/4	683.45	3/4	999.90	3/4	1,316.36	3/4	1,632.53	3/4	1,948.77	3/4		3/4		3/4	
2	57.28	2	373.80	2	690.04	2	1,006.50	2	1,322.95	2	1,639.12	2	1,955.36	2		2		2	
1/4	63.88	1/4	380.38	1/4	696.63	1/4	1,013.09	1/4	1,329.54	1/4	1,645.71	1/4	1,961.96	1/4		1/4		1/4	
1/2	70.47	1/2	386.97	1/2	703.23	1/2	1,019.68	1/2	1,336.14	1/2	1,652.31	1/2	1,968.55	1/2		1/2		1/2	
3/4	77.07	3/4	393.55	3/4	709.82	3/4	1,026.27	3/4	1,342.73	3/4	1,658.90	3/4	1,975.14	3/4		3/4		3/4	
3	83.66	3	400.13	3	716.41	3	1,032.87	3	1,349.32	3	1,665.50	3	1,981.74	3		3		3	
1/4	90.26	1/4	406.72	1/4	723.01	1/4	1,039.46	1/4	1,355.91	1/4	1,672.09	1/4	1,988.33	1/4		1/4		1/4	
1/2	96.86	1/2	413.30	1/2	729.60	1/2	1,046.05	1/2	1,362.51	1/2	1,678.67	1/2	1,994.93	1/2		1/2		1/2	
3/4	103.45	3/4	419.88	3/4	736.19	3/4	1,052.65	3/4	1,369.10	3/4	1,685.26	3/4	2,001.52	3/4		3/4		3/4	
4	110.05	4	426.47	4	742.78	4	1,059.24	4	1,375.69	4	1,691.85	4	2,008.12	4		4		4	
1/4	116.64	1/4	433.05	1/4	749.38	1/4	1,065.83	1/4	1,382.28	1/4	1,698.43	1/4	2,014.71	1/4		1/4		1/4	
1/2	123.24	1/2	439.63	1/2	755.97	1/2	1,072.42	1/2	1,388.87	1/2	1,705.02	1/2	2,021.30	1/2		1/2		1/2	
3/4	129.83	3/4	446.22	3/4	762.56	3/4	1,079.02	3/4	1,395.46	3/4	1,711.60	3/4	2,027.90	3/4		3/4		3/4	
5	136.43	5	452.80	5	769.16	5	1,085.61	5	1,402.04	5	1,718.18	5	2,034.49	5		5		5	
1/4	143.03	1/4	459.39	1/4	775.75	1/4	1,092.20	1/4	1,408.63	1/4	1,724.76	1/4	2,041.09	1/4		1/4		1/4	
1/2	149.62	1/2	465.97	1/2	782.34	1/2	1,098.80	1/2	1,415.21	1/2	1,731.34	1/2	2,047.68	1/2		1/2		1/2	
3/4	156.22	3/4	472.55	3/4	788.93	3/4	1,105.39	3/4	1,421.79	3/4	1,737.93	3/4	2,054.28	3/4		3/4		3/4	
6	162.81	6	479.14	6	795.53	6	1,111.98	6	1,428.38	6	1,744.51	6	2,060.87	6		6		6	
1/4	169.41	1/4	485.72	1/4	802.12	1/4	1,118.57	1/4	1,434.96	1/4	1,751.09	1/4	2,067.46	1/4		1/4		1/4	
1/2	176.01	1/2	492.31	1/2	808.71	1/2	1,125.17	1/2	1,441.54	1/2	1,757.67	1/2	2,074.06	1/2		1/2		1/2	
3/4	182.60	3/4	498.90	3/4	815.30	3/4	1,131.76	3/4	1,448.13	3/4	1,764.26	3/4	2,080.65	3/4		3/4		3/4	
7	189.20	7	505.48	7	821.90	7	1,138.35	7	1,454.71	7	1,770.84	7	2,087.25	7		7		7	
1/4	195.79	1/4	512.07	1/4	828.49	1/4	1,144.94	1/4	1,461.30	1/4	1,777.42	1/4	2,093.84	1/4		1/4		1/4	
1/2	202.39	1/2	518.65	1/2	835.08	1/2	1,151.54	1/2	1,467.88	1/2	1,784.00	1/2	2,100.44	1/2		1/2		1/2	
3/4	208.98	3/4	525.24	3/4	841.68	3/4	1,158.13	3/4	1,474.46	3/4	1,790.59	3/4	2,107.03	3/4		3/4		3/4	
8	215.58	8	531.83	8	848.27	8	1,164.72	8	1,481.05	8	1,797.17	8	2,113.62	8		8		8	
1/4	222.18	1/4	538.42	1/4	854.86	1/4	1,171.32	1/4	1,487.63	1/4	1,803.75	1/4	2,120.22	1/4		1/4		1/4	
1/2	228.77	1/2	545.01	1/2	861.45	1/2	1,177.91	1/2	1,494.21	1/2	1,810.33	1/2	2,126.81	1/2		1/2		1/2	
3/4	235.37	3/4	551.60	3/4	868.05	3/4	1,184.50	3/4	1,500.80	3/4	1,816.92	3/4	2,133.41	3/4		3/4		3/4	
9	241.96	9	558.19	9	874.64	9	1,191.09	9	1,507.38	9	1,823.50	9	2,140.00	9		9		9	
1/4	248.56	1/4	564.78	1/4	881.23	1/4	1,197.69	1/4	1,513.97	1/4	1,830.09	1/4	2,146.60	1/4		1/4		1/4	
1/2	255.15	1/2	571.37	1/2	887.83	1/2	1,204.28	1/2	1,520.55	1/2	1,836.68	1/2	2,153.19	1/2		1/2		1/2	
3/4	261.75	3/4	577.96	3/4	894.42	3/4	1,210.87	3/4	1,527.13	3/4	1,843.26	3/4	2,159.78	3/4		3/4		3/4	
10	268.35	10	584.56	10	901.01	10	1,217.47	10	1,533.72	10	1,849.85	10	2,166.38	10		10		10	
1/4	274.94	1/4	591.15	1/4	907.60	1/4	1,224.06	1/4	1,540.30	1/4	1,856.45	1/4	2,172.80	1/4		1/4		1/4	
1/2	281.54	1/2	597.74	1/2	914.20	1/2	1,230.65	1/2	1,546.88	1/2	1,863.04	1/2	2,179.21	1/2		1/2		1/2	
3/4	288.13	3/4	604.34	3/4	920.79	3/4	1,237.24	3/4	1,553.47	3/4	1,869.64	3/4	2,185.63	3/4		3/4		3/4	
11	294.73	11	610.93	11	927.38	11	1,243.84	11	1,560.05	11	1,876.23	11	2,192.04	11		11		11	
1/4	301.32	1/4	617.52	1/4	933.98	1/4	1,250.43	1/4	1,566.64	1/4	1,882.82	1/4	2,197.68	1/4		1/4		1/4	
1/2	307.92	1/2	624.11	1/2	940.57	1/2	1,257.02	1/2	1,573.22	1/2	1,889.42	1/2	2,203.31	1/2		1/2		1/2	
3/4	314.51	3/4	630.71	3/4	947.16	3/4	1,263.62	3/4	1,579.80	3/4	1,896.01	3/4	2,208.94	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

STRAPPED: 08/06/2012 CL - SW

CALCULATED: 08/06/2012 CL

PRINTED: 08/06/2012 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2012



# BARGE "DBL 202"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-01 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	12.27	0	298.07	0	590.87	0	884.75	0	1,178.63	0	1,472.51	0	1,766.39	0	2,056.04	0		0	
1/4	16.69	1/4	304.18	1/4	596.99	1/4	890.87	1/4	1,184.75	1/4	1,478.63	1/4	1,772.51	1/4	2,060.12	1/4		1/4	
1/2	21.11	1/2	310.28	1/2	603.12	1/2	897.00	1/2	1,190.88	1/2	1,484.76	1/2	1,778.64	1/2	2,064.20	1/2		1/2	
3/4	25.53	3/4	316.38	3/4	609.24	3/4	903.12	3/4	1,197.00	3/4	1,490.88	3/4	1,784.76	3/4	2,068.29	3/4		3/4	
1	29.94	1	322.49	1	615.36	1	909.24	1	1,203.12	1	1,497.00	1	1,790.88	1	2,072.37	1		1	
1/4	35.75	1/4	328.58	1/4	621.48	1/4	915.36	1/4	1,209.24	1/4	1,503.12	1/4	1,797.00	1/4	2,075.28	1/4		1/4	
1/2	41.56	1/2	334.66	1/2	627.61	1/2	921.49	1/2	1,215.37	1/2	1,509.25	1/2	1,803.13	1/2		1/2		1/2	
3/4	47.37	3/4	340.75	3/4	633.73	3/4	927.61	3/4	1,221.49	3/4	1,515.37	3/4	1,809.25	3/4		3/4		3/4	
2	53.18	2	346.84	2	639.85	2	933.73	2	1,227.61	2	1,521.49	2	1,815.37	2		2		2	
1/4	59.30	1/4	352.93	1/4	645.97	1/4	939.85	1/4	1,233.73	1/4	1,527.61	1/4	1,821.49	1/4		1/4		1/4	
1/2	65.43	1/2	359.02	1/2	652.10	1/2	945.98	1/2	1,239.86	1/2	1,533.74	1/2	1,827.62	1/2		1/2		1/2	
3/4	71.55	3/4	365.10	3/4	658.22	3/4	952.10	3/4	1,245.98	3/4	1,539.86	3/4	1,833.74	3/4		3/4		3/4	
3	77.67	3	371.19	3	664.34	3	958.22	3	1,252.10	3	1,545.98	3	1,839.86	3		3		3	
1/4	83.79	1/4	377.28	1/4	670.46	1/4	964.34	1/4	1,258.22	1/4	1,552.10	1/4	1,845.98	1/4		1/4		1/4	
1/2	89.91	1/2	383.37	1/2	676.59	1/2	970.47	1/2	1,264.35	1/2	1,558.23	1/2	1,852.11	1/2		1/2		1/2	
3/4	96.04	3/4	389.46	3/4	682.71	3/4	976.59	3/4	1,270.47	3/4	1,564.35	3/4	1,858.23	3/4		3/4		3/4	
4	102.16	4	395.54	4	688.83	4	982.71	4	1,276.59	4	1,570.47	4	1,864.35	4		4		4	
1/4	108.28	1/4	401.63	1/4	694.95	1/4	988.83	1/4	1,282.71	1/4	1,576.59	1/4	1,870.47	1/4		1/4		1/4	
1/2	114.40	1/2	407.72	1/2	701.08	1/2	994.96	1/2	1,288.84	1/2	1,582.72	1/2	1,876.60	1/2		1/2		1/2	
3/4	120.53	3/4	413.81	3/4	707.20	3/4	1,001.08	3/4	1,294.96	3/4	1,588.84	3/4	1,882.72	3/4		3/4		3/4	
5	126.65	5	419.90	5	713.32	5	1,007.20	5	1,301.08	5	1,594.96	5	1,888.84	5		5		5	
1/4	132.77	1/4	425.99	1/4	719.44	1/4	1,013.33	1/4	1,307.20	1/4	1,601.08	1/4	1,894.96	1/4		1/4		1/4	
1/2	138.89	1/2	432.07	1/2	725.57	1/2	1,019.45	1/2	1,313.33	1/2	1,607.21	1/2	1,901.09	1/2		1/2		1/2	
3/4	145.02	3/4	438.16	3/4	731.69	3/4	1,025.57	3/4	1,319.45	3/4	1,613.33	3/4	1,907.21	3/4		3/4		3/4	
6	151.14	6	444.25	6	737.81	6	1,031.69	6	1,325.57	6	1,619.45	6	1,913.33	6		6		6	
1/4	157.26	1/4	450.34	1/4	743.93	1/4	1,037.82	1/4	1,331.69	1/4	1,625.57	1/4	1,919.45	1/4		1/4		1/4	
1/2	163.38	1/2	456.43	1/2	750.06	1/2	1,043.94	1/2	1,337.82	1/2	1,631.70	1/2	1,925.58	1/2		1/2		1/2	
3/4	169.50	3/4	462.52	3/4	756.18	3/4	1,050.06	3/4	1,343.94	3/4	1,637.82	3/4	1,931.70	3/4		3/4		3/4	
7	175.63	7	468.61	7	762.30	7	1,056.18	7	1,350.06	7	1,643.94	7	1,937.82	7		7		7	
1/4	181.75	1/4	474.70	1/4	768.42	1/4	1,062.31	1/4	1,356.18	1/4	1,650.06	1/4	1,943.94	1/4		1/4		1/4	
1/2	187.87	1/2	480.79	1/2	774.55	1/2	1,068.43	1/2	1,362.31	1/2	1,656.19	1/2	1,950.07	1/2		1/2		1/2	
3/4	193.99	3/4	486.88	3/4	780.67	3/4	1,074.55	3/4	1,368.43	3/4	1,662.31	3/4	1,956.19	3/4		3/4		3/4	
8	200.12	8	492.98	8	786.79	8	1,080.67	8	1,374.55	8	1,668.43	8	1,962.31	8		8		8	
1/4	206.24	1/4	499.08	1/4	792.91	1/4	1,086.80	1/4	1,380.67	1/4	1,674.55	1/4	1,968.43	1/4		1/4		1/4	
1/2	212.36	1/2	505.19	1/2	799.04	1/2	1,092.92	1/2	1,386.80	1/2	1,680.68	1/2	1,974.56	1/2		1/2		1/2	
3/4	218.48	3/4	511.30	3/4	805.16	3/4	1,099.04	3/4	1,392.92	3/4	1,686.80	3/4	1,980.68	3/4		3/4		3/4	
9	224.61	9	517.40	9	811.28	9	1,105.16	9	1,399.04	9	1,692.92	9	1,986.80	9		9		9	
1/4	230.73	1/4	523.53	1/4	817.40	1/4	1,111.28	1/4	1,405.16	1/4	1,699.04	1/4	1,992.92	1/4		1/4		1/4	
1/2	236.85	1/2	529.65	1/2	823.53	1/2	1,117.41	1/2	1,411.29	1/2	1,705.17	1/2	1,999.05	1/2		1/2		1/2	
3/4	242.97	3/4	535.77	3/4	829.65	3/4	1,123.53	3/4	1,417.41	3/4	1,711.29	3/4	2,005.17	3/4		3/4		3/4	
10	249.09	10	541.89	10	835.77	10	1,129.65	10	1,423.53	10	1,717.41	10	2,011.29	10		10		10	
1/4	255.22	1/4	548.02	1/4	841.89	1/4	1,135.77	1/4	1,429.65	1/4	1,723.53	1/4	2,017.25	1/4		1/4		1/4	
1/2	261.34	1/2	554.14	1/2	848.02	1/2	1,141.90	1/2	1,435.78	1/2	1,729.66	1/2	2,023.21	1/2		1/2		1/2	
3/4	267.46	3/4	560.26	3/4	854.14	3/4	1,148.02	3/4	1,441.90	3/4	1,735.78	3/4	2,029.16	3/4		3/4		3/4	
11	273.58	11	566.38	11	860.26	11	1,154.14	11	1,448.02	11	1,741.90	11	2,035.12	11		11		11	
1/4	279.71	1/4	572.51	1/4	866.38	1/4	1,160.26	1/4	1,454.14	1/4	1,748.02	1/4	2,040.35	1/4		1/4		1/4	
1/2	285.83	1/2	578.63	1/2	872.51	1/2	1,166.39	1/2	1,460.27	1/2	1,754.15	1/2	2,045.58	1/2		1/2		1/2	
3/4	291.95	3/4	584.75	3/4	878.63	3/4	1,172.51	3/4	1,466.39	3/4	1,760.27	3/4	2,050.81	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2012



# BARGE "DBL 202"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-00 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	12.27	0	298.07	0	591.63	0	885.51	0	1,179.39	0	1,473.27	0	1,767.15	0	2,056.80	0		0	
1/4	16.69	1/4	304.19	1/4	597.75	1/4	891.63	1/4	1,185.51	1/4	1,479.39	1/4	1,773.27	1/4	2,060.88	1/4		1/4	
1/2	21.11	1/2	310.30	1/2	603.88	1/2	897.76	1/2	1,191.64	1/2	1,485.52	1/2	1,779.40	1/2	2,064.96	1/2		1/2	
3/4	25.53	3/4	316.42	3/4	610.00	3/4	903.88	3/4	1,197.76	3/4	1,491.64	3/4	1,785.52	3/4	2,069.05	3/4		3/4	
1	29.94	1	322.54	1	616.12	1	910.00	1	1,203.88	1	1,497.76	1	1,791.64	1	2,073.13	1		1	
1/4	35.75	1/4	328.65	1/4	622.24	1/4	916.12	1/4	1,210.00	1/4	1,503.88	1/4	1,797.76	1/4	2,076.04	1/4		1/4	
1/2	41.56	1/2	334.76	1/2	628.37	1/2	922.25	1/2	1,216.13	1/2	1,510.01	1/2	1,803.89	1/2		1/2		1/2	
3/4	47.37	3/4	340.87	3/4	634.49	3/4	928.37	3/4	1,222.25	3/4	1,516.13	3/4	1,810.01	3/4		3/4		3/4	
2	53.18	2	346.98	2	640.61	2	934.49	2	1,228.37	2	1,522.25	2	1,816.13	2		2		2	
1/4	59.30	1/4	353.10	1/4	646.73	1/4	940.61	1/4	1,234.49	1/4	1,528.37	1/4	1,822.25	1/4		1/4		1/4	
1/2	65.43	1/2	359.21	1/2	652.86	1/2	946.74	1/2	1,240.62	1/2	1,534.50	1/2	1,828.38	1/2		1/2		1/2	
3/4	71.55	3/4	365.32	3/4	658.98	3/4	952.86	3/4	1,246.74	3/4	1,540.62	3/4	1,834.50	3/4		3/4		3/4	
3	77.67	3	371.43	3	665.10	3	958.98	3	1,252.86	3	1,546.74	3	1,840.62	3		3		3	
1/4	83.79	1/4	377.54	1/4	671.22	1/4	965.10	1/4	1,258.98	1/4	1,552.86	1/4	1,846.74	1/4		1/4		1/4	
1/2	89.91	1/2	383.65	1/2	677.35	1/2	971.23	1/2	1,265.11	1/2	1,558.99	1/2	1,852.87	1/2		1/2		1/2	
3/4	96.04	3/4	389.77	3/4	683.47	3/4	977.35	3/4	1,271.23	3/4	1,565.11	3/4	1,858.99	3/4		3/4		3/4	
4	102.16	4	395.88	4	689.59	4	983.47	4	1,277.35	4	1,571.23	4	1,865.11	4		4		4	
1/4	108.28	1/4	401.99	1/4	695.71	1/4	989.59	1/4	1,283.47	1/4	1,577.35	1/4	1,871.23	1/4		1/4		1/4	
1/2	114.40	1/2	408.10	1/2	701.84	1/2	995.72	1/2	1,289.60	1/2	1,583.48	1/2	1,877.36	1/2		1/2		1/2	
3/4	120.53	3/4	414.21	3/4	707.96	3/4	1,001.84	3/4	1,295.72	3/4	1,589.60	3/4	1,883.48	3/4		3/4		3/4	
5	126.65	5	420.32	5	714.08	5	1,007.96	5	1,301.84	5	1,595.72	5	1,889.60	5		5		5	
1/4	132.77	1/4	426.44	1/4	720.20	1/4	1,014.08	1/4	1,307.96	1/4	1,601.84	1/4	1,895.72	1/4		1/4		1/4	
1/2	138.89	1/2	432.55	1/2	726.33	1/2	1,020.21	1/2	1,314.09	1/2	1,607.97	1/2	1,901.85	1/2		1/2		1/2	
3/4	145.02	3/4	438.66	3/4	732.45	3/4	1,026.33	3/4	1,320.21	3/4	1,614.09	3/4	1,907.97	3/4		3/4		3/4	
6	151.14	6	444.77	6	738.57	6	1,032.45	6	1,326.33	6	1,620.21	6	1,914.09	6		6		6	
1/4	157.26	1/4	450.89	1/4	744.69	1/4	1,038.57	1/4	1,332.45	1/4	1,626.33	1/4	1,920.21	1/4		1/4		1/4	
1/2	163.38	1/2	457.00	1/2	750.82	1/2	1,044.70	1/2	1,338.58	1/2	1,632.46	1/2	1,926.34	1/2		1/2		1/2	
3/4	169.50	3/4	463.12	3/4	756.94	3/4	1,050.82	3/4	1,344.70	3/4	1,638.58	3/4	1,932.46	3/4		3/4		3/4	
7	175.63	7	469.23	7	763.06	7	1,056.94	7	1,350.82	7	1,644.70	7	1,938.58	7		7		7	
1/4	181.75	1/4	475.34	1/4	769.18	1/4	1,063.06	1/4	1,356.94	1/4	1,650.82	1/4	1,944.70	1/4		1/4		1/4	
1/2	187.87	1/2	481.46	1/2	775.31	1/2	1,069.19	1/2	1,363.07	1/2	1,656.95	1/2	1,950.83	1/2		1/2		1/2	
3/4	193.99	3/4	487.57	3/4	781.43	3/4	1,075.31	3/4	1,369.19	3/4	1,663.07	3/4	1,956.95	3/4		3/4		3/4	
8	200.12	8	493.69	8	787.55	8	1,081.43	8	1,375.31	8	1,669.19	8	1,963.07	8		8		8	
1/4	206.24	1/4	499.81	1/4	793.67	1/4	1,087.55	1/4	1,381.43	1/4	1,675.31	1/4	1,969.19	1/4		1/4		1/4	
1/2	212.36	1/2	505.92	1/2	799.80	1/2	1,093.68	1/2	1,387.56	1/2	1,681.44	1/2	1,975.32	1/2		1/2		1/2	
3/4	218.48	3/4	512.04	3/4	805.92	3/4	1,099.80	3/4	1,393.68	3/4	1,687.56	3/4	1,981.44	3/4		3/4		3/4	
9	224.61	9	518.16	9	812.04	9	1,105.92	9	1,399.80	9	1,693.68	9	1,987.56	9		9		9	
1/4	230.73	1/4	524.28	1/4	818.16	1/4	1,112.04	1/4	1,405.92	1/4	1,699.80	1/4	1,993.68	1/4		1/4		1/4	
1/2	236.85	1/2	530.41	1/2	824.29	1/2	1,118.17	1/2	1,412.05	1/2	1,705.93	1/2	1,999.81	1/2		1/2		1/2	
3/4	242.97	3/4	536.53	3/4	830.41	3/4	1,124.29	3/4	1,418.17	3/4	1,712.05	3/4	2,005.93	3/4		3/4		3/4	
10	249.09	10	542.65	10	836.53	10	1,130.41	10	1,424.29	10	1,718.17	10	2,012.05	10		10		10	
1/4	255.22	1/4	548.77	1/4	842.65	1/4	1,136.53	1/4	1,430.41	1/4	1,724.29	1/4	2,018.01	1/4		1/4		1/4	
1/2	261.34	1/2	554.90	1/2	848.78	1/2	1,142.66	1/2	1,436.54	1/2	1,730.42	1/2	2,023.97	1/2		1/2		1/2	
3/4	267.46	3/4	561.02	3/4	854.90	3/4	1,148.78	3/4	1,442.66	3/4	1,736.54	3/4	2,029.92	3/4		3/4		3/4	
11	273.58	11	567.14	11	861.02	11	1,154.90	11	1,448.78	11	1,742.66	11	2,035.88	11		11		11	
1/4	279.71	1/4	573.26	1/4	867.14	1/4	1,161.02	1/4	1,454.90	1/4	1,748.78	1/4	2,041.11	1/4		1/4		1/4	
1/2	285.83	1/2	579.39	1/2	873.27	1/2	1,167.15	1/2	1,461.03	1/2	1,754.91	1/2	2,046.34	1/2		1/2		1/2	
3/4	291.95	3/4	585.51	3/4	879.39	3/4	1,173.27	3/4	1,467.15	3/4	1,761.03	3/4	2,051.57	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

STRAPPED: 08/06/2012 CL - SW

CALCULATED: 08/06/2012 CL

PRINTED: 08/06/2012 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2012



# BARGE "DBL 202"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-01 1/2"

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
1/4		1/4	2,233.17	1/4	1,932.92	1/4	1,615.83	1/4	1,298.91	1/4	981.90	1/4	664.89	1/4	353.99	1/4	44.76	1/4	
1/2		1/2	2,230.03	1/2	1,926.31	1/2	1,609.23	1/2	1,292.31	1/2	975.30	1/2	658.28	1/2	347.60	1/2	32.23	1/2	
3/4		3/4	2,225.62	3/4	1,919.71	3/4	1,602.62	3/4	1,285.70	3/4	968.69	3/4	651.68	3/4	341.10	3/4	27.46	3/4	
1	1	1	2,221.22	1	1,913.10	1	1,596.02	1	1,279.10	1	962.09	1	645.08	1	334.60	1	22.69	1	
1/4		1/4	2,216.81	1/4	1,906.49	1/4	1,589.42	1/4	1,272.49	1/4	955.48	1/4	638.47	1/4	328.10	1/4	17.92	1/4	
1/2		1/2	2,212.41	1/2	1,899.89	1/2	1,582.81	1/2	1,265.89	1/2	948.88	1/2	631.87	1/2	321.60	1/2	13.16	1/2	
3/4		3/4	2,206.77	3/4	1,893.28	3/4	1,576.21	3/4	1,259.29	3/4	942.27	3/4	625.26	3/4	314.99	3/4		3/4	
2	2	2	2,201.12	2	1,886.68	2	1,569.61	2	1,252.68	2	935.67	2	618.66	2	308.38	2		2	
1/4		1/4	2,195.48	1/4	1,880.07	1/4	1,563.01	1/4	1,246.08	1/4	929.07	1/4	612.05	1/4	301.78	1/4		1/4	
1/2		1/2	2,189.84	1/2	1,873.46	1/2	1,556.41	1/2	1,239.47	1/2	922.46	1/2	605.45	1/2	295.17	1/2		1/2	
3/4		3/4	2,183.41	3/4	1,866.86	3/4	1,549.81	3/4	1,232.87	3/4	915.86	3/4	598.84	3/4	288.56	3/4		3/4	
3	3	3	2,176.98	3	1,860.25	3	1,543.21	3	1,226.26	3	909.25	3	592.24	3	281.96	3		3	
1/4		1/4	2,170.55	1/4	1,853.65	1/4	1,536.60	1/4	1,219.66	1/4	902.65	1/4	585.64	1/4	275.35	1/4		1/4	
1/2		1/2	2,164.12	1/2	1,847.04	1/2	1,530.00	1/2	1,213.05	1/2	896.04	1/2	579.03	1/2	268.74	1/2		1/2	
3/4		3/4	2,157.52	3/4	1,840.44	3/4	1,523.40	3/4	1,206.45	3/4	889.44	3/4	572.43	3/4	262.13	3/4		3/4	
4	4	4	2,150.91	4	1,833.83	4	1,516.80	4	1,199.85	4	882.83	4	565.82	4	255.53	4		4	
1/4		1/4	2,144.31	1/4	1,827.22	1/4	1,510.20	1/4	1,193.24	1/4	876.23	1/4	559.22	1/4	248.92	1/4		1/4	
1/2		1/2	2,137.70	1/2	1,820.62	1/2	1,503.60	1/2	1,186.64	1/2	869.63	1/2	552.61	1/2	242.31	1/2		1/2	
3/4		3/4	2,131.09	3/4	1,814.01	3/4	1,497.00	3/4	1,180.03	3/4	863.02	3/4	546.11	3/4	235.70	3/4		3/4	
5	5	5	2,124.49	5	1,807.41	5	1,490.39	5	1,173.43	5	856.42	5	539.61	5	229.10	5		5	
1/4		1/4	2,117.88	1/4	1,800.80	1/4	1,483.79	1/4	1,166.82	1/4	849.81	1/4	533.11	1/4	222.49	1/4		1/4	
1/2		1/2	2,111.28	1/2	1,794.19	1/2	1,477.19	1/2	1,160.22	1/2	843.21	1/2	526.61	1/2	215.88	1/2		1/2	
3/4		3/4	2,104.67	3/4	1,787.59	3/4	1,470.59	3/4	1,153.61	3/4	836.60	3/4	520.22	3/4	209.27	3/4		3/4	
6	6	6	2,098.07	6	1,780.98	6	1,463.99	6	1,147.01	6	830.00	6	513.82	6	202.67	6		6	
1/4		1/4	2,091.46	1/4	1,774.38	1/4	1,457.39	1/4	1,140.41	1/4	823.39	1/4	507.43	1/4	196.06	1/4		1/4	
1/2		1/2	2,084.85	1/2	1,767.77	1/2	1,450.79	1/2	1,133.80	1/2	816.79	1/2	501.03	1/2	189.45	1/2		1/2	
3/4		3/4	2,078.25	3/4	1,761.16	3/4	1,444.18	3/4	1,127.20	3/4	810.19	3/4	494.64	3/4	182.84	3/4		3/4	
7	7	7	2,071.64	7	1,754.56	7	1,437.58	7	1,120.59	7	803.58	7	488.24	7	176.24	7		7	
1/4		1/4	2,065.04	1/4	1,747.95	1/4	1,430.98	1/4	1,113.99	1/4	796.98	1/4	481.85	1/4	169.63	1/4		1/4	
1/2		1/2	2,058.43	1/2	1,741.35	1/2	1,424.38	1/2	1,107.38	1/2	790.37	1/2	475.45	1/2	163.02	1/2		1/2	
3/4		3/4	2,051.82	3/4	1,734.74	3/4	1,417.78	3/4	1,100.78	3/4	783.77	3/4	469.06	3/4	156.41	3/4		3/4	
8	8	8	2,045.22	8	1,728.13	8	1,411.18	8	1,094.18	8	777.16	8	462.67	8	149.81	8		8	
1/4		1/4	2,038.61	1/4	1,721.53	1/4	1,404.58	1/4	1,087.57	1/4	770.56	1/4	456.27	1/4	143.20	1/4		1/4	
1/2		1/2	2,032.01	1/2	1,714.92	1/2	1,397.97	1/2	1,080.97	1/2	763.95	1/2	449.88	1/2	136.59	1/2		1/2	
3/4		3/4	2,025.40	3/4	1,708.32	3/4	1,391.37	3/4	1,074.36	3/4	757.35	3/4	443.49	3/4	129.99	3/4		3/4	
9	9	9	2,018.79	9	1,701.71	9	1,384.77	9	1,067.76	9	750.75	9	437.09	9	123.38	9		9	
1/4		1/4	2,012.19	1/4	1,695.11	1/4	1,378.16	1/4	1,061.15	1/4	744.14	1/4	430.70	1/4	116.77	1/4		1/4	
1/2		1/2	2,005.58	1/2	1,688.50	1/2	1,371.56	1/2	1,054.55	1/2	737.54	1/2	424.31	1/2	110.16	1/2		1/2	
3/4		3/4	1,998.98	3/4	1,681.89	3/4	1,364.96	3/4	1,047.94	3/4	730.93	3/4	417.92	3/4	103.56	3/4		3/4	
10	10	10	1,992.37	10	1,675.29	10	1,358.35	10	1,041.34	10	724.33	10	411.52	10	96.95	10		10	
1/4		1/4	1,985.76	1/4	1,668.68	1/4	1,351.75	1/4	1,034.74	1/4	717.72	1/4	405.13	1/4	90.34	1/4		1/4	
1/2		1/2	1,979.16	1/2	1,662.08	1/2	1,345.14	1/2	1,028.13	1/2	711.12	1/2	398.74	1/2	83.73	1/2		1/2	
3/4		3/4	1,972.55	3/4	1,655.47	3/4	1,338.54	3/4	1,021.53	3/4	704.52	3/4	392.35	3/4	77.13	3/4		3/4	
11	11	11	1,965.95	11	1,648.86	11	1,331.93	11	1,014.92	11	697.91	11	385.95	11	70.52	11		11	
1/4		1/4	1,959.34	1/4	1,642.26	1/4	1,325.33	1/4	1,008.32	1/4	691.31	1/4	379.56	1/4	63.91	1/4		1/4	
1/2		1/2	1,952.74	1/2	1,635.65	1/2	1,318.72	1/2	1,001.71	1/2	684.70	1/2	373.17	1/2	57.30	1/2		1/2	
3/4		3/4	1,946.13	3/4	1,629.05	3/4	1,312.12	3/4	995.11	3/4	678.10	3/4	366.77	3/4	51.03	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.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/06/2012 CL - SW  
 CALCULATED: 08/06/2012 CL  
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CANCELS AND SUPERCEDES  
 ALL PRIOR TO 08/2012



# BARGE "DBL 202"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-01 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	1,942.17	0	1,625.93	0	1,309.76	0	993.31	0	676.86	0	360.63	0	44.75	0	
1/4		1/4	2,235.27	1/4	1,935.58	1/4	1,619.34	1/4	1,303.17	1/4	986.72	1/4	670.26	1/4	354.05	1/4	38.49	1/4	
1/2		1/2	2,232.14	1/2	1,928.98	1/2	1,612.74	1/2	1,296.58	1/2	980.12	1/2	663.67	1/2	347.47	1/2	32.23	1/2	
3/4		3/4	2,227.74	3/4	1,922.39	3/4	1,606.15	3/4	1,289.99	3/4	973.53	3/4	657.08	3/4	340.88	3/4	27.46	3/4	
1		1	2,223.35	1	1,915.80	1	1,599.56	1	1,283.39	1	966.94	1	650.48	1	334.29	1	22.69	1	
1/4		1/4	2,218.96	1/4	1,909.20	1/4	1,592.98	1/4	1,276.80	1/4	960.35	1/4	643.89	1/4	327.70	1/4	17.92	1/4	
1/2		1/2	2,214.57	1/2	1,902.61	1/2	1,586.39	1/2	1,270.21	1/2	953.75	1/2	637.30	1/2	321.11	1/2	13.16	1/2	
3/4		3/4	2,208.94	3/4	1,896.01	3/4	1,579.80	3/4	1,263.62	3/4	947.16	3/4	630.71	3/4	314.51	3/4		3/4	
2		2	2,203.31	2	1,889.42	2	1,573.22	2	1,257.02	2	940.57	2	624.11	2	307.92	2		2	
1/4		1/4	2,197.68	1/4	1,882.82	1/4	1,566.64	1/4	1,250.43	1/4	933.98	1/4	617.52	1/4	301.32	1/4		1/4	
1/2		1/2	2,192.05	1/2	1,876.23	1/2	1,560.05	1/2	1,243.84	1/2	927.38	1/2	610.93	1/2	294.73	1/2		1/2	
3/4		3/4	2,185.63	3/4	1,869.64	3/4	1,553.47	3/4	1,237.24	3/4	920.79	3/4	604.34	3/4	288.13	3/4		3/4	
3		3	2,179.21	3	1,863.04	3	1,546.88	3	1,230.65	3	914.20	3	597.74	3	281.54	3		3	
1/4		1/4	2,172.80	1/4	1,856.45	1/4	1,540.30	1/4	1,224.06	1/4	907.60	1/4	591.15	1/4	274.94	1/4		1/4	
1/2		1/2	2,166.38	1/2	1,849.85	1/2	1,533.72	1/2	1,217.47	1/2	901.01	1/2	584.56	1/2	268.35	1/2		1/2	
3/4		3/4	2,159.78	3/4	1,843.26	3/4	1,527.13	3/4	1,210.87	3/4	894.42	3/4	577.96	3/4	261.75	3/4		3/4	
4		4	2,153.19	4	1,836.68	4	1,520.55	4	1,204.28	4	887.83	4	571.37	4	255.15	4		4	
1/4		1/4	2,146.60	1/4	1,830.09	1/4	1,513.97	1/4	1,197.69	1/4	881.23	1/4	564.78	1/4	248.56	1/4		1/4	
1/2		1/2	2,140.00	1/2	1,823.50	1/2	1,507.38	1/2	1,191.09	1/2	874.64	1/2	558.19	1/2	241.96	1/2		1/2	
3/4		3/4	2,133.41	3/4	1,816.92	3/4	1,500.80	3/4	1,184.50	3/4	868.05	3/4	551.60	3/4	235.37	3/4		3/4	
5		5	2,126.81	5	1,810.33	5	1,494.21	5	1,177.91	5	861.45	5	545.01	5	228.77	5		5	
1/4		1/4	2,120.22	1/4	1,803.75	1/4	1,487.63	1/4	1,171.32	1/4	854.86	1/4	538.42	1/4	222.18	1/4		1/4	
1/2		1/2	2,113.62	1/2	1,797.17	1/2	1,481.05	1/2	1,164.72	1/2	848.27	1/2	531.83	1/2	215.58	1/2		1/2	
3/4		3/4	2,107.03	3/4	1,790.59	3/4	1,474.46	3/4	1,158.13	3/4	841.68	3/4	525.24	3/4	208.98	3/4		3/4	
6		6	2,100.44	6	1,784.00	6	1,467.88	6	1,151.54	6	835.08	6	518.65	6	202.39	6		6	
1/4		1/4	2,093.84	1/4	1,777.42	1/4	1,461.30	1/4	1,144.94	1/4	828.49	1/4	512.07	1/4	195.79	1/4		1/4	
1/2		1/2	2,087.25	1/2	1,770.84	1/2	1,454.71	1/2	1,138.35	1/2	821.90	1/2	505.48	1/2	189.20	1/2		1/2	
3/4		3/4	2,080.65	3/4	1,764.26	3/4	1,448.13	3/4	1,131.76	3/4	815.30	3/4	498.90	3/4	182.60	3/4		3/4	
7		7	2,074.06	7	1,757.67	7	1,441.54	7	1,125.17	7	808.71	7	492.31	7	176.01	7		7	
1/4		1/4	2,067.46	1/4	1,751.09	1/4	1,434.96	1/4	1,118.57	1/4	802.12	1/4	485.72	1/4	169.41	1/4		1/4	
1/2		1/2	2,060.87	1/2	1,744.51	1/2	1,428.38	1/2	1,111.98	1/2	795.53	1/2	479.14	1/2	162.81	1/2		1/2	
3/4		3/4	2,054.28	3/4	1,737.93	3/4	1,421.79	3/4	1,105.39	3/4	788.93	3/4	472.55	3/4	156.22	3/4		3/4	
8		8	2,047.68	8	1,731.35	8	1,415.21	8	1,098.80	8	782.34	8	465.97	8	149.62	8		8	
1/4		1/4	2,041.09	1/4	1,724.76	1/4	1,408.63	1/4	1,092.20	1/4	775.75	1/4	459.39	1/4	143.03	1/4		1/4	
1/2		1/2	2,034.49	1/2	1,718.18	1/2	1,402.04	1/2	1,085.61	1/2	769.16	1/2	452.80	1/2	136.43	1/2		1/2	
3/4		3/4	2,027.90	3/4	1,711.60	3/4	1,395.46	3/4	1,079.02	3/4	762.56	3/4	446.22	3/4	129.83	3/4		3/4	
9		9	2,021.30	9	1,705.02	9	1,388.87	9	1,072.42	9	755.97	9	439.63	9	123.24	9		9	
1/4		1/4	2,014.71	1/4	1,698.43	1/4	1,382.28	1/4	1,065.83	1/4	749.38	1/4	433.05	1/4	116.64	1/4		1/4	
1/2		1/2	2,008.12	1/2	1,691.85	1/2	1,375.69	1/2	1,059.24	1/2	742.78	1/2	426.47	1/2	110.05	1/2		1/2	
3/4		3/4	2,001.52	3/4	1,685.26	3/4	1,369.10	3/4	1,052.65	3/4	736.19	3/4	419.88	3/4	103.45	3/4		3/4	
10		10	1,994.93	10	1,678.67	10	1,362.51	10	1,046.05	10	729.60	10	413.30	10	96.86	10		10	
1/4		1/4	1,988.33	1/4	1,672.09	1/4	1,355.91	1/4	1,039.46	1/4	723.01	1/4	406.72	1/4	90.26	1/4		1/4	
1/2		1/2	1,981.74	1/2	1,665.50	1/2	1,349.32	1/2	1,032.87	1/2	716.41	1/2	400.13	1/2	83.66	1/2		1/2	
3/4		3/4	1,975.14	3/4	1,658.90	3/4	1,342.73	3/4	1,026.27	3/4	709.82	3/4	393.55	3/4	77.07	3/4		3/4	
11		11	1,968.55	11	1,652.31	11	1,336.14	11	1,019.68	11	703.23	11	386.97	11	70.47	11		11	
1/4		1/4	1,961.96	1/4	1,645.71	1/4	1,329.54	1/4	1,013.09	1/4	696.63	1/4	380.38	1/4	63.88	1/4		1/4	
1/2		1/2	1,955.36	1/2	1,639.12	1/2	1,322.95	1/2	1,006.50	1/2	690.04	1/2	373.80	1/2	57.28	1/2		1/2	
3/4		3/4	1,948.77	3/4	1,632.53	3/4	1,316.36	3/4	999.90	3/4	683.45	3/4	367.22	3/4	51.02	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.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.  
 STRAPPED: 08/06/2012 CL - SW  
 CALCULATED: 08/06/2012 CL  
 PRINTED: 08/06/2012 SW  
 PRECISION MEASUREMENT & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>  
 CANCELS AND SUPERCEDES ALL PRIOR TO 08/2012



# BARGE "DBL 202"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-01 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	1,803.13	0	1,509.25	0	1,215.37	0	921.49	0	627.61	0	334.66	0	41.56	0		0	
1/4	1/4	2,075.28	1,797.01	1/4	1,503.13	1/4	1,209.25	1/4	915.37	1/4	621.49	1/4	328.58	1/4	35.75	1/4		1/4	
1/2	1/2	2,072.37	1,790.88	1/2	1,497.00	1/2	1,203.12	1/2	909.24	1/2	615.36	1/2	322.49	1/2	29.94	1/2		1/2	
3/4	3/4	2,068.29	1,784.76	3/4	1,490.88	3/4	1,197.00	3/4	903.12	3/4	609.24	3/4	316.38	3/4	25.53	3/4		3/4	
1	1	2,064.20	1,778.64	1	1,484.76	1	1,190.88	1	897.00	1	603.12	1	310.28	1	21.11	1		1	
1/4	1/4	2,060.12	1,772.52	1/4	1,478.64	1/4	1,184.76	1/4	890.88	1/4	597.00	1/4	304.18	1/4	16.69	1/4		1/4	
1/2	1/2	2,056.04	1,766.39	1/2	1,472.51	1/2	1,178.63	1/2	884.75	1/2	590.87	1/2	298.07	1/2	12.27	1/2		1/2	
3/4	3/4	2,050.81	1,760.27	3/4	1,466.39	3/4	1,172.51	3/4	878.63	3/4	584.75	3/4	291.95	3/4		3/4		3/4	
2	2	2,045.58	1,754.15	2	1,460.27	2	1,166.39	2	872.51	2	578.63	2	285.83	2		2		2	
1/4	1/4	2,040.35	1,748.03	1/4	1,454.15	1/4	1,160.27	1/4	866.39	1/4	572.51	1/4	279.71	1/4		1/4		1/4	
1/2	1/2	2,035.12	1,741.90	1/2	1,448.02	1/2	1,154.14	1/2	860.26	1/2	566.38	1/2	273.58	1/2		1/2		1/2	
3/4	3/4	2,029.16	1,735.78	3/4	1,441.90	3/4	1,148.02	3/4	854.14	3/4	560.26	3/4	267.46	3/4		3/4		3/4	
3	3	2,023.21	1,729.66	3	1,435.78	3	1,141.90	3	848.02	3	554.14	3	261.34	3		3		3	
1/4	1/4	2,017.25	1,723.54	1/4	1,429.66	1/4	1,135.78	1/4	841.90	1/4	548.02	1/4	255.22	1/4		1/4		1/4	
1/2	1/2	2,011.29	1,717.41	1/2	1,423.53	1/2	1,129.65	1/2	835.77	1/2	541.89	1/2	249.09	1/2		1/2		1/2	
3/4	3/4	2,005.17	1,711.29	3/4	1,417.41	3/4	1,123.53	3/4	829.65	3/4	535.77	3/4	242.97	3/4		3/4		3/4	
4	4	1,999.05	1,705.17	4	1,411.29	4	1,117.41	4	823.53	4	529.65	4	236.85	4		4		4	
1/4	1/4	1,992.93	1,699.05	1/4	1,405.17	1/4	1,111.29	1/4	817.41	1/4	523.53	1/4	230.73	1/4		1/4		1/4	
1/2	1/2	1,986.80	1,692.92	1/2	1,399.04	1/2	1,105.16	1/2	811.28	1/2	517.40	1/2	224.61	1/2		1/2		1/2	
3/4	3/4	1,980.68	1,686.80	3/4	1,392.92	3/4	1,099.04	3/4	805.16	3/4	511.30	3/4	218.48	3/4		3/4		3/4	
5	5	1,974.56	1,680.68	5	1,386.80	5	1,092.92	5	799.04	5	505.19	5	212.36	5		5		5	
1/4	1/4	1,968.44	1,674.56	1/4	1,380.68	1/4	1,086.80	1/4	792.92	1/4	499.08	1/4	206.24	1/4		1/4		1/4	
1/2	1/2	1,962.31	1,668.43	1/2	1,374.55	1/2	1,080.67	1/2	786.79	1/2	492.98	1/2	200.12	1/2		1/2		1/2	
3/4	3/4	1,956.19	1,662.31	3/4	1,368.43	3/4	1,074.55	3/4	780.67	3/4	486.88	3/4	193.99	3/4		3/4		3/4	
6	6	1,950.07	1,656.19	6	1,362.31	6	1,068.43	6	774.55	6	480.79	6	187.87	6		6		6	
1/4	1/4	1,943.95	1,650.07	1/4	1,356.19	1/4	1,062.31	1/4	768.43	1/4	474.70	1/4	181.75	1/4		1/4		1/4	
1/2	1/2	1,937.82	1,643.94	1/2	1,350.06	1/2	1,056.18	1/2	762.30	1/2	468.61	1/2	175.63	1/2		1/2		1/2	
3/4	3/4	1,931.70	1,637.82	3/4	1,343.94	3/4	1,050.06	3/4	756.18	3/4	462.52	3/4	169.50	3/4		3/4		3/4	
7	7	1,925.58	1,631.70	7	1,337.82	7	1,043.94	7	750.06	7	456.43	7	163.38	7		7		7	
1/4	1/4	1,919.46	1,625.58	1/4	1,331.70	1/4	1,037.82	1/4	743.94	1/4	450.34	1/4	157.26	1/4		1/4		1/4	
1/2	1/2	1,913.33	1,619.45	1/2	1,325.57	1/2	1,031.69	1/2	737.81	1/2	444.25	1/2	151.14	1/2		1/2		1/2	
3/4	3/4	1,907.21	1,613.33	3/4	1,319.45	3/4	1,025.57	3/4	731.69	3/4	438.16	3/4	145.02	3/4		3/4		3/4	
8	8	1,901.09	1,607.21	8	1,313.33	8	1,019.45	8	725.57	8	432.07	8	138.89	8		8		8	
1/4	1/4	1,894.97	1,601.09	1/4	1,307.21	1/4	1,013.33	1/4	719.45	1/4	425.99	1/4	132.77	1/4		1/4		1/4	
1/2	1/2	1,888.84	1,594.96	1/2	1,301.08	1/2	1,007.20	1/2	713.32	1/2	419.90	1/2	126.65	1/2		1/2		1/2	
3/4	3/4	1,882.72	1,588.84	3/4	1,294.96	3/4	1,001.08	3/4	707.20	3/4	413.81	3/4	120.53	3/4		3/4		3/4	
9	9	1,876.60	1,582.72	9	1,288.84	9	994.96	9	701.08	9	407.72	9	114.40	9		9		9	
1/4	1/4	1,870.48	1,576.60	1/4	1,282.72	1/4	988.84	1/4	694.96	1/4	401.63	1/4	108.28	1/4		1/4		1/4	
1/2	1/2	1,864.35	1,570.47	1/2	1,276.59	1/2	982.71	1/2	688.83	1/2	395.54	1/2	102.16	1/2		1/2		1/2	
3/4	3/4	1,858.23	1,564.35	3/4	1,270.47	3/4	976.59	3/4	682.71	3/4	389.46	3/4	96.04	3/4		3/4		3/4	
10	10	1,852.11	1,558.23	10	1,264.35	10	970.47	10	676.59	10	383.37	10	89.91	10		10		10	
1/4	1/4	1,845.99	1,552.11	1/4	1,258.23	1/4	964.35	1/4	670.47	1/4	377.28	1/4	83.79	1/4		1/4		1/4	
1/2	1/2	1,839.86	1,545.98	1/2	1,252.10	1/2	958.22	1/2	664.34	1/2	371.19	1/2	77.67	1/2		1/2		1/2	
3/4	3/4	1,833.74	1,539.86	3/4	1,245.98	3/4	952.10	3/4	658.22	3/4	365.10	3/4	71.55	3/4		3/4		3/4	
11	11	1,827.62	1,533.74	11	1,239.86	11	945.98	11	652.10	11	359.02	11	65.43	11		11		11	
1/4	1/4	1,821.50	1,527.62	1/4	1,233.74	1/4	939.86	1/4	645.98	1/4	352.93	1/4	59.30	1/4		1/4		1/4	
1/2	1/2	1,815.37	1,521.49	1/2	1,227.61	1/2	933.73	1/2	639.85	1/2	346.84	1/2	53.18	1/2		1/2		1/2	
3/4	3/4	1,809.25	1,515.37	3/4	1,221.49	3/4	927.61	3/4	633.73	3/4	340.75	3/4	47.37	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.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

STRAPPED: 08/06/2012 CL - SW

CALCULATED: 08/06/2012 CL  
 PRINTED: 08/06/2012 SW

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 08/2012



# BARGE "DBL 202"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-00 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		2,069.05		1,785.52		1,491.64		1,197.76		903.88		610.00		316.42		25.53		0
1/4	1/4	1/4	2,064.96	1/4	1,779.40	1/4	1,485.52	1/4	1,191.64	1/4	897.76	1/4	603.88	1/4	310.30	1/4	21.11	1/4	
1/2	1/2	1/2	2,060.88	1/2	1,773.27	1/2	1,479.39	1/2	1,185.51	1/2	891.63	1/2	597.75	1/2	304.19	1/2	16.69	1/2	
3/4	3/4	3/4	2,056.80	3/4	1,767.15	3/4	1,473.27	3/4	1,179.39	3/4	885.51	3/4	591.63	3/4	298.07	3/4	12.27	3/4	
<b>1</b>	<b>1</b>	<b>1</b>	<b>2,051.57</b>	<b>1</b>	<b>1,761.03</b>	<b>1</b>	<b>1,467.15</b>	<b>1</b>	<b>1,173.27</b>	<b>1</b>	<b>879.39</b>	<b>1</b>	<b>585.51</b>	<b>1</b>	<b>291.95</b>	<b>1</b>		<b>1</b>	
1/4	1/4	1/4	2,046.34	1/4	1,754.91	1/4	1,461.03	1/4	1,167.15	1/4	873.27	1/4	579.39	1/4	285.83	1/4		1/4	
1/2	1/2	1/2	2,041.11	1/2	1,748.78	1/2	1,454.90	1/2	1,161.02	1/2	867.14	1/2	573.26	1/2	279.71	1/2		1/2	
3/4	3/4	3/4	2,035.88	3/4	1,742.66	3/4	1,448.78	3/4	1,154.90	3/4	861.02	3/4	567.14	3/4	273.58	3/4		3/4	
<b>2</b>	<b>2</b>	<b>2</b>	<b>2,029.92</b>	<b>2</b>	<b>1,736.54</b>	<b>2</b>	<b>1,442.66</b>	<b>2</b>	<b>1,148.78</b>	<b>2</b>	<b>854.90</b>	<b>2</b>	<b>561.02</b>	<b>2</b>	<b>267.46</b>	<b>2</b>		<b>2</b>	
1/4	1/4	1/4	2,023.97	1/4	1,730.42	1/4	1,436.54	1/4	1,142.66	1/4	848.78	1/4	554.90	1/4	261.34	1/4		1/4	
1/2	1/2	1/2	2,018.01	1/2	1,724.29	1/2	1,430.41	1/2	1,136.53	1/2	842.65	1/2	548.77	1/2	255.22	1/2		1/2	
3/4	3/4	3/4	2,012.05	3/4	1,718.17	3/4	1,424.29	3/4	1,130.41	3/4	836.53	3/4	542.65	3/4	249.09	3/4		3/4	
<b>3</b>	<b>3</b>	<b>3</b>	<b>2,005.93</b>	<b>3</b>	<b>1,712.05</b>	<b>3</b>	<b>1,418.17</b>	<b>3</b>	<b>1,124.29</b>	<b>3</b>	<b>830.41</b>	<b>3</b>	<b>536.53</b>	<b>3</b>	<b>242.97</b>	<b>3</b>		<b>3</b>	
1/4	1/4	1/4	1,999.81	1/4	1,705.93	1/4	1,412.05	1/4	1,118.17	1/4	824.29	1/4	530.41	1/4	236.85	1/4		1/4	
1/2	1/2	1/2	1,993.68	1/2	1,699.80	1/2	1,405.92	1/2	1,112.04	1/2	818.16	1/2	524.28	1/2	230.73	1/2		1/2	
3/4	3/4	3/4	1,987.56	3/4	1,693.68	3/4	1,399.80	3/4	1,105.92	3/4	812.04	3/4	518.16	3/4	224.61	3/4		3/4	
<b>4</b>	<b>4</b>	<b>4</b>	<b>1,981.44</b>	<b>4</b>	<b>1,687.56</b>	<b>4</b>	<b>1,393.68</b>	<b>4</b>	<b>1,099.80</b>	<b>4</b>	<b>805.92</b>	<b>4</b>	<b>512.04</b>	<b>4</b>	<b>218.48</b>	<b>4</b>		<b>4</b>	
1/4	1/4	1/4	1,975.32	1/4	1,681.44	1/4	1,387.56	1/4	1,093.68	1/4	799.80	1/4	505.92	1/4	212.36	1/4		1/4	
1/2	1/2	1/2	1,969.19	1/2	1,675.31	1/2	1,381.43	1/2	1,087.55	1/2	793.67	1/2	499.81	1/2	206.24	1/2		1/2	
3/4	3/4	3/4	1,963.07	3/4	1,669.19	3/4	1,375.31	3/4	1,081.43	3/4	787.55	3/4	493.69	3/4	200.12	3/4		3/4	
<b>5</b>	<b>5</b>	<b>5</b>	<b>1,956.95</b>	<b>5</b>	<b>1,663.07</b>	<b>5</b>	<b>1,369.19</b>	<b>5</b>	<b>1,075.31</b>	<b>5</b>	<b>781.43</b>	<b>5</b>	<b>487.57</b>	<b>5</b>	<b>193.99</b>	<b>5</b>		<b>5</b>	
1/4	1/4	1/4	1,950.83	1/4	1,656.95	1/4	1,363.07	1/4	1,069.19	1/4	775.31	1/4	481.46	1/4	187.87	1/4		1/4	
1/2	1/2	1/2	1,944.70	1/2	1,650.82	1/2	1,356.94	1/2	1,063.06	1/2	769.18	1/2	475.34	1/2	181.75	1/2		1/2	
3/4	3/4	3/4	1,938.58	3/4	1,644.70	3/4	1,350.82	3/4	1,056.94	3/4	763.06	3/4	469.23	3/4	175.63	3/4		3/4	
<b>6</b>	<b>6</b>	<b>6</b>	<b>1,932.46</b>	<b>6</b>	<b>1,638.58</b>	<b>6</b>	<b>1,344.70</b>	<b>6</b>	<b>1,050.82</b>	<b>6</b>	<b>756.94</b>	<b>6</b>	<b>463.12</b>	<b>6</b>	<b>169.50</b>	<b>6</b>		<b>6</b>	
1/4	1/4	1/4	1,926.34	1/4	1,632.46	1/4	1,338.58	1/4	1,044.70	1/4	750.82	1/4	457.00	1/4	163.38	1/4		1/4	
1/2	1/2	1/2	1,920.21	1/2	1,626.33	1/2	1,332.45	1/2	1,038.57	1/2	744.69	1/2	450.89	1/2	157.26	1/2		1/2	
3/4	3/4	3/4	1,914.09	3/4	1,620.21	3/4	1,326.33	3/4	1,032.45	3/4	738.57	3/4	444.77	3/4	151.14	3/4		3/4	
<b>7</b>	<b>7</b>	<b>7</b>	<b>1,907.97</b>	<b>7</b>	<b>1,614.09</b>	<b>7</b>	<b>1,320.21</b>	<b>7</b>	<b>1,026.33</b>	<b>7</b>	<b>732.45</b>	<b>7</b>	<b>438.66</b>	<b>7</b>	<b>145.02</b>	<b>7</b>		<b>7</b>	
1/4	1/4	1/4	1,901.85	1/4	1,607.97	1/4	1,314.09	1/4	1,020.21	1/4	726.33	1/4	432.55	1/4	138.89	1/4		1/4	
1/2	1/2	1/2	1,895.72	1/2	1,601.84	1/2	1,307.96	1/2	1,014.08	1/2	720.20	1/2	426.44	1/2	132.77	1/2		1/2	
3/4	3/4	3/4	1,889.60	3/4	1,595.72	3/4	1,301.84	3/4	1,007.96	3/4	714.08	3/4	420.32	3/4	126.65	3/4		3/4	
<b>8</b>	<b>8</b>	<b>8</b>	<b>1,883.48</b>	<b>8</b>	<b>1,589.60</b>	<b>8</b>	<b>1,295.72</b>	<b>8</b>	<b>1,001.84</b>	<b>8</b>	<b>707.96</b>	<b>8</b>	<b>414.21</b>	<b>8</b>	<b>120.53</b>	<b>8</b>		<b>8</b>	
1/4	1/4	1/4	1,877.36	1/4	1,583.48	1/4	1,289.60	1/4	995.72	1/4	701.84	1/4	408.10	1/4	114.40	1/4		1/4	
1/2	1/2	1/2	1,871.23	1/2	1,577.35	1/2	1,283.47	1/2	989.59	1/2	695.71	1/2	401.99	1/2	108.28	1/2		1/2	
3/4	3/4	3/4	1,865.11	3/4	1,571.23	3/4	1,277.35	3/4	983.47	3/4	689.59	3/4	395.88	3/4	102.16	3/4		3/4	
<b>9</b>	<b>9</b>	<b>9</b>	<b>1,858.99</b>	<b>9</b>	<b>1,565.11</b>	<b>9</b>	<b>1,271.23</b>	<b>9</b>	<b>977.35</b>	<b>9</b>	<b>683.47</b>	<b>9</b>	<b>389.77</b>	<b>9</b>	<b>96.04</b>	<b>9</b>		<b>9</b>	
1/4	1/4	1/4	1,852.87	1/4	1,558.99	1/4	1,265.11	1/4	971.23	1/4	677.35	1/4	383.65	1/4	89.91	1/4		1/4	
1/2	1/2	1/2	1,846.74	1/2	1,552.86	1/2	1,258.98	1/2	965.10	1/2	671.22	1/2	377.54	1/2	83.79	1/2		1/2	
3/4	3/4	3/4	1,840.62	3/4	1,546.74	3/4	1,252.86	3/4	958.98	3/4	665.10	3/4	371.43	3/4	77.67	3/4		3/4	
<b>10</b>	<b>10</b>	<b>10</b>	<b>1,834.50</b>	<b>10</b>	<b>1,540.62</b>	<b>10</b>	<b>1,246.74</b>	<b>10</b>	<b>952.86</b>	<b>10</b>	<b>658.98</b>	<b>10</b>	<b>365.32</b>	<b>10</b>	<b>71.55</b>	<b>10</b>		<b>10</b>	
1/4	1/4	1/4	1,828.38	1/4	1,534.50	1/4	1,240.62	1/4	946.74	1/4	652.86	1/4	359.21	1/4	65.43	1/4		1/4	
1/2	1/2	1/2	1,822.25	1/2	1,528.37	1/2	1,234.49	1/2	940.61	1/2	646.73	1/2	353.10	1/2	59.30	1/2		1/2	
3/4	3/4	3/4	1,816.13	3/4	1,522.25	3/4	1,228.37	3/4	934.49	3/4	640.61	3/4	346.98	3/4	53.18	3/4		3/4	
<b>11</b>	<b>11</b>	<b>11</b>	<b>1,810.01</b>	<b>11</b>	<b>1,516.13</b>	<b>11</b>	<b>1,222.25</b>	<b>11</b>	<b>928.37</b>	<b>11</b>	<b>634.49</b>	<b>11</b>	<b>340.87</b>	<b>11</b>	<b>47.37</b>	<b>11</b>		<b>11</b>	
1/4	1/4	1/4	1,803.89	1/4	1,510.01	1/4	1,216.13	1/4	922.25	1/4	628.37	1/4	334.76	1/4	41.56	1/4		1/4	
1/2	1/2	1/2	2,076.04	1/2	1,797.76	1/2	1,503.88	1/2	1,210.00	1/2	916.12	1/2	328.65	1/2	35.75	1/2		1/2	
3/4	3/4	3/4	2,073.13	3/4	1,791.64	3/4	1,497.76	3/4	1,203.88	3/4	910.00	3/4	322.54	3/4	29.94	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.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/06/2012 CL - SW  
 CALCULATED: 08/06/2012 CL  
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PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2012