



EMS 368

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-3/4	- 01-3/4
1 STBD	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/2	- 01-1/2	01-3/4	- 01-3/4
2 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
2 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
3 PORT	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-7/8	- 01-7/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4
3 STBD	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-3/4	- 02-3/4

(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 - 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

November 20, 2008

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

<http://www.pmacorp.net>



EMS 368

Enterprise Marine Services LLC

1 PORT

ULLAGE TABLE

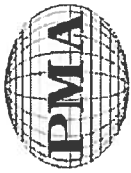
CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,451.07	0	1,120.85	0	511.13	0	236.28	0	0	0
1/4	1,444.17	1/4	1,114.10	1/4	505.24	1/4	230.76	1/4	1/4	1/4
1/2	1,437.26	1/2	1,107.35	1/2	499.35	1/2	225.24	1/2	1/2	1/2
3/4	1,430.36	3/4	1,100.60	3/4	493.47	3/4	219.71	3/4	3/4	3/4
1	1,423.46	1	1,093.85	1	487.58	1	214.19	1	1	1
1/4	1,416.56	1/4	1,087.14	1/4	481.72	1/4	208.69	1/4	1/4	1/4
1/2	1,409.66	1/2	1,080.42	1/2	475.87	1/2	203.20	1/2	1/2	1/2
3/4	1,402.76	3/4	1,073.70	3/4	470.01	3/4	197.70	3/4	3/4	3/4
2	1,395.86	2	1,066.99	2	464.15	2	192.21	2	2	2
1/4	1,388.96	1/4	1,060.32	1/4	458.33	1/4	186.74	1/4	1/4	1/4
1/2	1,382.05	1/2	1,053.65	1/2	452.50	1/2	181.28	1/2	1/2	1/2
3/4	1,375.15	3/4	1,046.97	3/4	446.67	3/4	175.81	3/4	3/4	3/4
3	1,368.25	3	1,040.30	3	440.84	3	170.35	3	3	3
1/4	1,361.35	1/4	1,033.66	1/4	435.05	1/4	164.92	1/4	1/4	1/4
1/2	1,354.45	1/2	1,027.01	1/2	429.25	1/2	159.49	1/2	1/2	1/2
3/4	1,347.54	3/4	1,020.37	3/4	423.45	3/4	154.05	3/4	3/4	3/4
4	1,340.64	4	1,013.73	4	417.66	4	148.62	4	4	4
1/4	1,333.74	1/4	1,007.12	1/4	411.89	1/4	143.22	1/4	1/4	1/4
1/2	1,326.84	1/2	1,000.50	1/2	406.13	1/2	137.83	1/2	1/2	1/2
3/4	1,319.94	3/4	993.89	3/4	400.36	3/4	132.43	3/4	3/4	3/4
5	1,313.04	5	987.28	5	394.60	5	127.03	5	5	5
1/4	1,306.13	1/4	980.70	1/4	388.86	1/4	121.68	1/4	1/4	1/4
1/2	1,299.23	1/2	974.12	1/2	383.13	1/2	116.33	1/2	1/2	1/2
3/4	1,292.33	3/4	967.54	3/4	377.39	3/4	110.97	3/4	3/4	3/4
6	1,285.43	6	960.96	6	371.65	6	105.62	6	6	6
1/4	1,278.53	1/4	954.41	1/4	365.95	1/4	100.30	1/4	1/4	1/4
1/2	1,271.63	1/2	947.87	1/2	360.25	1/2	94.98	1/2	1/2	1/2
3/4	1,264.72	3/4	941.32	3/4	354.55	3/4	89.65	3/4	3/4	3/4
7	1,257.82	7	934.77	7	348.85	7	84.33	7	7	7
1/4	1,250.92	1/4	928.27	1/4	343.18	1/4	79.04	1/4	1/4	1/4
1/2	1,244.02	1/2	921.77	1/2	337.50	1/2	73.74	1/2	1/2	1/2
3/4	1,237.12	3/4	915.27	3/4	331.83	3/4	68.45	3/4	3/4	3/4
8	1,230.22	8	908.77	8	326.16	8	63.15	8	8	8
1/4	1,223.32	1/4	902.30	1/4	320.49	1/4	57.89	1/4	1/4	1/4
1/2	1,216.41	1/2	895.83	1/2	314.82	1/2	52.63	1/2	1/2	1/2
3/4	1,209.51	3/4	889.36	3/4	309.16	3/4	47.37	3/4	3/4	3/4
9	1,202.61	9	882.89	9	303.49	9	42.10	9	9	9
1/4	1,195.77	1/4	876.45	1/4	297.86	1/4	37.74	1/4	1/4	1/4
1/2	1,188.92	1/2	870.01	1/2	292.22	1/2	33.37	1/2	1/2	1/2
3/4	1,182.08	3/4	863.56	3/4	286.59	3/4	29.00	3/4	3/4	3/4
10	1,175.23	10	857.12	10	280.96	10	24.63	10	10	10
1/4	1,168.42	1/4	850.71	1/4	275.36	1/4	22.03	1/4	1/4	1/4
1/2	1,161.60	1/2	844.30	1/2	269.76	1/2	19.42	1/2	1/2	1/2
3/4	1,154.79	3/4	837.89	3/4	264.15	3/4	16.81	3/4	3/4	3/4
11	1,147.97	11	831.48	11	258.55	11	14.20	11	11	11
1/4	1,141.19	1/4	825.10	1/4	252.99	1/4	11.59	1/4	1/4	1/4
1/2	1,134.41	1/2	818.73	1/2	247.42	1/2	9.98	1/2	1/2	1/2
3/4	1,127.63	3/4	812.35	3/4	241.85	3/4	8.37	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2008 CL - SW
 CALCULATED: 11/20/2008 CL
 PRINTED: 11/20/2008 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2008

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



EMS 368
Enterprise Marine Services LLC

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,451.55	0	806.71	0	511.62	0	236.15	0	0	0
1/4	1,444.65	1/4	800.37	1/4	505.71	1/4	230.63	1/4	1/4	1/4
1/2	1,437.75	1/2	794.03	1/2	499.81	1/2	225.11	1/2	1/2	1/2
3/4	1,430.85	3/4	787.69	3/4	493.90	3/4	219.59	3/4	3/4	3/4
1	1,423.95	1	781.35	1	487.99	1	214.07	1	1	1
1/4	1,417.05	1/4	775.05	1/4	482.11	1/4	208.58	1/4	1/4	1/4
1/2	1,410.15	1/2	768.75	1/2	476.24	1/2	203.09	1/2	1/2	1/2
3/4	1,403.25	3/4	762.46	3/4	470.36	3/4	197.59	3/4	3/4	3/4
2	1,396.35	2	756.16	2	464.48	2	192.10	2	2	2
1/4	1,389.46	1/4	749.90	1/4	458.63	1/4	186.64	1/4	1/4	1/4
1/2	1,382.56	1/2	743.63	1/2	452.78	1/2	181.18	1/2	1/2	1/2
3/4	1,375.66	3/4	737.36	3/4	446.93	3/4	175.72	3/4	3/4	3/4
3	1,368.76	3	731.09	3	441.09	3	170.25	3	3	3
1/4	1,361.86	1/4	724.85	1/4	435.27	1/4	164.83	1/4	1/4	1/4
1/2	1,354.96	1/2	718.62	1/2	429.45	1/2	159.40	1/2	1/2	1/2
3/4	1,348.06	3/4	712.38	3/4	423.63	3/4	153.97	3/4	3/4	3/4
4	1,341.16	4	706.14	4	417.82	4	148.54	4	4	4
1/4	1,334.26	1/4	699.94	1/4	412.03	1/4	143.15	1/4	1/4	1/4
1/2	1,327.37	1/2	693.73	1/2	406.25	1/2	137.75	1/2	1/2	1/2
3/4	1,320.47	3/4	687.53	3/4	400.46	3/4	132.35	3/4	3/4	3/4
5	1,313.57	5	681.32	5	394.68	5	126.96	5	5	5
1/4	1,306.67	1/4	675.15	1/4	388.92	1/4	121.61	1/4	1/4	1/4
1/2	1,299.77	1/2	668.98	1/2	383.16	1/2	116.26	1/2	1/2	1/2
3/4	1,292.87	3/4	662.80	3/4	377.40	3/4	110.91	3/4	3/4	3/4
6	1,285.97	6	656.63	6	371.64	6	105.56	6	6	6
1/4	1,279.07	1/4	650.49	1/4	365.92	1/4	100.24	1/4	1/4	1/4
1/2	1,272.17	1/2	644.35	1/2	360.20	1/2	94.92	1/2	1/2	1/2
3/4	1,265.28	3/4	638.21	3/4	354.48	3/4	89.60	3/4	3/4	3/4
7	1,258.38	7	632.08	7	348.76	7	84.28	7	7	7
1/4	1,251.48	1/4	625.98	1/4	343.06	1/4	78.99	1/4	1/4	1/4
1/2	1,244.58	1/2	619.89	1/2	337.37	1/2	73.70	1/2	1/2	1/2
3/4	1,237.68	3/4	613.79	3/4	331.68	3/4	68.41	3/4	3/4	3/4
8	1,230.78	8	607.69	8	325.98	8	63.12	8	8	8
1/4	1,223.88	1/4	601.64	1/4	320.32	1/4	57.86	1/4	1/4	1/4
1/2	1,216.98	1/2	595.58	1/2	314.66	1/2	52.60	1/2	1/2	1/2
3/4	1,210.08	3/4	589.52	3/4	308.99	3/4	47.34	3/4	3/4	3/4
9	1,203.19	9	583.46	9	303.33	9	42.08	9	9	9
1/4	1,196.34	1/4	577.44	1/4	297.70	1/4	37.72	1/4	1/4	1/4
1/2	1,189.50	1/2	571.42	1/2	292.07	1/2	33.35	1/2	1/2	1/2
3/4	1,182.66	3/4	565.40	3/4	286.44	3/4	28.99	3/4	3/4	3/4
10	1,175.82	10	559.38	10	280.80	10	24.62	10	10	10
1/4	1,169.01	1/4	553.40	1/4	275.21	1/4	22.02	1/4	1/4	1/4
1/2	1,162.20	1/2	547.41	1/2	269.61	1/2	19.41	1/2	1/2	1/2
3/4	1,155.38	3/4	541.42	3/4	264.01	3/4	16.80	3/4	3/4	3/4
11	1,148.57	11	535.44	11	258.41	11	14.20	11	11	11
1/4	1,141.79	1/4	529.48	1/4	252.85	1/4	11.59	1/4	1/4	1/4
1/2	1,135.01	1/2	523.53	1/2	247.28	1/2	9.98	1/2	1/2	1/2
3/4	1,128.23	3/4	517.57	3/4	241.72	3/4	8.37	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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EMS 368
Enterprise Marine Services LLC

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	1,883.14	0	1,495.46	0	1,107.77	0	726.15	0	347.69	0	0	0	0	0	0	0	0	0	0
1/4	1,875.06	1/4	1,487.38	1/4	1,099.70	1/4	718.39	1/4	339.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,866.98	1/2	1,479.30	1/2	1,091.62	1/2	710.64	1/2	331.54	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,858.91	3/4	1,471.23	3/4	1,083.54	3/4	702.88	3/4	323.46	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,850.83	1	1,463.15	1	1,075.47	1	695.13	1	315.38	1	1	1	1	1	1	1	1	1	1
1/4	1,842.75	1/4	1,455.07	1/4	1,067.39	1/4	687.37	1/4	307.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,834.68	1/2	1,447.00	1/2	1,059.31	1/2	679.62	1/2	299.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,826.60	3/4	1,438.92	3/4	1,051.24	3/4	671.87	3/4	291.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,818.52	2	1,430.84	2	1,043.16	2	664.11	2	283.08	2	2	2	2	2	2	2	2	2	2
1/4	1,810.45	1/4	1,422.76	1/4	1,035.08	1/4	656.36	1/4	275.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,802.37	1/2	1,414.69	1/2	1,027.01	1/2	648.60	1/2	266.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,794.29	3/4	1,406.61	3/4	1,018.93	3/4	640.85	3/4	258.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,786.22	3	1,398.53	3	1,010.85	3	633.10	3	250.77	3	3	3	3	3	3	3	3	3	3
1/4	1,778.14	1/4	1,390.46	1/4	1,002.78	1/4	625.34	1/4	242.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,770.06	1/2	1,382.38	1/2	994.70	1/2	617.59	1/2	234.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,761.99	3/4	1,374.30	3/4	986.62	3/4	609.83	3/4	226.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,753.91	4	1,366.23	4	978.55	4	602.08	4	218.47	4	4	4	4	4	4	4	4	4	4
1/4	1,745.83	1/4	1,358.15	1/4	970.47	1/4	594.32	1/4	210.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,737.76	1/2	1,350.07	1/2	962.39	1/2	586.57	1/2	202.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,729.68	3/4	1,342.00	3/4	954.32	3/4	578.81	3/4	194.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,721.60	5	1,333.92	5	946.24	5	571.05	5	186.16	5	5	5	5	5	5	5	5	5	5
1/4	1,713.53	1/4	1,325.84	1/4	938.16	1/4	563.29	1/4	178.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,705.45	1/2	1,317.77	1/2	930.09	1/2	555.53	1/2	170.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,697.37	3/4	1,309.69	3/4	922.01	3/4	547.77	3/4	161.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,689.30	6	1,301.61	6	913.93	6	539.99	6	153.85	6	6	6	6	6	6	6	6	6	6
1/4	1,681.22	1/4	1,293.54	1/4	905.86	1/4	532.22	1/4	145.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,673.14	1/2	1,285.46	1/2	897.78	1/2	524.45	1/2	137.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,665.07	3/4	1,277.38	3/4	889.70	3/4	516.68	3/4	129.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,656.99	7	1,269.31	7	881.78	7	508.76	7	121.55	7	7	7	7	7	7	7	7	7	7
1/4	1,648.91	1/4	1,261.23	1/4	873.86	1/4	500.83	1/4	113.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,640.84	1/2	1,253.15	1/2	865.93	1/2	492.91	1/2	105.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,632.76	3/4	1,245.08	3/4	858.01	3/4	484.99	3/4	97.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,624.68	8	1,237.00	8	850.25	8	476.91	8	89.24	8	8	8	8	8	8	8	8	8	8
1/4	1,616.61	1/4	1,228.92	1/4	842.48	1/4	468.83	1/4	81.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,608.53	1/2	1,220.85	1/2	834.72	1/2	460.76	1/2	73.09	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,600.45	3/4	1,212.77	3/4	826.96	3/4	452.68	3/4	65.01	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,592.38	9	1,204.69	9	819.21	9	444.60	9	57.95	9	9	9	9	9	9	9	9	9	9
1/4	1,584.30	1/4	1,196.62	1/4	811.45	1/4	436.53	1/4	50.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,576.22	1/2	1,188.54	1/2	803.70	1/2	428.45	1/2	43.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,568.15	3/4	1,180.46	3/4	795.94	3/4	420.38	3/4	36.74	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,560.07	10	1,172.39	10	788.19	10	412.30	10	31.69	10	10	10	10	10	10	10	10	10	10
1/4	1,551.99	1/4	1,164.31	1/4	780.43	1/4	404.22	1/4	26.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,543.92	1/2	1,156.23	1/2	772.68	1/2	396.15	1/2	21.60	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,535.84	3/4	1,148.16	3/4	764.92	3/4	388.07	3/4	16.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,527.76	11	1,140.08	11	757.17	11	379.99	11	11.48	11	11	11	11	11	11	11	11	11	11
1/4	1,519.69	1/4	1,132.00	1/4	749.41	1/4	371.92	1/4	6.41	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,511.61	1/2	1,123.93	1/2	741.66	1/2	363.84	1/2	1.34	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,503.53	3/4	1,115.85	3/4	733.90	3/4	355.76	3/4	0.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2008 CL - SW
CALCULATED: 11/20/2008 CL
PRINTED: 11/20/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

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



EMS 368
Enterprise Marine Services LLC

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,905.05	0	1,130.03	0	355.61	0	0	0	0	0
1/4	1,896.98	1/4	1,121.96	1/4	347.53	1/4	1/4	1/4	1/4	1/4
1/2	1,888.90	1/2	1,113.88	1/2	339.46	1/2	1/2	1/2	1/2	1/2
3/4	1,880.83	3/4	1,105.81	3/4	331.39	3/4	3/4	3/4	3/4	3/4
1	1,872.76	1	1,097.74	1	323.31	1	1	1	1	1
1/4	1,864.68	1/4	1,089.67	1/4	315.24	1/4	1/4	1/4	1/4	1/4
1/2	1,856.61	1/2	1,081.59	1/2	307.17	1/2	1/2	1/2	1/2	1/2
3/4	1,848.54	3/4	1,073.52	3/4	299.10	3/4	3/4	3/4	3/4	3/4
2	1,840.46	2	1,065.45	2	291.02	2	2	2	2	2
1/4	1,832.39	1/4	1,057.37	1/4	282.95	1/4	1/4	1/4	1/4	1/4
1/2	1,824.32	1/2	1,049.30	1/2	274.88	1/2	1/2	1/2	1/2	1/2
3/4	1,816.24	3/4	1,041.23	3/4	266.80	3/4	3/4	3/4	3/4	3/4
3	1,808.17	3	1,033.15	3	258.73	3	3	3	3	3
1/4	1,800.10	1/4	1,025.08	1/4	250.66	1/4	1/4	1/4	1/4	1/4
1/2	1,792.02	1/2	1,017.01	1/2	242.59	1/2	1/2	1/2	1/2	1/2
3/4	1,783.95	3/4	1,008.93	3/4	234.51	3/4	3/4	3/4	3/4	3/4
4	1,775.88	4	1,000.86	4	226.44	4	4	4	4	4
1/4	1,767.81	1/4	992.79	1/4	218.37	1/4	1/4	1/4	1/4	1/4
1/2	1,759.73	1/2	984.71	1/2	210.30	1/2	1/2	1/2	1/2	1/2
3/4	1,751.66	3/4	976.64	3/4	202.22	3/4	3/4	3/4	3/4	3/4
5	1,743.59	5	968.57	5	194.15	5	5	5	5	5
1/4	1,735.51	1/4	960.50	1/4	186.08	1/4	1/4	1/4	1/4	1/4
1/2	1,727.44	1/2	952.42	1/2	178.00	1/2	1/2	1/2	1/2	1/2
3/4	1,719.37	3/4	944.35	3/4	169.93	3/4	3/4	3/4	3/4	3/4
6	1,711.29	6	936.28	6	161.86	6	6	6	6	6
1/4	1,703.22	1/4	928.20	1/4	153.79	1/4	1/4	1/4	1/4	1/4
1/2	1,695.15	1/2	920.13	1/2	145.71	1/2	1/2	1/2	1/2	1/2
3/4	1,687.07	3/4	912.06	3/4	137.64	3/4	3/4	3/4	3/4	3/4
7	1,679.00	7	903.98	7	129.57	7	7	7	7	7
1/4	1,670.93	1/4	895.91	1/4	121.49	1/4	1/4	1/4	1/4	1/4
1/2	1,662.86	1/2	887.84	1/2	113.42	1/2	1/2	1/2	1/2	1/2
3/4	1,654.78	3/4	879.76	3/4	105.35	3/4	3/4	3/4	3/4	3/4
8	1,646.71	8	871.69	8	97.28	8	8	8	8	8
1/4	1,638.64	1/4	863.63	1/4	89.20	1/4	1/4	1/4	1/4	1/4
1/2	1,630.56	1/2	855.56	1/2	81.13	1/2	1/2	1/2	1/2	1/2
3/4	1,622.49	3/4	847.50	3/4	73.06	3/4	3/4	3/4	3/4	3/4
9	1,614.42	9	839.43	9	64.98	9	9	9	9	9
1/4	1,606.34	1/4	831.38	1/4	57.92	1/4	1/4	1/4	1/4	1/4
1/2	1,598.27	1/2	823.32	1/2	50.86	1/2	1/2	1/2	1/2	1/2
3/4	1,590.20	3/4	815.26	3/4	43.79	3/4	3/4	3/4	3/4	3/4
10	1,582.12	10	807.21	10	36.73	10	10	10	10	10
1/4	1,574.05	1/4	799.15	1/4	31.68	1/4	1/4	1/4	1/4	1/4
1/2	1,565.98	1/2	791.09	1/2	26.63	1/2	1/2	1/2	1/2	1/2
3/4	1,557.90	3/4	783.03	3/4	21.59	3/4	3/4	3/4	3/4	3/4
11	1,549.83	11	774.98	11	16.54	11	11	11	11	11
1/4	1,541.76	1/4	766.92	1/4	11.49	1/4	1/4	1/4	1/4	1/4
1/2	1,533.69	1/2	758.86	1/2	6.44	1/2	1/2	1/2	1/2	1/2
3/4	1,525.61	3/4	750.80	3/4	1.39	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2892
Pearland, Texas 77588
http://www.pmacorp.net



EMS 368
Enterprise Marine Services LLC

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,759.33	0	1,038.67	0	331.25	0	0	0	0	0
1/4	1,751.84	1/4	1,031.15	1/4	323.73	1/4	1/4	1/4	1/4	1/4
1/2	1,744.35	1/2	1,023.64	1/2	316.21	1/2	1/2	1/2	1/2	1/2
3/4	1,736.85	3/4	1,016.13	3/4	308.69	3/4	3/4	3/4	3/4	3/4
1	1,729.36	1	1,008.61	1	301.17	1	1	1	1	1
1/4	1,721.87	1/4	1,001.10	1/4	293.65	1/4	1/4	1/4	1/4	1/4
1/2	1,714.37	1/2	993.58	1/2	286.13	1/2	1/2	1/2	1/2	1/2
3/4	1,706.88	3/4	986.07	3/4	278.61	3/4	3/4	3/4	3/4	3/4
2	1,699.39	2	978.56	2	271.09	2	2	2	2	2
1/4	1,691.89	1/4	971.04	1/4	263.57	1/4	1/4	1/4	1/4	1/4
1/2	1,684.40	1/2	963.53	1/2	256.06	1/2	1/2	1/2	1/2	1/2
3/4	1,676.91	3/4	956.02	3/4	248.54	3/4	3/4	3/4	3/4	3/4
3	1,669.41	3	948.50	3	241.02	3	3	3	3	3
1/4	1,661.92	1/4	940.99	1/4	233.50	1/4	1/4	1/4	1/4	1/4
1/2	1,654.42	1/2	933.48	1/2	225.98	1/2	1/2	1/2	1/2	1/2
3/4	1,646.93	3/4	925.96	3/4	218.46	3/4	3/4	3/4	3/4	3/4
4	1,639.44	4	918.45	4	210.94	4	4	4	4	4
1/4	1,631.94	1/4	910.93	1/4	203.42	1/4	1/4	1/4	1/4	1/4
1/2	1,624.45	1/2	903.42	1/2	195.90	1/2	1/2	1/2	1/2	1/2
3/4	1,616.96	3/4	895.91	3/4	188.38	3/4	3/4	3/4	3/4	3/4
5	1,609.46	5	888.39	5	180.86	5	5	5	5	5
1/4	1,601.97	1/4	880.88	1/4	173.34	1/4	1/4	1/4	1/4	1/4
1/2	1,594.48	1/2	873.37	1/2	165.83	1/2	1/2	1/2	1/2	1/2
3/4	1,586.98	3/4	865.85	3/4	158.31	3/4	3/4	3/4	3/4	3/4
6	1,579.49	6	858.34	6	150.79	6	6	6	6	6
1/4	1,572.00	1/4	850.82	1/4	143.27	1/4	1/4	1/4	1/4	1/4
1/2	1,564.50	1/2	843.31	1/2	135.75	1/2	1/2	1/2	1/2	1/2
3/4	1,557.01	3/4	835.80	3/4	128.23	3/4	3/4	3/4	3/4	3/4
7	1,549.52	7	828.28	7	120.71	7	7	7	7	7
1/4	1,542.02	1/4	820.90	1/4	113.19	1/4	1/4	1/4	1/4	1/4
1/2	1,534.53	1/2	813.53	1/2	105.67	1/2	1/2	1/2	1/2	1/2
3/4	1,527.04	3/4	806.15	3/4	98.15	3/4	3/4	3/4	3/4	3/4
8	1,519.54	8	798.77	8	90.63	8	8	8	8	8
1/4	1,512.03	1/4	791.53	1/4	83.11	1/4	1/4	1/4	1/4	1/4
1/2	1,504.52	1/2	784.30	1/2	75.59	1/2	1/2	1/2	1/2	1/2
3/4	1,497.00	3/4	777.06	3/4	68.08	3/4	3/4	3/4	3/4	3/4
9	1,489.49	9	769.83	9	60.56	9	9	9	9	9
1/4	1,481.98	1/4	762.60	1/4	53.98	1/4	1/4	1/4	1/4	1/4
1/2	1,474.46	1/2	755.37	1/2	47.40	1/2	1/2	1/2	1/2	1/2
3/4	1,466.95	3/4	748.14	3/4	40.82	3/4	3/4	3/4	3/4	3/4
10	1,459.43	10	740.92	10	34.24	10	10	10	10	10
1/4	1,451.92	1/4	733.70	1/4	29.54	1/4	1/4	1/4	1/4	1/4
1/2	1,444.41	1/2	726.48	1/2	24.84	1/2	1/2	1/2	1/2	1/2
3/4	1,436.89	3/4	719.27	3/4	20.14	3/4	3/4	3/4	3/4	3/4
11	1,429.38	11	712.05	11	15.44	11	11	11	11	11
1/4	1,421.87	1/4	704.83	1/4	10.74	1/4	1/4	1/4	1/4	1/4
1/2	1,414.35	1/2	697.61	1/2	6.04	1/2	1/2	1/2	1/2	1/2
3/4	1,406.84	3/4	690.40	3/4	1.34	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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EMS 368
Enterprise Marine Services LLC

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 14'-11"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,759.10	0	1,400.83	0	1,040.05	0	684.03	0	331.17	0
1/4	1,751.64	1/4	1,393.31	1/4	1,032.53	1/4	676.78	1/4	323.66	1/4
1/2	1,744.18	1/2	1,385.79	1/2	1,025.02	1/2	669.53	1/2	316.14	1/2
3/4	1,736.72	3/4	1,378.28	3/4	1,017.50	3/4	662.28	3/4	308.63	3/4
1	1,729.26	1	1,370.76	1	1,009.98	1	655.04	1	301.11	1
1/4	1,721.80	1/4	1,363.25	1/4	1,002.47	1/4	647.79	1/4	293.59	1/4
1/2	1,714.34	1/2	1,355.73	1/2	994.95	1/2	640.54	1/2	286.08	1/2
3/4	1,706.88	3/4	1,348.21	3/4	987.44	3/4	633.29	3/4	278.56	3/4
2	1,699.42	2	1,340.70	2	979.92	2	626.05	2	271.05	2
1/4	1,691.96	1/4	1,333.18	1/4	972.40	1/4	618.80	1/4	263.53	1/4
1/2	1,684.50	1/2	1,325.66	1/2	964.89	1/2	611.55	1/2	256.01	1/2
3/4	1,677.04	3/4	1,318.15	3/4	957.37	3/4	604.30	3/4	248.50	3/4
3	1,669.59	3	1,310.63	3	949.85	3	597.06	3	240.98	3
1/4	1,662.13	1/4	1,303.12	1/4	942.34	1/4	589.81	1/4	233.47	1/4
1/2	1,654.67	1/2	1,295.60	1/2	934.82	1/2	582.56	1/2	225.95	1/2
3/4	1,647.21	3/4	1,288.08	3/4	927.31	3/4	575.31	3/4	218.43	3/4
4	1,639.75	4	1,280.57	4	919.79	4	568.06	4	210.92	4
1/4	1,632.29	1/4	1,273.05	1/4	912.27	1/4	560.81	1/4	203.40	1/4
1/2	1,624.83	1/2	1,265.53	1/2	904.76	1/2	553.57	1/2	195.89	1/2
3/4	1,617.37	3/4	1,258.02	3/4	897.24	3/4	546.32	3/4	188.37	3/4
5	1,609.91	5	1,250.50	5	889.72	5	539.07	5	180.85	5
1/4	1,602.45	1/4	1,242.99	1/4	882.21	1/4	531.81	1/4	173.34	1/4
1/2	1,594.99	1/2	1,235.47	1/2	874.69	1/2	524.56	1/2	165.82	1/2
3/4	1,587.53	3/4	1,227.95	3/4	867.18	3/4	517.30	3/4	158.31	3/4
6	1,580.08	6	1,220.44	6	859.66	6	510.05	6	150.79	6
1/4	1,572.62	1/4	1,212.92	1/4	852.14	1/4	502.78	1/4	143.27	1/4
1/2	1,565.16	1/2	1,205.41	1/2	844.63	1/2	495.52	1/2	135.76	1/2
3/4	1,557.70	3/4	1,197.89	3/4	837.11	3/4	488.25	3/4	128.24	3/4
7	1,550.24	7	1,190.37	7	829.60	7	480.99	7	120.73	7
1/4	1,542.78	1/4	1,182.86	1/4	822.20	1/4	473.60	1/4	113.21	1/4
1/2	1,535.32	1/2	1,175.34	1/2	814.81	1/2	466.21	1/2	105.69	1/2
3/4	1,527.86	3/4	1,167.82	3/4	807.42	3/4	458.82	3/4	98.18	3/4
8	1,520.40	8	1,160.31	8	800.03	8	451.43	8	90.66	8
1/4	1,512.94	1/4	1,152.79	1/4	792.78	1/4	443.91	1/4	83.15	1/4
1/2	1,505.48	1/2	1,145.28	1/2	785.52	1/2	436.40	1/2	75.63	1/2
3/4	1,498.02	3/4	1,137.76	3/4	778.27	3/4	428.88	3/4	68.11	3/4
9	1,490.56	9	1,130.24	9	771.01	9	421.37	9	60.60	9
1/4	1,483.11	1/4	1,122.73	1/4	763.76	1/4	413.85	1/4	54.02	1/4
1/2	1,475.65	1/2	1,115.21	1/2	756.52	1/2	406.33	1/2	47.44	1/2
3/4	1,468.19	3/4	1,107.69	3/4	749.27	3/4	398.82	3/4	40.87	3/4
10	1,460.73	10	1,100.18	10	742.02	10	391.30	10	34.29	10
1/4	1,453.27	1/4	1,092.66	1/4	734.77	1/4	383.79	1/4	29.59	1/4
1/2	1,445.81	1/2	1,085.15	1/2	727.52	1/2	376.27	1/2	24.88	1/2
3/4	1,438.35	3/4	1,077.63	3/4	720.27	3/4	368.75	3/4	20.17	3/4
11	1,430.89	11	1,070.11	11	713.02	11	361.24	11	15.47	11
1/4	1,423.38	1/4	1,062.60	1/4	705.78	1/4	353.72	1/4	10.76	1/4
1/2	1,415.86	1/2	1,055.08	1/2	698.53	1/2	346.21	1/2	6.05	1/2
3/4	1,408.34	3/4	1,047.57	3/4	691.28	3/4	338.69	3/4	1.34	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2008 CL - SW
CALCULATED: 11/20/2008 CL
PRINTED: 11/20/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

PRECISION MEASUREMENT
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