



BARGE "DBL 202"

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	- 00-1/4	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 ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 7/8"

LENGTH BETWEEN DRAFT MARKS: 191'-00"

August 6, 2012

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

<http://www.pmacorp.net>



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
 PRINTED: 08/06/2012 SW

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	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	44.75	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	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	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	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	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	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	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	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	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	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	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	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.

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

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2012

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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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	1,772.52	1,478.64	1,503.13	1,209.25	915.37	621.49	328.58	304.18	1/4	35.75	1/4		1/4		1/4	
1/2	1/2	2,072.37	1,790.88	1,766.39	1,472.51	1,497.00	1,203.12	909.24	615.36	322.49	298.07	1/2	29.94	1/2		1/2		1/2	
3/4	3/4	2,068.29	1,784.76	1,760.27	1,466.39	1,490.88	1,197.00	903.12	609.24	316.38	291.95	3/4	25.53	3/4		3/4		3/4	
1	1	2,064.20	1,778.64	1,754.15	1,460.27	1,484.76	1,190.88	897.00	603.12	310.28	285.83	1	21.11	1		1		1	
1/4	1/4	2,060.12	1,772.52	1,748.03	1,454.15	1,478.64	1,184.76	890.88	597.00	304.18	279.71	1/4	16.69	1/4		1/4		1/4	
1/2	1/2	2,056.04	1,766.39	1,741.90	1,448.02	1,472.51	1,178.63	884.75	590.87	298.07	273.58	1/2	12.27	1/2		1/2		1/2	
3/4	3/4	2,050.81	1,760.27	1,737.8	1,441.90	1,466.39	1,172.51	878.63	584.75	291.95	267.46	3/4		3/4		3/4		3/4	
2	2	2,045.58	1,754.15	1,723.54	1,429.66	1,460.27	1,166.39	872.51	578.63	285.83	261.34	2		2		2		2	
1/4	1/4	2,040.35	1,748.03	1,717.29	1,417.41	1,454.15	1,160.27	866.39	572.51	279.71	255.22	1/4		1/4		1/4		1/4	
1/2	1/2	2,035.12	1,741.90	1,711.29	1,411.29	1,448.02	1,154.14	860.26	566.38	273.58	249.09	1/2		1/2		1/2		1/2	
3/4	3/4	2,029.16	1,735.78	1,705.17	1,405.17	1,441.90	1,148.02	854.14	560.26	267.46	242.97	3/4		3/4		3/4		3/4	
3	3	2,023.21	1,729.66	1,699.05	1,401.17	1,435.78	1,141.90	848.02	554.14	261.34	236.85	3		3		3		3	
1/4	1/4	2,017.25	1,723.54	1,692.92	1,399.04	1,429.66	1,135.78	841.90	548.02	255.22	230.73	1/4		1/4		1/4		1/4	
1/2	1/2	2,011.29	1,717.41	1,686.80	1,392.92	1,423.53	1,129.65	835.77	541.89	249.09	224.61	1/2		1/2		1/2		1/2	
3/4	3/4	2,005.17	1,711.29	1,680.68	1,386.80	1,417.41	1,123.53	829.65	535.77	242.97	218.48	3/4		3/4		3/4		3/4	
4	4	1,999.05	1,705.17	1,674.56	1,380.68	1,411.29	1,117.41	823.53	529.65	236.85	212.36	4		4		4		4	
1/4	1/4	1,992.93	1,699.05	1,668.43	1,374.55	1,405.17	1,111.29	817.41	523.53	230.73	206.24	1/4		1/4		1/4		1/4	
1/2	1/2	1,986.80	1,692.92	1,662.31	1,368.43	1,399.04	1,105.16	811.28	517.40	224.61	200.12	1/2		1/2		1/2		1/2	
3/4	3/4	1,980.68	1,686.80	1,656.19	1,362.31	1,392.92	1,099.04	805.16	511.30	218.48	193.99	3/4		3/4		3/4		3/4	
5	5	1,974.56	1,680.68	1,650.07	1,356.19	1,386.80	1,092.92	799.04	505.19	212.36	187.87	5		5		5		5	
1/4	1/4	1,968.44	1,674.56	1,643.94	1,350.06	1,380.68	1,086.80	792.92	499.08	206.24	181.75	1/4		1/4		1/4		1/4	
1/2	1/2	1,962.31	1,668.43	1,637.82	1,343.94	1,374.55	1,080.67	786.79	492.98	200.12	175.63	1/2		1/2		1/2		1/2	
3/4	3/4	1,956.19	1,662.31	1,631.70	1,337.82	1,368.43	1,074.55	780.67	486.88	193.99	169.50	3/4		3/4		3/4		3/4	
6	6	1,950.07	1,656.19	1,625.58	1,331.70	1,362.31	1,068.43	774.55	480.79	187.87	163.38	6		6		6		6	
1/4	1/4	1,943.95	1,650.07	1,619.45	1,325.57	1,356.19	1,062.31	768.43	474.70	181.75	157.26	1/4		1/4		1/4		1/4	
1/2	1/2	1,937.82	1,643.94	1,613.33	1,319.45	1,350.06	1,056.18	762.30	468.61	175.63	151.14	1/2		1/2		1/2		1/2	
3/4	3/4	1,931.70	1,637.82	1,607.21	1,313.33	1,343.94	1,050.06	756.18	462.52	169.50	145.02	3/4		3/4		3/4		3/4	
7	7	1,925.58	1,631.70	1,601.09	1,307.21	1,337.82	1,043.94	750.06	456.43	163.38	138.89	7		7		7		7	
1/4	1/4	1,919.46	1,625.58	1,594.96	1,301.08	1,331.70	1,037.82	743.94	450.34	157.26	132.77	1/4		1/4		1/4		1/4	
1/2	1/2	1,913.33	1,619.45	1,588.84	1,294.96	1,325.57	1,031.69	737.81	444.25	151.14	126.65	1/2		1/2		1/2		1/2	
3/4	3/4	1,907.21	1,613.33	1,582.72	1,288.84	1,319.45	1,025.57	731.69	438.16	145.02	120.53	3/4		3/4		3/4		3/4	
8	8	1,901.09	1,607.21	1,576.60	1,282.72	1,313.33	1,019.45	725.57	432.07	138.89	114.40	8		8		8		8	
1/4	1/4	1,894.97	1,601.09	1,570.47	1,276.59	1,307.21	1,013.33	719.45	425.99	132.77	108.28	1/4		1/4		1/4		1/4	
1/2	1/2	1,888.84	1,594.96	1,564.35	1,270.47	1,301.08	1,007.20	713.32	419.90	126.65	102.16	1/2		1/2		1/2		1/2	
3/4	3/4	1,882.72	1,588.84	1,558.23	1,264.35	1,294.96	1,001.08	707.20	413.81	120.53	96.04	3/4		3/4		3/4		3/4	
9	9	1,876.60	1,582.72	1,552.11	1,258.23	1,288.84	994.96	701.08	407.72	114.40	89.91	9		9		9		9	
1/4	1/4	1,870.48	1,576.60	1,545.98	1,252.10	1,282.72	988.84	694.96	401.63	108.28	83.79	1/4		1/4		1/4		1/4	
1/2	1/2	1,864.35	1,570.47	1,539.86	1,245.98	1,276.59	982.71	688.83	395.54	102.16	77.67	1/2		1/2		1/2		1/2	
3/4	3/4	1,858.23	1,564.35	1,533.74	1,239.86	1,270.47	976.59	682.71	389.46	96.04	71.55	3/4		3/4		3/4		3/4	
10	10	1,852.11	1,558.23	1,527.62	1,233.74	1,264.35	970.47	676.59	383.37	89.91	65.43	10		10		10		10	
1/4	1/4	1,845.99	1,552.11	1,521.49	1,227.61	1,258.23	964.35	670.47	377.28	83.79	59.30	1/4		1/4		1/4		1/4	
1/2	1/2	1,839.86	1,545.98	1,515.37	1,221.49	1,252.10	958.22	664.34	371.19	77.67	53.18	1/2		1/2		1/2		1/2	
3/4	3/4	1,833.74	1,539.86	1,509.25	1,215.37	1,245.98	952.10	658.22	365.10	71.55	47.37	3/4		3/4		3/4		3/4	
11	11	1,827.62	1,533.74	1,503.13	1,209.25	1,239.86	945.98	652.10	359.02	65.43	41.56	11		11		11		11	
1/4	1/4	1,821.50	1,527.62	1,500.00	1,203.12	1,233.74	939.86	645.98	352.93	59.30	35.75	1/4		1/4		1/4		1/4	
1/2	1/2	1,815.37	1,521.49	1,496.87	1,197.00	1,227.61	933.73	639.85	346.84	53.18	29.94	1/2		1/2		1/2		1/2	
3/4	3/4	1,809.25	1,515.37	1,490.68	1,190.88	1,221.49	927.61	633.73	340.75	47.37	24.13	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.
 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
 PRINTED: 08/06/2012 SW

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	2,069.05	0	1,785.52	0	1,491.64	0	1,197.76	0	903.88	0	610.00	0	316.42	0	25.53	0	
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	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	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	
1		1	2,051.57	1	1,761.03	1	1,467.15	1	1,173.27	1	879.39	1	585.51	1	291.95	1		1	
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	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	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	
2		2	2,029.92	2	1,736.54	2	1,442.66	2	1,148.78	2	854.90	2	561.02	2	267.46	2		2	
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	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	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	
3		3	2,005.93	3	1,712.05	3	1,418.17	3	1,124.29	3	830.41	3	536.53	3	242.97	3		3	
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	1,993.68	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	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	
4		4	1,981.44	4	1,687.56	4	1,393.68	4	1,099.80	4	805.92	4	512.04	4	218.48	4		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	1,969.19	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	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	
5		5	1,956.95	5	1,663.07	5	1,369.19	5	1,075.31	5	781.43	5	487.57	5	193.99	5		5	
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	1,944.70	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	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	
6		6	1,932.46	6	1,638.58	6	1,344.70	6	1,050.82	6	756.94	6	463.12	6	169.50	6		6	
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	1,920.21	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	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	
7		7	1,907.97	7	1,614.09	7	1,320.21	7	1,026.33	7	732.45	7	438.66	7	145.02	7		7	
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	1,895.72	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	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	
8		8	1,883.48	8	1,589.60	8	1,295.72	8	1,001.84	8	707.96	8	414.21	8	120.53	8		8	
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	1,871.23	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	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	
9		9	1,858.99	9	1,565.11	9	1,271.23	9	977.35	9	683.47	9	389.77	9	96.04	9		9	
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	1,846.74	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	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	
10		10	1,834.50	10	1,540.62	10	1,246.74	10	952.86	10	658.98	10	365.32	10	71.55	10		10	
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	1,822.25	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	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	
11		11	1,810.01	11	1,516.13	11	1,222.25	11	928.37	11	634.49	11	340.87	11	47.37	11		11	
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	2,076.04	1/2	1,797.76	1/2	1,503.88	1/2	1,210.00	1/2	916.12	1/2	622.24	1/2	328.65	1/2	35.75	1/2		1/2	
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	616.12	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