



BARGE "EMS 506"

INNAGE TRIM TABLE

	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.
	<u>BOW</u>	<u>BOW</u>	<u>BOW</u>	<u>BOW</u>	<u>BOW</u>	<u>BOW</u>
	<u>STERN</u>	<u>STERN</u>	<u>STERN</u>	<u>STERN</u>	<u>STERN</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: 238'-06"

March 27, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "EMS 506"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		6 FT.		8 FT.		7 FT.		8 FT.		GAUGE HEIGHT 16'-05 1/4"	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
14	10.40	0	263.62	0	555.98	0	878.08	0	1216.98	0	1558.45	0	1899.93	0	2241.39	0	2582.86	0	2924.31
14	13.72	14	269.34	14	552.38	14	865.97	14	1224.09	14	1685.87	14	1997.04	14	2248.51	14	2499.98	14	2924.31
14	17.04	14	276.16	14	559.81	14	870.97	14	1231.11	14	1672.82	14	1974.18	14	2255.62	14	2497.08	14	2924.31
14	20.36	14	280.98	14	566.63	14	877.88	14	1238.32	14	1679.79	14	1981.15	14	2262.73	14	2504.19	14	2924.31
14	23.68	14	285.77	14	573.44	14	884.79	14	1245.44	14	1686.91	14	1988.26	14	2269.84	14	2511.30	14	2924.31
14	27.00	14	292.63	14	580.30	14	891.90	14	1252.55	14	1694.02	14	1995.37	14	2276.95	14	2518.41	14	2924.31
14	30.32	14	299.49	14	587.16	14	899.01	14	1259.66	14	1701.14	14	2002.48	14	2284.06	14	2525.52	14	2924.31
14	33.64	14	306.35	14	594.02	14	906.12	14	1266.77	14	1708.25	14	2009.59	14	2291.17	14	2532.63	14	2924.31
14	36.96	14	313.21	14	600.88	14	913.23	14	1273.88	14	1715.36	14	2016.70	14	2298.28	14	2539.74	14	2924.31
14	40.28	14	320.07	14	607.74	14	920.34	14	1280.99	14	1722.47	14	2023.81	14	2305.39	14	2546.85	14	2924.31
14	43.60	14	326.93	14	614.60	14	927.45	14	1288.10	14	1729.58	14	2030.92	14	2312.50	14	2553.96	14	2924.31
14	46.92	14	333.79	14	621.46	14	934.56	14	1295.21	14	1736.69	14	2038.03	14	2319.61	14	2561.07	14	2924.31
14	50.24	14	340.65	14	628.32	14	941.67	14	1302.32	14	1743.80	14	2045.14	14	2326.72	14	2568.18	14	2924.31
14	53.56	14	347.51	14	635.18	14	948.78	14	1309.43	14	1750.91	14	2052.25	14	2333.83	14	2575.29	14	2924.31
14	56.88	14	354.37	14	642.04	14	955.89	14	1316.54	14	1758.02	14	2059.36	14	2340.94	14	2582.40	14	2924.31
14	60.20	14	361.23	14	648.90	14	963.00	14	1323.65	14	1765.13	14	2066.47	14	2348.05	14	2589.51	14	2924.31
14	63.52	14	368.09	14	655.76	14	970.11	14	1330.76	14	1772.24	14	2073.58	14	2355.16	14	2596.62	14	2924.31
14	66.84	14	374.95	14	662.62	14	977.22	14	1337.87	14	1779.35	14	2080.69	14	2362.27	14	2603.73	14	2924.31
14	70.16	14	381.81	14	669.48	14	984.33	14	1344.98	14	1786.46	14	2087.80	14	2369.38	14	2610.84	14	2924.31
14	73.48	14	388.67	14	676.34	14	991.44	14	1352.09	14	1793.57	14	2094.91	14	2376.49	14	2617.95	14	2924.31
14	76.80	14	395.53	14	683.20	14	998.55	14	1359.20	14	1800.68	14	2102.02	14	2383.60	14	2625.06	14	2924.31
14	80.12	14	402.39	14	690.06	14	1005.66	14	1366.31	14	1807.79	14	2109.13	14	2390.71	14	2632.17	14	2924.31
14	83.44	14	409.25	14	696.92	14	1012.77	14	1373.42	14	1814.90	14	2116.24	14	2397.82	14	2639.28	14	2924.31
14	86.76	14	416.11	14	703.78	14	1019.88	14	1380.53	14	1822.01	14	2123.35	14	2404.93	14	2646.39	14	2924.31
14	90.08	14	422.97	14	710.64	14	1026.99	14	1387.64	14	1829.12	14	2130.46	14	2412.04	14	2653.50	14	2924.31
14	93.40	14	429.83	14	717.50	14	1034.10	14	1394.75	14	1836.23	14	2137.57	14	2419.15	14	2660.61	14	2924.31
14	96.72	14	436.69	14	724.36	14	1041.21	14	1401.86	14	1843.34	14	2144.68	14	2426.26	14	2667.72	14	2924.31
14	100.04	14	443.55	14	731.22	14	1048.32	14	1408.97	14	1850.45	14	2151.79	14	2433.37	14	2674.83	14	2924.31
14	103.36	14	450.41	14	738.08	14	1055.43	14	1416.08	14	1857.56	14	2158.90	14	2440.48	14	2681.94	14	2924.31
14	106.68	14	457.27	14	744.94	14	1062.54	14	1423.19	14	1864.67	14	2166.01	14	2447.59	14	2689.05	14	2924.31
14	110.00	14	464.13	14	751.80	14	1069.65	14	1430.30	14	1871.78	14	2173.12	14	2454.70	14	2696.16	14	2924.31
14	113.32	14	470.99	14	758.66	14	1076.76	14	1437.41	14	1878.89	14	2180.23	14	2461.81	14	2703.27	14	2924.31
14	116.64	14	477.85	14	765.52	14	1083.87	14	1444.52	14	1886.00	14	2187.34	14	2468.92	14	2710.38	14	2924.31
14	120.00	14	484.71	14	772.38	14	1090.98	14	1451.63	14	1893.11	14	2194.45	14	2476.03	14	2717.49	14	2924.31
14	123.32	14	491.57	14	779.24	14	1098.09	14	1458.74	14	1900.22	14	2201.56	14	2483.14	14	2724.60	14	2924.31
14	126.64	14	498.43	14	786.10	14	1105.20	14	1465.85	14	1907.33	14	2208.67	14	2490.25	14	2731.71	14	2924.31
14	130.00	14	505.29	14	792.96	14	1112.31	14	1472.96	14	1914.44	14	2215.78	14	2497.36	14	2738.82	14	2924.31
14	133.32	14	512.15	14	799.82	14	1119.42	14	1480.07	14	1921.55	14	2222.89	14	2504.47	14	2745.93	14	2924.31
14	136.64	14	519.01	14	806.68	14	1126.53	14	1487.18	14	1928.66	14	2229.90	14	2511.58	14	2753.04	14	2924.31
14	140.00	14	525.87	14	813.54	14	1133.64	14	1494.29	14	1935.77	14	2237.01	14	2518.69	14	2760.15	14	2924.31
14	143.32	14	532.73	14	820.40	14	1140.75	14	1501.40	14	1942.88	14	2244.12	14	2525.80	14	2767.26	14	2924.31
14	146.64	14	539.59	14	827.26	14	1147.86	14	1508.51	14	1949.99	14	2251.23	14	2532.91	14	2774.37	14	2924.31
14	150.00	14	546.45	14	834.12	14	1154.97	14	1515.62	14	1957.10	14	2258.34	14	2540.02	14	2781.48	14	2924.31
14	153.32	14	553.31	14	840.98	14	1162.08	14	1522.73	14	1964.21	14	2265.45	14	2547.13	14	2788.59	14	2924.31
14	156.64	14	560.17	14	847.84	14	1169.19	14	1529.84	14	1971.32	14	2272.56	14	2554.24	14	2795.70	14	2924.31
14	160.00	14	567.03	14	854.70	14	1176.30	14	1536.95	14	1978.43	14	2279.67	14	2561.35	14	2802.81	14	2924.31
14	163.32	14	573.89	14	861.56	14	1183.41	14	1544.06	14	1985.54	14	2286.78	14	2568.46	14	2809.92	14	2924.31
14	166.64	14	580.75	14	868.42	14	1190.52	14	1551.17	14	1992.65	14	2293.89	14	2575.57	14	2817.03	14	2924.31
14	170.00	14	587.61	14	875.28	14	1197.63	14	1558.28	14	1999.76	14	2301.00	14	2582.68	14	2824.14	14	2924.31
14	173.32	14	594.47	14	882.14	14	1204.74	14	1565.39	14	2006.87	14	2308.11	14	2589.79	14	2831.25	14	2924.31
14	176.64	14	601.33	14	889.00	14	1211.85	14	1572.50	14	2013.98	14	2315.22	14	2596.90	14	2838.36	14	2924.31
14	180.00	14	608.19	14	895.86	14	1218.96	14	1579.61	14	2021.09	14	2322.33	14	2604.01	14	2845.47	14	2924.31
14	183.32	14	615.05	14	902.72	14	1226.07	14	1586.72	14	2028.20	14	2329.44	14	2611.12	14	2852.58	14	2924.31
14	186.64	14	621.91	14	909.58	14	1233.18	14	1593.83	14	2035.31	14	2336.55	14	2618.23	14	2859.69	14	2924.31
14	190.00	14	628.77	14	916.44	14	1240.29	14	1600.94	14	2042.42	14	2343.66	14	2625.34	14	2866.80	14	2924.31
14	193.32	14	635.63	14	923.30	14	1247.40	14	1608.05	14	2049.53	14	2350.77	14	2632.45	14	2873.91	14	2924.3



BARGE "EMS 506"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"																			
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	3,266.77	0	3,607.24	0	3,944.13	0	4,280.07	0	4,616.01	0	4,951.81	0	5,287.51	0	5,623.21	0	5,958.91	0	6,294.61
1/4	3,272.88	1/4	3,613.35	1/4	3,950.24	1/4	4,286.18	1/4	4,622.12	1/4	4,957.92	1/4	5,293.76	1/4	5,629.46	1/4	5,965.16	1/4	6,300.86
1/2	3,279.00	1/2	3,619.47	1/2	3,956.36	1/2	4,292.30	1/2	4,628.24	1/2	4,964.18	1/2	5,300.02	1/2	5,635.72	1/2	5,971.42	1/2	6,307.12
3/4	3,285.11	3/4	3,625.68	3/4	3,962.47	3/4	4,298.41	3/4	4,634.35	3/4	4,970.29	3/4	5,306.13	3/4	5,641.83	3/4	5,977.53	3/4	6,313.23
1	3,291.22	1	3,631.79	1	3,968.58	1	4,304.52	1	4,640.46	1	4,976.40	1	5,312.24	1	5,647.94	1	5,983.64	1	6,319.34
1 1/4	3,297.33	1 1/4	3,637.90	1 1/4	3,974.69	1 1/4	4,310.63	1 1/4	4,646.57	1 1/4	4,982.51	1 1/4	5,318.35	1 1/4	5,654.05	1 1/4	5,989.75	1 1/4	6,325.45
1 1/2	3,303.44	1 1/2	3,644.01	1 1/2	3,980.80	1 1/2	4,316.74	1 1/2	4,652.68	1 1/2	4,988.62	1 1/2	5,324.46	1 1/2	5,660.16	1 1/2	5,995.86	1 1/2	6,331.56
1 3/4	3,309.55	1 3/4	3,650.12	1 3/4	3,986.91	1 3/4	4,322.85	1 3/4	4,658.79	1 3/4	4,994.73	1 3/4	5,330.57	1 3/4	5,666.27	1 3/4	6,001.97	1 3/4	6,337.67
2	3,315.66	2	3,656.23	2	3,993.02	2	4,328.96	2	4,664.90	2	5,000.84	2	5,336.68	2	5,672.38	2	6,008.08	2	6,343.78
2 1/4	3,321.77	2 1/4	3,662.34	2 1/4	3,999.13	2 1/4	4,335.07	2 1/4	4,671.01	2 1/4	5,006.95	2 1/4	5,342.79	2 1/4	5,678.49	2 1/4	6,014.19	2 1/4	6,349.89
2 1/2	3,327.88	2 1/2	3,668.45	2 1/2	4,005.24	2 1/2	4,341.18	2 1/2	4,677.12	2 1/2	5,013.06	2 1/2	5,348.90	2 1/2	5,684.60	2 1/2	6,020.30	2 1/2	6,355.99
2 3/4	3,333.99	2 3/4	3,674.56	2 3/4	4,011.35	2 3/4	4,347.29	2 3/4	4,683.23	2 3/4	5,019.17	2 3/4	5,355.01	2 3/4	5,690.71	2 3/4	6,026.41	2 3/4	6,362.10
3	3,340.10	3	3,680.67	3	4,017.46	3	4,353.40	3	4,689.34	3	5,025.28	3	5,361.12	3	5,696.82	3	6,032.52	3	6,368.21
3 1/4	3,346.21	3 1/4	3,686.78	3 1/4	4,023.57	3 1/4	4,359.51	3 1/4	4,695.45	3 1/4	5,031.39	3 1/4	5,367.23	3 1/4	5,702.93	3 1/4	6,038.63	3 1/4	6,374.32
3 1/2	3,352.32	3 1/2	3,692.89	3 1/2	4,029.68	3 1/2	4,365.62	3 1/2	4,701.56	3 1/2	5,037.50	3 1/2	5,373.34	3 1/2	5,709.04	3 1/2	6,044.74	3 1/2	6,380.43
3 3/4	3,358.43	3 3/4	3,699.00	3 3/4	4,035.79	3 3/4	4,371.73	3 3/4	4,707.67	3 3/4	5,043.61	3 3/4	5,379.45	3 3/4	5,715.14	3 3/4	6,050.85	3 3/4	6,386.54
4	3,364.54	4	3,705.11	4	4,041.90	4	4,377.84	4	4,713.80	4	5,049.72	4	5,385.56	4	5,721.24	4	6,056.96	4	6,392.65
4 1/4	3,370.65	4 1/4	3,711.22	4 1/4	4,048.01	4 1/4	4,383.95	4 1/4	4,719.91	4 1/4	5,055.83	4 1/4	5,391.67	4 1/4	5,727.35	4 1/4	6,063.07	4 1/4	6,398.76
4 1/2	3,376.76	4 1/2	3,717.33	4 1/2	4,054.12	4 1/2	4,390.06	4 1/2	4,726.02	4 1/2	5,061.94	4 1/2	5,397.78	4 1/2	5,733.44	4 1/2	6,069.18	4 1/2	6,404.87
4 3/4	3,382.87	4 3/4	3,723.44	4 3/4	4,060.23	4 3/4	4,396.17	4 3/4	4,732.13	4 3/4	5,068.05	4 3/4	5,403.89	4 3/4	5,739.53	4 3/4	6,075.29	4 3/4	6,410.98
5	3,388.98	5	3,729.55	5	4,066.34	5	4,402.28	5	4,738.24	5	5,074.16	5	5,409.99	5	5,745.62	5	6,081.40	5	6,417.09
5 1/4	3,395.09	5 1/4	3,735.66	5 1/4	4,072.45	5 1/4	4,408.39	5 1/4	4,744.35	5 1/4	5,080.27	5 1/4	5,416.10	5 1/4	5,751.71	5 1/4	6,087.51	5 1/4	6,423.20
5 1/2	3,401.20	5 1/2	3,741.77	5 1/2	4,078.56	5 1/2	4,414.50	5 1/2	4,750.46	5 1/2	5,086.38	5 1/2	5,422.21	5 1/2	5,757.82	5 1/2	6,093.62	5 1/2	6,429.31
5 3/4	3,407.31	5 3/4	3,747.88	5 3/4	4,084.67	5 3/4	4,420.61	5 3/4	4,756.57	5 3/4	5,092.49	5 3/4	5,428.32	5 3/4	5,763.93	5 3/4	6,100.73	5 3/4	6,435.42
6	3,413.42	6	3,753.99	6	4,090.78	6	4,426.72	6	4,762.68	6	5,098.60	6	5,434.43	6	5,769.94	6	6,106.84	6	6,441.53
6 1/4	3,419.53	6 1/4	3,760.10	6 1/4	4,096.89	6 1/4	4,432.83	6 1/4	4,768.79	6 1/4	5,104.71	6 1/4	5,440.54	6 1/4	5,776.05	6 1/4	6,112.96	6 1/4	6,447.64
6 1/2	3,425.64	6 1/2	3,766.21	6 1/2	4,103.00	6 1/2	4,438.94	6 1/2	4,774.90	6 1/2	5,110.82	6 1/2	5,446.65	6 1/2	5,782.16	6 1/2	6,119.07	6 1/2	6,453.75
6 3/4	3,431.75	6 3/4	3,772.32	6 3/4	4,109.11	6 3/4	4,445.05	6 3/4	4,781.01	6 3/4	5,116.93	6 3/4	5,452.76	6 3/4	5,788.27	6 3/4	6,125.18	6 3/4	6,459.86
7	3,437.86	7	3,778.43	7	4,115.22	7	4,451.16	7	4,787.12	7	5,123.04	7	5,458.87	7	5,794.38	7	6,131.29	7	6,465.97
7 1/4	3,443.97	7 1/4	3,784.54	7 1/4	4,121.33	7 1/4	4,457.27	7 1/4	4,793.23	7 1/4	5,129.15	7 1/4	5,464.98	7 1/4	5,800.49	7 1/4	6,137.40	7 1/4	6,472.08
7 1/2	3,450.08	7 1/2	3,790.65	7 1/2	4,127.44	7 1/2	4,463.38	7 1/2	4,799.34	7 1/2	5,135.26	7 1/2	5,471.09	7 1/2	5,806.60	7 1/2	6,143.51	7 1/2	6,478.19
7 3/4	3,456.19	7 3/4	3,796.76	7 3/4	4,133.55	7 3/4	4,469.49	7 3/4	4,805.45	7 3/4	5,141.37	7 3/4	5,477.20	7 3/4	5,812.71	7 3/4	6,149.62	7 3/4	6,484.30
8	3,462.30	8	3,802.87	8	4,139.66	8	4,475.60	8	4,811.56	8	5,147.48	8	5,483.31	8	5,818.82	8	6,155.73	8	6,490.41
8 1/4	3,468.41	8 1/4	3,808.98	8 1/4	4,145.77	8 1/4	4,481.71	8 1/4	4,817.67	8 1/4	5,153.59	8 1/4	5,489.42	8 1/4	5,824.93	8 1/4	6,161.84	8 1/4	6,496.52
8 1/2	3,474.52	8 1/2	3,815.09	8 1/2	4,151.88	8 1/2	4,487.82	8 1/2	4,823.78	8 1/2	5,159.70	8 1/2	5,495.53	8 1/2	5,831.04	8 1/2	6,167.95	8 1/2	6,502.63
8 3/4	3,480.63	8 3/4	3,821.20	8 3/4	4,157.99	8 3/4	4,493.93	8 3/4	4,829.89	8 3/4	5,165.81	8 3/4	5,501.64	8 3/4	5,837.15	8 3/4	6,174.06	8 3/4	6,508.74
9	3,486.74	9	3,827.31	9	4,164.10	9	4,500.04	9	4,835.90	9	5,171.92	9	5,507.75	9	5,843.26	9	6,180.17	9	6,514.85
9 1/4	3,492.85	9 1/4	3,833.42	9 1/4	4,170.21	9 1/4	4,506.15	9 1/4	4,842.01	9 1/4	5,178.03	9 1/4	5,513.86	9 1/4	5,849.37	9 1/4	6,186.28	9 1/4	6,520.96
9 1/2	3,498.96	9 1/2	3,839.53	9 1/2	4,176.32	9 1/2	4,512.26	9 1/2	4,848.12	9 1/2	5,184.14	9 1/2	5,519.97	9 1/2	5,855.48	9 1/2	6,192.39	9 1/2	6,527.07
9 3/4	3,505.07	9 3/4	3,845.64	9 3/4	4,182.43	9 3/4	4,518.37	9 3/4	4,854.23	9 3/4	5,190.25	9 3/4	5,526.08	9 3/4	5,861.59	9 3/4	6,198.50	9 3/4	6,533.18
10	3,511.18	10	3,851.75	10	4,188.54	10	4,524.48	10	4,860.34	10	5,196.36	10	5,532.19	10	5,867.70	10	6,204.61	10	6,539.29
10 1/4	3,517.29	10 1/4	3,857.86	10 1/4	4,194.65	10 1/4	4,530.59	10 1/4	4,866.45	10 1/4	5,202.47	10 1/4	5,538.30	10 1/4	5,873.81	10 1/4	6,210.72	10 1/4	6,545.40
10 1/2	3,523.40	10 1/2	3,863.97	10 1/2	4,200.76	10 1/2	4,536.70	10 1/2	4,872.56	10 1/2	5,208.58	10 1/2	5,544.41	10 1/2	5,879.92	10 1/2	6,216.83	10 1/2	6,551.51
10 3/4	3,529.51	10 3/4	3,870.08	10 3/4	4,206.87	10 3/4	4,542.81	10 3/4	4,878.67	10 3/4	5,214.69	10 3/4	5,550.52	10 3/4	5,886.03	10 3/4	6,222.94	10 3/4	6,557.62
11	3,535.62	11	3,876.19	11	4,212.98	11	4,548.92	11	4,884.78	11	5,220.80	11	5,556.63	11	5,892.14	11	6,229.05	11	6,563.73
11 1/4	3,541.73	11 1/4	3,882.30	11 1/4	4,219.09	11 1/4	4,555.03	11 1/4	4,890.89	11 1/4	5,226.91	11 1/4	5,562.74	11 1/4	5,898.25	11 1/4	6,235.16	11 1/4	6,569.84
11 1/2	3,547.84	11 1/2	3,888.41	11 1/2	4,225.20	11 1/2	4,561.14	11 1/2	4,896.90	11 1/2	5,233.02	11 1/2	5,568.85	11 1/2	5,904.36	11 1/2	6,241.27	11 1/2	6,575.95
11 3/4	3,553.95	11 3/4	3,894.52	11 3/4	4,231.31	11 3													



BARGE "EMS 506"

1 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 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	14 FT.
0	10.40	0	243.64	0	566.14	0	877.20	0	1,217.22	0	1,588.88	0	1,900.17	0	2,241.93	0	2,583.08	0	2,924.34	0	3,265.60	0	3,606.86	0	3,948.12	0	4,289.38	0	4,630.64
1/4	13.72	1/4	289.45	1/4	682.87	1/4	881.19	1/4	1,231.45	1/4	1,588.81	1/4	1,900.28	1/4	2,241.94	1/4	2,583.09	1/4	2,924.35	1/4	3,265.61	1/4	3,606.87	1/4	3,948.13	1/4	4,289.39	1/4	4,630.65
1/2	17.04	1/2	375.27	1/2	908.98	1/2	1,191.19	1/2	1,541.45	1/2	1,908.81	1/2	2,220.10	1/2	2,561.36	1/2	2,902.62	1/2	3,243.88	1/2	3,585.14	1/2	3,926.40	1/2	4,267.66	1/2	4,608.92	1/2	4,950.18
3/4	20.36	3/4	461.09	3/4	1,191.19	3/4	1,541.45	3/4	1,908.81	3/4	2,220.10	3/4	2,561.36	3/4	2,902.62	3/4	3,243.88	3/4	3,585.14	3/4	3,926.40	3/4	4,267.66	3/4	4,608.92	3/4	4,950.18	3/4	5,291.44
1	23.68	1	546.91	1	1,382.41	1	1,732.67	1	2,082.93	1	2,433.19	1	2,783.45	1	3,133.71	1	3,483.97	1	3,834.23	1	4,184.49	1	4,534.75	1	4,885.01	1	5,235.27	1	5,585.53
1 1/4	27.00	1 1/4	632.73	1 1/4	1,573.64	1 1/4	1,923.90	1 1/4	2,274.16	1 1/4	2,624.42	1 1/4	2,974.68	1 1/4	3,324.94	1 1/4	3,675.20	1 1/4	4,025.46	1 1/4	4,375.72	1 1/4	4,725.98	1 1/4	5,076.24	1 1/4	5,426.50	1 1/4	5,776.76
1 1/2	30.32	1 1/2	718.55	1 1/2	1,764.85	1 1/2	2,115.11	1 1/2	2,465.37	1 1/2	2,815.63	1 1/2	3,165.89	1 1/2	3,516.15	1 1/2	3,866.41	1 1/2	4,216.67	1 1/2	4,566.93	1 1/2	4,917.19	1 1/2	5,267.45	1 1/2	5,617.71	1 1/2	5,967.97
1 3/4	33.64	1 3/4	804.37	1 3/4	1,956.06	1 3/4	2,306.32	1 3/4	2,656.58	1 3/4	3,006.84	1 3/4	3,357.10	1 3/4	3,707.36	1 3/4	4,057.62	1 3/4	4,407.88	1 3/4	4,758.14	1 3/4	5,108.40	1 3/4	5,458.66	1 3/4	5,808.92	1 3/4	6,159.18
2	36.96	2	890.19	2	2,147.27	2	2,497.53	2	2,847.79	2	3,198.05	2	3,548.31	2	3,898.57	2	4,248.83	2	4,599.09	2	4,949.35	2	5,299.61	2	5,649.87	2	5,999.13	2	6,349.39
2 1/4	40.28	2 1/4	976.01	2 1/4	2,338.48	2 1/4	2,688.74	2 1/4	3,039.00	2 1/4	3,389.26	2 1/4	3,739.52	2 1/4	4,089.78	2 1/4	4,439.54	2 1/4	4,789.80	2 1/4	5,139.56	2 1/4	5,489.82	2 1/4	5,839.58	2 1/4	6,189.34	2 1/4	6,539.60
2 1/2	43.60	2 1/2	1,061.83	2 1/2	2,529.69	2 1/2	2,879.95	2 1/2	3,230.21	2 1/2	3,580.47	2 1/2	3,930.73	2 1/2	4,280.99	2 1/2	4,631.25	2 1/2	4,981.51	2 1/2	5,331.77	2 1/2	5,682.03	2 1/2	6,032.29	2 1/2	6,382.55	2 1/2	6,732.81
2 3/4	46.92	2 3/4	1,147.65	2 3/4	2,720.91	2 3/4	3,071.17	2 3/4	3,421.43	2 3/4	3,771.69	2 3/4	4,121.95	2 3/4	4,472.21	2 3/4	4,822.47	2 3/4	5,172.73	2 3/4	5,522.99	2 3/4	5,873.25	2 3/4	6,223.51	2 3/4	6,573.77	2 3/4	6,924.03
3	50.24	3	1,233.47	3	2,912.03	3	3,262.29	3	3,612.55	3	3,962.81	3	4,313.07	3	4,663.33	3	5,013.59	3	5,363.85	3	5,714.11	3	6,064.37	3	6,414.63	3	6,764.89	3	7,115.15
3 1/4	53.56	3 1/4	1,319.29	3 1/4	3,103.25	3 1/4	3,453.51	3 1/4	3,803.77	3 1/4	4,154.03	3 1/4	4,504.29	3 1/4	4,854.55	3 1/4	5,204.81	3 1/4	5,555.07	3 1/4	5,905.33	3 1/4	6,255.59	3 1/4	6,605.85	3 1/4	6,956.11	3 1/4	7,306.37
3 1/2	56.88	3 1/2	1,405.11	3 1/2	3,294.41	3 1/2	3,644.67	3 1/2	3,994.93	3 1/2	4,345.19	3 1/2	4,695.45	3 1/2	5,045.71	3 1/2	5,395.97	3 1/2	5,746.23	3 1/2	6,096.49	3 1/2	6,446.75	3 1/2	6,797.01	3 1/2	7,147.27	3 1/2	7,497.53
3 3/4	60.20	3 3/4	1,490.93	3 3/4	3,485.21	3 3/4	3,835.47	3 3/4	4,185.73	3 3/4	4,536.00	3 3/4	4,886.26	3 3/4	5,236.52	3 3/4	5,586.78	3 3/4	5,937.04	3 3/4	6,287.30	3 3/4	6,637.56	3 3/4	6,987.82	3 3/4	7,338.08	3 3/4	7,688.34
4	63.52	4	1,576.75	4	3,676.01	4	4,026.27	4	4,376.53	4	4,726.79	4	5,077.05	4	5,427.31	4	5,777.57	4	6,127.83	4	6,478.09	4	6,828.35	4	7,178.61	4	7,528.87	4	7,879.13
4 1/4	66.84	4 1/4	1,662.57	4 1/4	3,867.21	4 1/4	4,217.47	4 1/4	4,567.73	4 1/4	4,917.99	4 1/4	5,268.25	4 1/4	5,618.51	4 1/4	5,968.77	4 1/4	6,319.03	4 1/4	6,669.29	4 1/4	7,019.55	4 1/4	7,369.81	4 1/4	7,720.07	4 1/4	8,070.33
4 1/2	70.16	4 1/2	1,748.39	4 1/2	4,058.05	4 1/2	4,408.31	4 1/2	4,758.57	4 1/2	5,108.83	4 1/2	5,459.09	4 1/2	5,809.35	4 1/2	6,159.61	4 1/2	6,509.87	4 1/2	6,860.13	4 1/2	7,210.39	4 1/2	7,560.65	4 1/2	7,910.91	4 1/2	8,261.17
4 3/4	73.48	4 3/4	1,834.21	4 3/4	4,249.21	4 3/4	4,599.47	4 3/4	4,949.73	4 3/4	5,299.99	4 3/4	5,650.25	4 3/4	6,000.51	4 3/4	6,350.77	4 3/4	6,701.03	4 3/4	7,051.29	4 3/4	7,401.55	4 3/4	7,751.81	4 3/4	8,102.07	4 3/4	8,452.33
5	76.80	5	1,920.03	5	4,440.03	5	4,790.29	5	5,140.55	5	5,490.81	5	5,841.07	5	6,191.33	5	6,541.59	5	6,891.85	5	7,242.11	5	7,592.37	5	7,942.63	5	8,292.89	5	8,643.15
5 1/4	80.12	5 1/4	2,005.85	5 1/4	4,631.25	5 1/4	4,981.51	5 1/4	5,331.77	5 1/4	5,682.03	5 1/4	6,032.29	5 1/4	6,382.55	5 1/4	6,732.81	5 1/4	7,083.07	5 1/4	7,433.33	5 1/4	7,783.59	5 1/4	8,133.85	5 1/4	8,484.11	5 1/4	8,834.37
5 1/2	83.44	5 1/2	2,091.67	5 1/2	4,822.47	5 1/2	5,172.73	5 1/2	5,522.99	5 1/2	5,873.25	5 1/2	6,223.51	5 1/2	6,573.77	5 1/2	6,924.03	5 1/2	7,274.29	5 1/2	7,624.55	5 1/2	7,974.81	5 1/2	8,325.07	5 1/2	8,675.33	5 1/2	9,025.59
5 3/4	86.76	5 3/4	2,177.49	5 3/4	5,013.59	5 3/4	5,363.85	5 3/4	5,714.11	5 3/4	6,064.37	5 3/4	6,414.63	5 3/4	6,764.89	5 3/4	7,115.15	5 3/4	7,465.41	5 3/4	7,815.67	5 3/4	8,165.93	5 3/4	8,516.19	5 3/4	8,866.45	5 3/4	9,216.71
6	90.08	6	2,263.31	6	5,204.81	6	5,555.07	6	5,905.33	6	6,255.59	6	6,605.85	6	6,956.11	6	7,306.37	6	7,656.63	6	8,006.89	6	8,357.15	6	8,707.41	6	9,057.67	6	9,407.93
6 1/4	93.40	6 1/4	2,349.13	6 1/4	5,395.97	6 1/4	5,746.23	6 1/4	6,096.49	6 1/4	6,446.75	6 1/4	6,797.01	6 1/4	7,147.27	6 1/4	7,497.53	6 1/4	7,847.79	6 1/4	8,198.05	6 1/4	8,548.31	6 1/4	8,898.57	6 1/4	9,248.83	6 1/4	9,599.09
6 1/2	96.72	6 1/2	2,434.95	6 1/2	5,587.21	6 1/2	5,937.47	6 1/2	6,287.73	6 1/2	6,638.00	6 1/2	6,988.26	6 1/2	7,338.52	6 1/2	7,688.78	6 1/2	8,039.04	6 1/2	8,389.30	6 1/2	8,739.56	6 1/2	9,089.82	6 1/2	9,439.08	6 1/2	9,789.34
6 3/4	100.04	6 3/4	2,520.77	6 3/4	5,778.41	6 3/4	6,128.67	6 3/4	6,478.93	6 3/4	6,829.19	6 3/4	7,179.45	6 3/4	7,529.71	6 3/4	7,879.97	6 3/4	8,230.23	6 3/4	8,580.49	6 3/4	8,930.75	6 3/4	9,281.01	6 3/4	9,631.27	6 3/4	9,981.53
7	103.36	7	2,606.59	7	5,969.61	7	6,319.87	7	6,670.13	7	7,020.39	7	7,370.65	7	7,720.91	7	8,071.17	7	8,421.43	7	8,771.69	7	9,121.95	7	9,472.21	7	9,822.47	7	10,172.73
7 1/4	106.68	7 1/4	2,692.41	7 1/4	6,160.81	7 1/4	6,511.07	7 1/4	6,861.33	7 1/4	7,211.59	7 1/4	7,561.85	7 1/4	7,912.11	7 1/4	8,262.37	7 1/4	8,612.63	7 1/4	8,962.89	7 1/4	9,313.15	7 1/4	9,663.41	7 1/4	10,013.67	7 1/4	10,363.93
7 1/2	110.00	7 1/2	2,778.23	7 1/2	6,352.03	7 1/2	6,702.29	7 1/2	7,052.55	7 1/2	7,402.81	7 1/2	7,753.07	7 1/2	8,103.33	7 1/2	8,453.59	7 1/2	8,803.85	7 1/2	9,154.11	7 1/2	9,504.37	7 1/2	9,854.63	7 1/2	10,204.89	7 1/2	10,555.15
7 3/4	113.32	7 3/4	2,864.05	7 3/4	6,543.21	7 3/4	6,893.47	7 3/4	7,243.73	7 3/4	7,594.00	7 3/4	7,944.26	7 3/4	8,294.52	7 3/4	8,644.78	7 3/4	8,995.04	7 3/4	9,345.30	7 3/4	9,695.56	7 3/4	10,045.82	7 3/4	10,396.08	7 3/4	10,746.34
8	116.64	8	2,949.87	8	6,734.41	8	7,084.67	8	7,434.93	8	7,785.19	8	8,135.45	8	8,485.71	8	8,835.97	8	9,186.23	8	9,536.49	8	9,886.75	8	10,237.01	8	10,587.27	8	10,937.53
8 1/4	119.96	8 1/4	3,035.69	8 1/4	6,925.61	8 1/4	7,275.87	8 1/4	7,626.13	8 1/4	7,976.39	8 1/4	8,326.65	8 1/4	8,676.91	8 1/4	9,027.17	8 1/4	9,377.43	8 1/4	9,727.69	8 1/4	10,077.95	8 1/4	10,428.21	8 1/4	10,778.47	8 1/4	11,128.73
8 1/2	123.28	8 1/2	3,121.51	8 1/2	7,116.81	8 1/2	7,467.07	8 1/2	7,817.33	8 1/2	8,167.59	8 1/2	8,517.85	8 1/2	8,868.11	8 1/2	9,218.37	8 1/2	9,568.63	8 1/2	9,918.89	8 1/2	10,269.15	8 1/2	10,619.41	8 1/2	10,969.67	8 1/2	11,319.93
8 3/4	126.60	8 3/4	3,207.33	8 3/4	7,308.01	8 3/4	7,658.27	8 3/4	8,008.53	8 3/4	8,358.79	8 3/4	8,709.05	8 3/															



BARGE "EMS 506"

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	3,265.01	0	3,607.47	0	3,944.38	0	4,280.38	0	4,616.37	0	4,951.08	0	5,285.39	0	5,619.10	0	5,952.31	0	6,285.02
1/4	3,273.12	1/4	3,615.58	1/4	3,952.89	1/4	4,288.89	1/4	4,624.88	1/4	4,960.88	1/4	5,296.88	1/4	5,632.88	1/4	5,968.88	1/4	6,304.88
1/2	3,281.23	1/2	3,623.69	1/2	3,960.99	1/2	4,296.99	1/2	4,632.98	1/2	4,968.98	1/2	5,304.98	1/2	5,640.98	1/2	5,976.98	1/2	6,312.98
3/4	3,289.35	3/4	3,631.80	3/4	3,969.10	3/4	4,305.10	3/4	4,639.09	3/4	4,975.09	3/4	5,311.09	3/4	5,647.09	3/4	5,983.09	3/4	6,320.09
1	3,297.46	1	3,639.91	1	3,977.21	1	4,313.21	1	4,647.20	1	4,983.20	1	5,319.20	1	5,655.20	1	5,991.20	1	6,328.20
1 1/4	3,305.58	1 1/4	3,648.03	1 1/4	3,985.32	1 1/4	4,321.32	1 1/4	4,655.31	1 1/4	4,991.31	1 1/4	5,327.31	1 1/4	5,663.31	1 1/4	5,999.31	1 1/4	6,336.31
1 1/2	3,313.69	1 1/2	3,656.14	1 1/2	3,993.43	1 1/2	4,329.43	1 1/2	4,663.42	1 1/2	5,000.42	1 1/2	5,335.42	1 1/2	5,671.42	1 1/2	6,007.42	1 1/2	6,344.42
3/2	3,321.80	3/2	3,664.25	3/2	4,001.54	3/2	4,337.54	3/2	4,671.53	3/2	5,007.53	3/2	5,343.53	3/2	5,679.53	3/2	6,015.53	3/2	6,352.53
1 3/4	3,329.91	1 3/4	3,672.36	1 3/4	4,009.65	1 3/4	4,345.65	1 3/4	4,679.64	1 3/4	5,015.64	1 3/4	5,351.64	1 3/4	5,687.64	1 3/4	6,023.64	1 3/4	6,360.64
2	3,338.02	2	3,680.47	2	4,017.76	2	4,353.76	2	4,687.75	2	5,023.75	2	5,359.75	2	5,695.75	2	6,031.75	2	6,368.75
2 1/4	3,346.13	2 1/4	3,688.58	2 1/4	4,025.87	2 1/4	4,361.87	2 1/4	4,695.86	2 1/4	5,031.86	2 1/4	5,367.86	2 1/4	5,703.86	2 1/4	6,039.86	2 1/4	6,376.86
2 1/2	3,354.24	2 1/2	3,696.69	2 1/2	4,033.98	2 1/2	4,369.98	2 1/2	4,703.97	2 1/2	5,039.97	2 1/2	5,375.97	2 1/2	5,711.97	2 1/2	6,047.97	2 1/2	6,384.97
2 3/4	3,362.35	2 3/4	3,704.80	2 3/4	4,042.09	2 3/4	4,378.09	2 3/4	4,711.08	2 3/4	5,047.08	2 3/4	5,383.08	2 3/4	5,719.08	2 3/4	6,055.08	2 3/4	6,393.08
3	3,370.46	3	3,712.91	3	4,050.20	3	4,386.20	3	4,719.19	3	5,055.19	3	5,391.19	3	5,727.19	3	6,063.19	3	6,401.19
3 1/4	3,378.57	3 1/4	3,721.02	3 1/4	4,058.31	3 1/4	4,394.31	3 1/4	4,727.30	3 1/4	5,063.30	3 1/4	5,399.30	3 1/4	5,735.30	3 1/4	6,069.30	3 1/4	6,409.30
3 1/2	3,386.68	3 1/2	3,729.13	3 1/2	4,066.42	3 1/2	4,402.42	3 1/2	4,735.41	3 1/2	5,071.41	3 1/2	5,407.41	3 1/2	5,743.41	3 1/2	6,075.41	3 1/2	6,417.41
3 3/4	3,394.79	3 3/4	3,737.24	3 3/4	4,074.53	3 3/4	4,410.53	3 3/4	4,743.52	3 3/4	5,079.52	3 3/4	5,415.52	3 3/4	5,751.52	3 3/4	6,083.52	3 3/4	6,425.52
4	3,402.90	4	3,745.35	4	4,082.64	4	4,418.64	4	4,751.63	4	5,087.63	4	5,423.63	4	5,759.63	4	6,091.63	4	6,433.63
4 1/4	3,411.01	4 1/4	3,753.46	4 1/4	4,090.75	4 1/4	4,426.75	4 1/4	4,759.74	4 1/4	5,095.74	4 1/4	5,431.74	4 1/4	5,767.74	4 1/4	6,103.74	4 1/4	6,441.74
4 1/2	3,419.12	4 1/2	3,761.57	4 1/2	4,098.86	4 1/2	4,434.86	4 1/2	4,767.85	4 1/2	5,103.85	4 1/2	5,439.85	4 1/2	5,775.85	4 1/2	6,111.85	4 1/2	6,449.85
4 3/4	3,427.23	4 3/4	3,769.68	4 3/4	4,106.97	4 3/4	4,442.97	4 3/4	4,775.96	4 3/4	5,111.96	4 3/4	5,447.96	4 3/4	5,783.96	4 3/4	6,119.96	4 3/4	6,457.96
5	3,435.34	5	3,777.79	5	4,115.08	5	4,451.08	5	4,783.97	5	5,119.97	5	5,455.97	5	5,791.97	5	6,127.97	5	6,465.97
5 1/4	3,443.45	5 1/4	3,785.90	5 1/4	4,123.19	5 1/4	4,459.19	5 1/4	4,791.08	5 1/4	5,127.08	5 1/4	5,463.08	5 1/4	5,799.08	5 1/4	6,135.08	5 1/4	6,473.08
5 1/2	3,451.56	5 1/2	3,794.01	5 1/2	4,131.30	5 1/2	4,467.30	5 1/2	4,803.19	5 1/2	5,135.19	5 1/2	5,471.19	5 1/2	5,807.19	5 1/2	6,143.19	5 1/2	6,481.19
5 3/4	3,459.67	5 3/4	3,802.12	5 3/4	4,139.41	5 3/4	4,475.41	5 3/4	4,811.30	5 3/4	5,143.30	5 3/4	5,479.30	5 3/4	5,815.30	5 3/4	6,151.30	5 3/4	6,489.30
6	3,467.78	6	3,810.23	6	4,147.52	6	4,483.52	6	4,819.41	6	5,151.41	6	5,487.41	6	5,823.41	6	6,159.41	6	6,497.41
6 1/4	3,475.89	6 1/4	3,818.34	6 1/4	4,155.63	6 1/4	4,491.63	6 1/4	4,827.52	6 1/4	5,159.52	6 1/4	5,495.52	6 1/4	5,831.52	6 1/4	6,167.52	6 1/4	6,505.52
6 1/2	3,483.99	6 1/2	3,826.45	6 1/2	4,163.74	6 1/2	4,500.74	6 1/2	4,835.63	6 1/2	5,167.63	6 1/2	5,503.63	6 1/2	5,839.63	6 1/2	6,175.63	6 1/2	6,513.63
6 3/4	3,492.10	6 3/4	3,834.56	6 3/4	4,171.85	6 3/4	4,508.85	6 3/4	4,843.74	6 3/4	5,175.74	6 3/4	5,511.74	6 3/4	5,847.74	6 3/4	6,183.74	6 3/4	6,521.74
7	3,500.21	7	3,842.67	7	4,179.96	7	4,516.96	7	4,851.85	7	5,183.85	7	5,519.85	7	5,855.85	7	6,191.85	7	6,529.85
7 1/4	3,508.32	7 1/4	3,850.78	7 1/4	4,188.07	7 1/4	4,525.07	7 1/4	4,859.96	7 1/4	5,191.96	7 1/4	5,527.96	7 1/4	5,863.96	7 1/4	6,199.96	7 1/4	6,537.96
7 1/2	3,516.43	7 1/2	3,858.89	7 1/2	4,196.18	7 1/2	4,533.18	7 1/2	4,868.07	7 1/2	5,200.07	7 1/2	5,536.07	7 1/2	5,872.07	7 1/2	6,207.07	7 1/2	6,545.07
7 3/4	3,524.54	7 3/4	3,867.00	7 3/4	4,204.29	7 3/4	4,541.29	7 3/4	4,876.18	7 3/4	5,208.18	7 3/4	5,544.18	7 3/4	5,880.18	7 3/4	6,215.18	7 3/4	6,553.18
8	3,532.65	8	3,875.11	8	4,212.40	8	4,549.40	8	4,884.29	8	5,216.29	8	5,552.29	8	5,888.29	8	6,223.29	8	6,561.29
8 1/4	3,540.76	8 1/4	3,883.22	8 1/4	4,220.51	8 1/4	4,557.51	8 1/4	4,892.40	8 1/4	5,224.40	8 1/4	5,560.40	8 1/4	5,896.40	8 1/4	6,231.40	8 1/4	6,569.40
8 1/2	3,548.87	8 1/2	3,891.33	8 1/2	4,228.62	8 1/2	4,565.62	8 1/2	4,900.51	8 1/2	5,232.51	8 1/2	5,568.51	8 1/2	5,904.51	8 1/2	6,239.51	8 1/2	6,577.51
8 3/4	3,556.98	8 3/4	3,899.44	8 3/4	4,236.73	8 3/4	4,573.73	8 3/4	4,908.62	8 3/4	5,240.62	8 3/4	5,576.62	8 3/4	5,912.62	8 3/4	6,247.62	8 3/4	6,585.62
9	3,565.09	9	3,907.55	9	4,244.84	9	4,581.84	9	4,916.73	9	5,248.73	9	5,584.73	9	5,920.73	9	6,255.73	9	6,593.73
9 1/4	3,573.20	9 1/4	3,915.66	9 1/4	4,252.95	9 1/4	4,589.95	9 1/4	4,924.84	9 1/4	5,256.84	9 1/4	5,592.84	9 1/4	5,928.84	9 1/4	6,263.84	9 1/4	6,601.84
9 1/2	3,581.31	9 1/2	3,923.77	9 1/2	4,261.06	9 1/2	4,598.06	9 1/2	4,932.95	9 1/2	5,264.95	9 1/2	5,600.95	9 1/2	5,936.95	9 1/2	6,271.95	9 1/2	6,609.95
9 3/4	3,589.42	9 3/4	3,931.88	9 3/4	4,269.17	9 3/4	4,606.17	9 3/4	4,941.06	9 3/4	5,273.06	9 3/4	5,609.06	9 3/4	5,945.06	9 3/4	6,279.06	9 3/4	6,617.06
10	3,597.53	10	3,939.99	10	4,277.28	10	4,614.28	10	4,949.17	10	5,281.17	10	5,617.17	10	5,953.17	10	6,287.17	10	6,625.17
10 1/4	3,605.64	10 1/4	3,948.10	10 1/4	4,285.39	10 1/4	4,622.39	10 1/4	4,957.28	10 1/4	5,289.28	10 1/4	5,625.28	10 1/4	5,961.28	10 1/4	6,295.28	10 1/4	6,633.28
10 1/2	3,613.75	10 1/2	3,956.21	10 1/2	4,293.50	10 1/2	4,630.50	10 1/2	4,965.39	10 1/2	5,297.39	10 1/2	5,633.39	10 1/2	5,969.39	10 1/2	6,303.39	10 1/2	6,641.39
10 3/4	3,621.86	10 3/4	3,964.32	10 3/4	4,301.61	10 3/4	4,638.61	10 3/4	4,973.50	10 3/4	5,305.50	10 3/4	5,641.50	10 3/4	5,977.50	10 3/4	6,311.50	10 3/4	6,649.50
11	3,629.97	11	3,972.43	11	4,309.72	11	4,646.72	11	4,981.61	11	5,313.61	11	5,649.61	11	5,985.61	11	6,319.61	11	6,657.61
11 1/4	3,638.08	11 1/4	3,980.54	11 1/4	4,317.83	11 1/4	4,654.83	11 1/4	4,989.72	11 1/4	5,321.72	11 1/4	5,657.72	11 1/4	5,993.72	11 1/4	6,327.72	11 1/4	6,665.72
11 1/2	3,646.19	11 1/2	3,988.65	11 1/2	4,325.94	11 1/2	4,662.94	11 1/2	4,997.83	11 1/2	5,329.83	11 1/2	5,665.83	11 1/2	6,001.83	11 1/2	6,335.83	11 1/2	6,673.83
11 3/4	3,654.30	11 3/4	3,996.76	11 3/4	4,334.05	11 3/4	4,671.05	11 3/4	5,005.94	11 3/4	5,337.94	11 3/4	5,673.94	11 3/4	6,009.94	11 3/4	6,343.94	11 3/4	6,681.94
12	3,662.41	12	4,004.87	12	4,342.16	12	4,679.16	12	5,014.05	12	5,346.05	12	5,682.05	12	6,018.05	12	6,351.05	12	6,689.05
12 1/4	3,670.52	12 1/4	4,012.98	12 1/4	4,350.27	12 1/4	4,687.27	12 1/4	5,022.16	12 1/4	5,354.16	12 1/4	5,690.16	12 1/4	6,026.16	12 1/4	6,359.16	12 1/4	6,697.16
12 1/2	3,678.63	12 1/2	4,021.09	12 1/2	4,358.38	12 1/2	4,695.38	12 1/2	5,030.27	12 1/2	5,362.27	12 1/2	5,698.27	12 1/2	6,034.27	12 1/2	6,367.27	12 1/2	6,705.27
12 3/4	3,686.74	12 3/4	4,029.20	12 3/4	4,366.49	12 3/4	4,703.49	12 3/4	5,038.										

BARGE "EMS 506"

2 PORT INNAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS			GAUGE HEIGHT 16'-04 1/2"		
IN	0 FT.	IN	1 FT.	IN	2 FT.
0	13.93	0	388.54	0	776.61
1/4	19.32	1/4	398.52	1/4	784.89
1/2	24.71	1/2	404.71	1/2	792.88
3/4	30.10	3/4	412.79	3/4	800.74
1	35.48	1	420.88	1	808.61
1 1/4	40.87	1 1/4	428.96	1 1/4	816.49
1 1/2	46.25	1 1/2	437.05	1 1/2	824.36
1 3/4	51.64	1 3/4	445.13	1 3/4	832.04
2	57.02	2	453.22	2	839.71
2 1/4	62.41	2 1/4	461.30	2 1/4	847.38
2 1/2	67.79	2 1/2	469.38	2 1/2	855.04
2 3/4	73.18	2 3/4	477.47	2 3/4	862.71
3	78.56	3	485.56	3	870.38
3 1/4	83.95	3 1/4	493.64	3 1/4	878.04
3 1/2	89.34	3 1/2	501.73	3 1/2	885.71
3 3/4	94.73	3 3/4	509.81	3 3/4	893.38
4	100.12	4	517.90	4	901.04
4 1/4	105.51	4 1/4	525.98	4 1/4	908.71
4 1/2	110.90	4 1/2	534.07	4 1/2	916.38
4 3/4	116.29	4 3/4	542.15	4 3/4	924.04
5	121.68	5	550.24	5	931.71
5 1/4	127.07	5 1/4	558.32	5 1/4	939.38
5 1/2	132.46	5 1/2	566.41	5 1/2	947.04
5 3/4	137.85	5 3/4	574.49	5 3/4	954.71
6	143.24	6	582.58	6	962.38
6 1/4	148.63	6 1/4	590.66	6 1/4	970.04
6 1/2	154.02	6 1/2	598.75	6 1/2	977.71
6 3/4	159.41	6 3/4	606.83	6 3/4	985.38
7	164.80	7	614.92	7	993.04
7 1/4	170.19	7 1/4	623.00	7 1/4	1000.71
7 1/2	175.58	7 1/2	631.09	7 1/2	1008.38
7 3/4	180.97	7 3/4	639.17	7 3/4	1016.04
8	186.36	8	647.26	8	1023.71
8 1/4	191.75	8 1/4	655.34	8 1/4	1031.38
8 1/2	197.14	8 1/2	663.43	8 1/2	1039.04
8 3/4	202.53	8 3/4	671.51	8 3/4	1046.71
9	207.92	9	679.60	9	1054.38
9 1/4	213.31	9 1/4	687.68	9 1/4	1062.04
9 1/2	218.70	9 1/2	695.77	9 1/2	1069.71
9 3/4	224.09	9 3/4	703.85	9 3/4	1077.38
10	229.48	10	711.94	10	1085.04
10 1/4	234.87	10 1/4	720.02	10 1/4	1092.71
10 1/2	240.26	10 1/2	728.11	10 1/2	1100.38
10 3/4	245.65	10 3/4	736.19	10 3/4	1108.04
11	251.04	11	744.28	11	1115.71
11 1/4	256.43	11 1/4	752.36	11 1/4	1123.38
11 1/2	261.82	11 1/2	760.45	11 1/2	1131.04
11 3/4	267.21	11 3/4	768.53	11 3/4	1138.71
12	272.60	12	776.62	12	1146.38
12 1/4	277.99	12 1/4	784.70	12 1/4	1154.04
12 1/2	283.38	12 1/2	792.79	12 1/2	1161.71
12 3/4	288.77	12 3/4	800.87	12 3/4	1169.38
13	294.16	13	808.96	13	1177.04
13 1/4	299.55	13 1/4	817.04	13 1/4	1184.71
13 1/2	304.94	13 1/2	825.13	13 1/2	1192.38
13 3/4	310.33	13 3/4	833.21	13 3/4	1200.04
14	315.72	14	841.30	14	1207.71
14 1/4	321.11	14 1/4	849.38	14 1/4	1215.38
14 1/2	326.50	14 1/2	857.47	14 1/2	1223.04
14 3/4	331.89	14 3/4	865.55	14 3/4	1230.71
15	337.28	15	873.64	15	1238.38
15 1/4	342.67	15 1/4	881.72	15 1/4	1246.04
15 1/2	348.06	15 1/2	889.81	15 1/2	1253.71
15 3/4	353.45	15 3/4	897.89	15 3/4	1261.38
16	358.84	16	905.98	16	1269.04
16 1/4	364.23	16 1/4	914.06	16 1/4	1276.71
16 1/2	369.62	16 1/2	922.15	16 1/2	1284.38
16 3/4	375.01	16 3/4	930.23	16 3/4	1292.04
17	380.40	17	938.32	17	1299.71
17 1/4	385.79	17 1/4	946.40	17 1/4	1307.38
17 1/2	391.18	17 1/2	954.49	17 1/2	1315.04
17 3/4	396.57	17 3/4	962.57	17 3/4	1322.71
18	401.96	18	970.66	18	1330.38
18 1/4	407.35	18 1/4	978.74	18 1/4	1338.04
18 1/2	412.74	18 1/2	986.83	18 1/2	1345.71
18 3/4	418.13	18 3/4	994.91	18 3/4	1353.38
19	423.52	19	1003.00	19	1361.04
19 1/4	428.91	19 1/4	1011.08	19 1/4	1368.71
19 1/2	434.30	19 1/2	1019.17	19 1/2	1376.38
19 3/4	439.69	19 3/4	1027.25	19 3/4	1384.04
20	445.08	20	1035.34	20	1391.71
20 1/4	450.47	20 1/4	1043.42	20 1/4	1399.38
20 1/2	455.86	20 1/2	1051.51	20 1/2	1407.04
20 3/4	461.25	20 3/4	1059.59	20 3/4	1414.71
21	466.64	21	1067.68	21	1422.38
21 1/4	472.03	21 1/4	1075.76	21 1/4	1430.04
21 1/2	477.42	21 1/2	1083.85	21 1/2	1437.71
21 3/4	482.81	21 3/4	1091.93	21 3/4	1445.38
22	488.20	22	1100.02	22	1453.04
22 1/4	493.59	22 1/4	1108.10	22 1/4	1460.71
22 1/2	498.98	22 1/2	1116.19	22 1/2	1468.38
22 3/4	504.37	22 3/4	1124.27	22 3/4	1476.04
23	509.76	23	1132.36	23	1483.71
23 1/4	515.15	23 1/4	1140.44	23 1/4	1491.38
23 1/2	520.54	23 1/2	1148.53	23 1/2	1499.04
23 3/4	525.93	23 3/4	1156.61	23 3/4	1506.71
24	531.32	24	1164.70	24	1514.38
24 1/4	536.71	24 1/4	1172.78	24 1/4	1522.04
24 1/2	542.10	24 1/2	1180.87	24 1/2	1529.71
24 3/4	547.49	24 3/4	1188.95	24 3/4	1537.38
25	552.88	25	1197.04	25	1545.04
25 1/4	558.27	25 1/4	1205.12	25 1/4	1552.71
25 1/2	563.66	25 1/2	1213.21	25 1/2	1560.38
25 3/4	569.05	25 3/4	1221.29	25 3/4	1568.04
26	574.44	26	1229.38	26	1575.71
26 1/4	579.83	26 1/4	1237.46	26 1/4	1583.38
26 1/2	585.22	26 1/2	1245.55	26 1/2	1591.04
26 3/4	590.61	26 3/4	1253.63	26 3/4	1598.71
27	596.00	27	1261.72	27	1606.38
27 1/4	601.39	27 1/4	1269.80	27 1/4	1614.04
27 1/2	606.78	27 1/2	1277.89	27 1/2	1621.71
27 3/4	612.17	27 3/4	1285.97	27 3/4	1629.38
28	617.56	28	1294.06	28	1637.04
28 1/4	622.95	28 1/4	1302.14	28 1/4	1644.71
28 1/2	628.34	28 1/2	1310.23	28 1/2	1652.38
28 3/4	633.73	28 3/4	1318.31	28 3/4	1660.04
29	639.12	29	1326.40	29	1667.71
29 1/4	644.51	29 1/4	1334.48	29 1/4	1675.38
29 1/2	649.90	29 1/2	1342.57	29 1/2	1683.04
29 3/4	655.29	29 3/4	1350.65	29 3/4	1690.71
30	660.68	30	1358.74	30	1698.38
30 1/4	666.07	30 1/4	1366.82	30 1/4	1706.04
30 1/2	671.46	30 1/2	1374.91	30 1/2	1713.71
30 3/4	676.85	30 3/4	1382.99	30 3/4	1721.38
31	682.24	31	1391.08	31	1729.04
31 1/4	687.63	31 1/4	1399.16	31 1/4	1736.71
31 1/2	693.02	31 1/2	1407.25	31 1/2	1744.38
31 3/4	698.41	31 3/4	1415.33	31 3/4	1752.04
32	703.80	32	1423.42	32	1759.71
32 1/4	709.19	32 1/4	1431.50	32 1/4	1767.38
32 1/2	714.58	32 1/2	1439.59	32 1/2	1775.04
32 3/4	719.97	32 3/4	1447.67	32 3/4	1782.71
33	725.36	33	1455.76	33	1790.38
33 1/4	730.75	33 1/4	1463.84	33 1/4	1798.04
33 1/2	736.14	33 1/2	1471.93	33 1/2	1805.71
33 3/4	741.53	33 3/4	1480.01	33 3/4	1813.38
34	746.92	34	1488.10	34	1821.04
34 1/4	752.31	34 1/4	1496.18	34 1/4	1828.71
34 1/2	757.70	34 1/2	1504.27	34 1/2	1836.38
34 3/4	763.09	34 3/4	1512.35	34 3/4	1844.04
35	768.48	35	1520.44	35	1851.71
35 1/4	773.87	35 1/4	1528.52	35 1/4	1859.38
35 1/2	779.26	35 1/2	1536.61	35 1/2	1867.04
35 3/4	784.65	35 3/4	1544.69	35 3/4	1874.71
36	790.04	36	1552.78	36	1882.38
36 1/4	795.43	36 1/4	1560.86	36 1/4	1890.04
36 1/2	800.82	36 1/2	1568.95	36 1/2	1897.71
36 3/4	806.21	36 3/4	1577.03	36 3/4	1905.38
37	811.60	37	1585.12	37	1913.04
37 1/4	816.99	37 1/4	1593.20	37 1/4	1920.71
37 1/2	822.38	37 1/2	1601.29	37 1/2	1928.38
37 3/4	827.77	37 3/4	1609.37	37 3/4	1936.04
38	833.16	38	1617.46	38	1943.71
38 1/4	838.55	38 1/4	1625.54	38 1/4	1951.38
38 1/2	843.94	38 1/2	1633.63	38 1/2	1959.04
38 3/4	849.33	38 3/4	1641.71	38 3/4	1966.71
39	854.72	39	1649.80	39	1974.38
39 1/4	860.11	39 1/4	1657.88	39 1/4	1982.04
39 1/2	865.50	39 1/2	1665.97	39 1/2	1989.71
39 3/4	870.89	39 3/4	1674.05	39 3/4	1997.38
40	876.28	40	1682.14	40	2005.04
40 1/4	881.67	40 1/4	1690.22	40 1/4	2012.71
40 1/2	887.06	40 1/2	1698.31	40 1/2	2020.38
40 3/4	892.45	40 3/4	1706.39	40 3/4	2028.04
41	897.84	41	1714.48	41	2035.71
41 1/4	903.23	41 1/4	1722.56	41 1/4	2043.38
41 1/2	908.62	41 1/2	1730.65	41 1/2	2051.04
41 3/4	914.01	41 3/4	1738.73	41 3/4	2058.71
42	919.40	42	1746.82	42	2066.38
42 1/4	924.79	42 1/4	1754.90	42 1/4	2074.04
42 1/2	930.18	42 1/2	1763.00	42 1/2	2081.71
42 3/4	935.57	42 3/4	1771.08	42 3/4	2089.38
43	940.96	43	1779.17	43	2097.04



BARGE "EMS 506"

2 PORT 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.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	3,880.08	0	4,280.04	0	4,681.92	0	5,089.88	0	5,494.84	0	5,894.00	0	6,288.36	0	6,687.92	0	7,082.68	0	7,472.64
1/4	3,889.03	1/4	4,277.12	1/4	4,659.84	1/4	5,017.00	1/4	5,347.13	1/4	5,649.83	1/4	5,949.83	1/4	6,247.13	1/4	6,542.68	1/4	6,836.48
1/2	3,897.12	1/2	4,262.21	1/2	4,647.35	1/2	5,002.14	1/2	5,324.14	1/2	5,624.14	1/2	5,924.14	1/2	6,224.14	1/2	6,524.14	1/2	6,824.14
3/4	3,905.20	3/4	4,249.29	3/4	4,632.43	3/4	4,985.28	3/4	5,303.31	3/4	5,603.31	3/4	5,903.31	3/4	6,203.31	3/4	6,503.31	3/4	6,803.31
1	3,913.29	1	4,301.38	1	4,682.78	1	5,035.43	1	5,353.43	1	5,653.43	1	5,953.43	1	6,253.43	1	6,553.43	1	6,853.43
1 1/4	3,921.37	1 1/4	4,309.48	1 1/4	4,690.46	1 1/4	5,046.62	1 1/4	5,364.62	1 1/4	5,664.62	1 1/4	5,964.62	1 1/4	6,264.62	1 1/4	6,564.62	1 1/4	6,864.62
1 1/2	3,929.45	1 1/2	4,317.56	1 1/2	4,698.13	1 1/2	5,052.82	1 1/2	5,370.82	1 1/2	5,670.82	1 1/2	5,970.82	1 1/2	6,270.82	1 1/2	6,570.82	1 1/2	6,870.82
3/2	3,937.54	3/2	4,325.65	3/2	4,705.80	3/2	5,059.72	3/2	5,377.72	3/2	5,677.72	3/2	5,977.72	3/2	6,277.72	3/2	6,577.72	3/2	6,877.72
2	3,945.63	2	4,333.72	2	4,713.47	2	5,068.81	2	5,386.81	2	5,686.81	2	5,986.81	2	6,286.81	2	6,586.81	2	6,886.81
2 1/4	3,953.71	2 1/4	4,341.80	2 1/4	4,721.06	2 1/4	5,079.96	2 1/4	5,397.96	2 1/4	5,697.96	2 1/4	5,997.96	2 1/4	6,297.96	2 1/4	6,597.96	2 1/4	6,897.96
2 1/2	3,961.80	2 1/2	4,349.89	2 1/2	4,728.72	2 1/2	5,088.01	2 1/2	5,406.01	2 1/2	5,706.01	2 1/2	6,006.01	2 1/2	6,306.01	2 1/2	6,606.01	2 1/2	6,906.01
3 1/4	3,969.88	3 1/4	4,357.97	3 1/4	4,736.34	3 1/4	5,097.57	3 1/4	5,415.57	3 1/4	5,715.57	3 1/4	6,015.57	3 1/4	6,315.57	3 1/4	6,615.57	3 1/4	6,915.57
3	3,977.97	3	4,366.06	3	4,743.98	3	5,106.02	3	5,424.02	3	5,724.02	3	6,024.02	3	6,324.02	3	6,624.02	3	6,924.02
3 1/4	3,986.05	3 1/4	4,374.14	3 1/4	4,751.64	3 1/4	5,115.02	3 1/4	5,433.02	3 1/4	5,733.02	3 1/4	6,033.02	3 1/4	6,333.02	3 1/4	6,633.02	3 1/4	6,933.02
3 1/2	3,994.14	3 1/2	4,382.23	3 1/2	4,759.12	3 1/2	5,124.02	3 1/2	5,442.02	3 1/2	5,742.02	3 1/2	6,042.02	3 1/2	6,342.02	3 1/2	6,642.02	3 1/2	6,942.02
4	4,002.22	4	4,390.31	4	4,766.70	4	5,133.03	4	5,451.03	4	5,751.03	4	6,051.03	4	6,351.03	4	6,651.03	4	6,951.03
4 1/4	4,010.31	4 1/4	4,398.40	4 1/4	4,774.28	4 1/4	5,143.03	4 1/4	5,461.03	4 1/4	5,761.03	4 1/4	6,061.03	4 1/4	6,361.03	4 1/4	6,661.03	4 1/4	6,961.03
4 1/2	4,018.39	4 1/2	4,406.47	4 1/2	4,781.81	4 1/2	5,154.95	4 1/2	5,472.95	4 1/2	5,772.95	4 1/2	6,072.95	4 1/2	6,372.95	4 1/2	6,672.95	4 1/2	6,972.95
5 1/4	4,026.48	5 1/4	4,414.56	5 1/4	4,789.34	5 1/4	5,166.95	5 1/4	5,484.95	5 1/4	5,784.95	5 1/4	6,084.95	5 1/4	6,384.95	5 1/4	6,684.95	5 1/4	6,984.95
5 1/2	4,034.57	5 1/2	4,422.65	5 1/2	4,796.87	5 1/2	5,178.91	5 1/2	5,496.91	5 1/2	5,796.91	5 1/2	6,096.91	5 1/2	6,396.91	5 1/2	6,696.91	5 1/2	6,996.91
5 3/4	4,042.65	5 3/4	4,430.73	5 3/4	4,804.41	5 3/4	5,190.87	5 3/4	5,508.87	5 3/4	5,808.87	5 3/4	6,108.87	5 3/4	6,408.87	5 3/4	6,708.87	5 3/4	7,008.87
6 1/4	4,050.74	6 1/4	4,438.81	6 1/4	4,811.89	6 1/4	5,202.78	6 1/4	5,520.78	6 1/4	5,820.78	6 1/4	6,120.78	6 1/4	6,420.78	6 1/4	6,720.78	6 1/4	7,020.78
6 1/2	4,058.82	6 1/2	4,446.87	6 1/2	4,819.38	6 1/2	5,214.88	6 1/2	5,532.88	6 1/2	5,832.88	6 1/2	6,132.88	6 1/2	6,432.88	6 1/2	6,732.88	6 1/2	7,032.88
6 3/4	4,066.91	6 3/4	4,454.91	6 3/4	4,826.87	6 3/4	5,226.84	6 3/4	5,544.84	6 3/4	5,844.84	6 3/4	6,144.84	6 3/4	6,444.84	6 3/4	6,744.84	6 3/4	7,044.84
7 1/4	4,074.99	7 1/4	4,462.96	7 1/4	4,834.35	7 1/4	5,238.82	7 1/4	5,556.82	7 1/4	5,856.82	7 1/4	6,156.82	7 1/4	6,456.82	7 1/4	6,756.82	7 1/4	7,056.82
7 1/2	4,083.08	7 1/2	4,471.04	7 1/2	4,841.79	7 1/2	5,250.82	7 1/2	5,568.82	7 1/2	5,868.82	7 1/2	6,168.82	7 1/2	6,468.82	7 1/2	6,768.82	7 1/2	7,068.82
7 3/4	4,091.16	7 3/4	4,479.12	7 3/4	4,849.23	7 3/4	5,262.82	7 3/4	5,580.82	7 3/4	5,880.82	7 3/4	6,180.82	7 3/4	6,480.82	7 3/4	6,780.82	7 3/4	7,080.82
8 1/4	4,099.25	8 1/4	4,487.21	8 1/4	4,856.87	8 1/4	5,274.82	8 1/4	5,592.82	8 1/4	5,892.82	8 1/4	6,192.82	8 1/4	6,492.82	8 1/4	6,792.82	8 1/4	7,092.82
8 1/2	4,107.33	8 1/2	4,495.29	8 1/2	4,864.11	8 1/2	5,286.82	8 1/2	5,604.82	8 1/2	5,904.82	8 1/2	6,204.82	8 1/2	6,504.82	8 1/2	6,804.82	8 1/2	7,104.82
8 3/4	4,115.42	8 3/4	4,503.37	8 3/4	4,871.81	8 3/4	5,298.82	8 3/4	5,616.82	8 3/4	5,916.82	8 3/4	6,216.82	8 3/4	6,516.82	8 3/4	6,816.82	8 3/4	7,116.82
9 1/4	4,123.50	9 1/4	4,511.45	9 1/4	4,879.90	9 1/4	5,310.82	9 1/4	5,628.82	9 1/4	5,928.82	9 1/4	6,228.82	9 1/4	6,528.82	9 1/4	6,828.82	9 1/4	7,128.82
9 1/2	4,131.59	9 1/2	4,519.53	9 1/2	4,887.98	9 1/2	5,322.82	9 1/2	5,640.82	9 1/2	5,940.82	9 1/2	6,240.82	9 1/2	6,540.82	9 1/2	6,840.82	9 1/2	7,140.82
9 3/4	4,139.67	9 3/4	4,527.61	9 3/4	4,895.99	9 3/4	5,334.82	9 3/4	5,652.82	9 3/4	5,952.82	9 3/4	6,252.82	9 3/4	6,552.82	9 3/4	6,852.82	9 3/4	7,152.82
10 1/4	4,147.75	10 1/4	4,535.69	10 1/4	4,904.03	10 1/4	5,346.82	10 1/4	5,664.82	10 1/4	5,964.82	10 1/4	6,264.82	10 1/4	6,564.82	10 1/4	6,864.82	10 1/4	7,164.82
10 1/2	4,155.84	10 1/2	4,543.77	10 1/2	4,912.08	10 1/2	5,358.82	10 1/2	5,676.82	10 1/2	5,976.82	10 1/2	6,276.82	10 1/2	6,576.82	10 1/2	6,876.82	10 1/2	7,176.82
10 3/4	4,163.93	10 3/4	4,551.85	10 3/4	4,920.16	10 3/4	5,370.82	10 3/4	5,688.82	10 3/4	5,988.82	10 3/4	6,288.82	10 3/4	6,588.82	10 3/4	6,888.82	10 3/4	7,188.82
11 1/4	4,172.01	11 1/4	4,559.93	11 1/4	4,928.24	11 1/4	5,382.82	11 1/4	5,700.82	11 1/4	6,000.82	11 1/4	6,300.82	11 1/4	6,600.82	11 1/4	6,900.82	11 1/4	7,200.82
11 1/2	4,180.10	11 1/2	4,568.01	11 1/2	4,936.32	11 1/2	5,394.82	11 1/2	5,712.82	11 1/2	6,012.82	11 1/2	6,312.82	11 1/2	6,612.82	11 1/2	6,912.82	11 1/2	7,212.82
11 3/4	4,188.18	11 3/4	4,576.09	11 3/4	4,944.40	11 3/4	5,406.82	11 3/4	5,724.82	11 3/4	6,024.82	11 3/4	6,324.82	11 3/4	6,624.82	11 3/4	6,924.82	11 3/4	7,224.82
12 1/4	4,196.27	12 1/4	4,584.17	12 1/4	4,952.48	12 1/4	5,418.82	12 1/4	5,736.82	12 1/4	6,036.82	12 1/4	6,336.82	12 1/4	6,636.82	12 1/4	6,936.82	12 1/4	7,236.82
12 1/2	4,204.35	12 1/2	4,592.25	12 1/2	4,960.56	12 1/2	5,430.82	12 1/2	5,748.82	12 1/2	6,048.82	12 1/2	6,348.82	12 1/2	6,648.82	12 1/2	6,948.82	12 1/2	7,248.82
12 3/4	4,212.44	12 3/4	4,600.33	12 3/4	4,968.64	12 3/4	5,442.82	12 3/4	5,760.82	12 3/4	6,060.82	12 3/4	6,360.82	12 3/4	6,660.82	12 3/4	6,960.82	12 3/4	7,260.82
13 1/4	4,220.52	13 1/4	4,608.41	13 1/4	4,976.72	13 1/4	5,454.82	13 1/4	5,772.82	13 1/4	6,072.82	13 1/4	6,372.82	13 1/4	6,672.82	13 1/4	6,972.82	13 1/4	7,272.82
13 1/2	4,228.61	13 1/2	4,616.49	13 1/2	4,984.80	13 1/2	5,466.82	13 1/2	5,784.82	13 1/2	6,084.82	13 1/2	6,384.82	13 1/2	6,684.82	13 1/2	6,984.82	13 1/2	7,284.82
13 3/4	4,236.70	13 3/4	4,624.57	13 3/4	4,992.88	13 3/4	5,478.82	13 3/4	5,796.82	13 3/4	6,096.82	13 3/4	6,396.82	13 3/4	6,696.82	13 3/4	6,996.82	13 3/4	7,296.82
14 1/4	4,244.78	14 1/4	4,632.65	14 1/4	5,000.96	14 1/4	5,490.82	14 1/4	5,808.82	14 1/4	6,108.82	14 1/4	6,408.82	14 1/4	6,708.82	14 1/4	7,008.82	14 1/4	7,308.82
14 1/2	4,252.87	14 1/2	4,640.73	14 1/2	5,009.04	14 1/2	5,502.82	14 1/2	5,820.82	14 1/2	6,118.82	14 1/2	6,418.82	14 1/2	6,718.82	14 1/2	7,018.82	14 1/2	7,318.82
14 3/4	4,260.95	14 3/4	4,648.81	14 3/4	5,017.12	14 3/4	5,514.82	14 3/4	5,832.82	14 3/4	6,130.82	14 3/4	6,430.82	14 3/4	6,730.82	14 3/4	7,030.82	14 3/4	7,330.82

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BARGE "EMS 506"

2 STBD INNAGE TABLE

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.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.	23 FT.	24 FT.	25 FT.	26 FT.	27 FT.	28 FT.	29 FT.	30 FT.	31 FT.	32 FT.	33 FT.	34 FT.	35 FT.	36 FT.	37 FT.	38 FT.	39 FT.	40 FT.	41 FT.	42 FT.	43 FT.	44 FT.	45 FT.	46 FT.	47 FT.	48 FT.	49 FT.	50 FT.	51 FT.	52 FT.	53 FT.	54 FT.	55 FT.	56 FT.	57 FT.	58 FT.	59 FT.	60 FT.	61 FT.	62 FT.	63 FT.	64 FT.	65 FT.	66 FT.	67 FT.	68 FT.	69 FT.	70 FT.	71 FT.	72 FT.	73 FT.	74 FT.	75 FT.	76 FT.	77 FT.	78 FT.	79 FT.	80 FT.	81 FT.	82 FT.	83 FT.	84 FT.	85 FT.	86 FT.	87 FT.	88 FT.	89 FT.	90 FT.	91 FT.	92 FT.	93 FT.	94 FT.	95 FT.	96 FT.	97 FT.	98 FT.	99 FT.	100 FT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0	13.05	0	389.08	0	777.87	0	1,165.89	0	1,553.91	0	1,941.93	0	2,329.95	0	2,717.97	0	3,105.99	0	3,493.99	0	3,881.99	0	4,269.99	0	4,657.99	0	5,045.99	0	5,433.99	0	5,821.99	0	6,209.99	0	6,597.99	0	6,985.99	0	7,373.99	0	7,761.99	0	8,149.99	0	8,537.99	0	8,925.99	0	9,313.99	0	9,701.99	0	10,089.99	0	10,477.99	0	10,865.99	0	11,253.99	0	11,641.99	0	12,029.99	0	12,417.99	0	12,805.99	0	13,193.99	0	13,581.99	0	13,969.99	0	14,357.99	0	14,745.99	0	15,133.99	0	15,521.99	0	15,909.99	0	16,297.99	0	16,685.99	0	17,073.99	0	17,461.99	0	17,849.99	0	18,237.99	0	18,625.99	0	19,013.99	0	19,401.99	0	19,789.99	0	20,177.99	0	20,565.99	0	20,953.99	0	21,341.99	0	21,729.99	0	22,117.99	0	22,505.99	0	22,893.99	0	23,281.99	0	23,669.99	0	24,057.99	0	24,445.99	0	24,833.99	0	25,221.99	0	25,609.99	0	25,997.99	0	26,385.99	0	26,773.99	0	27,161.99	0	27,549.99	0	27,937.99	0	28,325.99	0	28,713.99	0	29,101.99	0	29,489.99	0	29,877.99	0	30,265.99	0	30,653.99	0	31,041.99	0	31,429.99	0	31,817.99	0	32,205.99	0	32,593.99	0	32,981.99	0	33,369.99	0	33,757.99	0	34,145.99	0	34,533.99	0	34,921.99	0	35,309.99	0	35,697.99	0	36,085.99	0	36,473.99	0	36,861.99	0	37,249.99	0	37,637.99	0	38,025.99	0	38,413.99	0	38,801.99	0	39,189.99	0	39,577.99	0	39,965.99	0	40,353.99	0	40,741.99	0	41,129.99	0	41,517.99	0	41,905.99	0	42,293.99	0	42,681.99	0	43,069.99	0	43,457.99	0	43,845.99	0	44,233.99	0	44,621.99	0	45,009.99	0	45,397.99	0	45,785.99	0	46,173.99	0	46,561.99	0	46,949.99	0	47,337.99	0	47,725.99	0	48,113.99	0	48,501.99	0	48,889.99	0	49,277.99	0	49,665.99	0	50,053.99	0	50,441.99	0	50,829.99	0	51,217.99	0	51,605.99	0	51,993.99	0	52,381.99	0	52,769.99	0	53,157.99	0	53,545.99	0	53,933.99	0	54,321.99	0	54,709.99	0	55,097.99	0	55,485.99	0	55,873.99	0	56,261.99	0	56,649.99	0	57,037.99	0	57,425.99	0	57,813.99	0	58,201.99	0	58,589.99	0	58,977.99	0	59,365.99	0	59,753.99	0	60,141.99	0	60,529.99	0	60,917.99	0	61,305.99	0	61,693.99	0	62,081.99	0	62,469.99	0	62,857.99	0	63,245.99	0	63,633.99	0	64,021.99	0	64,409.99	0	64,797.99	0	65,185.99	0	65,573.99	0	65,961.99	0	66,349.99	0	66,737.99	0	67,125.99	0	67,513.99	0	67,901.99	0	68,289.99	0	68,677.99	0	69,065.99	0	69,453.99	0	69,841.99	0	70,229.99	0	70,617.99	0	71,005.99	0	71,393.99	0	71,781.99	0	72,169.99	0	72,557.99	0	72,945.99	0	73,333.99	0	73,721.99	0	74,109.99	0	74,497.99	0	74,885.99	0	75,273.99	0	75,661.99	0	76,049.99	0	76,437.99	0	76,825.99	0	77,213.99	0	77,601.99	0	77,989.99	0	78,377.99	0	78,765.99	0	79,153.99	0	79,541.99	0	79,929.99	0	80,317.99	0	80,705.99	0	81,093.99	0	81,481.99	0	81,869.99	0	82,257.99	0	82,645.99	0	83,033.99	0	83,421.99	0	83,809.99	0	84,197.99	0	84,585.99	0	84,973.99	0	85,361.99	0	85,749.99	0	86,137.99	0	86,525.99	0	86,913.99	0	87,301.99	0	87,689.99	0	88,077.99	0	88,465.99	0	88,853.99	0	89,241.99	0	89,629.99	0	90,017.99	0	90,405.99	0	90,793.99	0	91,181.99	0	91,569.99	0	91,957.99	0	92,345.99	0	92,733.99	0	93,121.99	0	93,509.99	0	93,897.99	0	94,285.99	0	94,673.99	0	95,061.99	0	95,449.99	0	95,837.99	0	96,225.99	0	96,613.99	0	97,001.99	0	97,389.99	0	97,777.99	0	98,165.99	0	98,553.99	0	98,941.99	0	99,329.99	0	99,717.99	0	100,105.99	0	100,493.99	0	100,881.99	0	101,269.99	0	101,657.99	0	102,045.99	0	102,433.99	0	102,821.99	0	103,209.99	0	103,597.99	0	103,985.99	0	104,373.99	0	104,761.99	0	105,149.99	0	105,537.99	0	105,925.99	0	106,313.99	0	106,701.99	0	107,089.99	0	107,477.99	0	107,865.99	0	108,253.99	0	108,641.99	0	109,029.99	0	109,417.99	0	109,805.99	0	110,193.99	0	110,581.99	0	110,969.99	0	111,357.99	0	111,745.99	0	112,133.99	0	112,521.99	0	112,909.99	0	113,297.99	0	113,685.99	0	114,073.99	0	114,461.99	0	114,849.99	0	115,237.99	0	115,625.99	0	116,013.99	0	116,401.99	0	116,789.99	0	117,177.99	0	117,565.99	0	117,953.99	0	118,341.99	0	118,729.99	0	119,117.99	0	119,505.99	0	119,893.99	0	120,281.99	0	120,669.99	0	121,057.99	0	121,445.99	0	121,833.99	0	122,221.99	0	122,609.99	0	122,997.99	0	123,385.99	0	123,773.99	0	124,161.99	0	124,549.99	0	124,937.99	0	125,325.99	0	125,713.99	0	126,101.99	0	126,489.99	0	126,877.99	0	127,265.99	0	127,653.99	0	128,041.99	0	128,429.99	0	128,817.99	0	129,205.99	0	129,593.99	0	129,981.99	0	130,369.99	0	130,757.99	0	131,145.99	0	131,533.99	0	131,921.99	0	132,309.99	0	132,697.99	0	133,085.99	0	133,473.99	0	133,861.99	0	134,249.99	0	134,637.99	0	135,025.99	0	135,413.99	0	135,801.99	0	136,189.99	0	136,577.99	0	136,965.99	0	137,353.99	0	137,741.99	0	138,129.99	0	138,517.99	0	138,905.99	0	139,293.99	0	139,681.99	0	140,069.99	0	140,457.99	0	140,845.99	0	141,233.99	0	141,621.99	0	142,009.99	0	142,397.99	0	142,785.99	0	143,173.99	0	143,561.99	0	143,949.99	0	144,337.99	0	144,725.99	0	145,113.99	0	145,501.99	0	145,889.99	0	146,277.99	0	146,665.99	0	147,053.99	0	147,441.99	0	147,829.99	0	148,217.99	0	148,605.99	0	148,993.99	0	149,381.99	0	149,769.99	0	150,157.99	0	150,545.99	0	150,933.99	0	151,321.99	0	151,709.99	0	152,097.99	0	152,485.99	0	152,873.99	0	153,261.99	0	153,649.99	0	154,037.99	0	154,425.99	0	154,813.99	0	155,201.99	0	155,589.99	0	155,977.99	0	156,365.99	0	156,753.99	0	157,141.99	0	157,529.99	0	157,917.99	0	158,305.99	0	158,693.99	0	159,081.99	0	159,469.99	0	159,857.99	0	160,245.99	0	160,633.99	0	161,021.99	0	161,409.99	0	161,797.99	0	162,185.99	0	162,573.99	0	162,961.99	0	163,349.99	0	163,737.99	0	164,125.99	0	164,513.99	0	164,901.99	0	165,289.99	0	165,677.99	0	166,065.99	0	166,453.99	0	166,841.99	0	167,229.99	0	167,617.99	0	168,005.99	0	168,393.99	0	168,781.99	0	169,169.99	0	169,557.99	0	169,945.99	0	170,333.99	0	170,721.99	0	171,109.99	0	171,497.99	0	171,885.99	0	172,273.99	0	172,661.99	0	173,049.99	0	173,437.99	0	173,825.99	0	174,213.99	0	174,601.99	0	174,989.99	0	175,377.99	0	175,765.99	0	176,153.99	0	176,541.99	0	176,929.99	0	177,317.99	0	177,705.99	0	178,093.99	0	178,481.99	0	178,869.99	0	179,257.99	0	179,645.99	0	180,033.99	0	180,421.99	0	180,809.99	0	181,197.99	0	181,585.99	0	181,973.99	0	182,361.99	0	182,749.99	0	183,137.99	0	183,525.99	0	183,913.99	0	184,301.99	0	184,689.99	0	185,077.99	0	185,465.99	0	185,853.99	0	186,241.99	0	186,629.99	0	187,017.99	0	187,405.99	0	187,793.99	0	188,181.99	0	188,569.99	0	188,957.99	0	189,345.99	0	189,733.99	0	190,121.99	0	190,509.99	0	190,897.99	0	191,285.99	0	191,673.99	0	192,061.99	0	192,449.99	0	192,837.99	0	193,225.99	0	193,613.99	0	194,001.99	0	194,389.99	0	194,777.99	0	195,165.99	0	195,553.99	0	195,941.99	0	196,329.99	0	196,717.99	0	197,105.99	0	197,493.99	0	197,881.99	0	198,269.99	0	198,657.99	0	199,045.99	0	199,433.99	0	199,821.99	0	200,209.99	0	200,597.99	0	200,985.99	0	201,373.99	0	201,761.99	0	202,149.99	0	202,537.99	0	202,925.99	0	203,313.99	0	203,701.99	0	204,089.99	0	204,477.99	0	204,865.99	0	205,253.99	0	205,641.99	0	206,029.99	0	206,417.99	0	206,805.99	0	207,193.99	0	207,581.99	0	207,969.99	0	208,357.99	0	208,745.99	0	209,133.99	0	209,521.99	0	209,909.99	0	210,297.99	0	210,685.99	0	211,073.99	0	211,461.99	0	211,849.99	0	212,237.99	0	212,625.99	0	213,013.99	0	213,401.99	0	213,789.99	0	214,177.99	0	214,565.99	0	214,953.99	0



BARGE "EMS 506"

2 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,659.63	0	4,268.14	0	4,841.64	0	5,000.01	0	5,331.33	0	5,635.26	0	5,910.00	0	6,156.00	0	6,375.00	0	6,567.50
1/4	3,677.53	1/4	4,286.23	1/4	4,849.27	1/4	5,007.16	1/4	5,337.89	1/4	5,641.19	1/4	5,915.93	1/4	6,161.93	1/4	6,380.93	1/4	6,573.43
1/2	3,695.72	1/2	4,304.33	1/2	4,867.37	1/2	5,025.16	1/2	5,355.89	1/2	5,649.19	1/2	5,923.93	1/2	6,169.93	1/2	6,388.93	1/2	6,581.43
3/4	3,693.82	3/4	4,292.43	3/4	4,854.72	3/4	5,012.47	3/4	5,343.04	3/4	5,636.04	3/4	5,910.78	3/4	6,156.78	3/4	6,375.78	3/4	6,568.28
1	3,901.91	1	4,290.52	1	4,872.45	1	5,020.62	1	5,357.64	1	5,650.99	1	5,925.73	1	6,171.73	1	6,390.73	1	6,583.23
1 1/4	3,910.01	1 1/4	4,298.62	1 1/4	4,880.13	1 1/4	5,036.73	1 1/4	5,364.19	1 1/4	5,657.53	1 1/4	5,932.27	1 1/4	6,178.27	1 1/4	6,397.27	1 1/4	6,590.27
1 1/2	3,918.11	1 1/2	4,306.71	1 1/2	4,887.81	1 1/2	5,044.81	1 1/2	5,372.29	1 1/2	5,665.63	1 1/2	5,940.37	1 1/2	6,186.37	1 1/2	6,405.37	1 1/2	6,598.37
3/4	3,926.20	3/4	4,314.81	3/4	4,895.48	3/4	5,052.91	3/4	5,380.37	3/4	5,673.73	3/4	5,950.47	3/4	6,194.47	3/4	6,413.47	3/4	6,606.47
2	3,934.30	2	4,322.91	2	4,903.17	2	5,061.01	2	5,388.47	2	5,681.89	2	5,958.63	2	6,202.63	2	6,421.63	2	6,614.63
2 1/4	3,942.39	2 1/4	4,331.00	2 1/4	4,910.81	2 1/4	5,069.11	2 1/4	5,396.57	2 1/4	5,689.99	2 1/4	5,966.73	2 1/4	6,210.73	2 1/4	6,429.73	2 1/4	6,622.73
2 1/2	3,950.49	2 1/2	4,339.10	2 1/2	4,918.44	2 1/2	5,077.16	2 1/2	5,404.66	2 1/2	5,698.09	2 1/2	5,974.83	2 1/2	6,218.83	2 1/2	6,437.83	2 1/2	6,630.83
3/4	3,958.59	3/4	4,347.19	3/4	4,926.08	3/4	5,085.26	3/4	5,412.77	3/4	5,705.21	3/4	5,981.45	3/4	6,226.95	3/4	6,445.95	3/4	6,638.95
3	3,966.68	3	4,355.28	3	4,933.72	3	5,093.32	3	5,420.87	3	5,713.30	3	5,989.54	3	6,235.04	3	6,454.04	3	6,647.04
3 1/4	3,974.78	3 1/4	4,363.38	3 1/4	4,941.81	3 1/4	5,101.42	3 1/4	5,428.97	3 1/4	5,721.41	3 1/4	5,997.69	3 1/4	6,243.14	3 1/4	6,462.14	3 1/4	6,655.14
3 1/2	3,982.87	3 1/2	4,371.48	3 1/2	4,949.89	3 1/2	5,109.52	3 1/2	5,437.07	3 1/2	5,729.52	3 1/2	6,005.80	3 1/2	6,251.24	3 1/2	6,470.24	3 1/2	6,663.24
3/4	3,990.97	3/4	4,379.58	3/4	4,957.98	3/4	5,117.62	3/4	5,445.17	3/4	5,737.61	3/4	6,013.89	3/4	6,259.34	3/4	6,478.34	3/4	6,671.34
4	4,007.16	4	4,387.67	4	4,966.06	4	5,125.71	4	5,453.26	4	5,745.70	4	6,021.98	4	6,267.44	4	6,486.44	4	6,679.44
4 1/4	4,015.26	4 1/4	4,395.76	4 1/4	4,974.16	4 1/4	5,133.81	4 1/4	5,461.35	4 1/4	5,753.79	4 1/4	6,029.07	4 1/4	6,275.57	4 1/4	6,494.57	4 1/4	6,687.57
4 1/2	4,023.35	4 1/2	4,403.84	4 1/2	4,982.24	4 1/2	5,141.91	4 1/2	5,469.44	4 1/2	5,761.88	4 1/2	6,037.10	4 1/2	6,283.60	4 1/2	6,502.60	4 1/2	6,695.60
3/4	4,031.45	3/4	4,411.92	3/4	4,990.33	3/4	5,150.01	3/4	5,477.53	3/4	5,769.97	3/4	6,045.19	3/4	6,291.69	3/4	6,510.69	3/4	6,703.69
5	4,039.55	5	4,420.01	5	4,998.42	5	5,158.11	5	5,485.62	5	5,778.06	5	6,053.28	5	6,300.78	5	6,515.78	5	6,707.78
5 1/4	4,047.64	5 1/4	4,428.08	5 1/4	5,006.51	5 1/4	5,166.20	5 1/4	5,493.71	5 1/4	5,786.15	5 1/4	6,061.37	5 1/4	6,308.87	5 1/4	6,523.87	5 1/4	6,715.87
5 1/2	4,055.74	5 1/2	4,436.17	5 1/2	5,014.60	5 1/2	5,174.29	5 1/2	5,501.80	5 1/2	5,794.24	5 1/2	6,069.46	5 1/2	6,316.96	5 1/2	6,531.96	5 1/2	6,723.96
3/4	4,063.83	3/4	4,444.26	3/4	5,022.69	3/4	5,182.38	3/4	5,509.90	3/4	5,802.34	3/4	6,077.50	3/4	6,325.00	3/4	6,540.00	3/4	6,731.00
6	4,071.93	6	4,452.35	6	5,030.78	6	5,190.47	6	5,517.99	6	5,810.45	6	6,085.61	6	6,333.11	6	6,548.11	6	6,739.11
6 1/4	4,080.03	6 1/4	4,460.44	6 1/4	5,038.87	6 1/4	5,198.56	6 1/4	5,526.08	6 1/4	5,818.54	6 1/4	6,093.70	6 1/4	6,341.20	6 1/4	6,556.20	6 1/4	6,747.20
6 1/2	4,088.12	6 1/2	4,468.53	6 1/2	5,046.96	6 1/2	5,206.65	6 1/2	5,534.19	6 1/2	5,826.65	6 1/2	6,101.82	6 1/2	6,349.32	6 1/2	6,564.32	6 1/2	6,755.32
3/4	4,096.22	3/4	4,476.62	3/4	5,055.05	3/4	5,214.74	3/4	5,542.26	3/4	5,834.72	3/4	6,109.94	3/4	6,357.44	3/4	6,572.44	3/4	6,763.44
7	4,104.31	7	4,484.71	7	5,063.14	7	5,222.83	7	5,550.35	7	5,842.81	7	6,118.03	7	6,365.53	7	6,580.53	7	6,771.53
7 1/4	4,112.41	7 1/4	4,492.80	7 1/4	5,071.23	7 1/4	5,230.92	7 1/4	5,558.44	7 1/4	5,850.90	7 1/4	6,126.12	7 1/4	6,373.62	7 1/4	6,588.62	7 1/4	6,779.62
7 1/2	4,120.51	7 1/2	4,500.90	7 1/2	5,079.32	7 1/2	5,239.01	7 1/2	5,566.53	7 1/2	5,859.00	7 1/2	6,134.22	7 1/2	6,381.72	7 1/2	6,596.72	7 1/2	6,787.72
3/4	4,128.60	3/4	4,509.00	3/4	5,087.41	3/4	5,247.10	3/4	5,574.62	3/4	5,867.09	3/4	6,142.31	3/4	6,389.81	3/4	6,604.81	3/4	6,795.81
8	4,136.70	8	4,517.09	8	5,095.50	8	5,255.19	8	5,582.71	8	5,875.18	8	6,150.42	8	6,397.92	8	6,612.92	8	6,803.92
8 1/4	4,144.79	8 1/4	4,525.18	8 1/4	5,103.59	8 1/4	5,263.28	8 1/4	5,590.80	8 1/4	5,883.27	8 1/4	6,158.53	8 1/4	6,405.03	8 1/4	6,620.03	8 1/4	6,811.03
8 1/2	4,152.89	8 1/2	4,533.27	8 1/2	5,111.68	8 1/2	5,271.37	8 1/2	5,600.90	8 1/2	5,893.37	8 1/2	6,166.64	8 1/2	6,413.14	8 1/2	6,628.14	8 1/2	6,819.14
3/4	4,160.99	3/4	4,541.36	3/4	5,119.77	3/4	5,279.46	3/4	5,608.99	3/4	5,901.46	3/4	6,174.75	3/4	6,421.25	3/4	6,636.25	3/4	6,827.25
9	4,169.08	9	4,549.45	9	5,127.86	9	5,287.55	9	5,617.08	9	5,909.55	9	6,182.86	9	6,430.36	9	6,641.36	9	6,832.36
9 1/4	4,177.18	9 1/4	4,557.54	9 1/4	5,135.95	9 1/4	5,295.64	9 1/4	5,625.17	9 1/4	5,917.64	9 1/4	6,190.95	9 1/4	6,438.45	9 1/4	6,649.45	9 1/4	6,840.45
9 1/2	4,185.27	9 1/2	4,565.63	9 1/2	5,144.04	9 1/2	5,303.73	9 1/2	5,634.70	9 1/2	5,927.17	9 1/2	6,200.04	9 1/2	6,446.54	9 1/2	6,657.54	9 1/2	6,848.54
3/4	4,193.37	3/4	4,573.72	3/4	5,152.13	3/4	5,311.82	3/4	5,644.79	3/4	5,938.26	3/4	6,208.15	3/4	6,454.65	3/4	6,665.65	3/4	6,856.65
10	4,201.47	10	4,581.81	10	5,160.22	10	5,320.91	10	5,653.88	10	5,947.35	10	6,216.24	10	6,462.74	10	6,673.74	10	6,864.74
10 1/4	4,209.56	10 1/4	4,589.90	10 1/4	5,168.31	10 1/4	5,329.00	10 1/4	5,661.97	10 1/4	5,955.44	10 1/4	6,224.33	10 1/4	6,470.83	10 1/4	6,681.83	10 1/4	6,872.83
10 1/2	4,217.66	10 1/2	4,597.99	10 1/2	5,176.40	10 1/2	5,337.09	10 1/2	5,670.06	10 1/2	5,963.53	10 1/2	6,232.42	10 1/2	6,478.92	10 1/2	6,689.92	10 1/2	6,880.92
3/4	4,225.76	3/4	4,606.08	3/4	5,184.49	3/4	5,345.18	3/4	5,678.15	3/4	5,971.62	3/4	6,240.51	3/4	6,487.01	3/4	6,698.01	3/4	6,889.01
11	4,233.85	11	4,614.17	11	5,192.58	11	5,353.27	11	5,686.24	11	5,979.71	11	6,248.60	11	6,495.10	11	6,706.10	11	6,897.10
11 1/4	4,241.95	11 1/4	4,622.26	11 1/4	5,200.67	11 1/4	5,361.36	11 1/4	5,694.33	11 1/4	5,987.80	11 1/4	6,256.69	11 1/4	6,503.19	11 1/4	6,714.19	11 1/4	6,905.19
11 1/2	4,250.04	11 1/2	4,630.35	11 1/2	5,208.76	11 1/2	5,369.45	11 1/2	5,702.42	11 1/2	6,000.89	11 1/2	6,264.78	11 1/2	6,511.28	11 1/2	6,722.28	11 1/2	6,913.28
3/4	4,258.14	3/4	4,638.44	3/4	5,216.85	3/4	5,377.54	3/4	5,710.51	3/4	6,003.98	3/4	6,272.87	3/4	6,519.37	3/4	6,730.37	3/4	6,921.37

STRAPPED: 03/27/2019 BW - JB
CALCULATED: 03/27/2019 CL
PRINTED: 03/28/2019 JB

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2892
Portland, Maine 04108
TEL: (207) 766-1144

For J. [Signature]

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.



BARGE "EMS 506"

3 PORT INNAGE TABLE

CAPACITIES SHOWN 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.		GAUGE HEIGHT 16'-04 3/4"	
IN	0 FT.	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	13.02	0	392.23	0	723.78	0	1,085.10	0	1,448.88	0	1,812.66	0	2,176.44	0	2,540.22	0	2,904.00	0	3,267.78	0	3,631.56
1/4	18.04	1/4	399.77	1/4	731.30	1/4	1,092.63	1/4	1,456.41	1/4	1,820.19	1/4	2,183.97	1/4	2,547.75	1/4	2,911.53	1/4	3,275.31	1/4	3,639.09
1/2	23.07	1/2	407.30	1/2	738.82	1/2	1,100.17	1/2	1,463.95	1/2	1,827.73	1/2	2,191.51	1/2	2,555.29	1/2	2,919.07	1/2	3,282.85	1/2	3,646.63
3/4	28.09	3/4	414.84	3/4	746.35	3/4	1,107.71	3/4	1,471.49	3/4	1,835.27	3/4	2,199.05	3/4	2,562.83	3/4	2,926.61	3/4	3,290.39	3/4	3,654.17
1	33.12	1	392.38	1	753.88	1	1,115.28	1	1,479.06	1	1,842.84	1	2,206.62	1	2,570.40	1	2,934.18	1	3,297.96	1	3,661.74
1 1/4	40.03	1 1/4	399.91	1 1/4	761.38	1 1/4	1,122.78	1 1/4	1,486.56	1 1/4	1,850.34	1 1/4	2,214.12	1 1/4	2,577.90	1 1/4	2,941.68	1 1/4	3,305.46	1 1/4	3,669.24
1 1/2	46.94	1 1/2	407.48	1 1/2	768.88	1 1/2	1,130.32	1 1/2	1,494.10	1 1/2	1,857.88	1 1/2	2,221.66	1 1/2	2,585.44	1 1/2	2,949.02	1 1/2	3,312.80	1 1/2	3,676.58
1 3/4	53.84	1 3/4	414.98	1 3/4	776.40	1 3/4	1,137.86	1 3/4	1,498.64	1 3/4	1,865.42	1 3/4	2,229.20	1 3/4	2,592.78	1 3/4	2,956.26	1 3/4	3,320.04	1 3/4	3,683.62
2	60.76	2	422.42	2	783.91	2	1,145.39	2	1,507.18	2	1,869.96	2	2,231.74	2	2,594.52	2	2,957.30	2	3,320.08	2	3,683.66
2 1/4	68.29	2 1/4	430.06	2 1/4	791.43	2 1/4	1,152.93	2 1/4	1,514.71	2 1/4	1,877.49	2 1/4	2,239.27	2 1/4	2,602.05	2 1/4	2,964.83	2 1/4	3,327.61	2 1/4	3,690.39
2 1/2	75.83	2 1/2	437.60	2 1/2	798.94	2 1/2	1,160.47	2 1/2	1,522.25	2 1/2	1,885.03	2 1/2	2,246.81	2 1/2	2,609.59	2 1/2	2,972.37	2 1/2	3,334.75	2 1/2	3,697.53
2 3/4	83.36	2 3/4	445.13	2 3/4	806.48	2 3/4	1,168.01	2 3/4	1,529.79	2 3/4	1,892.57	2 3/4	2,254.35	2 3/4	2,617.13	2 3/4	2,979.91	2 3/4	3,341.83	2 3/4	3,704.61
3	90.80	3	452.67	3	813.98	3	1,175.54	3	1,537.32	3	1,899.10	3	2,261.88	3	2,624.66	3	2,987.45	3	3,348.91	3	3,711.69
3 1/4	98.44	3 1/4	460.21	3 1/4	821.48	3 1/4	1,183.08	3 1/4	1,544.86	3 1/4	1,906.64	3 1/4	2,269.42	3 1/4	2,632.20	3 1/4	2,994.99	3 1/4	3,356.00	3 1/4	3,718.78
3 1/2	106.07	3 1/2	467.78	3 1/2	828.01	3 1/2	1,190.62	3 1/2	1,552.40	3 1/2	1,914.18	3 1/2	2,276.98	3 1/2	2,639.76	3 1/2	3,002.57	3 1/2	3,363.10	3 1/2	3,725.88
3 3/4	113.61	3 3/4	475.28	3 3/4	834.54	3 3/4	1,198.15	3 3/4	1,559.94	3 3/4	1,921.72	3 3/4	2,284.56	3 3/4	2,647.14	3 3/4	3,010.15	3 3/4	3,369.63	3 3/4	3,732.96
4	121.05	4	482.82	4	841.04	4	1,205.69	4	1,567.47	4	1,929.25	4	2,292.03	4	2,654.41	4	3,017.73	4	3,376.16	4	3,739.74
4 1/4	128.59	4 1/4	490.38	4 1/4	848.55	4 1/4	1,213.23	4 1/4	1,575.01	4 1/4	1,936.79	4 1/4	2,299.61	4 1/4	2,661.79	4 1/4	3,025.31	4 1/4	3,383.24	4 1/4	3,746.82
4 1/2	136.12	4 1/2	497.89	4 1/2	856.07	4 1/2	1,220.77	4 1/2	1,582.55	4 1/2	1,944.33	4 1/2	2,307.19	4 1/2	2,669.31	4 1/2	3,032.85	4 1/2	3,390.32	4 1/2	3,753.90
4 3/4	143.66	4 3/4	505.43	4 3/4	863.59	4 3/4	1,228.30	4 3/4	1,590.08	4 3/4	1,951.86	4 3/4	2,314.72	4 3/4	2,676.84	4 3/4	3,040.39	4 3/4	3,397.40	4 3/4	3,760.98
5	151.20	5	512.97	5	871.10	5	1,235.84	5	1,597.62	5	1,959.40	5	2,322.26	5	2,684.34	5	3,047.93	5	3,404.44	5	3,768.06
5 1/4	158.73	5 1/4	520.50	5 1/4	883.63	5 1/4	1,243.38	5 1/4	1,605.16	5 1/4	1,967.94	5 1/4	2,329.80	5 1/4	2,691.88	5 1/4	3,055.47	5 1/4	3,411.52	5 1/4	3,775.14
5 1/2	166.27	5 1/2	528.04	5 1/2	888.18	5 1/2	1,250.91	5 1/2	1,612.73	5 1/2	1,975.48	5 1/2	2,337.34	5 1/2	2,700.42	5 1/2	3,063.01	5 1/2	3,418.60	5 1/2	3,782.22
5 3/4	173.81	5 3/4	535.58	5 3/4	896.80	5 3/4	1,258.45	5 3/4	1,620.23	5 3/4	1,982.01	5 3/4	2,344.88	5 3/4	2,707.96	5 3/4	3,070.55	5 3/4	3,425.68	5 3/4	3,789.30
6	181.34	6	543.11	6	904.31	6	1,265.98	6	1,627.77	6	1,989.58	6	2,352.42	6	2,715.50	6	3,078.09	6	3,432.76	6	3,796.38
6 1/4	188.88	6 1/4	550.65	6 1/4	911.74	6 1/4	1,273.53	6 1/4	1,635.31	6 1/4	1,997.09	6 1/4	2,360.06	6 1/4	2,723.04	6 1/4	3,085.63	6 1/4	3,439.84	6 1/4	3,803.46
6 1/2	196.42	6 1/2	558.19	6 1/2	919.28	6 1/2	1,281.08	6 1/2	1,642.84	6 1/2	2,004.62	6 1/2	2,367.60	6 1/2	2,730.58	6 1/2	3,093.17	6 1/2	3,446.92	6 1/2	3,810.54
6 3/4	203.96	6 3/4	565.73	6 3/4	926.82	6 3/4	1,288.60	6 3/4	1,650.38	6 3/4	2,012.16	6 3/4	2,375.14	6 3/4	2,738.12	6 3/4	3,100.71	6 3/4	3,454.00	6 3/4	3,817.62
7	211.48	7	573.26	7	934.36	7	1,296.14	7	1,657.92	7	2,019.70	7	2,382.68	7	2,745.71	7	3,108.25	7	3,461.08	7	3,824.70
7 1/4	219.03	7 1/4	580.80	7 1/4	941.89	7 1/4	1,303.67	7 1/4	1,665.45	7 1/4	2,027.24	7 1/4	2,389.22	7 1/4	2,753.25	7 1/4	3,115.79	7 1/4	3,468.16	7 1/4	3,831.78
7 1/2	226.56	7 1/2	588.34	7 1/2	949.43	7 1/2	1,311.21	7 1/2	1,672.99	7 1/2	2,034.77	7 1/2	2,396.76	7 1/2	2,760.79	7 1/2	3,123.33	7 1/2	3,475.24	7 1/2	3,838.86
7 3/4	234.10	7 3/4	595.87	7 3/4	956.97	7 3/4	1,318.78	7 3/4	1,680.53	7 3/4	2,042.31	7 3/4	2,404.30	7 3/4	2,768.33	7 3/4	3,130.87	7 3/4	3,482.32	7 3/4	3,845.94
8	241.54	8	603.41	8	964.50	8	1,326.28	8	1,688.07	8	2,049.85	8	2,411.82	8	2,775.86	8	3,138.41	8	3,489.40	8	3,853.02
8 1/4	249.18	8 1/4	610.96	8 1/4	972.04	8 1/4	1,333.82	8 1/4	1,695.60	8 1/4	2,057.39	8 1/4	2,419.36	8 1/4	2,783.40	8 1/4	3,145.95	8 1/4	3,496.48	8 1/4	3,860.10
8 1/2	256.71	8 1/2	618.48	8 1/2	979.58	8 1/2	1,341.36	8 1/2	1,703.14	8 1/2	2,064.92	8 1/2	2,426.90	8 1/2	2,790.94	8 1/2	3,153.49	8 1/2	3,503.56	8 1/2	3,867.18
8 3/4	264.25	8 3/4	626.02	8 3/4	987.12	8 3/4	1,348.90	8 3/4	1,710.68	8 3/4	2,072.46	8 3/4	2,434.44	8 3/4	2,800.48	8 3/4	3,161.03	8 3/4	3,510.64	8 3/4	3,874.26
9	271.79	9	633.58	9	994.66	9	1,356.43	9	1,718.21	9	2,079.99	9	2,441.97	9	2,808.02	9	3,168.57	9	3,517.72	9	3,881.34
9 1/4	279.32	9 1/4	641.08	9 1/4	1,002.19	9 1/4	1,363.97	9 1/4	1,725.78	9 1/4	2,087.53	9 1/4	2,449.51	9 1/4	2,815.56	9 1/4	3,176.11	9 1/4	3,524.80	9 1/4	3,888.42
9 1/2	286.86	9 1/2	648.61	9 1/2	1,009.73	9 1/2	1,371.51	9 1/2	1,733.26	9 1/2	2,095.07	9 1/2	2,457.05	9 1/2	2,823.10	9 1/2	3,183.65	9 1/2	3,531.84	9 1/2	3,895.50
9 3/4	294.40	9 3/4	656.13	9 3/4	1,017.28	9 3/4	1,379.04	9 3/4	1,740.83	9 3/4	2,102.61	9 3/4	2,464.59	9 3/4	2,830.64	9 3/4	3,191.20	9 3/4	3,538.88	9 3/4	3,902.58
10	301.93	10	663.66	10	1,024.80	10	1,386.58	10	1,748.38	10	2,110.14	10	2,472.12	10	2,838.16	10	3,198.71	10	3,545.92	10	3,909.66
10 1/4	309.47	10 1/4	671.18	10 1/4	1,032.34	10 1/4	1,394.12	10 1/4	1,755.90	10 1/4	2,117.68	10 1/4	2,479.66	10 1/4	2,845.70	10 1/4	3,206.25	10 1/4	3,552.96	10 1/4	3,916.80
10 1/2	317.01	10 1/2	678.69	10 1/2	1,039.88	10 1/2	1,401.66	10 1/2	1,763.44	10 1/2	2,125.22	10 1/2	2,487.14	10 1/2	2,858.18	10 1/2	3,213.73	10 1/2	3,560.00	10 1/2	3,923.84
10 3/4	324.54	10 3/4	686.21	10 3/4	1,047.41	10 3/4	1,408.19	10 3/4	1,770.97	10 3/4	2,132.76	10 3/4	2,494.68	10 3/4	2,869.72	10 3/4	3,221.27	10 3/4	3,567.04	10 3/4	3,930.92
11	332.08	11	693.72	11	1,054.95	11	1,416.73	11	1,778.81	11	2,140.38	11	2,502.06	11	2,877.10	11	3,234.65	11	3,573.18	11	3,937.72
11 1/4	339.62	11 1/4	701.24	11 1/4	1,062.48	11 1/4	1,424.27	11 1/4	1,788.05	11 1/4	2,147.93	11 1/4	2,509.61	11 1/4	2,884.64	11 1/4	3,242.19	11 1/4	3,580.22	11 1/4	3,944.80
11 1/2	347.16	11 1/2	708.75	11 1/2	1,070.02	11 1/2	1,431.80	11 1/2	1,793.49	11 1/2	2,155.47	11 1/2	2,517.12	11 1/2	2,892.18	11 1/2	3,249.73	11 1/2	3,587.26	11 1/2	3,951.34
11 3/4	354.69	11 3/4	716.27	11 3/4	1,077.58	11 3/4	1,439.34	11 3/4	1,801.12	11 3/4	2,163.00	11 3/4	2,524.65	11 3/4	2,900.71	11 3/4	3,257.25	11 3/4	3,594.30	11 3/4	3,958.88

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

BY ANALYSIS, INC.

P.O. Box 2032

Portland, Texas 77164



BARGE "EMS 506"

3 PORT 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	3,816.16	0	3,913.70	0	4,003.86	0	4,097.34	0	4,194.16	0	4,297.56	0	4,404.36	0	4,514.46	0	4,627.46	0	4,743.46
1/4	3,822.88	1/4	3,919.84	1/4	4,009.46	1/4	4,102.34	1/4	4,198.56	1/4	4,299.16	1/4	4,404.36	1/4	4,513.46	1/4	4,625.46	1/4	4,740.46
1/2	3,829.60	1/2	3,926.88	1/2	4,218.26	1/2	4,319.86	1/2	4,424.56	1/2	4,532.16	1/2	4,642.36	1/2	4,754.46	1/2	4,868.46	1/2	4,984.46
3/4	3,836.32	3/4	3,933.12	3/4	4,221.04	3/4	4,324.56	3/4	4,430.56	3/4	4,538.16	3/4	4,648.36	3/4	4,760.46	3/4	4,874.46	3/4	4,990.46
1	3,843.04	1	3,939.26	1	4,223.82	1	4,328.34	1	4,435.56	1	4,543.16	1	4,652.36	1	4,762.46	1	4,874.46	1	4,988.46
1 1/4	3,849.76	1 1/4	3,945.48	1 1/4	4,226.60	1 1/4	4,332.34	1 1/4	4,440.56	1 1/4	4,549.16	1 1/4	4,659.36	1 1/4	4,769.46	1 1/4	4,881.46	1 1/4	4,996.46
1 1/2	3,856.48	1 1/2	3,952.20	1 1/2	4,229.38	1 1/2	4,336.34	1 1/2	4,445.56	1 1/2	4,555.16	1 1/2	4,666.36	1 1/2	4,776.46	1 1/2	4,889.46	1 1/2	5,004.46
1 3/4	3,863.20	1 3/4	3,958.92	1 3/4	4,232.16	1 3/4	4,339.34	1 3/4	4,450.56	1 3/4	4,561.16	1 3/4	4,673.36	1 3/4	4,783.46	1 3/4	4,897.46	1 3/4	5,013.46
2	3,869.92	2	3,965.64	2	4,234.94	2	4,342.34	2	4,454.56	2	4,565.16	2	4,678.36	2	4,788.46	2	4,903.46	2	5,020.46
2 1/4	3,876.64	2 1/4	3,972.36	2 1/4	4,237.72	2 1/4	4,345.34	2 1/4	4,458.56	2 1/4	4,568.16	2 1/4	4,682.36	2 1/4	4,792.46	2 1/4	4,908.46	2 1/4	5,026.46
2 1/2	3,883.36	2 1/2	3,979.08	2 1/2	4,240.50	2 1/2	4,348.34	2 1/2	4,462.56	2 1/2	4,571.16	2 1/2	4,686.36	2 1/2	4,796.46	2 1/2	4,913.46	2 1/2	5,033.46
2 3/4	3,890.08	2 3/4	3,985.80	2 3/4	4,243.28	2 3/4	4,351.34	2 3/4	4,466.56	2 3/4	4,574.16	2 3/4	4,690.36	2 3/4	4,800.46	2 3/4	4,918.46	2 3/4	5,040.46
3	3,896.80	3	3,992.52	3	4,246.06	3	4,354.34	3	4,470.56	3	4,577.16	3	4,694.36	3	4,805.46	3	4,924.46	3	5,047.46
3 1/4	3,903.52	3 1/4	3,999.24	3 1/4	4,248.84	3 1/4	4,357.34	3 1/4	4,474.56	3 1/4	4,580.16	3 1/4	4,700.36	3 1/4	4,812.46	3 1/4	4,933.46	3 1/4	5,054.46
3 1/2	3,910.24	3 1/2	4,005.96	3 1/2	4,251.62	3 1/2	4,360.34	3 1/2	4,478.56	3 1/2	4,583.16	3 1/2	4,706.36	3 1/2	4,819.46	3 1/2	4,942.46	3 1/2	5,061.46
3 3/4	3,916.96	3 3/4	4,012.68	3 3/4	4,254.40	3 3/4	4,363.34	3 3/4	4,482.56	3 3/4	4,586.16	3 3/4	4,710.36	3 3/4	4,824.46	3 3/4	4,949.46	3 3/4	5,068.46
4	3,923.68	4	4,019.40	4	4,257.18	4	4,366.34	4	4,486.56	4	4,589.16	4	4,718.36	4	4,833.46	4	4,960.46	4	5,075.46
4 1/4	3,930.40	4 1/4	4,026.12	4 1/4	4,260.00	4 1/4	4,369.34	4 1/4	4,490.56	4 1/4	4,592.16	4 1/4	4,722.36	4 1/4	4,838.46	4 1/4	4,967.46	4 1/4	5,082.46
4 1/2	3,937.12	4 1/2	4,032.84	4 1/2	4,262.78	4 1/2	4,372.34	4 1/2	4,494.56	4 1/2	4,595.16	4 1/2	4,728.36	4 1/2	4,845.46	4 1/2	4,976.46	4 1/2	5,089.46
4 3/4	3,943.84	4 3/4	4,039.56	4 3/4	4,265.56	4 3/4	4,375.34	4 3/4	4,498.56	4 3/4	4,598.16	4 3/4	4,732.36	4 3/4	4,850.46	4 3/4	4,983.46	4 3/4	5,100.46
5	3,950.56	5	4,046.28	5	4,268.34	5	4,378.34	5	4,502.56	5	4,601.16	5	4,736.36	5	4,856.46	5	4,992.46	5	5,107.46
5 1/4	3,957.28	5 1/4	4,053.00	5 1/4	4,271.12	5 1/4	4,381.34	5 1/4	4,506.56	5 1/4	4,603.16	5 1/4	4,739.36	5 1/4	4,860.46	5 1/4	4,998.46	5 1/4	5,114.46
5 1/2	3,964.00	5 1/2	4,059.72	5 1/2	4,273.90	5 1/2	4,384.34	5 1/2	4,510.56	5 1/2	4,606.16	5 1/2	4,742.36	5 1/2	4,864.46	5 1/2	4,993.46	5 1/2	5,121.46
5 3/4	3,970.72	5 3/4	4,066.44	5 3/4	4,276.68	5 3/4	4,387.34	5 3/4	4,513.56	5 3/4	4,608.16	5 3/4	4,745.36	5 3/4	4,868.46	5 3/4	4,999.46	5 3/4	5,128.46
6	3,977.44	6	4,073.16	6	4,279.46	6	4,390.34	6	4,516.56	6	4,611.16	6	4,748.36	6	4,872.46	6	4,997.46	6	5,135.46
6 1/4	3,984.16	6 1/4	4,079.88	6 1/4	4,282.24	6 1/4	4,393.34	6 1/4	4,519.56	6 1/4	4,613.16	6 1/4	4,751.36	6 1/4	4,876.46	6 1/4	4,992.46	6 1/4	5,142.46
6 1/2	3,990.88	6 1/2	4,086.60	6 1/2	4,285.02	6 1/2	4,396.34	6 1/2	4,522.56	6 1/2	4,615.16	6 1/2	4,754.36	6 1/2	4,880.46	6 1/2	4,997.46	6 1/2	5,149.46
6 3/4	3,997.60	6 3/4	4,093.32	6 3/4	4,287.80	6 3/4	4,399.34	6 3/4	4,525.56	6 3/4	4,617.16	6 3/4	4,757.36	6 3/4	4,884.46	6 3/4	4,992.46	6 3/4	5,156.46
7	4,004.32	7	4,100.74	7	4,290.58	7	4,395.34	7	4,528.56	7	4,621.16	7	4,759.36	7	4,887.46	7	4,995.46	7	5,163.46
7 1/4	4,011.04	7 1/4	4,107.46	7 1/4	4,293.36	7 1/4	4,398.34	7 1/4	4,531.56	7 1/4	4,623.16	7 1/4	4,762.36	7 1/4	4,891.46	7 1/4	4,999.46	7 1/4	5,170.46
7 1/2	4,017.76	7 1/2	4,114.18	7 1/2	4,296.14	7 1/2	4,401.34	7 1/2	4,534.56	7 1/2	4,625.16	7 1/2	4,765.36	7 1/2	4,895.46	7 1/2	4,992.46	7 1/2	5,177.46
7 3/4	4,024.48	7 3/4	4,120.90	7 3/4	4,298.92	7 3/4	4,404.34	7 3/4	4,537.56	7 3/4	4,627.16	7 3/4	4,768.36	7 3/4	4,899.46	7 3/4	4,997.46	7 3/4	5,184.46
8	4,031.20	8	4,127.62	8	4,301.70	8	4,407.34	8	4,540.56	8	4,629.16	8	4,770.36	8	4,902.46	8	4,999.46	8	5,191.46
8 1/4	4,037.92	8 1/4	4,134.34	8 1/4	4,304.48	8 1/4	4,410.34	8 1/4	4,543.56	8 1/4	4,631.16	8 1/4	4,773.36	8 1/4	4,906.46	8 1/4	4,992.46	8 1/4	5,198.46
8 1/2	4,044.64	8 1/2	4,141.06	8 1/2	4,307.26	8 1/2	4,413.34	8 1/2	4,546.56	8 1/2	4,633.16	8 1/2	4,776.36	8 1/2	4,912.46	8 1/2	4,999.46	8 1/2	5,205.46
8 3/4	4,051.36	8 3/4	4,147.78	8 3/4	4,310.04	8 3/4	4,416.34	8 3/4	4,549.56	8 3/4	4,635.16	8 3/4	4,779.36	8 3/4	4,916.46	8 3/4	4,992.46	8 3/4	5,212.46
9	4,058.08	9	4,154.50	9	4,312.82	9	4,419.34	9	4,552.56	9	4,637.16	9	4,782.36	9	4,919.46	9	4,999.46	9	5,219.46
9 1/4	4,064.80	9 1/4	4,161.22	9 1/4	4,315.60	9 1/4	4,422.34	9 1/4	4,555.56	9 1/4	4,640.16	9 1/4	4,785.36	9 1/4	4,922.46	9 1/4	4,992.46	9 1/4	5,226.46
9 1/2	4,071.52	9 1/2	4,167.94	9 1/2	4,318.38	9 1/2	4,425.34	9 1/2	4,558.56	9 1/2	4,642.16	9 1/2	4,788.36	9 1/2	4,929.46	9 1/2	4,999.46	9 1/2	5,233.46
9 3/4	4,078.24	9 3/4	4,174.66	9 3/4	4,321.16	9 3/4	4,428.34	9 3/4	4,561.56	9 3/4	4,644.16	9 3/4	4,791.36	9 3/4	4,936.46	9 3/4	4,992.46	9 3/4	5,240.46
10	4,084.96	10	4,181.38	10	4,323.94	10	4,431.34	10	4,564.56	10	4,646.16	10	4,794.36	10	4,941.46	10	4,992.46	10	5,247.46
10 1/4	4,091.68	10 1/4	4,188.10	10 1/4	4,326.72	10 1/4	4,434.34	10 1/4	4,567.56	10 1/4	4,648.16	10 1/4	4,797.36	10 1/4	4,948.46	10 1/4	4,992.46	10 1/4	5,254.46
10 1/2	4,098.40	10 1/2	4,194.82	10 1/2	4,329.50	10 1/2	4,437.34	10 1/2	4,570.56	10 1/2	4,650.16	10 1/2	4,800.36	10 1/2	4,955.46	10 1/2	4,992.46	10 1/2	5,261.46
10 3/4	4,105.12	10 3/4	4,201.54	10 3/4	4,332.28	10 3/4	4,440.34	10 3/4	4,573.56	10 3/4	4,652.16	10 3/4	4,803.36	10 3/4	4,958.46	10 3/4	4,992.46	10 3/4	5,268.46
11	4,111.84	11	4,208.26	11	4,335.06	11	4,443.34	11	4,576.56	11	4,654.16	11	4,806.36	11	4,961.46	11	4,992.46	11	5,275.46
11 1/4	4,118.56	11 1/4	4,214.98	11 1/4	4,337.84	11 1/4	4,446.34	11 1/4	4,579.56	11 1/4	4,656.16	11 1/4	4,809.36	11 1/4	4,964.46	11 1/4	4,992.46	11 1/4	5,282.46
11 1/2	4,125.28	11 1/2	4,221.70	11 1/2	4,340.62	11 1/2	4,449.34	11 1/2	4,582.56	11 1/2	4,658.16	11 1/2	4,812.36	11 1/2	4,967.46	11 1/2	4,992.46	11 1/2	5,289.46
11 3/4	4,132.00	11 3/4	4,228.42	11 3/4	4,343.40	11 3/4	4,452.34	11 3/4	4,585.56	11 3/4	4,660.16	11 3/4	4,815.36	11 3/4	4,970.46	11 3/4	4,992.46	11 3/4	5,296.46
12	4,138.72	12	4,235.14	12	4,346.18	12	4,455.34	12	4,588.56	12	4,662.16	12	4,818.36	12	4,973.46	12	4,992.46	12	5,303.46
12 1/4	4,145.44	12 1/4	4,241.86	12 1/4	4,348.96	12 1/4	4,458.34	12 1/4	4,591.56	12 1/4	4,664.16	12 1/4	4,821.36	12 1/4	4,976.46	12 1/4	4,992.46	12 1/4	5,310.46
12 1/2	4,152.16	12 1/2	4,248.58	12 1/2	4,351.74	12 1/2	4,461.34	12 1/2	4,594.56	12 1/2	4,666.16	12 1/2	4,824.36	12 1/2	4,979.46	12 1/2	4,992.46	12 1/2	5,317.46
12 3/4	4,158.88	12 3/4	4,255.30	12 3/4	4,354.52	12 3/4	4,464.34	12 3/4	4,597.56	12 3/4	4,668.16	12 3/4	4,827.36	12 3/4	4,982.46	12 3/4	4,992.46	12 3/4	5,324.46
13	4,165.60	13	4,262.02	13	4,357.30	13	4,467.34	13	4,600.56	13	4,670.16	13	4,830.36	13	4,983.46	13	4,992.46	13	5



BARGE "EMS 506"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"																			
0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		6 FT.		8 FT.		7 FT.		8 FT.		9 FT.	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	6 FT.	IN	8 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.02	0	322.08	0	725.23	0	1,074.40	0	1,429.90	0	1,791.08	0	2,149.60	0	2,510.81	0	2,871.34	0	3,232.40
1	18.06	1	399.68	1	730.73	1	1,081.60	1	1,437.42	1	1,798.56	1	2,157.00	1	2,518.02	1	2,878.86	1	3,239.92
2	23.09	2	477.11	2	735.78	2	1,086.50	2	1,444.95	2	1,803.08	2	2,162.48	2	2,523.04	2	2,883.13	2	3,244.44
3	28.10	3	554.54	3	740.83	3	1,090.90	3	1,452.47	3	1,808.11	3	2,171.99	3	2,533.04	3	2,888.15	3	3,249.44
4	33.13	4	631.97	4	745.88	4	1,105.91	4	1,460.90	4	1,813.14	4	2,179.49	4	2,543.08	4	2,893.19	4	3,254.48
5	38.16	5	709.40	5	750.93	5	1,120.92	5	1,469.82	5	1,828.50	5	2,187.01	5	2,553.16	5	2,903.27	5	3,262.48
6	43.19	6	786.83	6	755.98	6	1,135.93	6	1,478.74	6	1,838.53	6	2,195.00	6	2,563.24	6	2,913.36	6	3,270.51
7	48.22	7	864.26	7	761.03	7	1,150.94	7	1,487.66	7	1,848.54	7	2,202.07	7	2,573.32	7	2,923.45	7	3,280.55
8	53.25	8	941.69	8	766.08	8	1,165.95	8	1,497.58	8	1,858.56	8	2,209.60	8	2,583.40	8	2,933.52	8	3,292.57
9	58.28	9	1,019.12	9	771.13	9	1,180.96	9	1,507.50	9	1,868.57	9	2,216.62	9	2,593.48	9	2,943.60	9	3,300.59
10	63.31	10	1,096.55	10	776.18	10	1,195.97	10	1,516.42	10	1,878.59	10	2,223.64	10	2,603.56	10	2,953.68	10	3,308.62
11	68.34	11	1,173.98	11	781.23	11	1,210.98	11	1,525.34	11	1,888.60	11	2,230.66	11	2,613.64	11	2,963.76	11	3,316.74
12	73.37	12	1,251.41	12	786.28	12	1,225.99	12	1,534.26	12	1,898.61	12	2,237.68	12	2,623.72	12	2,973.84	12	3,324.86
13	78.40	13	1,328.84	13	791.33	13	1,241.00	13	1,543.18	13	1,908.62	13	2,244.70	13	2,633.80	13	2,983.92	13	3,332.98
14	83.43	14	1,406.27	14	796.38	14	1,256.01	14	1,552.10	14	1,918.63	14	2,251.72	14	2,643.88	14	2,994.00	14	3,341.10
15	88.46	15	1,483.70	15	801.43	15	1,271.02	15	1,561.02	15	1,928.64	15	2,258.74	15	2,653.94	15	3,004.08	15	3,349.22
16	93.49	16	1,561.13	16	806.48	16	1,286.03	16	1,569.94	16	1,938.65	16	2,265.76	16	2,664.00	16	3,014.16	16	3,357.34
17	98.52	17	1,638.56	17	811.53	17	1,301.04	17	1,578.86	17	1,948.66	17	2,272.78	17	2,674.06	17	3,024.24	17	3,365.46
18	103.55	18	1,715.99	18	816.58	18	1,316.05	18	1,587.78	18	1,958.67	18	2,279.80	18	2,684.12	18	3,034.32	18	3,373.58
19	108.58	19	1,793.42	19	821.63	19	1,331.06	19	1,596.69	19	1,968.68	19	2,286.82	19	2,694.18	19	3,044.40	19	3,381.70
20	113.61	20	1,870.85	20	826.68	20	1,346.07	20	1,605.60	20	1,978.69	20	2,293.84	20	2,704.26	20	3,054.48	20	3,389.82
21	118.64	21	1,948.28	21	831.73	21	1,361.08	21	1,614.52	21	1,988.70	21	2,300.86	21	2,714.34	21	3,064.56	21	3,397.94
22	123.67	22	2,025.71	22	836.78	22	1,376.09	22	1,623.44	22	1,998.71	22	2,307.88	22	2,724.42	22	3,074.64	22	3,406.06
23	128.70	23	2,103.14	23	841.83	23	1,391.10	23	1,632.36	23	2,008.72	23	2,314.90	23	2,734.50	23	3,084.72	23	3,414.18
24	133.73	24	2,180.57	24	846.88	24	1,406.11	24	1,641.28	24	2,018.73	24	2,321.92	24	2,744.58	24	3,094.80	24	3,422.30
25	138.76	25	2,257.99	25	851.93	25	1,421.12	25	1,650.20	25	2,028.74	25	2,328.94	25	2,754.66	25	3,104.88	25	3,430.42
26	143.79	26	2,335.42	26	856.98	26	1,436.13	26	1,659.12	26	2,038.75	26	2,335.96	26	2,764.74	26	3,114.96	26	3,438.54
27	148.82	27	2,412.85	27	862.03	27	1,451.14	27	1,668.04	27	2,048.76	27	2,342.98	27	2,774.82	27	3,125.04	27	3,446.66
28	153.85	28	2,490.28	28	867.08	28	1,466.15	28	1,676.96	28	2,058.77	28	2,350.00	28	2,784.90	28	3,135.12	28	3,454.78
29	158.88	29	2,567.71	29	872.13	29	1,481.16	29	1,685.88	29	2,068.78	29	2,357.02	29	2,794.98	29	3,145.20	29	3,462.90
30	163.91	30	2,645.14	30	877.18	30	1,496.17	30	1,694.80	30	2,078.79	30	2,364.04	30	2,805.06	30	3,155.28	30	3,471.02
31	168.94	31	2,722.57	31	882.23	31	1,511.18	31	1,703.72	31	2,088.80	31	2,371.06	31	2,815.14	31	3,165.36	31	3,479.14
32	173.97	32	2,800.00	32	887.28	32	1,526.19	32	1,712.64	32	2,098.81	32	2,378.08	32	2,825.22	32	3,175.44	32	3,487.26
33	179.00	33	2,877.43	33	892.33	33	1,541.20	33	1,721.56	33	2,108.82	33	2,385.10	33	2,835.30	33	3,185.52	33	3,495.38
34	184.03	34	2,954.86	34	897.38	34	1,556.21	34	1,730.48	34	2,118.83	34	2,392.12	34	2,845.38	34	3,195.60	34	3,503.50
35	189.06	35	3,032.29	35	902.43	35	1,571.22	35	1,739.40	35	2,128.84	35	2,400.14	35	2,855.46	35	3,205.68	35	3,511.68
36	194.09	36	3,109.72	36	907.48	36	1,586.23	36	1,748.32	36	2,138.85	36	2,407.16	36	2,865.54	36	3,215.76	36	3,519.80
37	199.12	37	3,187.15	37	912.53	37	1,601.24	37	1,757.24	37	2,148.86	37	2,414.18	37	2,875.62	37	3,225.84	37	3,527.92
38	204.15	38	3,264.58	38	917.58	38	1,616.25	38	1,766.16	38	2,158.87	38	2,421.20	38	2,885.70	38	3,235.92	38	3,536.04
39	209.18	39	3,342.01	39	922.63	39	1,631.26	39	1,775.08	39	2,168.88	39	2,428.22	39	2,895.78	39	3,246.00	39	3,544.16
40	214.21	40	3,419.44	40	927.68	40	1,646.27	40	1,784.00	40	2,178.89	40	2,435.24	40	2,905.86	40	3,256.08	40	3,552.28
41	219.24	41	3,496.87	41	932.73	41	1,661.28	41	1,793.92	41	2,188.90	41	2,442.26	41	2,915.94	41	3,266.16	41	3,560.40
42	224.27	42	3,574.30	42	937.78	42	1,676.29	42	1,803.84	42	2,198.91	42	2,449.28	42	2,926.02	42	3,276.24	42	3,568.52
43	229.30	43	3,651.73	43	942.83	43	1,691.30	43	1,813.76	43	2,208.92	43	2,456.30	43	2,936.10	43	3,286.32	43	3,576.64
44	234.33	44	3,729.16	44	947.88	44	1,706.31	44	1,823.68	44	2,218.93	44	2,463.32	44	2,946.18	44	3,296.40	44	3,584.76
45	239.36	45	3,806.59	45	952.93	45	1,721.32	45	1,833.60	45	2,228.94	45	2,470.34	45	2,956.26	45	3,306.48	45	3,592.88
46	244.39	46	3,884.02	46	957.98	46	1,736.33	46	1,843.52	46	2,238.95	46	2,477.36	46	2,966.34	46	3,316.56	46	3,601.00
47	249.42	47	3,961.45	47	963.03	47	1,751.34	47	1,853.44	47	2,248.96	47	2,484.38	47	2,976.42	47	3,326.64	47	3,609.12
48	254.45	48	4,038.88	48	968.08	48	1,766.35	48	1,863.36	48	2,258.97	48	2,491.40	48	2,986.50	48	3,336.72	48	3,617.24
49	259.48	49	4,116.31	49	973.13	49	1,781.36	49	1,873.28	49	2,268.98	49	2,498.42	49	2,996.58	49	3,346.80	49	3,625.36
50	264.51	50	4,193.74	50	978.18	50	1,796.37	50	1,883.20	50	2,278.99	50	2,505.44	50	3,006.66	50	3,356.88	50	3,633.48
51	269.54	51	4,271.17	51	983.23	51	1,811.38	51	1,893.12	51	2,289.00	51	2,512.46	51	3,016.74	51	3,366.96	51	3,641.60
52	274.57	52	4,348.60	52	988.28	52	1,826.39	52	1,903.04	52	2,299.01	52	2,522.48	52	3,026.82	52	3,377.04	52	3,649.72
53	279.60	53	4,426.03	53	993.33	53	1,841.40	53	1,912.96	53	2,309.02	53	2,532.50	53	3,036.90	53	3,38787.		



BARGE "EMS 506"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"																			
18 FT.										19 FT.									
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	IN	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.	23 FT.	24 FT.	
0	3,692.76	0	3,690.84	0	4,181.40	0	4,448.82	0	4,691.03	0	4,907.86	0	5,100.00	0	5,278.57	0	5,443.44	0	5,605.64
1/4	3,699.68	1/4	3,697.00	1/4	4,187.21	1/4	4,454.10	1/4	4,696.80	1/4	4,912.11	1/4	5,104.00	1/4	5,282.00	1/4	5,446.00	1/4	5,608.00
1/2	3,706.41	1/2	3,703.18	1/2	4,193.02	1/2	4,460.98	1/2	4,703.67	1/2	4,918.28	1/2	5,110.00	1/2	5,288.00	1/2	5,452.00	1/2	5,614.00
3/4	3,713.24	3/4	3,709.30	3/4	4,198.83	3/4	4,466.83	3/4	4,709.34	3/4	4,924.01	3/4	5,115.00	3/4	5,293.00	3/4	5,457.00	3/4	5,619.00
1	3,720.07	1	3,715.48	1	4,204.64	1	4,472.64	1	4,716.11	1	4,930.56	1	5,120.00	1	5,298.00	1	5,462.00	1	5,624.00
1 1/4	3,726.83	1 1/4	3,721.61	1 1/4	4,210.41	1 1/4	4,478.18	1 1/4	4,721.68	1 1/4	4,937.91	1 1/4	5,125.00	1 1/4	5,303.00	1 1/4	5,467.00	1 1/4	5,629.00
1 1/2	3,733.28	1 1/2	3,727.77	1 1/2	4,216.18	1 1/2	4,484.42	1 1/2	4,727.68	1 1/2	4,944.71	1 1/2	5,130.00	1 1/2	5,308.00	1 1/2	5,472.00	1 1/2	5,634.00
3/4	3,739.63	3/4	3,733.92	3/4	4,221.88	3/4	4,489.66	3/4	4,733.69	3/4	4,950.91	3/4	5,135.00	3/4	5,313.00	3/4	5,477.00	3/4	5,639.00
2	3,746.09	2	3,740.07	2	4,227.72	2	4,496.90	2	4,739.01	2	4,956.80	2	5,140.00	2	5,318.00	2	5,482.00	2	5,644.00
1 1/4	3,752.33	1 1/4	3,746.23	1 1/4	4,233.44	1 1/4	4,503.10	1 1/4	4,745.37	1 1/4	4,962.91	1 1/4	5,145.00	1 1/4	5,323.00	1 1/4	5,487.00	1 1/4	5,649.00
1 1/2	3,758.99	1 1/2	3,752.38	1 1/2	4,239.17	1 1/2	4,508.83	1 1/2	4,751.14	1 1/2	4,968.70	1 1/2	5,150.00	1 1/2	5,328.00	1 1/2	5,492.00	1 1/2	5,654.00
3/4	3,765.15	3/4	3,758.54	3/4	4,244.99	3/4	4,514.59	3/4	4,756.80	3/4	4,974.37	3/4	5,155.00	3/4	5,333.00	3/4	5,497.00	3/4	5,659.00
3	3,769.30	3	3,762.69	3	4,250.82	3	4,520.38	3	4,762.29	3	4,980.00	3	5,160.00	3	5,338.00	3	5,502.00	3	5,664.00
1 1/4	3,775.46	1 1/4	3,768.84	1 1/4	4,256.30	1 1/4	4,526.14	1 1/4	4,768.29	1 1/4	4,985.80	1 1/4	5,165.00	1 1/4	5,343.00	1 1/4	5,507.00	1 1/4	5,669.00
1 1/2	3,781.61	1 1/2	3,774.99	1 1/2	4,261.89	1 1/2	4,531.99	1 1/2	4,773.81	1 1/2	4,991.40	1 1/2	5,170.00	1 1/2	5,348.00	1 1/2	5,512.00	1 1/2	5,674.00
3/4	3,787.76	3/4	3,781.15	3/4	4,267.67	3/4	4,537.14	3/4	4,779.48	3/4	4,997.00	3/4	5,175.00	3/4	5,353.00	3/4	5,517.00	3/4	5,679.00
4	3,793.92	4	3,787.31	4	4,273.38	4	4,542.82	4	4,785.29	4	4,999.00	4	5,180.00	4	5,358.00	4	5,522.00	4	5,684.00
1 1/4	3,799.99	1 1/4	3,793.38	1 1/4	4,278.99	1 1/4	4,548.41	1 1/4	4,790.89	1 1/4	4,999.00	1 1/4	5,185.00	1 1/4	5,363.00	1 1/4	5,527.00	1 1/4	5,689.00
1 1/2	3,806.03	1 1/2	3,799.42	1 1/2	4,284.63	1 1/2	4,554.05	1 1/2	4,796.48	1 1/2	4,999.00	1 1/2	5,190.00	1 1/2	5,368.00	1 1/2	5,532.00	1 1/2	5,694.00
3/4	3,812.18	3/4	3,805.57	3/4	4,290.37	3/4	4,559.63	3/4	4,802.00	3/4	5,000.00	3/4	5,195.00	3/4	5,373.00	3/4	5,537.00	3/4	5,699.00
5	3,818.33	5	3,811.72	5	4,295.91	5	4,565.14	5	4,807.61	5	5,005.00	5	5,200.00	5	5,378.00	5	5,541.00	5	5,705.00
1 1/4	3,824.49	1 1/4	3,817.88	1 1/4	4,301.51	1 1/4	4,570.81	1 1/4	4,813.29	1 1/4	5,010.00	1 1/4	5,205.00	1 1/4	5,383.00	1 1/4	5,546.00	1 1/4	5,710.00
1 1/2	3,830.64	1 1/2	3,824.03	1 1/2	4,307.11	1 1/2	4,576.87	1 1/2	4,819.00	1 1/2	5,015.00	1 1/2	5,210.00	1 1/2	5,388.00	1 1/2	5,551.00	1 1/2	5,715.00
3/4	3,836.79	3/4	3,830.18	3/4	4,312.70	3/4	4,582.04	3/4	4,824.81	3/4	5,020.00	3/4	5,215.00	3/4	5,393.00	3/4	5,554.00	3/4	5,719.00
6	3,842.95	6	3,836.34	6	4,318.30	6	4,587.01	6	4,830.41	6	5,025.00	6	5,220.00	6	5,398.00	6	5,559.00	6	5,724.00
1 1/4	3,849.10	1 1/4	3,842.49	1 1/4	4,323.88	1 1/4	4,592.03	1 1/4	4,836.41	1 1/4	5,030.00	1 1/4	5,225.00	1 1/4	5,403.00	1 1/4	5,566.00	1 1/4	5,730.00
1 1/2	3,855.25	1 1/2	3,848.64	1 1/2	4,329.41	1 1/2	4,597.08	1 1/2	4,842.00	1 1/2	5,035.00	1 1/2	5,230.00	1 1/2	5,408.00	1 1/2	5,571.00	1 1/2	5,735.00
3/4	3,861.40	3/4	3,854.79	3/4	4,334.97	3/4	4,602.08	3/4	4,847.61	3/4	5,040.00	3/4	5,235.00	3/4	5,413.00	3/4	5,576.00	3/4	5,740.00
7	3,867.56	7	3,860.95	7	4,340.52	7	4,607.11	7	4,853.29	7	5,045.00	7	5,240.00	7	5,418.00	7	5,581.00	7	5,745.00
1 1/4	3,873.71	1 1/4	3,867.10	1 1/4	4,346.07	1 1/4	4,612.64	1 1/4	4,858.89	1 1/4	5,050.00	1 1/4	5,245.00	1 1/4	5,423.00	1 1/4	5,586.00	1 1/4	5,750.00
1 1/2	3,879.86	1 1/2	3,873.25	1 1/2	4,351.54	1 1/2	4,618.07	1 1/2	4,864.48	1 1/2	5,055.00	1 1/2	5,250.00	1 1/2	5,428.00	1 1/2	5,591.00	1 1/2	5,755.00
3/4	3,886.01	3/4	3,879.40	3/4	4,357.08	3/4	4,623.66	3/4	4,870.00	3/4	5,060.00	3/4	5,255.00	3/4	5,433.00	3/4	5,596.00	3/4	5,760.00
8	3,892.16	8	3,885.55	8	4,362.57	8	4,629.04	8	4,875.61	8	5,065.00	8	5,260.00	8	5,438.00	8	5,601.00	8	5,765.00
1 1/4	3,898.31	1 1/4	3,891.70	1 1/4	4,368.02	1 1/4	4,634.53	1 1/4	4,881.29	1 1/4	5,070.00	1 1/4	5,265.00	1 1/4	5,443.00	1 1/4	5,606.00	1 1/4	5,770.00
1 1/2	3,904.46	1 1/2	3,897.85	1 1/2	4,373.49	1 1/2	4,639.81	1 1/2	4,886.89	1 1/2	5,075.00	1 1/2	5,270.00	1 1/2	5,448.00	1 1/2	5,611.00	1 1/2	5,775.00
3/4	3,910.61	3/4	3,904.00	3/4	4,378.98	3/4	4,645.36	3/4	4,892.48	3/4	5,080.00	3/4	5,275.00	3/4	5,453.00	3/4	5,616.00	3/4	5,780.00
9	3,916.76	9	3,910.15	9	4,384.41	9	4,650.83	9	4,898.00	9	5,085.00	9	5,280.00	9	5,458.00	9	5,621.00	9	5,785.00
1 1/4	3,922.91	1 1/4	3,916.30	1 1/4	4,389.82	1 1/4	4,656.30	1 1/4	4,903.61	1 1/4	5,090.00	1 1/4	5,285.00	1 1/4	5,463.00	1 1/4	5,626.00	1 1/4	5,790.00
1 1/2	3,929.06	1 1/2	3,922.45	1 1/2	4,395.23	1 1/2	4,661.77	1 1/2	4,909.29	1 1/2	5,095.00	1 1/2	5,290.00	1 1/2	5,468.00	1 1/2	5,631.00	1 1/2	5,795.00
3/4	3,935.21	3/4	3,928.60	3/4	4,400.64	3/4	4,667.24	3/4	4,914.89	3/4	5,100.00	3/4	5,295.00	3/4	5,473.00	3/4	5,636.00	3/4	5,800.00
10	3,941.36	10	3,934.75	10	4,406.08	10	4,672.70	10	4,920.00	10	5,105.00	10	5,300.00	10	5,478.00	10	5,641.00	10	5,805.00
1 1/4	3,947.51	1 1/4	3,940.90	1 1/4	4,411.42	1 1/4	4,678.18	1 1/4	4,925.61	1 1/4	5,110.00	1 1/4	5,305.00	1 1/4	5,483.00	1 1/4	5,646.00	1 1/4	5,810.00
1 1/2	3,953.66	1 1/2	3,947.05	1 1/2	4,416.79	1 1/2	4,683.63	1 1/2	4,931.00	1 1/2	5,115.00	1 1/2	5,310.00	1 1/2	5,488.00	1 1/2	5,651.00	1 1/2	5,815.00
3/4	3,959.81	3/4	3,953.20	3/4	4,422.15	3/4	4,689.10	3/4	4,936.41	3/4	5,120.00	3/4	5,315.00	3/4	5,493.00	3/4	5,656.00	3/4	5,820.00
11	3,965.96	11	3,959.35	11	4,427.62	11	4,694.59	11	4,941.89	11	5,125.00	11	5,320.00	11	5,498.00	11	5,661.00	11	5,825.00
1 1/4	3,972.11	1 1/4	3,965.50	1 1/4	4,433.01	1 1/4	4,700.14	1 1/4	4,947.37	1 1/4	5,130.00	1 1/4	5,325.00	1 1/4	5,503.00	1 1/4	5,666.00	1 1/4	5,830.00
1 1/2	3,978.26	1 1/2	3,971.65	1 1/2	4,438.44	1 1/2	4,705.63	1 1/2	4,952.80	1 1/2	5,135.00	1 1/2	5,330.00	1 1/2	5,508.00	1 1/2	5,671.00	1 1/2	5,835.00
3/4	3,984.41	3/4	3,977.80	3/4	4,443.87	3/4	4,711.06	3/4	4,958.29	3/4	5,140.00	3/4	5,335.00	3/4	5,513.00	3/4	5,676.00	3/4	5,840.00
12	3,990.56	12	3,983.95	12	4,449.30	12	4,716.49	12	4,963.76	12	5,145.00	12	5,340.00	12	5,518.00	12	5,681.00	12	5,845.00



BARGE "EMS 506"

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: 238'-08"

March 27, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2082
Pearland, Texas 77588

<http://www.pmacorp.net>



**1 PORT
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

BARGE 8 TRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 37'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

ANALYSIS, INC.
P.O. Box 2092

Portland, Texas 77669
<http://www.drmcorp.net>

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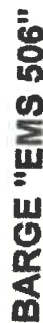


BARGE "EMS 506"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS & OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-11 3/4"															
18 FT.															
19 FT.															
IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	IN	18 FT.	19 FT.	IN	18 FT.	19 FT.	IN
0	2,676.73	2,334.28	1,892.81	1,551.34	1,209.86	870.03	549.58	257.76	1	267.76	1	0	549.58	0	257.76
1/4	2,688.02	2,327.16	1,885.70	1,544.22	1,203.76	863.08	543.21	252.00	1/4	252.00	1/4	0	543.21	0	252.00
1/2	2,691.61	2,220.08	1,876.88	1,537.11	1,195.64	856.15	536.84	246.24	1/2	246.24	1/2	0	536.84	0	246.24
3/4	2,684.39	2,212.93	1,871.47	1,529.98	1,188.82	849.20	530.46	240.48	3/4	240.48	3/4	0	530.46	0	240.48
1	2,677.28	2,205.82	1,866.35	1,522.88	1,181.41	842.31	524.14	234.77	1	234.77	1	0	524.14	0	234.77
1 1/4	2,640.18	2,188.71	1,837.24	1,515.77	1,174.29	835.42	517.82	229.08	1 1/4	229.08	1 1/4	0	517.82	0	229.08
1 1/2	2,533.08	2,191.69	1,890.12	1,508.68	1,167.18	828.53	511.50	223.36	1 1/2	223.36	1 1/2	0	511.50	0	223.36
1 3/4	2,828.94	2,184.48	1,843.01	1,501.54	1,160.07	821.64	505.17	217.64	1 3/4	217.64	1 3/4	0	505.17	0	217.64
2	2,611.71	2,177.37	1,836.90	1,494.42	1,152.96	814.75	500.00	211.99	2	211.99	2	0	500.00	0	211.99
2 1/4	2,504.60	2,170.26	1,828.78	1,487.31	1,145.84	807.85	494.83	206.33	2 1/4	206.33	2 1/4	0	494.83	0	206.33
2 1/2	2,604.60	2,163.14	1,821.67	1,480.20	1,138.72	801.11	488.36	200.67	2 1/2	200.67	2 1/2	0	488.36	0	200.67
2 3/4	2,497.48	2,156.02	1,814.56	1,473.08	1,131.61	794.26	482.09	195.01	2 3/4	195.01	2 3/4	0	482.09	0	195.01
3	2,490.37	2,148.91	1,807.44	1,465.97	1,124.50	787.48	475.87	189.40	3	189.40	3	0	475.87	0	189.40
3 1/4	2,483.26	2,141.80	1,800.33	1,458.85	1,117.38	780.66	469.68	183.80	3 1/4	183.80	3 1/4	0	469.68	0	183.80
3 1/2	2,476.14	2,134.68	1,793.21	1,451.74	1,110.27	773.87	463.51	178.18	3 1/2	178.18	3 1/2	0	463.51	0	178.18
3 3/4	2,469.03	2,127.57	1,786.10	1,444.63	1,103.16	767.07	457.34	172.58	3 3/4	172.58	3 3/4	0	457.34	0	172.58
4	2,461.91	2,120.46	1,778.98	1,437.51	1,096.04	760.32	451.17	167.03	4	167.03	4	0	451.17	0	167.03
4 1/4	2,454.80	2,113.34	1,771.87	1,430.40	1,088.93	753.67	445.04	161.47	4 1/4	161.47	4 1/4	0	445.04	0	161.47
4 1/2	2,447.68	2,106.23	1,764.76	1,423.28	1,081.81	746.82	438.76	155.91	4 1/2	155.91	4 1/2	0	438.76	0	155.91
4 3/4	2,440.57	2,099.12	1,757.64	1,416.17	1,074.70	740.06	432.63	150.36	4 3/4	150.36	4 3/4	0	432.63	0	150.36
5	2,433.46	2,092.00	1,750.53	1,409.06	1,067.60	733.35	426.42	144.85	5	144.85	5	0	426.42	0	144.85
5 1/4	2,426.35	2,084.89	1,743.41	1,401.94	1,060.49	726.53	420.30	139.35	5 1/4	139.35	5 1/4	0	420.30	0	139.35
5 1/2	2,419.23	2,077.77	1,736.30	1,394.83	1,053.39	719.62	414.18	133.84	5 1/2	133.84	5 1/2	0	414.18	0	133.84
5 3/4	2,412.12	2,070.66	1,729.18	1,387.71	1,046.28	712.90	408.06	128.34	5 3/4	128.34	5 3/4	0	408.06	0	128.34
6	2,405.00	2,063.55	1,722.07	1,380.60	1,039.21	706.52	402.00	122.85	6	122.85	6	0	402.00	0	122.85
6 1/4	2,397.89	2,056.43	1,714.96	1,373.49	1,032.12	699.84	395.83	117.43	6 1/4	117.43	6 1/4	0	395.83	0	117.43
6 1/2	2,390.78	2,049.32	1,707.84	1,366.37	1,025.04	693.17	389.78	111.95	6 1/2	111.95	6 1/2	0	389.78	0	111.95
6 3/4	2,383.66	2,042.20	1,700.73	1,359.26	1,017.96	686.49	383.71	106.52	6 3/4	106.52	6 3/4	0	383.71	0	106.52
7	2,376.55	2,035.09	1,693.62	1,352.14	1,010.87	679.80	377.58	101.12	7	101.12	7	0	377.58	0	101.12
7 1/4	2,369.44	2,027.98	1,686.50	1,345.03	1,003.80	673.23	371.46	95.72	7 1/4	95.72	7 1/4	0	371.46	0	95.72
7 1/2	2,362.32	2,020.86	1,679.39	1,337.92	996.72	666.60	365.35	90.31	7 1/2	90.31	7 1/2	0	365.35	0	90.31
7 3/4	2,355.21	2,013.75	1,672.27	1,330.80	989.64	659.54	359.23	84.91	7 3/4	84.91	7 3/4	0	359.23	0	84.91
8	2,348.09	2,006.63	1,665.16	1,323.69	982.57	653.47	353.17	79.66	8	79.66	8	0	353.17	0	79.66
8 1/4	2,340.98	1,999.52	1,658.05	1,316.57	975.50	647.40	347.10	74.21	8 1/4	74.21	8 1/4	0	347.10	0	74.21
8 1/2	2,333.87	1,992.41	1,650.93	1,309.46	968.43	641.24	341.04	68.85	8 1/2	68.85	8 1/2	0	341.04	0	68.85
8 3/4	2,326.76	1,985.29	1,643.82	1,302.35	961.36	635.09	334.97	63.60	8 3/4	63.60	8 3/4	0	334.97	0	63.60
9	2,319.64	1,978.18	1,636.70	1,295.23	954.30	628.92	328.90	58.20	9	58.20	9	0	328.90	0	58.20
9 1/4	2,312.53	1,971.06	1,629.58	1,288.12	947.23	622.81	322.84	52.80	9 1/4	52.80	9 1/4	0	322.84	0	52.80
9 1/2	2,305.41	1,963.95	1,622.46	1,281.00	940.17	616.68	316.78	47.40	9 1/2	47.40	9 1/2	0	316.78	0	47.40
9 3/4	2,298.30	1,956.84	1,615.36	1,273.89	933.11	610.55	310.72	42.00	9 3/4	42.00	9 3/4	0	310.72	0	42.00
10	2,291.19	1,949.72	1,608.26	1,266.78	926.07	604.46	304.66	36.60	10	36.60	10	0	304.66	0	36.60
10 1/4	2,284.07	1,942.61	1,601.13	1,259.66	918.03	598.40	298.60	31.20	10 1/4	31.20	10 1/4	0	298.60	0	31.20
10 1/2	2,276.96	1,935.49	1,594.02	1,252.56	911.99	592.33	292.53	25.80	10 1/2	25.80	10 1/2	0	292.53	0	25.80
10 3/4	2,269.84	1,928.38	1,586.91	1,245.43	905.96	586.25	286.47	20.40	10 3/4	20.40	10 3/4	0	286.47	0	20.40
11	2,262.73	1,921.27	1,579.79	1,238.32	899.93	580.18	280.40	15.00	11	15.00	11	0	280.40	0	15.00
11 1/4	2,255.62	1,914.15	1,572.68	1,231.21	893.98	574.11	274.33	9.60	11 1/4	9.60	11 1/4	0	274.33	0	9.60
11 1/2	2,248.50	1,907.04	1,565.56	1,224.10	887.97	568.03	268.26	4.20	11 1/2	4.20	11 1/2	0	268.26	0	4.20
11 3/4	2,241.39	1,899.92	1,558.45	1,216.98	881.96	561.96	262.19	-1.20	11 3/4	-1.20	11 3/4	0	262.19	0	-1.20



1STBD

ULLAGE TABLE

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT

2002, 101 3002

P.O. BOX 2052
Portland, Texas 77361
<http://www.dms.com.net>

EXHIBIT NO. 2 OF 12



BARGE "EMS 506"

1 STBD ULLAGE 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.	GAUGE HEIGHT 17'-11"
0	2,654.83	0	1,871.71	0	1,830.24	0	1,849.43	0	1,849.43	0	18 FT.
1/4	2,647.82	2,213.18	0	1,871.71	0	1,830.24	0	1,849.43	0	1,849.43	18 FT.
1/2	2,640.80	2,206.07	1/4	1,864.80	1/4	1,823.13	1/4	1,842.64	1/4	1,842.64	18 FT.
3/4	2,633.79	2,198.96	1/2	1,857.48	1/2	1,816.01	1/2	1,836.64	1/2	1,836.64	18 FT.
1	2,626.78	2,191.84	3/4	1,850.37	3/4	1,808.90	3/4	1,829.78	3/4	1,829.78	18 FT.
1 1/4	2,619.76	2,184.72	1	1,843.26	1	1,801.78	1	1,822.66	1	1,822.66	18 FT.
1 1/2	2,612.75	2,177.61	1 1/4	1,836.14	1 1/4	1,794.67	1 1/4	1,815.55	1 1/4	1,815.55	18 FT.
1 3/4	2,605.74	2,170.50	1 1/2	1,829.03	1 1/2	1,787.56	1 1/2	1,808.44	1 1/2	1,808.44	18 FT.
2	2,598.72	2,163.38	2	1,821.91	2	1,780.44	2	1,801.32	2	1,801.32	18 FT.
2 1/4	2,591.71	2,156.27	2 1/4	1,814.80	2 1/4	1,773.33	2 1/4	1,794.21	2 1/4	1,794.21	18 FT.
2 1/2	2,584.70	2,149.16	2 1/2	1,807.69	2 1/2	1,766.21	2 1/2	1,787.10	2 1/2	1,787.10	18 FT.
2 3/4	2,577.69	2,142.04	2 3/4	1,800.57	2 3/4	1,759.10	2 3/4	1,780.01	2 3/4	1,780.01	18 FT.
3	2,570.68	2,134.93	3	1,793.46	3	1,752.00	3	1,772.91	3	1,772.91	18 FT.
3 1/4	2,563.67	2,127.82	3 1/4	1,786.34	3 1/4	1,744.89	3 1/4	1,765.81	3 1/4	1,765.81	18 FT.
3 1/2	2,556.66	2,120.70	3 1/2	1,779.23	3 1/2	1,737.78	3 1/2	1,758.71	3 1/2	1,758.71	18 FT.
3 3/4	2,549.65	2,113.59	3 3/4	1,772.12	3 3/4	1,730.67	3 3/4	1,751.60	3 3/4	1,751.60	18 FT.
4	2,542.64	2,106.48	4	1,765.00	4	1,723.56	4	1,744.51	4	1,744.51	18 FT.
4 1/4	2,535.63	2,099.36	4 1/4	1,757.89	4 1/4	1,716.45	4 1/4	1,737.41	4 1/4	1,737.41	18 FT.
4 1/2	2,528.62	2,092.25	4 1/2	1,750.77	4 1/2	1,709.34	4 1/2	1,730.30	4 1/2	1,730.30	18 FT.
4 3/4	2,521.61	2,085.13	4 3/4	1,743.66	4 3/4	1,702.23	4 3/4	1,723.19	4 3/4	1,723.19	18 FT.
5	2,514.60	2,078.02	5	1,736.55	5	1,695.12	5	1,716.08	5	1,716.08	18 FT.
5 1/4	2,507.59	2,070.91	5 1/4	1,729.43	5 1/4	1,688.01	5 1/4	1,708.97	5 1/4	1,708.97	18 FT.
5 1/2	2,500.58	2,063.79	5 1/2	1,722.32	5 1/2	1,680.90	5 1/2	1,701.86	5 1/2	1,701.86	18 FT.
5 3/4	2,493.57	2,056.68	5 3/4	1,715.21	5 3/4	1,673.79	5 3/4	1,694.75	5 3/4	1,694.75	18 FT.
6	2,486.56	2,049.56	6	1,708.10	6	1,666.68	6	1,687.64	6	1,687.64	18 FT.
6 1/4	2,479.55	2,042.45	6 1/4	1,700.99	6 1/4	1,659.57	6 1/4	1,680.53	6 1/4	1,680.53	18 FT.
6 1/2	2,472.54	2,035.34	6 1/2	1,693.88	6 1/2	1,652.46	6 1/2	1,673.42	6 1/2	1,673.42	18 FT.
6 3/4	2,465.53	2,028.22	6 3/4	1,686.77	6 3/4	1,645.35	6 3/4	1,666.31	6 3/4	1,666.31	18 FT.
7	2,458.52	2,021.11	7	1,679.66	7	1,638.24	7	1,659.20	7	1,659.20	18 FT.
7 1/4	2,451.51	2,013.99	7 1/4	1,672.55	7 1/4	1,631.13	7 1/4	1,652.09	7 1/4	1,652.09	18 FT.
7 1/2	2,444.50	2,006.88	7 1/2	1,665.44	7 1/2	1,624.02	7 1/2	1,644.98	7 1/2	1,644.98	18 FT.
7 3/4	2,437.49	1,999.77	7 3/4	1,658.33	7 3/4	1,616.91	7 3/4	1,637.87	7 3/4	1,637.87	18 FT.
8	2,430.48	1,992.65	8	1,651.22	8	1,609.80	8	1,630.76	8	1,630.76	18 FT.
8 1/4	2,423.47	1,985.54	8 1/4	1,644.11	8 1/4	1,602.69	8 1/4	1,623.65	8 1/4	1,623.65	18 FT.
8 1/2	2,416.46	1,978.42	8 1/2	1,637.00	8 1/2	1,595.58	8 1/2	1,616.54	8 1/2	1,616.54	18 FT.
8 3/4	2,409.45	1,971.31	8 3/4	1,629.89	8 3/4	1,588.47	8 3/4	1,609.43	8 3/4	1,609.43	18 FT.
9	2,402.44	1,964.20	9	1,622.78	9	1,581.36	9	1,602.32	9	1,602.32	18 FT.
9 1/4	2,395.43	1,957.08	9 1/4	1,615.67	9 1/4	1,574.25	9 1/4	1,595.21	9 1/4	1,595.21	18 FT.
9 1/2	2,388.42	1,949.97	9 1/2	1,608.56	9 1/2	1,567.14	9 1/2	1,588.10	9 1/2	1,588.10	18 FT.
9 3/4	2,381.41	1,942.85	9 3/4	1,601.45	9 3/4	1,560.03	9 3/4	1,581.00	9 3/4	1,581.00	18 FT.
10	2,374.40	1,935.74	10	1,594.34	10	1,552.92	10	1,573.89	10	1,573.89	18 FT.
10 1/4	2,367.39	1,928.63	10 1/4	1,587.23	10 1/4	1,545.81	10 1/4	1,566.78	10 1/4	1,566.78	18 FT.
10 1/2	2,360.38	1,921.51	10 1/2	1,580.12	10 1/2	1,538.70	10 1/2	1,559.67	10 1/2	1,559.67	18 FT.
10 3/4	2,353.37	1,914.40	10 3/4	1,573.01	10 3/4	1,531.59	10 3/4	1,552.56	10 3/4	1,552.56	18 FT.
11	2,346.36	1,907.28	11	1,565.90	11	1,524.48	11	1,545.45	11	1,545.45	18 FT.
11 1/4	2,339.35	1,900.17	11 1/4	1,558.79	11 1/4	1,517.37	11 1/4	1,538.34	11 1/4	1,538.34	18 FT.
11 1/2	2,332.34	1,893.06	11 1/2	1,551.68	11 1/2	1,510.26	11 1/2	1,531.23	11 1/2	1,531.23	18 FT.
11 3/4	2,325.33	1,885.94	11 3/4	1,544.57	11 3/4	1,503.15	11 3/4	1,524.12	11 3/4	1,524.12	18 FT.
12	2,318.32	1,878.83	12	1,537.46	12	1,496.04	12	1,517.01	12	1,517.01	18 FT.

STRAPPED: 02/27/2019 SW-JB
CALCULATED: 03/27/2019 CL
PRINTED: 03/28/2019 CL

CANCELLED AND SUPERCEDED
ALL PRIOR TO 03/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 3092
Pearland, Texas 77588
Website: www.pmausa.com

[Signature]

[illegible]

CERTIFIED CHART FOR THE ABOVE NAMED TANK CAN

PRECISION MEASUREMENT

P.O. Box 2092

Parford, Tessa 77123

09/11/2016 12:18:12

SHEET NO. 6 OF 12

Handwritten signature: *[Signature]*

BARGE "EMS 506"

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,072.48	0	2,884.38	0	2,398.30	0	1,908.21	0	1,520.12	0	1,132.03	0	744.21	0	356.18	0	0	0	0
1/4	3,064.37	1/4	2,876.30	1/4	2,390.21	1/4	1,900.12	1/4	1,512.03	1/4	1,123.94	1/4	736.13	1/4	348.11	1/4	1/4	1/4	1/4
1/2	3,056.26	1/2	2,868.21	1/2	2,382.13	1/2	1,892.04	1/2	1,503.95	1/2	1,115.85	1/2	728.05	1/2	340.02	1/2	1/2	1/2	1/2
3/4	3,048.20	3/4	2,860.13	3/4	2,374.04	3/4	1,883.95	3/4	1,495.86	3/4	1,107.77	3/4	719.96	3/4	331.94	3/4	3/4	3/4	3/4
1	3,040.11	1	2,852.04	1	2,365.94	1	1,875.87	1	1,487.76	1	1,099.68	1	711.81	1	323.85	1	1	1	1
1 1/4	3,032.03	1 1/4	2,843.96	1 1/4	2,357.87	1 1/4	1,867.78	1 1/4	1,479.69	1 1/4	1,091.60	1 1/4	703.63	1 1/4	315.77	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,023.94	1 1/2	2,835.87	1 1/2	2,349.79	1 1/2	1,859.70	1 1/2	1,471.61	1 1/2	1,083.52	1 1/2	695.55	1 1/2	307.68	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	3,015.86	1 3/4	2,827.79	1 3/4	2,341.70	1 3/4	1,851.61	1 3/4	1,463.52	1 3/4	1,075.43	1 3/4	687.47	1 3/4	299.60	1 3/4	1 3/4	1 3/4	1 3/4
2	3,007.77	2	2,819.70	2	2,333.62	2	1,843.53	2	1,455.44	2	1,067.34	2	679.39	2	291.51	2	2	2	2
2 1/4	2,999.69	2 1/4	2,811.62	2 1/4	2,325.53	2 1/4	1,835.44	2 1/4	1,447.35	2 1/4	1,059.25	2 1/4	671.31	2 1/4	283.43	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2,991.60	2 1/2	2,803.53	2 1/2	2,317.44	2 1/2	1,827.36	2 1/2	1,439.27	2 1/2	1,051.16	2 1/2	663.22	2 1/2	275.34	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2,983.52	2 3/4	2,795.45	2 3/4	2,309.36	2 3/4	1,819.27	2 3/4	1,431.18	2 3/4	1,043.09	2 3/4	655.14	2 3/4	267.26	2 3/4	2 3/4	2 3/4	2 3/4
3	2,975.43	3	2,787.36	3	2,301.27	3	1,811.18	3	1,423.10	3	1,035.01	3	647.05	3	259.17	3	3	3	3
3 1/4	2,967.36	3 1/4	2,779.28	3 1/4	2,293.19	3 1/4	1,803.10	3 1/4	1,415.01	3 1/4	1,026.92	3 1/4	638.97	3 1/4	251.09	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	2,959.28	3 1/2	2,771.19	3 1/2	2,285.10	3 1/2	1,795.01	3 1/2	1,406.92	3 1/2	1,018.84	3 1/2	630.88	3 1/2	243.00	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	2,951.18	3 3/4	2,763.11	3 3/4	2,277.02	3 3/4	1,786.93	3 3/4	1,398.84	3 3/4	1,010.76	3 3/4	622.80	3 3/4	234.92	3 3/4	3 3/4	3 3/4	3 3/4
4	2,943.09	4	2,755.02	4	2,268.93	4	1,778.84	4	1,390.76	4	1,002.68	4	614.71	4	226.83	4	4	4	4
4 1/4	2,935.01	4 1/4	2,746.94	4 1/4	2,260.85	4 1/4	1,770.76	4 1/4	1,382.67	4 1/4	994.58	4 1/4	606.63	4 1/4	218.75	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	2,926.92	4 1/2	2,738.86	4 1/2	2,252.76	4 1/2	1,762.67	4 1/2	1,374.58	4 1/2	986.49	4 1/2	598.54	4 1/2	210.66	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	2,918.84	4 3/4	2,730.77	4 3/4	2,244.68	4 3/4	1,754.59	4 3/4	1,366.50	4 3/4	978.41	4 3/4	590.45	4 3/4	202.58	4 3/4	4 3/4	4 3/4	4 3/4
5	2,910.76	5	2,722.68	5	2,236.59	5	1,746.50	5	1,358.41	5	970.32	5	582.37	5	194.49	5	5	5	5
5 1/4	2,902.67	5 1/4	2,714.60	5 1/4	2,228.51	5 1/4	1,738.42	5 1/4	1,350.33	5 1/4	962.24	5 1/4	574.29	5 1/4	186.41	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	2,894.59	5 1/2	2,706.51	5 1/2	2,220.42	5 1/2	1,730.33	5 1/2	1,342.24	5 1/2	954.16	5 1/2	566.20	5 1/2	178.32	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	2,886.50	5 3/4	2,698.43	5 3/4	2,212.34	5 3/4	1,722.25	5 3/4	1,334.16	5 3/4	946.08	5 3/4	558.12	5 3/4	170.24	5 3/4	5 3/4	5 3/4	5 3/4
6	2,878.42	6	2,690.34	6	2,204.25	6	1,714.16	6	1,326.07	6	938.00	6	550.03	6	162.16	6	6	6	6
6 1/4	2,870.33	6 1/4	2,682.26	6 1/4	2,096.17	6 1/4	1,706.09	6 1/4	1,317.99	6 1/4	929.93	6 1/4	542.18	6 1/4	154.07	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	2,862.26	6 1/2	2,674.17	6 1/2	2,088.08	6 1/2	1,697.99	6 1/2	1,309.90	6 1/2	921.85	6 1/2	534.06	6 1/2	146.00	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	2,854.18	6 3/4	2,666.09	6 3/4	2,079.90	6 3/4	1,689.91	6 3/4	1,301.82	6 3/4	913.78	6 3/4	525.98	6 3/4	137.90	6 3/4	6 3/4	6 3/4	6 3/4
7	2,846.08	7	2,658.00	7	2,071.81	7	1,681.82	7	1,293.73	7	905.71	7	517.89	7	129.81	7	7	7	7
7 1/4	2,837.99	7 1/4	2,649.92	7 1/4	2,063.74	7 1/4	1,673.74	7 1/4	1,285.65	7 1/4	897.63	7 1/4	509.81	7 1/4	121.73	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	2,829.91	7 1/2	2,641.83	7 1/2	2,055.66	7 1/2	1,665.65	7 1/2	1,277.58	7 1/2	889.56	7 1/2	501.72	7 1/2	113.64	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	2,821.82	7 3/4	2,633.75	7 3/4	2,047.58	7 3/4	1,657.57	7 3/4	1,269.49	7 3/4	881.48	7 3/4	493.64	7 3/4	105.56	7 3/4	7 3/4	7 3/4	7 3/4
8	2,813.74	8	2,625.66	8	2,039.49	8	1,649.48	8	1,261.41	8	873.41	8	485.55	8	97.47	8	8	8	8
8 1/4	2,805.66	8 1/4	2,617.57	8 1/4	2,031.40	8 1/4	1,641.40	8 1/4	1,253.31	8 1/4	865.33	8 1/4	477.47	8 1/4	89.39	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	2,797.57	8 1/2	2,609.49	8 1/2	2,023.31	8 1/2	1,633.31	8 1/2	1,245.22	8 1/2	857.26	8 1/2	469.38	8 1/2	81.30	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	2,789.48	8 3/4	2,601.40	8 3/4	2,015.23	8 3/4	1,625.23	8 3/4	1,237.14	8 3/4	849.18	8 3/4	461.30	8 3/4	73.22	8 3/4	8 3/4	8 3/4	8 3/4
9	2,781.40	9	2,593.32	9	2,007.14	9	1,617.14	9	1,229.05	9	841.11	9	453.21	9	65.15	9	9	9	9
9 1/4	2,773.31	9 1/4	2,585.23	9 1/4	1,999.05	9 1/4	1,609.05	9 1/4	1,220.97	9 1/4	833.03	9 1/4	445.13	9 1/4	57.07	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	2,765.23	9 1/2	2,577.15	9 1/2	1,990.97	9 1/2	1,600.97	9 1/2	1,212.88	9 1/2	824.95	9 1/2	437.04	9 1/2	49.01	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	2,757.14	9 3/4	2,569.08	9 3/4	1,982.88	9 3/4	1,592.88	9 3/4	1,204.79	9 3/4	816.86	9 3/4	428.96	9 3/4	40.90	9 3/4	9 3/4	9 3/4	9 3/4
10	2,749.06	10	2,560.99	10	1,974.79	10	1,584.80	10	1,196.71	10	808.71	10	420.87	10	32.80	10	10	10	10
10 1/4	2,740.97	10 1/4	2,552.91	10 1/4	1,966.72	10 1/4	1,576.71	10 1/4	1,188.62	10 1/4	800.73	10 1/4	412.79	10 1/4	24.71	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	2,732.89	10 1/2	2,544.81	10 1/2	1,958.63	10 1/2	1,568.63	10 1/2	1,180.54	10 1/2	792.65	10 1/2	404.70	10 1/2	16.62	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	2,724.80	10 3/4	2,536.72	10 3/4	1,950.55	10 3/4	1,560.55	10 3/4	1,172.46	10 3/4	784.58	10 3/4	396.62	10 3/4	8.53	10 3/4	10 3/4	10 3/4	10 3/4
11	2,716.72	11	2,528.64	11	1,942.46	11	1,552.46	11	1,164.37	11	776.51	11	388.53	11	0	11	11	11	11
11 1/4	2,708.64	11 1/4	2,520.56	11 1/4	1,934.38	11 1/4	1,544.37	11 1/4	1,156.28	11 1/4	768.43	11 1/4	380.45	11 1/4	0	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	2,700.56	11 1/2	2,512.47	11 1/2	1,926.30	11 1/2	1,536.29	11 1/2	1,148.20	11 1/2	760.35	11 1/2	372.36	11 1/2	0	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	2,692.47	11 3/4	2,504.38	11 3/4	1,918.22	11 3/4	1,528.20	11 3/4	1,140.11	11 3/4	752.26	11 3/4	364.28	11 3/4	0	11 3/4	11 3/4	11 3/4	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/27/2019 BW-JB
CALCULATED: 03/27/2019 CL
PRINTED: 03/28/2019 CL

CANCELLED AND SUPERCEDES
ALL PRIOR TO 03/28/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pasland, Texas 77558
info@precisionmeas.com

Signature



2STBD

VILLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7

CAPACITY TABLE ONLY APPLIED WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH

GAUGE POINT: (HERMETIC) LOCATED 17'-00" OFF CENTERLINE AND

OFF CENTERLINE AND

SHEET NO. 7 OF 12

**PRECISION MEASUREMENT
& ANALYSIS, INC.**
P.O. Box 2092
Pearland, Texas 77668
<http://www.pma.com.net>

For more, Texas 77611
Go to <http://www.bmc.com> file

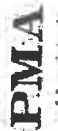
THE UNIVERSITY OF CHICAGO



1

BARGE "EMS 506"

2 STBD ULLAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,051.80	0	2,843.27	0	2,274.66	0	1,885.07	0	1,497.45	0	1,116.86	0	737.13	0	348.87	0		0	
1/4	3,043.76	1/4	2,835.18	1/4	2,266.56	1/4	1,877.97	1/4	1,489.36	1/4	1,108.76	1/4	729.04	1/4	340.77	1/4		1/4	
1/2	3,035.67	1/2	2,827.08	1/2	2,258.48	1/2	1,869.88	1/2	1,481.27	1/2	1,099.66	1/2	720.96	1/2	332.68	1/2		1/2	
3/4	3,027.67	3/4	2,819.99	3/4	2,250.39	3/4	1,861.78	3/4	1,473.17	3/4	1,091.56	3/4	712.87	3/4	324.58	3/4		3/4	
1	3,019.48	1	2,812.89	1	2,242.29	1	1,853.68	1	1,465.06	1	1,083.46	1	704.77	1	316.48	1		1	
1 1/4	3,011.38	1 1/4	2,804.80	1 1/4	2,234.20	1 1/4	1,845.58	1 1/4	1,456.96	1 1/4	1,075.36	1 1/4	696.68	1 1/4	308.39	1 1/4		1 1/4	
1 1/2	3,003.28	1 1/2	2,796.71	1 1/2	2,226.10	1 1/2	1,837.49	1 1/2	1,448.86	1 1/2	1,067.26	1 1/2	688.59	1 1/2	300.30	1 1/2		1 1/2	
1 3/4	2,995.19	1 3/4	2,788.61	1 3/4	2,218.00	1 3/4	1,829.40	1 3/4	1,440.76	1 3/4	1,059.16	1 3/4	680.49	1 3/4	292.20	1 3/4		1 3/4	
2	2,987.09	2	2,780.51	2	2,209.91	2	1,821.30	2	1,432.66	2	1,051.06	2	672.40	2	284.10	2		2	
2 1/4	2,979.00	2 1/4	2,772.42	2 1/4	2,201.81	2 1/4	1,813.20	2 1/4	1,424.56	2 1/4	1,042.96	2 1/4	664.30	2 1/4	276.00	2 1/4		2 1/4	
2 1/2	2,970.90	2 1/2	2,692.32	2 1/2	2,193.72	2 1/2	1,805.11	2 1/2	1,416.46	2 1/2	1,034.86	2 1/2	656.21	2 1/2	267.91	2 1/2		2 1/2	
2 3/4	2,962.81	2 3/4	2,684.22	2 3/4	2,185.62	2 3/4	1,797.01	2 3/4	1,408.36	2 3/4	1,026.76	2 3/4	648.11	2 3/4	259.82	2 3/4		2 3/4	
3	2,954.71	3	2,676.13	3	2,177.52	3	1,788.92	3	1,400.26	3	1,018.66	3	640.02	3	251.72	3		3	
3 1/4	2,946.62	3 1/4	2,668.03	3 1/4	2,169.43	3 1/4	1,780.82	3 1/4	1,392.16	3 1/4	1,010.56	3 1/4	631.92	3 1/4	243.63	3 1/4		3 1/4	
3 1/2	2,938.52	3 1/2	2,659.94	3 1/2	2,161.33	3 1/2	1,772.72	3 1/2	1,384.06	3 1/2	1,002.46	3 1/2	623.82	3 1/2	235.53	3 1/2		3 1/2	
3 3/4	2,930.43	3 3/4	2,651.84	3 3/4	2,153.24	3 3/4	1,764.63	3 3/4	1,375.96	3 3/4	994.36	3 3/4	615.73	3 3/4	227.43	3 3/4		3 3/4	
4	2,922.33	4	2,643.75	4	2,145.14	4	1,756.53	4	1,367.86	4	986.26	4	607.63	4	219.34	4		4	
4 1/4	2,914.23	4 1/4	2,635.65	4 1/4	2,137.04	4 1/4	1,748.44	4 1/4	1,359.76	4 1/4	978.16	4 1/4	599.54	4 1/4	211.24	4 1/4		4 1/4	
4 1/2	2,906.14	4 1/2	2,627.56	4 1/2	2,128.95	4 1/2	1,740.34	4 1/2	1,351.66	4 1/2	970.06	4 1/2	591.44	4 1/2	203.14	4 1/2		4 1/2	
4 3/4	2,898.04	4 3/4	2,619.46	4 3/4	2,120.86	4 3/4	1,732.24	4 3/4	1,343.56	4 3/4	961.96	4 3/4	583.35	4 3/4	195.04	4 3/4		4 3/4	
5	2,889.95	5	2,611.36	5	2,112.76	5	1,724.16	5	1,335.46	5	953.86	5	575.26	5	186.94	5		5	
5 1/4	2,881.85	5 1/4	2,603.27	5 1/4	2,104.66	5 1/4	1,716.06	5 1/4	1,327.36	5 1/4	945.76	5 1/4	567.16	5 1/4	178.84	5 1/4		5 1/4	
5 1/2	2,873.76	5 1/2	2,595.17	5 1/2	2,096.56	5 1/2	1,707.96	5 1/2	1,319.26	5 1/2	937.66	5 1/2	559.06	5 1/2	170.74	5 1/2		5 1/2	
5 3/4	2,865.66	5 3/4	2,587.08	5 3/4	2,088.47	5 3/4	1,699.86	5 3/4	1,311.16	5 3/4	929.56	5 3/4	550.96	5 3/4	162.64	5 3/4		5 3/4	
6	2,857.57	6	2,578.98	6	2,080.37	6	1,691.76	6	1,303.06	6	921.46	6	542.86	6	154.54	6		6	
6 1/4	2,849.47	6 1/4	2,570.88	6 1/4	2,072.28	6 1/4	1,683.67	6 1/4	1,294.96	6 1/4	913.36	6 1/4	534.76	6 1/4	146.44	6 1/4		6 1/4	
6 1/2	2,841.38	6 1/2	2,562.79	6 1/2	2,064.18	6 1/2	1,675.57	6 1/2	1,286.86	6 1/2	905.26	6 1/2	526.66	6 1/2	138.34	6 1/2		6 1/2	
6 3/4	2,833.28	6 3/4	2,554.69	6 3/4	2,056.08	6 3/4	1,667.48	6 3/4	1,278.76	6 3/4	897.16	6 3/4	518.56	6 3/4	130.24	6 3/4		6 3/4	
7	2,825.18	7	2,546.60	7	2,047.99	7	1,659.38	7	1,270.66	7	889.06	7	510.46	7	122.14	7		7	
7 1/4	2,817.09	7 1/4	2,538.50	7 1/4	2,039.89	7 1/4	1,651.28	7 1/4	1,262.56	7 1/4	880.96	7 1/4	502.36	7 1/4	114.04	7 1/4		7 1/4	
7 1/2	2,808.99	7 1/2	2,530.40	7 1/2	2,031.80	7 1/2	1,643.19	7 1/2	1,254.46	7 1/2	872.86	7 1/2	494.26	7 1/2	105.94	7 1/2		7 1/2	
7 3/4	2,800.90	7 3/4	2,522.31	7 3/4	2,023.70	7 3/4	1,635.09	7 3/4	1,246.36	7 3/4	864.76	7 3/4	486.16	7 3/4	97.84	7 3/4		7 3/4	
8	2,792.80	8	2,514.21	8	2,015.60	8	1,626.99	8	1,238.26	8	856.66	8	478.06	8	89.74	8		8	
8 1/4	2,784.71	8 1/4	2,506.12	8 1/4	2,007.51	8 1/4	1,618.90	8 1/4	1,230.16	8 1/4	848.56	8 1/4	469.96	8 1/4	81.64	8 1/4		8 1/4	
8 1/2	2,776.61	8 1/2	2,498.02	8 1/2	1,999.41	8 1/2	1,610.80	8 1/2	1,222.06	8 1/2	840.46	8 1/2	461.86	8 1/2	73.54	8 1/2		8 1/2	
8 3/4	2,768.52	8 3/4	2,490.92	8 3/4	1,991.32	8 3/4	1,602.71	8 3/4	1,213.96	8 3/4	832.36	8 3/4	453.76	8 3/4	65.44	8 3/4		8 3/4	
9	2,760.42	9	2,482.83	9	1,983.22	9	1,594.61	9	1,205.86	9	824.26	9	445.66	9	57.34	9		9	
9 1/4	2,752.32	9 1/4	2,474.73	9 1/4	1,975.12	9 1/4	1,586.52	9 1/4	1,197.76	9 1/4	816.16	9 1/4	437.56	9 1/4	49.24	9 1/4		9 1/4	
9 1/2	2,744.23	9 1/2	2,466.64	9 1/2	1,967.03	9 1/2	1,578.42	9 1/2	1,189.66	9 1/2	808.06	9 1/2	429.46	9 1/2	41.14	9 1/2		9 1/2	
9 3/4	2,736.13	9 3/4	2,458.54	9 3/4	1,958.93	9 3/4	1,570.32	9 3/4	1,181.56	9 3/4	800.96	9 3/4	421.36	9 3/4	33.04	9 3/4		9 3/4	
10	2,728.04	10	2,450.44	10	1,950.84	10	1,562.23	10	1,173.46	10	792.86	10	413.26	10	24.94	10		10	
10 1/4	2,719.94	10 1/4	2,442.35	10 1/4	1,942.74	10 1/4	1,554.13	10 1/4	1,165.36	10 1/4	784.76	10 1/4	405.16	10 1/4	16.84	10 1/4		10 1/4	
10 1/2	2,711.85	10 1/2	2,434.25	10 1/2	1,934.64	10 1/2	1,546.04	10 1/2	1,157.26	10 1/2	776.66	10 1/2	397.06	10 1/2	8.74	10 1/2		10 1/2	
10 3/4	2,703.75	10 3/4	2,426.16	10 3/4	1,926.55	10 3/4	1,537.94	10 3/4	1,149.16	10 3/4	768.56	10 3/4	388.96	10 3/4	0.64	10 3/4		10 3/4	
11	2,695.66	11	2,418.06	11	1,918.46	11	1,529.84	11	1,141.06	11	760.46	11	380.86	11		11		11	
11 1/4	2,687.56	11 1/4	2,410.96	11 1/4	1,910.36	11 1/4	1,521.74	11 1/4	1,132.96	11 1/4	752.36	11 1/4	372.76	11 1/4		11 1/4		11 1/4	
11 1/2	2,679.47	11 1/2	2,402.87	11 1/2	1,902.26	11 1/2	1,513.64	11 1/2	1,124.86	11 1/2	744.26	11 1/2	364.66	11 1/2		11 1/2		11 1/2	
11 3/4	2,671.37	11 3/4	2,394.77	11 3/4	1,894.16	11 3/4	1,505.56	11 3/4	1,116.76	11 3/4	736.16	11 3/4	356.56	11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/27/2019 BW-JB
CALCULATED: 03/27/2019 CL
PRINTED: 03/28/2019 CL

CANCEL 8 AND SUPERCEDERS
ALL PRIOR TO 03/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2892
Pearland, Texas 77608
281-489-9999

For [Signature]

[illegible]

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
Portland, Texas 77104
http://www.primos.com

SHEET NO. 9 OF 12



BARGE "EMS 506"

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,871.16	0	2,809.59	0	2,747.83	0	2,685.98	0	2,624.27	0	2,562.49	0	2,500.49	0	2,438.42	0	2,376.24	0	2,314.11
1/4	2,863.86	1/4	2,802.06	1/4	2,740.30	1/4	2,678.51	1/4	2,616.73	1/4	2,554.95	1/4	2,493.16	1/4	2,431.37	1/4	2,369.58	1/4	2,307.79
1/2	2,856.11	1/2	2,794.52	1/2	2,732.76	1/2	2,670.99	1/2	2,609.20	1/2	2,547.42	1/2	2,485.63	1/2	2,423.84	1/2	2,362.05	1/2	2,300.26
3/4	2,848.58	3/4	2,786.99	3/4	2,725.22	3/4	2,663.44	3/4	2,601.66	3/4	2,539.88	3/4	2,478.09	3/4	2,416.31	3/4	2,354.52	3/4	2,292.73
1	2,841.06	1	2,779.46	1	2,717.69	1	2,655.90	1	2,594.12	1	2,532.34	1	2,470.55	1	2,408.77	1	2,346.98	1	2,285.19
1 1/4	2,833.52	1 1/4	2,771.92	1 1/4	2,710.15	1 1/4	2,648.37	1 1/4	2,586.58	1 1/4	2,524.79	1 1/4	2,463.00	1 1/4	2,401.21	1 1/4	2,339.42	1 1/4	2,277.63
1 1/2	2,826.08	1 1/2	2,764.38	1 1/2	2,702.61	1 1/2	2,640.83	1 1/2	2,579.04	1 1/2	2,517.25	1 1/2	2,455.46	1 1/2	2,393.67	1 1/2	2,331.88	1 1/2	2,270.09
1 3/4	2,818.54	1 3/4	2,756.84	1 3/4	2,695.07	1 3/4	2,633.28	1 3/4	2,571.49	1 3/4	2,509.70	1 3/4	2,447.91	1 3/4	2,386.12	1 3/4	2,324.33	1 3/4	2,262.54
2	2,811.02	2	2,749.31	2	2,687.54	2	2,625.75	2	2,563.96	2	2,502.17	2	2,440.38	2	2,378.59	2	2,316.80	2	2,255.01
2 1/4	2,803.38	2 1/4	2,741.77	2 1/4	2,680.00	2 1/4	2,618.21	2 1/4	2,556.42	2 1/4	2,494.63	2 1/4	2,432.84	2 1/4	2,371.05	2 1/4	2,309.26	2 1/4	2,247.47
2 1/2	2,795.85	2 1/2	2,734.24	2 1/2	2,672.46	2 1/2	2,610.67	2 1/2	2,548.88	2 1/2	2,487.09	2 1/2	2,425.30	2 1/2	2,363.51	2 1/2	2,301.72	2 1/2	2,239.93
2 3/4	2,788.32	2 3/4	2,726.70	2 3/4	2,664.92	2 3/4	2,603.13	2 3/4	2,541.34	2 3/4	2,479.55	2 3/4	2,417.76	2 3/4	2,355.97	2 3/4	2,294.18	2 3/4	2,232.39
3	2,780.78	3	2,719.16	3	2,657.39	3	2,595.60	3	2,533.81	3	2,472.02	3	2,410.23	3	2,348.44	3	2,286.65	3	2,224.86
3 1/4	2,773.25	3 1/4	2,711.63	3 1/4	2,649.85	3 1/4	2,588.06	3 1/4	2,526.27	3 1/4	2,464.48	3 1/4	2,402.69	3 1/4	2,340.90	3 1/4	2,279.11	3 1/4	2,217.32
3 1/2	2,765.72	3 1/2	2,704.09	3 1/2	2,642.31	3 1/2	2,580.52	3 1/2	2,518.73	3 1/2	2,456.94	3 1/2	2,395.15	3 1/2	2,333.36	3 1/2	2,271.57	3 1/2	2,209.78
3 3/4	2,758.18	3 3/4	2,696.56	3 3/4	2,634.78	3 3/4	2,572.99	3 3/4	2,511.20	3 3/4	2,449.41	3 3/4	2,387.62	3 3/4	2,325.83	3 3/4	2,264.04	3 3/4	2,202.25
4	2,750.65	4	2,689.02	4	2,627.24	4	2,565.45	4	2,503.66	4	2,441.87	4	2,380.08	4	2,318.29	4	2,256.50	4	2,194.71
4 1/4	2,743.12	4 1/4	2,681.48	4 1/4	2,619.70	4 1/4	2,557.91	4 1/4	2,496.12	4 1/4	2,434.33	4 1/4	2,372.54	4 1/4	2,310.75	4 1/4	2,248.96	4 1/4	2,187.17
4 1/2	2,735.59	4 1/2	2,673.95	4 1/2	2,612.16	4 1/2	2,550.37	4 1/2	2,488.58	4 1/2	2,426.79	4 1/2	2,365.00	4 1/2	2,303.21	4 1/2	2,241.42	4 1/2	2,179.63
4 3/4	2,728.05	4 3/4	2,666.41	4 3/4	2,604.63	4 3/4	2,542.84	4 3/4	2,481.05	4 3/4	2,419.26	4 3/4	2,357.47	4 3/4	2,295.68	4 3/4	2,233.89	4 3/4	2,172.10
5	2,720.52	5	2,658.87	5	2,597.09	5	2,535.30	5	2,473.51	5	2,411.72	5	2,349.93	5	2,288.14	5	2,226.35	5	2,164.56
5 1/4	2,712.99	5 1/4	2,651.33	5 1/4	2,589.55	5 1/4	2,527.76	5 1/4	2,465.97	5 1/4	2,404.18	5 1/4	2,342.39	5 1/4	2,280.60	5 1/4	2,218.81	5 1/4	2,157.02
5 1/2	2,705.45	5 1/2	2,643.80	5 1/2	2,582.02	5 1/2	2,520.23	5 1/2	2,458.44	5 1/2	2,396.65	5 1/2	2,334.86	5 1/2	2,273.07	5 1/2	2,211.28	5 1/2	2,149.49
5 3/4	2,697.92	5 3/4	2,636.26	5 3/4	2,574.48	5 3/4	2,512.69	5 3/4	2,450.90	5 3/4	2,389.11	5 3/4	2,327.32	5 3/4	2,265.53	5 3/4	2,203.74	5 3/4	2,141.95
6	2,690.39	6	2,628.72	6	2,566.94	6	2,505.15	6	2,443.36	6	2,381.57	6	2,319.78	6	2,257.99	6	2,196.20	6	2,134.41
6 1/4	2,682.85	6 1/4	2,621.19	6 1/4	2,559.41	6 1/4	2,497.62	6 1/4	2,435.83	6 1/4	2,374.04	6 1/4	2,312.25	6 1/4	2,250.46	6 1/4	2,188.67	6 1/4	2,126.88
6 1/2	2,675.32	6 1/2	2,613.66	6 1/2	2,551.87	6 1/2	2,490.08	6 1/2	2,428.29	6 1/2	2,366.50	6 1/2	2,304.71	6 1/2	2,242.92	6 1/2	2,181.13	6 1/2	2,119.34
6 3/4	2,667.79	6 3/4	2,606.11	6 3/4	2,544.33	6 3/4	2,482.54	6 3/4	2,420.75	6 3/4	2,358.96	6 3/4	2,297.17	6 3/4	2,235.38	6 3/4	2,173.59	6 3/4	2,111.80
7	2,660.26	7	2,598.57	7	2,536.79	7	2,475.00	7	2,413.21	7	2,351.42	7	2,289.63	7	2,227.84	7	2,166.05	7	2,104.26
7 1/4	2,652.72	7 1/4	2,591.04	7 1/4	2,529.26	7 1/4	2,467.47	7 1/4	2,405.68	7 1/4	2,343.89	7 1/4	2,282.10	7 1/4	2,220.31	7 1/4	2,158.52	7 1/4	2,096.73
7 1/2	2,645.19	7 1/2	2,583.50	7 1/2	2,521.72	7 1/2	2,459.93	7 1/2	2,398.14	7 1/2	2,336.35	7 1/2	2,274.56	7 1/2	2,212.77	7 1/2	2,150.98	7 1/2	2,089.19
7 3/4	2,637.66	7 3/4	2,575.98	7 3/4	2,514.18	7 3/4	2,452.39	7 3/4	2,390.60	7 3/4	2,328.81	7 3/4	2,267.02	7 3/4	2,205.23	7 3/4	2,143.44	7 3/4	2,081.65
8	2,630.12	8	2,568.43	8	2,506.65	8	2,444.86	8	2,383.07	8	2,321.28	8	2,259.49	8	2,197.70	8	2,135.91	8	2,074.12
8 1/4	2,622.59	8 1/4	2,560.90	8 1/4	2,499.11	8 1/4	2,437.32	8 1/4	2,375.53	8 1/4	2,313.74	8 1/4	2,251.95	8 1/4	2,190.16	8 1/4	2,128.37	8 1/4	2,066.58
8 1/2	2,615.06	8 1/2	2,553.36	8 1/2	2,491.57	8 1/2	2,429.78	8 1/2	2,367.99	8 1/2	2,306.20	8 1/2	2,244.41	8 1/2	2,182.62	8 1/2	2,120.83	8 1/2	2,059.04
8 3/4	2,607.52	8 3/4	2,545.82	8 3/4	2,484.03	8 3/4	2,422.24	8 3/4	2,360.45	8 3/4	2,298.66	8 3/4	2,236.87	8 3/4	2,175.08	8 3/4	2,113.29	8 3/4	2,051.50
9	2,599.99	9	2,538.29	9	2,476.50	9	2,414.71	9	2,352.92	9	2,291.13	9	2,229.34	9	2,167.55	9	2,105.76	9	2,043.97
9 1/4	2,592.46	9 1/4	2,530.74	9 1/4	2,468.95	9 1/4	2,407.16	9 1/4	2,345.37	9 1/4	2,283.58	9 1/4	2,221.79	9 1/4	2,159.99	9 1/4	2,098.20	9 1/4	2,036.41
9 1/2	2,584.92	9 1/2	2,523.20	9 1/2	2,461.41	9 1/2	2,399.62	9 1/2	2,337.83	9 1/2	2,276.04	9 1/2	2,214.25	9 1/2	2,152.46	9 1/2	2,090.67	9 1/2	2,028.88
9 3/4	2,577.39	9 3/4	2,515.67	9 3/4	2,453.88	9 3/4	2,392.09	9 3/4	2,330.30	9 3/4	2,268.51	9 3/4	2,206.72	9 3/4	2,144.93	9 3/4	2,083.14	9 3/4	2,021.35
10	2,569.86	10	2,508.13	10	2,446.34	10	2,384.55	10	2,322.76	10	2,260.97	10	2,199.18	10	2,137.39	10	2,075.60	10	2,013.81
10 1/4	2,562.32	10 1/4	2,500.59	10 1/4	2,438.80	10 1/4	2,377.01	10 1/4	2,315.22	10 1/4	2,253.43	10 1/4	2,191.64	10 1/4	2,129.85	10 1/4	2,068.06	10 1/4	2,006.27
10 1/2	2,554.79	10 1/2	2,493.06	10 1/2	2,431.27	10 1/2	2,369.48	10 1/2	2,307.69	10 1/2	2,245.90	10 1/2	2,184.11	10 1/2	2,122.32	10 1/2	2,060.53	10 1/2	1,998.74
10 3/4	2,547.26	10 3/4	2,485.52	10 3/4	2,423.73	10 3/4	2,361.94	10 3/4	2,300.15	10 3/4	2,238.36	10 3/4	2,176.57	10 3/4	2,114.78	10 3/4	2,052.99	10 3/4	1,991.20
11	2,539.72	11	2,477.98	11	2,416.20	11	2,354.41	11	2,292.62	11	2,230.83	11	2,169.04	11	2,107.25	11	2,045.46	11	1,983.67
11 1/4	2,532.19	11 1/4	2,470.44	11 1/4	2,408.65	11 1/4	2,346.86	11 1/4	2,285.07	11 1/4	2,223.28	11 1/4	2,161.49	11 1/4	2,100.00	11 1/4	2,038.21	11 1/4	1,976.42
11 1/2	2,524.66	11 1/2	2,462.91	11 1/2	2,401.13	11 1/2	2,339.34	11 1/2	2,277.55	11 1/2	2,215.76	11 1/2	2,153.97	11 1/2	2,092.18	11 1/2	2,030.39	11 1/2	1,968.60
11 3/4	2,517.13	11 3/4	2,455.38	11 3/4	2,393.59	11 3/4	2,331.80	11 3/4	2,270.01	11 3/4	2,208.22	11 3/4	2,146.43	11 3/4	2,084.64	11 3/4	2,022.85	11 3/4	1,961.06

STRAPPED: 03/27/2018 BW-JS
CALCULATED: 03/27/2018 CL
PRINTED: 03/28/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/20/18

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 5002
Pearland, Texas 77588

Withitness: 03/28/2018

[Signature]



3 STBD
ULLAGE TAB

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

[illegible]

3.21.93	2,880.30
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BEARING 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 VILLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
GAUGE POINT: (HERMETIC) LOCATED 12'-00" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD.

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. BOX 2092

Parland, Tara 77811

1994, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 2680, 26

SHEET NO. 10 OF 12



BARGE "EMS 506"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.		GAUGE HEIGHT 17'-11 1/4"	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,846.77	0	2,480.47	0	2,127.10	0	1,768.49	0	1,407.33	0	1,052.78	0	700.70	0	339.47	0	339.47	0	339.47	0	339.47
1/4	2,841.26	1/4	2,475.96	1/4	2,119.64	1/4	1,763.98	1/4	1,399.80	1/4	1,048.59	1/4	693.19	1/4	335.94	1/4	335.94	1/4	335.94	1/4	335.94
1/2	2,835.75	1/2	2,471.46	1/2	2,112.17	1/2	1,759.47	1/2	1,395.31	1/2	1,044.10	1/2	689.69	1/2	332.48	1/2	332.48	1/2	332.48	1/2	332.48
3/4	2,830.24	3/4	2,466.95	3/4	2,104.71	3/4	1,754.92	3/4	1,390.82	3/4	1,039.79	3/4	685.69	3/4	329.04	3/4	329.04	3/4	329.04	3/4	329.04
1	2,824.73	1	2,462.44	1	2,097.24	1	1,750.38	1	1,386.33	1	1,035.28	1	681.69	1	325.59	1	325.59	1	325.59	1	325.59
1 1/4	2,819.22	1 1/4	2,457.93	1 1/4	2,092.73	1 1/4	1,745.87	1 1/4	1,381.82	1 1/4	1,030.77	1 1/4	677.69	1 1/4	322.10	1 1/4	322.10	1 1/4	322.10	1 1/4	322.10
1 1/2	2,813.71	1 1/2	2,453.42	1 1/2	2,088.22	1 1/2	1,741.36	1 1/2	1,377.31	1 1/2	1,026.26	1 1/2	673.69	1 1/2	319.15	1 1/2	319.15	1 1/2	319.15	1 1/2	319.15
1 3/4	2,808.20	1 3/4	2,448.91	1 3/4	2,083.71	1 3/4	1,736.85	1 3/4	1,372.80	1 3/4	1,021.75	1 3/4	669.69	1 3/4	315.64	1 3/4	315.64	1 3/4	315.64	1 3/4	315.64
2	2,802.69	2	2,444.40	2	2,079.20	2	1,732.34	2	1,368.29	2	1,017.24	2	665.69	2	312.19	2	312.19	2	312.19	2	312.19
2 1/4	2,797.18	2 1/4	2,439.89	2 1/4	2,074.69	2 1/4	1,727.83	2 1/4	1,363.78	2 1/4	1,012.73	2 1/4	661.69	2 1/4	308.69	2 1/4	308.69	2 1/4	308.69	2 1/4	308.69
2 1/2	2,791.67	2 1/2	2,435.38	2 1/2	2,070.18	2 1/2	1,723.32	2 1/2	1,359.27	2 1/2	1,008.22	2 1/2	657.69	2 1/2	305.19	2 1/2	305.19	2 1/2	305.19	2 1/2	305.19
2 3/4	2,786.16	2 3/4	2,430.87	2 3/4	2,065.67	2 3/4	1,718.81	2 3/4	1,354.76	2 3/4	1,003.71	2 3/4	653.69	2 3/4	301.69	2 3/4	301.69	2 3/4	301.69	2 3/4	301.69
3	2,780.65	3	2,426.36	3	2,061.16	3	1,714.30	3	1,350.25	3	1,000.20	3	649.69	3	298.19	3	298.19	3	298.19	3	298.19
3 1/4	2,775.14	3 1/4	2,421.85	3 1/4	2,056.65	3 1/4	1,709.79	3 1/4	1,345.74	3 1/4	995.69	3 1/4	645.69	3 1/4	294.69	3 1/4	294.69	3 1/4	294.69	3 1/4	294.69
3 1/2	2,769.63	3 1/2	2,417.34	3 1/2	2,052.14	3 1/2	1,705.28	3 1/2	1,341.23	3 1/2	991.18	3 1/2	641.69	3 1/2	291.19	3 1/2	291.19	3 1/2	291.19	3 1/2	291.19
3 3/4	2,764.12	3 3/4	2,412.83	3 3/4	2,047.63	3 3/4	1,700.77	3 3/4	1,336.72	3 3/4	986.67	3 3/4	637.69	3 3/4	287.69	3 3/4	287.69	3 3/4	287.69	3 3/4	287.69
4	2,758.61	4	2,408.32	4	2,043.12	4	1,696.26	4	1,332.21	4	982.16	4	633.69	4	284.19	4	284.19	4	284.19	4	284.19
4 1/4	2,753.10	4 1/4	2,403.81	4 1/4	2,038.61	4 1/4	1,691.75	4 1/4	1,327.70	4 1/4	977.65	4 1/4	629.69	4 1/4	280.69	4 1/4	280.69	4 1/4	280.69	4 1/4	280.69
4 1/2	2,747.59	4 1/2	2,399.30	4 1/2	2,034.10	4 1/2	1,687.24	4 1/2	1,323.19	4 1/2	973.14	4 1/2	625.69	4 1/2	277.19	4 1/2	277.19	4 1/2	277.19	4 1/2	277.19
4 3/4	2,742.08	4 3/4	2,394.79	4 3/4	2,029.59	4 3/4	1,682.73	4 3/4	1,318.68	4 3/4	968.63	4 3/4	621.69	4 3/4	273.69	4 3/4	273.69	4 3/4	273.69	4 3/4	273.69
5	2,736.57	5	2,390.28	5	2,025.08	5	1,678.22	5	1,314.17	5	964.12	5	617.69	5	270.19	5	270.19	5	270.19	5	270.19
5 1/4	2,731.06	5 1/4	2,385.77	5 1/4	2,020.57	5 1/4	1,673.71	5 1/4	1,309.66	5 1/4	959.61	5 1/4	613.69	5 1/4	266.69	5 1/4	266.69	5 1/4	266.69	5 1/4	266.69
5 1/2	2,725.55	5 1/2	2,381.26	5 1/2	2,016.06	5 1/2	1,669.20	5 1/2	1,305.15	5 1/2	955.10	5 1/2	609.69	5 1/2	263.19	5 1/2	263.19	5 1/2	263.19	5 1/2	263.19
5 3/4	2,720.04	5 3/4	2,376.75	5 3/4	2,011.55	5 3/4	1,664.69	5 3/4	1,300.64	5 3/4	950.59	5 3/4	605.69	5 3/4	259.69	5 3/4	259.69	5 3/4	259.69	5 3/4	259.69
6	2,714.53	6	2,372.24	6	2,007.04	6	1,660.18	6	1,296.13	6	946.08	6	601.69	6	256.19	6	256.19	6	256.19	6	256.19
6 1/4	2,709.02	6 1/4	2,367.73	6 1/4	2,002.53	6 1/4	1,655.67	6 1/4	1,291.62	6 1/4	941.57	6 1/4	597.69	6 1/4	252.69	6 1/4	252.69	6 1/4	252.69	6 1/4	252.69
6 1/2	2,703.51	6 1/2	2,363.22	6 1/2	1,998.02	6 1/2	1,651.16	6 1/2	1,287.11	6 1/2	937.06	6 1/2	593.69	6 1/2	249.19	6 1/2	249.19	6 1/2	249.19	6 1/2	249.19
6 3/4	2,698.00	6 3/4	2,358.71	6 3/4	1,993.51	6 3/4	1,646.65	6 3/4	1,282.60	6 3/4	932.55	6 3/4	589.69	6 3/4	245.69	6 3/4	245.69	6 3/4	245.69	6 3/4	245.69
7	2,692.49	7	2,354.20	7	1,989.00	7	1,642.14	7	1,278.09	7	928.04	7	585.69	7	242.19	7	242.19	7	242.19	7	242.19
7 1/4	2,686.98	7 1/4	2,349.69	7 1/4	1,984.49	7 1/4	1,637.63	7 1/4	1,273.58	7 1/4	923.53	7 1/4	581.69	7 1/4	238.69	7 1/4	238.69	7 1/4	238.69	7 1/4	238.69
7 1/2	2,681.47	7 1/2	2,345.18	7 1/2	1,979.98	7 1/2	1,633.12	7 1/2	1,269.07	7 1/2	919.02	7 1/2	577.69	7 1/2	235.19	7 1/2	235.19	7 1/2	235.19	7 1/2	235.19
7 3/4	2,675.96	7 3/4	2,340.67	7 3/4	1,975.47	7 3/4	1,628.61	7 3/4	1,264.56	7 3/4	914.51	7 3/4	573.69	7 3/4	231.69	7 3/4	231.69	7 3/4	231.69	7 3/4	231.69
8	2,670.45	8	2,336.16	8	1,970.96	8	1,624.10	8	1,260.05	8	910.00	8	569.69	8	228.19	8	228.19	8	228.19	8	228.19
8 1/4	2,664.94	8 1/4	2,331.65	8 1/4	1,966.45	8 1/4	1,619.59	8 1/4	1,255.54	8 1/4	905.49	8 1/4	565.69	8 1/4	224.69	8 1/4	224.69	8 1/4	224.69	8 1/4	224.69
8 1/2	2,659.43	8 1/2	2,327.14	8 1/2	1,961.94	8 1/2	1,615.08	8 1/2	1,251.03	8 1/2	900.98	8 1/2	561.69	8 1/2	221.19	8 1/2	221.19	8 1/2	221.19	8 1/2	221.19
8 3/4	2,653.92	8 3/4	2,322.63	8 3/4	1,957.43	8 3/4	1,610.57	8 3/4	1,246.52	8 3/4	896.47	8 3/4	557.69	8 3/4	217.69	8 3/4	217.69	8 3/4	217.69	8 3/4	217.69
9	2,648.41	9	2,318.12	9	1,952.92	9	1,606.06	9	1,242.01	9	891.96	9	553.69	9	214.19	9	214.19	9	214.19	9	214.19
9 1/4	2,642.90	9 1/4	2,313.61	9 1/4	1,948.41	9 1/4	1,601.55	9 1/4	1,237.50	9 1/4	887.45	9 1/4	549.69	9 1/4	210.69	9 1/4	210.69	9 1/4	210.69	9 1/4	210.69
9 1/2	2,637.39	9 1/2	2,309.10	9 1/2	1,943.90	9 1/2	1,597.04	9 1/2	1,232.99	9 1/2	882.94	9 1/2	545.69	9 1/2	207.19	9 1/2	207.19	9 1/2	207.19	9 1/2	207.19
9 3/4	2,631.88	9 3/4	2,304.59	9 3/4	1,939.39	9 3/4	1,592.53	9 3/4	1,228.48	9 3/4	878.43	9 3/4	541.69	9 3/4	203.69	9 3/4	203.69	9 3/4	203.69	9 3/4	203.69
10	2,626.37	10	2,300.08	10	1,934.88	10	1,588.02	10	1,223.97	10	873.92	10	537.69	10	200.19	10	200.19	10	200.19	10	200.19
10 1/4	2,620.86	10 1/4	2,295.57	10 1/4	1,930.37	10 1/4	1,583.51	10 1/4	1,219.46	10 1/4	869.41	10 1/4	533.69	10 1/4	196.69	10 1/4	196.69	10 1/4	196.69	10 1/4	196.69
10 1/2	2,615.35	10 1/2	2,291.06	10 1/2	1,925.86	10 1/2	1,579.00	10 1/2	1,214.95	10 1/2	864.90	10 1/2	529.69	10 1/2	193.19	10 1/2	193.19	10 1/2	193.19	10 1/2	193.19
10 3/4	2,609.84	10 3/4	2,286.55	10 3/4	1,921.35	10 3/4	1,574.49	10 3/4	1,210.44	10 3/4	860.39	10 3/4	525.69	10 3/4	189.69	10 3/4	189.69	10 3/4	189.69	10 3/4	189.69
11	2,604.33	11	2,282.04	11	1,916.84	11	1,569.98	11	1,205.93	11	855.88	11	521.69	11	186.19	11	186.19	11	186.19	11	186.19
11 1/4	2,598.82	11 1/4	2,277.53	11 1/4	1,912.33	11 1/4	1,565.47	11													