FORM 1/4L 15W REV #2 7/95

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "EMS 319"
Enterprise Marine Services LLC

TANK NO. 1
PORT

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 326

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		0	5,136.21	0	4,803.44	0	4,433.64	0	4,063.85	0	3,694.06	0	3,324.27	0	2,954.48	0	2,584.68	0	2,214.89	0	1,845.10	0	1,475.31	0	1,105.51	0	735.72	0	365.93
1/4		1/4	5,133.03	1/4	4,795.73	1/4	4,425.94	1/4	4,056.15	1/4	3,686.36	1/4	3,316.56	1/4	2,946.77	1/4	2,576.98	1/4	2,207.19	1/4	1,837.39	1/4	1,467.60	1/4	1,097.81	1/4	728.02	1/4	358.23
1/2		1/2	5,129.85	1/2	4,788.03	1/2	4,418.24	1/2	4,048.44	1/2	3,678.65	1/2	3,308.86	1/2	2,939.07	1/2	2,569.28	1/2	2,199.48	1/2	1,829.69	1/2	1,459.90	1/2	1,090.11	1/2	720.31	1/2	350.52
3/4		3/4	5,126.67	3/4	4,780.32	3/4	4,410.53	3/4	4,040.74	3/4	3,670.95	3/4	3,301.16	3/4	2,931.36	3/4	2,561.57	3/4	2,191.78	3/4	1,821.99	3/4	1,452.19	3/4	1,082.40	3/4	712.61	3/4	342.82
1		1	5,122.20	1	4,772.62	1	4,402.83	1	4,033.04	1	3,663.24	1	3,293.45	1	2,923.66	1	2,553.87	1	2,184.07	1	1,814.28	1	1,444.49	1	1,074.70	1	704.91	1	335.11
1/4		1/4	5,117.74	1/4	4,764.92	1/4	4,395.12	1/4	4,025.33	1/4	3,655.54	1/4	3,285.75	1/4	2,915.96	1/4	2,546.16	1/4	2,176.37	1/4	1,806.58	1/4	1,436.79	1/4	1,066.99	1/4	697.20	1/4	327.41
1/2		1/2	5,113.27	1/2	4,757.21	1/2	4,387.42	1/2	4,017.63	1/2	3,647.84	1/2	3,278.04	1/2	2,908.25	1/2	2,538.46	1/2	2,168.67	1/2	1,798.87	1/2	1,429.08	1/2	1,059.29	1/2	689.50	1/2	319.71
3/4		3/4	5,108.81	3/4	4,749.51	3/4	4,379.72	3/4	4,009.92	3/4	3,640.13	3/4	3,270.34	3/4	2,900.55	3/4	2,530.76	3/4	2,160.96	3/4	1,791.17	3/4	1,421.38	3/4	1,051.59	3/4	681.79	3/4	312.00
2		2	5,103.06	2	4,741.80	2	4,372.01	2	4,002.22	2	3,632.43	2	3,262.64	2	2,892.84	2	2,523.05	2	2,153.26	2	1,783.47	2	1,413.67	2	1,043.88	2	674.09	2	304.30
1/4		1/4	5,097.31	1/4	4,734.10	1/4	4,364.31	1/4	3,994.52	1/4	3,624.72	1/4	3,254.93	1/4	2,885.14	1/4	2,515.35	1/4	2,145.55	1/4	1,775.76	1/4	1,405.97	1/4	1,036.18	1/4	666.39	1/4	296.59
1/2		1/2	5,091.56	1/2	4,726.40	1/2	4,356.60	1/2	3,986.81	1/2	3,617.02	1/2	3,247.23	1/2	2,877.44	1/2	2,507.64	1/2	2,137.85	1/2	1,768.06	1/2	1,398.27	1/2	1,028.47	1/2	658.68	1/2	288.89
3/4		3/4	5,085.81	3/4	4,718.69	3/4	4,348.90	3/4	3,979.11	3/4	3,609.32	3/4	3,239.52	3/4	2,869.73	3/4	2,499.94	3/4	2,130.15	3/4	1,760.35	3/4	1,390.56	3/4	1,020.77	3/4	650.98	3/4	281.19
3		3	5,078.77	3	4,710.99	3	4,341.20	3	3,971.40	3	3,601.61	3	3,231.82	3	2,862.03	3	2,492.24	3	2,122.44	3	1,752.65	3	1,382.86	3	1,013.07	3	643.27	3	273.48
1/4		1/4	5,071.74	1/4	4,703.28	1/4	4,333.49	1/4	3,963.70	1/4	3,593.91	1/4	3,224.12	1/4	2,854.32	1/4	2,484.53	1/4	2,114.74	1/4	1,744.95	1/4	1,375.15	1/4	1,005.36	1/4	635.57	1/4	265.78
1/2		1/2	5,064.70	1/2	4,695.58	1/2	4,325.79	1/2	3,956.00	1/2	3,586.20	1/2	3,216.41	1/2	2,846.62	1/2	2,476.83	1/2	2,107.03	1/2	1,737.24	1/2	1,367.45	1/2	997.66	1/2	627.87	1/2	258.07
3/4		3/4	5,057.67	3/4	4,687.88	3/4	4,318.08	3/4	3,948.29	3/4	3,578.50	3/4	3,208.71	3/4	2,838.92	3/4	2,469.12	3/4	2,099.33	3/4	1,729.54	3/4	1,359.75	3/4	989.95	3/4	620.16	3/4	250.37
4		4	5,049.96	4	4,680.17	4	4,310.38	4	3,940.59	4	3,570.80	4	3,201.00	4	2,831.21	4	2,461.42	4	2,091.63	4	1,721.83	4	1,352.04	4	982.25	4	612.46	4	242.67
1/4		1/4	5,042.26	1/4	4,672.47	1/4	4,302.68	1/4	3,932.88	1/4	3,563.09	1/4	3,193.30	1/4	2,823.51	1/4	2,453.72	1/4	2,083.92	1/4	1,714.13	1/4	1,344.34	1/4	974.55	1/4	604.75	1/4	234.96
1/2		1/2	5,034.56	1/2	4,664.76	1/2	4,294.97	1/2	3,925.18	1/2	3,555.39	1/2	3,185.60	1/2	2,815.80	1/2	2,446.01	1/2	2,076.22	1/2	1,706.43	1/2	1,336.63	1/2	966.84	1/2	597.05	1/2	227.26
3/4		3/4	5,026.85	3/4	4,657.06	3/4	4,287.27	3/4	3,917.48	3/4	3,547.68	3/4	3,177.89	3/4	2,808.10	3/4	2,438.31	3/4	2,068.51	3/4	1,698.72	3/4	1,328.93	3/4	959.14	3/4	589.35	3/4	219.55
5		5	5,019.15	5	4,649.36	5	4,279.56	5	3,909.77	5	3,539.98	5	3,170.19	5	2,800.40	5	2,430.60	5	2,060.81	5	1,691.02	5	1,321.23	5	951.43	5	581.64	5	211.85
1/4		1/4	5,011.44	1/4	4,641.65	1/4	4,271.86	1/4	3,902.07	1/4	3,532.28	1/4	3,162.48	1/4	2,792.69	1/4	2,422.90	1/4	2,053.11	1/4	1,683.31	1/4	1,313.52	1/4	943.73	1/4	573.94	1/4	204.15
1/2		1/2	5,003.74	1/2	4,633.95	1/2	4,264.16	1/2	3,894.36	1/2	3,524.57	1/2	3,154.78	1/2	2,784.99	1/2	2,415.20	1/2	2,045.40	1/2	1,675.61	1/2	1,305.82	1/2	936.03	1/2	566.23	1/2	196.44
3/4		3/4	4,996.04	3/4	4,626.24	3/4	4,256.45	3/4	3,886.66	3/4	3,516.87	3/4	3,147.08	3/4	2,777.28	3/4	2,407.49	3/4	2,037.70	3/4	1,667.91	3/4	1,298.11	3/4	928.32	3/4	558.53	3/4	188.74
6		6	4,988.33	6	4,618.54	6	4,248.75	6	3,878.96	6	3,509.16	6	3,139.37	6	2,769.58	6	2,399.79	6	2,029.99	6	1,660.20	6	1,290.41	6	920.62	6	550.83	6	181.03
1/4		1/4	4,980.63	1/4	4,610.84	1/4	4,241.04	1/4	3,871.25	1/4	3,501.46	1/4	3,131.67	1/4	2,761.88	1/4	2,392.08	1/4	2,022.29	1/4	1,652.50	1/4	1,282.71	1/4	912.91	1/4	543.12	1/4	173.33
1/2		1/2	4,972.92	1/2	4,603.13	1/2	4,233.34	1/2	3,863.55	1/2	3,493.76	1/2	3,123.96	1/2	2,754.17	1/2	2,384.38	1/2	2,014.59	1/2	1,644.79	1/2	1,275.00	1/2	905.21	1/2	535.42	1/2	165.63
3/4		3/4	4,965.22	3/4	4,595.43	3/4	4,225.64	3/4	3,855.84	3/4	3,486.05	3/4	3,116.26	3/4	2,746.47	3/4	2,376.67	3/4	2,006.88	3/4	1,637.09	3/4	1,267.30	3/4	897.51	3/4	527.71	3/4	157.92
7		7	4,957.52	7	4,587.72	7	4,217.93	7	3,848.14	7	3,478.35	7	3,108.56	7	2,738.76	7	2,368.97	7	1,999.18	7	1,629.39	7	1,259.59	7	889.80	7	520.01	7	150.22
1/4		1/4	4,949.81	1/4	4,580.02	1/4	4,210.23	1/4	3,840.44	1/4	3,470.64	1/4	3,100.85	1/4	2,731.06	1/4	2,361.27	1/4	1,991.47	1/4	1,621.68	1/4	1,251.89	1/4	882.10	1/4	512.31	1/4	142.51
1/2		1/2	4,942.11	1/2	4,572.32	1/2	4,202.52	1/2	3,832.73	1/2	3,462.94	1/2	3,093.15	1/2	2,723.36	1/2	2,353.56	1/2	1,983.77	1/2	1,613.98	1/2	1,244.19	1/2	874.39	1/2	504.60	1/2	134.81
3/4		3/4	4,934.40	3/4	4,564.61	3/4	4,194.82	3/4	3,825.03	3/4	3,455.24	3/4	3,085.44	3/4	2,715.65	3/4	2,345.86	3/4	1,976.07	3/4	1,606.27	3/4	1,236.48	3/4	866.69	3/4	496.90	3/4	127.11
8		8	4,926.70	8	4,556.91	8	4,187.12	8	3,817.32	8	3,447.53	8	3,077.74	8	2,707.95	8	2,338.15	8	1,968.36	8	1,598.57	8	1,228.78	8	858.99	8	489.19	8	119.40
1/4		1/4	4,919.00	1/4	4,549.20	1/4	4,179.41	1/4	3,809.62	1/4	3,439.83	1/4	3,070.04	1/4	2,700.24	1/4	2,330.45	1/4	1,960.66	1/4	1,590.87	1/4	1,221.07	1/4	851.28	1/4	481.49	1/4	111.70
1/2		1/2	4,911.29	1/2	4,541.50	1/2	4,171.71	1/2	3,801.92	1/2	3,432.12	1/2	3,062.33	1/2	2,692.54	1/2	2,322.75	1/2	1,952.95	1/2	1,583.16	1/2	1,213.37	1/2	843.58	1/2	473.79	1/2	103.99
3/4		3/4	4,903.59	3/4	4,533.80	3/4	4,164.00	3/4	3,794.21	3/4	3,424.42	3/4	3,054.63	3/4	2,684.84	3/4	2,315.04	3/4	1,945.25	3/4	1,575.46	3/4	1,205.67	3/4	835.87	3/4	466.08	3/4	96.29
9		9	4,895.88	9	4,526.09	9	4,156.30	9	3,786.51	9	3,416.72	9	3,046.92	9	2,677.13	9	2,307.34	9	1,937.55	9	1,567.75	9	1,197.96	9	828.17	9	458.38	9	88.59
1/4		1/4	4,888.18	1/4	4,518.39	1/4	4,148.60	1/4	3,778.80	1/4	3,409.01	1/4	3,039.22	1/4	2,669.43	1/4	2,299.63	1/4	1,929.84	1/4	1,560.05	1/4	1,190.26	1/4	820.47	1/4	450.67	1/4	80.88
1/2		1/2	4,880.48	1/2	4,510.68	1/2	4,140.89	1/2	3,771.10	1/2	3,401.31	1/2	3,031.52	1/2	2,661.72	1/2	2,291.93	1/2	1,922.14	1/2	1,552.35	1/2	1,182.55	1/2	812.76	1/2	442.97	1/2	73.18
3/4	5,149.43	3/4	4,872.77	3/4	4,502.98	3/4	4,133.19	3/4	3,763.40	3/4	3,393.60	3/4	3,023.81	3/4	2,654.02	3/4	2,284.23	3/4	1,914.43	3/4	1,544.64	3/4	1,174.85	3/4	805.06	3/4	435.27	3/4	65.47
10	5,148.82	10	4,865.07	10	4,495.28	10	4,125.48	10	3,755.69	10	3,385.90	10	3,016.11	10	2,646.32	10	2,276.52	10	1,906.73	10	1,536.94	10	1,167.15	10	797.35	10	427.56	10	57.77
1/4	5,148.21	1/4	4,857.36	1/4	4,487.57	1/4	4,117.78	1/4	3,747.99	1/4	3,378.20	1/4	3,008.40	1/4	2,638.61	1/4	2,268.82	1/4	1,899.03	1/4	1,529.23	1/4	1,159.44	1/4	789.65	1/4	419.86	1/4	50.07
1/2	5,147.59	1/2	4,849.66	1/2	4,479.87	1/2	4,110.08	1/2	3,740.28	1/2	3,370.49	1/2	3,000.70	1/2	2,630.91	1/2	2,261.11	1/2	1,891.32	1/2	1,521.53	1/2	1,151.74	1/2	781.95	1/2	412.15	1/2	42.66
3/4	5,146.98	3/4	4,841.96	3/4	4,472.16	3/4	4,102.37	3/4	3,732.58	3/4	3,362.79	3/4	2,993.00	3/4	2,623.20	3/4	2,253.41	3/4	1,883.62	3/4	1,513.83	3/4	1,144.03	3/4	774.24	3/4	404.45	3/4	* 36.73
11	5,145.08	11	4,834.25	11	4,464.46	11	4,094.67	11	3,724.88	11	3,355.08	11	2,985.29	11	2,615.50	11	2,245.71	11	1,875.91	11	1,506.12	11	1,136.33	11	766.54	11	396.75	11	
1/4	5,143.19	1/4	4,826.55	1/4	4,456.76	1/4	4,086.96	1/4	3,717.17	1/4	3,347.38	1/4	2,977.59	1/4	2,607.80	1/4	2,238.00	1/4	1,868.21	1/4	1,498.42	1/4	1,128.63	1/4	758.83	1/4	389.04	1/4	
1/2	5,141.29	1/2	4,818.84	1/2	4,449.05	1/2	4,079.26	1/2	3,709.47	1/2	3,339.68	1/2	2,969.88	1/2	2,600.09	1/2	2,230.30	1/2	1,860.51	1/2	1,490.71	1/2	1,120.92	1/2	751.13	1/2	381.34	1/2	
3/4	5,139.39	3/4	4,811.14	3/4	4,441.35	3/4	4,071.56	3/4	3,701.76	3/4	3,331.97	3/4	2,962.18	3/4	2,592.39	3/4	2,222.59	3/4	1,852.80	3/4	1,483.01	3/4	1,113.22	3/4	743.43	3/4	373.63	3/4	

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

STRAPPED: 5/18/95

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 14'-10 3/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION

FORM 1 4115W REV #2 7/98

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "EMS 319"
Enterprise Marine Services LLC

TANK NO. 1 STAR

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 326

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		0	5,133.03	0	4,795.73	0	4,425.94	0	4,056.15	0	3,686.36	0	3,316.56	0	2,946.77	0	2,576.98	0	2,207.19	0	1,837.39	0	1,467.60	0	1,097.81	0	728.02	0	358.23
1/4		1/4	5,129.85	1/4	4,788.03	1/4	4,418.24	1/4	4,048.44	1/4	3,678.65	1/4	3,308.86	1/4	2,939.07	1/4	2,569.28	1/4	2,199.48	1/4	1,829.69	1/4	1,459.90	1/4	1,090.11	1/4	720.31	1/4	350.52
1/2		1/2	5,126.67	1/2	4,780.32	1/2	4,410.53	1/2	4,040.74	1/2	3,670.95	1/2	3,301.16	1/2	2,931.36	1/2	2,561.57	1/2	2,191.78	1/2	1,821.99	1/2	1,452.19	1/2	1,082.40	1/2	712.61	1/2	342.82
3/4		3/4	5,122.20	3/4	4,772.62	3/4	4,402.83	3/4	4,033.04	3/4	3,663.24	3/4	3,293.45	3/4	2,923.66	3/4	2,553.87	3/4	2,184.07	3/4	1,814.28	3/4	1,444.49	3/4	1,074.70	3/4	704.91	3/4	335.11
1		1	5,117.74	1	4,764.92	1	4,395.12	1	4,025.33	1	3,655.54	1	3,285.75	1	2,915.96	1	2,546.16	1	2,176.37	1	1,806.58	1	1,436.79	1	1,066.99	1	697.20	1	327.41
1/4		1/4	5,113.27	1/4	4,757.21	1/4	4,387.42	1/4	4,017.63	1/4	3,647.84	1/4	3,278.04	1/4	2,908.25	1/4	2,538.46	1/4	2,168.67	1/4	1,798.87	1/4	1,429.08	1/4	1,059.29	1/4	689.50	1/4	319.71
1/2		1/2	5,108.81	1/2	4,749.51	1/2	4,379.72	1/2	4,009.92	1/2	3,640.13	1/2	3,270.34	1/2	2,900.55	1/2	2,530.76	1/2	2,160.96	1/2	1,791.17	1/2	1,421.38	1/2	1,051.59	1/2	681.79	1/2	312.00
3/4		3/4	5,103.06	3/4	4,741.80	3/4	4,372.01	3/4	4,002.22	3/4	3,632.43	3/4	3,262.64	3/4	2,892.84	3/4	2,523.05	3/4	2,153.26	3/4	1,783.47	3/4	1,413.67	3/4	1,043.88	3/4	674.09	3/4	304.30
2		2	5,097.31	2	4,734.10	2	4,364.31	2	3,994.52	2	3,624.72	2	3,254.93	2	2,885.14	2	2,515.35	2	2,145.55	2	1,775.76	2	1,405.97	2	1,036.18	2	666.39	2	296.59
1/4		1/4	5,091.56	1/4	4,726.40	1/4	4,356.60	1/4	3,986.81	1/4	3,617.02	1/4	3,247.23	1/4	2,877.44	1/4	2,507.64	1/4	2,137.85	1/4	1,768.06	1/4	1,398.27	1/4	1,028.47	1/4	658.68	1/4	288.89
1/2		1/2	5,085.81	1/2	4,718.69	1/2	4,348.90	1/2	3,979.11	1/2	3,609.32	1/2	3,239.52	1/2	2,869.73	1/2	2,499.94	1/2	2,130.15	1/2	1,760.35	1/2	1,390.56	1/2	1,020.77	1/2	650.98	1/2	281.19
3/4		3/4	5,078.77	3/4	4,710.99	3/4	4,341.20	3/4	3,971.40	3/4	3,601.61	3/4	3,231.82	3/4	2,862.03	3/4	2,492.24	3/4	2,122.44	3/4	1,752.65	3/4	1,382.86	3/4	1,013.07	3/4	643.27	3/4	273.48
3		3	5,071.74	3	4,703.28	3	4,333.49	3	3,963.70	3	3,593.91	3	3,224.12	3	2,854.32	3	2,484.53	3	2,114.74	3	1,744.95	3	1,375.15	3	1,005.36	3	635.57	3	265.78
1/4		1/4	5,064.70	1/4	4,695.58	1/4	4,325.79	1/4	3,956.00	1/4	3,586.20	1/4	3,216.41	1/4	2,846.62	1/4	2,476.83	1/4	2,107.03	1/4	1,737.24	1/4	1,367.45	1/4	997.66	1/4	627.87	1/4	258.07
1/2		1/2	5,057.67	1/2	4,687.88	1/2	4,318.08	1/2	3,948.29	1/2	3,578.50	1/2	3,208.71	1/2	2,838.92	1/2	2,469.12	1/2	2,099.33	1/2	1,729.54	1/2	1,359.75	1/2	989.95	1/2	620.16	1/2	250.37
3/4		3/4	5,049.96	3/4	4,680.17	3/4	4,310.38	3/4	3,940.59	3/4	3,570.80	3/4	3,201.00	3/4	2,831.21	3/4	2,461.42	3/4	2,091.63	3/4	1,721.83	3/4	1,352.04	3/4	982.25	3/4	612.46	3/4	242.67
4		4	5,042.26	4	4,672.47	4	4,302.68	4	3,932.88	4	3,563.09	4	3,193.30	4	2,823.51	4	2,453.72	4	2,083.92	4	1,714.13	4	1,344.34	4	974.55	4	604.75	4	234.96
1/4		1/4	5,034.56	1/4	4,664.76	1/4	4,294.97	1/4	3,925.18	1/4	3,555.39	1/4	3,185.60	1/4	2,815.80	1/4	2,446.01	1/4	2,076.22	1/4	1,706.43	1/4	1,336.63	1/4	966.84	1/4	597.05	1/4	227.26
1/2		1/2	5,026.85	1/2	4,657.06	1/2	4,287.27	1/2	3,917.48	1/2	3,547.68	1/2	3,177.89	1/2	2,808.10	1/2	2,438.31	1/2	2,068.51	1/2	1,698.72	1/2	1,328.93	1/2	959.14	1/2	589.35	1/2	219.55
3/4		3/4	5,019.15	3/4	4,649.36	3/4	4,279.56	3/4	3,909.77	3/4	3,539.98	3/4	3,170.19	3/4	2,800.40	3/4	2,430.60	3/4	2,060.81	3/4	1,691.02	3/4	1,321.23	3/4	951.43	3/4	581.64	3/4	211.85
5		5	5,011.44	5	4,641.65	5	4,271.86	5	3,902.07	5	3,532.28	5	3,162.48	5	2,792.69	5	2,422.90	5	2,053.11	5	1,683.31	5	1,313.52	5	943.73	5	573.94	5	204.15
1/4		1/4	5,003.74	1/4	4,633.95	1/4	4,264.16	1/4	3,894.36	1/4	3,524.57	1/4	3,154.78	1/4	2,784.99	1/4	2,415.20	1/4	2,045.40	1/4	1,675.61	1/4	1,305.82	1/4	936.03	1/4	566.23	1/4	196.44
1/2		1/2	4,996.04	1/2	4,626.24	1/2	4,256.45	1/2	3,886.66	1/2	3,516.87	1/2	3,147.08	1/2	2,777.28	1/2	2,407.49	1/2	2,037.70	1/2	1,667.91	1/2	1,298.11	1/2	928.32	1/2	558.53	1/2	188.74
3/4		3/4	4,988.33	3/4	4,618.54	3/4	4,248.75	3/4	3,878.96	3/4	3,509.16	3/4	3,139.37	3/4	2,769.58	3/4	2,399.79	3/4	2,029.99	3/4	1,660.20	3/4	1,290.41	3/4	920.62	3/4	550.83	3/4	181.03
6		6	4,980.63	6	4,610.84	6	4,241.04	6	3,871.25	6	3,501.46	6	3,131.67	6	2,761.88	6	2,392.08	6	2,022.29	6	1,652.50	6	1,282.71	6	912.91	6	543.12	6	173.33
1/4		1/4	4,972.92	1/4	4,603.13	1/4	4,233.34	1/4	3,863.55	1/4	3,493.76	1/4	3,123.96	1/4	2,754.17	1/4	2,384.38	1/4	2,014.59	1/4	1,644.79	1/4	1,275.00	1/4	905.21	1/4	535.42	1/4	165.63
1/2		1/2	4,965.22	1/2	4,595.43	1/2	4,225.64	1/2	3,855.84	1/2	3,486.05	1/2	3,116.26	1/2	2,746.47	1/2	2,376.67	1/2	2,006.88	1/2	1,637.09	1/2	1,267.30	1/2	897.51	1/2	527.71	1/2	157.92
3/4		3/4	4,957.52	3/4	4,587.72	3/4	4,217.93	3/4	3,848.14	3/4	3,478.35	3/4	3,108.56	3/4	2,738.76	3/4	2,368.97	3/4	1,999.18	3/4	1,629.39	3/4	1,259.59	3/4	889.80	3/4	520.01	3/4	150.22
7		7	4,949.81	7	4,580.02	7	4,210.23	7	3,840.44	7	3,470.64	7	3,100.85	7	2,731.06	7	2,361.27	7	1,991.47	7	1,621.68	7	1,251.89	7	882.10	7	512.31	7	142.51
1/4		1/4	4,942.11	1/4	4,572.32	1/4	4,202.52	1/4	3,832.73	1/4	3,462.94	1/4	3,093.15	1/4	2,723.36	1/4	2,353.56	1/4	1,983.77	1/4	1,613.98	1/4	1,244.19	1/4	874.39	1/4	504.60	1/4	134.81
1/2		1/2	4,934.40	1/2	4,564.61	1/2	4,194.82	1/2	3,825.03	1/2	3,455.24	1/2	3,085.44	1/2	2,715.65	1/2	2,345.86	1/2	1,976.07	1/2	1,606.27	1/2	1,236.48	1/2	866.69	1/2	496.90	1/2	127.11
3/4		3/4	4,926.70	3/4	4,556.91	3/4	4,187.12	3/4	3,817.32	3/4	3,447.53	3/4	3,077.74	3/4	2,707.95	3/4	2,338.15	3/4	1,968.36	3/4	1,598.57	3/4	1,228.78	3/4	858.99	3/4	489.19	3/4	119.40
8		8	4,919.00	8	4,549.20	8	4,179.41	8	3,809.62	8	3,439.83	8	3,070.04	8	2,700.24	8	2,330.45	8	1,960.66	8	1,590.87	8	1,221.07	8	851.28	8	481.49	8	111.70
1/4		1/4	4,911.29	1/4	4,541.50	1/4	4,171.71	1/4	3,801.92	1/4	3,432.12	1/4	3,062.33	1/4	2,692.54	1/4	2,322.75	1/4	1,952.95	1/4	1,583.16	1/4	1,213.37	1/4	843.58	1/4	473.79	1/4	103.99
1/2		1/2	4,903.59	1/2	4,533.80	1/2	4,164.00	1/2	3,794.21	1/2	3,424.42	1/2	3,054.63	1/2	2,684.84	1/2	2,315.04	1/2	1,945.25	1/2	1,575.46	1/2	1,205.67	1/2	835.87	1/2	466.08	1/2	96.29
3/4		3/4	4,895.88	3/4	4,526.09	3/4	4,156.30	3/4	3,786.51	3/4	3,416.72	3/4	3,046.92	3/4	2,677.13	3/4	2,307.34	3/4	1,937.55	3/4	1,567.75	3/4	1,197.96	3/4	828.17	3/4	458.38	3/4	88.59
9		9	4,888.18	9	4,518.39	9	4,148.60	9	3,778.80	9	3,409.01	9	3,039.22	9	2,669.43	9	2,299.63	9	1,929.84	9	1,560.05	9	1,190.26	9	820.47	9	450.67	9	80.88
1/4		1/4	4,880.48	1/4	4,510.68	1/4	4,140.89	1/4	3,771.10	1/4	3,401.31	1/4	3,031.52	1/4	2,661.72	1/4	2,291.93	1/4	1,922.14	1/4	1,552.35	1/4	1,182.55	1/4	812.76	1/4	442.97	1/4	73.18
1/2	5,149.43	1/2	4,872.77	1/2	4,502.98	1/2	4,133.19	1/2	3,763.40	1/2	3,393.60	1/2	3,023.81	1/2	2,654.02	1/2	2,284.23	1/2	1,914.43	1/2	1,544.64	1/2	1,174.85	1/2	805.06	1/2	435.27	1/2	65.47
3/4	5,148.82	3/4	4,865.07	3/4	4,495.28	3/4	4,125.48	3/4	3,755.69	3/4	3,385.90	3/4	3,016.11	3/4	2,646.32	3/4	2,276.52	3/4	1,906.73	3/4	1,536.94	3/4	1,167.15	3/4	797.35	3/4	427.56	3/4	57.77
10	5,148.21	10	4,857.36	10	4,487.57	10	4,117.78	10	3,747.99	10	3,378.20	10	3,008.40	10	2,638.61	10	2,268.82	10	1,899.03	10	1,529.23	10	1,159.44	10	789.65	10	419.86	10	50.07
1/4	5,147.59	1/4	4,849.66	1/4	4,479.87	1/4	4,110.08	1/4	3,740.28	1/4	3,370.49	1/4	3,000.70	1/4	2,630.91	1/4	2,261.11	1/4	1,891.32	1/4	1,521.53	1/4	1,151.74	1/4	781.95	1/4	412.15	1/4	42.66
1/2	5,146.98	1/2	4,841.96	1/2	4,472.16	1/2	4,102.37	1/2	3,732.58	1/2	3,362.79	1/2	2,993.00	1/2	2,623.20	1/2	2,253.41	1/2	1,883.62	1/2	1,513.83	1/2	1,144.03	1/2	774.24	1/2	404.45	1/2	* 36.73
3/4	5,145.08	3/4	4,834.25	3/4	4,464.46	3/4	4,094.67	3/4	3,724.88	3/4	3,355.08	3/4	2,985.29	3/4	2,615.50	3/4	2,245.71	3/4	1,875.91	3/4	1,506.12	3/4	1,136.33	3/4	766.54	3/4	396.75	3/4	
11	5,143.19	11	4,826.55	11	4,456.76	11	4,086.96	11	3,717.17	11	3,347.38	11	2,977.59	11	2,607.80	11	2,238.00	11	1,868.21	11	1,498.42	11	1,128.63	11	758.83	11	389.04	11	
1/4	5,141.29	1/4	4,818.84	1/4	4,449.05	1/4	4,079.26	1/4	3,709.47	1/4	3,339.68	1/4	2,969.88	1/4	2,600.09	1/4	2,230.30	1/4	1,860.51	1/4	1,490.71	1/4	1,120.92	1/4	751.13	1/4	381.34	1/4	
1/2	5,139.39	1/2	4,811.14	1/2	4,441.35	1/2	4,071.56	1/2	3,701.76	1/2	3,331.97	1/2	2,962.18	1/2	2,592.39	1/2	2,222.59	1/2	1,852.80	1/2	1,483.01	1/2	1,113.22	1/2	743.43	1/2	373.63	1/2	
3/4	5,136.21	3/4	4,803.44	3/4	4,433.64	3/4	4,063.85	3/4	3,694.06	3/4	3,324.27	3/4	2,954.48	3/4	2,584.68	3/4	2,214.89	3/4	1,845.10	3/4	1,475.31	3/4	1,105.51	3/4	735.72	3/4	365.93	3/4	

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

STRAPPED: 5/18/95

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 14'-10 1/2" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION

FORM 114L15W REV # 2 7/99

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "EMS 319"
Enterprise Marine Services LLC

TANK NO. 2
PORT

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 326

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		0	5,134.65	0	4,787.76	0	4,417.39	0	4,047.03	0	3,676.66	0	3,306.29	0	2,935.92	0	2,565.55	0	2,195.19	0	1,824.82	0	1,454.45	0	1,084.08	0	713.72	0	343.35
1/4		1/4	5,130.18	1/4	4,780.05	1/4	4,409.68	1/4	4,039.31	1/4	3,668.94	1/4	3,298.57	1/4	2,928.21	1/4	2,557.84	1/4	2,187.47	1/4	1,817.10	1/4	1,446.73	1/4	1,076.37	1/4	706.00	1/4	335.63
1/2		1/2	5,125.71	1/2	4,772.33	1/2	4,401.96	1/2	4,031.59	1/2	3,661.23	1/2	3,290.86	1/2	2,920.49	1/2	2,550.12	1/2	2,179.75	1/2	1,809.39	1/2	1,439.02	1/2	1,068.65	1/2	698.28	1/2	327.91
3/4		3/4	5,121.23	3/4	4,764.61	3/4	4,394.25	3/4	4,023.88	3/4	3,653.51	3/4	3,283.14	3/4	2,912.77	3/4	2,542.41	3/4	2,172.04	3/4	1,801.67	3/4	1,431.30	3/4	1,060.94	3/4	690.57	3/4	320.20
1		1	5,116.76	1	4,756.90	1	4,386.53	1	4,016.16	1	3,645.79	1	3,275.43	1	2,905.06	1	2,534.69	1	2,164.32	1	1,793.95	1	1,423.59	1	1,053.22	1	682.85	1	312.48
1/4		1/4	5,111.00	1/4	4,749.18	1/4	4,378.81	1/4	4,008.45	1/4	3,638.08	1/4	3,267.71	1/4	2,897.34	1/4	2,526.97	1/4	2,156.61	1/4	1,786.24	1/4	1,415.87	1/4	1,045.50	1/4	675.14	1/4	304.77
1/2		1/2	5,105.24	1/2	4,741.47	1/2	4,371.10	1/2	4,000.73	1/2	3,630.36	1/2	3,259.99	1/2	2,889.63	1/2	2,519.26	1/2	2,148.89	1/2	1,778.52	1/2	1,408.15	1/2	1,037.79	1/2	667.42	1/2	297.05
3/4		3/4	5,099.48	3/4	4,733.75	3/4	4,363.38	3/4	3,993.01	3/4	3,622.65	3/4	3,252.28	3/4	2,881.91	3/4	2,511.54	3/4	2,141.17	3/4	1,770.81	3/4	1,400.44	3/4	1,030.07	3/4	659.70	3/4	289.33
2		2	5,093.72	2	4,726.03	2	4,355.67	2	3,985.30	2	3,614.93	2	3,244.56	2	2,874.19	2	2,503.83	2	2,133.46	2	1,763.09	2	1,392.72	2	1,022.36	2	651.99	2	281.62
1/4		1/4	5,086.68	1/4	4,718.32	1/4	4,347.95	1/4	3,977.58	1/4	3,607.21	1/4	3,236.85	1/4	2,866.48	1/4	2,496.11	1/4	2,125.74	1/4	1,755.37	1/4	1,385.01	1/4	1,014.64	1/4	644.27	1/4	273.90
1/2		1/2	5,079.63	1/2	4,710.60	1/2	4,340.23	1/2	3,969.87	1/2	3,599.50	1/2	3,229.13	1/2	2,858.76	1/2	2,488.39	1/2	2,118.03	1/2	1,747.66	1/2	1,377.29	1/2	1,006.92	1/2	636.55	1/2	266.19
3/4		3/4	5,072.59	3/4	4,702.89	3/4	4,332.52	3/4	3,962.15	3/4	3,591.78	3/4	3,221.41	3/4	2,851.05	3/4	2,480.68	3/4	2,110.31	3/4	1,739.94	3/4	1,369.58	3/4	999.21	3/4	628.84	3/4	258.47
3		3	5,065.54	3	4,695.17	3	4,324.80	3	3,954.43	3	3,584.07	3	3,213.70	3	2,843.33	3	2,472.96	3	2,102.59	3	1,732.23	3	1,361.86	3	991.49	3	621.12	3	250.75
1/4		1/4	5,057.82	1/4	4,687.45	1/4	4,317.09	1/4	3,946.72	1/4	3,576.35	1/4	3,205.98	1/4	2,835.61	1/4	2,465.25	1/4	2,094.88	1/4	1,724.51	1/4	1,354.14	1/4	983.78	1/4	613.41	1/4	243.04
1/2		1/2	5,050.11	1/2	4,679.74	1/2	4,309.37	1/2	3,939.00	1/2	3,568.63	1/2	3,198.27	1/2	2,827.90	1/2	2,457.53	1/2	2,087.16	1/2	1,716.79	1/2	1,346.43	1/2	976.06	1/2	605.69	1/2	235.32
3/4		3/4	5,042.39	3/4	4,672.02	3/4	4,301.65	3/4	3,931.29	3/4	3,560.92	3/4	3,190.55	3/4	2,820.18	3/4	2,449.81	3/4	2,079.45	3/4	1,709.08	3/4	1,338.71	3/4	968.34	3/4	597.97	3/4	227.61
4		4	5,034.68	4	4,664.31	4	4,293.94	4	3,923.57	4	3,553.20	4	3,182.83	4	2,812.47	4	2,442.10	4	2,071.73	4	1,701.36	4	1,331.00	4	960.63	4	590.26	4	219.89
1/4		1/4	5,026.96	1/4	4,656.59	1/4	4,286.22	1/4	3,915.85	1/4	3,545.49	1/4	3,175.12	1/4	2,804.75	1/4	2,434.38	1/4	2,064.01	1/4	1,693.65	1/4	1,323.28	1/4	952.91	1/4	582.54	1/4	212.17
1/2		1/2	5,019.24	1/2	4,648.87	1/2	4,278.51	1/2	3,908.14	1/2	3,537.77	1/2	3,167.40	1/2	2,797.03	1/2	2,426.67	1/2	2,056.30	1/2	1,685.93	1/2	1,315.56	1/2	945.20	1/2	574.83	1/2	204.46
3/4		3/4	5,011.53	3/4	4,641.16	3/4	4,270.79	3/4	3,900.42	3/4	3,530.05	3/4	3,159.69	3/4	2,789.32	3/4	2,418.95	3/4	2,048.58	3/4	1,678.21	3/4	1,307.85	3/4	937.48	3/4	567.11	3/4	196.74
5		5	5,003.81	5	4,633.44	5	4,263.07	5	3,892.71	5	3,522.34	5	3,151.97	5	2,781.60	5	2,411.23	5	2,040.87	5	1,670.50	5	1,300.13	5	929.76	5	559.39	5	189.03
1/4		1/4	4,996.10	1/4	4,625.73	1/4	4,255.36	1/4	3,884.99	1/4	3,514.62	1/4	3,144.25	1/4	2,773.89	1/4	2,403.52	1/4	2,033.15	1/4	1,662.78	1/4	1,292.42	1/4	922.05	1/4	551.68	1/4	181.31
1/2		1/2	4,988.38	1/2	4,618.01	1/2	4,247.64	1/2	3,877.27	1/2	3,506.91	1/2	3,136.54	1/2	2,766.17	1/2	2,395.80	1/2	2,025.43	1/2	1,655.07	1/2	1,284.70	1/2	914.33	1/2	543.96	1/2	173.59
3/4		3/4	4,980.66	3/4	4,610.29	3/4	4,239.93	3/4	3,869.56	3/4	3,499.19	3/4	3,128.82	3/4	2,758.45	3/4	2,388.09	3/4	2,017.72	3/4	1,647.35	3/4	1,276.98	3/4	906.62	3/4	536.25	3/4	165.88
6		6	4,972.95	6	4,602.58	6	4,232.21	6	3,861.84	6	3,491.47	6	3,121.11	6	2,750.74	6	2,380.37	6	2,010.00	6	1,639.63	6	1,269.27	6	898.90	6	528.53	6	158.16
1/4		1/4	4,965.23	1/4	4,594.86	1/4	4,224.49	1/4	3,854.13	1/4	3,483.76	1/4	3,113.39	1/4	2,743.02	1/4	2,372.65	1/4	2,002.29	1/4	1,631.92	1/4	1,261.55	1/4	891.18	1/4	520.81	1/4	150.45
1/2		1/2	4,957.52	1/2	4,587.15	1/2	4,216.78	1/2	3,846.41	1/2	3,476.04	1/2	3,105.67	1/2	2,735.31	1/2	2,364.94	1/2	1,994.57	1/2	1,624.20	1/2	1,253.84	1/2	883.47	1/2	513.10	1/2	142.73
3/4		3/4	4,949.80	3/4	4,579.43	3/4	4,209.06	3/4	3,838.69	3/4	3,468.33	3/4	3,097.96	3/4	2,727.59	3/4	2,357.22	3/4	1,986.85	3/4	1,616.49	3/4	1,246.12	3/4	875.75	3/4	505.38	3/4	135.01
7		7	4,942.08	7	4,571.71	7	4,201.35	7	3,830.98	7	3,460.61	7	3,090.24	7	2,719.87	7	2,349.51	7	1,979.14	7	1,608.77	7	1,238.40	7	868.04	7	497.67	7	127.30
1/4		1/4	4,934.37	1/4	4,564.00	1/4	4,193.63	1/4	3,823.26	1/4	3,452.89	1/4	3,082.53	1/4	2,712.16	1/4	2,341.79	1/4	1,971.42	1/4	1,601.05	1/4	1,230.69	1/4	860.32	1/4	489.95	1/4	119.58
1/2		1/2	4,926.65	1/2	4,556.28	1/2	4,185.91	1/2	3,815.55	1/2	3,445.18	1/2	3,074.81	1/2	2,704.44	1/2	2,334.07	1/2	1,963.71	1/2	1,593.34	1/2	1,222.97	1/2	852.60	1/2	482.23	1/2	111.87
3/4		3/4	4,918.93	3/4	4,548.57	3/4	4,178.20	3/4	3,807.83	3/4	3,437.46	3/4	3,067.09	3/4	2,696.73	3/4	2,326.36	3/4	1,955.99	3/4	1,585.62	3/4	1,215.26	3/4	844.89	3/4	474.52	3/4	104.15
8		8	4,911.22	8	4,540.85	8	4,170.48	8	3,800.11	8	3,429.75	8	3,059.38	8	2,689.01	8	2,318.64	8	1,948.27	8	1,577.91	8	1,207.54	8	837.17	8	466.80	8	96.43
1/4		1/4	4,903.50	1/4	4,533.13	1/4	4,162.77	1/4	3,792.40	1/4	3,422.03	1/4	3,051.66	1/4	2,681.29	1/4	2,310.93	1/4	1,940.56	1/4	1,570.19	1/4	1,199.82	1/4	829.46	1/4	459.09	1/4	88.72
1/2		1/2	4,895.79	1/2	4,525.42	1/2	4,155.05	1/2	3,784.68	1/2	3,414.31	1/2	3,043.95	1/2	2,673.58	1/2	2,303.21	1/2	1,932.84	1/2	1,562.47	1/2	1,192.11	1/2	821.74	1/2	451.37	1/2	81.00
3/4		3/4	4,888.07	3/4	4,517.70	3/4	4,147.33	3/4	3,776.97	3/4	3,406.60	3/4	3,036.23	3/4	2,665.86	3/4	2,295.49	3/4	1,925.13	3/4	1,554.76	3/4	1,184.39	3/4	814.02	3/4	443.65	3/4	73.29
9	5,157.46	9	4,880.35	9	4,509.99	9	4,139.62	9	3,769.25	9	3,398.88	9	3,028.51	9	2,658.15	9	2,287.78	9	1,917.41	9	1,547.04	9	1,176.68	9	806.31	9	435.94	9	65.57
1/4	5,156.84	1/4	4,872.64	1/4	4,502.27	1/4	4,131.90	1/4	3,761.53	1/4	3,391.17	1/4	3,020.80	1/4	2,650.43	1/4	2,280.06	1/4	1,909.69	1/4	1,539.33	1/4	1,168.96	1/4	798.59	1/4	428.22	1/4	57.85
1/2	5,156.23	1/2	4,864.92	1/2	4,494.55	1/2	4,124.19	1/2	3,753.82	1/2	3,383.45	1/2	3,013.08	1/2	2,642.71	1/2	2,272.35	1/2	1,901.98	1/2	1,531.61	1/2	1,161.24	1/2	790.88	1/2	420.51	1/2	50.14
3/4	5,155.61	3/4	4,857.21	3/4	4,486.84	3/4	4,116.47	3/4	3,746.10	3/4	3,375.73	3/4	3,005.37	3/4	2,635.00	3/4	2,264.63	3/4	1,894.26	3/4	1,523.89	3/4	1,153.53	3/4	783.16	3/4	412.79	3/4	42.72
10	5,155.00	10	4,849.49	10	4,479.12	10	4,108.75	10	3,738.39	10	3,368.02	10	2,997.65	10	2,627.28	10	2,256.91	10	1,886.55	10	1,516.18	10	1,145.81	10	775.44	10	405.07	10	36.78
1/4	5,153.10	1/4	4,841.77	1/4	4,471.41	1/4	4,101.04	1/4	3,730.67	1/4	3,360.30	1/4	2,989.93	1/4	2,619.57	1/4	2,249.20	1/4	1,878.83	1/4	1,508.46	1/4	1,138.10	1/4	767.73	1/4	397.36	1/4	30.85
1/2	5,151.20	1/2	4,834.06	1/2	4,463.69	1/2	4,093.32	1/2	3,722.95	1/2	3,352.59	1/2	2,982.22	1/2	2,611.85	1/2	2,241.48	1/2	1,871.11	1/2	1,500.75	1/2	1,130.38	1/2	760.01	1/2	389.64	1/2	* 24.91
3/4	5,149.30	3/4	4,826.34	3/4	4,455.97	3/4	4,085.61	3/4	3,715.24	3/4	3,344.87	3/4	2,974.50	3/4	2,604.13	3/4	2,233.77	3/4	1,863.40	3/4	1,493.03	3/4	1,122.66	3/4	752.30	3/4	381.93	3/4	
11	5,147.40	11	4,818.63	11	4,448.26	11	4,077.89	11	3,707.52	11	3,337.15	11	2,966.79	11	2,596.42	11	2,226.05	11	1,855.68	11	1,485.31	11	1,114.95	11	744.58	11	374.21	11	
1/4	5,144.21	1/4	4,810.91	1/4	4,440.54	1/4	4,070.17	1/4	3,699.81	1/4	3,329.44	1/4	2,959.07	1/4	2,588.70	1/4	2,218.33	1/4	1,847.97	1/4	1,477.60	1/4	1,107.23	1/4	736.86	1/4	366.49	1/4	
1/2	5,141.03	1/2	4,803.19	1/2	4,432.83	1/2	4,062.46	1/2	3,692.09	1/2	3,321.72	1/2	2,951.35	1/2	2,580.99	1/2	2,210.62	1/2	1,840.25	1/2	1,469.88	1/2	1,099.52	1/2	729.15	1/2	358.78	1/2	
3/4	5,137.84	3/4	4,795.48	3/4	4,425.11	3/4	4,054.74	3/4	3,684.37	3/4	3,314.01	3/4	2,943.64	3/4	2,573.27	3/4	2,202.90	3/4	1,832.53	3/4	1,462.17	3/4	1,091.80	3/4	721.43	3/4	351.06	3/4	

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

STRAPPED: 5/18/95

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 14'-10 1/2" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

FORM 1-4L15A REV #2 7 98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "EMS 319"
Enterprise Marine Services LLC

TANK NO. 2 STAR

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 326

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		0	5,137.84	0	4,795.48	0	4,425.11	0	4,054.74	0	3,684.37	0	3,314.01	0	2,943.64	0	2,573.27	0	2,202.90	0	1,832.53	0	1,462.17	0	1,091.80	0	721.43	0	351.06
1/4		1/4	5,134.65	1/4	4,787.76	1/4	4,417.39	1/4	4,047.03	1/4	3,676.66	1/4	3,306.29	1/4	2,935.92	1/4	2,565.55	1/4	2,195.19	1/4	1,824.82	1/4	1,454.45	1/4	1,084.08	1/4	713.72	1/4	343.35
1/2		1/2	5,130.18	1/2	4,780.05	1/2	4,409.68	1/2	4,039.31	1/2	3,668.94	1/2	3,298.57	1/2	2,928.21	1/2	2,557.84	1/2	2,187.47	1/2	1,817.10	1/2	1,446.73	1/2	1,076.37	1/2	706.00	1/2	335.63
3/4		3/4	5,125.71	3/4	4,772.33	3/4	4,401.96	3/4	4,031.59	3/4	3,661.23	3/4	3,290.86	3/4	2,920.49	3/4	2,550.12	3/4	2,179.75	3/4	1,809.39	3/4	1,439.02	3/4	1,068.65	3/4	698.28	3/4	327.91
1		1	5,121.23	1	4,764.61	1	4,394.25	1	4,023.88	1	3,653.51	1	3,283.14	1	2,912.77	1	2,542.41	1	2,172.04	1	1,801.67	1	1,431.30	1	1,060.94	1	690.57	1	320.20
1/4		1/4	5,116.76	1/4	4,756.90	1/4	4,386.53	1/4	4,016.16	1/4	3,645.79	1/4	3,275.43	1/4	2,905.06	1/4	2,534.69	1/4	2,164.32	1/4	1,793.95	1/4	1,423.59	1/4	1,053.22	1/4	682.85	1/4	312.48
1/2		1/2	5,111.00	1/2	4,749.18	1/2	4,378.81	1/2	4,008.45	1/2	3,638.08	1/2	3,267.71	1/2	2,897.34	1/2	2,526.97	1/2	2,156.61	1/2	1,786.24	1/2	1,415.87	1/2	1,045.50	1/2	675.14	1/2	304.77
3/4		3/4	5,105.24	3/4	4,741.47	3/4	4,371.10	3/4	4,000.73	3/4	3,630.36	3/4	3,259.99	3/4	2,889.63	3/4	2,519.26	3/4	2,148.89	3/4	1,778.52	3/4	1,408.15	3/4	1,037.79	3/4	667.42	3/4	297.05
2		2	5,099.48	2	4,733.75	2	4,363.38	2	3,993.01	2	3,622.65	2	3,252.28	2	2,881.91	2	2,511.54	2	2,141.17	2	1,770.81	2	1,400.44	2	1,030.07	2	659.70	2	289.33
1/4		1/4	5,093.72	1/4	4,726.03	1/4	4,355.67	1/4	3,985.30	1/4	3,614.93	1/4	3,244.56	1/4	2,874.19	1/4	2,503.83	1/4	2,133.46	1/4	1,763.09	1/4	1,392.72	1/4	1,022.36	1/4	651.99	1/4	281.62
1/2		1/2	5,086.68	1/2	4,718.32	1/2	4,347.95	1/2	3,977.58	1/2	3,607.21	1/2	3,236.85	1/2	2,866.48	1/2	2,496.11	1/2	2,125.74	1/2	1,755.37	1/2	1,385.01	1/2	1,014.64	1/2	644.27	1/2	273.90
3/4		3/4	5,079.63	3/4	4,710.60	3/4	4,340.23	3/4	3,969.87	3/4	3,599.50	3/4	3,229.13	3/4	2,858.76	3/4	2,488.39	3/4	2,118.03	3/4	1,747.66	3/4	1,377.29	3/4	1,006.92	3/4	636.55	3/4	266.19
3		3	5,072.59	3	4,702.89	3	4,332.52	3	3,962.15	3	3,591.78	3	3,221.41	3	2,851.05	3	2,480.68	3	2,110.31	3	1,739.94	3	1,369.58	3	999.21	3	628.84	3	258.47
1/4		1/4	5,065.54	1/4	4,695.17	1/4	4,324.80	1/4	3,954.43	1/4	3,584.07	1/4	3,213.70	1/4	2,843.33	1/4	2,472.96	1/4	2,102.59	1/4	1,732.23	1/4	1,361.86	1/4	991.49	1/4	621.12	1/4	250.75
1/2		1/2	5,057.82	1/2	4,687.45	1/2	4,317.09	1/2	3,946.72	1/2	3,576.35	1/2	3,205.98	1/2	2,835.61	1/2	2,465.25	1/2	2,094.88	1/2	1,724.51	1/2	1,354.14	1/2	983.78	1/2	613.41	1/2	243.04
3/4		3/4	5,050.11	3/4	4,679.74	3/4	4,309.37	3/4	3,939.00	3/4	3,568.63	3/4	3,198.27	3/4	2,827.90	3/4	2,457.53	3/4	2,087.16	3/4	1,716.79	3/4	1,346.43	3/4	976.06	3/4	605.69	3/4	235.32
4		4	5,042.39	4	4,672.02	4	4,301.65	4	3,931.29	4	3,560.92	4	3,190.55	4	2,820.18	4	2,449.81	4	2,079.45	4	1,709.08	4	1,338.71	4	968.34	4	597.97	4	227.61
1/4		1/4	5,034.68	1/4	4,664.31	1/4	4,293.94	1/4	3,923.57	1/4	3,553.20	1/4	3,182.83	1/4	2,812.47	1/4	2,442.10	1/4	2,071.73	1/4	1,701.36	1/4	1,331.00	1/4	960.63	1/4	590.26	1/4	219.89
1/2		1/2	5,026.96	1/2	4,656.59	1/2	4,286.22	1/2	3,915.85	1/2	3,545.49	1/2	3,175.12	1/2	2,804.75	1/2	2,434.38	1/2	2,064.01	1/2	1,693.65	1/2	1,323.28	1/2	952.91	1/2	582.54	1/2	212.17
3/4		3/4	5,019.24	3/4	4,648.87	3/4	4,278.51	3/4	3,908.14	3/4	3,537.77	3/4	3,167.40	3/4	2,797.03	3/4	2,426.67	3/4	2,056.30	3/4	1,685.93	3/4	1,315.56	3/4	945.20	3/4	574.83	3/4	204.46
5		5	5,011.53	5	4,641.16	5	4,270.79	5	3,900.42	5	3,530.05	5	3,159.69	5	2,789.32	5	2,418.95	5	2,048.58	5	1,678.21	5	1,307.85	5	937.48	5	567.11	5	196.74
1/4		1/4	5,003.81	1/4	4,633.44	1/4	4,263.07	1/4	3,892.71	1/4	3,522.34	1/4	3,151.97	1/4	2,781.60	1/4	2,411.23	1/4	2,040.87	1/4	1,670.50	1/4	1,300.13	1/4	929.76	1/4	559.39	1/4	189.03
1/2		1/2	4,996.10	1/2	4,625.73	1/2	4,255.36	1/2	3,884.99	1/2	3,514.62	1/2	3,144.25	1/2	2,773.89	1/2	2,403.52	1/2	2,033.15	1/2	1,662.78	1/2	1,292.42	1/2	922.05	1/2	551.68	1/2	181.31
3/4		3/4	4,988.38	3/4	4,618.01	3/4	4,247.64	3/4	3,877.27	3/4	3,506.91	3/4	3,136.54	3/4	2,766.17	3/4	2,395.80	3/4	2,025.43	3/4	1,655.07	3/4	1,284.70	3/4	914.33	3/4	543.96	3/4	173.59
6		6	4,980.66	6	4,610.29	6	4,239.93	6	3,869.56	6	3,499.19	6	3,128.82	6	2,758.45	6	2,388.09	6	2,017.72	6	1,647.35	6	1,276.98	6	906.62	6	536.25	6	165.88
1/4		1/4	4,972.95	1/4	4,602.58	1/4	4,232.21	1/4	3,861.84	1/4	3,491.47	1/4	3,121.11	1/4	2,750.74	1/4	2,380.37	1/4	2,010.00	1/4	1,639.63	1/4	1,269.27	1/4	898.90	1/4	528.53	1/4	158.16
1/2		1/2	4,965.23	1/2	4,594.86	1/2	4,224.49	1/2	3,854.13	1/2	3,483.76	1/2	3,113.39	1/2	2,743.02	1/2	2,372.65	1/2	2,002.29	1/2	1,631.92	1/2	1,261.55	1/2	891.18	1/2	520.81	1/2	150.45
3/4		3/4	4,957.52	3/4	4,587.15	3/4	4,216.78	3/4	3,846.41	3/4	3,476.04	3/4	3,105.67	3/4	2,735.31	3/4	2,364.94	3/4	1,994.57	3/4	1,624.20	3/4	1,253.84	3/4	883.47	3/4	513.10	3/4	142.73
7		7	4,949.80	7	4,579.43	7	4,209.06	7	3,838.69	7	3,468.33	7	3,097.96	7	2,727.59	7	2,357.22	7	1,986.85	7	1,616.49	7	1,246.12	7	875.75	7	505.38	7	135.01
1/4		1/4	4,942.08	1/4	4,571.71	1/4	4,201.35	1/4	3,830.98	1/4	3,460.61	1/4	3,090.24	1/4	2,719.87	1/4	2,349.51	1/4	1,979.14	1/4	1,608.77	1/4	1,238.40	1/4	868.04	1/4	497.67	1/4	127.30
1/2		1/2	4,934.37	1/2	4,564.00	1/2	4,193.63	1/2	3,823.26	1/2	3,452.89	1/2	3,082.53	1/2	2,712.16	1/2	2,341.79	1/2	1,971.42	1/2	1,601.05	1/2	1,230.69	1/2	860.32	1/2	489.95	1/2	119.58
3/4		3/4	4,926.65	3/4	4,556.28	3/4	4,185.91	3/4	3,815.55	3/4	3,445.18	3/4	3,074.81	3/4	2,704.44	3/4	2,334.07	3/4	1,963.71	3/4	1,593.34	3/4	1,222.97	3/4	852.60	3/4	482.23	3/4	111.87
8		8	4,918.93	8	4,548.57	8	4,178.20	8	3,807.83	8	3,437.46	8	3,067.09	8	2,696.73	8	2,326.36	8	1,955.99	8	1,585.62	8	1,215.26	8	844.89	8	474.52	8	104.15
1/4		1/4	4,911.22	1/4	4,540.85	1/4	4,170.48	1/4	3,800.11	1/4	3,429.75	1/4	3,059.38	1/4	2,689.01	1/4	2,318.64	1/4	1,948.27	1/4	1,577.91	1/4	1,207.54	1/4	837.17	1/4	466.80	1/4	96.43
1/2		1/2	4,903.50	1/2	4,533.13	1/2	4,162.77	1/2	3,792.40	1/2	3,422.03	1/2	3,051.66	1/2	2,681.29	1/2	2,310.93	1/2	1,940.56	1/2	1,570.19	1/2	1,199.82	1/2	829.46	1/2	459.09	1/2	88.72
3/4		3/4	4,895.79	3/4	4,525.42	3/4	4,155.05	3/4	3,784.68	3/4	3,414.31	3/4	3,043.95	3/4	2,673.58	3/4	2,303.21	3/4	1,932.84	3/4	1,562.47	3/4	1,192.11	3/4	821.74	3/4	451.37	3/4	81.00
9		9	4,888.07	9	4,517.70	9	4,147.33	9	3,776.97	9	3,406.60	9	3,036.23	9	2,665.86	9	2,295.49	9	1,925.13	9	1,554.76	9	1,184.39	9	814.02	9	443.65	9	73.29
1/4	5,157.46	1/4	4,880.35	1/4	4,509.99	1/4	4,139.62	1/4	3,769.25	1/4	3,398.88	1/4	3,028.51	1/4	2,658.15	1/4	2,287.78	1/4	1,917.41	1/4	1,547.04	1/4	1,176.68	1/4	806.31	1/4	435.94	1/4	65.57
1/2	5,156.84	1/2	4,872.64	1/2	4,502.27	1/2	4,131.90	1/2	3,761.53	1/2	3,391.17	1/2	3,020.80	1/2	2,650.43	1/2	2,280.06	1/2	1,909.69	1/2	1,539.33	1/2	1,168.96	1/2	798.59	1/2	428.22	1/2	57.85
3/4	5,156.23	3/4	4,864.92	3/4	4,494.55	3/4	4,124.19	3/4	3,753.82	3/4	3,383.45	3/4	3,013.08	3/4	2,642.71	3/4	2,272.35	3/4	1,901.98	3/4	1,531.61	3/4	1,161.24	3/4	790.88	3/4	420.51	3/4	50.14
10	5,155.61	10	4,857.21	10	4,486.84	10	4,116.47	10	3,746.10	10	3,375.73	10	3,005.37	10	2,635.00	10	2,264.63	10	1,894.26	10	1,523.89	10	1,153.53	10	783.16	10	412.79	10	42.72
1/4	5,155.00	1/4	4,849.49	1/4	4,479.12	1/4	4,108.75	1/4	3,738.39	1/4	3,368.02	1/4	2,997.65	1/4	2,627.28	1/4	2,256.91	1/4	1,886.55	1/4	1,516.18	1/4	1,145.81	1/4	775.44	1/4	405.07	1/4	36.78
1/2	5,153.10	1/2	4,841.77	1/2	4,471.41	1/2	4,101.04	1/2	3,730.67	1/2	3,360.30	1/2	2,989.93	1/2	2,619.57	1/2	2,249.20	1/2	1,878.83	1/2	1,508.46	1/2	1,138.10	1/2	767.73	1/2	397.36	1/2	30.85
3/4	5,151.20	3/4	4,834.06	3/4	4,463.69	3/4	4,093.32	3/4	3,722.95	3/4	3,352.59	3/4	2,982.22	3/4	2,611.85	3/4	2,241.48	3/4	1,871.11	3/4	1,500.75	3/4	1,130.38	3/4	760.01	3/4	389.64	3/4	* 24.91
11	5,149.30	11	4,826.34	11	4,455.97	11	4,085.61	11	3,715.24	11	3,344.87	11	2,974.50	11	2,604.13	11	2,233.77	11	1,863.40	11	1,493.03	11	1,122.66	11	752.30	11	381.93	11	
1/4	5,147.40	1/4	4,818.63	1/4	4,448.26	1/4	4,077.89	1/4	3,707.52	1/4	3,337.15	1/4	2,966.79	1/4	2,596.42	1/4	2,226.05	1/4	1,855.68	1/4	1,485.31	1/4	1,114.95	1/4	744.58	1/4	374.21	1/4	
1/2	5,144.21	1/2	4,810.91	1/2	4,440.54	1/2	4,070.17	1/2	3,699.81	1/2	3,329.44	1/2	2,959.07	1/2	2,588.70	1/2	2,218.33	1/2	1,847.97	1/2	1,477.60	1/2	1,107.23	1/2	736.86	1/2	366.49	1/2	
3/4	5,141.03	3/4	4,803.19	3/4	4,432.83	3/4	4,062.46	3/4	3,692.09	3/4	3,321.72	3/4	2,951.35	3/4	2,580.99	3/4	2,210.62	3/4	1,840.25	3/4	1,469.88	3/4	1,099.52	3/4	729.15	3/4	358.78	3/4	

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

STRAPPED: 5/18/95

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT 14'-10 3/4" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION

FORM 114L15W REV #2 7/96

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "EMS 319"
Enterprise Marine Services LLC

TANK NO. 3
PORT

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 326

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		0	4,514.00	0	4,297.71	0	4,068.80	0	3,839.89	0	3,610.98	0	3,309.27	0	2,937.70	0	2,566.13	0	2,194.56	0	1,822.99	0	1,451.43	0	1,079.86	0	708.29	0	336.72
1/4		1/4	4,511.24	1/4	4,292.94	1/4	4,064.03	1/4	3,835.12	1/4	3,606.21	1/4	3,301.52	1/4	2,929.96	1/4	2,558.39	1/4	2,186.82	1/4	1,815.25	1/4	1,443.68	1/4	1,072.12	1/4	700.55	1/4	328.98
1/2		1/2	4,508.49	1/2	4,288.17	1/2	4,059.26	1/2	3,830.35	1/2	3,601.44	1/2	3,293.78	1/2	2,922.22	1/2	2,550.65	1/2	2,179.08	1/2	1,807.51	1/2	1,435.94	1/2	1,064.38	1/2	692.81	1/2	321.24
3/4		3/4	4,505.74	3/4	4,283.40	3/4	4,054.49	3/4	3,825.58	3/4	3,596.67	3/4	3,286.04	3/4	2,914.47	3/4	2,542.91	3/4	2,171.34	3/4	1,799.77	3/4	1,428.20	3/4	1,056.63	3/4	685.07	3/4	313.50
1		1	4,502.19	1	4,278.63	1	4,049.72	1	3,820.81	1	3,591.90	1	3,278.30	1	2,906.73	1	2,535.17	1	2,163.60	1	1,792.03	1	1,420.46	1	1,048.89	1	677.33	1	305.76
1/4		1/4	4,498.64	1/4	4,273.87	1/4	4,044.95	1/4	3,816.04	1/4	3,587.13	1/4	3,270.56	1/4	2,898.99	1/4	2,527.42	1/4	2,155.86	1/4	1,784.29	1/4	1,412.72	1/4	1,041.15	1/4	669.58	1/4	298.02
1/2		1/2	4,495.09	1/2	4,269.10	1/2	4,040.18	1/2	3,811.27	1/2	3,582.36	1/2	3,262.82	1/2	2,891.25	1/2	2,519.68	1/2	2,148.12	1/2	1,776.55	1/2	1,404.98	1/2	1,033.41	1/2	661.84	1/2	290.28
3/4		3/4	4,491.54	3/4	4,264.33	3/4	4,035.42	3/4	3,806.50	3/4	3,577.59	3/4	3,255.08	3/4	2,883.51	3/4	2,511.94	3/4	2,140.37	3/4	1,768.81	3/4	1,397.24	3/4	1,025.67	3/4	654.10	3/4	282.53
2		2	4,487.20	2	4,259.56	2	4,030.65	2	3,801.74	2	3,572.82	2	3,247.34	2	2,875.77	2	2,504.20	2	2,132.63	2	1,761.07	2	1,389.50	2	1,017.93	2	646.36	2	274.79
1/4		1/4	4,482.85	1/4	4,254.79	1/4	4,025.88	1/4	3,796.97	1/4	3,568.05	1/4	3,239.60	1/4	2,868.03	1/4	2,496.46	1/4	2,124.89	1/4	1,753.32	1/4	1,381.76	1/4	1,010.19	1/4	638.62	1/4	267.05
1/2		1/2	4,478.51	1/2	4,250.02	1/2	4,021.11	1/2	3,792.20	1/2	3,563.29	1/2	3,231.86	1/2	2,860.29	1/2	2,488.72	1/2	2,117.15	1/2	1,745.58	1/2	1,374.02	1/2	1,002.45	1/2	630.88	1/2	259.31
3/4		3/4	4,474.16	3/4	4,245.25	3/4	4,016.34	3/4	3,787.43	3/4	3,558.52	3/4	3,224.11	3/4	2,852.55	3/4	2,480.98	3/4	2,109.41	3/4	1,737.84	3/4	1,366.27	3/4	994.71	3/4	623.14	3/4	251.57
3		3	4,469.40	3	4,240.48	3	4,011.57	3	3,782.66	3	3,553.75	3	3,216.37	3	2,844.81	3	2,473.24	3	2,101.67	3	1,730.10	3	1,358.53	3	986.97	3	615.40	3	243.83
1/4		1/4	4,464.63	1/4	4,235.71	1/4	4,006.80	1/4	3,777.89	1/4	3,548.78	1/4	3,208.63	1/4	2,837.06	1/4	2,465.50	1/4	2,093.93	1/4	1,722.36	1/4	1,350.79	1/4	979.22	1/4	607.66	1/4	236.09
1/2		1/2	4,459.86	1/2	4,230.94	1/2	4,002.03	1/2	3,773.12	1/2	3,543.82	1/2	3,200.89	1/2	2,829.32	1/2	2,457.76	1/2	2,086.19	1/2	1,714.62	1/2	1,343.05	1/2	971.48	1/2	599.92	1/2	228.35
3/4		3/4	4,455.09	3/4	4,226.18	3/4	3,997.26	3/4	3,768.35	3/4	3,538.86	3/4	3,193.15	3/4	2,821.58	3/4	2,450.01	3/4	2,078.45	3/4	1,706.88	3/4	1,335.31	3/4	963.74	3/4	592.17	3/4	220.61
4		4	4,450.32	4	4,221.41	4	3,992.49	4	3,763.58	4	3,533.44	4	3,185.41	4	2,813.84	4	2,442.27	4	2,070.71	4	1,699.14	4	1,327.57	4	956.00	4	584.43	4	212.87
1/4		1/4	4,445.55	1/4	4,216.64	1/4	3,987.73	1/4	3,758.81	1/4	3,528.03	1/4	3,177.67	1/4	2,806.10	1/4	2,434.53	1/4	2,062.96	1/4	1,691.40	1/4	1,319.83	1/4	948.26	1/4	576.69	1/4	205.12
1/2		1/2	4,440.78	1/2	4,211.87	1/2	3,982.96	1/2	3,754.05	1/2	3,522.61	1/2	3,169.93	1/2	2,798.36	1/2	2,426.79	1/2	2,055.22	1/2	1,683.66	1/2	1,312.09	1/2	940.52	1/2	568.95	1/2	197.38
3/4		3/4	4,436.01	3/4	4,207.10	3/4	3,978.19	3/4	3,749.28	3/4	3,517.20	3/4	3,162.19	3/4	2,790.62	3/4	2,419.05	3/4	2,047.48	3/4	1,675.91	3/4	1,304.35	3/4	932.78	3/4	561.21	3/4	189.64
5		5	4,431.24	5	4,202.33	5	3,973.42	5	3,744.51	5	3,511.27	5	3,154.45	5	2,782.88	5	2,411.31	5	2,039.74	5	1,668.17	5	1,296.61	5	925.04	5	553.47	5	181.90
1/4		1/4	4,426.47	1/4	4,197.56	1/4	3,968.65	1/4	3,739.74	1/4	3,505.33	1/4	3,146.70	1/4	2,775.14	1/4	2,403.57	1/4	2,032.00	1/4	1,660.43	1/4	1,288.86	1/4	917.30	1/4	545.73	1/4	174.16
1/2		1/2	4,421.71	1/2	4,192.79	1/2	3,963.88	1/2	3,734.97	1/2	3,499.40	1/2	3,138.96	1/2	2,767.40	1/2	2,395.83	1/2	2,024.26	1/2	1,652.69	1/2	1,281.12	1/2	909.56	1/2	537.99	1/2	166.42
3/4		3/4	4,416.94	3/4	4,188.02	3/4	3,959.11	3/4	3,730.20	3/4	3,493.47	3/4	3,131.22	3/4	2,759.65	3/4	2,388.09	3/4	2,016.52	3/4	1,644.95	3/4	1,273.38	3/4	901.81	3/4	530.25	3/4	158.68
6		6	4,412.17	6	4,183.25	6	3,954.34	6	3,725.43	6	3,487.02	6	3,123.48	6	2,751.91	6	2,380.35	6	2,008.78	6	1,637.21	6	1,265.64	6	894.07	6	522.51	6	150.94
1/4		1/4	4,407.40	1/4	4,178.49	1/4	3,949.57	1/4	3,720.66	1/4	3,480.57	1/4	3,115.74	1/4	2,744.17	1/4	2,372.60	1/4	2,001.04	1/4	1,629.47	1/4	1,257.90	1/4	886.33	1/4	514.76	1/4	143.20
1/2		1/2	4,402.63	1/2	4,173.72	1/2	3,944.80	1/2	3,715.89	1/2	3,474.12	1/2	3,108.00	1/2	2,736.43	1/2	2,364.86	1/2	1,993.30	1/2	1,621.73	1/2	1,250.16	1/2	878.59	1/2	507.02	1/2	135.46
3/4		3/4	4,397.86	3/4	4,168.95	3/4	3,940.04	3/4	3,711.12	3/4	3,467.67	3/4	3,100.26	3/4	2,728.69	3/4	2,357.12	3/4	1,985.55	3/4	1,613.99	3/4	1,242.42	3/4	870.85	3/4	499.28	3/4	127.71
7		7	4,393.09	7	4,164.18	7	3,935.27	7	3,706.36	7	3,460.71	7	3,092.52	7	2,720.95	7	2,349.38	7	1,977.81	7	1,606.25	7	1,234.68	7	863.11	7	491.54	7	119.97
1/4		1/4	4,388.32	1/4	4,159.41	1/4	3,930.50	1/4	3,701.59	1/4	3,453.74	1/4	3,084.78	1/4	2,713.21	1/4	2,341.64	1/4	1,970.07	1/4	1,598.50	1/4	1,226.94	1/4	855.37	1/4	483.80	1/4	112.23
1/2		1/2	4,383.55	1/2	4,154.64	1/2	3,925.73	1/2	3,696.82	1/2	3,446.78	1/2	3,077.04	1/2	2,705.47	1/2	2,333.90	1/2	1,962.33	1/2	1,590.76	1/2	1,219.20	1/2	847.63	1/2	476.06	1/2	104.49
3/4		3/4	4,378.78	3/4	4,149.87	3/4	3,920.96	3/4	3,692.05	3/4	3,439.81	3/4	3,069.29	3/4	2,697.73	3/4	2,326.16	3/4	1,954.59	3/4	1,583.02	3/4	1,211.45	3/4	839.89	3/4	468.32	3/4	96.75
8		8	4,374.02	8	4,145.10	8	3,916.19	8	3,687.28	8	3,432.33	8	3,061.55	8	2,689.99	8	2,318.42	8	1,946.85	8	1,575.28	8	1,203.71	8	832.15	8	460.58	8	89.01
1/4		1/4	4,369.25	1/4	4,140.33	1/4	3,911.42	1/4	3,682.51	1/4	3,424.85	1/4	3,053.81	1/4	2,682.24	1/4	2,310.68	1/4	1,939.11	1/4	1,567.54	1/4	1,195.97	1/4	824.40	1/4	452.84	1/4	81.27
1/2		1/2	4,364.48	1/2	4,135.56	1/2	3,906.65	1/2	3,677.74	1/2	3,417.38	1/2	3,046.07	1/2	2,674.50	1/2	2,302.94	1/2	1,931.37	1/2	1,559.80	1/2	1,188.23	1/2	816.66	1/2	445.10	1/2	73.53
3/4	4,530.71	3/4	4,359.71	3/4	4,130.80	3/4	3,901.88	3/4	3,672.97	3/4	3,409.90	3/4	3,038.33	3/4	2,666.76	3/4	2,295.19	3/4	1,923.63	3/4	1,552.06	3/4	1,180.49	3/4	808.92	3/4	437.35	3/4	65.79
9	4,530.34	9	4,354.94	9	4,126.03	9	3,897.11	9	3,668.20	9	3,402.16	9	3,030.59	9	2,659.02	9	2,287.45	9	1,915.89	9	1,544.32	9	1,172.75	9	801.18	9	429.61	9	58.05
1/4	4,529.98	1/4	4,350.17	1/4	4,121.26	1/4	3,892.35	1/4	3,663.43	1/4	3,394.42	1/4	3,022.85	1/4	2,651.28	1/4	2,279.71	1/4	1,908.14	1/4	1,536.58	1/4	1,165.01	1/4	793.44	1/4	421.87	1/4	50.30
1/2	4,529.61	1/2	4,345.40	1/2	4,116.49	1/2	3,887.58	1/2	3,658.67	1/2	3,386.68	1/2	3,015.11	1/2	2,643.54	1/2	2,271.97	1/2	1,900.40	1/2	1,528.84	1/2	1,157.27	1/2	785.70	1/2	414.13	1/2	42.86
3/4	4,529.24	3/4	4,340.63	3/4	4,111.72	3/4	3,882.81	3/4	3,653.90	3/4	3,378.93	3/4	3,007.37	3/4	2,635.80	3/4	2,264.23	3/4	1,892.66	3/4	1,521.09	3/4	1,149.53	3/4	777.96	3/4	406.39	3/4	36.91
10	4,528.88	10	4,335.86	10	4,106.95	10	3,878.04	10	3,649.13	10	3,371.19	10	2,999.63	10	2,628.06	10	2,256.49	10	1,884.92	10	1,513.35	10	1,141.79	10	770.22	10	398.65	10	30.95
1/4	4,526.91	1/4	4,331.09	1/4	4,102.18	1/4	3,873.27	1/4	3,644.36	1/4	3,363.45	1/4	2,991.88	1/4	2,620.32	1/4	2,248.75	1/4	1,877.18	1/4	1,505.61	1/4	1,134.04	1/4	762.48	1/4	390.91	1/4	25.00
1/2	4,525.75	1/2	4,326.32	1/2	4,097.41	1/2	3,868.50	1/2	3,639.59	1/2	3,355.71	1/2	2,984.14	1/2	2,612.58	1/2	2,241.01	1/2	1,869.44	1/2	1,497.87	1/2	1,126.30	1/2	754.74	1/2	383.17	1/2	* 19.04
3/4	4,524.59	3/4	4,321.56	3/4	4,092.64	3/4	3,863.73	3/4	3,634.82	3/4	3,347.97	3/4	2,976.40	3/4	2,604.83	3/4	2,233.27	3/4	1,861.70	3/4	1,490.13	3/4	1,118.56	3/4	746.99	3/4	375.43	3/4	
11	4,522.63	11	4,316.79	11	4,087.87	11	3,858.96	11	3,630.05	11	3,340.23	11	2,968.66	11	2,597.09	11	2,225.53	11	1,853.96	11	1,482.39	11	1,110.82	11	739.25	11	367.69	11	
1/4	4,520.67	1/4	4,312.02	1/4	4,083.11	1/4	3,854.19	1/4	3,625.28	1/4	3,332.49	1/4	2,960.92	1/4	2,589.35	1/4	2,217.78	1/4	1,846.22	1/4	1,474.65	1/4	1,103.08	1/4	731.51	1/4	359.94	1/4	
1/2	4,518.71	1/2	4,307.25	1/2	4,078.34	1/2	3,849.42	1/2	3,620.51	1/2	3,324.75	1/2	2,953.18	1/2	2,581.61	1/2	2,210.04	1/2	1,838.48	1/2	1,466.91	1/2	1,095.34	1/2	723.77	1/2	352.20	1/2	
3/4	4,516.75	3/4	4,302.48	3/4	4,073.57	3/4	3,844.66	3/4	3,615.74	3/4	3,317.01	3/4	2,945.44	3/4	2,573.87	3/4	2,202.30	3/4	1,830.73	3/4	1,459.17	3/4	1,087.60	3/4	716.03	3/4	344.46	3/4	

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 14'-10 1/2" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

STRAPPED: 5/18/95

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION

FORM 141.15A REV #2 '99

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "EMS 319"
Enterprise Marine Services LLC

TANK NO. 3
STAR

OUTAGE TABLE

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 326

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.
0		4,516.75	4,302.48	4,073.57	3,844.66	3,615.74	3,317.01	2,945.44	2,573.87	2,202.30	1,830.73	1,459.17	1,087.60	716.03	344.46
1/4		4,514.00	4,297.71	4,068.80	3,839.89	3,610.98	3,309.27	2,937.70	2,566.13	2,194.56	1,822.99	1,451.43	1,079.86	708.29	336.72
1/2		4,511.24	4,292.94	4,064.03	3,835.12	3,606.21	3,301.52	2,929.96	2,558.39	2,186.82	1,815.25	1,443.68	1,072.12	700.55	328.98
3/4		4,508.49	4,288.17	4,059.26	3,830.35	3,601.44	3,293.78	2,922.22	2,550.65	2,179.08	1,807.51	1,435.94	1,064.38	692.81	321.24
1		4,505.74	4,283.40	4,054.49	3,825.58	3,596.67	3,286.04	2,914.47	2,542.91	2,171.34	1,799.77	1,428.20	1,056.63	685.07	313.50
1/4		4,502.19	4,278.63	4,049.72	3,820.81	3,591.90	3,278.30	2,906.73	2,535.17	2,163.60	1,792.03	1,420.46	1,048.89	677.33	305.76
1/2		4,498.64	4,273.87	4,044.95	3,816.04	3,587.13	3,270.56	2,898.99	2,527.42	2,155.86	1,784.29	1,412.72	1,041.15	669.58	298.02
3/4		4,495.09	4,269.10	4,040.18	3,811.27	3,582.36	3,262.82	2,891.25	2,519.68	2,148.12	1,776.55	1,404.98	1,033.41	661.84	290.28
2		4,491.54	4,264.33	4,035.42	3,806.50	3,577.59	3,255.08	2,883.51	2,511.94	2,140.37	1,768.81	1,397.24	1,025.67	654.10	282.53
1/4		4,487.20	4,259.56	4,030.65	3,801.74	3,572.82	3,247.34	2,875.77	2,504.20	2,132.63	1,761.07	1,389.50	1,017.93	646.36	274.79
1/2		4,482.85	4,254.79	4,025.88	3,796.97	3,568.05	3,239.60	2,868.03	2,496.46	2,124.89	1,753.32	1,381.76	1,010.19	638.62	267.05
3/4		4,478.51	4,250.02	4,021.11	3,792.20	3,563.29	3,231.86	2,860.29	2,488.72	2,117.15	1,745.58	1,374.02	1,002.45	630.88	259.31
3		4,474.16	4,245.25	4,016.34	3,787.43	3,558.52	3,224.11	2,852.55	2,480.98	2,109.41	1,737.84	1,366.27	994.71	623.14	251.57
1/4		4,469.40	4,240.48	4,011.57	3,782.66	3,553.75	3,216.37	2,844.81	2,473.24	2,101.67	1,730.10	1,358.53	986.97	615.40	243.83
1/2		4,464.63	4,235.71	4,006.80	3,777.89	3,548.78	3,208.63	2,837.06	2,465.50	2,093.93	1,722.36	1,350.79	979.22	607.66	236.09
3/4		4,459.86	4,230.94	4,002.03	3,773.12	3,543.82	3,200.89	2,829.32	2,457.76	2,086.19	1,714.62	1,343.05	971.48	599.92	228.35
4		4,455.09	4,226.18	3,997.26	3,768.35	3,538.86	3,193.15	2,821.58	2,450.01	2,078.45	1,706.88	1,335.31	963.74	592.17	220.61
1/4		4,450.32	4,221.41	3,992.49	3,763.58	3,533.44	3,185.41	2,813.84	2,442.27	2,070.71	1,699.14	1,327.57	956.00	584.43	212.87
1/2		4,445.55	4,216.64	3,987.73	3,758.81	3,528.03	3,177.67	2,806.10	2,434.53	2,062.96	1,691.40	1,319.83	948.26	576.69	205.12
3/4		4,440.78	4,211.87	3,982.96	3,754.05	3,522.61	3,169.93	2,798.36	2,426.79	2,055.22	1,683.66	1,312.09	940.52	568.95	197.38
5		4,436.01	4,207.10	3,978.19	3,749.28	3,517.20	3,162.19	2,790.62	2,419.05	2,047.48	1,675.91	1,304.35	932.78	561.21	189.64
1/4		4,431.24	4,202.33	3,973.42	3,744.51	3,511.27	3,154.45	2,782.88	2,411.31	2,039.74	1,668.17	1,296.61	925.04	553.47	181.90
1/2		4,426.47	4,197.56	3,968.65	3,739.74	3,505.33	3,146.70	2,775.14	2,403.57	2,032.00	1,660.43	1,288.86	917.30	545.73	174.16
3/4		4,421.71	4,192.79	3,963.88	3,734.97	3,499.40	3,138.96	2,767.40	2,395.83	2,024.26	1,652.69	1,281.12	909.56	537.99	166.42
6		4,416.94	4,188.02	3,959.11	3,730.20	3,493.47	3,131.22	2,759.65	2,388.09	2,016.52	1,644.95	1,273.38	901.81	530.25	158.68
1/4		4,412.17	4,183.25	3,954.34	3,725.43	3,487.02	3,123.48	2,751.91	2,380.35	2,008.78	1,637.21	1,265.64	894.07	522.51	150.94
1/2		4,407.40	4,178.49	3,949.57	3,720.66	3,480.57	3,115.74	2,744.17	2,372.60	2,001.04	1,629.47	1,257.90	886.33	514.76	143.20
3/4		4,402.63	4,173.72	3,944.80	3,715.89	3,474.12	3,108.00	2,736.43	2,364.86	1,993.30	1,621.73	1,250.16	878.59	507.02	135.46
7		4,397.86	4,168.95	3,940.04	3,711.12	3,467.67	3,100.26	2,728.69	2,357.12	1,985.55	1,613.99	1,242.42	870.85	499.28	127.71
1/4		4,393.09	4,164.18	3,935.27	3,706.36	3,460.71	3,092.52	2,720.95	2,349.38	1,977.81	1,606.25	1,234.68	863.11	491.54	119.97
1/2		4,388.32	4,159.41	3,930.50	3,701.59	3,453.74	3,084.78	2,713.21	2,341.64	1,970.07	1,598.50	1,226.94	855.37	483.80	112.23
3/4		4,383.55	4,154.64	3,925.73	3,696.82	3,446.78	3,077.04	2,705.47	2,333.90	1,962.33	1,590.76	1,219.20	847.63	476.06	104.49
8		4,378.78	4,149.87	3,920.96	3,692.05	3,439.81	3,069.29	2,697.73	2,326.16	1,954.59	1,583.02	1,211.45	839.89	468.32	96.75
1/4		4,374.02	4,145.10	3,916.19	3,687.28	3,432.33	3,061.55	2,689.99	2,318.42	1,946.85	1,575.28	1,203.71	832.15	460.58	89.01
1/2		4,369.25	4,140.33	3,911.42	3,682.51	3,424.85	3,053.81	2,682.24	2,310.68	1,939.11	1,567.54	1,195.97	824.40	452.84	81.27
3/4		4,364.48	4,135.56	3,906.65	3,677.74	3,417.38	3,046.07	2,674.50	2,302.94	1,931.37	1,559.80	1,188.23	816.66	445.10	73.53
9	4,530.71	4,359.71	4,130.80	3,901.88	3,672.97	3,409.90	3,038.33	2,666.76	2,295.19	1,923.63	1,552.06	1,180.49	808.92	437.35	65.79
1/4	4,530.34	4,354.94	4,126.03	3,897.11	3,668.20	3,402.16	3,030.59	2,659.02	2,287.45	1,915.89	1,544.32	1,172.75	801.18	429.61	58.05
1/2	4,529.98	4,350.17	4,121.26	3,892.35	3,663.43	3,394.42	3,022.85	2,651.28	2,279.71	1,908.14	1,536.58	1,165.01	793.44	421.87	50.30
3/4	4,529.61	4,345.40	4,116.49	3,887.58	3,658.67	3,386.68	3,015.11	2,643.54	2,271.97	1,900.40	1,528.84	1,157.27	785.70	414.13	42.86
10	4,529.24	4,340.63	4,111.72	3,882.81	3,653.90	3,378.93	3,007.37	2,635.80	2,264.23	1,892.66	1,521.09	1,149.53	777.96	406.39	36.91
1/4	4,528.08	4,335.86	4,106.95	3,878.04	3,649.13	3,371.19	2,999.63	2,628.06	2,256.49	1,884.92	1,513.35	1,141.79	770.22	398.65	30.95
1/2	4,526.91	4,331.09	4,102.18	3,873.27	3,644.36	3,363.45	2,991.88	2,620.32	2,248.75	1,877.18	1,505.61	1,134.04	762.48	390.91	25.00
3/4	4,525.75	4,326.32	4,097.41	3,868.50	3,639.59	3,355.71	2,984.14	2,612.58	2,241.01	1,869.44	1,497.87	1,126.30	754.74	383.17	* 19.04
11	4,524.59	4,321.56	4,092.64	3,863.73	3,634.82	3,347.97	2,976.40	2,604.83	2,233.27	1,861.70	1,490.13	1,118.56	746.99	375.43	
1/4	4,522.63	4,316.79	4,087.87	3,858.96	3,630.05	3,340.23	2,968.66	2,597.09	2,225.53	1,853.96	1,482.39	1,110.82	739.25	367.69	
1/2	4,520.67	4,312.02	4,083.11	3,854.19	3,625.28	3,332.49	2,960.92	2,589.35	2,217.78	1,846.22	1,474.65	1,103.08	731.51	359.94	
3/4	4,518.71	4,307.25	4,078.34	3,849.42	3,620.51	3,324.75	2,953.18	2,581.61	2,210.04	1,838.48	1,466.91	1,095.34	723.77	352.20	

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

STRAPPED: 5/18/95

* CAPACITY BELOW STRIKE POINT

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