



# BARGE "MM 94B"

## 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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/4	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 PORT	- 00-0/8	00-0/8	- 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
2 STBD	- 00-0/8	00-0/8	- 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
3 PORT	- 00-0/8	00-0/8	- 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
3 STBD	- 00-0/8	00-0/8	- 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
4 PORT	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-3/8	- 02-3/8	02-7/8	- 02-7/8
4 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	01-7/8	- 01-7/8	02-3/8	- 02-3/8	02-7/8	- 02-7/8

(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 4 PORT IS - 01-0/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 4 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11"

June 21, 2013

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

<http://www.pmacorp.net>



# BARGE "MM 94B" MAGNOLIA BARGE

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1/4	1/4	2,963.04	1/4	2,694.24	1/4	2,413.85	1/4	2,133.29	1/4	1,852.66	1/4	1,572.02	1/4	1,291.45	1/4	1,011.62	1/4	733.14	1/4	453.58	1/4	177.17			
1/2	1/2	2,959.63	1/2	2,688.43	1/2	2,408.00	1/2	2,127.45	1/2	1,846.81	1/2	1,566.17	1/2	1,285.61	1/2	1,005.77	1/2	727.36	1/2	447.74	1/2	171.34			
3/4	3/4	2,955.25	3/4	2,682.63	3/4	2,402.16	3/4	2,121.60	3/4	1,840.96	3/4	1,560.33	3/4	1,279.76	3/4	999.93	3/4	721.58	3/4	441.89	3/4	165.52			
1	1	2,950.86	1	2,676.82	1	2,396.31	1	2,115.76	1	1,835.12	1	1,554.48	1	1,273.91	1	994.08	1	715.80	1	436.04	1	159.69			
1/4	1/4	2,946.48	1/4	2,671.01	1/4	2,390.47	1/4	2,109.91	1/4	1,829.27	1/4	1,548.63	1/4	1,268.07	1/4	988.23	1/4	710.02	1/4	430.19	1/4	153.86			
1/2	1/2	2,942.09	1/2	2,665.21	1/2	2,384.62	1/2	2,104.06	1/2	1,823.43	1/2	1,542.79	1/2	1,262.22	1/2	982.38	1/2	704.23	1/2	424.35	1/2	148.04			
3/4	3/4	2,936.73	3/4	2,659.36	3/4	2,378.77	3/4	2,098.22	3/4	1,817.58	3/4	1,536.94	3/4	1,256.41	3/4	976.53	3/4	698.45	3/4	418.50	3/4	142.30			
2	2	2,931.37	2	2,653.52	2	2,372.93	2	2,092.37	2	1,811.73	2	1,531.09	2	1,250.59	2	970.69	2	692.67	2	412.65	2	136.57			
1/4	1/4	2,926.01	1/4	2,647.67	1/4	2,367.08	1/4	2,086.52	1/4	1,805.89	1/4	1,525.25	1/4	1,244.78	1/4	964.84	1/4	686.89	1/4	406.80	1/4	130.84			
1/2	1/2	2,920.65	1/2	2,641.83	1/2	2,361.24	1/2	2,080.68	1/2	1,800.04	1/2	1,519.40	1/2	1,238.97	1/2	958.99	1/2	681.11	1/2	400.96	1/2	125.11			
3/4	3/4	2,914.85	3/4	2,635.98	3/4	2,355.39	3/4	2,074.83	3/4	1,794.19	3/4	1,513.56	3/4	1,233.15	3/4	953.18	3/4	675.33	3/4	395.11	3/4	119.48			
3	3	2,909.04	3	2,630.14	3	2,349.55	3	2,068.98	3	1,788.35	3	1,507.71	3	1,227.34	3	947.36	3	669.55	3	389.26	3	113.86			
1/4	1/4	2,903.23	1/4	2,624.29	1/4	2,343.70	1/4	2,063.14	1/4	1,782.50	1/4	1,501.86	1/4	1,221.53	1/4	941.55	1/4	663.77	1/4	383.41	1/4	108.23			
1/2	1/2	2,897.43	1/2	2,618.44	1/2	2,337.86	1/2	2,057.29	1/2	1,776.65	1/2	1,496.02	1/2	1,215.71	1/2	935.73	1/2	657.99	1/2	377.57	1/2	102.61			
3/4	3/4	2,891.62	3/4	2,612.60	3/4	2,332.01	3/4	2,051.44	3/4	1,770.81	3/4	1,490.18	3/4	1,209.90	3/4	929.92	3/4	652.21	3/4	371.72	3/4	97.00			
4	4	2,885.82	4	2,606.75	4	2,326.16	4	2,045.60	4	1,764.96	4	1,484.34	4	1,204.09	4	924.11	4	646.43	4	365.87	4	91.38			
1/4	1/4	2,880.01	1/4	2,600.91	1/4	2,320.32	1/4	2,039.75	1/4	1,759.11	1/4	1,478.50	1/4	1,198.29	1/4	918.29	1/4	640.64	1/4	360.02	1/4	85.77			
1/2	1/2	2,874.21	1/2	2,595.06	1/2	2,314.47	1/2	2,033.90	1/2	1,753.27	1/2	1,472.67	1/2	1,192.48	1/2	912.48	1/2	634.86	1/2	354.17	1/2	80.16			
3/4	3/4	2,868.40	3/4	2,589.22	3/4	2,308.63	3/4	2,028.06	3/4	1,747.42	3/4	1,466.83	3/4	1,186.67	3/4	906.69	3/4	629.01	3/4	348.53	3/4	74.55			
5	5	2,862.60	5	2,583.37	5	2,302.78	5	2,022.21	5	1,741.57	5	1,460.99	5	1,180.86	5	900.90	5	623.16	5	342.88	5	68.95			
1/4	1/4	2,856.79	1/4	2,577.53	1/4	2,296.94	1/4	2,016.36	1/4	1,735.73	1/4	1,455.15	1/4	1,175.05	1/4	895.10	1/4	617.32	1/4	337.23	1/4	63.34			
1/2	1/2	2,850.99	1/2	2,571.68	1/2	2,291.09	1/2	2,010.52	1/2	1,729.88	1/2	1,449.32	1/2	1,169.24	1/2	889.31	1/2	611.47	1/2	331.58	1/2	57.74			
3/4	3/4	2,845.18	3/4	2,565.83	3/4	2,285.25	3/4	2,004.67	3/4	1,724.03	3/4	1,443.47	3/4	1,163.43	3/4	883.52	3/4	605.62	3/4	325.94	3/4	52.17			
6	6	2,839.37	6	2,559.99	6	2,279.40	6	1,998.82	6	1,718.19	6	1,437.62	6	1,157.61	6	877.73	6	599.77	6	320.29	6	46.59			
1/4	1/4	2,833.57	1/4	2,554.14	1/4	2,273.55	1/4	1,992.98	1/4	1,712.34	1/4	1,431.78	1/4	1,151.80	1/4	871.94	1/4	593.93	1/4	314.64	1/4	41.02			
1/2	1/2	2,827.76	1/2	2,548.30	1/2	2,267.71	1/2	1,987.13	1/2	1,706.49	1/2	1,425.93	1/2	1,145.99	1/2	866.14	1/2	588.08	1/2	308.99	1/2	35.45			
3/4	3/4	2,821.96	3/4	2,542.45	3/4	2,261.86	3/4	1,981.28	3/4	1,700.65	3/4	1,420.08	3/4	1,140.17	3/4	860.36	3/4	582.23	3/4	303.35	3/4	30.68			
7	7	2,816.15	7	2,536.61	7	2,256.02	7	1,975.44	7	1,694.80	7	1,414.24	7	1,134.36	7	854.57	7	576.38	7	297.70	7	25.91			
1/4	1/4	2,810.35	1/4	2,530.76	1/4	2,250.17	1/4	1,969.59	1/4	1,688.95	1/4	1,408.39	1/4	1,128.55	1/4	848.79	1/4	570.54	1/4	292.05	1/4	21.14			
1/2	1/2	2,804.54	1/2	2,524.91	1/2	2,244.33	1/2	1,963.74	1/2	1,683.11	1/2	1,402.54	1/2	1,122.73	1/2	843.01	1/2	564.69	1/2	286.40	1/2	16.37			
3/4	3/4	2,798.74	3/4	2,519.07	3/4	2,238.49	3/4	1,957.90	3/4	1,677.26	3/4	1,396.69	3/4	1,116.88	3/4	837.22	3/4	558.84	3/4	280.77	3/4	---			
8	8	2,792.93	8	2,513.22	8	2,232.65	8	1,952.05	8	1,671.41	8	1,390.85	8	1,111.04	8	831.44	8	552.99	8	275.13	8	---			
1/4	1/4	2,787.12	1/4	2,507.38	1/4	2,226.81	1/4	1,946.20	1/4	1,665.57	1/4	1,385.00	1/4	1,105.19	1/4	825.65	1/4	547.15	1/4	269.49	1/4	---			
1/2	1/2	2,781.32	1/2	2,501.53	1/2	2,220.97	1/2	1,940.36	1/2	1,659.72	1/2	1,379.15	1/2	1,099.34	1/2	819.87	1/2	541.30	1/2	263.86	1/2	---			
3/4	3/4	2,775.51	3/4	2,495.69	3/4	2,215.13	3/4	1,934.51	3/4	1,653.87	3/4	1,373.31	3/4	1,093.49	3/4	814.08	3/4	535.45	3/4	258.22	3/4	---			
9	9	2,769.71	9	2,489.84	9	2,209.29	9	1,928.66	9	1,648.03	9	1,367.46	9	1,087.64	9	808.30	9	529.60	9	252.58	9	---			
1/4	1/4	2,763.90	1/4	2,484.00	1/4	2,203.45	1/4	1,922.82	1/4	1,642.18	1/4	1,361.61	1/4	1,081.80	1/4	802.51	1/4	523.76	1/4	246.94	1/4	---			
1/2	1/2	2,758.10	1/2	2,478.15	1/2	2,197.61	1/2	1,916.97	1/2	1,636.33	1/2	1,355.77	1/2	1,075.95	1/2	796.73	1/2	517.91	1/2	241.31	1/2	---			
3/4	3/4	2,752.29	3/4	2,472.30	3/4	2,191.76	3/4	1,911.12	3/4	1,630.49	3/4	1,349.92	3/4	1,070.10	3/4	790.95	3/4	512.06	3/4	235.47	3/4	---			
10	10	2,746.49	10	2,466.46	10	2,185.91	10	1,905.28	10	1,624.64	10	1,344.07	10	1,064.25	10	785.17	10	506.21	10	229.63	10	---			
1/4	1/4	2,740.68	1/4	2,460.61	1/4	2,180.07	1/4	1,899.43	1/4	1,618.79	1/4	1,338.23	1/4	1,058.41	1/4	779.38	1/4	500.36	1/4	223.80	1/4	---			
1/2	1/2	2,734.88	1/2	2,454.77	1/2	2,174.22	1/2	1,893.58	1/2	1,612.95	1/2	1,332.38	1/2	1,052.56	1/2	773.60	1/2	494.52	1/2	217.96	1/2	---			
3/4	3/4	2,729.07	3/4	2,448.92	3/4	2,168.37	3/4	1,887.74	3/4	1,607.10	3/4	1,326.53	3/4	1,046.71	3/4	767.82	3/4	488.67	3/4	212.13	3/4	---			
11	11	2,723.26	11	2,443.08	11	2,162.53	11	1,881.89	11	1,601.25	11	1,320.69	11	1,040.86	11	762.04	11	482.82	11	206.30	11	---			
1/4	1/4	2,717.46	1/4	2,437.23	1/4	2,156.68	1/4	1,876.04	1/4	1,595.41	1/4	1,314.84	1/4	1,035.01	1/4	756.26	1/4	476.97	1/4	200.48	1/4	---			
1/2	1/2	2,711.65	1/2	2,431.39	1/2	2,150.83	1/2	1,870.20	1/2	1,589.56	1/2	1,308.99	1/2	1,029.17	1/2	750.48	1/2	471.13	1/2	194.65	1/2	---			
3/4	3/4	2,705.85	3/4	2,425.54	3/4	2,144.99	3/4	1,864.35	3/4	1,583.71	3/4	1,303.15	3/4	1,023.32	3/4	744.70	3/4	465.28	3/4	188.82	3/4	---			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.  
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 35'-06" FORWARD OF AFT BULKHEAD.

STRAPPED: 06/21/2013 CL - SW  
CALCULATED: 06/21/2013 CL  
PRINTED: 06/24/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

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





# BARGE "MM 94B" MAGNOLIA BARGE

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-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.	IN	10 FT.	IN	11 FT.
0		0		0	2,713.55	0	2,433.29	0	2,152.73	0	1,872.10	0	1,591.46	0	1,310.89	0	1,031.06	0	751.15	0	471.12	0	194.65
1/4		1/4		1/4	2,707.75	1/4	2,427.44	1/4	2,146.89	1/4	1,866.25	1/4	1,585.61	1/4	1,305.05	1/4	1,025.22	1/4	745.34	1/4	465.28	1/4	188.82
1/2		1/2		1/2	2,701.94	1/2	2,421.59	1/2	2,141.04	1/2	1,860.40	1/2	1,579.77	1/2	1,299.20	1/2	1,019.37	1/2	739.53	1/2	459.43	1/2	182.99
3/4		3/4		3/4	2,964.94	3/4	2,696.14	3/4	2,415.75	3/4	2,135.19	3/4	1,854.56	3/4	1,573.92	3/4	1,293.35	3/4	1,013.52	3/4	733.71	3/4	453.58
1		1		1	2,961.53	1	2,690.33	1	2,409.90	1	2,129.35	1	1,848.71	1	1,568.07	1	1,287.51	1	1,007.67	1	727.90	1	447.73
1/4		1/4		1/4	2,957.15	1/4	2,684.53	1/4	2,404.06	1/4	2,123.50	1/4	1,842.86	1/4	1,562.23	1/4	1,281.66	1/4	1,001.83	1/4	722.08	1/4	441.88
1/2		1/2		1/2	2,952.76	1/2	2,678.72	1/2	2,398.21	1/2	2,117.66	1/2	1,837.02	1/2	1,556.38	1/2	1,275.81	1/2	995.98	1/2	716.27	1/2	436.04
3/4		3/4		3/4	2,948.38	3/4	2,672.91	3/4	2,392.37	3/4	2,111.81	3/4	1,831.17	3/4	1,550.53	3/4	1,269.97	3/4	990.13	3/4	710.45	3/4	430.19
2		2		2	2,943.99	2	2,667.11	2	2,386.52	2	2,105.96	2	1,825.33	2	1,544.69	2	1,264.12	2	984.28	2	704.64	2	424.34
1/4		1/4		1/4	2,938.63	1/4	2,661.26	1/4	2,380.67	1/4	2,100.12	1/4	1,819.48	1/4	1,538.84	1/4	1,258.31	1/4	978.43	1/4	698.82	1/4	418.49
1/2		1/2		1/2	2,933.27	1/2	2,655.42	1/2	2,374.83	1/2	2,094.27	1/2	1,813.63	1/2	1,532.99	1/2	1,252.49	1/2	972.59	1/2	693.01	1/2	412.65
3/4		3/4		3/4	2,927.91	3/4	2,649.57	3/4	2,368.98	3/4	2,088.42	3/4	1,807.79	3/4	1,527.15	3/4	1,246.68	3/4	966.74	3/4	687.20	3/4	406.80
3		3		3	2,922.55	3	2,643.73	3	2,363.14	3	2,082.58	3	1,801.94	3	1,521.30	3	1,240.87	3	960.89	3	681.38	3	400.95
1/4		1/4		1/4	2,916.75	1/4	2,637.88	1/4	2,357.29	1/4	2,076.73	1/4	1,796.09	1/4	1,515.46	1/4	1,235.05	1/4	955.04	1/4	675.57	1/4	395.10
1/2		1/2		1/2	2,910.94	1/2	2,632.04	1/2	2,351.45	1/2	2,070.88	1/2	1,790.25	1/2	1,509.61	1/2	1,229.24	1/2	949.19	1/2	669.75	1/2	389.26
3/4		3/4		3/4	2,905.13	3/4	2,626.19	3/4	2,345.60	3/4	2,065.04	3/4	1,784.40	3/4	1,503.76	3/4	1,223.43	3/4	943.35	3/4	663.94	3/4	383.41
4		4		4	2,899.33	4	2,620.34	4	2,339.76	4	2,059.19	4	1,778.55	4	1,497.92	4	1,217.61	4	937.50	4	658.12	4	377.56
1/4		1/4		1/4	2,893.52	1/4	2,614.50	1/4	2,333.91	1/4	2,053.34	1/4	1,772.71	1/4	1,492.08	1/4	1,211.80	1/4	931.65	1/4	652.31	1/4	371.71
1/2		1/2		1/2	2,887.72	1/2	2,608.65	1/2	2,328.06	1/2	2,047.50	1/2	1,766.86	1/2	1,486.24	1/2	1,205.99	1/2	925.80	1/2	646.49	1/2	365.87
3/4		3/4		3/4	2,881.91	3/4	2,602.81	3/4	2,322.22	3/4	2,041.65	3/4	1,761.01	3/4	1,480.40	3/4	1,200.19	3/4	919.95	3/4	640.67	3/4	360.02
5		5		5	2,876.11	5	2,596.96	5	2,316.37	5	2,035.80	5	1,755.17	5	1,474.57	5	1,194.38	5	914.11	5	634.86	5	354.17
1/4		1/4		1/4	2,870.30	1/4	2,591.12	1/4	2,310.53	1/4	2,029.96	1/4	1,749.32	1/4	1,468.73	1/4	1,188.57	1/4	908.28	1/4	629.01	1/4	348.52
1/2		1/2		1/2	2,864.50	1/2	2,585.27	1/2	2,304.68	1/2	2,024.11	1/2	1,743.47	1/2	1,462.89	1/2	1,182.76	1/2	902.46	1/2	623.16	1/2	342.88
3/4		3/4		3/4	2,858.69	3/4	2,579.43	3/4	2,298.84	3/4	2,018.26	3/4	1,737.63	3/4	1,457.05	3/4	1,176.95	3/4	896.63	3/4	617.31	3/4	337.23
6		6		6	2,852.89	6	2,573.58	6	2,292.99	6	2,012.42	6	1,731.78	6	1,451.22	6	1,171.14	6	890.80	6	611.47	6	331.58
1/4		1/4		1/4	2,847.08	1/4	2,567.73	1/4	2,287.15	1/4	2,006.57	1/4	1,725.93	1/4	1,445.37	1/4	1,165.33	1/4	884.98	1/4	605.62	1/4	325.93
1/2		1/2		1/2	2,841.27	1/2	2,561.89	1/2	2,281.30	1/2	2,000.72	1/2	1,720.09	1/2	1,439.52	1/2	1,159.51	1/2	879.15	1/2	599.77	1/2	320.29
3/4		3/4		3/4	2,835.47	3/4	2,556.04	3/4	2,275.45	3/4	1,994.88	3/4	1,714.24	3/4	1,433.68	3/4	1,153.70	3/4	873.33	3/4	593.92	3/4	314.64
7		7		7	2,829.66	7	2,550.20	7	2,269.61	7	1,989.03	7	1,708.39	7	1,427.83	7	1,147.88	7	867.50	7	588.07	7	308.99
1/4		1/4		1/4	2,823.86	1/4	2,544.35	1/4	2,263.76	1/4	1,983.18	1/4	1,702.55	1/4	1,421.98	1/4	1,142.07	1/4	861.68	1/4	582.23	1/4	303.34
1/2		1/2		1/2	2,818.05	1/2	2,538.51	1/2	2,257.92	1/2	1,977.34	1/2	1,696.70	1/2	1,416.14	1/2	1,136.26	1/2	855.86	1/2	576.38	1/2	297.69
3/4		3/4		3/4	2,812.25	3/4	2,532.66	3/4	2,252.07	3/4	1,971.49	3/4	1,690.85	3/4	1,410.29	3/4	1,130.44	3/4	850.04	3/4	570.53	3/4	292.05
8		8		8	2,806.44	8	2,526.81	8	2,246.23	8	1,965.64	8	1,685.01	8	1,404.44	8	1,124.63	8	844.23	8	564.68	8	286.40
1/4		1/4		1/4	2,800.64	1/4	2,520.97	1/4	2,240.39	1/4	1,959.80	1/4	1,679.16	1/4	1,398.59	1/4	1,118.78	1/4	838.41	1/4	558.84	1/4	280.76
1/2		1/2		1/2	2,794.83	1/2	2,515.12	1/2	2,234.55	1/2	1,953.95	1/2	1,673.31	1/2	1,392.75	1/2	1,112.94	1/2	832.59	1/2	552.99	1/2	275.13
3/4		3/4		3/4	2,789.02	3/4	2,509.28	3/4	2,228.71	3/4	1,948.10	3/4	1,667.47	3/4	1,386.90	3/4	1,107.09	3/4	826.77	3/4	547.14	3/4	269.49
9		9		9	2,783.22	9	2,503.43	9	2,222.87	9	1,942.26	9	1,661.62	9	1,381.05	9	1,101.24	9	820.95	9	541.29	9	263.85
1/4		1/4		1/4	2,777.41	1/4	2,497.59	1/4	2,217.03	1/4	1,936.41	1/4	1,655.77	1/4	1,375.21	1/4	1,095.39	1/4	815.13	1/4	535.45	1/4	258.21
1/2		1/2		1/2	2,771.61	1/2	2,491.74	1/2	2,211.19	1/2	1,930.56	1/2	1,649.93	1/2	1,369.36	1/2	1,089.54	1/2	809.31	1/2	529.60	1/2	252.58
3/4		3/4		3/4	2,765.80	3/4	2,485.90	3/4	2,205.35	3/4	1,924.72	3/4	1,644.08	3/4	1,363.51	3/4	1,083.70	3/4	803.50	3/4	523.75	3/4	246.94
10		10		10	2,760.00	10	2,480.05	10	2,199.51	10	1,918.87	10	1,638.23	10	1,357.67	10	1,077.85	10	797.68	10	517.90	10	241.30
1/4		1/4		1/4	2,754.19	1/4	2,474.20	1/4	2,193.66	1/4	1,913.02	1/4	1,632.39	1/4	1,351.82	1/4	1,072.00	1/4	791.86	1/4	512.06	1/4	235.47
1/2		1/2		1/2	2,748.39	1/2	2,468.36	1/2	2,187.81	1/2	1,907.18	1/2	1,626.54	1/2	1,345.97	1/2	1,066.15	1/2	786.05	1/2	506.21	1/2	229.63
3/4		3/4		3/4	2,742.58	3/4	2,462.51	3/4	2,181.97	3/4	1,901.33	3/4	1,620.69	3/4	1,340.13	3/4	1,060.30	3/4	780.23	3/4	500.36	3/4	223.79
11		11		11	2,736.78	11	2,456.67	11	2,176.12	11	1,895.48	11	1,614.85	11	1,334.28	11	1,054.46	11	774.41	11	494.51	11	217.95
1/4		1/4		1/4	2,730.97	1/4	2,450.82	1/4	2,170.27	1/4	1,889.64	1/4	1,609.00	1/4	1,328.43	1/4	1,048.61	1/4	768.60	1/4	488.67	1/4	212.13
1/2		1/2		1/2	2,725.16	1/2	2,444.98	1/2	2,164.43	1/2	1,883.79	1/2	1,603.15	1/2	1,322.59	1/2	1,042.76	1/2	762.78	1/2	482.82	1/2	206.30
3/4		3/4		3/4	2,719.36	3/4	2,439.13	3/4	2,158.58	3/4	1,877.94	3/4	1,597.31	3/4	1,316.74	3/4	1,036.91	3/4	756.97	3/4	476.97	3/4	200.47

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.  
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 35'-06" FORWARD OF AFT BULKHEAD.

STRAPPED: 06/21/2013 CL - SW  
CALCULATED: 06/21/2013 CL  
PRINTED: 06/24/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

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



# BARGE "MM 94B" MAGNOLIA BARGE

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-06 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.
0		0	3,186.51	0	2,891.01	0	2,587.16	0	2,283.20	0	1,979.17	0	1,675.15	0	1,371.18	0	1,070.31	0	778.21	0	478.65	0	179.24
1/4		1/4	3,181.76	1/4	2,884.72	1/4	2,580.82	1/4	2,276.87	1/4	1,972.84	1/4	1,668.81	1/4	1,364.85	1/4	1,063.97	1/4	772.17	1/4	472.32	1/4	172.93
1/2		1/2	3,177.01	1/2	2,878.43	1/2	2,574.49	1/2	2,270.53	1/2	1,966.51	1/2	1,662.48	1/2	1,358.51	1/2	1,057.64	1/2	766.14	1/2	465.98	1/2	166.62
3/4		3/4	3,172.26	3/4	2,872.14	3/4	2,568.16	3/4	2,264.20	3/4	1,960.17	3/4	1,656.14	3/4	1,352.18	3/4	1,051.30	3/4	760.11	3/4	459.65	3/4	160.30
1		1	3,166.45	1	2,865.80	1	2,561.82	1	2,257.86	1	1,953.84	1	1,649.81	1	1,345.98	1	1,044.97	1	754.08	1	453.31	1	154.09
1/4		1/4	3,160.64	1/4	2,859.47	1/4	2,555.49	1/4	2,251.53	1/4	1,947.50	1/4	1,643.48	1/4	1,339.78	1/4	1,038.63	1/4	748.04	1/4	446.98	1/4	147.88
1/2		1/2	3,154.83	1/2	2,853.14	1/2	2,549.16	1/2	2,245.20	1/2	1,941.17	1/2	1,637.14	1/2	1,333.57	1/2	1,032.30	1/2	742.01	1/2	440.64	1/2	141.67
3/4		3/4	3,149.03	3/4	2,846.80	3/4	2,542.82	3/4	2,238.86	3/4	1,934.84	3/4	1,630.81	3/4	1,327.37	3/4	1,025.96	3/4	735.98	3/4	434.31	3/4	135.46
2		2	3,142.73	2	2,840.47	2	2,536.49	2	2,232.53	2	1,928.50	2	1,624.47	2	1,321.17	2	1,019.90	2	729.94	2	427.97	2	129.36
1/4		1/4	3,136.44	1/4	2,834.14	1/4	2,530.16	1/4	2,226.20	1/4	1,922.17	1/4	1,618.14	1/4	1,314.97	1/4	1,013.83	1/4	723.91	1/4	421.64	1/4	123.27
1/2		1/2	3,130.15	1/2	2,827.81	1/2	2,523.83	1/2	2,219.86	1/2	1,915.83	1/2	1,611.81	1/2	1,308.76	1/2	1,007.76	1/2	717.88	1/2	415.30	1/2	117.18
3/4		3/4	3,123.86	3/4	2,821.47	3/4	2,517.49	3/4	2,213.53	3/4	1,909.50	3/4	1,605.47	3/4	1,302.56	3/4	1,001.70	3/4	711.85	3/4	408.97	3/4	111.08
3		3	3,117.56	3	2,815.14	3	2,511.16	3	2,207.19	3	1,903.17	3	1,599.15	3	1,296.36	3	995.63	3	705.81	3	402.63	3	105.00
1/4		1/4	3,111.27	1/4	2,808.81	1/4	2,504.83	1/4	2,200.86	1/4	1,896.83	1/4	1,592.82	1/4	1,290.16	1/4	989.56	1/4	699.78	1/4	396.30	1/4	98.92
1/2		1/2	3,104.98	1/2	2,802.47	1/2	2,498.49	1/2	2,194.53	1/2	1,890.50	1/2	1,586.50	1/2	1,283.96	1/2	983.50	1/2	693.74	1/2	389.96	1/2	92.84
3/4		3/4	3,098.68	3/4	2,796.14	3/4	2,492.16	3/4	2,188.19	3/4	1,884.16	3/4	1,580.17	3/4	1,277.77	3/4	977.43	3/4	687.71	3/4	383.63	3/4	86.76
4		4	3,092.39	4	2,789.81	4	2,485.83	4	2,181.86	4	1,877.83	4	1,573.85	4	1,271.57	4	971.39	4	681.37	4	377.51	4	80.69
1/4		1/4	3,086.10	1/4	2,783.48	1/4	2,479.50	1/4	2,175.52	1/4	1,871.50	1/4	1,567.52	1/4	1,265.37	1/4	965.34	1/4	675.04	1/4	371.39	1/4	74.62
1/2		1/2	3,079.80	1/2	2,777.14	1/2	2,473.16	1/2	2,169.19	1/2	1,865.16	1/2	1,561.20	1/2	1,259.17	1/2	959.30	1/2	668.70	1/2	365.28	1/2	68.55
3/4		3/4	3,073.51	3/4	2,770.81	3/4	2,466.83	3/4	2,162.86	3/4	1,858.83	3/4	1,554.87	3/4	1,252.97	3/4	953.26	3/4	662.37	3/4	359.16	3/4	62.48
5		5	3,067.22	5	2,764.48	5	2,460.50	5	2,156.52	5	1,852.49	5	1,548.54	5	1,246.77	5	947.21	5	656.03	5	353.04	5	56.44
1/4		1/4	3,060.93	1/4	2,758.14	1/4	2,454.16	1/4	2,150.19	1/4	1,846.16	1/4	1,542.21	1/4	1,240.57	1/4	941.17	1/4	649.70	1/4	346.93	1/4	50.41
1/2		1/2	3,054.63	1/2	2,751.81	1/2	2,447.83	1/2	2,143.85	1/2	1,839.83	1/2	1,535.87	1/2	1,234.36	1/2	935.12	1/2	643.36	1/2	340.81	1/2	44.37
3/4		3/4	3,048.34	3/4	2,745.48	3/4	2,441.50	3/4	2,137.52	3/4	1,833.49	3/4	1,529.54	3/4	1,228.16	3/4	929.08	3/4	637.03	3/4	334.69	3/4	38.34
6		6	3,042.05	6	2,739.14	6	2,435.17	6	2,131.19	6	1,827.16	6	1,523.20	6	1,221.96	6	923.04	6	630.69	6	328.57	6	33.17
1/4		1/4	3,035.75	1/4	2,732.81	1/4	2,428.83	1/4	2,124.85	1/4	1,820.83	1/4	1,516.87	1/4	1,215.75	1/4	917.00	1/4	624.36	1/4	322.46	1/4	28.00
1/2		1/2	3,029.46	1/2	2,726.48	1/2	2,422.50	1/2	2,118.52	1/2	1,814.49	1/2	1,510.53	1/2	1,209.55	1/2	910.97	1/2	618.02	1/2	316.34	1/2	22.83
3/4		3/4	3,023.17	3/4	2,720.15	3/4	2,416.17	3/4	2,112.18	3/4	1,808.16	3/4	1,504.20	3/4	1,203.35	3/4	904.93	3/4	611.69	3/4	310.22	3/4	17.67
7		7	3,016.87	7	2,713.81	7	2,409.84	7	2,105.85	7	1,801.82	7	1,497.87	7	1,197.01	7	898.89	7	605.35	7	304.12	7	
1/4		1/4	3,010.58	1/4	2,707.48	1/4	2,403.51	1/4	2,099.52	1/4	1,795.49	1/4	1,491.53	1/4	1,190.68	1/4	892.86	1/4	599.02	1/4	298.01	1/4	
1/2		1/2	3,004.29	1/2	2,701.15	1/2	2,397.18	1/2	2,093.18	1/2	1,789.16	1/2	1,485.20	1/2	1,184.34	1/2	886.82	1/2	592.68	1/2	291.90	1/2	
3/4		3/4	2,998.00	3/4	2,694.81	3/4	2,390.86	3/4	2,086.85	3/4	1,782.82	3/4	1,478.86	3/4	1,178.01	3/4	880.79	3/4	586.35	3/4	285.80	3/4	
8		8	2,991.70	8	2,688.48	8	2,384.53	8	2,080.52	8	1,776.49	8	1,472.53	8	1,171.67	8	874.75	8	580.01	8	279.69	8	
1/4		1/4	2,985.41	1/4	2,682.15	1/4	2,378.20	1/4	2,074.18	1/4	1,770.15	1/4	1,466.20	1/4	1,165.34	1/4	868.71	1/4	573.68	1/4	273.58	1/4	
1/2		1/2	2,979.12	1/2	2,675.82	1/2	2,371.87	1/2	2,067.85	1/2	1,763.82	1/2	1,459.86	1/2	1,159.00	1/2	862.68	1/2	567.34	1/2	267.48	1/2	
3/4		3/4	2,972.82	3/4	2,669.48	3/4	2,365.54	3/4	2,061.51	3/4	1,757.49	3/4	1,453.53	3/4	1,152.67	3/4	856.64	3/4	561.01	3/4	261.37	3/4	
9		9	2,966.53	9	2,663.15	9	2,359.21	9	2,055.18	9	1,751.15	9	1,447.19	9	1,146.33	9	850.60	9	554.67	9	255.04	9	
1/4		1/4	2,960.24	1/4	2,656.82	1/4	2,352.87	1/4	2,048.85	1/4	1,744.82	1/4	1,440.86	1/4	1,140.00	1/4	844.57	1/4	548.34	1/4	248.72	1/4	
1/2		1/2	2,953.94	1/2	2,650.48	1/2	2,346.54	1/2	2,042.51	1/2	1,738.48	1/2	1,434.52	1/2	1,133.66	1/2	838.53	1/2	542.00	1/2	242.39	1/2	
3/4		3/4	2,947.65	3/4	2,644.15	3/4	2,340.21	3/4	2,036.18	3/4	1,732.15	3/4	1,428.19	3/4	1,127.33	3/4	832.50	3/4	535.67	3/4	236.07	3/4	
10		10	2,941.36	10	2,637.82	10	2,333.87	10	2,029.84	10	1,725.82	10	1,421.86	10	1,120.99	10	826.47	10	529.33	10	229.76	10	
1/4		1/4	2,935.07	1/4	2,631.49	1/4	2,327.54	1/4	2,023.51	1/4	1,719.48	1/4	1,415.52	1/4	1,114.66	1/4	820.43	1/4	523.00	1/4	223.44	1/4	
1/2		1/2	2,928.77	1/2	2,625.15	1/2	2,321.20	1/2	2,017.18	1/2	1,713.15	1/2	1,409.19	1/2	1,108.32	1/2	814.40	1/2	516.66	1/2	217.13	1/2	
3/4		3/4	2,922.48	3/4	2,618.82	3/4	2,314.87	3/4	2,010.84	3/4	1,706.82	3/4	1,402.85	3/4	1,101.98	3/4	808.37	3/4	510.33	3/4	210.81	3/4	
11		11	2,916.19	11	2,612.49	11	2,308.54	11	2,004.51	11	1,700.48	11	1,396.52	11	1,095.65	11	802.34	11	503.99	11	204.50	11	
1/4		1/4	2,909.89	1/4	2,606.15	1/4	2,302.20	1/4	1,998.17	1/4	1,694.15	1/4	1,390.19	1/4	1,089.31	1/4	796.30	1/4	497.66	1/4	198.19	1/4	
1/2		1/2	3,194.95	1/2	2,903.60	1/2	2,599.82	1/2	2,295.87	1/2	1,991.84	1/2	1,687.81	1/2	1,383.85	1/2	790.27	1/2	491.32	1/2	191.87	1/2	
3/4		3/4	3,191.26	3/4	2,897.31	3/4	2,593.49	3/4	2,289.53	3/4	1,985.51	3/4	1,681.48	3/4	1,377.52	3/4	784.24	3/4	484.99	3/4	185.56	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD.  
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 39'-06" FORWARD OF AFT BULKHEAD.

STRAPPED: 06/21/2013 CL - SW  
CALCULATED: 06/21/2013 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

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



# BARGE "MM 94B" MAGNOLIA BARGE

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-07"

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.	IN	10 FT.	IN	11 FT.
0		0	3,206.33	0	2,912.38	0	2,608.56	0	2,304.60	0	2,000.58	0	1,696.55	0	1,392.59	0	1,091.71	0	788.54	0	484.98	0	185.55
1/4		1/4	3,201.58	1/4	2,906.09	1/4	2,602.23	1/4	2,298.27	1/4	1,994.24	1/4	1,690.22	1/4	1,386.25	1/4	1,085.38	1/4	782.24	1/4	478.65	1/4	179.24
1/2		1/2	3,196.83	1/2	2,899.80	1/2	2,595.89	1/2	2,291.94	1/2	1,987.91	1/2	1,683.88	1/2	1,379.92	1/2	1,079.04	1/2	775.94	1/2	472.31	1/2	172.93
3/4		3/4	3,192.08	3/4	2,893.51	3/4	2,589.56	3/4	2,285.60	3/4	1,981.57	3/4	1,677.55	3/4	1,373.58	3/4	1,072.71	3/4	769.64	3/4	465.98	3/4	166.61
1		1	3,187.33	1	2,887.21	1	2,583.23	1	2,279.27	1	1,975.24	1	1,671.21	1	1,367.25	1	1,066.37	1	763.33	1	459.64	1	160.30
1/4		1/4	3,181.52	1/4	2,880.88	1/4	2,576.90	1/4	2,272.93	1/4	1,968.91	1/4	1,664.88	1/4	1,361.05	1/4	1,060.04	1/4	757.03	1/4	453.31	1/4	154.09
1/2		1/2	3,175.71	1/2	2,874.55	1/2	2,570.56	1/2	2,266.60	1/2	1,962.57	1/2	1,658.55	1/2	1,354.85	1/2	1,053.70	1/2	750.73	1/2	446.97	1/2	147.88
3/4		3/4	3,169.91	3/4	2,868.21	3/4	2,564.23	3/4	2,260.27	3/4	1,956.24	3/4	1,652.21	3/4	1,348.64	3/4	1,047.37	3/4	744.43	3/4	440.64	3/4	141.66
2		2	3,164.10	2	2,861.88	2	2,557.90	2	2,253.93	2	1,949.91	2	1,645.88	2	1,342.44	2	1,041.03	2	738.13	2	434.30	2	135.45
1/4		1/4	3,157.81	1/4	2,855.55	1/4	2,551.56	1/4	2,247.60	1/4	1,943.57	1/4	1,639.54	1/4	1,336.24	1/4	1,034.70	1/4	731.83	1/4	427.97	1/4	129.36
1/2		1/2	3,151.51	1/2	2,849.21	1/2	2,545.23	1/2	2,241.26	1/2	1,937.24	1/2	1,633.21	1/2	1,330.04	1/2	1,028.36	1/2	725.52	1/2	421.63	1/2	123.27
3/4		3/4	3,145.22	3/4	2,842.88	3/4	2,538.90	3/4	2,234.93	3/4	1,930.90	3/4	1,626.88	3/4	1,323.83	3/4	1,022.03	3/4	719.22	3/4	415.30	3/4	117.17
3		3	3,138.93	3	2,836.55	3	2,532.56	3	2,228.60	3	1,924.57	3	1,620.54	3	1,317.63	3	1,015.69	3	712.92	3	408.96	3	111.08
1/4		1/4	3,132.64	1/4	2,830.22	1/4	2,526.23	1/4	2,222.26	1/4	1,918.24	1/4	1,614.22	1/4	1,311.43	1/4	1,009.35	1/4	706.62	1/4	402.63	1/4	105.00
1/2		1/2	3,126.34	1/2	2,823.88	1/2	2,519.90	1/2	2,215.93	1/2	1,911.90	1/2	1,607.89	1/2	1,305.23	1/2	1,003.02	1/2	700.31	1/2	396.29	1/2	98.92
3/4		3/4	3,120.05	3/4	2,817.55	3/4	2,513.57	3/4	2,209.60	3/4	1,905.57	3/4	1,601.57	3/4	1,299.03	3/4	996.68	3/4	694.01	3/4	389.96	3/4	92.84
4		4	3,113.76	4	2,811.22	4	2,507.23	4	2,203.26	4	1,899.23	4	1,595.24	4	1,292.84	4	990.35	4	687.70	4	383.62	4	86.76
1/4		1/4	3,107.46	1/4	2,804.88	1/4	2,500.90	1/4	2,196.93	1/4	1,892.90	1/4	1,588.92	1/4	1,286.64	1/4	984.04	1/4	681.37	1/4	377.51	1/4	80.69
1/2		1/2	3,101.17	1/2	2,798.55	1/2	2,494.57	1/2	2,190.59	1/2	1,886.57	1/2	1,582.59	1/2	1,280.44	1/2	977.72	1/2	675.03	1/2	371.39	1/2	74.62
3/4		3/4	3,094.88	3/4	2,792.22	3/4	2,488.23	3/4	2,184.26	3/4	1,880.23	3/4	1,576.27	3/4	1,274.24	3/4	971.41	3/4	668.70	3/4	365.27	3/4	68.55
5		5	3,088.59	5	2,785.88	5	2,481.90	5	2,177.93	5	1,873.90	5	1,569.94	5	1,268.04	5	965.09	5	662.36	5	359.16	5	62.48
1/4		1/4	3,082.29	1/4	2,779.55	1/4	2,475.57	1/4	2,171.59	1/4	1,867.56	1/4	1,563.61	1/4	1,261.84	1/4	958.78	1/4	656.03	1/4	353.04	1/4	56.44
1/2		1/2	3,076.00	1/2	2,773.22	1/2	2,469.23	1/2	2,165.26	1/2	1,861.23	1/2	1,557.28	1/2	1,255.64	1/2	952.47	1/2	649.69	1/2	346.92	1/2	50.40
3/4		3/4	3,069.71	3/4	2,766.89	3/4	2,462.90	3/4	2,158.92	3/4	1,854.90	3/4	1,550.94	3/4	1,249.43	3/4	946.15	3/4	643.36	3/4	340.80	3/4	44.37
6		6	3,063.41	6	2,760.55	6	2,456.57	6	2,152.59	6	1,848.56	6	1,544.61	6	1,243.23	6	939.84	6	637.02	6	334.69	6	38.33
1/4		1/4	3,057.12	1/4	2,754.22	1/4	2,450.24	1/4	2,146.26	1/4	1,842.23	1/4	1,538.27	1/4	1,237.03	1/4	933.54	1/4	630.69	1/4	328.57	1/4	33.16
1/2		1/2	3,050.83	1/2	2,747.89	1/2	2,443.90	1/2	2,139.92	1/2	1,835.90	1/2	1,531.94	1/2	1,230.82	1/2	927.23	1/2	624.35	1/2	322.45	1/2	28.00
3/4		3/4	3,044.54	3/4	2,741.55	3/4	2,437.57	3/4	2,133.59	3/4	1,829.56	3/4	1,525.61	3/4	1,224.62	3/4	920.92	3/4	618.02	3/4	316.34	3/4	22.83
7		7	3,038.24	7	2,735.22	7	2,431.24	7	2,127.25	7	1,823.23	7	1,519.27	7	1,218.42	7	914.62	7	611.68	7	310.22	7	17.67
1/4		1/4	3,031.95	1/4	2,728.89	1/4	2,424.91	1/4	2,120.92	1/4	1,816.89	1/4	1,512.94	1/4	1,212.08	1/4	908.31	1/4	605.35	1/4	304.11	1/4	
1/2		1/2	3,025.66	1/2	2,722.55	1/2	2,418.58	1/2	2,114.59	1/2	1,810.56	1/2	1,506.60	1/2	1,205.75	1/2	902.01	1/2	599.01	1/2	298.00	1/2	
3/4		3/4	3,019.36	3/4	2,716.22	3/4	2,412.26	3/4	2,108.25	3/4	1,804.23	3/4	1,500.27	3/4	1,199.41	3/4	895.70	3/4	592.68	3/4	291.90	3/4	
8		8	3,013.07	8	2,709.89	8	2,405.93	8	2,101.92	8	1,797.89	8	1,493.93	8	1,193.08	8	889.39	8	586.34	8	285.79	8	
1/4		1/4	3,006.78	1/4	2,703.56	1/4	2,399.60	1/4	2,095.59	1/4	1,791.56	1/4	1,487.60	1/4	1,186.74	1/4	883.09	1/4	580.01	1/4	279.68	1/4	
1/2		1/2	3,000.48	1/2	2,697.22	1/2	2,393.27	1/2	2,089.25	1/2	1,785.22	1/2	1,481.27	1/2	1,180.41	1/2	876.78	1/2	573.67	1/2	273.58	1/2	
3/4		3/4	2,994.19	3/4	2,690.89	3/4	2,386.94	3/4	2,082.92	3/4	1,778.89	3/4	1,474.93	3/4	1,174.07	3/4	870.48	3/4	567.34	3/4	267.47	3/4	
9		9	2,987.90	9	2,684.56	9	2,380.61	9	2,076.58	9	1,772.56	9	1,468.60	9	1,167.74	9	864.17	9	561.00	9	261.36	9	
1/4		1/4	2,981.61	1/4	2,678.22	1/4	2,374.28	1/4	2,070.25	1/4	1,766.22	1/4	1,462.26	1/4	1,161.40	1/4	857.87	1/4	554.67	1/4	255.04	1/4	
1/2		1/2	2,975.31	1/2	2,671.89	1/2	2,367.94	1/2	2,066.92	1/2	1,759.89	1/2	1,455.93	1/2	1,155.07	1/2	851.56	1/2	548.33	1/2	248.72	1/2	
3/4		3/4	2,969.02	3/4	2,665.56	3/4	2,361.61	3/4	2,057.58	3/4	1,753.55	3/4	1,449.60	3/4	1,148.73	3/4	845.26	3/4	542.00	3/4	242.39	3/4	
10		10	2,962.73	10	2,659.22	10	2,355.28	10	2,051.25	10	1,747.22	10	1,443.26	10	1,142.40	10	838.96	10	535.66	10	236.07	10	
1/4		1/4	2,956.43	1/4	2,652.89	1/4	2,348.94	1/4	2,044.91	1/4	1,740.89	1/4	1,436.93	1/4	1,136.06	1/4	832.65	1/4	529.33	1/4	229.75	1/4	
1/2		1/2	2,950.14	1/2	2,646.56	1/2	2,342.61	1/2	2,038.58	1/2	1,734.55	1/2	1,430.59	1/2	1,129.73	1/2	826.35	1/2	522.99	1/2	223.44	1/2	
3/4		3/4	2,943.85	3/4	2,640.23	3/4	2,336.27	3/4	2,032.25	3/4	1,728.22	3/4	1,424.26	3/4	1,123.39	3/4	820.05	3/4	516.66	3/4	217.12	3/4	
11		11	2,937.56	11	2,633.89	11	2,329.94	11	2,025.91	11	1,721.88	11	1,417.92	11	1,117.05	11	813.75	11	510.32	11	210.81	11	
1/4		1/4	2,931.26	1/4	2,627.56	1/4	2,323.61	1/4	2,019.58	1/4	1,715.55	1/4	1,411.59	1/4	1,110.72	1/4	807.45	1/4	503.99	1/4	204.50	1/4	
1/2		1/2	2,924.97	1/2	2,621.23	1/2	2,317.27	1/2	2,013.24	1/2	1,709.22	1/2	1,405.26	1/2	1,104.38	1/2	801.14	1/2	497.65	1/2	198.18	1/2	
3/4		3/4	3,210.02	3/4	2,918.68	3/4	2,614.89	3/4	2,310.94	3/4	2,006.91	3/4	1,702.88	3/4	1,398.92	3/4	1,098.05	3/4	794.84	3/4	491.32	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
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GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD.  
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# BARGE "MM 94B" MAGNOLIA BARGE

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-07 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.	IN	10 FT.	IN	11 FT.
0	0	0	0	0	2,909.17	0	2,605.51	0	2,301.65	0	1,997.71	0	1,693.76	0	1,389.88	0	1,089.10	0	796.18	0	497.62	0	198.18
1/4	1/4	1/4	3,194.13	1/4	2,902.88	1/4	2,599.18	1/4	2,295.32	1/4	1,991.37	1/4	1,687.43	1/4	1,383.55	1/4	1,082.77	1/4	790.15	1/4	491.28	1/4	191.86
1/2	1/2	1/2	3,190.44	1/2	2,896.59	1/2	2,592.85	1/2	2,288.99	1/2	1,985.04	1/2	1,681.10	1/2	1,377.22	1/2	1,076.43	1/2	784.12	1/2	484.95	1/2	185.55
3/4	3/4	3/4	3,185.69	3/4	2,890.29	3/4	2,586.52	3/4	2,282.66	3/4	1,978.71	3/4	1,674.76	3/4	1,370.89	3/4	1,070.10	3/4	778.08	3/4	478.62	3/4	179.24
1	1	1	3,180.94	1	2,884.00	1	2,580.19	1	2,276.32	1	1,972.38	1	1,668.43	1	1,364.56	1	1,063.77	1	772.05	1	472.28	1	172.93
1/4	1/4	1/4	3,176.19	1/4	2,877.71	1/4	2,573.85	1/4	2,269.99	1/4	1,966.05	1/4	1,662.10	1/4	1,358.22	1/4	1,057.43	1/4	766.02	1/4	465.95	1/4	166.61
1/2	1/2	1/2	3,171.44	1/2	2,871.42	1/2	2,567.52	1/2	2,263.66	1/2	1,959.71	1/2	1,655.77	1/2	1,351.89	1/2	1,051.10	1/2	759.99	1/2	459.62	1/2	160.30
3/4	3/4	3/4	3,165.64	3/4	2,865.09	3/4	2,561.19	3/4	2,257.33	3/4	1,953.38	3/4	1,649.44	3/4	1,345.69	3/4	1,044.77	3/4	753.96	3/4	453.28	3/4	154.09
2	2	2	3,159.84	2	2,858.76	2	2,554.86	2	2,250.99	2	1,947.05	2	1,643.10	2	1,339.49	2	1,038.43	2	747.93	2	446.95	2	147.88
1/4	1/4	1/4	3,154.03	1/4	2,852.43	1/4	2,548.53	1/4	2,244.66	1/4	1,940.72	1/4	1,636.77	1/4	1,333.29	1/4	1,032.10	1/4	741.90	1/4	440.62	1/4	141.67
1/2	1/2	1/2	3,148.23	1/2	2,846.10	1/2	2,542.20	1/2	2,238.33	1/2	1,934.38	1/2	1,630.44	1/2	1,327.09	1/2	1,025.77	1/2	735.87	1/2	434.28	1/2	135.46
3/4	3/4	3/4	3,141.94	3/4	2,839.76	3/4	2,535.87	3/4	2,232.00	3/4	1,928.05	3/4	1,624.11	3/4	1,320.89	3/4	1,019.70	3/4	729.84	3/4	427.95	3/4	129.37
3	3	3	3,135.65	3	2,833.43	3	2,529.54	3	2,225.67	3	1,921.72	3	1,617.77	3	1,314.69	3	1,013.64	3	723.81	3	421.62	3	123.27
1/4	1/4	1/4	3,129.36	1/4	2,827.10	1/4	2,523.20	1/4	2,219.33	1/4	1,915.39	1/4	1,611.44	1/4	1,308.49	1/4	1,007.57	1/4	717.78	1/4	415.29	1/4	117.18
1/2	1/2	1/2	3,123.06	1/2	2,820.77	1/2	2,516.87	1/2	2,213.00	1/2	1,909.06	1/2	1,605.11	1/2	1,302.29	1/2	1,001.51	1/2	711.74	1/2	408.95	1/2	111.08
3/4	3/4	3/4	3,116.77	3/4	2,814.44	3/4	2,510.54	3/4	2,206.67	3/4	1,902.72	3/4	1,598.79	3/4	1,296.09	3/4	995.44	3/4	705.71	3/4	402.62	3/4	105.00
4	4	4	3,110.48	4	2,808.11	4	2,504.21	4	2,200.34	4	1,896.39	4	1,592.46	4	1,289.89	4	989.38	4	699.68	4	396.29	4	98.92
1/4	1/4	1/4	3,104.19	1/4	2,801.78	1/4	2,497.88	1/4	2,194.00	1/4	1,890.06	1/4	1,586.14	1/4	1,283.69	1/4	983.31	1/4	693.65	1/4	389.95	1/4	92.84
1/2	1/2	1/2	3,097.90	1/2	2,795.45	1/2	2,491.55	1/2	2,187.67	1/2	1,883.73	1/2	1,579.82	1/2	1,277.50	1/2	977.25	1/2	687.61	1/2	383.62	1/2	86.76
3/4	3/4	3/4	3,091.61	3/4	2,789.12	3/4	2,485.22	3/4	2,181.34	3/4	1,877.39	3/4	1,573.50	3/4	1,271.30	3/4	971.21	3/4	681.28	3/4	377.50	3/4	80.69
5	5	5	3,085.32	5	2,782.78	5	2,478.89	5	2,175.01	5	1,871.06	5	1,567.17	5	1,265.10	5	965.17	5	674.95	5	371.38	5	74.62
1/4	1/4	1/4	3,079.03	1/4	2,776.45	1/4	2,472.56	1/4	2,168.68	1/4	1,866.73	1/4	1,560.85	1/4	1,258.91	1/4	959.12	1/4	668.61	1/4	365.26	1/4	68.54
1/2	1/2	1/2	3,072.74	1/2	2,770.12	1/2	2,466.22	1/2	2,162.34	1/2	1,858.40	1/2	1,554.53	1/2	1,252.71	1/2	953.08	1/2	662.28	1/2	359.15	1/2	62.47
3/4	3/4	3/4	3,066.44	3/4	2,763.79	3/4	2,459.89	3/4	2,156.01	3/4	1,852.07	3/4	1,548.19	3/4	1,246.51	3/4	947.04	3/4	655.95	3/4	353.03	3/4	56.43
6	6	6	3,060.15	6	2,757.46	6	2,453.56	6	2,149.68	6	1,845.73	6	1,541.86	6	1,240.31	6	941.00	6	649.61	6	346.91	6	50.40
1/4	1/4	1/4	3,053.86	1/4	2,751.13	1/4	2,447.23	1/4	2,143.35	1/4	1,839.40	1/4	1,535.53	1/4	1,234.11	1/4	934.95	1/4	643.28	1/4	340.79	1/4	44.36
1/2	1/2	1/2	3,047.57	1/2	2,744.80	1/2	2,440.90	1/2	2,137.02	1/2	1,833.07	1/2	1,529.20	1/2	1,227.91	1/2	928.91	1/2	636.95	1/2	334.67	1/2	38.32
3/4	3/4	3/4	3,041.28	3/4	2,738.47	3/4	2,434.57	3/4	2,130.68	3/4	1,826.74	3/4	1,522.87	3/4	1,221.71	3/4	922.88	3/4	630.61	3/4	328.56	3/4	33.16
7	7	7	3,034.99	7	2,732.13	7	2,428.24	7	2,124.35	7	1,820.41	7	1,516.53	7	1,215.50	7	916.84	7	624.28	7	322.44	7	27.99
1/4	1/4	1/4	3,028.70	1/4	2,725.80	1/4	2,421.91	1/4	2,118.02	1/4	1,814.07	1/4	1,510.20	1/4	1,209.30	1/4	910.81	1/4	617.95	1/4	316.32	1/4	22.82
1/2	1/2	1/2	3,022.41	1/2	2,719.47	1/2	2,415.57	1/2	2,111.69	1/2	1,807.74	1/2	1,503.87	1/2	1,203.10	1/2	904.77	1/2	611.61	1/2	310.20	1/2	17.66
3/4	3/4	3/4	3,016.12	3/4	2,713.14	3/4	2,409.25	3/4	2,105.35	3/4	1,801.41	3/4	1,497.54	3/4	1,196.77	3/4	898.74	3/4	605.28	3/4	304.09	3/4	---
8	8	8	3,009.82	8	2,706.81	8	2,402.92	8	2,099.02	8	1,795.08	8	1,491.20	8	1,190.44	8	892.70	8	598.95	8	297.99	8	---
1/4	1/4	1/4	3,003.53	1/4	2,700.48	1/4	2,396.60	1/4	2,092.69	1/4	1,788.74	1/4	1,484.87	1/4	1,184.10	1/4	886.67	1/4	592.61	1/4	291.88	1/4	---
1/2	1/2	1/2	2,997.24	1/2	2,694.15	1/2	2,390.27	1/2	2,086.36	1/2	1,782.41	1/2	1,478.54	1/2	1,177.77	1/2	880.63	1/2	586.28	1/2	285.77	1/2	---
3/4	3/4	3/4	2,990.95	3/4	2,687.82	3/4	2,383.95	3/4	2,080.03	3/4	1,776.08	3/4	1,472.21	3/4	1,171.44	3/4	874.60	3/4	579.95	3/4	279.66	3/4	---
9	9	9	2,984.66	9	2,681.48	9	2,377.62	9	2,073.69	9	1,769.75	9	1,465.87	9	1,165.10	9	868.56	9	573.62	9	273.56	9	---
1/4	1/4	1/4	2,978.37	1/4	2,675.15	1/4	2,371.30	1/4	2,067.36	1/4	1,763.42	1/4	1,459.54	1/4	1,158.77	1/4	862.53	1/4	567.28	1/4	267.45	1/4	---
1/2	1/2	1/2	2,972.08	1/2	2,668.82	1/2	2,364.97	1/2	2,061.03	1/2	1,757.08	1/2	1,453.21	1/2	1,152.44	1/2	856.49	1/2	560.95	1/2	261.34	1/2	---
3/4	3/4	3/4	2,965.79	3/4	2,662.49	3/4	2,358.64	3/4	2,054.70	3/4	1,750.75	3/4	1,446.88	3/4	1,146.10	3/4	850.46	3/4	554.62	3/4	255.02	3/4	---
10	10	10	2,959.50	10	2,656.16	10	2,352.31	10	2,048.36	10	1,744.42	10	1,440.54	10	1,139.77	10	844.43	10	548.28	10	248.70	10	---
1/4	1/4	1/4	2,953.20	1/4	2,649.83	1/4	2,345.98	1/4	2,042.03	1/4	1,738.09	1/4	1,434.21	1/4	1,133.43	1/4	838.39	1/4	541.95	1/4	242.37	1/4	---
1/2	1/2	1/2	2,946.91	1/2	2,643.50	1/2	2,339.65	1/2	2,035.70	1/2	1,731.75	1/2	1,427.88	1/2	1,127.10	1/2	832.36	1/2	535.62	1/2	236.05	1/2	---
3/4	3/4	3/4	2,940.62	3/4	2,637.17	3/4	2,333.31	3/4	2,029.37	3/4	1,725.42	3/4	1,421.55	3/4	1,120.77	3/4	826.33	3/4	529.28	3/4	229.74	3/4	---
11	11	11	2,934.33	11	2,630.84	11	2,326.98	11	2,023.04	11	1,719.09	11	1,415.21	11	1,114.43	11	820.30	11	522.95	11	223.43	11	---
1/4	1/4	1/4	2,928.04	1/4	2,624.50	1/4	2,320.65	1/4	2,016.70	1/4	1,712.76	1/4	1,408.88	1/4	1,108.10	1/4	814.27	1/4	516.62	1/4	217.11	1/4	---
1/2	1/2	1/2	2,921.75	1/2	2,618.17	1/2	2,314.32	1/2	2,010.37	1/2	1,706.43	1/2	1,402.55	1/2	1,101.77	1/2	808.24	1/2	510.28	1/2	210.80	1/2	---
3/4	3/4	3/4	2,915.46	3/4	2,611.84	3/4	2,307.98	3/4	2,004.04	3/4	1,700.09	3/4	1,396.22	3/4	1,095.43	3/4	802.21	3/4	503.95	3/4	204.49	3/4	---

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD.  
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 38'-00" FORWARD OF AFT BULKHEAD.

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PRINTED: 06/24/2013 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box





BARGE "MM 94B" MAGNOLIA BARGE

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-07 1/4"

Table with columns for IN, 0 FT., 1 FT., 2 FT., 3 FT., 4 FT., 5 FT., 6 FT., 7 FT., 8 FT., 9 FT., 10 FT., 11 FT. and rows for 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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. GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 36'-00" FORWARD OF AFT BULKHEAD. GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 38'-00" FORWARD OF AFT BULKHEAD.

STRAPPED: 06/21/2013 CL - SW CALCULATED: 06/21/2013 CL PRINTED: 06/24/2013 SW

CANCELS AND SUPERCEDES ALL PRIOR TO 06/2013

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

[Signature]







# BARGE "MM 94B" MAGNOLIA BARGE

## 4 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-07 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.	IN	10 FT.	IN	11 FT.
0	0	0	2,894.04	0	2,594.92	0	2,295.61	0	1,996.42	0	1,698.49	0	1,401.17	0	1,104.39	0	805.43	0	506.12	0	202.87		
1/4	1/4	3,175.19	1/4	2,887.84	1/4	2,588.69	1/4	2,289.37	1/4	1,990.18	1/4	1,692.32	1/4	1,394.92	1/4	1,098.15	1/4	799.22	1/4	499.83	1/4	196.59	
1/2	1/2	3,171.51	1/2	2,881.64	1/2	2,582.45	1/2	2,283.13	1/2	1,983.94	1/2	1,686.15	1/2	1,388.68	1/2	1,091.90	1/2	793.01	1/2	493.54	1/2	190.31	
3/4	3/4	3,166.79	3/4	2,875.45	3/4	2,576.22	3/4	2,276.89	3/4	1,977.70	3/4	1,679.99	3/4	1,382.44	3/4	1,085.66	3/4	786.79	3/4	487.25	3/4	184.02	
1	1	3,162.06	1	2,869.25	1	2,569.98	1	2,270.66	1	1,971.46	1	1,673.82	1	1,376.19	1	1,079.41	1	780.58	1	480.95	1	177.74	
1/4	1/4	3,157.34	1/4	2,863.05	1/4	2,563.74	1/4	2,264.42	1/4	1,965.22	1/4	1,667.65	1/4	1,369.95	1/4	1,073.16	1/4	774.37	1/4	474.66	1/4	171.46	
1/2	1/2	3,152.61	1/2	2,856.86	1/2	2,557.51	1/2	2,258.18	1/2	1,958.98	1/2	1,661.49	1/2	1,363.71	1/2	1,066.92	1/2	768.16	1/2	468.37	1/2	165.17	
3/4	3/4	3,146.83	3/4	2,850.62	3/4	2,551.27	3/4	2,251.94	3/4	1,952.74	3/4	1,655.32	3/4	1,357.58	3/4	1,060.67	3/4	761.94	3/4	462.08	3/4	158.85	
2	2	3,141.05	2	2,844.38	2	2,545.03	2	2,245.71	2	1,946.50	2	1,649.15	2	1,351.46	2	1,054.42	2	755.73	2	455.78	2	152.53	
1/4	1/4	3,135.28	1/4	2,838.15	1/4	2,538.80	1/4	2,239.47	1/4	1,940.26	1/4	1,642.99	1/4	1,345.34	1/4	1,048.18	1/4	749.52	1/4	449.49	1/4	146.21	
1/2	1/2	3,129.50	1/2	2,831.91	1/2	2,532.56	1/2	2,233.23	1/2	1,934.03	1/2	1,636.82	1/2	1,339.21	1/2	1,041.93	1/2	743.30	1/2	443.20	1/2	139.89	
3/4	3/4	3,123.30	3/4	2,825.68	3/4	2,526.32	3/4	2,227.00	3/4	1,927.79	3/4	1,630.65	3/4	1,333.09	3/4	1,035.69	3/4	737.09	3/4	436.91	3/4	133.54	
3	3	3,117.11	3	2,819.44	3	2,520.09	3	2,220.77	3	1,921.55	3	1,624.49	3	1,326.96	3	1,029.44	3	730.88	3	430.62	3	127.19	
1/4	1/4	3,110.91	1/4	2,813.20	1/4	2,513.85	1/4	2,214.54	1/4	1,915.31	1/4	1,618.32	1/4	1,320.84	1/4	1,023.19	1/4	724.67	1/4	424.33	1/4	120.85	
1/2	1/2	3,104.71	1/2	2,806.97	1/2	2,507.61	1/2	2,208.31	1/2	1,909.07	1/2	1,612.15	1/2	1,314.72	1/2	1,016.95	1/2	718.45	1/2	418.04	1/2	114.50	
3/4	3/4	3,098.52	3/4	2,800.73	3/4	2,501.38	3/4	2,202.08	3/4	1,902.83	3/4	1,606.00	3/4	1,308.60	3/4	1,010.70	3/4	712.24	3/4	411.75	3/4	108.17	
4	4	3,092.32	4	2,794.49	4	2,495.14	4	2,195.85	4	1,896.59	4	1,599.84	4	1,302.49	4	1,004.45	4	706.02	4	405.46	4	101.83	
1/4	1/4	3,086.12	1/4	2,788.26	1/4	2,488.90	1/4	2,189.62	1/4	1,890.35	1/4	1,593.68	1/4	1,296.38	1/4	998.21	1/4	699.81	1/4	399.16	1/4	95.50	
1/2	1/2	3,079.93	1/2	2,782.02	1/2	2,482.67	1/2	2,183.39	1/2	1,884.11	1/2	1,587.52	1/2	1,290.27	1/2	991.96	1/2	693.59	1/2	392.87	1/2	89.17	
3/4	3/4	3,073.73	3/4	2,775.78	3/4	2,476.43	3/4	2,177.16	3/4	1,877.87	3/4	1,581.38	3/4	1,284.16	3/4	985.74	3/4	687.35	3/4	386.52	3/4	82.84	
5	5	3,067.54	5	2,769.55	5	2,470.19	5	2,170.92	5	1,871.64	5	1,575.23	5	1,278.05	5	979.51	5	681.10	5	380.16	5	76.52	
1/4	1/4	3,061.34	1/4	2,763.31	1/4	2,463.96	1/4	2,164.69	1/4	1,865.40	1/4	1,569.08	1/4	1,271.93	1/4	973.29	1/4	674.86	1/4	373.80	1/4	70.20	
1/2	1/2	3,055.14	1/2	2,757.07	1/2	2,457.72	1/2	2,158.46	1/2	1,859.16	1/2	1,562.93	1/2	1,265.82	1/2	967.07	1/2	668.61	1/2	367.45	1/2	63.87	
3/4	3/4	3,048.95	3/4	2,750.84	3/4	2,451.49	3/4	2,152.23	3/4	1,852.97	3/4	1,556.76	3/4	1,259.70	3/4	960.84	3/4	662.36	3/4	361.09	3/4	57.58	
6	6	3,042.75	6	2,744.60	6	2,445.25	6	2,146.00	6	1,846.78	6	1,550.60	6	1,253.57	6	954.62	6	656.12	6	354.73	6	51.29	
1/4	1/4	3,036.55	1/4	2,738.36	1/4	2,439.01	1/4	2,139.77	1/4	1,840.59	1/4	1,544.43	1/4	1,247.45	1/4	948.39	1/4	649.87	1/4	348.37	1/4	45.00	
1/2	1/2	3,030.36	1/2	2,732.13	1/2	2,432.78	1/2	2,133.54	1/2	1,834.41	1/2	1,538.26	1/2	1,241.32	1/2	942.17	1/2	643.63	1/2	342.02	1/2	38.71	
3/4	3/4	3,024.16	3/4	2,725.89	3/4	2,426.54	3/4	2,127.31	3/4	1,828.22	3/4	1,532.08	3/4	1,235.20	3/4	935.95	3/4	637.38	3/4	335.66	3/4	33.43	
7	7	3,017.96	7	2,719.65	7	2,420.30	7	2,121.08	7	1,822.03	7	1,525.90	7	1,229.07	7	929.74	7	631.13	7	329.30	7	28.15	
1/4	1/4	3,011.77	1/4	2,713.42	1/4	2,414.07	1/4	2,114.85	1/4	1,815.84	1/4	1,519.72	1/4	1,222.95	1/4	923.52	1/4	624.89	1/4	322.94	1/4	22.86	
1/2	1/2	3,005.57	1/2	2,707.18	1/2	2,407.83	1/2	2,108.62	1/2	1,809.65	1/2	1,513.54	1/2	1,216.83	1/2	917.30	1/2	618.64	1/2	316.58	1/2	17.58	
3/4	3/4	2,999.37	3/4	2,700.95	3/4	2,401.60	3/4	2,102.39	3/4	1,803.47	3/4	1,507.30	3/4	1,210.58	3/4	911.08	3/4	612.40	3/4	310.23	3/4		
8	8	2,993.18	8	2,694.71	8	2,395.37	8	2,096.16	8	1,797.28	8	1,501.06	8	1,204.33	8	904.87	8	606.15	8	303.88	8		
1/4	1/4	2,986.98	1/4	2,688.47	1/4	2,389.14	1/4	2,089.93	1/4	1,791.09	1/4	1,494.82	1/4	1,198.09	1/4	898.65	1/4	599.90	1/4	297.54	1/4		
1/2	1/2	2,980.79	1/2	2,682.24	1/2	2,382.91	1/2	2,083.70	1/2	1,784.90	1/2	1,488.57	1/2	1,191.84	1/2	892.43	1/2	593.66	1/2	291.19	1/2		
3/4	3/4	2,974.59	3/4	2,676.00	3/4	2,376.68	3/4	2,077.46	3/4	1,778.71	3/4	1,482.33	3/4	1,185.59	3/4	886.22	3/4	587.41	3/4	284.83	3/4		
9	9	2,968.39	9	2,669.76	9	2,370.44	9	2,071.23	9	1,772.53	9	1,476.09	9	1,179.35	9	880.00	9	581.17	9	278.47	9		
1/4	1/4	2,962.20	1/4	2,663.53	1/4	2,364.21	1/4	2,065.00	1/4	1,766.34	1/4	1,469.84	1/4	1,173.10	1/4	873.78	1/4	574.92	1/4	272.11	1/4		
1/2	1/2	2,956.00	1/2	2,657.29	1/2	2,357.98	1/2	2,058.77	1/2	1,760.15	1/2	1,463.60	1/2	1,166.86	1/2	867.57	1/2	568.68	1/2	265.75	1/2		
3/4	3/4	2,949.80	3/4	2,651.05	3/4	2,351.74	3/4	2,052.54	3/4	1,753.98	3/4	1,457.36	3/4	1,160.61	3/4	861.35	3/4	562.43	3/4	259.46	3/4		
10	10	2,943.61	10	2,644.82	10	2,344.51	10	2,046.31	10	1,747.82	10	1,451.11	10	1,154.36	10	855.14	10	556.18	10	253.16	10		
1/4	1/4	2,937.41	1/4	2,638.58	1/4	2,339.27	1/4	2,040.08	1/4	1,741.65	1/4	1,444.87	1/4	1,148.12	1/4	848.92	1/4	549.94	1/4	246.87	1/4		
1/2	1/2	2,931.21	1/2	2,632.34	1/2	2,333.03	1/2	2,033.85	1/2	1,735.48	1/2	1,438.63	1/2	1,141.87	1/2	842.71	1/2	543.69	1/2	240.57	1/2		
3/4	3/4	2,925.02	3/4	2,626.11	3/4	2,326.79	3/4	2,027.61	3/4	1,729.32	3/4	1,432.38	3/4	1,135.62	3/4	836.50	3/4	537.45	3/4	234.29	3/4		
11	11	2,918.82	11	2,619.87	11	2,320.56	11	2,021.37	11	1,723.15	11	1,426.14	11	1,129.38	11	830.28	11	531.20	11	228.01	11		
1/4	1/4	2,912.63	1/4	2,613.63	1/4	2,314.32	1/4	2,015.13	1/4	1,716.98	1/4	1,419.90	1/4	1,123.13	1/4	824.07	1/4	524.95	1/4	221.73	1/4		
1/2	1/2	2,906.43	1/2	2,607.40	1/2	2,308.08	1/2	2,008.89	1/2	1,710.82	1/2	1,413.65	1/2	1,116.89	1/2	817.86	1/2	518.71	1/2	215.44	1/2		
3/4	3/4	2,900.23	3/4	2,601.16	3/4	2,301.84	3/4	2,002.65	3/4	1,704.65	3/4	1,407.41	3/4	1,110.64	3/4	811.65	3/4	512.42	3/4	209.16	3/4		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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.

GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 47'-06" FORWARD OF AFT BULKHEAD.  
GAUGE POINT: (8" HATCH) LOCATED 12'-09" OFF CENTERLINE AND 49'-06" FORWARD OF AFT BULKHEAD.

STRAPPED: 06/21/2013 CL - SW  
CALCULATED: 06/21/2013 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2013

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