



# BARGE "EMS 507"

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

May 9, 2019

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

<http://www.pmacorp.net>

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN		0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	10.37	0	262.79	0	554.41	0	874.53	0	1,213.58	0	1,564.10	0	1,934.62	0	2,335.13	0	2,765.63	0	3,236.13	0	3,746.63
1/4	13.68	1/4	268.68	1/4	560.81	1/4	881.50	1/4	1,220.67	1/4	1,571.19	1/4	1,941.71	1/4	2,342.22	1/4	2,772.72	1/4	3,243.22	1/4	3,753.72
1/2	16.99	1/2	274.38	1/2	567.22	1/2	888.48	1/2	1,227.77	1/2	1,578.29	1/2	1,948.81	1/2	2,349.32	1/2	2,779.82	1/2	3,250.32	1/2	3,760.82
3/4	20.30	3/4	280.17	3/4	573.62	3/4	895.45	3/4	1,234.86	3/4	1,585.38	3/4	1,955.90	3/4	2,356.41	3/4	2,786.91	3/4	3,257.41	3/4	3,767.91
1	23.61	1	285.97	1	580.03	1	902.43	1	1,241.96	1	1,592.47	1	1,962.99	1	2,363.50	1	2,794.00	1	3,264.50	1	3,775.00
1 1/4	28.36	1 1/4	291.82	1 1/4	586.48	1 1/4	908.44	1 1/4	1,249.05	1 1/4	1,599.57	1 1/4	1,969.09	1 1/4	2,370.60	1 1/4	2,801.10	1 1/4	3,271.60	1 1/4	3,782.10
1 1/2	32.90	1 1/2	297.66	1 1/2	592.95	1 1/2	915.46	1 1/2	1,256.14	1 1/2	1,606.66	1 1/2	1,976.18	1 1/2	2,377.69	1 1/2	2,808.19	1 1/2	3,278.69	1 1/2	3,789.19
3/4	37.94	3/4	303.51	3/4	599.40	3/4	923.48	3/4	1,261.24	3/4	1,611.76	3/4	1,981.28	3/4	2,382.79	3/4	2,813.29	3/4	3,283.79	3/4	3,794.29
2	42.18	2	309.35	2	605.86	2	930.50	2	1,270.33	2	1,620.85	2	1,991.37	2	2,392.88	2	2,823.38	2	3,293.88	2	3,804.38
1 1/4	47.47	1 1/4	315.25	1 1/4	612.37	1 1/4	937.55	1 1/4	1,277.43	1 1/4	1,627.94	1 1/4	2,008.46	1 1/4	2,409.97	1 1/4	2,840.47	1 1/4	3,310.97	1 1/4	3,821.47
1 1/2	52.76	1 1/2	321.15	1 1/2	618.88	1 1/2	944.59	1 1/2	1,284.52	1 1/2	1,635.03	1 1/2	2,015.55	1 1/2	2,416.06	1 1/2	2,846.56	1 1/2	3,317.06	1 1/2	3,827.56
3/4	58.04	3/4	327.05	3/4	625.38	3/4	951.63	3/4	1,291.61	3/4	1,642.12	3/4	2,022.64	3/4	2,423.15	3/4	2,853.65	3/4	3,323.15	3/4	3,833.65
3	63.33	3	332.94	3	631.89	3	958.68	3	1,298.71	3	1,649.22	3	2,029.74	3	2,430.25	3	2,860.75	3	3,330.25	3	3,840.75
1 1/4	68.66	1 1/4	338.89	1 1/4	638.45	1 1/4	965.73	1 1/4	1,305.80	1 1/4	1,656.31	1 1/4	2,030.83	1 1/4	2,431.34	1 1/4	2,861.84	1 1/4	3,331.34	1 1/4	3,841.84
1 1/2	74.00	1 1/2	344.84	1 1/2	645.01	1 1/2	972.78	1 1/2	1,312.90	1 1/2	1,667.41	1 1/2	2,041.93	1 1/2	2,442.44	1 1/2	2,872.94	1 1/2	3,342.44	1 1/2	3,852.94
3/4	79.34	3/4	350.79	3/4	651.57	3/4	979.83	3/4	1,319.99	3/4	1,678.52	3/4	2,051.04	3/4	2,451.55	3/4	2,882.05	3/4	3,352.55	3/4	3,863.05
4	84.67	4	356.73	4	658.13	4	986.88	4	1,327.08	4	1,687.60	4	2,058.12	4	2,458.63	4	2,889.13	4	3,359.63	4	3,870.13
1 1/4	90.06	1 1/4	362.73	1 1/4	664.74	1 1/4	993.94	1 1/4	1,334.18	1 1/4	1,698.71	1 1/4	2,065.23	1 1/4	2,465.74	1 1/4	2,896.24	1 1/4	3,366.74	1 1/4	3,877.24
1 1/2	95.45	1 1/2	368.73	1 1/2	671.35	1 1/2	1,001.00	1 1/2	1,341.27	1 1/2	1,706.04	1 1/2	2,073.16	1 1/2	2,473.67	1 1/2	2,904.17	1 1/2	3,374.67	1 1/2	3,885.17
3/4	100.84	3/4	374.73	3/4	677.96	3/4	1,008.05	3/4	1,348.37	3/4	1,713.15	3/4	2,080.27	3/4	2,480.78	3/4	2,911.28	3/4	3,381.78	3/4	3,892.28
5	106.23	5	380.73	5	684.57	5	1,015.11	5	1,355.46	5	1,720.24	5	2,087.36	5	2,487.87	5	2,918.37	5	3,388.87	5	3,899.37
1 1/4	111.67	1 1/4	386.78	1 1/4	691.23	1 1/4	1,022.17	1 1/4	1,362.56	1 1/4	1,727.34	1 1/4	2,094.46	1 1/4	2,494.97	1 1/4	2,925.47	1 1/4	3,395.97	1 1/4	3,906.47
1 1/2	117.10	1 1/2	392.83	1 1/2	697.89	1 1/2	1,029.24	1 1/2	1,369.65	1 1/2	1,734.43	1 1/2	2,101.55	1 1/2	2,502.06	1 1/2	2,932.56	1 1/2	3,403.06	1 1/2	3,913.56
3/4	122.54	3/4	398.88	3/4	704.55	3/4	1,036.31	3/4	1,376.74	3/4	1,739.62	3/4	2,106.74	3/4	2,507.25	3/4	2,937.75	3/4	3,408.25	3/4	3,918.75
6	127.98	6	404.93	6	711.21	6	1,043.37	6	1,383.84	6	1,744.35	6	2,111.47	6	2,511.98	6	2,942.48	6	3,412.98	6	3,923.48
1 1/4	133.47	1 1/4	411.03	1 1/4	717.91	1 1/4	1,050.45	1 1/4	1,390.93	1 1/4	1,751.45	1 1/4	2,118.57	1 1/4	2,519.08	1 1/4	2,949.58	1 1/4	3,419.08	1 1/4	3,929.58
1 1/2	138.96	1 1/2	417.13	1 1/2	724.81	1 1/2	1,057.53	1 1/2	1,398.03	1 1/2	1,756.54	1 1/2	2,125.66	1 1/2	2,526.17	1 1/2	2,956.67	1 1/2	3,426.17	1 1/2	3,936.67
3/4	144.45	3/4	423.23	3/4	731.30	3/4	1,064.62	3/4	1,405.12	3/4	1,761.64	3/4	2,128.76	3/4	2,529.27	3/4	2,959.77	3/4	3,429.27	3/4	3,939.77
7	149.94	7	429.33	7	738.00	7	1,071.70	7	1,412.21	7	1,767.73	7	2,134.85	7	2,535.36	7	2,965.86	7	3,435.36	7	3,945.86
1 1/4	155.43	1 1/4	435.49	1 1/4	744.73	1 1/4	1,078.79	1 1/4	1,419.31	1 1/4	1,774.83	1 1/4	2,141.95	1 1/4	2,542.46	1 1/4	2,972.96	1 1/4	3,442.46	1 1/4	3,952.96
1 1/2	160.92	1 1/2	441.54	1 1/2	751.46	1 1/2	1,085.89	1 1/2	1,426.40	1 1/2	1,781.92	1 1/2	2,149.04	1 1/2	2,549.55	1 1/2	2,979.05	1 1/2	3,449.55	1 1/2	3,959.05
3/4	166.56	3/4	447.79	3/4	758.20	3/4	1,092.98	3/4	1,433.50	3/4	1,788.94	3/4	2,156.06	3/4	2,556.57	3/4	2,986.07	3/4	3,456.57	3/4	3,966.07
8	172.10	8	453.94	8	764.93	8	1,100.07	8	1,440.59	8	1,794.01	8	2,161.13	8	2,561.64	8	2,991.14	8	3,461.64	8	3,971.14
1 1/4	177.69	1 1/4	460.14	1 1/4	771.71	1 1/4	1,107.17	1 1/4	1,447.71	1 1/4	1,799.13	1 1/4	2,164.25	1 1/4	2,564.76	1 1/4	2,994.26	1 1/4	3,464.76	1 1/4	3,974.26
1 1/2	183.29	1 1/2	466.35	1 1/2	778.49	1 1/2	1,114.26	1 1/2	1,454.78	1 1/2	1,804.15	1 1/2	2,170.27	1 1/2	2,570.78	1 1/2	2,999.28	1 1/2	3,469.78	1 1/2	3,979.28
3/4	188.88	3/4	472.55	3/4	785.27	3/4	1,121.36	3/4	1,461.87	3/4	1,811.24	3/4	2,176.35	3/4	2,576.86	3/4	2,995.36	3/4	3,475.86	3/4	3,984.36
9	194.47	9	478.75	9	792.05	9	1,128.45	9	1,468.97	9	1,818.85	9	2,181.97	9	2,582.48	9	2,990.98	9	3,480.48	9	3,990.98
1 1/4	200.11	1 1/4	485.00	1 1/4	798.87	1 1/4	1,135.54	1 1/4	1,476.05	1 1/4	1,826.93	1 1/4	2,190.05	1 1/4	2,590.56	1 1/4	2,999.06	1 1/4	3,488.56	1 1/4	3,999.06
1 1/2	205.76	1 1/2	491.26	1 1/2	805.88	1 1/2	1,142.64	1 1/2	1,483.16	1 1/2	1,833.04	1 1/2	2,196.16	1 1/2	2,596.67	1 1/2	2,995.17	1 1/2	3,483.67	1 1/2	3,994.17
3/4	211.40	3/4	497.61	3/4	812.62	3/4	1,149.73	3/4	1,490.25	3/4	1,839.13	3/4	2,201.25	3/4	2,601.76	3/4	3,000.26	3/4	3,489.76	3/4	4,000.26
10	217.04	10	503.77	10	819.34	10	1,156.83	10	1,497.34	10	1,837.86	10	2,208.98	10	2,609.49	10	3,007.99	10	3,497.49	10	4,007.99
1 1/4	222.73	1 1/4	510.07	1 1/4	826.22	1 1/4	1,163.92	1 1/4	1,504.44	1 1/4	1,844.96	1 1/4	2,214.08	1 1/4	2,614.59	1 1/4	3,013.09	1 1/4	3,502.59	1 1/4	4,013.09
1 1/2	228.42	1 1/2	516.37	1 1/2	833.09	1 1/2	1,171.01	1 1/2	1,511.53	1 1/2	1,852.05	1 1/2	2,221.17	1 1/2	2,621.68	1 1/2	3,020.18	1 1/2	3,509.68	1 1/2	4,019.68
3/4	234.12	3/4	522.66	3/4	839.96	3/4	1,178.11	3/4	1,518.63	3/4	1,859.15	3/4	2,231.27	3/4	2,631.78	3/4	3,030.28	3/4	3,519.78	3/4	4,029.28
11	239.81	11	528.98	11	846.83	11	1,185.20	11	1,525.72	11	1,866.24	11	2,236.36	11	2,636.87	11	3,035.37	11	3,524.87	11	4,034.37
1 1/4	245.56	1 1/4	535.34	1 1/4	853.76	1 1/4	1,192.30	1 1/4	1,532.81	1 1/4	1,873.34	1 1/4	2,241.46	1 1/4	2,641.97	1 1/4	3,040.47	1 1/4	3,529.97	1 1/4	4,039.47
1 1/2	251.30	1 1/2	541.59	1 1/2	860.68	1 1/2	1,199.39	1 1/2	1,539.91	1 1/2	1,880.43	1 1/2	2,250.59	1 1/2	2,651.10	1 1/2	3,049.60	1 1/2	3,538.10	1 1/2	4,048.60
3/4	257.04	3/4	548.05	3/4	867.80	3/4	1,206.49	3/4	1,547.00	3/4	1,887.52	3/4	2,257.71	3/4	2,658.22	3/4	3,056.71	3/4	3,545.22	3/4	4,057.71

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2082

Pearland



# BARGE "EMS 507"

## 1 PORT INNAGE 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	3,256.64	1/4	3,597.16	1/4	3,933.11	1/4	4,247.17	1/4	4,537.30	1/4	4,804.15	1/4	5,057.11	1/4	5,295.44	1/4	5,518.44	1/4	5,726.44
1/2	3,263.74	1/2	3,604.25	1/2	3,939.88	1/2	4,253.44	1/2	4,543.08	1/2	4,810.44	1/2	5,063.40	1/2	5,301.73	1/2	5,524.73	1/2	5,732.73
3/4	3,270.83	3/4	3,611.35	3/4	3,946.65	3/4	4,260.70	3/4	4,550.34	3/4	4,817.70	3/4	5,070.66	3/4	5,308.99	3/4	5,531.99	3/4	5,739.99
1	3,277.93	1	3,618.44	1	3,953.42	1	4,265.37	1	4,555.01	1	4,822.37	1	5,075.33	1	5,313.66	1	5,536.66	1	5,744.66
1 1/4	3,285.02	1 1/4	3,625.54	1 1/4	3,960.19	1 1/4	4,272.24	1 1/4	4,562.88	1 1/4	4,829.24	1 1/4	5,082.20	1 1/4	5,320.53	1 1/4	5,543.53	1 1/4	5,751.53
1 1/2	3,292.11	1 1/2	3,632.63	1 1/2	3,966.92	1 1/2	4,278.46	1 1/2	4,569.10	1 1/2	4,836.06	1 1/2	5,089.02	1 1/2	5,327.35	1 1/2	5,550.35	1 1/2	5,758.35
1 3/4	3,299.21	1 3/4	3,639.73	1 3/4	3,973.65	1 3/4	4,284.69	1 3/4	4,575.33	1 3/4	4,842.29	1 3/4	5,095.25	1 3/4	5,333.58	1 3/4	5,556.58	1 3/4	5,764.58
2	3,306.30	2	3,646.82	2	3,980.39	2	4,290.92	2	4,581.56	2	4,848.52	2	5,101.48	2	5,339.81	2	5,562.81	2	5,770.81
2 1/4	3,313.40	2 1/4	3,653.91	2 1/4	3,987.12	2 1/4	4,297.14	2 1/4	4,587.78	2 1/4	4,854.74	2 1/4	5,105.66	2 1/4	5,343.99	2 1/4	5,566.99	2 1/4	5,774.99
2 1/2	3,320.49	2 1/2	3,661.01	2 1/2	3,993.81	2 1/2	4,303.33	2 1/2	4,593.97	2 1/2	4,860.93	2 1/2	5,112.85	2 1/2	5,351.08	2 1/2	5,574.08	2 1/2	5,782.08
2 3/4	3,327.58	2 3/4	3,668.10	2 3/4	4,000.50	2 3/4	4,309.51	2 3/4	4,599.15	2 3/4	4,866.11	2 3/4	5,115.03	2 3/4	5,353.36	2 3/4	5,576.36	2 3/4	5,784.36
3	3,334.68	3	3,675.20	3	4,007.19	3	4,316.70	3	4,606.34	3	4,873.30	3	5,120.26	3	5,357.59	3	5,580.59	3	5,788.59
3 1/4	3,341.77	3 1/4	3,682.29	3 1/4	4,013.88	3 1/4	4,323.83	3 1/4	4,613.47	3 1/4	4,880.43	3 1/4	5,125.39	3 1/4	5,359.72	3 1/4	5,582.72	3 1/4	5,790.72
3 1/2	3,348.87	3 1/2	3,689.38	3 1/2	4,020.52	3 1/2	4,330.93	3 1/2	4,620.57	3 1/2	4,887.53	3 1/2	5,130.45	3 1/2	5,361.78	3 1/2	5,584.78	3 1/2	5,792.78
3 3/4	3,355.96	3 3/4	3,696.48	3 3/4	4,027.17	3 3/4	4,337.48	3 3/4	4,627.12	3 3/4	4,894.08	3 3/4	5,135.00	3 3/4	5,366.33	3 3/4	5,589.33	3 3/4	5,797.33
4	3,363.06	4	3,703.57	4	4,033.82	4	4,343.32	4	4,632.96	4	4,900.00	4	5,140.92	4	5,371.25	4	5,594.25	4	5,802.25
4 1/4	3,370.15	4 1/4	3,710.67	4 1/4	4,040.47	4 1/4	4,350.47	4 1/4	4,640.11	4 1/4	4,907.15	4 1/4	5,145.07	4 1/4	5,375.40	4 1/4	5,598.40	4 1/4	5,806.40
4 1/2	3,377.24	4 1/2	3,717.76	4 1/2	4,047.08	4 1/2	4,357.57	4 1/2	4,647.21	4 1/2	4,914.25	4 1/2	5,150.17	4 1/2	5,380.50	4 1/2	5,603.50	4 1/2	5,811.50
4 3/4	3,384.34	4 3/4	3,724.83	4 3/4	4,053.68	4 3/4	4,363.68	4 3/4	4,653.32	4 3/4	4,920.36	4 3/4	5,155.28	4 3/4	5,385.61	4 3/4	5,608.61	4 3/4	5,816.61
5	3,391.43	5	3,731.92	5	4,060.30	5	4,370.89	5	4,660.53	5	4,927.57	5	5,160.32	5	5,390.65	5	5,613.65	5	5,821.65
5 1/4	3,398.53	5 1/4	3,739.00	5 1/4	4,066.91	5 1/4	4,377.99	5 1/4	4,667.63	5 1/4	4,934.67	5 1/4	5,165.40	5 1/4	5,395.73	5 1/4	5,618.73	5 1/4	5,828.73
5 1/2	3,405.62	5 1/2	3,746.06	5 1/2	4,073.48	5 1/2	4,384.08	5 1/2	4,673.72	5 1/2	4,940.76	5 1/2	5,170.49	5 1/2	5,400.82	5 1/2	5,623.82	5 1/2	5,835.82
5 3/4	3,412.71	5 3/4	3,753.11	5 3/4	4,080.05	5 3/4	4,390.58	5 3/4	4,680.22	5 3/4	4,947.26	5 3/4	5,175.99	5 3/4	5,406.32	5 3/4	5,629.32	5 3/4	5,841.32
6	3,419.81	6	3,760.16	6	4,086.62	6	4,396.68	6	4,686.32	6	4,953.36	6	5,181.09	6	5,411.42	6	5,634.42	6	5,846.42
6 1/4	3,426.90	6 1/4	3,767.22	6 1/4	4,093.19	6 1/4	4,403.19	6 1/4	4,692.83	6 1/4	4,959.87	6 1/4	5,186.00	6 1/4	5,416.33	6 1/4	5,639.33	6 1/4	5,851.33
6 1/2	3,434.00	6 1/2	3,774.33	6 1/2	4,099.71	6 1/2	4,409.71	6 1/2	4,699.35	6 1/2	4,966.00	6 1/2	5,191.12	6 1/2	5,421.45	6 1/2	5,644.45	6 1/2	5,856.45
6 3/4	3,441.09	6 3/4	3,781.42	6 3/4	4,106.24	6 3/4	4,416.24	6 3/4	4,705.88	6 3/4	4,972.62	6 3/4	5,196.75	6 3/4	5,427.08	6 3/4	5,650.08	6 3/4	5,862.08
7	3,448.18	7	3,788.51	7	4,112.77	7	4,422.77	7	4,712.41	7	4,978.15	7	5,201.88	7	5,432.21	7	5,655.21	7	5,867.21
7 1/4	3,455.28	7 1/4	3,795.61	7 1/4	4,119.30	7 1/4	4,429.30	7 1/4	4,718.94	7 1/4	4,984.68	7 1/4	5,206.81	7 1/4	5,437.14	7 1/4	5,660.14	7 1/4	5,872.14
7 1/2	3,462.37	7 1/2	3,802.70	7 1/2	4,125.79	7 1/2	4,435.79	7 1/2	4,725.43	7 1/2	4,990.17	7 1/2	5,211.90	7 1/2	5,442.23	7 1/2	5,665.23	7 1/2	5,877.23
7 3/4	3,469.47	7 3/4	3,809.82	7 3/4	4,132.27	7 3/4	4,442.27	7 3/4	4,731.91	7 3/4	4,996.65	7 3/4	5,216.93	7 3/4	5,447.26	7 3/4	5,670.26	7 3/4	5,882.26
8	3,476.56	8	3,816.91	8	4,138.76	8	4,448.76	8	4,738.40	8	5,003.14	8	5,218.07	8	5,449.40	8	5,672.40	8	5,884.40
8 1/4	3,483.65	8 1/4	3,823.16	8 1/4	4,145.25	8 1/4	4,455.25	8 1/4	4,744.89	8 1/4	5,009.27	8 1/4	5,223.20	8 1/4	5,454.53	8 1/4	5,677.53	8 1/4	5,889.53
8 1/2	3,490.75	8 1/2	3,830.09	8 1/2	4,151.69	8 1/2	4,461.69	8 1/2	4,751.33	8 1/2	5,014.70	8 1/2	5,228.63	8 1/2	5,459.96	8 1/2	5,682.96	8 1/2	5,894.96
8 3/4	3,497.84	8 3/4	3,837.03	8 3/4	4,158.13	8 3/4	4,468.13	8 3/4	4,757.77	8 3/4	5,019.73	8 3/4	5,233.66	8 3/4	5,464.99	8 3/4	5,687.99	8 3/4	5,899.99
9	3,504.94	9	3,843.96	9	4,164.56	9	4,474.56	9	4,764.20	9	5,025.17	9	5,238.10	9	5,469.43	9	5,692.43	9	5,904.43
9 1/4	3,512.03	9 1/4	3,850.89	9 1/4	4,171.00	9 1/4	4,481.00	9 1/4	4,770.64	9 1/4	5,030.20	9 1/4	5,242.13	9 1/4	5,473.46	9 1/4	5,696.46	9 1/4	5,908.46
9 1/2	3,519.13	9 1/2	3,857.78	9 1/2	4,177.39	9 1/2	4,487.39	9 1/2	4,777.03	9 1/2	5,035.59	9 1/2	5,247.52	9 1/2	5,478.85	9 1/2	5,701.85	9 1/2	5,913.85
9 3/4	3,526.22	9 3/4	3,864.68	9 3/4	4,183.78	9 3/4	4,493.78	9 3/4	4,782.42	9 3/4	5,041.08	9 3/4	5,253.01	9 3/4	5,484.34	9 3/4	5,707.34	9 3/4	5,919.34
10	3,533.31	10	3,871.57	10	4,190.17	10	4,499.97	10	4,790.61	10	5,047.67	10	5,259.60	10	5,490.93	10	5,713.93	10	5,925.93
10 1/4	3,540.41	10 1/4	3,878.46	10 1/4	4,196.56	10 1/4	4,506.36	10 1/4	4,800.00	10 1/4	5,055.66	10 1/4	5,265.59	10 1/4	5,496.92	10 1/4	5,720.92	10 1/4	5,932.92
10 1/2	3,547.50	10 1/2	3,885.31	10 1/2	4,202.90	10 1/2	4,512.70	10 1/2	4,806.34	10 1/2	5,061.00	10 1/2	5,270.93	10 1/2	5,502.26	10 1/2	5,726.26	10 1/2	5,938.26
10 3/4	3,554.60	10 3/4	3,892.16	10 3/4	4,209.25	10 3/4	4,519.05	10 3/4	4,812.68	10 3/4	5,067.34	10 3/4	5,276.27	10 3/4	5,507.60	10 3/4	5,731.60	10 3/4	5,943.60
11	3,561.69	11	3,899.01	11	4,216.80	11	4,526.80	11	4,820.44	11	5,075.10	11	5,284.03	11	5,515.36	11	5,740.36	11	5,952.36
11 1/4	3,568.78	11 1/4	3,905.87	11 1/4	4,223.94	11 1/4	4,533.94	11 1/4	4,827.58	11 1/4	5,082.24	11 1/4	5,291.17	11 1/4	5,522.50	11 1/4	5,747.50	11 1/4	5,959.50
11 1/2	3,575.88	11 1/2	3,912.68	11 1/2	4,231.14	11 1/2	4,543.14	11 1/2	4,836.78	11 1/2	5,091.44	11 1/2	5,300.37	11 1/2	5,531.70	11 1/2	5,756.70	11 1/2	5,968.70
11 3/4	3,582.97	11 3/4	3,919.49	11 3/4	4,238.25	11 3/4	4,550.25	11 3/4	4,843.89	11 3/4	5,098.54	11 3/4	5,307.47	11 3/4	5,538.80	11 3/4	5,763.80	11 3/4	5,975.80
12	3,590.07	12	3,926.30	12	4,244.86	12	4,556.86	12	4,850.50	12	5,105.26	12	5,314.19	12	5,545.52	12	5,770.52	12	5,982.52

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BARGE "EMS 507"

1 STBD  
INNAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"																													
0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
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.	IN	12 FT.	IN	13 FT.	IN	
0	10.40	0	263.62	0	566.11	0	877.14	0	1,217.14	0	1,568.59	0	1,900.04	0	2,241.48	0	2,582.91	0	2,924.34	0	3,265.78	0	3,607.21	0	3,948.65	0	4,290.08	0	
1/4	13.72	1/4	269.43	1/4	562.53	1/4	884.14	1/4	1,224.26	1/4	1,566.71	1/4	1,907.16	1/4	2,248.61	1/4	2,590.06	1/4	2,931.50	1/4	3,272.95	1/4	3,614.39	1/4	3,955.84	1/4	4,297.28	1/4	
1/2	17.04	1/2	275.26	1/2	568.96	1/2	891.13	1/2	1,231.37	1/2	1,572.82	1/2	1,914.27	1/2	2,255.71	1/2	2,597.16	1/2	2,938.61	1/2	3,279.05	1/2	3,620.50	1/2	3,961.94	1/2	4,303.39	1/2	
3/4	20.36	3/4	281.06	3/4	574.79	3/4	898.13	3/4	1,238.48	3/4	1,579.93	3/4	1,921.38	3/4	2,262.82	3/4	2,604.25	3/4	2,945.68	3/4	3,286.13	3/4	3,627.58	3/4	3,969.03	3/4	4,310.48	3/4	
1	23.68	1	286.87	1	581.81	1	905.12	1	1,245.60	1	1,587.05	1	1,928.49	1	2,269.93	1	2,611.36	1	2,952.79	1	3,294.22	1	3,635.67	1	3,977.11	1	4,318.54	1	
1/4	27.00	1/4	292.74	1/4	588.28	1/4	912.16	1/4	1,252.71	1/4	1,594.16	1/4	1,935.61	1/4	2,277.05	1/4	2,618.48	1/4	2,960.90	1/4	3,302.33	1/4	3,643.78	1/4	3,985.23	1/4	4,326.68	1/4	
1/2	30.32	1/2	298.60	1/2	594.76	1/2	919.20	1/2	1,259.82	1/2	1,601.28	1/2	1,942.72	1/2	2,284.16	1/2	2,625.59	1/2	2,968.02	1/2	3,309.47	1/2	3,650.92	1/2	3,993.37	1/2	4,339.58	1/2	
3/4	33.64	3/4	304.46	3/4	601.23	3/4	926.34	3/4	1,266.94	3/4	1,608.39	3/4	1,949.84	3/4	2,291.27	3/4	2,632.70	3/4	2,975.13	3/4	3,316.58	3/4	3,658.03	3/4	3,999.48	3/4	4,352.49	3/4	
1	36.96	1	310.29	1	607.71	1	933.28	1	1,274.05	1	1,615.60	1	1,957.05	1	2,298.49	1	2,639.91	1	2,982.34	1	3,323.79	1	3,665.24	1	4,006.69	1	4,359.60	1	
1/4	40.28	1/4	316.24	1/4	614.24	1/4	940.34	1/4	1,281.16	1/4	1,622.62	1/4	1,964.06	1/4	2,305.50	1/4	2,646.93	1/4	2,989.36	1/4	3,331.80	1/4	3,673.25	1/4	4,013.70	1/4	4,372.51	1/4	
1/2	43.60	1/2	322.16	1/2	620.76	1/2	947.41	1/2	1,288.28	1/2	1,629.73	1/2	1,971.18	1/2	2,312.61	1/2	2,654.04	1/2	2,997.47	1/2	3,339.91	1/2	3,681.36	1/2	4,021.81	1/2	4,380.62	1/2	
3/4	46.92	3/4	328.07	3/4	627.29	3/4	954.47	3/4	1,295.39	3/4	1,636.84	3/4	1,978.29	3/4	2,319.73	3/4	2,661.15	3/4	3,002.58	3/4	3,348.02	3/4	3,690.47	3/4	4,029.92	3/4	4,388.73	3/4	
1	50.24	1	333.99	1	633.82	1	961.54	1	1,302.50	1	1,643.96	1	1,985.40	1	2,326.84	1	2,668.27	1	3,007.70	1	3,357.11	1	3,700.56	1	4,039.07	1	4,397.18	1	
1/4	53.56	1/4	339.95	1/4	640.40	1/4	968.61	1/4	1,309.82	1/4	1,651.07	1/4	1,992.52	1/4	2,336.95	1/4	2,675.38	1/4	3,016.81	1/4	3,366.07	1/4	3,710.52	1/4	4,047.63	1/4	4,405.74	1/4	
1/2	56.88	1/2	346.92	1/2	646.97	1/2	975.68	1/2	1,316.73	1/2	1,659.18	1/2	1,999.63	1/2	2,341.06	1/2	2,682.49	1/2	3,021.93	1/2	3,375.18	1/2	3,720.64	1/2	4,055.75	1/2	4,413.85	1/2	
3/4	60.20	3/4	351.89	3/4	653.55	3/4	982.75	3/4	1,323.85	3/4	1,666.30	3/4	2,006.74	3/4	2,346.18	3/4	2,689.61	3/4	3,031.04	3/4	3,384.30	3/4	3,730.75	3/4	4,063.86	3/4	4,421.96	3/4	
1	63.52	1	357.85	1	660.13	1	989.82	1	1,330.96	1	1,672.41	1	2,013.86	1	2,355.29	1	2,700.02	1	3,046.97	1	3,391.08	1	3,740.19	1	4,070.20	1	4,430.01	1	
1/4	66.84	1/4	363.87	1/4	666.76	1/4	996.90	1/4	1,338.07	1/4	1,679.52	1/4	2,020.97	1/4	2,362.40	1/4	2,707.56	1/4	3,058.61	1/4	3,402.72	1/4	3,751.83	1/4	4,078.94	1/4	4,438.12	1/4	
1/2	70.16	1/2	369.89	1/2	673.39	1/2	1,003.97	1/2	1,346.19	1/2	1,686.64	1/2	2,028.09	1/2	2,369.52	1/2	2,710.96	1/2	3,065.39	1/2	3,407.50	1/2	3,758.61	1/2	4,086.72	1/2	4,446.23	1/2	
3/4	73.48	3/4	376.90	3/4	680.02	3/4	1,011.06	3/4	1,352.30	3/4	1,693.76	3/4	2,036.20	3/4	2,376.53	3/4	2,718.06	3/4	3,070.93	3/4	3,413.04	3/4	3,764.15	3/4	4,094.83	3/4	4,454.34	3/4	
1	76.80	1	383.92	1	686.64	1	1,018.13	1	1,359.41	1	1,700.87	1	2,042.31	1	2,383.74	1	2,725.17	1	3,068.61	1	3,414.78	1	3,760.89	1	4,107.00	1	4,462.45	1	
1/4	80.12	1/4	387.99	1/4	693.32	1/4	1,026.21	1/4	1,366.53	1/4	1,707.98	1/4	2,049.43	1/4	2,390.86	1/4	2,732.29	1/4	3,079.17	1/4	3,425.28	1/4	3,771.39	1/4	4,115.10	1/4	4,470.56	1/4	
1/2	83.44	1/2	394.06	1/2	700.68	1/2	1,032.30	1/2	1,373.64	1/2	1,716.09	1/2	2,056.54	1/2	2,397.97	1/2	2,739.40	1/2	3,087.95	1/2	3,433.99	1/2	3,784.10	1/2	4,123.21	1/2	4,478.67	1/2	
3/4	86.76	3/4	399.98	3/4	706.68	3/4	1,039.38	3/4	1,380.75	3/4	1,722.21	3/4	2,063.65	3/4	2,405.08	3/4	2,746.51	3/4	3,097.95	3/4	3,442.04	3/4	3,790.21	3/4	4,131.32	3/4	4,486.78	3/4	
1	90.08	1	406.19	1	713.36	1	1,046.47	1	1,387.87	1	1,729.32	1	2,070.77	1	2,412.20	1	2,753.62	1	3,095.07	1	3,443.11	1	3,795.18	1	4,143.42	1	4,494.89	1	
1/4	93.40	1/4	412.31	1/4	720.08	1/4	1,053.57	1/4	1,394.98	1/4	1,736.43	1/4	2,077.88	1/4	2,419.31	1/4	2,760.74	1/4	3,102.18	1/4	3,453.29	1/4	3,803.40	1/4	4,155.30	1/4	4,506.41	1/4	
1/2	96.72	1/2	418.43	1/2	726.79	1/2	1,060.67	1/2	1,402.09	1/2	1,743.55	1/2	2,084.99	1/2	2,426.42	1/2	2,787.85	1/2	3,120.72	1/2	3,471.83	1/2	3,821.94	1/2	4,163.95	1/2	4,516.06	1/2	
3/4	100.04	3/4	424.55	3/4	733.51	3/4	1,067.77	3/4	1,409.21	3/4	1,750.66	3/4	2,092.11	3/4	2,433.54	3/4	2,774.96	3/4	3,116.41	3/4	3,467.52	3/4	3,818.63	3/4	4,170.74	3/4	4,522.85	3/4	
1	103.36	1	430.67	1	740.23	1	1,074.87	1	1,416.32	1	1,757.77	1	2,099.22	1	2,440.65	1	2,782.08	1	3,123.52	1	3,474.63	1	3,825.74	1	4,177.86	1	4,529.97	1	
1/4	106.68	1/4	436.84	1/4	746.38	1/4	1,081.98	1/4	1,423.44	1/4	1,764.89	1/4	2,106.33	1/4	2,447.76	1/4	2,789.19	1/4	3,130.63	1/4	3,481.74	1/4	3,832.86	1/4	4,184.98	1/4	4,537.09	1/4	
1/2	110.00	1/2	443.01	1/2	753.73	1/2	1,089.10	1/2	1,430.55	1/2	1,772.00	1/2	2,113.45	1/2	2,454.87	1/2	2,796.30	1/2	3,136.70	1/2	3,487.81	1/2	3,839.92	1/2	4,191.16	1/2	4,545.20	1/2	
3/4	113.32	3/4	449.18	3/4	760.48	3/4	1,096.21	3/4	1,437.66	3/4	1,779.12	3/4	2,120.56	3/4	2,461.99	3/4	2,803.42	3/4	3,149.53	3/4	3,500.64	3/4	3,851.75	3/4	4,200.00	3/4	4,553.11	3/4	
1	116.64	1	455.35	1	767.23	1	1,103.32	1	1,444.78	1	1,786.23	1	2,127.67	1	2,469.10	1	2,809.53	1	3,151.64	1	3,502.75	1	3,853.86	1	4,205.01	1	4,560.12	1	
1/4	119.96	1/4	461.57	1/4	773.03	1/4	1,110.44	1/4	1,451.89	1/4	1,793.34	1/4	2,134.78	1/4	2,476.21	1/4	2,816.64	1/4	3,158.75	1/4	3,509.86	1/4	3,860.97	1/4	4,210.33	1/4	4,567.44	1/4	
1/2	123.28	1/2	467.79	1/2	780.83	1/2	1,117.58	1/2	1,459.00	1/2	1,800.46	1/2	2,141.90	1/2	2,483.33	1/2	2,824.76	1/2	3,166.87	1/2	3,517.98	1/2	3,869.09	1/2	4,215.50	1/2	4,573.56	1/2	
3/4	126.60	3/4	474.01	3/4	787.62	3/4	1,124.66	3/4	1,466.12	3/4	1,807.57	3/4	2,149.01	3/4	2,490.44	3/4	2,831.81.												



# BARGE "EMS 507"

## 1 STBD INNAGE 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	3,266.79	0	3,607.23	0	3,944.11	0	4,269.07	0	4,560.07	0	4,817.75	0	5,050.00	0	5,250.00	0	5,412.50	0	5,543.75
1/4	3,272.90	1/4	3,614.34	1/4	3,950.90	1/4	4,265.36	1/4	4,556.87	1/4	4,823.07	1/4	5,055.32	1/4	5,255.32	1/4	5,417.82	1/4	5,549.07
1/2	3,280.01	1/2	3,621.45	1/2	3,957.68	1/2	4,271.64	1/2	4,563.15	1/2	4,829.35	1/2	5,061.60	1/2	5,261.60	1/2	5,424.10	1/2	5,555.35
3/4	3,287.13	3/4	3,628.57	3/4	3,964.48	3/4	4,277.93	3/4	4,563.44	3/4	4,829.64	3/4	5,061.89	3/4	5,261.89	3/4	5,424.39	3/4	5,555.64
1	3,294.24	1	3,635.68	1	3,971.27	1	4,284.21	1	4,570.71	1	4,831.91	1	5,064.16	1	5,264.16	1	5,426.66	1	5,557.91
1/4	3,301.35	1/4	3,642.80	1/4	3,978.02	1/4	4,290.46	1/4	4,577.96	1/4	4,839.16	1/4	5,071.41	1/4	5,271.41	1/4	5,433.91	1/4	5,565.16
1/2	3,308.47	1/2	3,649.91	1/2	3,984.77	1/2	4,296.70	1/2	4,584.20	1/2	4,843.40	1/2	5,075.65	1/2	5,275.65	1/2	5,438.15	1/2	5,570.40
3/4	3,315.58	3/4	3,657.02	3/4	3,991.52	3/4	4,302.95	3/4	4,590.54	3/4	4,859.74	3/4	5,091.99	3/4	5,291.99	3/4	5,454.49	3/4	5,577.74
2	3,322.70	2	3,664.14	2	3,998.27	2	4,309.19	2	4,596.30	2	4,865.50	2	5,100.00	2	5,300.00	2	5,462.50	2	5,584.75
1/4	3,329.81	1/4	3,671.25	1/4	4,004.98	1/4	4,315.39	1/4	4,602.02	1/4	4,870.88	1/4	5,110.00	1/4	5,310.00	1/4	5,472.50	1/4	5,594.75
1/2	3,336.92	1/2	3,678.37	1/2	4,011.69	1/2	4,321.60	1/2	4,607.74	1/2	4,877.97	1/2	5,115.00	1/2	5,315.00	1/2	5,477.50	1/2	5,599.75
3/4	3,344.04	3/4	3,685.48	3/4	4,018.40	3/4	4,327.80	3/4	4,613.46	3/4	4,885.07	3/4	5,120.00	3/4	5,320.00	3/4	5,482.50	3/4	5,604.75
3	3,351.15	3	3,692.59	3	4,025.11	3	4,334.01	3	4,619.17	3	4,892.16	3	5,125.00	3	5,325.00	3	5,487.50	3	5,609.75
1/4	3,358.26	1/4	3,699.71	1/4	4,031.77	1/4	4,340.17	1/4	4,624.85	1/4	4,899.26	1/4	5,130.00	1/4	5,330.00	1/4	5,492.50	1/4	5,614.75
1/2	3,365.38	1/2	3,706.82	1/2	4,038.44	1/2	4,346.33	1/2	4,630.53	1/2	4,904.35	1/2	5,135.00	1/2	5,335.00	1/2	5,497.50	1/2	5,619.75
3/4	3,372.49	3/4	3,713.93	3/4	4,045.11	3/4	4,352.50	3/4	4,636.21	3/4	4,913.44	3/4	5,140.00	3/4	5,340.00	3/4	5,502.50	3/4	5,624.75
4	3,379.60	4	3,721.05	4	4,051.78	4	4,358.66	4	4,641.88	4	4,920.64	4	5,145.00	4	5,345.00	4	5,507.50	4	5,629.75
1/4	3,386.72	1/4	3,728.15	1/4	4,058.41	1/4	4,364.78	1/4	4,647.52	1/4	4,927.19	1/4	5,150.00	1/4	5,350.00	1/4	5,512.50	1/4	5,634.75
1/2	3,393.83	1/2	3,735.26	1/2	4,065.04	1/2	4,370.91	1/2	4,653.16	1/2	4,933.84	1/2	5,155.00	1/2	5,355.00	1/2	5,517.50	1/2	5,639.75
3/4	3,400.94	3/4	3,742.36	3/4	4,071.66	3/4	4,377.03	3/4	4,658.80	3/4	4,940.49	3/4	5,160.00	3/4	5,360.00	3/4	5,522.50	3/4	5,644.75
5	3,408.06	5	3,749.47	5	4,078.29	5	4,383.15	5	4,664.43	5	4,947.14	5	5,165.00	5	5,365.00	5	5,527.50	5	5,649.75
1/4	3,415.17	1/4	3,756.54	1/4	4,084.88	1/4	4,389.23	1/4	4,670.03	1/4	4,950.00	1/4	5,170.00	1/4	5,370.00	1/4	5,532.50	1/4	5,654.75
1/2	3,422.28	1/2	3,763.61	1/2	4,091.47	1/2	4,395.32	1/2	4,675.63	1/2	4,955.00	1/2	5,175.00	1/2	5,375.00	1/2	5,537.50	1/2	5,659.75
3/4	3,429.40	3/4	3,770.68	3/4	4,098.05	3/4	4,401.40	3/4	4,681.23	3/4	4,960.00	3/4	5,180.00	3/4	5,380.00	3/4	5,542.50	3/4	5,664.75
6	3,436.51	6	3,777.76	6	4,104.64	6	4,407.48	6	4,686.82	6	4,965.00	6	5,185.00	6	5,385.00	6	5,547.50	6	5,669.75
1/4	3,443.62	1/4	3,784.79	1/4	4,111.19	1/4	4,413.52	1/4	4,692.38	1/4	4,970.00	1/4	5,190.00	1/4	5,390.00	1/4	5,552.50	1/4	5,674.75
1/2	3,450.74	1/2	3,791.83	1/2	4,117.74	1/2	4,419.67	1/2	4,697.94	1/2	4,975.00	1/2	5,195.00	1/2	5,395.00	1/2	5,557.50	1/2	5,679.75
3/4	3,457.85	3/4	3,798.86	3/4	4,124.28	3/4	4,425.61	3/4	4,703.49	3/4	4,980.00	3/4	5,200.00	3/4	5,400.00	3/4	5,562.50	3/4	5,684.75
7	3,464.96	7	3,805.89	7	4,130.83	7	4,431.66	7	4,709.05	7	4,985.00	7	5,205.00	7	5,405.00	7	5,567.50	7	5,689.75
1/4	3,472.08	1/4	3,812.88	1/4	4,137.34	1/4	4,437.65	1/4	4,714.57	1/4	4,990.00	1/4	5,210.00	1/4	5,410.00	1/4	5,572.50	1/4	5,694.75
1/2	3,479.19	1/2	3,819.88	1/2	4,143.84	1/2	4,443.66	1/2	4,720.08	1/2	4,995.00	1/2	5,215.00	1/2	5,415.00	1/2	5,577.50	1/2	5,699.75
3/4	3,486.30	3/4	3,826.87	3/4	4,150.36	3/4	4,449.66	3/4	4,725.60	3/4	4,999.00	3/4	5,220.00	3/4	5,420.00	3/4	5,582.50	3/4	5,704.75
8	3,493.42	8	3,833.86	8	4,156.86	8	4,455.66	8	4,731.11	8	5,004.00	8	5,225.00	8	5,425.00	8	5,587.50	8	5,709.75
1/4	3,500.53	1/4	3,840.81	1/4	4,163.31	1/4	4,461.62	1/4	4,736.59	1/4	5,009.00	1/4	5,230.00	1/4	5,430.00	1/4	5,592.50	1/4	5,714.75
1/2	3,507.64	1/2	3,847.76	1/2	4,169.77	1/2	4,467.58	1/2	4,742.07	1/2	5,014.00	1/2	5,235.00	1/2	5,435.00	1/2	5,597.50	1/2	5,719.75
3/4	3,514.76	3/4	3,854.71	3/4	4,176.23	3/4	4,473.54	3/4	4,747.54	3/4	5,019.00	3/4	5,240.00	3/4	5,440.00	3/4	5,602.50	3/4	5,724.75
9	3,521.87	9	3,861.67	9	4,182.68	9	4,479.50	9	4,753.02	9	5,024.00	9	5,245.00	9	5,445.00	9	5,607.50	9	5,729.75
1/4	3,528.98	1/4	3,868.58	1/4	4,189.09	1/4	4,485.42	1/4	4,758.45	1/4	5,029.00	1/4	5,250.00	1/4	5,450.00	1/4	5,612.50	1/4	5,734.75
1/2	3,536.10	1/2	3,875.49	1/2	4,195.49	1/2	4,491.34	1/2	4,763.89	1/2	5,034.00	1/2	5,255.00	1/2	5,455.00	1/2	5,617.50	1/2	5,739.75
3/4	3,543.21	3/4	3,882.40	3/4	4,201.90	3/4	4,497.27	3/4	4,769.32	3/4	5,039.00	3/4	5,260.00	3/4	5,460.00	3/4	5,622.50	3/4	5,744.75
10	3,550.32	10	3,889.31	10	4,208.31	10	4,503.19	10	4,774.76	10	5,044.00	10	5,265.00	10	5,465.00	10	5,627.50	10	5,749.75
1/4	3,557.44	1/4	3,896.18	1/4	4,214.67	1/4	4,509.07	1/4	4,780.15	1/4	5,049.00	1/4	5,270.00	1/4	5,470.00	1/4	5,632.50	1/4	5,754.75
1/2	3,564.55	1/2	3,903.05	1/2	4,221.04	1/2	4,514.95	1/2	4,785.55	1/2	5,054.00	1/2	5,275.00	1/2	5,475.00	1/2	5,637.50	1/2	5,759.75
3/4	3,571.66	3/4	3,909.92	3/4	4,227.40	3/4	4,520.83	3/4	4,790.94	3/4	5,059.00	3/4	5,280.00	3/4	5,480.00	3/4	5,642.50	3/4	5,764.75
11	3,578.78	11	3,916.79	11	4,233.77	11	4,526.71	11	4,796.34	11	5,064.00	11	5,285.00	11	5,485.00	11	5,647.50	11	5,769.75
1/4	3,585.89	1/4	3,923.62	1/4	4,240.10	1/4	4,532.55	1/4	4,801.69	1/4	5,069.00	1/4	5,290.00	1/4	5,490.00	1/4	5,652.50	1/4	5,774.75
1/2	3,593.00	1/2	3,930.46	1/2	4,246.42	1/2	4,538.39	1/2	4,807.05	1/2	5,074.00	1/2	5,295.00	1/2	5,495.00	1/2	5,657.50	1/2	5,779.75
3/4	3,600.12	3/4	3,937.28	3/4	4,252.75	3/4	4,544.23	3/4	4,812.40	3/4	5,079.00	3/4	5,300.00	3/4	5,500.00	3/4	5,662.50	3/4	5,784.75

STRAPPED: 05/09/2019 JS  
CALCULATED: 05/10/2019 CL  
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## BARGE "EMS 507"

2 PORT  
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	13.96	0	389.32	0	778.07	0	1,166.71	0	1,555.36	0	1,944.00	0	2,332.64	0	2,721.28	0	3,110.00	0	3,498.75
1/4	19.36	1/4	397.42	1/4	786.16	1/4	1,174.81	1/4	1,563.45	1/4	1,952.09	1/4	2,340.73	1/4	2,729.38	1/4	3,118.13	1/4	3,506.87
1/2	24.76	1/2	405.52	1/2	794.25	1/2	1,182.91	1/2	1,571.55	1/2	1,960.19	1/2	2,348.83	1/2	2,737.48	1/2	3,125.23	1/2	3,513.97
3/4	30.16	3/4	413.62	3/4	802.34	3/4	1,191.01	3/4	1,579.65	3/4	1,968.29	3/4	2,356.93	3/4	2,745.58	3/4	3,133.33	3/4	3,522.07
1	35.56	1	421.72	1	810.44	1	1,199.12	1	1,587.76	1	1,976.40	1	2,365.04	1	2,753.68	1	3,141.43	1	3,530.17
1 1/4	40.96	1 1/4	429.82	1 1/4	818.53	1 1/4	1,207.22	1 1/4	1,595.86	1 1/4	1,984.50	1 1/4	2,373.14	1 1/4	2,761.78	1 1/4	3,150.03	1 1/4	3,538.77
1 1/2	46.36	1 1/2	437.92	1 1/2	826.62	1 1/2	1,215.32	1 1/2	1,604.19	1 1/2	1,992.83	1 1/2	2,380.47	1 1/2	2,769.11	1 1/2	3,157.86	1 1/2	3,546.60
1 3/4	51.76	1 3/4	446.02	1 3/4	834.71	1 3/4	1,223.42	1 3/4	1,612.29	1 3/4	2,000.92	1 3/4	2,388.56	1 3/4	2,777.20	1 3/4	3,165.95	1 3/4	3,554.69
2	57.16	2	454.13	2	842.80	2	1,231.52	2	1,620.39	2	2,008.28	2	2,396.42	2	2,785.06	2	3,173.81	2	3,562.55
2 1/4	62.56	2 1/4	462.23	2 1/4	850.89	2 1/4	1,239.62	2 1/4	1,628.48	2 1/4	2,016.12	2 1/4	2,404.06	2 1/4	2,792.70	2 1/4	3,181.45	2 1/4	3,570.19
2 1/2	67.96	2 1/2	470.33	2 1/2	858.98	2 1/2	1,247.72	2 1/2	1,636.59	2 1/2	2,024.48	2 1/2	2,412.42	2 1/2	2,800.06	2 1/2	3,189.00	2 1/2	3,577.74
2 3/4	73.36	2 3/4	478.43	2 3/4	867.07	2 3/4	1,255.82	2 3/4	1,644.69	2 3/4	2,032.68	2 3/4	2,419.62	2 3/4	2,807.26	2 3/4	3,196.05	2 3/4	3,584.79
3	78.76	3	486.53	3	875.16	3	1,263.93	3	1,652.79	3	2,040.68	3	2,427.62	3	2,815.26	3	3,203.90	3	3,592.64
3 1/4	84.16	3 1/4	494.63	3 1/4	883.26	3 1/4	1,272.03	3 1/4	1,660.89	3 1/4	2,048.76	3 1/4	2,435.70	3 1/4	2,820.34	3 1/4	3,208.24	3 1/4	3,596.98
3 1/2	89.56	3 1/2	502.73	3 1/2	891.35	3 1/2	1,280.13	3 1/2	1,668.99	3 1/2	2,056.86	3 1/2	2,443.80	3 1/2	2,828.44	3 1/2	3,216.34	3 1/2	3,605.08
3 3/4	94.96	3 3/4	510.83	3 3/4	899.44	3 3/4	1,288.23	3 3/4	1,677.10	3 3/4	2,064.96	3 3/4	2,451.90	3 3/4	2,836.54	3 3/4	3,224.44	3 3/4	3,613.18
4	100.36	4	518.94	4	907.53	4	1,296.33	4	1,685.20	4	2,073.07	4	2,459.94	4	2,844.58	4	3,232.54	4	3,620.32
4 1/4	105.76	4 1/4	527.04	4 1/4	915.62	4 1/4	1,304.43	4 1/4	1,693.30	4 1/4	2,081.17	4 1/4	2,503.44	4 1/4	2,888.08	4 1/4	3,270.00	4 1/4	3,657.74
4 1/2	111.16	4 1/2	535.14	4 1/2	923.71	4 1/2	1,312.53	4 1/2	1,701.40	4 1/2	2,089.27	4 1/2	2,511.54	4 1/2	2,900.40	4 1/2	3,278.32	4 1/2	3,665.06
4 3/4	116.56	4 3/4	543.24	4 3/4	931.80	4 3/4	1,320.64	4 3/4	1,709.50	4 3/4	2,097.37	4 3/4	2,519.64	4 3/4	2,908.50	4 3/4	3,286.22	4 3/4	3,672.80
5	121.96	5	551.34	5	939.89	5	1,328.74	5	1,717.60	5	2,105.47	5	2,495.34	5	2,884.20	5	3,273.14	5	3,660.30
5 1/4	127.36	5 1/4	559.44	5 1/4	947.99	5 1/4	1,336.84	5 1/4	1,725.71	5 1/4	2,113.57	5 1/4	2,503.44	5 1/4	2,892.30	5 1/4	3,281.15	5 1/4	3,668.20
5 1/2	132.76	5 1/2	567.54	5 1/2	956.08	5 1/2	1,344.94	5 1/2	1,733.81	5 1/2	2,121.67	5 1/2	2,511.54	5 1/2	2,900.40	5 1/2	3,289.25	5 1/2	3,676.10
5 3/4	138.16	5 3/4	575.64	5 3/4	964.18	5 3/4	1,353.04	5 3/4	1,741.91	5 3/4	2,129.78	5 3/4	2,519.64	5 3/4	2,908.50	5 3/4	3,297.35	5 3/4	3,684.20
6	143.56	6	583.74	6	972.28	6	1,361.14	6	1,750.01	6	2,137.88	6	2,527.74	6	2,916.60	6	3,305.45	6	3,692.30
6 1/4	148.96	6 1/4	591.86	6 1/4	980.38	6 1/4	1,369.24	6 1/4	1,758.11	6 1/4	2,145.98	6 1/4	2,535.86	6 1/4	2,924.90	6 1/4	3,313.55	6 1/4	3,700.40
6 1/2	154.36	6 1/2	599.95	6 1/2	988.48	6 1/2	1,377.35	6 1/2	1,766.21	6 1/2	2,154.08	6 1/2	2,543.95	6 1/2	2,932.80	6 1/2	3,321.65	6 1/2	3,708.50
6 3/4	159.76	6 3/4	608.06	6 3/4	996.58	6 3/4	1,385.46	6 3/4	1,774.31	6 3/4	2,162.18	6 3/4	2,552.05	6 3/4	2,940.90	6 3/4	3,329.75	6 3/4	3,716.60
7	165.16	7	616.16	7	1,004.68	7	1,393.56	7	1,782.42	7	2,170.28	7	2,560.15	7	2,949.00	7	3,337.85	7	3,724.71
7 1/4	170.56	7 1/4	624.26	7 1/4	1,012.78	7 1/4	1,401.65	7 1/4	1,790.52	7 1/4	2,178.38	7 1/4	2,568.25	7 1/4	2,957.11	7 1/4	3,345.95	7 1/4	3,732.81
7 1/2	175.96	7 1/2	632.36	7 1/2	1,020.88	7 1/2	1,409.76	7 1/2	1,798.62	7 1/2	2,186.49	7 1/2	2,576.36	7 1/2	2,965.21	7 1/2	3,354.06	7 1/2	3,740.91
7 3/4	181.36	7 3/4	640.46	7 3/4	1,028.99	7 3/4	1,417.86	7 3/4	1,806.72	7 3/4	2,194.59	7 3/4	2,584.46	7 3/4	2,973.31	7 3/4	3,362.16	7 3/4	3,749.01
8	186.76	8	648.55	8	1,037.09	8	1,425.95	8	1,814.82	8	2,202.69	8	2,592.56	8	2,981.41	8	3,370.26	8	3,757.11
8 1/4	192.16	8 1/4	656.66	8 1/4	1,045.19	8 1/4	1,434.06	8 1/4	1,822.92	8 1/4	2,210.79	8 1/4	2,600.66	8 1/4	2,989.51	8 1/4	3,378.36	8 1/4	3,765.21
8 1/2	197.56	8 1/2	664.76	8 1/2	1,053.29	8 1/2	1,442.16	8 1/2	1,831.02	8 1/2	2,218.89	8 1/2	2,608.76	8 1/2	2,997.61	8 1/2	3,386.46	8 1/2	3,773.31
8 3/4	202.96	8 3/4	672.86	8 3/4	1,061.39	8 3/4	1,450.26	8 3/4	1,839.13	8 3/4	2,226.99	8 3/4	2,616.86	8 3/4	3,005.71	8 3/4	3,394.56	8 3/4	3,781.42
9	208.36	9	680.96	9	1,069.49	9	1,458.36	9	1,847.23	9	2,235.09	9	2,624.96	9	3,013.81	9	3,402.66	9	3,789.52
9 1/4	213.76	9 1/4	689.06	9 1/4	1,077.59	9 1/4	1,466.46	9 1/4	1,855.33	9 1/4	2,243.20	9 1/4	2,633.07	9 1/4	3,021.91	9 1/4	3,410.76	9 1/4	3,797.62
9 1/2	219.16	9 1/2	697.15	9 1/2	1,085.70	9 1/2	1,474.56	9 1/2	1,863.43	9 1/2	2,251.30	9 1/2	2,641.17	9 1/2	3,030.01	9 1/2	3,418.86	9 1/2	3,805.72
9 3/4	224.56	9 3/4	705.25	9 3/4	1,093.80	9 3/4	1,482.66	9 3/4	1,871.53	9 3/4	2,259.40	9 3/4	2,649.27	9 3/4	3,038.12	9 3/4	3,426.96	9 3/4	3,812.82
10	229.96	10	713.34	10	1,101.90	10	1,490.77	10	1,879.63	10	2,267.50	10	2,657.37	10	3,046.22	10	3,435.06	10	3,820.92
10 1/4	235.36	10 1/4	721.43	10 1/4	1,110.00	10 1/4	1,498.87	10 1/4	1,887.73	10 1/4	2,275.60	10 1/4	2,665.47	10 1/4	3,054.32	10 1/4	3,443.17	10 1/4	3,832.02
10 1/2	240.76	10 1/2	729.53	10 1/2	1,118.10	10 1/2	1,506.97	10 1/2	1,895.84	10 1/2	2,283.70	10 1/2	2,673.57	10 1/2	3,062.42	10 1/2	3,451.27	10 1/2	3,840.13
10 3/4	246.16	10 3/4	737.63	10 3/4	1,126.20	10 3/4	1,515.07	10 3/4	1,903.94	10 3/4	2,291.80	10 3/4	2,681.67	10 3/4	3,070.52	10 3/4	3,459.37	10 3/4	3,848.23
11	251.56	11	745.71	11	1,134.30	11	1,523.17	11	1,912.04	11	2,300.91	11	2,689.77	11	3,078.62	11	3,467.47	11	3,856.33
11 1/4	256.96	11 1/4	753.80	11 1/4	1,142.41	11 1/4	1,531.27	11 1/4	1,920.14	11 1/4	2,309.01	11 1/4	2,697.87	11 1/4	3,086.72	11 1/4	3,475.57	11 1/4	3,864.43
11 1/2	262.36	11 1/2	761.89	11 1/2	1,150.51	11 1/2	1,539.37	11 1/2	1,928.24	11 1/2	2,317.11	11 1/2	2,705.97	11 1/2	3,094.82	11 1/2	3,483.67	11 1/2	3,872.53
11 3/4	267.76	11 3/4	769.98	11 3/4	1,158.61	11 3/4	1,547.48	11 3/4	1,936.34	11 3/4	2,325.21	11 3/4	2,714.08	11 3/4	3,102.92	11 3/4	3,491.77	11 3/4	3,880.63

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12"-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "EMS 507"

## 2 PORT INNAGE 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,888.73	0	4,277.60	0	4,661.26	0	5,049.91	0	5,437.56	0	5,825.21	0	6,212.86	0	6,600.51	0	6,988.16	0	7,375.81
1/4	3,896.83	1/4	4,286.70	1/4	4,669.99	1/4	5,057.64	1/4	5,446.29	1/4	5,834.94	1/4	6,222.59	1/4	6,610.24	1/4	6,997.89	1/4	7,385.54
1/2	3,904.94	1/2	4,295.80	1/2	4,678.72	1/2	5,066.36	1/2	5,455.01	1/2	5,842.66	1/2	6,230.70	1/2	6,616.95	1/2	6,999.60	1/2	7,387.25
3/4	3,913.04	3/4	4,304.90	3/4	4,687.80	3/4	5,075.42	3/4	5,464.07	3/4	5,851.72	3/4	6,238.81	3/4	6,625.06	3/4	7,007.71	3/4	7,395.36
1	3,921.14	1	4,313.00	1	4,696.88	1	5,084.54	1	5,472.17	1	5,860.26	1	6,246.90	1	6,633.15	1	7,015.81	1	7,403.46
1/4	3,929.24	1/4	4,321.11	1/4	4,699.87	1/4	5,089.65	1/4	5,477.28	1/4	5,865.37	1/4	6,252.01	1/4	6,638.26	1/4	7,020.90	1/4	7,408.56
1/2	3,937.34	1/2	4,329.21	1/2	4,707.95	1/2	5,094.76	1/2	5,482.39	1/2	5,870.48	1/2	6,257.12	1/2	6,643.37	1/2	7,026.01	1/2	7,413.66
3/4	3,945.44	3/4	4,337.31	3/4	4,716.24	3/4	5,099.87	3/4	5,487.50	3/4	5,875.59	3/4	6,262.23	3/4	6,648.48	3/4	7,031.12	3/4	7,418.76
1	3,953.54	1	4,345.41	1	4,724.93	1	5,104.98	1	5,492.61	1	5,880.70	1	6,267.34	1	6,653.59	1	7,036.23	1	7,423.86
1/4	3,961.64	1/4	4,353.51	1/4	4,733.67	1/4	5,110.09	1/4	5,497.72	1/4	5,885.81	1/4	6,272.45	1/4	6,658.70	1/4	7,041.34	1/4	7,428.96
1/2	3,969.75	1/2	4,361.61	1/2	4,742.41	1/2	5,115.20	1/2	5,502.83	1/2	5,890.92	1/2	6,277.56	1/2	6,663.81	1/2	7,046.45	1/2	7,434.06
3/4	3,977.85	3/4	4,369.71	3/4	4,751.15	3/4	5,120.31	3/4	5,507.94	3/4	5,896.03	3/4	6,282.67	3/4	6,668.92	3/4	7,051.56	3/4	7,439.16
1	3,985.95	1	4,377.81	1	4,759.89	1	5,125.42	1	5,513.05	1	5,901.14	1	6,287.78	1	6,674.03	1	7,056.67	1	7,444.26
1/4	3,994.05	1/4	4,385.91	1/4	4,768.63	1/4	5,130.53	1/4	5,518.16	1/4	5,906.25	1/4	6,292.89	1/4	6,679.14	1/4	7,061.78	1/4	7,449.36
1/2	4,002.15	1/2	4,394.01	1/2	4,777.37	1/2	5,135.64	1/2	5,523.27	1/2	5,911.36	1/2	6,297.99	1/2	6,684.25	1/2	7,066.89	1/2	7,454.46
3/4	4,010.25	3/4	4,402.11	3/4	4,786.11	3/4	5,140.75	3/4	5,528.38	3/4	5,916.47	3/4	6,303.10	3/4	6,689.36	3/4	7,072.00	3/4	7,459.56
1	4,018.35	1	4,410.21	1	4,794.85	1	5,145.86	1	5,533.49	1	5,921.58	1	6,308.21	1	6,694.47	1	7,077.11	1	7,464.66
1/4	4,026.45	1/4	4,418.31	1/4	4,803.59	1/4	5,150.97	1/4	5,538.60	1/4	5,926.69	1/4	6,313.32	1/4	6,699.58	1/4	7,082.22	1/4	7,469.76
1/2	4,034.55	1/2	4,426.41	1/2	4,812.33	1/2	5,156.08	1/2	5,543.71	1/2	5,931.80	1/2	6,318.43	1/2	6,704.69	1/2	7,087.33	1/2	7,474.86
3/4	4,042.65	3/4	4,434.51	3/4	4,821.07	3/4	5,161.19	3/4	5,548.82	3/4	5,936.91	3/4	6,323.54	3/4	6,709.80	3/4	7,092.44	3/4	7,479.96
1	4,050.75	1	4,442.61	1	4,829.81	1	5,166.30	1	5,553.93	1	5,942.02	1	6,328.65	1	6,714.91	1	7,097.55	1	7,485.06
1/4	4,058.85	1/4	4,450.71	1/4	4,838.55	1/4	5,171.41	1/4	5,559.04	1/4	5,947.13	1/4	6,333.76	1/4	6,720.02	1/4	7,102.66	1/4	7,490.16
1/2	4,066.95	1/2	4,458.81	1/2	4,847.29	1/2	5,176.52	1/2	5,564.15	1/2	5,952.24	1/2	6,338.87	1/2	6,725.13	1/2	7,107.77	1/2	7,495.26
3/4	4,075.05	3/4	4,466.91	3/4	4,856.03	3/4	5,181.63	3/4	5,569.26	3/4	5,957.35	3/4	6,343.98	3/4	6,730.24	3/4	7,112.88	3/4	7,500.36
1	4,083.15	1	4,475.01	1	4,864.77	1	5,186.74	1	5,574.37	1	5,962.46	1	6,349.09	1	6,735.35	1	7,117.99	1	7,505.46
1/4	4,091.25	1/4	4,483.11	1/4	4,873.51	1/4	5,191.85	1/4	5,579.48	1/4	5,967.57	1/4	6,354.20	1/4	6,740.46	1/4	7,123.10	1/4	7,510.56
1/2	4,099.35	1/2	4,491.21	1/2	4,882.25	1/2	5,196.96	1/2	5,584.59	1/2	5,972.68	1/2	6,359.31	1/2	6,745.57	1/2	7,128.21	1/2	7,515.66
3/4	4,107.45	3/4	4,499.31	3/4	4,890.99	3/4	5,202.07	3/4	5,589.70	3/4	5,977.79	3/4	6,364.42	3/4	6,750.68	3/4	7,133.32	3/4	7,520.76
1	4,115.55	1	4,507.41	1	4,899.73	1	5,207.18	1	5,594.81	1	5,982.90	1	6,369.53	1	6,755.79	1	7,138.43	1	7,525.86
1/4	4,123.65	1/4	4,515.51	1/4	4,908.47	1/4	5,212.29	1/4	5,600.92	1/4	5,988.01	1/4	6,374.64	1/4	6,760.90	1/4	7,143.54	1/4	7,530.96
1/2	4,131.75	1/2	4,523.61	1/2	4,917.21	1/2	5,217.40	1/2	5,606.03	1/2	5,993.12	1/2	6,379.75	1/2	6,766.01	1/2	7,148.65	1/2	7,536.06
3/4	4,139.85	3/4	4,531.71	3/4	4,926.95	3/4	5,222.51	3/4	5,611.14	3/4	5,998.23	3/4	6,384.86	3/4	6,771.12	3/4	7,153.76	3/4	7,541.16
1	4,147.95	1	4,539.81	1	4,935.69	1	5,227.62	1	5,616.25	1	6,003.34	1	6,389.97	1	6,776.23	1	7,158.87	1	7,546.26
1/4	4,156.05	1/4	4,547.91	1/4	4,944.43	1/4	5,232.73	1/4	5,621.36	1/4	6,008.45	1/4	6,395.08	1/4	6,781.34	1/4	7,163.98	1/4	7,551.36
1/2	4,164.15	1/2	4,556.01	1/2	4,953.17	1/2	5,237.84	1/2	5,626.47	1/2	6,013.56	1/2	6,395.19	1/2	6,786.45	1/2	7,169.09	1/2	7,556.46
3/4	4,172.25	3/4	4,564.11	3/4	4,961.91	3/4	5,242.95	3/4	5,631.59	3/4	6,018.67	3/4	6,400.30	3/4	6,791.56	3/4	7,174.20	3/4	7,561.56
1	4,180.35	1	4,572.21	1	4,970.65	1	5,248.06	1	5,636.70	1	6,023.78	1	6,405.41	1	6,796.67	1	7,179.31	1	7,566.66
1/4	4,188.45	1/4	4,580.31	1/4	4,979.39	1/4	5,253.17	1/4	5,641.81	1/4	6,028.89	1/4	6,410.52	1/4	6,801.78	1/4	7,184.42	1/4	7,571.76
1/2	4,196.55	1/2	4,588.41	1/2	4,988.13	1/2	5,258.28	1/2	5,646.92	1/2	6,034.00	1/2	6,415.63	1/2	6,806.89	1/2	7,189.53	1/2	7,576.86
3/4	4,204.65	3/4	4,596.51	3/4	4,996.87	3/4	5,263.39	3/4	5,652.03	3/4	6,039.11	3/4	6,420.74	3/4	6,811.90	3/4	7,194.64	3/4	7,581.96
1	4,212.75	1	4,604.61	1	4,995.61	1	5,268.50	1	5,657.14	1	6,044.22	1	6,425.85	1	6,817.01	1	7,199.75	1	7,587.06
1/4	4,220.85	1/4	4,612.71	1/4	5,004.35	1/4	5,273.61	1/4	5,662.25	1/4	6,049.33	1/4	6,430.96	1/4	6,822.12	1/4	7,204.86	1/4	7,592.16
1/2	4,228.95	1/2	4,620.81	1/2	5,013.09	1/2	5,278.72	1/2	5,667.36	1/2	6,054.44	1/2	6,436.07	1/2	6,827.23	1/2	7,209.97	1/2	7,597.26
3/4	4,237.05	3/4	4,628.91	3/4	5,021.83	3/4	5,283.83	3/4	5,672.47	3/4	6,059.55	3/4	6,441.18	3/4	6,832.34	3/4	7,215.08	3/4	7,602.36
1	4,245.15	1	4,637.01	1	5,030.57	1	5,288.94	1	5,677.58	1	6,064.66	1	6,446.29	1	6,837.45	1	7,220.19	1	7,607.46
1/4	4,253.25	1/4	4,645.11	1/4	5,039.31	1/4	5,294.05	1/4	5,682.69	1/4	6,069.77	1/4	6,451.40	1/4	6,842.56	1/4	7,225.30	1/4	7,612.56
1/2	4,261.35	1/2	4,653.21	1/2	5,048.05	1/2	5,299.16	1/2	5,687.80	1/2	6,074.88	1/2	6,456.51	1/2	6,847.67	1/2	7,230.41	1/2	7,617.66
3/4	4,269.45	3/4	4,661.31	3/4	5,056.79	3/4	5,304.27	3/4	5,692.91	3/4	6,079.99	3/4	6,461.62	3/4	6,852.78	3/4	7,235.52	3/4	7,622.76

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77688  
http://www.pmacorp.net

## BARGE "EMS 507"

2 STBD  
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/4"																			
0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	D	IN	D	IN	D	IN	D	IN	D	IN	D	IN	D	IN	D	IN	D	IN	D
1/4	13.92	0	388.23	0	775.94	0	1,163.16	0	1,549.70	0	1,936.40	0	2,323.10	0	2,698.06	0	3,085.93	0	3,473.80
1/2	19.31	1/4	396.31	1/4	784.01	1/4	1,169.89	1/4	1,556.43	1/4	1,943.13	1/4	2,329.83	1/4	2,705.14	1/4	3,093.01	1/4	3,480.88
3/4	24.69	1/2	404.39	1/2	792.08	1/2	1,186.62	1/2	1,573.16	1/2	1,959.86	1/2	2,346.56	1/2	2,721.22	1/2	3,109.09	1/2	3,496.96
1	30.08	3/4	412.47	3/4	800.15	3/4	1,176.35	3/4	1,562.89	3/4	1,949.59	3/4	2,324.29	3/4	2,698.94	3/4	3,110.06	3/4	3,497.93
1	35.45	1	420.55	1	808.22	1	1,184.08	1	1,570.62	1	1,957.16	1	2,342.59	1	2,730.38	1	3,118.14	1	3,505.91
1/4	42.87	1/4	428.63	1/4	816.29	1/4	1,191.82	1/4	1,577.36	1/4	1,963.90	1/4	2,349.37	1/4	2,737.16	1/4	3,125.22	1/4	3,513.09
1/2	50.27	1/2	436.71	1/2	824.36	1/2	1,199.95	1/2	1,583.48	1/2	1,970.02	1/2	2,351.50	1/2	2,739.29	1/2	3,133.30	1/2	3,521.17
3/4	57.68	3/4	444.78	3/4	832.44	3/4	1,207.28	3/4	1,591.26	3/4	1,979.34	3/4	2,359.63	3/4	2,748.42	3/4	3,142.38	3/4	3,530.25
1	65.09	1	452.86	1	840.51	1	1,215.01	1	1,601.65	1	1,987.72	1	2,368.01	1	2,756.80	1	3,149.89	1	3,537.76
1/4	73.16	1/4	460.94	1/4	848.58	1/4	1,222.75	1/4	1,609.39	1/4	1,994.86	1/4	2,376.15	1/4	2,765.04	1/4	3,157.98	1/4	3,545.85
1/2	81.24	1/2	469.02	1/2	856.66	1/2	1,230.48	1/2	1,616.93	1/2	2,002.34	1/2	2,384.01	1/2	2,773.90	1/2	3,167.99	1/2	3,553.93
3/4	89.32	3/4	477.10	3/4	864.72	3/4	1,238.21	3/4	1,624.87	3/4	2,009.11	3/4	2,391.19	3/4	2,783.08	3/4	3,177.08	3/4	3,561.01
1	97.40	1	485.18	1	872.79	1	1,245.94	1	1,631.96	1	2,016.14	1	2,402.22	1	2,791.00	1	3,187.09	1	3,570.04
1/4	105.48	1/4	493.26	1/4	880.86	1/4	1,253.67	1/4	1,639.73	1/4	2,026.85	1/4	2,413.93	1/4	2,802.82	1/4	3,197.91	1/4	3,582.12
1/2	113.56	1/2	501.34	1/2	888.94	1/2	1,261.41	1/2	1,647.91	1/2	2,035.59	1/2	2,423.38	1/2	2,811.16	1/2	3,198.93	1/2	3,596.70
3/4	121.64	3/4	509.41	3/4	897.01	3/4	1,269.14	3/4	1,655.89	3/4	2,043.67	3/4	2,431.46	3/4	2,819.24	3/4	3,207.01	3/4	3,594.78
1	129.72	1	517.49	1	905.08	1	1,276.87	1	1,663.97	1	2,051.75	1	2,439.54	1	2,827.32	1	3,216.09	1	3,602.86
1/4	137.79	1/4	525.57	1/4	912.98	1/4	1,284.78	1/4	1,672.04	1/4	2,059.83	1/4	2,447.62	1/4	2,835.40	1/4	3,223.16	1/4	3,610.93
1/2	145.87	1/2	533.65	1/2	920.87	1/2	1,292.68	1/2	1,680.12	1/2	2,067.91	1/2	2,456.70	1/2	2,843.47	1/2	3,231.24	1/2	3,619.01
3/4	153.95	3/4	541.73	3/4	928.77	3/4	1,300.59	3/4	1,688.20	3/4	2,076.99	3/4	2,463.78	3/4	2,851.55	3/4	3,239.32	3/4	3,627.08
1	162.03	1	549.81	1	936.67	1	1,308.49	1	1,696.28	1	2,084.07	1	2,471.86	1	2,859.63	1	3,247.40	1	3,635.17
1/4	170.11	1/4	557.89	1/4	944.40	1/4	1,316.57	1/4	1,702.36	1/4	2,092.15	1/4	2,479.93	1/4	2,867.71	1/4	3,255.48	1/4	3,643.25
1/2	178.19	1/2	565.97	1/2	952.13	1/2	1,324.65	1/2	1,712.44	1/2	2,100.23	1/2	2,488.01	1/2	2,875.79	1/2	3,263.56	1/2	3,651.33
3/4	186.27	3/4	574.04	3/4	959.86	3/4	1,332.73	3/4	1,720.52	3/4	2,108.31	3/4	2,496.09	3/4	2,883.87	3/4	3,271.63	3/4	3,659.41
1	194.35	1	582.12	1	967.58	1	1,340.81	1	1,728.60	1	2,116.38	1	2,502.47	1	2,891.96	1	3,279.71	1	3,667.49
1/4	202.42	1/4	590.20	1/4	975.32	1/4	1,348.89	1/4	1,736.68	1/4	2,124.46	1/4	2,510.65	1/4	2,900.02	1/4	3,287.79	1/4	3,675.56
1/2	210.50	1/2	598.28	1/2	983.05	1/2	1,356.97	1/2	1,744.75	1/2	2,132.54	1/2	2,520.33	1/2	2,908.10	1/2	3,295.87	1/2	3,683.64
3/4	218.58	3/4	606.36	3/4	990.78	3/4	1,365.05	3/4	1,752.83	3/4	2,140.62	3/4	2,528.41	3/4	2,916.18	3/4	3,303.95	3/4	3,691.72
1	226.66	1	614.44	1	998.51	1	1,373.13	1	1,760.91	1	2,148.70	1	2,536.49	1	2,924.26	1	3,312.03	1	3,699.80
1/4	234.74	1/4	622.52	1/4	1,006.24	1/4	1,381.20	1/4	1,768.99	1/4	2,156.78	1/4	2,544.57	1/4	2,932.34	1/4	3,320.11	1/4	3,707.88
1/2	242.82	1/2	630.59	1/2	1,013.98	1/2	1,389.28	1/2	1,777.07	1/2	2,164.86	1/2	2,552.66	1/2	2,940.42	1/2	3,328.18	1/2	3,715.96
3/4	250.90	3/4	638.67	3/4	1,021.71	3/4	1,397.36	3/4	1,785.16	3/4	2,172.94	3/4	2,560.73	3/4	2,948.49	3/4	3,336.26	3/4	3,724.04
1	258.97	1	646.75	1	1,029.44	1	1,405.44	1	1,793.23	1	2,181.02	1	2,568.81	1	2,956.57	1	3,344.34	1	3,732.12
1/4	267.05	1/4	654.83	1/4	1,037.17	1/4	1,413.52	1/4	1,801.31	1/4	2,189.09	1/4	2,576.98	1/4	2,964.65	1/4	3,352.42	1/4	3,740.20
1/2	275.13	1/2	662.91	1/2	1,044.91	1/2	1,421.60	1/2	1,809.39	1/2	2,197.17	1/2	2,584.96	1/2	2,972.73	1/2	3,360.50	1/2	3,748.28
3/4	283.21	3/4	670.99	3/4	1,052.64	3/4	1,429.68	3/4	1,817.46	3/4	2,205.25	3/4	2,593.04	3/4	2,980.81	3/4	3,368.58	3/4	3,756.36
1	291.29	1	679.07	1	1,060.37	1	1,437.76	1	1,825.54	1	2,213.33	1	2,601.12	1	2,988.89	1	3,376.66	1	3,764.43
1/4	299.37	1/4	687.14	1/4	1,068.10	1/4	1,445.84	1/4	1,833.62	1/4	2,221.41	1/4	2,609.20	1/4	2,996.97	1/4	3,384.73	1/4	3,772.51
1/2	307.45	1/2	695.22	1/2	1,075.83	1/2	1,453.91	1/2	1,841.70	1/2	2,229.49	1/2	2,617.28	1/2	3,005.04	1/2	3,392.81	1/2	3,780.59
3/4	315.53	3/4	703.29	3/4	1,083.57	3/4	1,461.99	3/4	1,849.78	3/4	2,237.57	3/4	2,625.35	3/4	3,013.12	3/4	3,400.89	3/4	3,788.67
1	323.60	1	711.37	1	1,091.30	1	1,470.07	1	1,857.86	1	2,245.65	1	2,633.43	1	3,021.20	1	3,408.97	1	3,796.76
1/4	331.68	1/4	719.44	1/4	1,099.03	1/4	1,478.15	1/4	1,865.94	1/4	2,253.73	1/4	2,641.51	1/4	3,029.28	1/4	3,417.05	1/4	3,804.83
1/2	339.76	1/2	727.51	1/2	1,106.76	1/2	1,486.23	1/2	1,874.02	1/2	2,261.80	1/2	2,649.59	1/2	3,037.36	1/2	3,425.13	1/2	3,812.91
3/4	347.84	3/4	735.58	3/4	1,114.49	3/4	1,494.31	3/4	1,882.10	3/4	2,269.88	3/4	2,657.67	3/4	3,045.44	3/4	3,433.20	3/4	3,820.99
1	355.92	1	743.65	1	1,122.23	1	1,502.39	1	1,890.17	1	2,277.96	1	2,666.76	1	3,053.52	1	3,441.28	1	3,829.07
1/4	364.00	1/4	751.72	1/4	1,129.96	1/4	1,510.47	1/4	1,898.25	1/4	2,285.04	1/4	2,673.83	1/4	3,061.69	1/4	3,449.36	1/4	3,837.14
1/2	372.08	1/2	759.79	1/2	1,137.69	1/2	1,518.55	1/2	1,906.33	1/2	2,293.12	1/2	2,681.90	1/2	3,069.67	1/2	3,457.44	1/2	3,845.22
3/4	380.16	3/4	767.87	3/4	1,145.42	3/4	1,526.62	3/4	1,914.41	3/4	2,302.20	3/4	2,690.98	3/4	3,077.76	3/4	3,465.52	3/4	3,853.30

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2882

Pasadena, Texas 77588

http://www.pma-inc.net



# BARGE "EMS 507"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

	IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	3,861.38	0	4,248.17	0	4,531.76	0	4,815.35	0	5,098.94	0	5,382.53
1/4	3,869.46	1/4	4,257.25	1/4	4,539.87	1/4	4,823.46	1/4	5,107.05	1/4	5,390.64
1/2	3,877.54	1/2	4,265.33	1/2	4,547.95	1/2	4,831.54	1/2	5,115.13	1/2	5,398.72
3/4	3,885.62	3/4	4,273.41	3/4	4,556.03	3/4	4,839.62	3/4	5,123.21	3/4	5,406.80
1	3,893.70	1	4,281.49	1	4,564.11	1	4,847.70	1	5,131.29	1	5,414.88
1 1/4	3,901.78	1 1/4	4,289.57	1 1/4	4,572.19	1 1/4	4,855.78	1 1/4	5,139.37	1 1/4	5,422.96
1 1/2	3,909.86	1 1/2	4,297.65	1 1/2	4,580.27	1 1/2	4,863.86	1 1/2	5,147.45	1 1/2	5,431.04
3/4	3,917.93	3/4	4,305.73	3/4	4,588.35	3/4	4,871.94	3/4	5,155.53	3/4	5,439.12
2	3,926.01	2	4,313.81	2	4,596.43	2	4,880.02	2	5,163.61	2	5,447.20
1 1/4	3,934.09	1 1/4	4,321.89	1 1/4	4,604.51	1 1/4	4,888.10	1 1/4	5,171.69	1 1/4	5,455.28
1 1/2	3,942.17	1 1/2	4,329.97	1 1/2	4,612.59	1 1/2	4,896.18	1 1/2	5,179.77	1 1/2	5,463.36
3/4	3,950.25	3/4	4,338.04	3/4	4,620.67	3/4	4,904.26	3/4	5,187.85	3/4	5,471.44
3	3,958.33	3	4,346.12	3	4,628.75	3	4,912.34	3	5,195.93	3	5,479.52
1 1/4	3,966.41	1 1/4	4,354.20	1 1/4	4,636.83	1 1/4	4,920.42	1 1/4	5,204.01	1 1/4	5,487.60
1 1/2	3,974.49	1 1/2	4,362.28	1 1/2	4,644.91	1 1/2	4,928.50	1 1/2	5,212.09	1 1/2	5,495.68
3/4	3,982.57	3/4	4,370.36	3/4	4,652.99	3/4	4,936.58	3/4	5,220.17	3/4	5,503.76
4	3,990.65	4	4,378.44	4	4,661.07	4	4,944.66	4	5,228.25	4	5,511.84
1 1/4	3,998.72	1 1/4	4,386.52	1 1/4	4,669.15	1 1/4	4,952.74	1 1/4	5,236.33	1 1/4	5,519.92
1 1/2	4,006.80	1 1/2	4,394.60	1 1/2	4,677.23	1 1/2	4,960.82	1 1/2	5,244.41	1 1/2	5,528.00
3/4	4,014.88	3/4	4,402.68	3/4	4,685.31	3/4	4,968.90	3/4	5,252.49	3/4	5,536.08
5	4,022.96	5	4,410.76	5	4,693.39	5	4,976.98	5	5,260.57	5	5,544.16
1 1/4	4,031.04	1 1/4	4,418.84	1 1/4	4,701.47	1 1/4	4,985.06	1 1/4	5,268.65	1 1/4	5,552.24
1 1/2	4,039.12	1 1/2	4,426.92	1 1/2	4,709.55	1 1/2	4,993.14	1 1/2	5,276.73	1 1/2	5,560.32
3/4	4,047.20	3/4	4,435.00	3/4	4,717.63	3/4	4,999.99	3/4	5,284.81	3/4	5,568.40
6	4,055.28	6	4,443.08	6	4,725.71	6	5,007.87	6	5,292.89	6	5,576.48
1 1/4	4,063.36	1 1/4	4,451.16	1 1/4	4,733.79	1 1/4	5,015.95	1 1/4	5,300.97	1 1/4	5,584.56
1 1/2	4,071.44	1 1/2	4,459.24	1 1/2	4,741.87	1 1/2	5,023.99	1 1/2	5,309.05	1 1/2	5,592.64
3/4	4,079.51	3/4	4,467.32	3/4	4,749.95	3/4	5,032.07	3/4	5,317.13	3/4	5,600.72
7	4,087.59	7	4,475.40	7	4,758.03	7	5,040.15	7	5,325.21	7	5,608.80
1 1/4	4,095.67	1 1/4	4,483.48	1 1/4	4,766.11	1 1/4	5,048.23	1 1/4	5,333.29	1 1/4	5,616.88
1 1/2	4,103.75	1 1/2	4,491.56	1 1/2	4,774.19	1 1/2	5,056.31	1 1/2	5,341.37	1 1/2	5,624.96
3/4	4,111.83	3/4	4,499.64	3/4	4,782.27	3/4	5,064.39	3/4	5,349.45	3/4	5,633.04
8	4,119.91	8	4,507.72	8	4,790.35	8	5,072.47	8	5,357.53	8	5,641.12
1 1/4	4,127.99	1 1/4	4,515.80	1 1/4	4,798.43	1 1/4	5,080.55	1 1/4	5,365.61	1 1/4	5,649.20
1 1/2	4,136.07	1 1/2	4,523.88	1 1/2	4,806.51	1 1/2	5,088.63	1 1/2	5,373.69	1 1/2	5,657.28
3/4	4,144.15	3/4	4,531.96	3/4	4,814.59	3/4	5,096.71	3/4	5,381.77	3/4	5,665.36
9	4,152.23	9	4,539.04	9	4,822.67	9	5,104.79	9	5,389.85	9	5,673.44
1 1/4	4,160.30	1 1/4	4,547.12	1 1/4	4,830.75	1 1/4	5,112.87	1 1/4	5,397.93	1 1/4	5,681.52
1 1/2	4,168.38	1 1/2	4,555.20	1 1/2	4,838.83	1 1/2	5,120.95	1 1/2	5,406.01	1 1/2	5,689.60
3/4	4,176.46	3/4	4,563.28	3/4	4,846.91	3/4	5,129.03	3/4	5,414.09	3/4	5,697.68
10	4,184.54	10	4,571.36	10	4,854.99	10	5,137.11	10	5,422.17	10	5,705.76
1 1/4	4,192.62	1 1/4	4,579.44	1 1/4	4,863.07	1 1/4	5,145.19	1 1/4	5,430.25	1 1/4	5,713.84
1 1/2	4,200.70	1 1/2	4,587.52	1 1/2	4,871.15	1 1/2	5,153.27	1 1/2	5,438.33	1 1/2	5,721.92
3/4	4,208.78	3/4	4,595.60	3/4	4,879.23	3/4	5,161.35	3/4	5,446.41	3/4	5,730.00
11	4,216.86	11	4,603.68	11	4,887.31	11	5,169.43	11	5,454.49	11	5,738.08
1 1/4	4,224.94	1 1/4	4,611.76	1 1/4	4,895.39	1 1/4	5,177.51	1 1/4	5,462.57	1 1/4	5,746.16
1 1/2	4,233.02	1 1/2	4,619.84	1 1/2	4,903.47	1 1/2	5,185.59	1 1/2	5,470.65	1 1/2	5,754.24
3/4	4,241.09	3/4	4,627.92	3/4	4,911.55	3/4	5,193.67	3/4	5,478.73	3/4	5,762.32

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/09/2019 JS  
CALCULATED: 05/10/2019 CL  
PRINTED: 05/12/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

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

*The Planner*



# BARGE "EMS 507"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
0	13.03	0	382.42	0	724.16	0	1,086.66	0	1,447.63	0	1,809.60	0	2,171.56	0	2,533.50	0	2,895.27	0	3,257.05	0	2,533.50	0	2,895.27	0	3,257.05	0	3,618.82	0	3,980.59	0	4,342.36	0	4,704.13	0	5,065.90	0	5,427.67	0	5,789.44	0	6,151.21	0	6,512.98	0	6,874.75	0	7,236.52	0	7,598.29	0	7,960.06	0	8,321.83	0	8,683.60	0	9,045.37	0	9,407.14	0	9,768.91	0	10,130.68	0	10,492.45	0	10,854.22	0	11,215.99	0	11,577.76	0	11,939.53	0	12,301.30	0	12,663.07	0	13,024.84	0	13,386.61	0	13,748.38	0	14,110.15	0	14,471.92	0	14,833.69	0	15,195.46	0	15,557.23	0	15,918.99	0	16,280.76	0	16,642.53	0	17,004.30	0	17,366.07	0	17,727.84	0	18,089.61	0	18,451.38	0	18,813.15	0	19,174.92	0	19,536.69	0	19,898.46	0	20,260.23	0	20,621.99	0	20,983.76	0	21,345.53	0	21,707.30	0	22,069.07	0	22,430.84	0	22,792.61	0	23,154.38	0	23,516.15	0	23,877.92	0	24,239.69	0	24,601.46	0	24,963.23	0	25,324.99	0	25,686.76	0	26,048.53	0	26,410.30	0	26,772.07	0	27,133.84	0	27,495.61	0	27,857.38	0	28,219.15	0	28,580.92	0	28,942.69	0	29,304.46	0	29,666.23	0	30,027.99	0	30,389.76	0	30,751.53	0	31,113.30	0	31,475.07	0	31,836.84	0	32,198.61	0	32,560.38	0	32,922.15	0	33,283.92	0	33,645.69	0	34,007.46	0	34,369.23	0	34,730.99	0	35,092.76	0	35,454.53	0	35,816.30	0	36,178.07	0	36,539.84	0	36,901.61	0	37,263.38	0	37,625.15	0	37,986.92	0	38,348.69	0	38,710.46	0	39,072.23	0	39,433.99	0	39,795.76	0	40,157.53	0	40,519.30	0	40,881.07	0	41,242.84	0	41,604.61	0	41,966.38	0	42,328.15	0	42,689.92	0	43,051.69	0	43,413.46	0	43,775.23	0	44,136.99	0	44,498.76	0	44,860.53	0	45,222.30	0	45,584.07	0	45,945.84	0	46,307.61	0	46,669.38	0	47,031.15	0	47,392.92	0	47,754.69	0	48,116.46	0	48,478.23	0	48,839.99	0	49,201.76	0	49,563.53	0	49,925.30	0	50,287.07	0	50,648.84	0	51,010.61	0	51,372.38	0	51,734.15	0	52,095.92	0	52,457.69	0	52,819.46	0	53,181.23	0	53,542.99	0	53,904.76	0	54,266.53	0	54,628.30	0	54,990.07	0	55,351.84	0	55,713.61	0	56,075.38	0	56,437.15	0	56,798.92	0	57,160.69	0	57,522.46	0	57,884.23	0	58,245.99	0	58,607.76	0	58,969.53	0	59,331.30	0	59,693.07	0	60,054.84	0	60,416.61	0	60,778.38	0	61,140.15	0	61,501.92	0	61,863.69	0	62,225.46	0	62,587.23	0	62,948.99	0	63,310.76	0	63,672.53	0	64,034.30	0	64,396.07	0	64,757.84	0	65,119.61	0	65,481.38	0	65,843.15	0	66,204.92	0	66,566.69	0	66,928.46	0	67,290.23	0	67,651.99	0	68,013.76	0	68,375.53	0	68,737.30	0	69,099.07	0	69,460.84	0	69,822.61	0	70,184.38	0	70,546.15	0	70,907.92	0	71,269.69	0	71,631.46	0	71,993.23	0	72,354.99	0	72,716.76	0	73,078.53	0	73,440.30	0	73,802.07	0	74,163.84	0	74,525.61	0	74,887.38	0	75,249.15	0	75,610.92	0	75,972.69	0	76,334.46	0	76,696.23	0	77,057.99	0	77,419.76	0	77,781.53	0	78,143.30	0	78,505.07	0	78,866.84	0	79,228.61	0	79,590.38	0	79,952.15	0	80,313.92	0	80,675.69	0	81,037.46	0	81,399.23	0	81,760.99	0	82,122.76	0	82,484.53	0	82,846.30	0	83,208.07	0	83,569.84	0	83,931.61	0	84,293.38	0	84,655.15	0	85,016.92	0	85,378.69	0	85,740.46	0	86,102.23	0	86,463.99	0	86,825.76	0	87,187.53	0	87,549.30	0	87,911.07	0	88,272.84	0	88,634.61	0	88,996.38	0	89,358.15	0	89,719.92	0	90,081.69	0	90,443.46	0	90,805.23	0	91,166.99	0	91,528.76	0	91,890.53	0	92,252.30	0	92,614.07	0	92,975.84	0	93,337.61	0	93,699.38	0	94,061.15	0	94,422.92	0	94,784.69	0	95,146.46	0	95,508.23	0	95,869.99	0	96,231.76	0	96,593.53	0	96,955.30	0	97,317.07	0	97,678.84	0	98,040.61	0	98,402.38	0	98,764.15	0	99,125.92	0	99,487.69	0	99,849.46	0	100,211.23	0	100,573.00	0	100,934.77	0	101,296.54	0	101,658.31	0	102,020.07	0	102,381.84	0	102,743.61	0	103,105.38	0	103,467.15	0	103,828.92	0	104,190.69	0	104,552.46	0	104,914.23	0	105,275.99	0	105,637.76	0	106,000.00	0	106,361.77	0	106,723.54	0	107,085.31	0	107,447.08	0	107,808.85	0	108,170.62	0	108,532.39	0	108,894.16	0	109,255.93	0	109,617.70	0	109,979.47	0	110,341.24	0	110,702.99	0	111,064.76	0	111,426.53	0	111,788.30	0	112,150.07	0	112,511.84	0	112,873.61	0	113,235.38	0	113,597.15	0	113,958.92	0	114,320.69	0	114,682.46	0	115,044.23	0	115,405.99	0	115,767.76	0	116,129.53	0	116,491.30	0	116,853.07	0	117,214.84	0	117,576.61	0	117,938.38	0	118,300.15	0	118,661.92	0	119,023.69	0	119,385.46	0	119,747.23	0	120,108.99	0	120,470.76	0	120,832.53	0	121,194.30	0	121,556.07	0	121,917.84	0	122,279.61	0	122,641.38	0	123,003.15	0	123,364.92	0	123,726.69	0	124,088.46	0	124,450.23	0	124,811.99	0	125,173.76	0	125,535.53	0	125,897.30	0	126,259.07	0	126,620.84	0	126,982.61	0	127,344.38	0	127,706.15	0	128,067.92	0	128,429.69	0	128,791.46	0	129,153.23	0	129,514.99	0	129,876.76	0	130,238.53	0	130,600.30	0	130,962.07	0	131,323.84	0	131,685.61	0	132,047.38	0	132,409.15	0	132,770.92	0	133,132.69	0	133,494.46	0	133,856.23	0	134,217.99	0	134,579.76	0	134,941.53	0	135,303.30	0	135,665.07	0	136,026.84	0	136,388.61	0	136,750.38	0	137,112.15	0	137,473.92	0	137,835.69	0	138,197.46	0	138,559.23	0	138,920.99	0	139,282.76	0	139,644.53	0	140,006.30	0	140,368.07	0	140,729.84	0	141,091.61	0	141,453.38	0	141,815.15	0	142,176.92	0	142,538.69	0	142,900.46	0	143,262.23	0	143,624.00	0	143,985.77	0	144,347.54	0	144,709.31	0	145,071.08	0	145,432.85	0	145,794.62	0	146,156.39	0	146,518.16	0	146,879.93	0	147,241.70	0	147,603.47	0	147,965.24	0	148,326.99	0	148,688.76	0	149,050.53	0	149,412.30	0	149,774.07	0	150,135.84	0	150,497.61	0	150,859.38	0	151,221.15	0	151,582.92	0	151,944.69	0	152,306.46	0	152,668.23	0	153,029.99	0	153,391.76	0	153,753.53	0	154,115.30	0	154,477.07	0	154,838.84	0	155,200.61	0	155,562.38	0	155,924.15	0	156,285.92	0	156,647.69	0	157,009.46	0	157,371.23	0	157,732.99	0	158,094.76	0	158,456.53	0	158,818.30	0	159,180.07	0	159,541.84	0	159,903.61	0	160,265.38	0	160,627.15	0	160,988.92	0	161,350.69	0	161,712.46	0	162,074.23	0	162,435.99	0	162,797.76	0	163,159.53	0	163,521.30	0	163,883.07	0	164,244.84	0	164,606.61	0	164,968.38	0	165,330.15	0	165,691.92	0	166,053.69	0	166,415.46	0	166,777.23	0	167,138.99	0	167,500.76	0	167,862.53	0	168,224.30	0	168,586.07	0	168,947.84	0	169,309.61	0	169,671.38	0	170,033.15	0	170,394.92	0	170,756.69	0	171,118.46	0	171,480.23	0	171,842.00	0	172,203.77	0	172,565.54	0	172,927.31	0	173,289.08	0	173,650.85	0	174,012.62	0	174,374.39	0	174,736.16	0	175,097.93	0	175,459.70	0	175,821.47	0	176,183.24	0	176,544.99	0	176,906.76	0	177,268.53	0	177,630.30	0	177,992.07	0	178,353.84	0	178,715.61	0	179,077.38	0	179,439.15	0	179,800.92	0	180,162.69	0	180,524.46	0	180,886.23	0	181,247.99	0	181,609.76	0	181,971.53	0	182,333.30	0	182,695.07	0	183,056.84	0	183,418.61	0	183,780.38	0	184,142.15	0	184,503.92	0	184,865.69	0	185,227.46	0	185,589.23	0	185,950.99	0	186,312.76	0	186,674.53	0	187,036.30	0	187,398.07	0	187,759.84	0	188,121.61	0	188,483.38	0	188,845.15	0	189,206.92	0	189,568.69	0	189,930.46	0	190,292.23	0	190,653.99	0	191,015.76	0	191,377.53	0	191,739.30	0	192,101.07	0	192,462.84	0	192,824.61	0	193,186.38	0	193,548.15	0	193,909.92	0	194,271.69	0	194,633.46	0	194,995.23	0	195,356.99	0	195,718.76	0	196,080.53	0	196,442.30	0	196,804.07	0	197,165.84	0	197,527.61	0	197,889.38	0	198,251.15	0	198,612.92	0	198,974.69	0	199,336.46	0	199,698.23	0	200,059.99	0	200,421.76	0	200,783.53	0	201,145.30	0	201,507.07	0	201,868.84	0	202,230.61	0	202,592.38	0	202,954.15	0	203,315.92	0	203,677.69</



# BARGE "EMS 507"

## 3 PORT INNAGE 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	3,618.03	0	3,915.72	0	4,205.83	0	4,472.85	0	4,714.10	0	4,930.10	0	5,125.36	0	5,305.36	0	5,475.36	0	5,640.36
1/4	3,624.86	1/4	3,921.87	1/4	4,211.83	1/4	4,477.92	1/4	4,718.85	1/4	4,934.23	1/4	5,129.49	1/4	5,309.49	1/4	5,479.49	1/4	5,644.49
1/2	3,631.68	1/2	3,928.01	1/2	4,217.43	1/2	4,483.18	1/2	4,723.60	1/2	4,938.36	1/2	5,133.62	1/2	5,313.62	1/2	5,483.62	1/2	5,648.62
3/4	3,638.51	3/4	3,934.16	3/4	4,223.23	3/4	4,488.45	3/4	4,728.35	3/4	4,942.48	3/4	5,137.74	3/4	5,317.74	3/4	5,487.74	3/4	5,652.74
1	3,645.33	1	3,940.30	1	4,229.03	1	4,493.72	1	4,733.10	1	4,946.81	1	5,141.07	1	5,321.07	1	5,491.07	1	5,656.07
1/4	3,651.48	1/4	3,946.45	1/4	4,234.79	1/4	4,498.94	1/4	4,737.81	1/4	4,951.87	1/4	5,147.13	1/4	5,327.13	1/4	5,497.13	1/4	5,662.13
1/2	3,657.62	1/2	3,952.59	1/2	4,240.54	1/2	4,504.17	1/2	4,742.62	1/2	4,956.74	1/2	5,153.00	1/2	5,333.00	1/2	5,503.00	1/2	5,668.00
3/4	3,663.77	3/4	3,958.74	3/4	4,246.30	3/4	4,509.39	3/4	4,747.23	3/4	4,961.30	3/4	5,159.56	3/4	5,339.56	3/4	5,509.56	3/4	5,674.56
1	3,669.91	1	3,964.88	1	4,252.06	1	4,514.61	1	4,751.93	1	4,966.87	1	5,165.13	1	5,345.13	1	5,515.13	1	5,680.13
1/4	3,676.06	1/4	3,971.03	1/4	4,257.77	1/4	4,519.80	1/4	4,756.80	1/4	4,972.88	1/4	5,171.14	1/4	5,351.14	1/4	5,521.14	1/4	5,686.14
1/2	3,682.20	1/2	3,977.17	1/2	4,263.49	1/2	4,524.98	1/2	4,761.26	1/2	4,978.31	1/2	5,177.57	1/2	5,357.57	1/2	5,527.57	1/2	5,692.57
3/4	3,688.35	3/4	3,983.32	3/4	4,269.20	3/4	4,530.16	3/4	4,766.92	3/4	4,984.94	3/4	5,183.20	3/4	5,363.20	3/4	5,533.20	3/4	5,698.20
1	3,694.50	1	3,989.46	1	4,274.91	1	4,535.34	1	4,770.69	1	4,990.96	1	5,191.22	1	5,371.22	1	5,541.22	1	5,706.22
1/4	3,700.64	1/4	3,995.61	1/4	4,280.59	1/4	4,540.48	1/4	4,776.21	1/4	4,996.98	1/4	5,197.24	1/4	5,377.24	1/4	5,547.24	1/4	5,712.24
1/2	3,706.79	1/2	4,001.76	1/2	4,286.26	1/2	4,545.62	1/2	4,779.83	1/2	5,003.00	1/2	5,203.26	1/2	5,383.26	1/2	5,553.26	1/2	5,718.26
3/4	3,712.93	3/4	4,007.90	3/4	4,291.93	3/4	4,550.75	3/4	4,784.45	3/4	5,008.03	3/4	5,208.29	3/4	5,388.29	3/4	5,558.29	3/4	5,723.29
1	3,719.08	1	4,014.05	1	4,297.60	1	4,555.89	1	4,789.07	1	5,015.05	1	5,215.31	1	5,395.31	1	5,565.31	1	5,730.31
1/4	3,725.22	1/4	4,020.18	1/4	4,303.23	1/4	4,560.99	1/4	4,793.65	1/4	5,020.60	1/4	5,220.86	1/4	5,400.86	1/4	5,570.86	1/4	5,735.86
1/2	3,731.37	1/2	4,026.32	1/2	4,308.86	1/2	4,566.08	1/2	4,798.23	1/2	5,026.16	1/2	5,226.42	1/2	5,406.42	1/2	5,576.42	1/2	5,741.42
3/4	3,737.51	3/4	4,032.45	3/4	4,314.48	3/4	4,571.16	3/4	4,802.81	3/4	5,031.71	3/4	5,231.97	3/4	5,411.97	3/4	5,581.97	3/4	5,746.97
1	3,743.66	1	4,038.59	1	4,320.11	1	4,576.27	1	4,807.38	1	5,037.26	1	5,237.52	1	5,417.52	1	5,587.52	1	5,752.52
1/4	3,749.80	1/4	4,044.69	1/4	4,325.70	1/4	4,581.32	1/4	4,811.32	1/4	5,043.20	1/4	5,243.46	1/4	5,423.46	1/4	5,593.46	1/4	5,758.46
1/2	3,755.95	1/2	4,050.79	1/2	4,331.28	1/2	4,586.37	1/2	4,816.45	1/2	5,048.34	1/2	5,248.60	1/2	5,428.60	1/2	5,598.60	1/2	5,763.60
3/4	3,762.09	3/4	4,056.89	3/4	4,336.87	3/4	4,591.43	3/4	4,820.99	3/4	5,054.46	3/4	5,254.72	3/4	5,434.72	3/4	5,604.72	3/4	5,769.72
1	3,768.24	1	4,062.99	1	4,342.45	1	4,596.48	1	4,825.62	1	5,061.49	1	5,261.75	1	5,441.75	1	5,611.75	1	5,776.75
1/4	3,774.38	1/4	4,069.05	1/4	4,348.00	1/4	4,601.49	1/4	4,830.01	1/4	5,068.01	1/4	5,268.27	1/4	5,448.27	1/4	5,618.27	1/4	5,783.27
1/2	3,780.53	1/2	4,075.16	1/2	4,353.54	1/2	4,606.50	1/2	4,834.51	1/2	5,074.03	1/2	5,274.29	1/2	5,454.29	1/2	5,624.29	1/2	5,789.29
3/4	3,786.67	3/4	4,081.17	3/4	4,359.08	3/4	4,611.50	3/4	4,839.00	3/4	5,080.03	3/4	5,280.29	3/4	5,460.29	3/4	5,630.29	3/4	5,795.29
1	3,792.82	1	4,087.23	1	4,364.62	1	4,616.51	1	4,843.49	1	5,086.03	1	5,286.29	1	5,466.29	1	5,636.29	1	5,801.29
1/4	3,798.96	1/4	4,093.25	1/4	4,370.12	1/4	4,621.49	1/4	4,849.94	1/4	5,092.06	1/4	5,292.32	1/4	5,472.32	1/4	5,642.32	1/4	5,807.32
1/2	3,805.11	1/2	4,099.26	1/2	4,375.62	1/2	4,626.44	1/2	4,855.39	1/2	5,097.41	1/2	5,297.67	1/2	5,477.67	1/2	5,647.67	1/2	5,812.67
3/4	3,811.25	3/4	4,105.28	3/4	4,381.12	3/4	4,631.41	3/4	4,860.84	3/4	5,102.43	3/4	5,302.69	3/4	5,482.69	3/4	5,652.69	3/4	5,817.69
1	3,817.40	1	4,111.29	1	4,386.62	1	4,636.38	1	4,861.28	1	5,107.45	1	5,307.71	1	5,487.71	1	5,657.71	1	5,822.71
1/4	3,823.54	1/4	4,117.27	1/4	4,392.06	1/4	4,641.30	1/4	4,866.28	1/4	5,112.47	1/4	5,312.73	1/4	5,492.73	1/4	5,662.73	1/4	5,827.73
1/2	3,829.69	1/2	4,123.24	1/2	4,397.51	1/2	4,646.22	1/2	4,870.09	1/2	5,117.49	1/2	5,317.75	1/2	5,497.75	1/2	5,667.75	1/2	5,832.75
3/4	3,835.83	3/4	4,129.21	3/4	4,402.96	3/4	4,651.14	3/4	4,874.50	3/4	5,122.52	3/4	5,322.78	3/4	5,502.78	3/4	5,672.78	3/4	5,837.78
1	3,841.98	1	4,135.19	1	4,408.41	1	4,656.07	1	4,878.91	1	5,127.55	1	5,327.81	1	5,507.81	1	5,677.81	1	5,842.81
1/4	3,848.13	1/4	4,141.12	1/4	4,413.80	1/4	4,660.95	1/4	4,883.27	1/4	5,132.58	1/4	5,332.84	1/4	5,512.84	1/4	5,682.84	1/4	5,847.84
1/2	3,854.27	1/2	4,147.05	1/2	4,419.20	1/2	4,665.83	1/2	4,887.63	1/2	5,137.61	1/2	5,337.87	1/2	5,517.87	1/2	5,687.87	1/2	5,852.87
3/4	3,860.42	3/4	4,152.97	3/4	4,424.60	3/4	4,670.70	3/4	4,891.99	3/4	5,142.64	3/4	5,342.90	3/4	5,522.90	3/4	5,692.90	3/4	5,857.90
1	3,866.56	1	4,158.90	1	4,429.99	1	4,675.68	1	4,896.36	1	5,147.62	1	5,347.88	1	5,527.88	1	5,697.88	1	5,862.88
1/4	3,872.71	1/4	4,164.79	1/4	4,435.35	1/4	4,680.42	1/4	4,900.62	1/4	5,152.55	1/4	5,352.81	1/4	5,532.81	1/4	5,702.81	1/4	5,867.81
1/2	3,878.85	1/2	4,170.68	1/2	4,440.70	1/2	4,685.26	1/2	4,905.89	1/2	5,157.48	1/2	5,357.74	1/2	5,537.74	1/2	5,707.74	1/2	5,872.74
3/4	3,885.00	3/4	4,176.56	3/4	4,446.05	3/4	4,690.09	3/4	4,909.15	3/4	5,162.41	3/4	5,362.67	3/4	5,542.67	3/4	5,712.67	3/4	5,877.67
1	3,891.14	1	4,182.45	1	4,451.41	1	4,694.93	1	4,913.42	1	5,167.34	1	5,367.60	1	5,547.60	1	5,717.60	1	5,882.60
1/4	3,897.29	1/4	4,188.29	1/4	4,456.72	1/4	4,699.72	1/4	4,918.71	1/4	5,172.27	1/4	5,372.53	1/4	5,552.53	1/4	5,722.53	1/4	5,887.53
1/2	3,903.43	1/2	4,194.14	1/2	4,462.03	1/2	4,704.52	1/2	4,924.76	1/2	5,177.20	1/2	5,377.46	1/2	5,557.46	1/2	5,727.46	1/2	5,892.46
3/4	3,909.58	3/4	4,199.98	3/4	4,467.34	3/4	4,709.31	3/4	4,929.93	3/4	5,182.13	3/4	5,382.39	3/4	5,562.39	3/4	5,732.39	3/4	5,897.39

STRAPPED: 05/09/2019 JS  
CALCULATED: 05/10/2019 CL  
PRINTED: 05/12/2019 SW

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*Paul J. Pearson*

# BARGE "EMS 507"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	13.06	1/4	362.92	1/4	724.96	1/4	1,076.95	1/4	1,433.30	1/4	1,795.32	1/4	2,154.62	1/4	2,516.49	1/4	2,878.17	1/4	3,240.09
1/2	18.09	1/2	732.47	1/2	1,464.94	1/2	2,197.41	1/2	2,932.38	1/2	3,667.35	1/2	4,402.32	1/2	5,137.29	1/2	5,872.26	1/2	6,607.23
3/4	23.13	3/4	740.00	3/4	1,480.00	3/4	2,160.00	3/4	2,840.00	3/4	3,520.00	3/4	4,200.00	3/4	4,880.00	3/4	5,560.00	3/4	6,240.00
1	28.17	1	747.52	1	1,495.04	1	2,190.08	1	2,885.12	1	3,579.16	1	4,273.20	1	4,967.24	1	5,661.28	1	6,355.32
1 1/4	33.21	1 1/4	755.05	1 1/4	1,510.10	1 1/4	2,205.14	1 1/4	2,900.18	1 1/4	3,595.22	1 1/4	4,290.26	1 1/4	4,985.30	1 1/4	5,680.34	1 1/4	6,375.38
1 1/2	38.25	1 1/2	762.58	1 1/2	1,525.16	1 1/2	2,220.19	1 1/2	2,915.23	1 1/2	3,610.27	1 1/2	4,305.31	1 1/2	5,000.35	1 1/2	5,695.39	1 1/2	6,390.43
1 3/4	43.29	1 3/4	770.11	1 3/4	1,540.22	1 3/4	2,235.24	1 3/4	2,930.28	1 3/4	3,625.32	1 3/4	4,320.36	1 3/4	5,015.40	1 3/4	5,710.44	1 3/4	6,405.48
2	48.33	2	777.63	2	1,555.26	2	2,250.29	2	2,945.33	2	3,640.37	2	4,335.41	2	5,030.45	2	5,725.49	2	6,420.53
2 1/4	53.37	2 1/4	785.15	2 1/4	1,570.31	2 1/4	2,265.33	2 1/4	2,960.37	2 1/4	3,655.41	2 1/4	4,350.45	2 1/4	5,045.49	2 1/4	5,740.53	2 1/4	6,435.57
2 1/2	58.41	2 1/2	792.68	2 1/2	1,585.34	2 1/2	2,280.36	2 1/2	2,975.40	2 1/2	3,670.44	2 1/2	4,365.48	2 1/2	5,060.52	2 1/2	5,755.56	2 1/2	6,450.60
2 3/4	63.45	2 3/4	800.20	2 3/4	1,600.38	2 3/4	2,295.40	2 3/4	3,000.44	2 3/4	3,695.48	2 3/4	4,390.52	2 3/4	5,085.56	2 3/4	5,780.60	2 3/4	6,475.64
3	68.49	3	807.73	3	1,615.41	3	2,310.43	3	3,015.47	3	3,710.51	3	4,405.55	3	5,100.59	3	5,795.63	3	6,490.67
3 1/4	73.53	3 1/4	815.26	3 1/4	1,630.44	3 1/4	2,325.46	3 1/4	3,030.50	3 1/4	3,725.54	3 1/4	4,420.58	3 1/4	5,115.62	3 1/4	5,810.66	3 1/4	6,505.70
3 1/2	78.57	3 1/2	822.78	3 1/2	1,645.46	3 1/2	2,340.48	3 1/2	3,045.52	3 1/2	3,740.56	3 1/2	4,435.60	3 1/2	5,130.64	3 1/2	5,825.68	3 1/2	6,520.72
3 3/4	83.61	3 3/4	830.31	3 3/4	1,660.49	3 3/4	2,355.51	3 3/4	3,060.55	3 3/4	3,755.59	3 3/4	4,450.63	3 3/4	5,145.67	3 3/4	5,840.71	3 3/4	6,535.75
4	88.65	4	837.83	4	1,675.52	4	2,370.54	4	3,075.58	4	3,770.62	4	4,465.66	4	5,160.70	4	5,855.74	4	6,550.78
4 1/4	93.69	4 1/4	845.36	4 1/4	1,690.55	4 1/4	2,385.57	4 1/4	3,090.61	4 1/4	3,785.65	4 1/4	4,480.69	4 1/4	5,175.73	4 1/4	5,870.77	4 1/4	6,565.82
4 1/2	98.73	4 1/2	852.88	4 1/2	1,705.58	4 1/2	2,400.60	4 1/2	3,105.64	4 1/2	3,800.68	4 1/2	4,495.72	4 1/2	5,190.76	4 1/2	5,885.80	4 1/2	6,580.84
4 3/4	103.77	4 3/4	860.40	4 3/4	1,720.61	4 3/4	2,415.63	4 3/4	3,120.67	4 3/4	3,815.71	4 3/4	4,510.75	4 3/4	5,205.79	4 3/4	5,900.83	4 3/4	6,595.88
5	108.81	5	867.93	5	1,735.64	5	2,430.66	5	3,135.70	5	3,830.74	5	4,525.78	5	5,220.82	5	5,915.86	5	6,610.90
5 1/4	113.85	5 1/4	875.45	5 1/4	1,750.67	5 1/4	2,445.69	5 1/4	3,150.73	5 1/4	3,845.77	5 1/4	4,540.81	5 1/4	5,235.85	5 1/4	5,930.89	5 1/4	6,625.94
5 1/2	118.89	5 1/2	882.97	5 1/2	1,765.70	5 1/2	2,460.72	5 1/2	3,165.76	5 1/2	3,860.80	5 1/2	4,555.84	5 1/2	5,250.88	5 1/2	5,945.92	5 1/2	6,640.98
5 3/4	123.93	5 3/4	890.50	5 3/4	1,780.73	5 3/4	2,475.75	5 3/4	3,180.79	5 3/4	3,875.83	5 3/4	4,570.87	5 3/4	5,265.91	5 3/4	5,960.95	5 3/4	6,656.02
6	128.97	6	898.02	6	1,795.76	6	2,490.78	6	3,195.82	6	3,890.86	6	4,585.90	6	5,280.94	6	5,975.98	6	6,671.06
6 1/4	134.01	6 1/4	905.54	6 1/4	1,810.79	6 1/4	2,505.81	6 1/4	3,210.85	6 1/4	3,905.89	6 1/4	4,600.93	6 1/4	5,295.97	6 1/4	5,991.01	6 1/4	6,686.10
6 1/2	139.05	6 1/2	913.06	6 1/2	1,825.82	6 1/2	2,520.84	6 1/2	3,225.88	6 1/2	3,920.92	6 1/2	4,615.96	6 1/2	5,310.99	6 1/2	6,006.03	6 1/2	6,701.14
6 3/4	144.09	6 3/4	920.58	6 3/4	1,840.85	6 3/4	2,535.87	6 3/4	3,240.91	6 3/4	3,935.95	6 3/4	4,631.00	6 3/4	5,326.02	6 3/4	6,021.07	6 3/4	6,716.18
7	149.13	7	928.10	7	1,855.88	7	2,550.90	7	3,255.94	7	3,950.98	7	4,646.02	7	5,341.06	7	6,036.11	7	6,731.22
7 1/4	154.17	7 1/4	935.62	7 1/4	1,870.91	7 1/4	2,565.93	7 1/4	3,270.97	7 1/4	3,966.01	7 1/4	4,661.05	7 1/4	5,356.09	7 1/4	6,051.15	7 1/4	6,746.26
7 1/2	159.21	7 1/2	943.14	7 1/2	1,885.94	7 1/2	2,580.96	7 1/2	3,286.00	7 1/2	3,981.04	7 1/2	4,676.08	7 1/2	5,371.13	7 1/2	6,066.20	7 1/2	6,761.30
7 3/4	164.25	7 3/4	950.66	7 3/4	1,900.97	7 3/4	2,595.99	7 3/4	3,301.03	7 3/4	4,001.07	7 3/4	4,691.11	7 3/4	5,386.17	7 3/4	6,081.24	7 3/4	6,776.34
8	169.29	8	958.18	8	1,916.00	8	2,611.02	8	3,316.06	8	4,016.10	8	4,706.14	8	5,401.18	8	6,096.28	8	6,791.38
8 1/4	174.33	8 1/4	965.70	8 1/4	1,931.03	8 1/4	2,626.05	8 1/4	3,331.09	8 1/4	4,031.13	8 1/4	4,721.17	8 1/4	5,416.22	8 1/4	6,111.32	8 1/4	6,806.42
8 1/2	179.37	8 1/2	973.22	8 1/2	1,946.06	8 1/2	2,641.08	8 1/2	3,346.12	8 1/2	4,046.16	8 1/2	4,736.20	8 1/2	5,431.26	8 1/2	6,126.36	8 1/2	6,821.46
8 3/4	184.41	8 3/4	980.74	8 3/4	1,961.09	8 3/4	2,656.11	8 3/4	3,361.15	8 3/4	4,061.19	8 3/4	4,751.23	8 3/4	5,446.30	8 3/4	6,141.40	8 3/4	6,836.50
9	189.45	9	988.26	9	1,976.12	9	2,671.14	9	3,376.18	9	4,076.22	9	4,766.26	9	5,461.34	9	6,156.44	9	6,851.54
9 1/4	194.49	9 1/4	995.78	9 1/4	1,991.15	9 1/4	2,686.17	9 1/4	3,391.21	9 1/4	4,091.25	9 1/4	4,781.29	9 1/4	5,476.38	9 1/4	6,171.48	9 1/4	6,866.58
9 1/2	199.53	9 1/2	1,003.30	9 1/2	2,006.18	9 1/2	2,701.20	9 1/2	3,406.24	9 1/2	4,106.28	9 1/2	4,796.32	9 1/2	5,491.42	9 1/2	6,186.52	9 1/2	6,881.62
9 3/4	204.57	9 3/4	1,010.82	9 3/4	2,021.21	9 3/4	2,716.23	9 3/4	3,421.27	9 3/4	4,121.31	9 3/4	4,811.35	9 3/4	5,506.46	9 3/4	6,201.56	9 3/4	6,896.66
10	209.61	10	1,018.34	10	2,036.24	10	2,731.26	10	3,436.30	10	4,136.34	10	4,826.38	10	5,516.42	10	6,216.60	10	6,911.70
10 1/4	214.65	10 1/4	1,025.86	10 1/4	2,051.25	10 1/4	2,746.29	10 1/4	3,451.33	10 1/4	4,151.37	10 1/4	4,841.41	10 1/4	5,531.46	10 1/4	6,231.64	10 1/4	6,926.74
10 1/2	219.69	10 1/2	1,033.38	10 1/2	2,066.27	10 1/2	2,761.31	10 1/2	3,466.36	10 1/2	4,166.40	10 1/2	4,856.44	10 1/2	5,546.48	10 1/2	6,246.68	10 1/2	6,941.78
10 3/4	224.73	10 3/4	1,040.90	10 3/4	2,081.29	10 3/4	2,776.33	10 3/4	3,481.39	10 3/4	4,181.43	10 3/4	4,871.47	10 3/4	5,561.52	10 3/4	6,261.72	10 3/4	6,956.82
11	229.77	11	1,048.42	11	2,096.30	11	2,791.36	11	3,496.41	11	4,196.45	11	4,886.49	11	5,576.53	11	6,276.76	11	6,971.86
11 1/4	234.81	11 1/4	1,055.94	11 1/4	2,111.31	11 1/4	2,806.38	11 1/4	3,511.42	11 1/4	4,211.46	11 1/4	4,901.50	11 1/4	5,591.54	11 1/4	6,291.80	11 1/4	7,001.90
11 1/2	239.85	11 1/2	1,063.46	11 1/2	2,126.33	11 1/2	2,821.40	11 1/2	3,526.44	11 1/2	4,226.48	11 1/2	4,916.52	11 1/2	5,606.56	11 1/2	6,306.84	11 1/2	7,016.94
11 3/4	244.89	11 3/4	1,070.98	11 3/4	2,141.35	11 3/4	2,836.42	11 3/4	3,541.46	11 3/4	4,241.50	11 3/4	4,931.54	11 3/4	5,621.58	11 3/4	6,321.88	11 3/4	7,031.98
12	249.93	12	1,078.50	12	2,156.36	12	2,851.44	12	3,556.48	12	4,256.52	12	4,946.56	12	5,636.60	12	6,336.92	12	7,047.02
12 1/4	254.97	12 1/4	1,086.02	12 1/4	2,171.38	12 1/4	2,866.46	12 1/4	3,571.50	12 1/4	4,271.54	12 1/4	4,961.58	12 1/4	5,651.62	12 1/4	6,351.96	12 1/4	7,062.06
12 1/2	259.99	12 1/2	1,093.54	12 1/2	2,186.40	12 1/2	2,881.48	12 1/2	3,586.52	12 1/2	4,286.56	12 1/2	4,976.60	12 1/2	5,666.64	12 1/2	6,367.00	12 1/2	7,077.10
12 3/4	265.03	12 3/4	1,101.06	12 3/4	2,201.42	12 3/4	2,896.50	12 3/4	3,601.54	12 3/4	4,301.58	12 3/4	5,001.62	12 3/4	5,681.66	12 3/4	6,382.04	12 3/4	7,092.14
13	270.07	13	1,108.58	13	2,216.44	13	2,911.52	13	3,616.56	13	4,316.60	13	5,016.64	13	5,701.68	13	6,397.08	13	7,107.18
13 1/4	275.11	13 1/4	1,116.10	13 1/4	2,231.46	13 1/4	2,926.54	13 1/4	3,631.60	13 1/4	4,331.64	13 1/4	5,						



# BARGE "EMS 507"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,601.30	0	3,900.11	0	4,191.35	0	4,489.41	0	4,702.20	0	4,919.64	0	5,105.02	0	5,272.32	0	5,425.00	0	5,566.64
1/4	3,608.15	1/4	3,906.28	1/4	4,197.17	1/4	4,494.70	1/4	4,707.59	1/4	4,924.93	1/4	5,110.31	1/4	5,277.61	1/4	5,430.29	1/4	5,571.93
1/2	3,615.00	1/2	3,912.44	1/2	4,203.00	1/2	4,470.00	1/2	4,711.76	1/2	4,927.96	1/2	5,113.34	1/2	5,280.64	1/2	5,433.32	1/2	5,575.00
3/4	3,621.84	3/4	3,918.61	3/4	4,208.83	3/4	4,475.29	3/4	4,716.54	3/4	4,932.12	3/4	5,116.51	3/4	5,283.19	3/4	5,436.29	3/4	5,581.17
1	3,628.69	1	3,924.78	1	4,214.65	1	4,480.69	1	4,721.32	1	4,936.28	1	5,119.51	1	5,286.07	1	5,439.28	1	5,584.06
1/4	3,634.86	1/4	3,930.95	1/4	4,220.43	1/4	4,486.84	1/4	4,726.06	1/4	4,941.37	1/4	5,122.34	1/4	5,291.04	1/4	5,442.27	1/4	5,586.95
1/2	3,641.03	1/2	3,937.12	1/2	4,226.22	1/2	4,491.09	1/2	4,730.79	1/2	4,946.46	1/2	5,125.23	1/2	5,293.93	1/2	5,445.16	1/2	5,589.84
3/4	3,647.19	3/4	3,943.29	3/4	4,232.00	3/4	4,496.34	3/4	4,735.53	3/4	4,951.55	3/4	5,128.12	3/4	5,296.82	3/4	5,448.05	3/4	5,592.73
2	3,653.36	2	3,949.46	2	4,237.78	2	4,501.59	2	4,740.26	2	4,956.64	2	5,131.01	2	5,300.71	2	5,450.94	2	5,595.62
1/4	3,659.53	1/4	3,955.62	1/4	4,243.52	1/4	4,506.80	1/4	4,744.96	1/4	4,961.89	1/4	5,133.90	1/4	5,303.60	1/4	5,453.83	1/4	5,598.51
1/2	3,665.70	1/2	3,961.79	1/2	4,249.26	1/2	4,512.01	1/2	4,749.69	1/2	4,966.74	1/2	5,136.79	1/2	5,306.49	1/2	5,456.72	1/2	5,601.40
3/4	3,671.87	3/4	3,967.96	3/4	4,255.00	3/4	4,517.22	3/4	4,754.34	3/4	4,971.79	3/4	5,139.68	3/4	5,309.38	3/4	5,459.61	3/4	5,604.29
3	3,678.04	3	3,974.13	3	4,260.74	3	4,522.42	3	4,759.04	3	4,980.83	3	5,142.57	3	5,312.27	3	5,462.50	3	5,607.18
1/4	3,684.21	1/4	3,980.30	1/4	4,266.43	1/4	4,527.59	1/4	4,763.89	1/4	4,986.88	1/4	5,145.46	1/4	5,315.16	1/4	5,465.39	1/4	5,610.07
1/2	3,690.37	1/2	3,986.47	1/2	4,272.13	1/2	4,532.76	1/2	4,768.34	1/2	4,992.93	1/2	5,148.35	1/2	5,318.05	1/2	5,468.28	1/2	5,612.96
3/4	3,696.54	3/4	3,992.64	3/4	4,277.83	3/4	4,537.92	3/4	4,772.99	3/4	4,998.07	3/4	5,151.24	3/4	5,320.94	3/4	5,471.17	3/4	5,615.85
4	3,702.71	4	3,998.80	4	4,283.52	4	4,543.09	4	4,777.64	4	5,005.02	4	5,154.13	4	5,323.83	4	5,474.06	4	5,618.74
1/4	3,708.88	1/4	4,004.96	1/4	4,289.16	1/4	4,548.21	1/4	4,782.26	1/4	5,010.59	1/4	5,157.02	1/4	5,326.72	1/4	5,476.95	1/4	5,621.63
1/2	3,715.05	1/2	4,011.12	1/2	4,294.83	1/2	4,553.33	1/2	4,786.86	1/2	5,013.48	1/2	5,159.91	1/2	5,329.61	1/2	5,479.84	1/2	5,624.52
3/4	3,721.22	3/4	4,017.28	3/4	4,300.48	3/4	4,558.45	3/4	4,791.46	3/4	5,016.37	3/4	5,162.80	3/4	5,332.50	3/4	5,482.73	3/4	5,627.41
5	3,727.39	5	4,023.44	5	4,306.14	5	4,563.58	5	4,796.07	5	5,019.26	5	5,165.69	5	5,335.39	5	5,485.62	5	5,630.30
1/4	3,733.56	1/4	4,029.59	1/4	4,311.75	1/4	4,568.69	1/4	4,800.63	1/4	5,022.15	1/4	5,168.58	1/4	5,338.28	1/4	5,488.51	1/4	5,633.19
1/2	3,739.72	1/2	4,035.75	1/2	4,317.36	1/2	4,573.74	1/2	4,805.20	1/2	5,025.04	1/2	5,171.47	1/2	5,341.17	1/2	5,491.40	1/2	5,636.08
3/4	3,745.89	3/4	4,041.91	3/4	4,322.97	3/4	4,578.81	3/4	4,807.76	3/4	5,027.93	3/4	5,174.36	3/4	5,344.06	3/4	5,494.29	3/4	5,638.97
6	3,752.06	6	4,047.94	6	4,328.58	6	4,583.99	6	4,814.33	6	5,030.82	6	5,177.25	6	5,346.95	6	5,497.18	6	5,641.86
1/4	3,758.23	1/4	4,054.02	1/4	4,334.15	1/4	4,589.00	1/4	4,819.44	1/4	5,033.71	1/4	5,180.14	1/4	5,349.84	1/4	5,500.07	1/4	5,644.75
1/2	3,764.40	1/2	4,060.10	1/2	4,339.72	1/2	4,593.97	1/2	4,823.37	1/2	5,036.60	1/2	5,183.03	1/2	5,352.73	1/2	5,502.96	1/2	5,647.64
3/4	3,770.57	3/4	4,066.19	3/4	4,345.28	3/4	4,599.00	3/4	4,827.89	3/4	5,039.49	3/4	5,185.92	3/4	5,355.62	3/4	5,505.85	3/4	5,650.53
7	3,776.74	7	4,072.27	7	4,350.85	7	4,604.04	7	4,832.42	7	5,042.38	7	5,188.81	7	5,358.51	7	5,508.74	7	5,653.42
1/4	3,782.90	1/4	4,078.31	1/4	4,356.38	1/4	4,609.04	1/4	4,836.89	1/4	5,045.27	1/4	5,191.70	1/4	5,361.40	1/4	5,511.63	1/4	5,656.31
1/2	3,789.07	1/2	4,084.35	1/2	4,361.90	1/2	4,614.03	1/2	4,841.37	1/2	5,048.16	1/2	5,194.59	1/2	5,364.29	1/2	5,514.52	1/2	5,659.20
3/4	3,795.24	3/4	4,090.39	3/4	4,367.43	3/4	4,619.02	3/4	4,846.85	3/4	5,051.05	3/4	5,197.48	3/4	5,367.18	3/4	5,517.41	3/4	5,662.09
8	3,801.41	8	4,096.43	8	4,372.95	8	4,624.02	8	4,850.33	8	5,053.94	8	5,200.37	8	5,370.07	8	5,520.30	8	5,664.98
1/4	3,807.58	1/4	4,102.43	1/4	4,378.43	1/4	4,628.97	1/4	4,854.77	1/4	5,056.83	1/4	5,203.26	1/4	5,372.96	1/4	5,523.19	1/4	5,667.87
1/2	3,813.75	1/2	4,108.42	1/2	4,383.90	1/2	4,633.92	1/2	4,859.20	1/2	5,059.72	1/2	5,206.15	1/2	5,375.85	1/2	5,526.08	1/2	5,670.76
3/4	3,819.92	3/4	4,114.42	3/4	4,389.37	3/4	4,638.87	3/4	4,863.64	3/4	5,062.61	3/4	5,209.04	3/4	5,378.74	3/4	5,528.97	3/4	5,673.65
9	3,826.08	9	4,120.42	9	4,394.85	9	4,643.82	9	4,868.07	9	5,065.50	9	5,211.93	9	5,381.63	9	5,531.86	9	5,676.54
1/4	3,832.25	1/4	4,126.37	1/4	4,400.27	1/4	4,648.73	1/4	4,872.47	1/4	5,068.39	1/4	5,214.82	1/4	5,384.52	1/4	5,534.75	1/4	5,679.43
1/2	3,838.42	1/2	4,132.32	1/2	4,405.69	1/2	4,653.64	1/2	4,876.86	1/2	5,071.28	1/2	5,217.71	1/2	5,387.41	1/2	5,537.64	1/2	5,682.32
3/4	3,844.59	3/4	4,138.28	3/4	4,411.12	3/4	4,658.54	3/4	4,881.25	3/4	5,074.17	3/4	5,220.60	3/4	5,390.30	3/4	5,540.53	3/4	5,685.21
10	3,850.76	10	4,144.23	10	4,416.54	10	4,663.45	10	4,885.65	10	5,077.06	10	5,223.49	10	5,393.19	10	5,543.42	10	5,688.10
1/4	3,856.93	1/4	4,150.14	1/4	4,421.92	1/4	4,668.32	1/4	4,889.94	1/4	5,080.95	1/4	5,226.38	1/4	5,396.08	1/4	5,546.31	1/4	5,690.99
1/2	3,863.10	1/2	4,156.05	1/2	4,427.30	1/2	4,673.18	1/2	4,894.24	1/2	5,083.84	1/2	5,229.27	1/2	5,398.97	1/2	5,549.20	1/2	5,693.88
3/4	3,869.26	3/4	4,161.97	3/4	4,432.68	3/4	4,678.05	3/4	4,898.54	3/4	5,086.73	3/4	5,232.16	3/4	5,401.86	3/4	5,552.09	3/4	5,696.77
11	3,875.43	11	4,167.88	11	4,438.06	11	4,682.91	11	4,902.84	11	5,090.62	11	5,235.05	11	5,404.75	11	5,554.98	11	5,699.66
1/4	3,881.60	1/4	4,173.75	1/4	4,443.40	1/4	4,687.73	1/4	4,907.04	1/4	5,093.51	1/4	5,237.94	1/4	5,407.64	1/4	5,557.87	1/4	5,702.55
1/2	3,887.77	1/2	4,179.61	1/2	4,448.73	1/2	4,692.56	1/2	4,911.24	1/2	5,096.40	1/2	5,240.83	1/2	5,410.53	1/2	5,560.76	1/2	5,705.44
3/4	3,893.94	3/4	4,185.48	3/4	4,454.07	3/4	4,697.38	3/4	4,915.44	3/4	5,099.29	3/4	5,243.72	3/4	5,413.42	3/4	5,563.65	3/4	5,708.33

STRAPPED: 06/09/2019 JS

CALCULATED: 06/10/2019 CL

PRINTED: 06/12/2019 SW

CANCELS AND SUPERCEDES

ALL PRIOR TO 06/20/19

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77586

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*Signature*



# BARGE "EMS 507"

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

May 9, 2019

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

<http://www.pmacorp.net>



1 PORT  
ULLAGE TAB

## ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS											
0 FT.			1 FT.			2 FT.			3 FT.		
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1/4	1/4	4,793.47	1/4	4,831.47	0	4,798.81	0	4,798.81	0	4,798.81
1/2	1/2	1/2	4,788.13	1/2	4,826.55	1/4	4,788.13	1/4	4,826.55	1/4	4,788.13
3/4	3/4	3/4	4,782.80	3/4	4,821.22	1/2	4,782.80	1/2	4,821.22	1/2	4,782.80
1	1	1	4,777.47	1	4,815.89	3/4	4,777.47	3/4	4,815.89	3/4	4,777.47
1 1/4	1 1/4	1 1/4	4,772.04	1 1/4	4,810.46	1	4,772.04	1	4,810.46	1	4,772.04
1 1/2	1 1/2	1 1/2	4,766.67	1 1/2	4,805.09	1/2	4,766.67	1/2	4,805.09	1/2	4,766.67
3/4	3/4	3/4	4,761.29	3/4	4,800.71	3/4	4,761.29	3/4	4,800.71	3/4	4,761.29
2	2	2	4,755.87	2	4,794.48	2	4,755.87	2	4,794.48	2	4,755.87
2 1/4	2 1/4	2 1/4	4,750.45	2 1/4	4,789.06	1 1/4	4,750.45	1 1/4	4,789.06	1 1/4	4,750.45
1/2	1/2	1/2	4,745.03	1/2	4,783.64	1/2	4,745.03	1/2	4,783.64	1/2	4,745.03
3/4	3/4	3/4	4,739.62	3/4	4,778.23	3/4	4,739.62	3/4	4,778.23	3/4	4,739.62
3	3	3	4,734.16	3	4,772.77	3	4,734.16	3	4,772.77	3	4,734.16
3 1/4	3 1/4	3 1/4	4,728.70	3 1/4	4,767.31	1 1/4	4,728.70	1 1/4	4,767.31	1 1/4	4,728.70
1/2	1/2	1/2	4,723.24	1/2	4,761.85	1/2	4,723.24	1/2	4,761.85	1/2	4,723.24
3/4	3/4	3/4	4,717.78	3/4	4,756.39	3/4	4,717.78	3/4	4,756.39	3/4	4,717.78
4	4	4	4,712.32	4	4,750.93	4	4,712.32	4	4,750.93	4	4,712.32
1 1/4	1 1/4	1 1/4	4,706.79	1 1/4	4,745.40	1 1/4	4,706.79	1 1/4	4,745.40	1 1/4	4,706.79
1/2	1/2	1/2	4,701.29	1/2	4,740.90	1/2	4,701.29	1/2	4,740.90	1/2	4,701.29
3/4	3/4	3/4	4,695.79	3/4	4,735.40	3/4	4,695.79	3/4	4,735.40	3/4	4,695.79
5	5	5	4,690.25	5	4,729.86	5	4,690.25	5	4,729.86	5	4,690.25
1 1/4	1 1/4	1 1/4	4,684.71	1 1/4	4,724.32	1 1/4	4,684.71	1 1/4	4,724.32	1 1/4	4,684.71
1/2	1/2	1/2	4,679.17	1/2	4,718.78	1/2	4,679.17	1/2	4,718.78	1/2	4,679.17
3/4	3/4	3/4	4,673.63	3/4	4,713.24	3/4	4,673.63	3/4	4,713.24	3/4	4,673.63
6	6	6	4,668.05	6	4,707.66	6	4,668.05	6	4,707.66	6	4,668.05
1 1/4	1 1/4	1 1/4	4,662.47	1 1/4	4,702.08	1 1/4	4,662.47	1 1/4	4,702.08	1 1/4	4,662.47
1/2	1/2	1/2	4,656.89	1/2	4,696.50	1/2	4,656.89	1/2	4,696.50	1/2	4,656.89
3/4	3/4	3/4	4,651.31	3/4	4,690.92	3/4	4,651.31	3/4	4,690.92	3/4	4,651.31
7	7	7	4,645.69	7	4,685.30	7	4,645.69	7	4,685.30	7	4,645.69
1 1/4	1 1/4	1 1/4	4,640.07	1 1/4	4,679.68	1 1/4	4,640.07	1 1/4	4,679.68	1 1/4	4,640.07
1/2	1/2	1/2	4,634.45	1							

1.64	3/4	2,916.13	3/4	2,575.63
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CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT  
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P.O. Box 2092  
Pearland, Texas 77588  
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SHEET NO. 1 OF 12

# BARGE "EMS 507"

## 1 PORT ULLAGE TABLE

PMA

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,568.54	0	2,228.03	0	1,887.52	0	1,547.00	0	1,206.48	0	865.96	0	525.44	0	184.92	0	4.40	0	0
1/4	2,561.44	1/4	2,220.94	1/4	1,880.43	1/4	1,539.91	1/4	1,199.39	1/4	860.68	1/4	520.16	1/4	180.59	1/4	4.16	1/4	0
1/2	2,554.35	1/2	2,213.85	1/2	1,873.33	1/2	1,532.81	1/2	1,192.30	1/2	855.36	1/2	514.83	1/2	175.83	1/2	3.92	1/2	0
3/4	2,547.26	3/4	2,206.76	3/4	1,866.24	3/4	1,525.72	3/4	1,185.20	3/4	850.00	3/4	509.57	3/4	171.08	3/4	3.68	3/4	0
1	2,540.16	1	2,199.66	1	1,859.14	1	1,518.62	1	1,178.11	1	844.63	1	504.32	1	166.33	1	3.44	1	0
1/4	2,533.07	1/4	2,192.56	1/4	1,852.05	1/4	1,511.53	1/4	1,171.01	1/4	839.39	1/4	499.07	1/4	161.59	1/4	3.20	1/4	0
1/2	2,525.97	1/2	2,185.47	1/2	1,844.95	1/2	1,504.44	1/2	1,163.92	1/2	834.16	1/2	493.82	1/2	156.84	1/2	2.96	1/2	0
3/4	2,518.88	3/4	2,178.38	3/4	1,837.86	3/4	1,497.34	3/4	1,156.82	3/4	828.93	3/4	488.56	3/4	152.09	3/4	2.72	3/4	0
2	2,511.79	2	2,171.28	2	1,830.76	2	1,490.25	2	1,149.73	2	823.68	2	483.30	2	147.34	2	2.48	2	0
1/4	2,504.69	1/4	2,164.19	1/4	1,823.67	1/4	1,483.15	1/4	1,142.64	1/4	818.43	1/4	478.04	1/4	142.59	1/4	2.24	1/4	0
1/2	2,497.60	1/2	2,157.10	1/2	1,816.58	1/2	1,476.06	1/2	1,135.54	1/2	813.18	1/2	472.79	1/2	137.84	1/2	2.00	1/2	0
3/4	2,490.50	3/4	2,150.00	3/4	1,809.48	3/4	1,468.97	3/4	1,128.45	3/4	807.93	3/4	467.53	3/4	133.09	3/4	1.76	3/4	0
3	2,483.41	3	2,142.91	3	1,802.39	3	1,461.87	3	1,121.35	3	802.68	3	462.28	3	128.34	3	1.52	3	0
1/4	2,476.32	1/4	2,135.81	1/4	1,795.29	1/4	1,454.78	1/4	1,114.26	1/4	797.43	1/4	457.03	1/4	123.59	1/4	1.28	1/4	0
1/2	2,469.22	1/2	2,128.72	1/2	1,788.20	1/2	1,447.68	1/2	1,107.17	1/2	792.18	1/2	451.78	1/2	118.84	1/2	1.04	1/2	0
3/4	2,462.13	3/4	2,121.63	3/4	1,781.11	3/4	1,440.59	3/4	1,100.07	3/4	786.93	3/4	446.53	3/4	114.09	3/4	0.80	3/4	0
4	2,455.04	4	2,114.53	4	1,774.01	4	1,433.49	4	1,092.98	4	781.68	4	441.28	4	109.34	4	0.56	4	0
1/4	2,447.94	1/4	2,107.44	1/4	1,766.92	1/4	1,426.40	1/4	1,085.88	1/4	776.43	1/4	436.03	1/4	104.59	1/4	0.32	1/4	0
1/2	2,440.85	1/2	2,100.35	1/2	1,759.82	1/2	1,419.31	1/2	1,078.79	1/2	771.18	1/2	430.78	1/2	99.84	1/2	0.08	1/2	0
3/4	2,433.75	3/4	2,093.26	3/4	1,752.73	3/4	1,412.21	3/4	1,071.70	3/4	765.93	3/4	425.53	3/4	95.09	3/4	0.00	3/4	0
5	2,426.66	5	2,086.16	5	1,745.64	5	1,405.12	5	1,064.61	5	760.68	5	420.28	5	90.34	5	0.00	5	0
1/4	2,419.57	1/4	2,079.06	1/4	1,738.54	1/4	1,398.02	1/4	1,057.53	1/4	755.43	1/4	415.03	1/4	85.59	1/4	0.00	1/4	0
1/2	2,412.47	1/2	2,071.97	1/2	1,731.45	1/2	1,390.93	1/2	1,050.45	1/2	750.18	1/2	409.78	1/2	80.84	1/2	0.00	1/2	0
3/4	2,405.38	3/4	2,064.87	3/4	1,724.35	3/4	1,383.84	3/4	1,043.37	3/4	744.93	3/4	404.53	3/4	76.09	3/4	0.00	3/4	0
6	2,398.29	6	2,057.78	6	1,717.26	6	1,376.74	6	1,036.30	6	739.68	6	399.28	6	71.34	6	0.00	6	0
1/4	2,391.19	1/4	2,050.69	1/4	1,710.16	1/4	1,369.65	1/4	1,029.24	1/4	734.43	1/4	394.03	1/4	66.59	1/4	0.00	1/4	0
1/2	2,384.10	1/2	2,043.59	1/2	1,703.07	1/2	1,362.56	1/2	1,022.17	1/2	729.18	1/2	388.78	1/2	61.84	1/2	0.00	1/2	0
3/4	2,377.00	3/4	2,036.50	3/4	1,695.98	3/4	1,355.46	3/4	1,015.11	3/4	723.93	3/4	383.53	3/4	57.09	3/4	0.00	3/4	0
7	2,369.91	7	2,029.40	7	1,688.88	7	1,348.37	7	1,008.05	7	718.68	7	378.28	7	52.34	7	0.00	7	0
1/4	2,362.82	1/4	2,022.31	1/4	1,681.79	1/4	1,341.27	1/4	1,000.99	1/4	713.43	1/4	373.03	1/4	47.59	1/4	0.00	1/4	0
1/2	2,355.72	1/2	2,015.22	1/2	1,674.69	1/2	1,334.18	1/2	993.94	1/2	708.18	1/2	367.78	1/2	42.84	1/2	0.00	1/2	0
3/4	2,348.63	3/4	2,008.12	3/4	1,667.60	3/4	1,327.08	3/4	986.88	3/4	702.93	3/4	362.53	3/4	38.09	3/4	0.00	3/4	0
8	2,341.53	8	2,001.03	8	1,660.51	8	1,319.99	8	979.83	8	697.68	8	357.28	8	33.34	8	0.00	8	0
1/4	2,334.44	1/4	1,993.93	1/4	1,653.41	1/4	1,312.90	1/4	972.78	1/4	692.43	1/4	352.03	1/4	28.59	1/4	0.00	1/4	0
1/2	2,327.35	1/2	1,986.84	1/2	1,646.32	1/2	1,305.80	1/2	965.73	1/2	687.18	1/2	346.78	1/2	23.84	1/2	0.00	1/2	0
3/4	2,320.25	3/4	1,979.75	3/4	1,639.22	3/4	1,298.71	3/4	958.68	3/4	681.93	3/4	341.53	3/4	19.09	3/4	0.00	3/4	0
9	2,313.16	9	1,972.65	9	1,632.13	9	1,291.61	9	951.63	9	676.68	9	336.28	9	14.34	9	0.00	9	0
1/4	2,306.07	1/4	1,965.56	1/4	1,625.04	1/4	1,284.52	1/4	944.59	1/4	671.43	1/4	331.03	1/4	9.59	1/4	0.00	1/4	0
1/2	2,298.97	1/2	1,958.46	1/2	1,617.94	1/2	1,277.42	1/2	937.54	1/2	666.18	1/2	325.78	1/2	4.84	1/2	0.00	1/2	0
3/4	2,291.88	3/4	1,951.37	3/4	1,610.85	3/4	1,270.33	3/4	930.60	3/4	660.93	3/4	320.53	3/4	0.09	3/4	0.00	3/4	0
10	2,284.78	10	1,944.28	10	1,603.75	10	1,263.24	10	923.48	10	655.68	10	315.28	10	0.00	10	0.00	10	0
1/4	2,277.69	1/4	1,937.18	1/4	1,596.66	1/4	1,256.14	1/4	916.46	1/4	650.43	1/4	310.03	1/4	0.00	1/4	0.00	1/4	0
1/2	2,270.60	1/2	1,930.09	1/2	1,589.56	1/2	1,249.05	1/2	909.44	1/2	645.18	1/2	304.78	1/2	0.00	1/2	0.00	1/2	0
3/4	2,263.50	3/4	1,922.99	3/4	1,582.47	3/4	1,241.95	3/4	902.42	3/4	639.93	3/4	299.53	3/4	0.00	3/4	0.00	3/4	0
11	2,256.41	11	1,915.90	11	1,575.38	11	1,234.86	11	895.45	11	634.68	11	294.28	11	0.00	11	0.00	11	0
1/4	2,249.32	1/4	1,908.80	1/4	1,568.28	1/4	1,227.77	1/4	888.48	1/4	629.43	1/4	289.03	1/4	0.00	1/4	0.00	1/4	0
1/2	2,242.22	1/2	1,901.71	1/2	1,561.19	1/2	1,220.67	1/2	881.50	1/2	624.18	1/2	283.78	1/2	0.00	1/2	0.00	1/2	0
3/4	2,235.13	3/4	1,894.62	3/4	1,554.09	3/4	1,213.58	3/4	874.53	3/4	618.93	3/4	278.53	3/4	0.00	3/4	0.00	3/4	0

STRAPPED: 05/09/2019 JS  
CALCULATED: 05/10/2019 CL  
PRINTED: 05/12/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

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

*[Signature]*

[illegible]

GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

P.O. Box 2092  
Pearland, Texas 77581  
<http://www.pimacorp.net>

SHEET NO. 3 OF 12

# BARGE "EMS 507"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,576.80	0	2,234.37	0	1,892.93	0	1,551.48	0	1,210.03	0	870.20	0	528.74	0	187.86	0	0
1/4	2,568.69	1/4	2,227.26	1/4	1,885.82	1/4	1,544.37	1/4	1,202.92	1/4	863.26	1/4	521.63	1/4	180.75	1/4	0
1/2	2,561.57	1/2	2,220.14	1/2	1,878.70	1/2	1,537.25	1/2	1,195.80	1/2	856.15	1/2	514.52	1/2	173.64	1/2	0
3/4	2,554.46	3/4	2,213.03	3/4	1,871.59	3/4	1,530.14	3/4	1,188.69	3/4	849.04	3/4	507.41	3/4	166.53	3/4	0
1	2,547.35	1	2,205.92	1	1,864.48	1	1,523.03	1	1,181.58	1	841.93	1	499.30	1	159.42	1	0
1/4	2,540.23	1/4	2,198.81	1/4	1,857.36	1/4	1,515.91	1/4	1,174.46	1/4	834.82	1/4	492.19	1/4	152.31	1/4	0
1/2	2,533.12	1/2	2,191.69	1/2	1,850.25	1/2	1,508.80	1/2	1,167.35	1/2	827.71	1/2	485.08	1/2	145.20	1/2	0
3/4	2,526.01	3/4	2,184.58	3/4	1,843.14	3/4	1,501.69	3/4	1,160.23	3/4	820.60	3/4	477.97	3/4	138.09	3/4	0
1	2,518.89	1	2,177.47	1	1,836.03	1	1,494.57	1	1,153.12	1	813.49	1	470.86	1	130.98	1	0
1/4	2,511.78	1/4	2,170.36	1/4	1,828.91	1/4	1,487.46	1/4	1,146.01	1/4	806.38	1/4	463.75	1/4	123.87	1/4	0
1/2	2,504.67	1/2	2,163.24	1/2	1,821.80	1/2	1,480.35	1/2	1,138.90	1/2	799.27	1/2	456.64	1/2	116.76	1/2	0
3/4	2,497.56	3/4	2,156.13	3/4	1,814.69	3/4	1,473.23	3/4	1,131.79	3/4	792.16	3/4	449.53	3/4	109.65	3/4	0
1	2,490.44	1	2,149.01	1	1,807.57	1	1,466.12	1	1,124.67	1	785.05	1	442.42	1	102.54	1	0
1/4	2,483.33	1/4	2,141.90	1/4	1,800.46	1/4	1,459.01	1/4	1,117.55	1/4	777.94	1/4	435.31	1/4	95.43	1/4	0
1/2	2,476.22	1/2	2,134.79	1/2	1,793.35	1/2	1,451.90	1/2	1,110.44	1/2	770.83	1/2	428.20	1/2	88.32	1/2	0
3/4	2,469.10	3/4	2,127.67	3/4	1,786.23	3/4	1,444.78	3/4	1,103.33	3/4	763.72	3/4	421.09	3/4	81.21	3/4	0
1	2,461.99	1	2,120.56	1	1,779.12	1	1,437.67	1	1,096.21	1	756.61	1	413.98	1	74.10	1	0
1/4	2,454.88	1/4	2,113.45	1/4	1,772.00	1/4	1,430.56	1/4	1,089.10	1/4	749.50	1/4	406.87	1/4	66.99	1/4	0
1/2	2,447.76	1/2	2,106.34	1/2	1,764.89	1/2	1,423.44	1/2	1,081.99	1/2	742.39	1/2	399.76	1/2	59.88	1/2	0
3/4	2,440.65	3/4	2,099.22	3/4	1,757.78	3/4	1,416.32	3/4	1,074.87	3/4	735.28	3/4	392.65	3/4	52.77	3/4	0
1	2,433.54	1	2,092.11	1	1,750.66	1	1,409.21	1	1,067.77	1	728.17	1	385.54	1	45.66	1	0
1/4	2,426.42	1/4	2,085.00	1/4	1,743.55	1/4	1,402.10	1/4	1,060.67	1/4	721.06	1/4	378.43	1/4	38.55	1/4	0
1/2	2,419.31	1/2	2,077.88	1/2	1,736.44	1/2	1,394.98	1/2	1,053.57	1/2	713.95	1/2	371.32	1/2	31.44	1/2	0
3/4	2,412.20	3/4	2,070.77	3/4	1,729.32	3/4	1,387.87	3/4	1,046.47	3/4	706.84	3/4	364.21	3/4	24.33	3/4	0
1	2,405.09	1	2,063.66	1	1,722.21	1	1,380.76	1	1,039.38	1	699.73	1	357.10	1	17.22	1	0
1/4	2,397.97	1/4	2,056.54	1/4	1,715.10	1/4	1,373.64	1/4	1,032.30	1/4	692.62	1/4	350.00	1/4	10.11	1/4	0
1/2	2,390.86	1/2	2,049.43	1/2	1,707.98	1/2	1,366.53	1/2	1,025.21	1/2	685.51	1/2	342.89	1/2	3.00	1/2	0
3/4	2,383.75	3/4	2,042.32	3/4	1,700.87	3/4	1,359.42	3/4	1,018.13	3/4	678.40	3/4	335.78	3/4	-3.11	3/4	0
1	2,376.63	1	2,035.20	1	1,693.76	1	1,352.30	1	1,011.05	1	671.29	1	328.67	1	-10.22	1	0
1/4	2,369.52	1/4	2,028.09	1/4	1,686.64	1/4	1,345.19	1/4	1,003.97	1/4	664.18	1/4	321.56	1/4	-17.33	1/4	0
1/2	2,362.41	1/2	2,020.97	1/2	1,679.53	1/2	1,338.07	1/2	996.90	1/2	657.07	1/2	314.45	1/2	-24.44	1/2	0
3/4	2,355.29	3/4	2,013.86	3/4	1,672.41	3/4	1,330.96	3/4	989.82	3/4	649.96	3/4	307.34	3/4	-31.55	3/4	0
1	2,348.18	1	2,006.75	1	1,665.30	1	1,323.85	1	982.75	1	642.85	1	300.23	1	-38.66	1	0
1/4	2,341.07	1/4	1,999.63	1/4	1,658.19	1/4	1,316.73	1/4	975.68	1/4	635.74	1/4	293.12	1/4	-45.77	1/4	0
1/2	2,333.95	1/2	1,992.52	1/2	1,651.07	1/2	1,309.62	1/2	968.51	1/2	628.63	1/2	286.01	1/2	-52.88	1/2	0
3/4	2,326.84	3/4	1,985.41	3/4	1,643.96	3/4	1,302.51	3/4	961.40	3/4	621.52	3/4	278.90	3/4	-59.99	3/4	0
1	2,319.73	1	1,978.29	1	1,636.85	1	1,295.39	1	954.29	1	614.41	1	271.79	1	-67.10	1	0
1/4	2,312.62	1/4	1,971.18	1/4	1,629.73	1/4	1,288.28	1/4	947.18	1/4	607.30	1/4	264.68	1/4	-74.21	1/4	0
1/2	2,305.50	1/2	1,964.07	1/2	1,622.62	1/2	1,281.17	1/2	940.07	1/2	600.19	1/2	257.57	1/2	-81.32	1/2	0
3/4	2,298.39	3/4	1,956.96	3/4	1,615.51	3/4	1,274.06	3/4	932.96	3/4	593.08	3/4	250.46	3/4	-88.43	3/4	0
1	2,291.28	1	1,949.84	1	1,608.39	1	1,266.94	1	925.85	1	585.97	1	243.35	1	-95.54	1	0
1/4	2,284.16	1/4	1,942.72	1/4	1,601.28	1/4	1,259.83	1/4	918.74	1/4	578.86	1/4	236.24	1/4	-102.65	1/4	0
1/2	2,277.05	1/2	1,935.61	1/2	1,594.16	1/2	1,252.71	1/2	911.63	1/2	571.75	1/2	229.13	1/2	-109.76	1/2	0
3/4	2,269.94	3/4	1,928.50	3/4	1,587.05	3/4	1,245.60	3/4	904.52	3/4	564.64	3/4	222.02	3/4	-116.87	3/4	0
1	2,262.82	1	1,921.38	1	1,579.94	1	1,238.48	1	897.41	1	557.53	1	214.91	1	-123.98	1	0
1/4	2,255.71	1/4	1,914.27	1/4	1,572.82	1/4	1,231.37	1/4	890.30	1/4	550.42	1/4	207.80	1/4	-131.09	1/4	0
1/2	2,248.60	1/2	1,907.16	1/2	1,565.71	1/2	1,224.26	1/2	883.19	1/2	543.31	1/2	200.69	1/2	-138.20	1/2	0
3/4	2,241.48	3/4	1,900.04	3/4	1,558.60	3/4	1,217.14	3/4	876.08	3/4	536.20	3/4	193.58	3/4	-145.31	3/4	0

STRAPPED: 06/09/2019 JS  
CALCULATED: 06/10/2019 CL  
PRINTED: 06/12/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

[illegible]

GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

Pearland, Texas 77588  
http://www.pitarco.net

SHEET NO. 5 OF 12



# BARGE "EMS 507"

## 2 PORT ULLAGE TABLE

PMA

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	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	3,078.62	0	2,689.77	0	2,300.90	0	1,912.04	0	1,523.17	0	1,134.30	0	745.71	0	356.91	0			
1/4	3,070.52	1/4	2,681.67	1/4	2,292.80	1/4	1,903.94	1/4	1,515.07	1/4	1,126.20	1/4	737.61	1/4	348.81	1/4			
1/2	3,062.42	1/2	2,673.57	1/2	2,284.70	1/2	1,895.83	1/2	1,506.97	1/2	1,118.10	1/2	729.52	1/2	340.71	1/2			
3/4	3,054.32	3/4	2,665.47	3/4	2,276.60	3/4	1,887.73	3/4	1,498.87	3/4	1,110.00	3/4	721.43	3/4	332.61	3/4			
1	3,046.21	1	2,657.37	1	2,268.50	1	1,879.63	1	1,490.76	1	1,101.90	1	713.34	1	324.50	1			
1/4	3,038.11	1/4	2,649.27	1/4	2,260.40	1/4	1,871.53	1/4	1,482.66	1/4	1,093.80	1/4	705.25	1/4	316.40	1/4			
1/2	3,030.01	1/2	2,641.16	1/2	2,252.30	1/2	1,863.43	1/2	1,474.56	1/2	1,085.69	1/2	697.15	1/2	308.30	1/2			
3/4	3,021.91	3/4	2,633.06	3/4	2,244.19	3/4	1,855.33	3/4	1,466.46	3/4	1,077.59	3/4	689.05	3/4	300.20	3/4			
2	3,013.81	2	2,624.96	2	2,236.09	2	1,847.23	2	1,458.36	2	1,069.49	2	680.96	2	292.10	2			
1/4	3,005.71	1/4	2,616.86	1/4	2,227.99	1/4	1,839.12	1/4	1,450.26	1/4	1,061.39	1/4	672.86	1/4	284.00	1/4			
1/2	2,997.61	1/2	2,608.76	1/2	2,219.89	1/2	1,831.02	1/2	1,442.16	1/2	1,053.29	1/2	664.76	1/2	275.90	1/2			
3/4	2,989.51	3/4	2,600.66	3/4	2,211.79	3/4	1,822.92	3/4	1,434.05	3/4	1,045.19	3/4	656.66	3/4	267.80	3/4			
3	2,981.41	3	2,592.56	3	2,203.69	3	1,814.82	3	1,425.95	3	1,037.09	3	648.55	3	259.70	3			
1/4	2,973.31	1/4	2,584.46	1/4	2,195.59	1/4	1,806.72	1/4	1,417.85	1/4	1,028.98	1/4	640.45	1/4	251.59	1/4			
1/2	2,965.20	1/2	2,576.35	1/2	2,187.48	1/2	1,798.62	1/2	1,409.75	1/2	1,020.88	1/2	632.35	1/2	243.49	1/2			
3/4	2,957.10	3/4	2,568.25	3/4	2,179.38	3/4	1,790.52	3/4	1,401.65	3/4	1,012.78	3/4	624.25	3/4	235.39	3/4			
4	2,949.00	4	2,560.15	4	2,171.28	4	1,782.41	4	1,393.55	4	1,004.68	4	616.15	4	227.29	4			
1/4	2,940.90	1/4	2,552.05	1/4	2,163.18	1/4	1,774.31	1/4	1,385.45	1/4	996.58	1/4	608.05	1/4	219.19	1/4			
1/2	2,932.80	1/2	2,543.95	1/2	2,155.08	1/2	1,766.21	1/2	1,377.34	1/2	988.48	1/2	599.95	1/2	211.09	1/2			
3/4	2,924.70	3/4	2,535.84	3/4	2,146.98	3/4	1,758.11	3/4	1,369.24	3/4	980.38	3/4	591.84	3/4	202.99	3/4			
5	2,916.60	5	2,527.74	5	2,138.88	5	1,750.01	5	1,361.14	5	972.27	5	583.74	5	194.89	5			
1/4	2,908.50	1/4	2,519.64	1/4	2,130.77	1/4	1,741.91	1/4	1,353.04	1/4	964.18	1/4	575.64	1/4	186.78	1/4			
1/2	2,900.40	1/2	2,511.54	1/2	2,122.67	1/2	1,733.81	1/2	1,344.94	1/2	956.08	1/2	567.54	1/2	178.68	1/2			
3/4	2,892.30	3/4	2,503.44	3/4	2,114.57	3/4	1,725.70	3/4	1,336.84	3/4	947.99	3/4	559.44	3/4	170.58	3/4			
6	2,884.19	6	2,495.34	6	2,106.47	6	1,717.60	6	1,328.74	6	939.89	6	551.34	6	162.48	6			
1/4	2,876.09	1/4	2,487.24	1/4	2,098.37	1/4	1,709.50	1/4	1,320.63	1/4	931.80	1/4	543.24	1/4	154.38	1/4			
1/2	2,867.99	1/2	2,479.13	1/2	2,090.27	1/2	1,701.40	1/2	1,312.53	1/2	923.71	1/2	535.14	1/2	146.28	1/2			
3/4	2,859.89	3/4	2,471.03	3/4	2,082.17	3/4	1,693.30	3/4	1,304.43	3/4	915.62	3/4	527.03	3/4	138.18	3/4			
7	2,851.78	7	2,462.93	7	2,074.06	7	1,685.20	7	1,296.33	7	907.53	7	518.93	7	130.08	7			
1/4	2,843.69	1/4	2,454.83	1/4	2,065.96	1/4	1,677.10	1/4	1,288.23	1/4	899.43	1/4	510.83	1/4	121.97	1/4			
1/2	2,835.59	1/2	2,446.73	1/2	2,057.86	1/2	1,668.99	1/2	1,280.13	1/2	891.34	1/2	502.73	1/2	113.87	1/2			
3/4	2,827.49	3/4	2,438.63	3/4	2,049.76	3/4	1,660.89	3/4	1,272.03	3/4	883.25	3/4	494.63	3/4	105.77	3/4			
8	2,819.39	8	2,430.53	8	2,041.66	8	1,652.79	8	1,263.92	8	875.16	8	486.53	8	97.67	8			
1/4	2,811.29	1/4	2,422.43	1/4	2,033.56	1/4	1,644.69	1/4	1,255.82	1/4	867.07	1/4	478.43	1/4	89.57	1/4			
1/2	2,803.18	1/2	2,414.32	1/2	2,025.46	1/2	1,636.59	1/2	1,247.72	1/2	858.98	1/2	470.33	1/2	81.47	1/2			
3/4	2,795.08	3/4	2,406.22	3/4	2,017.36	3/4	1,628.49	3/4	1,239.62	3/4	850.89	3/4	462.23	3/4	73.37	3/4			
9	2,786.98	9	2,398.12	9	2,009.25	9	1,620.39	9	1,231.52	9	842.80	9	454.12	9	65.27	9			
1/4	2,778.88	1/4	2,390.02	1/4	2,001.15	1/4	1,612.29	1/4	1,223.42	1/4	834.71	1/4	446.02	1/4	57.17	1/4			
1/2	2,770.78	1/2	2,381.92	1/2	1,993.05	1/2	1,604.18	1/2	1,215.32	1/2	826.62	1/2	437.92	1/2	49.07	1/2			
3/4	2,762.68	3/4	2,373.82	3/4	1,984.95	3/4	1,596.08	3/4	1,207.22	3/4	818.52	3/4	429.82	3/4	40.97	3/4			
10	2,754.58	10	2,365.72	10	1,976.85	10	1,587.98	10	1,199.11	10	810.43	10	421.72	10	32.87	10			
1/4	2,746.48	1/4	2,357.61	1/4	1,968.75	1/4	1,579.88	1/4	1,191.01	1/4	802.34	1/4	413.62	1/4	24.76	1/4			
1/2	2,738.38	1/2	2,349.51	1/2	1,960.65	1/2	1,571.78	1/2	1,182.91	1/2	794.25	1/2	405.52	1/2	16.66	1/2			
3/4	2,730.28	3/4	2,341.41	3/4	1,952.54	3/4	1,563.68	3/4	1,174.81	3/4	786.16	3/4	397.42	3/4	8.56	3/4			
11	2,722.17	11	2,333.31	11	1,944.44	11	1,555.58	11	1,166.71	11	778.07	11	389.31	11	0.46	11			
1/4	2,714.07	1/4	2,325.21	1/4	1,936.34	1/4	1,547.47	1/4	1,158.61	1/4	769.98	1/4	381.21	1/4	-13.64	1/4			
1/2	2,705.97	1/2	2,317.11	1/2	1,928.24	1/2	1,539.37	1/2	1,150.51	1/2	761.89	1/2	373.11	1/2	-25.54	1/2			
3/4	2,697.87	3/4	2,309.01	3/4	1,920.14	3/4	1,531.27	3/4	1,142.40	3/4	753.80	3/4	365.01	3/4	-37.44	3/4			

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2002  
Pearland, Texas 77668  
http://www.pmaacorp.net



## 2STBD

## ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

**CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.**

**CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.**

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 12'-06" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

100	3/4	3/4	3/4
3,473.60	3,085.83		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092

**Pearland, Texas 77588**  
**<http://www.pma.com.net>**



# BARGE "EMS 507"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,077.75	0	2,689.98	0	2,302.20	0	1,914.41	0	1,526.62	0	1,148.42	0	767.87	0	380.16	0	
1/4	3,069.67	1/4	2,681.90	1/4	2,294.12	1/4	1,906.33	1/4	1,518.55	1/4	1,140.64	1/4	759.79	1/4	372.08	1/4	
1/2	3,061.59	1/2	2,673.83	1/2	2,286.04	1/2	1,898.26	1/2	1,510.47	1/2	1,132.96	1/2	751.72	1/2	364.00	1/2	
3/4	3,053.52	3/4	2,665.75	3/4	2,277.96	3/4	1,890.17	3/4	1,502.39	3/4	1,122.23	3/4	743.65	3/4	355.92	3/4	
1	3,045.44	1	2,657.67	1	2,269.88	1	1,882.10	1	1,494.31	1	1,114.49	1	735.58	1	347.84	1	
1 1/4	3,037.36	1 1/4	2,649.59	1 1/4	2,261.80	1 1/4	1,874.02	1 1/4	1,486.23	1 1/4	1,106.76	1 1/4	727.51	1 1/4	339.76	1 1/4	
1 1/2	3,029.28	1 1/2	2,641.51	1 1/2	2,253.73	1 1/2	1,865.94	1 1/2	1,478.15	1 1/2	1,099.03	1 1/2	719.44	1 1/2	331.68	1 1/2	
3/4	3,021.20	3/4	2,633.43	3/4	2,245.65	3/4	1,857.86	3/4	1,470.07	3/4	1,091.30	3/4	711.37	3/4	323.60	3/4	
2	3,013.12	2	2,625.35	2	2,237.57	2	1,849.78	2	1,461.99	2	1,083.57	2	703.29	2	315.53	2	
1 1/4	3,005.04	1 1/4	2,617.28	1 1/4	2,229.49	1 1/4	1,841.70	1 1/4	1,453.91	1 1/4	1,075.83	1 1/4	695.22	1 1/4	307.45	1 1/4	
1 1/2	2,996.97	1 1/2	2,609.20	1 1/2	2,221.41	1 1/2	1,833.62	1 1/2	1,445.84	1 1/2	1,068.10	1 1/2	687.14	1 1/2	299.37	1 1/2	
3/4	2,988.89	3/4	2,601.12	3/4	2,213.33	3/4	1,825.54	3/4	1,437.76	3/4	1,060.37	3/4	679.07	3/4	291.29	3/4	
3	2,980.81	3	2,593.04	3	2,205.25	3	1,817.46	3	1,429.68	3	1,052.64	3	670.99	3	283.21	3	
1 1/4	2,972.73	1 1/4	2,584.96	1 1/4	2,197.17	1 1/4	1,809.39	1 1/4	1,421.60	1 1/4	1,044.91	1 1/4	662.91	1 1/4	275.13	1 1/4	
1 1/2	2,964.65	1 1/2	2,576.88	1 1/2	2,189.09	1 1/2	1,801.31	1 1/2	1,413.52	1 1/2	1,037.17	1 1/2	654.83	1 1/2	267.05	1 1/2	
3/4	2,956.57	3/4	2,568.81	3/4	2,181.02	3/4	1,793.23	3/4	1,405.44	3/4	1,029.44	3/4	646.75	3/4	258.97	3/4	
4	2,948.49	4	2,560.73	4	2,172.94	4	1,785.15	4	1,397.36	4	1,021.71	4	638.67	4	250.90	4	
1 1/4	2,940.42	1 1/4	2,552.65	1 1/4	2,164.86	1 1/4	1,777.07	1 1/4	1,389.28	1 1/4	1,013.98	1 1/4	630.59	1 1/4	242.82	1 1/4	
1 1/2	2,932.34	1 1/2	2,544.57	1 1/2	2,156.78	1 1/2	1,768.99	1 1/2	1,381.20	1 1/2	1,006.24	1 1/2	622.52	1 1/2	234.74	1 1/2	
3/4	2,924.26	3/4	2,536.49	3/4	2,148.70	3/4	1,760.91	3/4	1,373.13	3/4	998.51	3/4	614.44	3/4	226.66	3/4	
5	2,916.18	5	2,528.41	5	2,140.62	5	1,752.83	5	1,365.05	5	990.78	5	606.36	5	218.58	5	
1 1/4	2,908.10	1 1/4	2,520.33	1 1/4	2,132.54	1 1/4	1,744.75	1 1/4	1,356.97	1 1/4	983.05	1 1/4	598.28	1 1/4	210.50	1 1/4	
1 1/2	2,900.02	1 1/2	2,512.25	1 1/2	2,124.46	1 1/2	1,736.68	1 1/2	1,348.89	1 1/2	975.32	1 1/2	590.20	1 1/2	202.42	1 1/2	
3/4	2,891.95	3/4	2,504.17	3/4	2,116.38	3/4	1,728.60	3/4	1,340.81	3/4	967.68	3/4	582.12	3/4	194.35	3/4	
6	2,883.87	6	2,496.09	6	2,108.31	6	1,720.52	6	1,332.73	6	959.86	6	574.04	6	186.27	6	
1 1/4	2,875.79	1 1/4	2,488.01	1 1/4	2,100.23	1 1/4	1,712.44	1 1/4	1,324.65	1 1/4	952.13	1 1/4	565.97	1 1/4	178.19	1 1/4	
1 1/2	2,867.71	1 1/2	2,479.93	1 1/2	2,092.15	1 1/2	1,704.36	1 1/2	1,316.57	1 1/2	944.40	1 1/2	557.89	1 1/2	170.11	1 1/2	
3/4	2,859.63	3/4	2,471.86	3/4	2,084.07	3/4	1,696.28	3/4	1,308.49	3/4	936.67	3/4	549.81	3/4	162.03	3/4	
7	2,851.55	7	2,463.78	7	2,075.99	7	1,688.20	7	1,300.59	7	928.77	7	541.73	7	153.95	7	
1 1/4	2,843.47	1 1/4	2,455.70	1 1/4	2,067.91	1 1/4	1,680.12	1 1/4	1,292.68	1 1/4	920.87	1 1/4	533.65	1 1/4	145.87	1 1/4	
1 1/2	2,835.40	1 1/2	2,447.62	1 1/2	2,059.83	1 1/2	1,672.04	1 1/2	1,284.78	1 1/2	912.98	1 1/2	525.57	1 1/2	137.79	1 1/2	
3/4	2,827.32	3/4	2,439.54	3/4	2,051.75	3/4	1,663.97	3/4	1,276.87	3/4	905.08	3/4	517.49	3/4	129.72	3/4	
8	2,819.24	8	2,431.46	8	2,043.67	8	1,655.89	8	1,269.14	8	897.01	8	509.41	8	121.64	8	
1 1/4	2,811.16	1 1/4	2,423.38	1 1/4	2,035.59	1 1/4	1,647.81	1 1/4	1,261.41	1 1/4	888.94	1 1/4	501.34	1 1/4	113.56	1 1/4	
1 1/2	2,803.08	1 1/2	2,415.30	1 1/2	2,027.52	1 1/2	1,639.73	1 1/2	1,253.67	1 1/2	880.86	1 1/2	493.26	1 1/2	105.48	1 1/2	
3/4	2,795.00	3/4	2,407.22	3/4	2,019.44	3/4	1,631.66	3/4	1,245.94	3/4	872.79	3/4	485.18	3/4	97.40	3/4	
9	2,786.92	9	2,399.15	9	2,011.36	9	1,623.57	9	1,238.21	9	864.72	9	477.10	9	89.32	9	
1 1/4	2,778.85	1 1/4	2,391.07	1 1/4	2,003.28	1 1/4	1,615.49	1 1/4	1,230.48	1 1/4	856.65	1 1/4	469.02	1 1/4	81.24	1 1/4	
1 1/2	2,770.77	1 1/2	2,382.99	1 1/2	1,995.20	1 1/2	1,607.41	1 1/2	1,222.76	1 1/2	848.58	1 1/2	460.94	1 1/2	73.16	1 1/2	
3/4	2,762.69	3/4	2,374.91	3/4	1,987.12	3/4	1,599.33	3/4	1,215.01	3/4	840.51	3/4	452.86	3/4	65.09	3/4	
10	2,754.61	10	2,366.83	10	1,979.04	10	1,591.26	10	1,207.28	10	832.44	10	444.78	10	57.01	10	
1 1/4	2,746.53	1 1/4	2,358.75	1 1/4	1,970.96	1 1/4	1,583.18	1 1/4	1,199.55	1 1/4	824.36	1 1/4	436.71	1 1/4	48.93	1 1/4	
1 1/2	2,738.45	1 1/2	2,350.67	1 1/2	1,962.88	1 1/2	1,575.10	1 1/2	1,191.82	1 1/2	816.29	1 1/2	428.63	1 1/2	40.85	1 1/2	
3/4	2,730.38	3/4	2,342.59	3/4	1,954.81	3/4	1,567.02	3/4	1,184.08	3/4	808.22	3/4	420.56	3/4	32.77	3/4	
11	2,722.30	11	2,334.51	11	1,946.73	11	1,558.94	11	1,176.36	11	800.15	11	412.47	11	24.69	11	
1 1/4	2,714.22	1 1/4	2,326.44	1 1/4	1,938.65	1 1/4	1,550.86	1 1/4	1,168.62	1 1/4	792.08	1 1/4	404.39	1 1/4	16.61	1 1/4	
1 1/2	2,706.14	1 1/2	2,318.36	1 1/2	1,930.57	1 1/2	1,542.78	1 1/2	1,160.89	1 1/2	784.01	1 1/2	396.31	1 1/2	8.53	1 1/2	
3/4	2,698.06	3/4	2,310.28	3/4	1,922.49	3/4	1,534.70	3/4	1,153.16	3/4	775.94	3/4	388.23	3/4	0.45	3/4	

STRAPPED: 05/09/2019 JS  
CALCULATED: 05/10/2019 CL  
PRINTED: 05/12/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/20/19

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

### 3 PORT

## VILLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS USED AS A BARGE.

**CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.**

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE. GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 441'-00" FROM

OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

3/4	3/4	3/4
3,257.06		2,895.27

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
Pasadena, Texas 77598  
<http://www.pmacorp.net>

# BARGE "EMS 507"

## 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.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,897.74	0	2,925.96	0	2,954.22	0	2,982.50	0	3,010.78	0	3,039.06	0	3,067.34	0	3,095.62	0	3,123.90	0	3,152.18
1/4	2,890.20	1/4	2,918.42	1/4	2,946.64	1/4	2,974.86	1/4	3,003.08	1/4	3,031.30	1/4	3,059.52	1/4	3,087.74	1/4	3,115.96	1/4	3,144.18
1/2	2,872.66	1/2	2,900.88	1/2	2,929.10	1/2	2,957.32	1/2	2,985.54	1/2	3,013.76	1/2	3,041.98	1/2	3,070.20	1/2	3,098.42	1/2	3,126.64
3/4	2,855.12	3/4	2,883.34	3/4	2,911.56	3/4	2,939.78	3/4	2,968.00	3/4	2,996.22	3/4	3,024.44	3/4	3,052.66	3/4	3,080.88	3/4	3,109.10
1	2,837.58	1	2,865.80	1	2,894.02	1	2,922.24	1	2,950.46	1	2,978.68	1	3,006.90	1	3,035.12	1	3,063.34	1	3,091.56
1/4	2,830.04	1/4	2,858.26	1/4	2,886.48	1/4	2,914.70	1/4	2,942.92	1/4	2,971.14	1/4	2,999.36	1/4	3,027.58	1/4	3,055.80	1/4	3,084.02
1/2	2,822.50	1/2	2,850.72	1/2	2,878.94	1/2	2,907.16	1/2	2,935.38	1/2	2,963.60	1/2	2,991.82	1/2	3,020.04	1/2	3,048.26	1/2	3,076.48
3/4	2,814.96	3/4	2,843.18	3/4	2,871.40	3/4	2,900.00	3/4	2,928.60	3/4	2,957.20	3/4	2,985.80	3/4	3,014.40	3/4	3,043.00	3/4	3,071.60
1	2,807.42	1	2,835.64	1	2,863.86	1	2,892.46	1	2,921.06	1	2,949.66	1	2,978.26	1	3,006.86	1	3,035.46	1	3,064.06
1/4	2,800.00	1/4	2,828.22	1/4	2,856.44	1/4	2,884.66	1/4	2,912.88	1/4	2,941.10	1/4	2,969.32	1/4	2,997.54	1/4	3,025.76	1/4	3,053.98
1/2	2,792.46	1/2	2,820.68	1/2	2,848.90	1/2	2,877.12	1/2	2,905.34	1/2	2,933.56	1/2	2,961.78	1/2	2,990.00	1/2	3,018.22	1/2	3,046.44
3/4	2,784.92	3/4	2,813.14	3/4	2,841.36	3/4	2,869.58	3/4	2,897.80	3/4	2,926.02	3/4	2,954.24	3/4	2,982.46	3/4	3,010.68	3/4	3,038.90
1	2,777.38	1	2,805.60	1	2,833.82	1	2,862.04	1	2,890.26	1	2,918.48	1	2,946.70	1	2,974.92	1	3,003.14	1	3,031.36
1/4	2,770.00	1/4	2,798.22	1/4	2,826.44	1/4	2,854.66	1/4	2,882.88	1/4	2,911.10	1/4	2,939.32	1/4	2,967.54	1/4	2,995.76	1/4	3,023.98
1/2	2,762.46	1/2	2,790.68	1/2	2,818.90	1/2	2,847.12	1/2	2,875.34	1/2	2,903.56	1/2	2,931.78	1/2	2,960.00	1/2	2,988.22	1/2	3,016.44
3/4	2,754.92	3/4	2,783.14	3/4	2,811.36	3/4	2,839.58	3/4	2,867.80	3/4	2,896.02	3/4	2,924.24	3/4	2,952.46	3/4	2,980.68	3/4	3,008.90
1	2,747.38	1	2,775.60	1	2,803.82	1	2,832.04	1	2,860.26	1	2,888.48	1	2,916.70	1	2,944.92	1	2,973.14	1	3,001.36
1/4	2,740.00	1/4	2,768.22	1/4	2,796.44	1/4	2,824.66	1/4	2,852.88	1/4	2,881.10	1/4	2,909.32	1/4	2,937.54	1/4	2,965.76	1/4	2,993.98
1/2	2,732.46	1/2	2,760.68	1/2	2,788.90	1/2	2,817.12	1/2	2,845.34	1/2	2,873.56	1/2	2,901.78	1/2	2,930.00	1/2	2,958.22	1/2	2,986.44
3/4	2,724.92	3/4	2,753.14	3/4	2,781.36	3/4	2,809.58	3/4	2,837.80	3/4	2,866.02	3/4	2,894.24	3/4	2,922.46	3/4	2,950.68	3/4	2,978.90
1	2,717.38	1	2,745.60	1	2,773.82	1	2,802.04	1	2,830.26	1	2,858.48	1	2,886.70	1	2,914.92	1	2,943.14	1	2,971.36
1/4	2,710.00	1/4	2,738.22	1/4	2,766.44	1/4	2,794.66	1/4	2,822.88	1/4	2,851.10	1/4	2,879.32	1/4	2,907.54	1/4	2,935.76	1/4	2,963.98
1/2	2,702.46	1/2	2,730.68	1/2	2,758.90	1/2	2,787.12	1/2	2,815.34	1/2	2,843.56	1/2	2,871.78	1/2	2,900.00	1/2	2,928.22	1/2	2,956.44
3/4	2,694.92	3/4	2,723.14	3/4	2,751.36	3/4	2,779.58	3/4	2,807.80	3/4	2,836.02	3/4	2,864.24	3/4	2,892.46	3/4	2,920.68	3/4	2,948.90
1	2,687.38	1	2,715.60	1	2,743.82	1	2,772.04	1	2,800.26	1	2,828.48	1	2,856.70	1	2,884.92	1	2,913.14	1	2,941.36
1/4	2,680.00	1/4	2,708.22	1/4	2,736.44	1/4	2,764.66	1/4	2,792.88	1/4	2,821.10	1/4	2,849.32	1/4	2,877.54	1/4	2,905.76	1/4	2,933.98
1/2	2,672.46	1/2	2,700.68	1/2	2,728.90	1/2	2,757.12	1/2	2,785.34	1/2	2,813.56	1/2	2,841.78	1/2	2,870.00	1/2	2,898.22	1/2	2,926.44
3/4	2,664.92	3/4	2,693.14	3/4	2,721.36	3/4	2,749.58	3/4	2,777.80	3/4	2,806.02	3/4	2,834.24	3/4	2,862.46	3/4	2,890.68	3/4	2,918.90
1	2,657.38	1	2,685.60	1	2,713.82	1	2,742.04	1	2,770.26	1	2,798.48	1	2,826.70	1	2,854.92	1	2,883.14	1	2,911.36
1/4	2,650.00	1/4	2,678.22	1/4	2,706.44	1/4	2,734.66	1/4	2,762.88	1/4	2,791.10	1/4	2,819.32	1/4	2,847.54	1/4	2,875.76	1/4	2,903.98
1/2	2,642.46	1/2	2,670.68	1/2	2,698.90	1/2	2,727.12	1/2	2,755.34	1/2	2,783.56	1/2	2,811.78	1/2	2,840.00	1/2	2,868.22	1/2	2,896.44
3/4	2,634.92	3/4	2,663.14	3/4	2,691.36	3/4	2,719.58	3/4	2,747.80	3/4	2,776.02	3/4	2,804.24	3/4	2,832.46	3/4	2,860.68	3/4	2,888.90
1	2,627.38	1	2,655.60	1	2,683.82	1	2,712.04	1	2,740.26	1	2,768.48	1	2,796.70	1	2,824.92	1	2,853.14	1	2,881.36
1/4	2,620.00	1/4	2,648.22	1/4	2,676.44	1/4	2,704.66	1/4	2,732.88	1/4	2,761.10	1/4	2,789.32	1/4	2,817.54	1/4	2,845.76	1/4	2,873.98
1/2	2,612.46	1/2	2,640.68	1/2	2,668.90	1/2	2,697.12	1/2	2,725.34	1/2	2,753.56	1/2	2,781.78	1/2	2,810.00	1/2	2,838.22	1/2	2,866.44
3/4	2,604.92	3/4	2,633.14	3/4	2,661.36	3/4	2,689.58	3/4	2,717.80	3/4	2,746.02	3/4	2,774.24	3/4	2,802.46	3/4	2,830.68	3/4	2,858.90
1	2,597.38	1	2,625.60	1	2,653.82	1	2,682.04	1	2,710.26	1	2,738.48	1	2,766.70	1	2,794.92	1	2,823.14	1	2,851.36
1/4	2,590.00	1/4	2,618.22	1/4	2,646.44	1/4	2,674.66	1/4	2,702.88	1/4	2,731.10	1/4	2,759.32	1/4	2,787.54	1/4	2,815.76	1/4	2,843.98
1/2	2,582.46	1/2	2,610.68	1/2	2,638.90	1/2	2,667.12	1/2	2,695.34	1/2	2,723.56	1/2	2,751.78	1/2	2,780.00	1/2	2,808.22	1/2	2,836.44
3/4	2,574.92	3/4	2,603.14	3/4	2,631.36	3/4	2,659.58	3/4	2,687.80	3/4	2,716.02	3/4	2,744.24	3/4	2,772.46	3/4	2,800.68	3/4	2,828.90
1	2,567.38	1	2,595.60	1	2,623.82	1	2,652.04	1	2,680.26	1	2,708.48	1	2,736.70	1	2,764.92	1	2,793.14	1	2,821.36
1/4	2,560.00	1/4	2,588.22	1/4	2,616.44	1/4	2,644.66	1/4	2,672.88	1/4	2,701.10	1/4	2,729.32	1/4	2,757.54	1/4	2,785.76	1/4	2,813.98
1/2	2,552.46	1/2	2,580.68	1/2	2,608.90	1/2	2,637.12	1/2	2,665.34	1/2	2,693.56	1/2	2,721.78	1/2	2,750.00	1/2	2,778.22	1/2	2,806.44
3/4	2,544.92	3/4	2,573.14	3/4	2,601.36	3/4	2,629.58	3/4	2,657.80	3/4	2,686.02	3/4	2,714.24	3/4	2,742.46	3/4	2,770.68	3/4	2,798.90
1	2,537.38	1	2,565.60	1	2,593.82	1	2,622.04	1	2,650.26	1	2,678.48	1	2,706.70	1	2,734.92	1	2,763.14	1	2,791.36
1/4	2,530.00	1/4	2,558.22	1/4	2,586.44	1/4	2,614.66	1/4	2,642.88	1/4	2,671.10	1/4	2,699.32	1/4	2,727.54	1/4	2,755.76	1/4	2,783.98
1/2	2,522.46	1/2	2,550.68	1/2	2,578.90	1/2	2,607.12	1/2	2,635.34	1/2	2,663.56	1/2	2,691.78	1/2	2,720.00	1/2	2,748.22	1/2	2,776.44
3/4	2,514.92	3/4	2,543.14	3/4	2,571.36	3/4	2,600.58	3/4	2,628.80	3/4	2,657.02	3/4	2,685.24	3/4	2,713.46	3/4	2,741.68	3/4	2,769.90
1	2,507.38	1	2,535.60	1	2,563.82	1	2,592.04	1	2,620.26	1	2,648.48	1	2,676.70	1	2,704.92	1	2,733.14	1	2,761.36
1/4	2,500.00	1/4	2,528.22	1/4	2,556.44	1/4	2,584.66	1/4	2,612.88	1/4	2,641.10	1/4	2,669.32	1/4	2,697.54	1/4	2,725.76	1/4	2,753.98
1/2	2,492.46	1/2	2,520.68	1/2	2,548.90	1/2	2,577.12	1/2	2,605.34	1/2	2,633.56	1/2	2,661.78	1/2	2,690.00	1/2	2,718.22	1/2	2,746.44
3/4	2,484.92	3/4	2,513.14	3/4	2,541.36	3/4	2,569.58	3/4	2,597.80	3/4	2,626.02	3/4	2,654.24	3/4	2,682.46	3/4	2,710.68	3/4	2,738.90
1	2,477.38	1	2,505.60	1	2,533.82	1	2,562.04	1	2,590.26	1	2,618.48	1	2,646.70	1	2,674.92	1	2,703.14	1	2,731.36
1/4	2,470.00	1/4	2,498.22	1/4	2,526.44	1/4	2,554.66	1/4	2,582.88	1/4	2,611.10	1/4	2,639.32	1/4	2,667.54	1/4	2,695.76	1/4	2,723.98
1/2	2,462.46	1/2	2,490.68	1/2	2,518.90	1/2	2,547.12	1/2	2,575.34	1/2	2,603.56	1/2	2,631.78	1/2	2,660.00	1/2	2,688.22	1/2	2,716.44
3/4	2,454.92	3/4	2,483.14	3/4	2,511.36	3/4	2,539.58	3/4	2,567.80	3/4	2,596.02	3/4	2,624.24	3/4	2,652.46	3/4	2,680.68	3/4	2,708.90

[illegible]

2	3/4	3,240.09	1 3/4	2,878.18
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CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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Pearland, Texas 77588  
<http://www.pmacorn.net>

SHEET NO. 11 OF 12





# BARGE "EMS 507"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		16 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,870.84	0	2,608.96	0	2,147.13	0	1,787.78	0	1,426.76	0	1,065.74	0	717.42	0	355.37	0			
1/4	2,863.10	1/4	2,601.43	1/4	2,139.65	1/4	1,780.24	1/4	1,418.22	1/4	1,065.52	1/4	709.90	1/4	347.82	1/4			
1/2	2,856.56	1/2	2,493.90	1/2	2,132.17	1/2	1,772.70	1/2	1,410.88	1/2	1,062.30	1/2	702.37	1/2	340.28	1/2			
3/4	2,848.02	3/4	2,486.38	3/4	2,124.69	3/4	1,765.16	3/4	1,403.14	3/4	1,048.08	3/4	694.85	3/4	332.73	3/4			
1	2,840.48	1	2,478.84	1	2,117.20	1	1,757.61	1	1,395.59	1	1,040.86	1	687.32	1	325.18	1			
1/4	2,832.94	1/4	2,471.31	1/4	2,109.72	1/4	1,750.07	1/4	1,388.06	1/4	1,033.64	1/4	679.78	1/4	317.64	1/4			
1/2	2,825.40	1/2	2,463.78	1/2	2,102.24	1/2	1,742.53	1/2	1,380.51	1/2	1,026.42	1/2	672.27	1/2	310.09	1/2			
3/4	2,817.86	3/4	2,456.25	3/4	2,094.75	3/4	1,734.99	3/4	1,372.97	3/4	1,019.20	3/4	664.74	3/4	302.54	3/4			
2	2,810.32	2	2,448.72	2	2,087.27	2	1,727.46	2	1,365.43	2	1,011.98	2	657.21	2	295.00	2			
1/4	2,802.78	1/4	2,441.18	1/4	2,079.79	1/4	1,719.90	1/4	1,357.88	1/4	1,004.76	1/4	649.57	1/4	287.46	1/4			
1/2	2,795.24	1/2	2,433.65	1/2	2,072.31	1/2	1,712.36	1/2	1,350.34	1/2	997.54	1/2	642.13	1/2	279.90	1/2			
3/4	2,787.70	3/4	2,426.11	3/4	2,064.82	3/4	1,704.82	3/4	1,342.80	3/4	990.32	3/4	634.60	3/4	272.36	3/4			
3	2,780.16	3	2,418.57	3	2,057.34	3	1,697.28	3	1,335.26	3	983.10	3	627.05	3	264.81	3			
1/4	2,772.62	1/4	2,411.03	1/4	2,049.86	1/4	1,689.74	1/4	1,327.71	1/4	975.89	1/4	619.50	1/4	257.27	1/4			
1/2	2,765.08	1/2	2,403.49	1/2	2,042.37	1/2	1,682.19	1/2	1,320.17	1/2	968.67	1/2	611.96	1/2	249.72	1/2			
3/4	2,757.54	3/4	2,395.95	3/4	2,034.89	3/4	1,674.65	3/4	1,312.63	3/4	961.45	3/4	604.41	3/4	242.17	3/4			
4	2,750.00	4	2,388.40	4	2,027.41	4	1,667.11	4	1,305.09	4	954.23	4	596.86	4	234.63	4			
1/4	2,742.46	1/4	2,380.86	1/4	2,019.93	1/4	1,659.57	1/4	1,297.55	1/4	947.01	1/4	589.32	1/4	227.08	1/4			
1/2	2,734.92	1/2	2,373.31	1/2	2,012.44	1/2	1,652.03	1/2	1,290.00	1/2	939.79	1/2	581.77	1/2	219.54	1/2			
3/4	2,727.38	3/4	2,365.77	3/4	2,004.96	3/4	1,644.48	3/4	1,282.46	3/4	932.57	3/4	574.22	3/4	211.99	3/4			
5	2,719.84	5	2,358.22	5	1,997.48	5	1,636.94	5	1,274.92	5	925.35	5	566.68	5	204.45	5			
1/4	2,712.30	1/4	2,350.67	1/4	1,990.00	1/4	1,629.40	1/4	1,267.38	1/4	918.13	1/4	559.13	1/4	196.90	1/4			
1/2	2,704.76	1/2	2,343.13	1/2	1,982.51	1/2	1,621.86	1/2	1,259.84	1/2	910.91	1/2	551.58	1/2	189.36	1/2			
3/4	2,697.22	3/4	2,335.58	3/4	1,975.03	3/4	1,614.31	3/4	1,252.29	3/4	903.69	3/4	544.04	3/4	181.81	3/4			
6	2,689.68	6	2,328.04	6	1,967.55	6	1,606.77	6	1,244.75	6	896.48	6	536.49	6	174.26	6			
1/4	2,682.14	1/4	2,320.49	1/4	1,960.06	1/4	1,599.23	1/4	1,237.21	1/4	889.26	1/4	528.94	1/4	166.71	1/4			
1/2	2,674.61	1/2	2,312.96	1/2	1,952.58	1/2	1,591.69	1/2	1,229.67	1/2	882.06	1/2	521.40	1/2	159.16	1/2			
3/4	2,667.07	3/4	2,305.40	3/4	1,945.10	3/4	1,584.15	3/4	1,222.13	3/4	874.83	3/4	513.85	3/4	151.61	3/4			
7	2,659.54	7	2,297.86	7	1,937.62	7	1,576.60	7	1,214.74	7	867.46	7	506.30	7	144.06	7			
1/4	2,652.01	1/4	2,290.31	1/4	1,930.13	1/4	1,569.06	1/4	1,207.35	1/4	860.10	1/4	498.76	1/4	136.50	1/4			
1/2	2,644.47	1/2	2,282.77	1/2	1,922.65	1/2	1,561.52	1/2	1,199.87	1/2	852.73	1/2	491.21	1/2	128.95	1/2			
3/4	2,636.94	3/4	2,275.22	3/4	1,915.17	3/4	1,553.98	3/4	1,192.58	3/4	845.36	3/4	483.66	3/4	121.38	3/4			
8	2,629.41	8	2,267.67	8	1,907.68	8	1,546.44	8	1,185.35	8	837.83	8	476.12	8	113.83	8			
1/4	2,621.89	1/4	2,260.13	1/4	1,900.20	1/4	1,538.89	1/4	1,178.12	1/4	830.31	1/4	468.67	1/4	106.28	1/4			
1/2	2,614.36	1/2	2,252.58	1/2	1,892.72	1/2	1,531.35	1/2	1,170.89	1/2	822.78	1/2	461.02	1/2	98.72	1/2			
3/4	2,606.83	3/4	2,245.04	3/4	1,885.24	3/4	1,523.81	3/4	1,163.66	3/4	816.26	3/4	453.48	3/4	91.16	3/4			
9	2,599.30	9	2,237.49	9	1,877.75	9	1,516.27	9	1,156.43	9	807.73	9	445.93	9	83.60	9			
1/4	2,591.77	1/4	2,229.95	1/4	1,870.27	1/4	1,508.73	1/4	1,149.20	1/4	800.20	1/4	438.38	1/4	76.04	1/4			
1/2	2,584.24	1/2	2,222.40	1/2	1,862.79	1/2	1,501.18	1/2	1,141.97	1/2	792.68	1/2	430.84	1/2	68.48	1/2			
3/4	2,576.72	3/4	2,214.86	3/4	1,855.30	3/4	1,493.64	3/4	1,134.73	3/4	785.15	3/4	423.29	3/4	60.92	3/4			
10	2,569.19	10	2,207.31	10	1,847.82	10	1,486.10	10	1,127.51	10	777.63	10	415.74	10	54.00	10			
1/4	2,561.66	1/4	2,199.77	1/4	1,840.34	1/4	1,478.56	1/4	1,120.28	1/4	770.10	1/4	408.20	1/4	47.07	1/4			
1/2	2,554.13	1/2	2,192.22	1/2	1,832.86	1/2	1,471.01	1/2	1,113.06	1/2	762.68	1/2	400.65	1/2	40.14	1/2			
3/4	2,546.60	3/4	2,184.68	3/4	1,825.37	3/4	1,463.47	3/4	1,105.83	3/4	755.05	3/4	393.10	3/4	33.21	3/4			
11	2,539.07	11	2,177.18	11	1,817.86	11	1,455.93	11	1,098.61	11	747.53	11	385.56	11	28.17	11			
1/4	2,531.55	1/4	2,169.65	1/4	1,810.35	1/4	1,448.39	1/4	1,091.39	1/4	740.00	1/4	378.01	1/4	23.13	1/4			
1/2	2,524.02	1/2	2,162.13	1/2	1,802.84	1/2	1,440.85	1/2	1,084.17	1/2	732.47	1/2	370.46	1/2	18.09	1/2			
3/4	2,516.49	3/4	2,154.62	3/4	1,795.33	3/4	1,433.30	3/4	1,076.96	3/4	724.95	3/4	362.92	3/4	13.06	3/4			

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

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