



BARGE "EMS 3008"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 264'-03"

August 20, 2015

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

<http://www.pmacorp.net>



BARGE "EMS 3008"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-00 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,672.53	0	4,038.94	0	4,405.10	0	4,769.80	0		0		0		0		0		0	
1/4	3,680.16	1/4	4,046.58	1/4	4,412.70	1/4	4,777.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,687.80	1/2	4,054.21	1/2	4,420.30	1/2	4,784.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.43	3/4	4,061.85	3/4	4,427.89	3/4	4,792.44	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,703.06	1	4,069.48	1	4,435.49	1	4,799.99	1		1		1		1		1		1	
1/4	3,710.70	1/4	4,077.09	1/4	4,443.09	1/4	4,807.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,718.33	1/2	4,084.71	1/2	4,450.69	1/2	4,815.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,725.97	3/4	4,092.32	3/4	4,458.28	3/4	4,822.60	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,733.60	2	4,099.93	2	4,465.88	2	4,830.13	2		2		2		2		2		2	
1/4	3,741.23	1/4	4,107.54	1/4	4,473.48	1/4	4,837.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.87	1/2	4,115.15	1/2	4,481.08	1/2	4,845.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,756.50	3/4	4,122.76	3/4	4,488.67	3/4	4,852.74	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,764.13	3	4,130.37	3	4,496.27	3	4,860.27	3		3		3		3		3		3	
1/4	3,771.77	1/4	4,137.98	1/4	4,503.87	1/4	4,867.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,779.40	1/2	4,145.60	1/2	4,511.47	1/2	4,875.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,787.04	3/4	4,153.21	3/4	4,519.06	3/4	4,882.56	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,794.67	4	4,160.82	4	4,526.66	4	4,889.99	4		4		4		4		4		4	
1/4	3,802.30	1/4	4,168.45	1/4	4,534.26	1/4	4,896.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,809.94	1/2	4,176.09	1/2	4,541.86	1/2	4,903.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,817.57	3/4	4,183.72	3/4	4,549.46	3/4	4,910.74	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,825.20	5	4,191.35	5	4,557.06	5	4,917.65	5		5		5		5		5		5	
1/4	3,832.84	1/4	4,198.99	1/4	4,564.66	1/4	4,923.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,840.47	1/2	4,206.62	1/2	4,572.26	1/2	4,929.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,848.11	3/4	4,214.26	3/4	4,579.85	3/4	4,935.86	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,855.74	6	4,221.89	6	4,587.45	6	4,941.93	6		6		6		6		6		6	
1/4	3,863.37	1/4	4,229.52	1/4	4,595.05	1/4	4,947.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,871.01	1/2	4,237.16	1/2	4,602.65	1/2	4,952.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,878.64	3/4	4,244.79	3/4	4,610.24	3/4	4,957.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,886.27	7	4,252.42	7	4,617.84	7	4,962.81	7		7		7		7		7		7	
1/4	3,893.91	1/4	4,260.06	1/4	4,625.44	1/4	4,967.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.54	1/2	4,267.69	1/2	4,633.04	1/2	4,971.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,909.18	3/4	4,275.33	3/4	4,640.63	3/4	4,975.92	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,916.81	8	4,282.96	8	4,648.23	8	4,980.29	8		8		8		8		8		8	
1/4	3,924.44	1/4	4,290.59	1/4	4,655.83	1/4	4,984.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,932.08	1/2	4,298.23	1/2	4,663.43	1/2	4,987.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,939.71	3/4	4,305.86	3/4	4,671.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,947.34	9	4,313.49	9	4,678.62	9		9		9		9		9		9		9	
1/4	3,954.97	1/4	4,321.13	1/4	4,686.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,962.61	1/2	4,328.76	1/2	4,693.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.24	3/4	4,336.40	3/4	4,701.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,977.87	10	4,344.03	10	4,709.01	10		10		10		10		10		10		10	
1/4	3,985.51	1/4	4,351.66	1/4	4,716.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,993.14	1/2	4,359.30	1/2	4,724.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,000.78	3/4	4,366.93	3/4	4,731.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,008.41	11	4,374.56	11	4,739.41	11		11		11		11		11		11		11	
1/4	4,016.04	1/4	4,382.20	1/4	4,747.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,023.68	1/2	4,389.83	1/2	4,754.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,031.31	3/4	4,397.47	3/4	4,762.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "EMS 3008"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-00"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,689.58	0	4,057.69	0	4,425.52	0	4,791.91	0		0		0		0		0		0	
1/4	3,697.25	1/4	4,065.36	1/4	4,433.16	1/4	4,799.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,704.92	1/2	4,073.03	1/2	4,440.79	1/2	4,807.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,712.59	3/4	4,080.69	3/4	4,448.43	3/4	4,814.67	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,720.26	1	4,088.36	1	4,456.06	1	4,822.25	1		1		1		1		1		1	
1/4	3,727.93	1/4	4,096.01	1/4	4,463.69	1/4	4,829.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,735.60	1/2	4,103.66	1/2	4,471.33	1/2	4,837.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.26	3/4	4,111.30	3/4	4,478.96	3/4	4,844.95	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,750.93	2	4,118.95	2	4,486.59	2	4,852.52	2		2		2		2		2		2	
1/4	3,758.60	1/4	4,126.60	1/4	4,494.22	1/4	4,860.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.27	1/2	4,134.25	1/2	4,501.86	1/2	4,867.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,773.94	3/4	4,141.89	3/4	4,509.49	3/4	4,875.23	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,781.61	3	4,149.54	3	4,517.12	3	4,882.80	3		3		3		3		3		3	
1/4	3,789.28	1/4	4,157.19	1/4	4,524.75	1/4	4,890.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.95	1/2	4,164.83	1/2	4,532.39	1/2	4,897.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,804.61	3/4	4,172.48	3/4	4,540.02	3/4	4,905.12	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,812.28	4	4,180.12	4	4,547.65	4	4,912.56	4		4		4		4		4		4	
1/4	3,819.95	1/4	4,187.79	1/4	4,555.28	1/4	4,919.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.62	1/2	4,195.46	1/2	4,562.92	1/2	4,926.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.29	3/4	4,203.13	3/4	4,570.55	3/4	4,933.48	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,842.96	5	4,210.80	5	4,578.18	5	4,940.45	5		5		5		5		5		5	
1/4	3,850.63	1/4	4,218.47	1/4	4,585.82	1/4	4,946.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.30	1/2	4,226.14	1/2	4,593.45	1/2	4,952.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.96	3/4	4,233.80	3/4	4,601.09	3/4	4,958.74	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,873.63	6	4,241.47	6	4,608.72	6	4,964.84	6		6		6		6		6		6	
1/4	3,881.30	1/4	4,249.14	1/4	4,616.35	1/4	4,970.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.97	1/2	4,256.81	1/2	4,623.99	1/2	4,975.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,896.64	3/4	4,264.48	3/4	4,631.62	3/4	4,980.58	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,904.31	7	4,272.15	7	4,639.25	7	4,985.82	7		7		7		7		7		7	
1/4	3,911.98	1/4	4,279.82	1/4	4,646.88	1/4	4,990.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,919.65	1/2	4,287.49	1/2	4,654.52	1/2	4,994.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,927.32	3/4	4,295.15	3/4	4,662.15	3/4	4,998.99	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,934.99	8	4,302.82	8	4,669.78	8	5,003.38	8		8		8		8		8		8	
1/4	3,942.66	1/4	4,310.49	1/4	4,677.41	1/4	5,007.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,950.33	1/2	4,318.16	1/2	4,685.05	1/2	5,010.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,957.99	3/4	4,325.83	3/4	4,692.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,965.66	9	4,333.50	9	4,700.31	9		9		9		9		9		9		9	
1/4	3,973.33	1/4	4,341.17	1/4	4,707.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,981.00	1/2	4,348.84	1/2	4,715.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,988.67	3/4	4,356.50	3/4	4,723.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,996.34	10	4,364.17	10	4,730.84	10		10		10		10		10		10		10	
1/4	4,004.01	1/4	4,371.84	1/4	4,738.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,011.68	1/2	4,379.51	1/2	4,746.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,019.34	3/4	4,387.18	3/4	4,753.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,027.01	11	4,394.85	11	4,761.38	11		11		11		11		11		11		11	
1/4	4,034.68	1/4	4,402.52	1/4	4,769.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,042.35	1/2	4,410.19	1/2	4,776.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,050.02	3/4	4,417.85	3/4	4,784.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

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ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "EMS 3008"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-00"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,716.01	0	4,086.93	0	4,457.59	0	4,826.79	0		0		0		0		0		0	
1/4	3,723.74	1/4	4,094.66	1/4	4,465.28	1/4	4,834.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,731.47	1/2	4,102.39	1/2	4,472.98	1/2	4,842.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,739.19	3/4	4,110.11	3/4	4,480.67	3/4	4,849.72	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,746.92	1	4,117.84	1	4,488.36	1	4,857.36	1		1		1		1		1		1	
1/4	3,754.65	1/4	4,125.55	1/4	4,496.05	1/4	4,864.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,762.38	1/2	4,133.26	1/2	4,503.74	1/2	4,872.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,770.10	3/4	4,140.96	3/4	4,511.43	3/4	4,880.24	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,777.83	2	4,148.67	2	4,519.12	2	4,887.87	2		2		2		2		2		2	
1/4	3,785.56	1/4	4,156.38	1/4	4,526.81	1/4	4,895.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.29	1/2	4,164.08	1/2	4,534.51	1/2	4,903.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,801.01	3/4	4,171.79	3/4	4,542.20	3/4	4,910.76	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,808.74	3	4,179.49	3	4,549.89	3	4,918.39	3		3		3		3		3		3	
1/4	3,816.47	1/4	4,187.20	1/4	4,557.58	1/4	4,925.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.20	1/2	4,194.90	1/2	4,565.28	1/2	4,933.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,831.92	3/4	4,202.61	3/4	4,572.97	3/4	4,940.96	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,839.65	4	4,210.31	4	4,580.66	4	4,948.48	4		4		4		4		4		4	
1/4	3,847.38	1/4	4,218.04	1/4	4,588.35	1/4	4,955.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.11	1/2	4,225.77	1/2	4,596.04	1/2	4,962.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,862.83	3/4	4,233.49	3/4	4,603.73	3/4	4,969.49	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,870.56	5	4,241.22	5	4,611.42	5	4,976.49	5		5		5		5		5		5	
1/4	3,878.29	1/4	4,248.95	1/4	4,619.11	1/4	4,982.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,886.02	1/2	4,256.68	1/2	4,626.81	1/2	4,988.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,893.74	3/4	4,264.40	3/4	4,634.50	3/4	4,994.92	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,901.47	6	4,272.13	6	4,642.19	6	5,001.06	6		6		6		6		6		6	
1/4	3,909.20	1/4	4,279.86	1/4	4,649.88	1/4	5,006.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,916.93	1/2	4,287.59	1/2	4,657.58	1/2	5,011.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,924.65	3/4	4,295.31	3/4	4,665.27	3/4	5,016.92	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,932.38	7	4,303.04	7	4,672.96	7	5,022.20	7		7		7		7		7		7	
1/4	3,940.11	1/4	4,310.77	1/4	4,680.65	1/4	5,026.63	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,947.84	1/2	4,318.50	1/2	4,688.34	1/2	5,031.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,955.56	3/4	4,326.22	3/4	4,696.03	3/4	5,035.48	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,963.29	8	4,333.95	8	4,703.72	8	5,039.91	8		8		8		8		8		8	
1/4	3,971.02	1/4	4,341.68	1/4	4,711.41	1/4	5,043.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,978.75	1/2	4,349.41	1/2	4,719.11	1/2	5,047.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,986.47	3/4	4,357.13	3/4	4,726.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,994.20	9	4,364.86	9	4,734.49	9		9		9		9		9		9		9	
1/4	4,001.93	1/4	4,372.59	1/4	4,742.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,009.66	1/2	4,380.32	1/2	4,749.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,017.38	3/4	4,388.04	3/4	4,757.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,025.11	10	4,395.77	10	4,765.26	10		10		10		10		10		10		10	
1/4	4,032.84	1/4	4,403.50	1/4	4,772.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,040.57	1/2	4,411.23	1/2	4,780.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,048.29	3/4	4,418.95	3/4	4,788.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,056.02	11	4,426.68	11	4,796.02	11		11		11		11		11		11		11	
1/4	4,063.75	1/4	4,434.41	1/4	4,803.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,071.48	1/2	4,442.14	1/2	4,811.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,079.20	3/4	4,449.86	3/4	4,819.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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



BARGE "EMS 3008"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,718.88	0	4,089.90	0	4,460.66	0	4,860.55	0		0		0		0		0		0	
1/4	3,726.61	1/4	4,097.63	1/4	4,468.36	1/4	4,868.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.34	1/2	4,105.36	1/2	4,476.05	1/2	4,875.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,742.07	3/4	4,113.09	3/4	4,483.75	3/4	4,883.44	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,749.80	1	4,120.82	1	4,491.44	1	4,891.07	1		1		1		1		1		1	
1/4	3,757.53	1/4	4,128.53	1/4	4,506.83	1/4	4,898.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,765.26	1/2	4,136.24	1/2	4,522.22	1/2	4,906.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,772.98	3/4	4,143.94	3/4	4,537.60	3/4	4,913.96	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,780.71	2	4,151.65	2	4,552.99	2	4,921.59	2		2		2		2		2		2	
1/4	3,788.44	1/4	4,159.36	1/4	4,560.69	1/4	4,929.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.17	1/2	4,167.07	1/2	4,568.38	1/2	4,936.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,803.90	3/4	4,174.77	3/4	4,576.08	3/4	4,944.17	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,811.63	3	4,182.48	3	4,583.77	3	4,951.69	3		3		3		3		3		3	
1/4	3,819.36	1/4	4,190.19	1/4	4,591.46	1/4	4,958.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.09	1/2	4,197.90	1/2	4,599.16	1/2	4,965.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,834.82	3/4	4,205.60	3/4	4,606.85	3/4	4,972.71	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,842.55	4	4,213.31	4	4,614.54	4	4,979.71	4		4		4		4		4		4	
1/4	3,850.28	1/4	4,221.04	1/4	4,622.24	1/4	4,985.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.01	1/2	4,228.77	1/2	4,629.93	1/2	4,992.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.74	3/4	4,236.50	3/4	4,637.63	3/4	4,998.15	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,873.47	5	4,244.23	5	4,645.32	5	5,004.29	5		5		5		5		5		5	
1/4	3,881.20	1/4	4,251.96	1/4	4,653.01	1/4	5,009.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,888.93	1/2	4,259.69	1/2	4,660.71	1/2	5,014.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,896.66	3/4	4,267.42	3/4	4,668.40	3/4	5,020.15	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,904.39	6	4,275.15	6	4,676.09	6	5,025.44	6		6		6		6		6		6	
1/4	3,912.12	1/4	4,282.88	1/4	4,683.79	1/4	5,029.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,919.85	1/2	4,290.61	1/2	4,691.48	1/2	5,034.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,927.58	3/4	4,298.34	3/4	4,699.18	3/4	5,038.72	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,935.31	7	4,306.07	7	4,706.87	7	5,043.15	7		7		7		7		7		7	
1/4	3,943.04	1/4	4,313.80	1/4	4,714.56	1/4	5,046.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,950.77	1/2	4,321.53	1/2	4,722.26	1/2	5,050.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,958.50	3/4	4,329.26	3/4	4,729.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,966.23	8	4,336.99	8	4,737.64	8		8		8		8		8		8		8	
1/4	3,973.96	1/4	4,344.72	1/4	4,745.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,981.69	1/2	4,352.45	1/2	4,753.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,989.42	3/4	4,360.18	3/4	4,760.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,997.15	9	4,367.91	9	4,768.42	9		9		9		9		9		9		9	
1/4	4,004.88	1/4	4,375.64	1/4	4,776.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,012.61	1/2	4,383.37	1/2	4,783.81	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,020.33	3/4	4,391.10	3/4	4,791.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,028.06	10	4,398.83	10	4,799.20	10		10		10		10		10		10		10	
1/4	4,035.79	1/4	4,406.56	1/4	4,806.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,043.52	1/2	4,414.29	1/2	4,814.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,051.25	3/4	4,422.01	3/4	4,822.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,058.98	11	4,429.74	11	4,829.97	11		11		11		11		11		11		11	
1/4	4,066.71	1/4	4,437.47	1/4	4,837.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,074.44	1/2	4,445.20	1/2	4,845.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,082.17	3/4	4,452.93	3/4	4,852.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "EMS 3008"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,567.66	0	3,796.12	0	4,024.32	0	4,251.78	0		0		0		0		0		0	
1/4	3,572.42	1/4	3,800.88	1/4	4,029.06	1/4	4,256.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,577.18	1/2	3,805.64	1/2	4,033.80	1/2	4,261.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,581.94	3/4	3,810.40	3/4	4,038.54	3/4	4,265.97	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,586.70	1	3,815.16	1	4,043.28	1	4,270.70	1		1		1		1		1		1	
1/4	3,591.46	1/4	3,819.90	1/4	4,048.02	1/4	4,275.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,596.22	1/2	3,824.64	1/2	4,052.76	1/2	4,280.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.97	3/4	3,829.37	3/4	4,057.49	3/4	4,284.85	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,605.73	2	3,834.11	2	4,062.23	2	4,289.57	2		2		2		2		2		2	
1/4	3,610.49	1/4	3,838.85	1/4	4,066.97	1/4	4,294.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,615.25	1/2	3,843.59	1/2	4,071.71	1/2	4,299.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,620.01	3/4	3,848.32	3/4	4,076.45	3/4	4,303.73	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,624.77	3	3,853.06	3	4,081.19	3	4,308.45	3		3		3		3		3		3	
1/4	3,629.53	1/4	3,857.80	1/4	4,085.93	1/4	4,313.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,634.29	1/2	3,862.54	1/2	4,090.67	1/2	4,317.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,639.05	3/4	3,867.27	3/4	4,095.40	3/4	4,322.61	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,643.81	4	3,872.01	4	4,100.14	4	4,327.33	4		4		4		4		4		4	
1/4	3,648.57	1/4	3,876.77	1/4	4,104.88	1/4	4,331.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,653.33	1/2	3,881.53	1/2	4,109.62	1/2	4,336.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,658.09	3/4	3,886.29	3/4	4,114.36	3/4	4,340.73	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,662.85	5	3,891.05	5	4,119.10	5	4,345.20	5		5		5		5		5		5	
1/4	3,667.61	1/4	3,895.81	1/4	4,123.84	1/4	4,349.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,672.37	1/2	3,900.57	1/2	4,128.58	1/2	4,353.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.13	3/4	3,905.33	3/4	4,133.31	3/4	4,357.01	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,681.89	6	3,910.09	6	4,138.05	6	4,360.95	6		6		6		6		6		6	
1/4	3,686.65	1/4	3,914.85	1/4	4,142.79	1/4	4,364.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,691.41	1/2	3,919.61	1/2	4,147.53	1/2	4,367.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.17	3/4	3,924.37	3/4	4,152.26	3/4	4,371.17	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,700.93	7	3,929.13	7	4,157.00	7	4,374.58	7		7		7		7		7		7	
1/4	3,705.69	1/4	3,933.89	1/4	4,161.74	1/4	4,377.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,710.45	1/2	3,938.65	1/2	4,166.48	1/2	4,380.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715.21	3/4	3,943.41	3/4	4,171.22	3/4	4,383.22	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,719.97	8	3,948.17	8	4,175.96	8	4,386.10	8		8		8		8		8		8	
1/4	3,724.73	1/4	3,951.74	1/4	4,180.70	1/4	4,388.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.49	1/2	3,955.31	1/2	4,185.44	1/2	4,390.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,734.25	3/4	3,958.88	3/4	4,190.17	3/4	4,393.15	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,739.01	9	3,962.45	9	4,194.91	9		9		9		9		9		9		9	
1/4	3,743.77	1/4	3,966.40	1/4	4,199.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.53	1/2	3,974.35	1/2	4,204.39	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.28	3/4	3,980.29	3/4	4,209.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,758.04	10	3,986.24	10	4,213.87	10		10		10		10		10		10		10	
1/4	3,762.80	1/4	3,991.00	1/4	4,218.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.56	1/2	3,995.76	1/2	4,223.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,772.32	3/4	4,000.52	3/4	4,228.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,777.08	11	4,005.28	11	4,232.82	11		11		11		11		11		11		11	
1/4	3,781.84	1/4	4,010.04	1/4	4,237.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.60	1/2	4,014.80	1/2	4,242.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,791.36	3/4	4,019.56	3/4	4,247.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "EMS 3008"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,587.81	0	3,817.56	0	4,047.05	0	4,275.79	0		0		0		0		0		0	
1/4	3,592.60	1/4	3,822.35	1/4	4,051.81	1/4	4,280.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,597.39	1/2	3,827.13	1/2	4,056.58	1/2	4,285.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,602.17	3/4	3,831.92	3/4	4,061.34	3/4	4,290.05	3/4		3/4		3/4		3/4		3/4		3/4	
1	3,606.96	1	3,836.71	1	4,066.11	1	4,294.81	1		1		1		1		1		1	
1/4	3,611.75	1/4	3,841.47	1/4	4,070.87	1/4	4,299.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,616.53	1/2	3,846.23	1/2	4,075.64	1/2	4,304.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,621.32	3/4	3,851.00	3/4	4,080.40	3/4	4,309.05	3/4		3/4		3/4		3/4		3/4		3/4	
2	3,626.11	2	3,855.76	2	4,085.17	2	4,313.80	2		2		2		2		2		2	
1/4	3,630.89	1/4	3,860.52	1/4	4,089.93	1/4	4,318.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,635.68	1/2	3,865.29	1/2	4,094.70	1/2	4,323.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,640.46	3/4	3,870.05	3/4	4,099.46	3/4	4,328.03	3/4		3/4		3/4		3/4		3/4		3/4	
3	3,645.25	3	3,874.82	3	4,104.23	3	4,332.78	3		3		3		3		3		3	
1/4	3,650.04	1/4	3,879.58	1/4	4,108.99	1/4	4,337.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,654.82	1/2	3,884.35	1/2	4,113.76	1/2	4,342.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,659.61	3/4	3,889.11	3/4	4,118.52	3/4	4,347.02	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,664.40	4	3,893.88	4	4,123.29	4	4,351.77	4		4		4		4		4		4	
1/4	3,669.18	1/4	3,898.67	1/4	4,128.06	1/4	4,356.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,673.97	1/2	3,903.45	1/2	4,132.82	1/2	4,360.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,678.75	3/4	3,908.24	3/4	4,137.59	3/4	4,365.25	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,683.54	5	3,913.03	5	4,142.36	5	4,369.74	5		5		5		5		5		5	
1/4	3,688.33	1/4	3,917.81	1/4	4,147.12	1/4	4,373.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,693.11	1/2	3,922.60	1/2	4,151.89	1/2	4,377.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,697.90	3/4	3,927.38	3/4	4,156.65	3/4	4,381.62	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,702.69	6	3,932.17	6	4,161.42	6	4,385.58	6		6		6		6		6		6	
1/4	3,707.47	1/4	3,936.96	1/4	4,166.18	1/4	4,389.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,712.26	1/2	3,941.74	1/2	4,170.95	1/2	4,392.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,717.04	3/4	3,946.53	3/4	4,175.71	3/4	4,395.86	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,721.83	7	3,951.32	7	4,180.48	7	4,399.29	7		7		7		7		7		7	
1/4	3,726.62	1/4	3,956.10	1/4	4,185.24	1/4	4,402.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,731.40	1/2	3,960.89	1/2	4,190.01	1/2	4,405.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.19	3/4	3,965.67	3/4	4,194.77	3/4	4,407.98	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,740.98	8	3,970.46	8	4,199.54	8	4,410.87	8		8		8		8		8		8	
1/4	3,745.76	1/4	3,975.25	1/4	4,204.30	1/4	4,411.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,750.55	1/2	3,980.03	1/2	4,209.07	1/2	4,412.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,755.33	3/4	3,984.82	3/4	4,213.83	3/4	4,413.91	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,760.12	9	3,989.61	9	4,218.60	9	4,414.92	9		9		9		9		9		9	
1/4	3,764.91	1/4	3,994.39	1/4	4,223.37	1/4	4,415.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,769.69	1/2	3,999.18	1/2	4,228.13	1/2	4,416.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.48	3/4	4,003.96	3/4	4,232.90	3/4	4,417.96	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,779.27	10	4,008.75	10	4,237.67	10		10		10		10		10		10		10	
1/4	3,784.06	1/4	4,013.54	1/4	4,242.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,788.84	1/2	4,018.32	1/2	4,247.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,793.63	3/4	4,023.11	3/4	4,251.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,798.42	11	4,027.90	11	4,256.73	11		11		11		11		11		11		11	
1/4	3,803.20	1/4	4,032.69	1/4	4,261.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.99	1/2	4,037.47	1/2	4,266.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,812.77	3/4	4,042.26	3/4	4,271.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
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BARGE "EMS 3008"

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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
3 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 264'-03"

August 20, 2015

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

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BARGE "EMS 3008"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,420.42	0	2,053.88	0	1,687.34	0	1,320.81	0	954.27	0	587.94	0	221.47	0		0		0	
1/4	2,412.78	1/4	2,046.24	1/4	1,679.70	1/4	1,313.17	1/4	946.63	1/4	580.31	1/4	213.83	1/4		1/4		1/4	
1/2	2,405.15	1/2	2,038.61	1/2	1,672.07	1/2	1,305.53	1/2	938.99	1/2	572.68	1/2	206.19	1/2		1/2		1/2	
3/4	2,397.51	3/4	2,030.97	3/4	1,664.43	3/4	1,297.90	3/4	931.36	3/4	565.05	3/4	198.56	3/4		3/4		3/4	
1	2,389.88	1	2,023.34	1	1,656.80	1	1,290.26	1	923.72	1	557.42	1	190.92	1		1		1	
1/4	2,382.24	1/4	2,015.70	1/4	1,649.16	1/4	1,282.62	1/4	916.08	1/4	549.79	1/4	183.28	1/4		1/4		1/4	
1/2	2,374.60	1/2	2,008.06	1/2	1,641.53	1/2	1,274.99	1/2	908.45	1/2	542.15	1/2	175.65	1/2		1/2		1/2	
3/4	2,366.97	3/4	2,000.43	3/4	1,633.89	3/4	1,267.35	3/4	900.81	3/4	534.52	3/4	168.01	3/4		3/4		3/4	
2	2,359.33	2	1,992.79	2	1,626.26	2	1,259.72	2	893.18	2	526.89	2	160.38	2		2		2	
1/4	2,351.69	1/4	1,985.15	1/4	1,618.62	1/4	1,252.08	1/4	885.54	1/4	519.26	1/4	152.75	1/4		1/4		1/4	
1/2	2,344.06	1/2	1,977.52	1/2	1,610.98	1/2	1,244.44	1/2	877.91	1/2	511.62	1/2	145.12	1/2		1/2		1/2	
3/4	2,336.42	3/4	1,969.88	3/4	1,603.35	3/4	1,236.81	3/4	870.27	3/4	503.99	3/4	137.50	3/4		3/4		3/4	
3	2,328.79	3	1,962.25	3	1,595.71	3	1,229.17	3	862.64	3	496.36	3	129.87	3		3		3	
1/4	2,321.15	1/4	1,954.61	1/4	1,588.07	1/4	1,221.53	1/4	855.00	1/4	488.72	1/4	122.25	1/4		1/4		1/4	
1/2	2,313.51	1/2	1,946.97	1/2	1,580.44	1/2	1,213.90	1/2	847.37	1/2	481.09	1/2	114.63	1/2		1/2		1/2	
3/4	2,305.88	3/4	1,939.34	3/4	1,572.80	3/4	1,206.26	3/4	839.73	3/4	473.45	3/4	107.02	3/4		3/4		3/4	
4	2,298.24	4	1,931.70	4	1,565.17	4	1,198.63	4	832.10	4	465.82	4	99.40	4		4		4	
1/4	2,290.60	1/4	1,924.06	1/4	1,557.51	1/4	1,190.99	1/4	824.47	1/4	458.18	1/4	91.78	1/4		1/4		1/4	
1/2	2,282.97	1/2	1,916.43	1/2	1,549.84	1/2	1,183.35	1/2	816.83	1/2	450.54	1/2	84.16	1/2		1/2		1/2	
3/4	2,275.33	3/4	1,908.79	3/4	1,542.18	3/4	1,175.72	3/4	809.20	3/4	442.91	3/4	76.54	3/4		3/4		3/4	
5	2,267.70	5	1,901.16	5	1,534.52	5	1,168.08	5	801.57	5	435.27	5	68.92	5		5		5	
1/4	2,260.06	1/4	1,893.52	1/4	1,526.91	1/4	1,160.44	1/4	793.94	1/4	427.63	1/4	61.57	1/4		1/4		1/4	
1/2	2,252.42	1/2	1,885.88	1/2	1,519.30	1/2	1,152.81	1/2	786.31	1/2	420.00	1/2	54.21	1/2		1/2		1/2	
3/4	2,244.79	3/4	1,878.25	3/4	1,511.69	3/4	1,145.17	3/4	778.69	3/4	412.36	3/4	46.86	3/4		3/4		3/4	
6	2,237.15	6	1,870.61	6	1,504.08	6	1,137.54	6	771.06	6	404.73	6	39.51	6		6		6	
1/4	2,229.51	1/4	1,862.98	1/4	1,496.44	1/4	1,129.90	1/4	763.43	1/4	397.09	1/4	34.05	1/4		1/4		1/4	
1/2	2,221.88	1/2	1,855.34	1/2	1,488.80	1/2	1,122.26	1/2	755.80	1/2	389.46	1/2	28.60	1/2		1/2		1/2	
3/4	2,214.24	3/4	1,847.71	3/4	1,481.17	3/4	1,114.63	3/4	748.17	3/4	381.82	3/4	23.14	3/4		3/4		3/4	
7	2,206.61	7	1,840.07	7	1,473.53	7	1,106.99	7	740.54	7	374.19	7	17.69	7		7		7	
1/4	2,198.97	1/4	1,832.43	1/4	1,465.89	1/4	1,099.35	1/4	732.91	1/4	366.55	1/4		1/4		1/4		1/4	
1/2	2,191.33	1/2	1,824.80	1/2	1,458.26	1/2	1,091.72	1/2	725.28	1/2	358.91	1/2		1/2		1/2		1/2	
3/4	2,183.70	3/4	1,817.16	3/4	1,450.62	3/4	1,084.08	3/4	717.65	3/4	351.28	3/4		3/4		3/4		3/4	
8	2,176.06	8	1,809.52	8	1,442.99	8	1,076.45	8	710.02	8	343.64	8		8		8		8	
1/4	2,168.42	1/4	1,801.88	1/4	1,435.35	1/4	1,068.81	1/4	702.39	1/4	336.00	1/4		1/4		1/4		1/4	
1/2	2,160.79	1/2	1,794.25	1/2	1,427.71	1/2	1,061.17	1/2	694.76	1/2	328.37	1/2		1/2		1/2		1/2	
3/4	2,153.15	3/4	1,786.61	3/4	1,420.08	3/4	1,053.54	3/4	687.13	3/4	320.73	3/4		3/4		3/4		3/4	
9	2,145.52	9	1,778.98	9	1,412.44	9	1,045.90	9	679.50	9	313.10	9		9		9		9	
1/4	2,137.88	1/4	1,771.34	1/4	1,404.80	1/4	1,038.26	1/4	671.87	1/4	305.46	1/4		1/4		1/4		1/4	
1/2	2,130.24	1/2	1,763.70	1/2	1,397.17	1/2	1,030.63	1/2	664.24	1/2	297.82	1/2		1/2		1/2		1/2	
3/4	2,122.61	3/4	1,756.07	3/4	1,389.53	3/4	1,022.99	3/4	656.61	3/4	290.19	3/4		3/4		3/4		3/4	
10	2,114.97	10	1,748.43	10	1,381.90	10	1,015.36	10	648.98	10	282.55	10		10		10		10	
1/4	2,107.33	1/4	1,740.79	1/4	1,374.26	1/4	1,007.72	1/4	641.35	1/4	274.91	1/4		1/4		1/4		1/4	
1/2	2,099.70	1/2	1,733.16	1/2	1,366.62	1/2	1,000.08	1/2	633.72	1/2	267.28	1/2		1/2		1/2		1/2	
3/4	2,092.06	3/4	1,725.52	3/4	1,358.99	3/4	992.45	3/4	626.09	3/4	259.64	3/4		3/4		3/4		3/4	
11	2,084.43	11	1,717.89	11	1,351.35	11	984.81	11	618.46	11	252.01	11		11		11		11	
1/4	2,076.79	1/4	1,710.25	1/4	1,343.71	1/4	977.17	1/4	610.83	1/4	244.37	1/4		1/4		1/4		1/4	
1/2	2,069.15	1/2	1,702.61	1/2	1,336.08	1/2	969.54	1/2	603.20	1/2	236.74	1/2		1/2		1/2		1/2	
3/4	2,061.52	3/4	1,694.98	3/4	1,328.44	3/4	961.90	3/4	595.57	3/4	229.10	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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



BARGE "EMS 3008"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,416.38	0	2,048.16	0	1,679.94	0	1,311.71	0	943.49	0	575.34	0	207.14	0		0			
1/4	2,408.71	1/4	2,040.48	1/4	1,672.26	1/4	1,304.04	1/4	935.82	1/4	567.68	1/4	199.47	1/4		1/4			
1/2	2,401.04	1/2	2,032.81	1/2	1,664.59	1/2	1,296.37	1/2	928.15	1/2	560.01	1/2	191.80	1/2		1/2			
3/4	2,393.37	3/4	2,025.14	3/4	1,656.92	3/4	1,288.70	3/4	920.48	3/4	552.34	3/4	184.13	3/4		3/4			
1	2,385.70	1	2,017.47	1	1,649.25	1	1,281.03	1	912.80	1	544.67	1	176.45	1		1			
1/4	2,378.02	1/4	2,009.80	1/4	1,641.58	1/4	1,273.35	1/4	905.13	1/4	537.00	1/4	168.78	1/4		1/4			
1/2	2,370.35	1/2	2,002.13	1/2	1,633.91	1/2	1,265.68	1/2	897.46	1/2	529.33	1/2	161.11	1/2		1/2			
3/4	2,362.68	3/4	1,994.46	3/4	1,626.24	3/4	1,258.01	3/4	889.79	3/4	521.66	3/4	153.45	3/4		3/4			
2	2,355.01	2	1,986.79	2	1,618.57	2	1,250.34	2	882.12	2	513.98	2	145.79	2		2			
1/4	2,347.33	1/4	1,979.11	1/4	1,610.89	1/4	1,242.67	1/4	874.45	1/4	506.31	1/4	138.13	1/4		1/4			
1/2	2,339.66	1/2	1,971.44	1/2	1,603.22	1/2	1,235.00	1/2	866.78	1/2	498.64	1/2	130.47	1/2		1/2			
3/4	2,331.99	3/4	1,963.77	3/4	1,595.55	3/4	1,227.33	3/4	859.11	3/4	490.97	3/4	122.81	3/4		3/4			
3	2,324.32	3	1,956.10	3	1,587.88	3	1,219.66	3	851.43	3	483.30	3	115.16	3		3			
1/4	2,316.65	1/4	1,948.43	1/4	1,580.20	1/4	1,211.98	1/4	843.76	1/4	475.63	1/4	107.50	1/4		1/4			
1/2	2,308.98	1/2	1,940.76	1/2	1,572.53	1/2	1,204.31	1/2	836.09	1/2	467.96	1/2	99.85	1/2		1/2			
3/4	2,301.31	3/4	1,933.09	3/4	1,564.86	3/4	1,196.64	3/4	828.42	3/4	460.29	3/4	92.20	3/4		3/4			
4	2,293.64	4	1,925.42	4	1,557.19	4	1,188.97	4	820.75	4	452.61	4	84.54	4		4			
1/4	2,285.96	1/4	1,917.74	1/4	1,549.52	1/4	1,181.30	1/4	813.08	1/4	444.94	1/4	76.89	1/4		1/4			
1/2	2,278.29	1/2	1,910.07	1/2	1,541.85	1/2	1,173.63	1/2	805.41	1/2	437.27	1/2	69.24	1/2		1/2			
3/4	2,270.62	3/4	1,902.40	3/4	1,534.18	3/4	1,165.96	3/4	797.74	3/4	429.60	3/4	61.85	3/4		3/4			
5	2,262.95	5	1,894.73	5	1,526.51	5	1,158.29	5	790.07	5	421.93	5	54.46	5		5			
1/4	2,255.28	1/4	1,887.06	1/4	1,518.83	1/4	1,150.61	1/4	782.40	1/4	414.26	1/4	47.08	1/4		1/4			
1/2	2,247.61	1/2	1,879.39	1/2	1,511.16	1/2	1,142.94	1/2	774.73	1/2	406.59	1/2	39.69	1/2		1/2			
3/4	2,239.94	3/4	1,871.72	3/4	1,503.49	3/4	1,135.27	3/4	767.06	3/4	398.92	3/4	32.21	3/4		3/4			
6	2,232.27	6	1,864.05	6	1,495.82	6	1,127.60	6	759.39	6	391.25	6	24.73	6		6			
1/4	2,224.59	1/4	1,856.38	1/4	1,488.15	1/4	1,119.93	1/4	751.73	1/4	383.58	1/4	17.77	1/4		1/4			
1/2	2,216.92	1/2	1,848.70	1/2	1,480.48	1/2	1,112.26	1/2	744.06	1/2	375.91	1/2		1/2		1/2			
3/4	2,209.25	3/4	1,841.03	3/4	1,472.81	3/4	1,104.59	3/4	736.39	3/4	368.24	3/4		3/4		3/4			
7	2,201.58	7	1,833.36	7	1,465.14	7	1,096.92	7	728.72	7	360.56	7		7		7			
1/4	2,193.91	1/4	1,825.69	1/4	1,457.46	1/4	1,089.24	1/4	721.05	1/4	352.89	1/4		1/4		1/4			
1/2	2,186.24	1/2	1,818.02	1/2	1,449.79	1/2	1,081.57	1/2	713.38	1/2	345.22	1/2		1/2		1/2			
3/4	2,178.57	3/4	1,810.35	3/4	1,442.12	3/4	1,073.90	3/4	705.71	3/4	337.55	3/4		3/4		3/4			
8	2,170.90	8	1,802.68	8	1,434.45	8	1,066.23	8	698.04	8	329.88	8		8		8			
1/4	2,163.22	1/4	1,795.00	1/4	1,426.78	1/4	1,058.56	1/4	690.38	1/4	322.21	1/4		1/4		1/4			
1/2	2,155.55	1/2	1,787.33	1/2	1,419.11	1/2	1,050.89	1/2	682.71	1/2	314.54	1/2		1/2		1/2			
3/4	2,147.88	3/4	1,779.66	3/4	1,411.44	3/4	1,043.22	3/4	675.04	3/4	306.87	3/4		3/4		3/4			
9	2,140.21	9	1,771.99	9	1,403.77	9	1,035.55	9	667.37	9	299.19	9		9		9			
1/4	2,132.54	1/4	1,764.32	1/4	1,396.09	1/4	1,027.87	1/4	659.70	1/4	291.52	1/4		1/4		1/4			
1/2	2,124.87	1/2	1,756.65	1/2	1,388.42	1/2	1,020.20	1/2	652.03	1/2	283.85	1/2		1/2		1/2			
3/4	2,117.20	3/4	1,748.98	3/4	1,380.75	3/4	1,012.53	3/4	644.36	3/4	276.18	3/4		3/4		3/4			
10	2,109.53	10	1,741.31	10	1,373.08	10	1,004.86	10	636.69	10	268.51	10		10		10			
1/4	2,101.85	1/4	1,733.63	1/4	1,365.41	1/4	997.19	1/4	629.03	1/4	260.84	1/4		1/4		1/4			
1/2	2,094.18	1/2	1,725.96	1/2	1,357.74	1/2	989.52	1/2	621.36	1/2	253.17	1/2		1/2		1/2			
3/4	2,086.51	3/4	1,718.29	3/4	1,350.07	3/4	981.85	3/4	613.69	3/4	245.50	3/4		3/4		3/4			
11	2,078.84	11	1,710.62	11	1,342.40	11	974.17	11	606.02	11	237.82	11		11		11			
1/4	2,071.17	1/4	1,702.95	1/4	1,334.72	1/4	966.50	1/4	598.35	1/4	230.15	1/4		1/4		1/4			
1/2	2,063.50	1/2	1,695.28	1/2	1,327.05	1/2	958.83	1/2	590.68	1/2	222.48	1/2		1/2		1/2			
3/4	2,055.83	3/4	1,687.61	3/4	1,319.38	3/4	951.16	3/4	583.01	3/4	214.81	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "EMS 3008"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,427.83	0	2,056.43	0	1,685.54	0	1,314.39	0	943.24	0	572.18	0	201.05	0		0		0	
1/4	2,420.10	1/4	2,048.95	1/4	1,677.81	1/4	1,306.66	1/4	935.51	1/4	564.45	1/4	193.32	1/4		1/4		1/4	
1/2	2,412.37	1/2	2,041.22	1/2	1,670.08	1/2	1,298.93	1/2	927.78	1/2	556.72	1/2	185.59	1/2		1/2		1/2	
3/4	2,404.64	3/4	2,033.49	3/4	1,662.35	3/4	1,291.19	3/4	920.05	3/4	548.99	3/4	177.85	3/4		3/4		3/4	
1	2,396.90	1	2,025.75	1	1,654.61	1	1,283.46	1	912.32	1	541.26	1	170.12	1		1		1	
1/4	2,389.17	1/4	2,018.02	1/4	1,646.88	1/4	1,275.73	1/4	904.59	1/4	533.53	1/4	162.39	1/4		1/4		1/4	
1/2	2,381.44	1/2	2,010.29	1/2	1,639.15	1/2	1,268.00	1/2	896.86	1/2	525.80	1/2	154.67	1/2		1/2		1/2	
3/4	2,373.71	3/4	2,002.56	3/4	1,631.42	3/4	1,260.26	3/4	889.12	3/4	518.06	3/4	146.94	3/4		3/4		3/4	
2	2,365.97	2	1,994.82	2	1,623.68	2	1,252.53	2	881.39	2	510.33	2	139.22	2		2		2	
1/4	2,358.24	1/4	1,987.09	1/4	1,615.95	1/4	1,244.80	1/4	873.66	1/4	502.60	1/4	131.50	1/4		1/4		1/4	
1/2	2,350.51	1/2	1,979.36	1/2	1,608.22	1/2	1,237.07	1/2	865.93	1/2	494.87	1/2	123.78	1/2		1/2		1/2	
3/4	2,342.78	3/4	1,971.63	3/4	1,600.49	3/4	1,229.33	3/4	858.19	3/4	487.13	3/4	116.07	3/4		3/4		3/4	
3	2,335.04	3	1,963.89	3	1,592.75	3	1,221.60	3	850.46	3	479.40	3	108.35	3		3		3	
1/4	2,327.31	1/4	1,956.16	1/4	1,585.02	1/4	1,213.87	1/4	842.73	1/4	471.67	1/4	100.64	1/4		1/4		1/4	
1/2	2,319.58	1/2	1,948.43	1/2	1,577.29	1/2	1,206.14	1/2	835.00	1/2	463.94	1/2	92.93	1/2		1/2		1/2	
3/4	2,311.85	3/4	1,940.70	3/4	1,569.56	3/4	1,198.40	3/4	827.26	3/4	456.21	3/4	85.21	3/4		3/4		3/4	
4	2,304.11	4	1,932.97	4	1,561.82	4	1,190.67	4	819.53	4	448.48	4	77.50	4		4		4	
1/4	2,296.38	1/4	1,925.24	1/4	1,554.09	1/4	1,182.94	1/4	811.80	1/4	440.75	1/4	69.79	1/4		1/4		1/4	
1/2	2,288.65	1/2	1,917.51	1/2	1,546.36	1/2	1,175.21	1/2	804.07	1/2	433.02	1/2	62.34	1/2		1/2		1/2	
3/4	2,280.92	3/4	1,909.78	3/4	1,538.63	3/4	1,167.48	3/4	796.34	3/4	425.28	3/4	54.89	3/4		3/4		3/4	
5	2,273.18	5	1,902.04	5	1,530.89	5	1,159.75	5	788.61	5	417.55	5	47.45	5		5		5	
1/4	2,265.45	1/4	1,894.31	1/4	1,523.16	1/4	1,152.02	1/4	780.88	1/4	409.82	1/4	40.00	1/4		1/4		1/4	
1/2	2,257.72	1/2	1,886.58	1/2	1,515.43	1/2	1,144.29	1/2	773.15	1/2	402.09	1/2	34.48	1/2		1/2		1/2	
3/4	2,249.99	3/4	1,878.85	3/4	1,507.70	3/4	1,136.55	3/4	765.42	3/4	394.35	3/4	28.95	3/4		3/4		3/4	
6	2,242.25	6	1,871.11	6	1,499.96	6	1,128.82	6	757.70	6	386.62	6	23.43	6		6		6	
1/4	2,234.52	1/4	1,863.38	1/4	1,492.23	1/4	1,121.09	1/4	749.97	1/4	378.89	1/4	17.91	1/4		1/4		1/4	
1/2	2,226.79	1/2	1,855.65	1/2	1,484.50	1/2	1,113.36	1/2	742.24	1/2	371.16	1/2		1/2		1/2		1/2	
3/4	2,219.06	3/4	1,847.92	3/4	1,476.77	3/4	1,105.62	3/4	734.51	3/4	363.42	3/4		3/4		3/4		3/4	
7	2,211.33	7	1,840.18	7	1,469.03	7	1,097.89	7	726.78	7	355.69	7		7		7		7	
1/4	2,203.60	1/4	1,832.45	1/4	1,461.30	1/4	1,090.16	1/4	719.05	1/4	347.96	1/4		1/4		1/4		1/4	
1/2	2,195.87	1/2	1,824.72	1/2	1,453.57	1/2	1,082.43	1/2	711.32	1/2	340.23	1/2		1/2		1/2		1/2	
3/4	2,188.14	3/4	1,816.99	3/4	1,445.84	3/4	1,074.69	3/4	703.59	3/4	332.49	3/4		3/4		3/4		3/4	
8	2,180.40	8	1,809.25	8	1,438.11	8	1,066.96	8	695.86	8	324.76	8		8		8		8	
1/4	2,172.67	1/4	1,801.52	1/4	1,430.38	1/4	1,059.23	1/4	688.13	1/4	317.03	1/4		1/4		1/4		1/4	
1/2	2,164.94	1/2	1,793.79	1/2	1,422.65	1/2	1,051.50	1/2	680.40	1/2	309.30	1/2		1/2		1/2		1/2	
3/4	2,157.21	3/4	1,786.06	3/4	1,414.92	3/4	1,043.76	3/4	672.67	3/4	301.57	3/4		3/4		3/4		3/4	
9	2,149.47	9	1,778.32	9	1,407.18	9	1,036.03	9	664.94	9	293.84	9		9		9		9	
1/4	2,141.74	1/4	1,770.59	1/4	1,399.45	1/4	1,028.30	1/4	657.21	1/4	286.11	1/4		1/4		1/4		1/4	
1/2	2,134.01	1/2	1,762.86	1/2	1,391.72	1/2	1,020.57	1/2	649.48	1/2	278.38	1/2		1/2		1/2		1/2	
3/4	2,126.28	3/4	1,755.13	3/4	1,383.99	3/4	1,012.83	3/4	641.75	3/4	270.65	3/4		3/4		3/4		3/4	
10	2,118.54	10	1,747.39	10	1,376.25	10	1,005.10	10	634.02	10	262.91	10		10		10		10	
1/4	2,110.81	1/4	1,739.66	1/4	1,368.52	1/4	997.37	1/4	626.29	1/4	255.18	1/4		1/4		1/4		1/4	
1/2	2,102.83	1/2	1,731.93	1/2	1,360.79	1/2	989.64	1/2	618.56	1/2	247.45	1/2		1/2		1/2		1/2	
3/4	2,094.85	3/4	1,724.20	3/4	1,353.06	3/4	981.90	3/4	610.83	3/4	239.72	3/4		3/4		3/4		3/4	
11	2,086.86	11	1,716.46	11	1,345.32	11	974.17	11	603.10	11	231.98	11		11		11		11	
1/4	2,078.88	1/4	1,708.73	1/4	1,337.59	1/4	966.44	1/4	595.37	1/4	224.25	1/4		1/4		1/4		1/4	
1/2	2,071.40	1/2	1,701.00	1/2	1,329.86	1/2	958.71	1/2	587.64	1/2	216.52	1/2		1/2		1/2		1/2	
3/4	2,063.92	3/4	1,693.27	3/4	1,322.13	3/4	950.97	3/4	579.91	3/4	208.78	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "EMS 3008"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,418.92	0	2,048.93	0	1,679.34	0	1,309.74	0	940.11	0	570.51	0	200.53	0		0		0	
1/4	2,411.21	1/4	2,041.22	1/4	1,671.64	1/4	1,302.04	1/4	932.41	1/4	562.81	1/4	192.82	1/4		1/4		1/4	
1/2	2,403.50	1/2	2,033.52	1/2	1,663.94	1/2	1,294.34	1/2	924.71	1/2	555.11	1/2	185.11	1/2		1/2		1/2	
3/4	2,395.79	3/4	2,025.82	3/4	1,656.24	3/4	1,286.63	3/4	917.00	3/4	547.40	3/4	177.40	3/4		3/4		3/4	
1	2,388.09	1	2,018.12	1	1,648.54	1	1,278.93	1	909.30	1	539.70	1	169.69	1		1		1	
1/4	2,380.38	1/4	2,010.42	1/4	1,640.84	1/4	1,271.23	1/4	901.60	1/4	532.00	1/4	161.98	1/4		1/4		1/4	
1/2	2,372.67	1/2	2,002.72	1/2	1,633.14	1/2	1,263.53	1/2	893.90	1/2	524.30	1/2	154.28	1/2		1/2		1/2	
3/4	2,364.96	3/4	1,995.02	3/4	1,625.44	3/4	1,255.83	3/4	886.20	3/4	516.60	3/4	146.58	3/4		3/4		3/4	
2	2,357.26	2	1,987.32	2	1,617.74	2	1,248.13	2	878.50	2	508.90	2	138.88	2		2		2	
1/4	2,349.55	1/4	1,979.62	1/4	1,610.04	1/4	1,240.43	1/4	870.80	1/4	501.20	1/4	131.18	1/4		1/4		1/4	
1/2	2,341.84	1/2	1,971.92	1/2	1,602.34	1/2	1,232.73	1/2	863.10	1/2	493.49	1/2	123.49	1/2		1/2		1/2	
3/4	2,334.13	3/4	1,964.22	3/4	1,594.64	3/4	1,225.03	3/4	855.39	3/4	485.78	3/4	115.79	3/4		3/4		3/4	
3	2,326.42	3	1,956.53	3	1,586.94	3	1,217.33	3	847.69	3	478.07	3	108.10	3		3		3	
1/4	2,318.71	1/4	1,948.83	1/4	1,579.24	1/4	1,209.63	1/4	839.99	1/4	470.36	1/4	100.41	1/4		1/4		1/4	
1/2	2,311.00	1/2	1,941.13	1/2	1,571.54	1/2	1,201.93	1/2	832.29	1/2	462.65	1/2	92.72	1/2		1/2		1/2	
3/4	2,303.29	3/4	1,933.43	3/4	1,563.84	3/4	1,194.23	3/4	824.59	3/4	454.94	3/4	85.02	3/4		3/4		3/4	
4	2,295.59	4	1,925.73	4	1,556.14	4	1,186.53	4	816.89	4	447.23	4	77.33	4		4		4	
1/4	2,287.88	1/4	1,918.03	1/4	1,548.44	1/4	1,178.83	1/4	809.19	1/4	439.52	1/4	69.64	1/4		1/4		1/4	
1/2	2,280.17	1/2	1,910.33	1/2	1,540.74	1/2	1,171.13	1/2	801.49	1/2	431.81	1/2	62.21	1/2		1/2		1/2	
3/4	2,272.46	3/4	1,902.63	3/4	1,533.04	3/4	1,163.43	3/4	793.79	3/4	424.10	3/4	54.79	3/4		3/4		3/4	
5	2,264.76	5	1,894.93	5	1,525.34	5	1,155.73	5	786.09	5	416.39	5	47.36	5		5		5	
1/4	2,257.05	1/4	1,887.23	1/4	1,517.64	1/4	1,148.03	1/4	778.39	1/4	408.68	1/4	39.94	1/4		1/4		1/4	
1/2	2,249.34	1/2	1,879.53	1/2	1,509.94	1/2	1,140.33	1/2	770.69	1/2	400.97	1/2	34.43	1/2		1/2		1/2	
3/4	2,241.63	3/4	1,871.83	3/4	1,502.24	3/4	1,132.63	3/4	762.99	3/4	393.26	3/4	28.91	3/4		3/4		3/4	
6	2,233.93	6	1,864.13	6	1,494.54	6	1,124.93	6	755.29	6	385.56	6	23.40	6		6		6	
1/4	2,226.22	1/4	1,856.43	1/4	1,486.84	1/4	1,117.23	1/4	747.59	1/4	377.85	1/4	17.89	1/4		1/4		1/4	
1/2	2,218.51	1/2	1,848.73	1/2	1,479.14	1/2	1,109.53	1/2	739.89	1/2	370.14	1/2		1/2		1/2		1/2	
3/4	2,210.80	3/4	1,841.03	3/4	1,471.44	3/4	1,101.83	3/4	732.19	3/4	362.43	3/4		3/4		3/4		3/4	
7	2,203.09	7	1,833.33	7	1,463.74	7	1,094.13	7	724.49	7	354.72	7		7		7		7	
1/4	2,195.38	1/4	1,825.63	1/4	1,456.04	1/4	1,086.43	1/4	716.79	1/4	347.01	1/4		1/4		1/4		1/4	
1/2	2,187.67	1/2	1,817.93	1/2	1,448.34	1/2	1,078.73	1/2	709.09	1/2	339.30	1/2		1/2		1/2		1/2	
3/4	2,179.96	3/4	1,810.23	3/4	1,440.64	3/4	1,071.03	3/4	701.39	3/4	331.59	3/4		3/4		3/4		3/4	
8	2,172.26	8	1,802.53	8	1,432.94	8	1,063.33	8	693.70	8	323.88	8		8		8		8	
1/4	2,164.55	1/4	1,794.83	1/4	1,425.24	1/4	1,055.63	1/4	686.00	1/4	316.17	1/4		1/4		1/4		1/4	
1/2	2,156.84	1/2	1,787.13	1/2	1,417.54	1/2	1,047.93	1/2	678.30	1/2	308.46	1/2		1/2		1/2		1/2	
3/4	2,149.13	3/4	1,779.43	3/4	1,409.84	3/4	1,040.22	3/4	670.60	3/4	300.75	3/4		3/4		3/4		3/4	
9	2,141.43	9	1,771.73	9	1,402.14	9	1,032.52	9	662.90	9	293.04	9		9		9		9	
1/4	2,133.72	1/4	1,764.03	1/4	1,394.44	1/4	1,024.82	1/4	655.20	1/4	285.33	1/4		1/4		1/4		1/4	
1/2	2,126.01	1/2	1,756.33	1/2	1,386.74	1/2	1,017.12	1/2	647.50	1/2	277.62	1/2		1/2		1/2		1/2	
3/4	2,118.30	3/4	1,748.63	3/4	1,379.04	3/4	1,009.42	3/4	639.80	3/4	269.91	3/4		3/4		3/4		3/4	
10	2,110.60	10	1,740.93	10	1,371.34	10	1,001.72	10	632.10	10	262.20	10		10		10		10	
1/4	2,102.89	1/4	1,733.23	1/4	1,363.64	1/4	994.02	1/4	624.40	1/4	254.49	1/4		1/4		1/4		1/4	
1/2	2,095.18	1/2	1,725.53	1/2	1,355.94	1/2	986.32	1/2	616.70	1/2	246.78	1/2		1/2		1/2		1/2	
3/4	2,087.47	3/4	1,717.83	3/4	1,348.24	3/4	978.61	3/4	609.00	3/4	239.07	3/4		3/4		3/4		3/4	
11	2,079.76	11	1,710.13	11	1,340.54	11	970.91	11	601.30	11	231.37	11		11		11		11	
1/4	2,072.05	1/4	1,702.43	1/4	1,332.84	1/4	963.21	1/4	593.60	1/4	223.66	1/4		1/4		1/4		1/4	
1/2	2,064.34	1/2	1,694.73	1/2	1,325.14	1/2	955.51	1/2	585.90	1/2	215.95	1/2		1/2		1/2		1/2	
3/4	2,056.63	3/4	1,687.03	3/4	1,317.44	3/4	947.81	3/4	578.20	3/4	208.24	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

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PRECISION MEASUREMENT
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BARGE "EMS 3008"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,385.58	0	4,161.42	0	3,932.17	0	3,702.69	0	3,472.94	0	3,167.32	0	2,796.45
1/4	1/4		1/4		1/4		4,381.62	1/4	4,156.65	1/4	3,927.38	1/4	3,697.90	1/4	3,468.15	1/4	3,159.61	1/4	2,788.72
1/2	1/2		1/2		1/2		4,377.66	1/2	4,151.89	1/2	3,922.60	1/2	3,693.11	1/2	3,463.36	1/2	3,151.91	1/2	2,780.99
3/4	3/4		3/4		3/4		4,373.70	3/4	4,147.12	3/4	3,917.81	3/4	3,688.33	3/4	3,458.58	3/4	3,144.20	3/4	2,773.26
1		1		1		1	4,369.74	1	4,142.36	1	3,913.03	1	3,683.54	1	3,453.79	1	3,136.50	1	2,765.53
1/4	1/4		1/4		1/4		4,365.25	1/4	4,137.59	1/4	3,908.24	1/4	3,678.75	1/4	3,449.00	1/4	3,128.79	1/4	2,757.80
1/2	1/2		1/2		1/2		4,360.75	1/2	4,132.82	1/2	3,903.45	1/2	3,673.97	1/2	3,444.22	1/2	3,121.08	1/2	2,750.06
3/4	3/4		3/4		3/4		4,356.26	3/4	4,128.06	3/4	3,898.67	3/4	3,669.18	3/4	3,439.43	3/4	3,113.38	3/4	2,742.33
2		2		2		2	4,351.77	2	4,123.29	2	3,893.88	2	3,664.40	2	3,434.65	2	3,105.67	2	2,734.60
1/4	1/4		1/4		1/4		4,347.02	1/4	4,118.52	1/4	3,889.11	1/4	3,659.61	1/4	3,429.75	1/4	3,097.95	1/4	2,726.87
1/2	1/2		1/2		1/2		4,342.27	1/2	4,113.76	1/2	3,884.35	1/2	3,654.82	1/2	3,424.85	1/2	3,090.23	1/2	2,719.14
3/4	3/4		3/4		3/4		4,337.53	3/4	4,108.99	3/4	3,879.58	3/4	3,650.04	3/4	3,419.96	3/4	3,082.52	3/4	2,711.41
3		3		3		3	4,332.78	3	4,104.23	3	3,874.82	3	3,645.25	3	3,415.06	3	3,074.80	3	2,703.68
1/4	1/4		1/4		1/4		4,328.03	1/4	4,099.46	1/4	3,870.05	1/4	3,640.46	1/4	3,409.80	1/4	3,066.89	1/4	2,695.95
1/2	1/2		1/2		1/2		4,323.29	1/2	4,094.70	1/2	3,865.29	1/2	3,635.68	1/2	3,404.54	1/2	3,058.97	1/2	2,688.21
3/4	3/4		3/4		3/4		4,318.54	3/4	4,089.93	3/4	3,860.52	3/4	3,630.89	3/4	3,399.29	3/4	3,051.06	3/4	2,680.48
4		4		4		4	4,313.80	4	4,085.17	4	3,855.76	4	3,626.11	4	3,394.03	4	3,043.15	4	2,672.75
1/4	1/4		1/4		1/4		4,309.05	1/4	4,080.40	1/4	3,851.00	1/4	3,621.32	1/4	3,388.28	1/4	3,035.60	1/4	2,665.02
1/2	1/2		1/2		1/2		4,304.30	1/2	4,075.64	1/2	3,846.23	1/2	3,616.53	1/2	3,382.52	1/2	3,028.05	1/2	2,657.28
3/4	3/4		3/4		3/4		4,299.56	3/4	4,070.87	3/4	3,841.47	3/4	3,611.75	3/4	3,376.77	3/4	3,020.50	3/4	2,649.55
5		5		5		5	4,294.81	5	4,066.11	5	3,836.71	5	3,606.96	5	3,371.02	5	3,012.95	5	2,641.82
1/4	1/4		1/4		1/4		4,290.05	1/4	4,061.34	1/4	3,831.92	1/4	3,602.17	1/4	3,366.77	1/4	3,005.22	1/4	2,634.08
1/2	1/2		1/2		1/2		4,285.30	1/2	4,056.58	1/2	3,827.13	1/2	3,597.38	1/2	3,358.52	1/2	2,997.48	1/2	2,626.33
3/4	3/4		3/4		3/4		4,280.54	3/4	4,051.81	3/4	3,822.35	3/4	3,592.60	3/4	3,352.27	3/4	2,989.75	3/4	2,618.59
6		6		6		6	4,275.79	6	4,047.05	6	3,817.56	6	3,587.81	6	3,346.02	6	2,982.02	6	2,610.85
1/4	1/4		1/4		1/4		4,271.02	1/4	4,042.26	1/4	3,812.77	1/4	3,583.02	1/4	3,339.27	1/4	2,974.29	1/4	2,603.10
1/2	1/2		1/2		1/2		4,266.26	1/2	4,037.47	1/2	3,807.99	1/2	3,578.24	1/2	3,332.52	1/2	2,966.55	1/2	2,595.35
3/4	3/4		3/4		3/4		4,261.49	3/4	4,032.69	3/4	3,803.20	3/4	3,573.45	3/4	3,325.78	3/4	2,958.82	3/4	2,587.60
7		7		7		7	4,256.73	7	4,027.90	7	3,798.42	7	3,568.67	7	3,319.03	7	2,951.09	7	2,579.85
1/4	1/4		1/4		1/4		4,251.96	1/4	4,023.11	1/4	3,793.63	1/4	3,563.88	1/4	3,311.79	1/4	2,943.36	1/4	2,572.10
1/2	1/2		1/2		1/2		4,247.20	1/2	4,018.32	1/2	3,788.84	1/2	3,559.09	1/2	3,304.54	1/2	2,935.62	1/2	2,564.34
3/4	3/4		3/4		3/4		4,242.43	3/4	4,013.54	3/4	3,784.06	3/4	3,554.31	3/4	3,297.30	3/4	2,927.89	3/4	2,556.59
8		8		8		8	4,237.67	8	4,008.75	8	3,779.27	8	3,549.52	8	3,290.06	8	2,920.16	8	2,548.84
1/4	1/4		1/4		1/4		4,417.96	1/4	4,232.90	1/4	4,003.96	1/4	3,774.48	1/4	3,282.47	1/4	2,912.43	1/4	2,541.09
1/2	1/2		1/2		1/2		4,416.95	1/2	4,228.13	1/2	3,999.18	1/2	3,769.69	1/2	3,274.88	1/2	2,904.69	1/2	2,533.33
3/4	3/4		3/4		3/4		4,415.93	3/4	4,223.37	3/4	3,994.39	3/4	3,764.91	3/4	3,267.30	3/4	2,896.96	3/4	2,525.58
9		9		9		9	4,414.92	9	4,218.60	9	3,989.61	9	3,760.12	9	3,259.71	9	2,889.23	9	2,517.83
1/4	1/4		1/4		1/4		4,413.91	1/4	4,213.83	1/4	3,984.82	1/4	3,755.33	1/4	3,252.01	1/4	2,881.50	1/4	2,510.08
1/2	1/2		1/2		1/2		4,412.90	1/2	4,209.07	1/2	3,980.03	1/2	3,750.55	1/2	3,244.31	1/2	2,873.77	1/2	2,502.33
3/4	3/4		3/4		3/4		4,411.88	3/4	4,204.30	3/4	3,975.25	3/4	3,745.76	3/4	3,236.62	3/4	2,866.04	3/4	2,494.58
10		10		10		10	4,410.87	10	4,199.54	10	3,970.46	10	3,740.98	10	3,228.92	10	2,858.31	10	2,486.83
1/4	1/4		1/4		1/4		4,407.97	1/4	4,194.77	1/4	3,965.67	1/4	3,736.19	1/4	3,221.22	1/4	2,850.58	1/4	2,479.08
1/2	1/2		1/2		1/2		4,405.08	1/2	4,190.01	1/2	3,960.89	1/2	3,731.40	1/2	3,213.52	1/2	2,842.84	1/2	2,471.32
3/4	3/4		3/4		3/4		4,402.18	3/4	4,185.24	3/4	3,956.10	3/4	3,726.62	3/4	3,205.82	3/4	2,835.11	3/4	2,463.57
11		11		11		11	4,399.29	11	4,180.48	11	3,951.32	11	3,721.83	11	3,198.12	11	2,827.38	11	2,455.82
1/4	1/4		1/4		1/4		4,395.86	1/4	4,175.71	1/4	3,946.53	1/4	3,717.04	1/4	3,190.42	1/4	2,819.65	1/4	2,448.07
1/2	1/2		1/2		1/2		4,392.43	1/2	4,170.95	1/2	3,941.74	1/2	3,712.26	1/2	3,182.72	1/2	2,811.91	1/2	2,440.31
3/4	3/4		3/4		3/4		4,389.01	3/4	4,166.18	3/4	3,936.96	3/4	3,707.47	3/4	3,175.02	3/4	2,804.18	3/4	2,432.56

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "EMS 3008"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,424.81	0	2,052.73	0	1,681.02	0	1,309.30	0	937.58	0	565.97	0	193.90	0		0			
1/4	2,417.06	1/4	2,044.99	1/4	1,673.27	1/4	1,301.55	1/4	929.83	1/4	558.23	1/4	186.15	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,409.31	1/2	2,037.24	1/2	1,665.53	1/2	1,293.81	1/2	922.09	1/2	550.48	1/2	178.39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,401.56	3/4	2,029.50	3/4	1,657.78	3/4	1,286.06	3/4	914.34	3/4	542.74	3/4	170.64	3/4	3/4	3/4	3/4	3/4	3/4
1	2,393.81	1	2,021.76	1	1,650.04	1	1,278.32	1	906.60	1	535.00	1	162.89	1		1			1
1/4	2,386.06	1/4	2,014.01	1/4	1,642.30	1/4	1,270.58	1/4	898.85	1/4	527.25	1/4	155.14	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,378.30	1/2	2,006.27	1/2	1,634.55	1/2	1,262.83	1/2	891.11	1/2	519.51	1/2	147.40	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,370.55	3/4	1,998.52	3/4	1,626.81	3/4	1,255.09	3/4	883.36	3/4	511.76	3/4	139.65	3/4	3/4	3/4	3/4	3/4	3/4
2	2,362.80	2	1,990.78	2	1,619.07	2	1,247.35	2	875.62	2	504.02	2	131.91	2		2			2
1/4	2,355.05	1/4	1,983.03	1/4	1,611.32	1/4	1,239.60	1/4	867.85	1/4	496.27	1/4	124.17	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,347.29	1/2	1,975.29	1/2	1,603.58	1/2	1,231.86	1/2	860.08	1/2	488.51	1/2	116.44	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,339.54	3/4	1,967.54	3/4	1,595.83	3/4	1,224.11	3/4	852.32	3/4	480.76	3/4	108.70	3/4	3/4	3/4	3/4	3/4	3/4
3	2,331.79	3	1,959.80	3	1,588.09	3	1,216.37	3	844.55	3	473.01	3	100.97	3		3			3
1/4	2,324.04	1/4	1,952.06	1/4	1,580.35	1/4	1,208.62	1/4	836.83	1/4	465.25	1/4	93.23	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,316.29	1/2	1,944.31	1/2	1,572.60	1/2	1,200.88	1/2	829.11	1/2	457.50	1/2	85.50	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,308.54	3/4	1,936.57	3/4	1,564.86	3/4	1,193.13	3/4	821.40	3/4	449.74	3/4	77.76	3/4	3/4	3/4	3/4	3/4	3/4
4	2,300.79	4	1,928.83	4	1,557.12	4	1,185.39	4	813.68	4	441.99	4	70.03	4		4			4
1/4	2,293.04	1/4	1,921.08	1/4	1,549.37	1/4	1,177.64	1/4	805.94	1/4	434.24	1/4	62.56	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,285.28	1/2	1,913.34	1/2	1,541.63	1/2	1,169.90	1/2	798.19	1/2	426.48	1/2	55.10	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,277.53	3/4	1,905.59	3/4	1,533.88	3/4	1,162.15	3/4	790.45	3/4	418.73	3/4	47.63	3/4	3/4	3/4	3/4	3/4	3/4
5	2,269.78	5	1,897.85	5	1,526.14	5	1,154.41	5	782.71	5	410.98	5	40.17	5		5			5
1/4	2,262.03	1/4	1,890.11	1/4	1,518.39	1/4	1,146.67	1/4	774.97	1/4	403.23	1/4	34.62	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,254.27	1/2	1,882.36	1/2	1,510.65	1/2	1,138.92	1/2	767.23	1/2	395.47	1/2	29.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,246.52	3/4	1,874.62	3/4	1,502.90	3/4	1,131.18	3/4	759.49	3/4	387.72	3/4	23.53	3/4	3/4	3/4	3/4	3/4	3/4
6	2,238.77	6	1,866.88	6	1,495.16	6	1,123.44	6	751.75	6	379.97	6	17.98	6		6			6
1/4	2,231.02	1/4	1,859.13	1/4	1,487.42	1/4	1,115.70	1/4	744.01	1/4	372.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,223.27	1/2	1,851.39	1/2	1,479.67	1/2	1,107.95	1/2	736.26	1/2	364.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,215.52	3/4	1,843.64	3/4	1,471.93	3/4	1,100.21	3/4	728.52	3/4	356.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	2,207.77	7	1,835.90	7	1,464.19	7	1,092.47	7	720.78	7	348.96	7		7		7			7
1/4	2,200.02	1/4	1,828.15	1/4	1,456.44	1/4	1,084.72	1/4	713.04	1/4	341.21	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,192.26	1/2	1,820.41	1/2	1,448.70	1/2	1,076.98	1/2	705.30	1/2	333.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,184.51	3/4	1,812.66	3/4	1,440.95	3/4	1,069.23	3/4	697.56	3/4	325.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	2,176.76	8	1,804.92	8	1,433.21	8	1,061.49	8	689.82	8	317.95	8		8		8			8
1/4	2,169.01	1/4	1,797.18	1/4	1,425.46	1/4	1,053.75	1/4	682.08	1/4	310.20	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,161.25	1/2	1,789.43	1/2	1,417.72	1/2	1,046.00	1/2	674.34	1/2	302.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,153.50	3/4	1,781.69	3/4	1,409.97	3/4	1,038.26	3/4	666.60	3/4	294.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	2,145.75	9	1,773.95	9	1,402.23	9	1,030.52	9	658.86	9	286.94	9		9		9			9
1/4	2,138.00	1/4	1,766.20	1/4	1,394.48	1/4	1,022.77	1/4	651.12	1/4	279.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,130.25	1/2	1,758.46	1/2	1,386.74	1/2	1,015.03	1/2	643.37	1/2	271.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,122.50	3/4	1,750.71	3/4	1,378.99	3/4	1,007.28	3/4	635.63	3/4	263.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,114.75	10	1,742.97	10	1,371.25	10	999.54	10	627.89	10	255.93	10		10		10			10
1/4	2,107.00	1/4	1,735.23	1/4	1,363.51	1/4	991.79	1/4	620.15	1/4	248.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,099.24	1/2	1,727.48	1/2	1,355.76	1/2	984.05	1/2	612.41	1/2	240.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,091.49	3/4	1,719.74	3/4	1,348.02	3/4	976.30	3/4	604.67	3/4	232.66	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,083.74	11	1,712.00	11	1,340.28	11	968.56	11	596.93	11	224.91	11		11		11			11
1/4	2,075.99	1/4	1,704.25	1/4	1,332.53	1/4	960.81	1/4	589.19	1/4	217.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,068.23	1/2	1,696.51	1/2	1,324.79	1/2	953.07	1/2	581.45	1/2	209.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,060.48	3/4	1,688.76	3/4	1,317.04	3/4	945.32	3/4	573.71	3/4	201.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1995 SI
DECK MEASUREMENTS: 08/20/2015 CL
PRINTED: 08/20/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
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