FORM 1/4L10F RCV #2 7/96

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "HFL-419"

HINES FURLONG LINE

1 PORT

INNAGE TABLE

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

HULL NO. 2200-2

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	* 17.54	0	331.03	0	684.67	0	1,043.33	0	1,401.99	0	1,760.64	0	2,119.30	0	2,477.95	0	2,836.61	0	3,195.27
1/4	22.28	1/4	338.13	1/4	692.15	1/4	1,050.80	1/4	1,409.46	1/4	1,768.11	1/4	2,126.77	1/4	2,485.43	1/4	2,844.08	1/4	3,202.74
1/2	27.02	1/2	345.24	1/2	699.62	1/2	1,058.27	1/2	1,416.93	1/2	1,775.59	1/2	2,134.24	1/2	2,492.90	1/2	2,851.55	1/2	3,210.21
3/4	31.76	3/4	352.35	3/4	707.09	3/4	1,065.75	3/4	1,424.40	3/4	1,783.06	3/4	2,141.71	3/4	2,500.37	3/4	2,859.03	3/4	3,217.68
1	36.51	1	359.45	1	714.56	1	1,073.22	1	1,431.87	1	1,790.53	1	2,149.19	1	2,507.84	1	2,866.50	1	3,225.15
1/4	42.51	1/4	366.56	1/4	722.03	1/4	1,080.69	1/4	1,439.35	1/4	1,798.00	1/4	2,156.66	1/4	2,515.31	1/4	2,873.97	1/4	3,232.63
1/2	48.52	1/2	373.67	1/2	729.50	1/2	1,088.16	1/2	1,446.82	1/2	1,805.47	1/2	2,164.13	1/2	2,522.79	1/2	2,881.44	1/2	3,240.10
3/4	54.95	3/4	380.77	3/4	736.98	3/4	1,095.63	3/4	1,454.29	3/4	1,812.95	3/4	2,171.60	3/4	2,530.26	3/4	2,888.91	3/4	3,247.57
2	61.38	2	387.88	2	744.45	2	1,103.11	2	1,461.76	2	1,820.42	2	2,179.07	2	2,537.73	2	2,896.39	2	3,255.04
1/4	67.88	1/4	395.16	1/4	751.92	1/4	1,110.58	1/4	1,469.23	1/4	1,827.89	1/4	2,186.55	1/4	2,545.20	1/4	2,903.86	1/4	3,262.51
1/2	74.37	1/2	402.44	1/2	759.39	1/2	1,118.05	1/2	1,476.71	1/2	1,835.36	1/2	2,194.02	1/2	2,552.67	1/2	2,911.33	1/2	3,269.99
3/4	80.87	3/4	409.72	3/4	766.86	3/4	1,125.52	3/4	1,484.18	3/4	1,842.83	3/4	2,201.49	3/4	2,560.15	3/4	2,918.80	3/4	3,277.46
3	87.37	3	417.00	3	774.34	3	1,132.99	3	1,491.65	3	1,850.31	3	2,208.96	3	2,567.62	3	2,926.27	3	3,284.93
1/4	93.87	1/4	424.28	1/4	781.81	1/4	1,140.47	1/4	1,499.12	1/4	1,857.78	1/4	2,216.43	1/4	2,575.09	1/4	2,933.75	1/4	3,292.40
1/2	100.37	1/2	431.56	1/2	789.28	1/2	1,147.94	1/2	1,506.59	1/2	1,865.25	1/2	2,223.91	1/2	2,582.56	1/2	2,941.22	1/2	3,299.87
3/4	106.86	3/4	438.84	3/4	796.75	3/4	1,155.41	3/4	1,514.07	3/4	1,872.72	3/4	2,231.38	3/4	2,590.03	3/4	2,948.69	3/4	3,307.35
4	113.36	4	446.12	4	804.22	4	1,162.88	4	1,521.54	4	1,880.19	4	2,238.85	4	2,597.51	4	2,956.16	4	3,314.82
1/4	119.98	1/4	453.52	1/4	811.70	1/4	1,170.35	1/4	1,529.01	1/4	1,887.67	1/4	2,246.32	1/4	2,604.98	1/4	2,963.63	1/4	3,322.29
1/2	126.60	1/2	460.93	1/2	819.17	1/2	1,177.83	1/2	1,536.48	1/2	1,895.14	1/2	2,253.79	1/2	2,612.45	1/2	2,971.11	1/2	3,329.76
3/4	133.22	3/4	468.33	3/4	826.64	3/4	1,185.30	3/4	1,543.95	3/4	1,902.61	3/4	2,261.27	3/4	2,619.92	3/4	2,978.58	3/4	3,337.23
5	139.84	5	475.73	5	834.11	5	1,192.77	5	1,551.43	5	1,910.08	5	2,268.74	5	2,627.39	5	2,986.05	5	3,344.71
1/4	146.46	1/4	483.14	1/4	841.58	1/4	1,200.24	1/4	1,558.90	1/4	1,917.55	1/4	2,276.21	1/4	2,634.87	1/4	2,993.52	1/4	3,352.18
1/2	153.08	1/2	490.54	1/2	849.06	1/2	1,207.71	1/2	1,566.37	1/2	1,925.03	1/2	2,283.68	1/2	2,642.34	1/2	3,000.99	1/2	3,359.65
3/4	159.69	3/4	497.94	3/4	856.53	3/4	1,215.19	3/4	1,573.84	3/4	1,932.50	3/4	2,291.15	3/4	2,649.81	3/4	3,008.47	3/4	3,367.12
6	166.31	6	505.35	6	864.00	6	1,222.66	6	1,581.31	6	1,939.97	6	2,298.63	6	2,657.28	6	3,015.94	6	3,374.59
1/4	173.06	1/4	512.82	1/4	871.47	1/4	1,230.13	1/4	1,588.79	1/4	1,947.44	1/4	2,306.10	1/4	2,664.75	1/4	3,023.41	1/4	3,382.07
1/2	179.80	1/2	520.29	1/2	878.94	1/2	1,237.60	1/2	1,596.26	1/2	1,954.91	1/2	2,313.57	1/2	2,672.23	1/2	3,030.88	1/2	3,389.54
3/4	186.54	3/4	527.76	3/4	886.42	3/4	1,245.07	3/4	1,603.73	3/4	1,962.39	3/4	2,321.04	3/4	2,679.70	3/4	3,038.35	3/4	3,397.01
7	193.28	7	535.23	7	893.89	7	1,252.55	7	1,611.20	7	1,969.86	7	2,328.51	7	2,687.17	7	3,045.83	7	3,404.48
1/4	200.02	1/4	542.71	1/4	901.36	1/4	1,260.02	1/4	1,618.67	1/4	1,977.33	1/4	2,335.99	1/4	2,694.64	1/4	3,053.30	1/4	3,411.95
1/2	206.77	1/2	550.18	1/2	908.83	1/2	1,267.49	1/2	1,626.15	1/2	1,984.80	1/2	2,343.46	1/2	2,702.11	1/2	3,060.77	1/2	3,419.43
3/4	213.51	3/4	557.65	3/4	916.30	3/4	1,274.96	3/4	1,633.62	3/4	1,992.27	3/4	2,350.93	3/4	2,709.59	3/4	3,068.24	3/4	3,426.90
8	220.25	8	565.12	8	923.78	8	1,282.43	8	1,641.09	8	1,999.75	8	2,358.40	8	2,717.06	8	3,075.71	8	3,434.37
1/4	227.11	1/4	572.59	1/4	931.25	1/4	1,289.91	1/4	1,648.56	1/4	2,007.22	1/4	2,365.87	1/4	2,724.53	1/4	3,083.19	1/4	3,441.84
1/2	233.98	1/2	580.07	1/2	938.72	1/2	1,297.38	1/2	1,656.03	1/2	2,014.69	1/2	2,373.35	1/2	2,732.00	1/2	3,090.66	1/2	3,449.31
3/4	240.84	3/4	587.54	3/4	946.19	3/4	1,304.85	3/4	1,663.51	3/4	2,022.16	3/4	2,380.82	3/4	2,739.47	3/4	3,098.13	3/4	3,456.79
9	247.70	9	595.01	9	953.66	9	1,312.32	9	1,670.98	9	2,029.63	9	2,388.29	9	2,746.95	9	3,105.60	9	3,464.26
1/4	254.56	1/4	602.48	1/4	961.14	1/4	1,319.79	1/4	1,678.45	1/4	2,037.11	1/4	2,395.76	1/4	2,754.42	1/4	3,113.07	1/4	3,471.73
1/2	261.43	1/2	609.95	1/2	968.61	1/2	1,327.27	1/2	1,685.92	1/2	2,044.58	1/2	2,403.23	1/2	2,761.89	1/2	3,120.55	1/2	3,479.20
3/4	268.29	3/4	617.43	3/4	976.08	3/4	1,334.74	3/4	1,693.39	3/4	2,052.05	3/4	2,410.71	3/4	2,769.36	3/4	3,128.02	3/4	3,486.67
10	275.15	10	624.90	10	983.55	10	1,342.21	10	1,700.87	10	2,059.52	10	2,418.18	10	2,776.83	10	3,135.49	10	3,494.15
1/4	282.14	1/4	632.37	1/4	991.02	1/4	1,349.68	1/4	1,708.34	1/4	2,066.99	1/4	2,425.65	1/4	2,784.31	1/4	3,142.96	1/4	3,501.62
1/2	289.12	1/2	639.84	1/2	998.50	1/2	1,357.15	1/2	1,715.81	1/2	2,074.47	1/2	2,433.12	1/2	2,791.78	1/2	3,150.43	1/2	3,509.09
3/4	296.11	3/4	647.31	3/4	1,005.97	3/4	1,364.63	3/4	1,723.28	3/4	2,081.94	3/4	2,440.59	3/4	2,799.25	3/4	3,157.91	3/4	3,516.56
11	303.09	11	654.79	11	1,013.44	11	1,372.10	11	1,730.75	11	2,089.41	11	2,448.07	11	2,806.72	11	3,165.38	11	3,524.03
1/4	310.07	1/4	662.26	1/4	1,020.91	1/4	1,379.57	1/4	1,738.23	1/4	2,096.88	1/4	2,455.54	1/4	2,814.19	1/4	3,172.85	1/4	3,531.51
1/2	317.06	1/2	669.73	1/2	1,028.39	1/2	1,387.04	1/2	1,745.70	1/2	2,104.35	1/2	2,463.01	1/2	2,821.67	1/2	3,180.32	1/2	3,538.98
3/4	324.04	3/4	677.20	3/4	1,035.86	3/4	1,394.51	3/4	1,753.17	3/4	2,111.83	3/4	2,470.48	3/4	2,829.14	3/4	3,187.79	3/4	3,546.45

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	3,553.92	0	3,912.58	0	4,271.23	0	4,629.89	0	4,988.55	0		0		0		0		0	
1/4	3,561.39	1/4	3,920.05	1/4	4,278.71	1/4	4,637.36	1/4	4,996.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,568.87	1/2	3,927.52	1/2	4,286.18	1/2	4,644.83	1/2	5,003.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,576.34	3/4	3,934.99	3/4	4,293.65	3/4	4,652.31	3/4	5,010.40	3/4		3/4		3/4		3/4		3/4	
1	3,583.81	1	3,942.47	1	4,301.12	1	4,659.78	1	5,017.31	1		1		1		1		1	
1/4	3,591.28	1/4	3,949.94	1/4	4,308.59	1/4	4,667.25	1/4	5,024.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.75	1/2	3,957.41	1/2	4,316.07	1/2	4,674.72	1/2	5,031.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.23	3/4	3,964.88	3/4	4,323.54	3/4	4,682.19	3/4	5,036.94	3/4		3/4		3/4		3/4		3/4	
2	3,613.70	2	3,972.35	2	4,331.01	2	4,689.67	2	5,042.74	2		2		2		2		2	
1/4	3,621.17	1/4	3,979.83	1/4	4,338.48	1/4	4,697.14	1/4	5,048.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.64	1/2	3,987.30	1/2	4,345.95	1/2	4,704.61	1/2	5,054.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,636.11	3/4	3,994.77	3/4	4,353.43	3/4	4,712.08	3/4	5,059.05	3/4		3/4		3/4		3/4		3/4	
3	3,643.59	3	4,002.24	3	4,360.90	3	4,719.55	3	5,063.75	3		3		3		3		3	
1/4	3,651.06	1/4	4,009.71	1/4	4,368.37	1/4	4,727.03	1/4	5,068.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.53	1/2	4,017.19	1/2	4,375.84	1/2	4,734.50	1/2	5,073.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,666.00	3/4	4,024.66	3/4	4,383.31	3/4	4,741.97	3/4	5,076.73	3/4		3/4		3/4		3/4		3/4	
4	3,673.47	4	4,032.13	4	4,390.79	4	4,749.44	4	5,080.32	4		4		4		4		4	
1/4	3,680.95	1/4	4,039.60	1/4	4,398.26	1/4	4,756.91	1/4	5,083.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,688.42	1/2	4,047.07	1/2	4,405.73	1/2	4,764.39	1/2	5,087.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,695.89	3/4	4,054.55	3/4	4,413.20	3/4	4,771.86	3/4	5,089.99	3/4		3/4		3/4		3/4		3/4	
5	3,703.36	5	4,062.02	5	4,420.67	5	4,779.33	5	5,092.48	5		5		5		5		5	
1/4	3,710.83	1/4	4,069.49	1/4	4,428.15	1/4	4,786.80	1/4	5,094.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,718.31	1/2	4,076.96	1/2	4,435.62	1/2	4,794.27	1/2	5,097.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,725.78	3/4	4,084.43	3/4	4,443.09	3/4	4,801.75	3/4	5,098.83	3/4		3/4		3/4		3/4		3/4	
6	3,733.25	6	4,091.91	6	4,450.56	6	4,809.22	6	5,100.21	6		6		6		6		6	
1/4	3,740.72	1/4	4,099.38	1/4	4,458.03	1/4	4,816.69	1/4	5,101.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,748.19	1/2	4,106.85	1/2	4,465.51	1/2	4,824.16	1/2	5,102.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,755.67	3/4	4,114.32	3/4	4,472.98	3/4	4,831.63	3/4	5,103.38	3/4		3/4		3/4		3/4		3/4	
7	3,763.14	7	4,121.79	7	4,480.45	7	4,839.11	7	5,103.79	7		7		7		7		7	
1/4	3,770.61	1/4	4,129.27	1/4	4,487.92	1/4	4,846.58	1/4	5,104.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,778.08	1/2	4,136.74	1/2	4,495.39	1/2	4,854.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,785.55	3/4	4,144.21	3/4	4,502.87	3/4	4,861.52	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,793.03	8	4,151.68	8	4,510.34	8	4,868.99	8		8		8		8		8		8	
1/4	3,800.50	1/4	4,159.15	1/4	4,517.81	1/4	4,876.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.97	1/2	4,166.63	1/2	4,525.28	1/2	4,883.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,815.44	3/4	4,174.10	3/4	4,532.75	3/4	4,891.41	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,822.91	9	4,181.57	9	4,540.23	9	4,898.88	9		9		9		9		9		9	
1/4	3,830.39	1/4	4,189.04	1/4	4,547.70	1/4	4,906.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.86	1/2	4,196.51	1/2	4,555.17	1/2	4,913.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.33	3/4	4,203.99	3/4	4,562.64	3/4	4,921.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,852.80	10	4,211.46	10	4,570.11	10	4,928.77	10		10		10		10		10		10	
1/4	3,860.27	1/4	4,218.93	1/4	4,577.59	1/4	4,936.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.75	1/2	4,226.40	1/2	4,585.06	1/2	4,943.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.22	3/4	4,233.87	3/4	4,592.53	3/4	4,951.19	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,882.69	11	4,241.35	11	4,600.00	11	4,958.66	11		11		11		11		11		11	
1/4	3,890.16	1/4	4,248.82	1/4	4,607.47	1/4	4,966.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.63	1/2	4,256.29	1/2	4,614.95	1/2	4,973.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.11	3/4	4,263.76	3/4	4,622.42	3/4	4,981.07	3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 2/14/12

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-2 1/4" (RIM OF 8" DIAMETER HATCH LOCATED NEAR CENTER OF TANK)

REFERENCE GAUGE HEIGHT : 15'-11" (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 1/4L10F REV #2 7/98

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "HFL-419"

HINES FURLONG LINE

1 STAR

INNAGE TABLE

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

HULL NO. 2200-2

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	* 17.54	0	331.03	0	684.67	0	1,043.33	0	1,401.99	0	1,760.64	0	2,119.30	0	2,477.95	0	2,836.61	0	3,195.27
1/4	22.28	1/4	338.13	1/4	692.15	1/4	1,050.80	1/4	1,409.46	1/4	1,768.11	1/4	2,126.77	1/4	2,485.43	1/4	2,844.08	1/4	3,202.74
1/2	27.02	1/2	345.24	1/2	699.62	1/2	1,058.27	1/2	1,416.93	1/2	1,775.59	1/2	2,134.24	1/2	2,492.90	1/2	2,851.55	1/2	3,210.21
3/4	31.76	3/4	352.35	3/4	707.09	3/4	1,065.75	3/4	1,424.40	3/4	1,783.06	3/4	2,141.71	3/4	2,500.37	3/4	2,859.03	3/4	3,217.68
1	36.51	1	359.45	1	714.56	1	1,073.22	1	1,431.87	1	1,790.53	1	2,149.19	1	2,507.84	1	2,866.50	1	3,225.15
1/4	42.51	1/4	366.56	1/4	722.03	1/4	1,080.69	1/4	1,439.35	1/4	1,798.00	1/4	2,156.66	1/4	2,515.31	1/4	2,873.97	1/4	3,232.63
1/2	48.52	1/2	373.67	1/2	729.50	1/2	1,088.16	1/2	1,446.82	1/2	1,805.47	1/2	2,164.13	1/2	2,522.79	1/2	2,881.44	1/2	3,240.10
3/4	54.95	3/4	380.77	3/4	736.98	3/4	1,095.63	3/4	1,454.29	3/4	1,812.95	3/4	2,171.60	3/4	2,530.26	3/4	2,888.91	3/4	3,247.57
2	61.38	2	387.88	2	744.45	2	1,103.11	2	1,461.76	2	1,820.42	2	2,179.07	2	2,537.73	2	2,896.39	2	3,255.04
1/4	67.88	1/4	395.16	1/4	751.92	1/4	1,110.58	1/4	1,469.23	1/4	1,827.89	1/4	2,186.55	1/4	2,545.20	1/4	2,903.86	1/4	3,262.51
1/2	74.37	1/2	402.44	1/2	759.39	1/2	1,118.05	1/2	1,476.71	1/2	1,835.36	1/2	2,194.02	1/2	2,552.67	1/2	2,911.33	1/2	3,269.99
3/4	80.87	3/4	409.72	3/4	766.86	3/4	1,125.52	3/4	1,484.18	3/4	1,842.83	3/4	2,201.49	3/4	2,560.15	3/4	2,918.80	3/4	3,277.46
3	87.37	3	417.00	3	774.34	3	1,132.99	3	1,491.65	3	1,850.31	3	2,208.96	3	2,567.62	3	2,926.27	3	3,284.93
1/4	93.87	1/4	424.28	1/4	781.81	1/4	1,140.47	1/4	1,499.12	1/4	1,857.78	1/4	2,216.43	1/4	2,575.09	1/4	2,933.75	1/4	3,292.40
1/2	100.37	1/2	431.56	1/2	789.28	1/2	1,147.94	1/2	1,506.59	1/2	1,865.25	1/2	2,223.91	1/2	2,582.56	1/2	2,941.22	1/2	3,299.87
3/4	106.86	3/4	438.84	3/4	796.75	3/4	1,155.41	3/4	1,514.07	3/4	1,872.72	3/4	2,231.38	3/4	2,590.03	3/4	2,948.69	3/4	3,307.35
4	113.36	4	446.12	4	804.22	4	1,162.88	4	1,521.54	4	1,880.19	4	2,238.85	4	2,597.51	4	2,956.16	4	3,314.82
1/4	119.98	1/4	453.52	1/4	811.70	1/4	1,170.35	1/4	1,529.01	1/4	1,887.67	1/4	2,246.32	1/4	2,604.98	1/4	2,963.63	1/4	3,322.29
1/2	126.60	1/2	460.93	1/2	819.17	1/2	1,177.83	1/2	1,536.48	1/2	1,895.14	1/2	2,253.79	1/2	2,612.45	1/2	2,971.11	1/2	3,329.76
3/4	133.22	3/4	468.33	3/4	826.64	3/4	1,185.30	3/4	1,543.95	3/4	1,902.61	3/4	2,261.27	3/4	2,619.92	3/4	2,978.58	3/4	3,337.23
5	139.84	5	475.73	5	834.11	5	1,192.77	5	1,551.43	5	1,910.08	5	2,268.74	5	2,627.39	5	2,986.05	5	3,344.71
1/4	146.46	1/4	483.14	1/4	841.58	1/4	1,200.24	1/4	1,558.90	1/4	1,917.55	1/4	2,276.21	1/4	2,634.87	1/4	2,993.52	1/4	3,352.18
1/2	153.08	1/2	490.54	1/2	849.06	1/2	1,207.71	1/2	1,566.37	1/2	1,925.03	1/2	2,283.68	1/2	2,642.34	1/2	3,000.99	1/2	3,359.65
3/4	159.69	3/4	497.94	3/4	856.53	3/4	1,215.19	3/4	1,573.84	3/4	1,932.50	3/4	2,291.15	3/4	2,649.81	3/4	3,008.47	3/4	3,367.12
6	166.31	6	505.35	6	864.00	6	1,222.66	6	1,581.31	6	1,939.97	6	2,298.63	6	2,657.28	6	3,015.94	6	3,374.59
1/4	173.06	1/4	512.82	1/4	871.47	1/4	1,230.13	1/4	1,588.79	1/4	1,947.44	1/4	2,306.10	1/4	2,664.75	1/4	3,023.41	1/4	3,382.07
1/2	179.80	1/2	520.29	1/2	878.94	1/2	1,237.60	1/2	1,596.26	1/2	1,954.91	1/2	2,313.57	1/2	2,672.23	1/2	3,030.88	1/2	3,389.54
3/4	186.54	3/4	527.76	3/4	886.42	3/4	1,245.07	3/4	1,603.73	3/4	1,962.39	3/4	2,321.04	3/4	2,679.70	3/4	3,038.35	3/4	3,397.01
7	193.28	7	535.23	7	893.89	7	1,252.55	7	1,611.20	7	1,969.86	7	2,328.51	7	2,687.17	7	3,045.83	7	3,404.48
1/4	200.02	1/4	542.71	1/4	901.36	1/4	1,260.02	1/4	1,618.67	1/4	1,977.33	1/4	2,335.99	1/4	2,694.64	1/4	3,053.30	1/4	3,411.95
1/2	206.77	1/2	550.18	1/2	908.83	1/2	1,267.49	1/2	1,626.15	1/2	1,984.80	1/2	2,343.46	1/2	2,702.11	1/2	3,060.77	1/2	3,419.43
3/4	213.51	3/4	557.65	3/4	916.30	3/4	1,274.96	3/4	1,633.62	3/4	1,992.27	3/4	2,350.93	3/4	2,709.59	3/4	3,068.24	3/4	3,426.90
8	220.25	8	565.12	8	923.78	8	1,282.43	8	1,641.09	8	1,999.75	8	2,358.40	8	2,717.06	8	3,075.71	8	3,434.37
1/4	227.11	1/4	572.59	1/4	931.25	1/4	1,289.91	1/4	1,648.56	1/4	2,007.22	1/4	2,365.87	1/4	2,724.53	1/4	3,083.19	1/4	3,441.84
1/2	233.98	1/2	580.07	1/2	938.72	1/2	1,297.38	1/2	1,656.03	1/2	2,014.69	1/2	2,373.35	1/2	2,732.00	1/2	3,090.66	1/2	3,449.31
3/4	240.84	3/4	587.54	3/4	946.19	3/4	1,304.85	3/4	1,663.51	3/4	2,022.16	3/4	2,380.82	3/4	2,739.47	3/4	3,098.13	3/4	3,456.79
9	247.70	9	595.01	9	953.66	9	1,312.32	9	1,670.98	9	2,029.63	9	2,388.29	9	2,746.95	9	3,105.60	9	3,464.26
1/4	254.56	1/4	602.48	1/4	961.14	1/4	1,319.79	1/4	1,678.45	1/4	2,037.11	1/4	2,395.76	1/4	2,754.42	1/4	3,113.07	1/4	3,471.73
1/2	261.43	1/2	609.95	1/2	968.61	1/2	1,327.27	1/2	1,685.92	1/2	2,044.58	1/2	2,403.23	1/2	2,761.89	1/2	3,120.55	1/2	3,479.20
3/4	268.29	3/4	617.43	3/4	976.08	3/4	1,334.74	3/4	1,693.39	3/4	2,052.05	3/4	2,410.71	3/4	2,769.36	3/4	3,128.02	3/4	3,486.67
10	275.15	10	624.90	10	983.55	10	1,342.21	10	1,700.87	10	2,059.52	10	2,418.18	10	2,776.83	10	3,135.49	10	3,494.15
1/4	282.14	1/4	632.37	1/4	991.02	1/4	1,349.68	1/4	1,708.34	1/4	2,066.99	1/4	2,425.65	1/4	2,784.31	1/4	3,142.96	1/4	3,501.62
1/2	289.12	1/2	639.84	1/2	998.50	1/2	1,357.15	1/2	1,715.81	1/2	2,074.47	1/2	2,433.12	1/2	2,791.78	1/2	3,150.43	1/2	3,509.09
3/4	296.11	3/4	647.31	3/4	1,005.97	3/4	1,364.63	3/4	1,723.28	3/4	2,081.94	3/4	2,440.59	3/4	2,799.25	3/4	3,157.91	3/4	3,516.56
11	303.09	11	654.79	11	1,013.44	11	1,372.10	11	1,730.75	11	2,089.41	11	2,448.07	11	2,806.72	11	3,165.38	11	3,524.03
1/4	310.07	1/4	662.26	1/4	1,020.91	1/4	1,379.57	1/4	1,738.23	1/4	2,096.88	1/4	2,455.54	1/4	2,814.19	1/4	3,172.85	1/4	3,531.51
1/2	317.06	1/2	669.73	1/2	1,028.39	1/2	1,387.04	1/2	1,745.70	1/2	2,104.35	1/2	2,463.01	1/2	2,821.67	1/2	3,180.32	1/2	3,538.98
3/4	324.04	3/4	677.20	3/4	1,035.86	3/4	1,394.51	3/4	1,753.17	3/4	2,111.83	3/4	2,470.48	3/4	2,829.14	3/4	3,187.79	3/4	3,546.45

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	3,553.92	0	3,912.58	0	4,271.23	0	4,629.89	0	4,988.55	0		0		0		0		0	
1/4	3,561.39	1/4	3,920.05	1/4	4,278.71	1/4	4,637.36	1/4	4,996.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,568.87	1/2	3,927.52	1/2	4,286.18	1/2	4,644.83	1/2	5,003.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,576.34	3/4	3,934.99	3/4	4,293.65	3/4	4,652.31	3/4	5,010.40	3/4		3/4		3/4		3/4		3/4	
1	3,583.81	1	3,942.47	1	4,301.12	1	4,659.78	1	5,017.31	1		1		1		1		1	
1/4	3,591.28	1/4	3,949.94	1/4	4,308.59	1/4	4,667.25	1/4	5,024.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.75	1/2	3,957.41	1/2	4,316.07	1/2	4,674.72	1/2	5,031.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.23	3/4	3,964.88	3/4	4,323.54	3/4	4,682.19	3/4	5,036.94	3/4		3/4		3/4		3/4		3/4	
2	3,613.70	2	3,972.35	2	4,331.01	2	4,689.67	2	5,042.74	2		2		2		2		2	
1/4	3,621.17	1/4	3,979.83	1/4	4,338.48	1/4	4,697.14	1/4	5,048.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.64	1/2	3,987.30	1/2	4,345.95	1/2	4,704.61	1/2	5,054.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,636.11	3/4	3,994.77	3/4	4,353.43	3/4	4,712.08	3/4	5,059.05	3/4		3/4		3/4		3/4		3/4	
3	3,643.59	3	4,002.24	3	4,360.90	3	4,719.55	3	5,063.75	3		3		3		3		3	
1/4	3,651.06	1/4	4,009.71	1/4	4,368.37	1/4	4,727.03	1/4	5,068.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,658.53	1/2	4,017.19	1/2	4,375.84	1/2	4,734.50	1/2	5,073.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,666.00	3/4	4,024.66	3/4	4,383.31	3/4	4,741.97	3/4	5,076.73	3/4		3/4		3/4		3/4		3/4	
4	3,673.47	4	4,032.13	4	4,390.79	4	4,749.44	4	5,080.32	4		4		4		4		4	
1/4	3,680.95	1/4	4,039.60	1/4	4,398.26	1/4	4,756.91	1/4	5,083.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,688.42	1/2	4,047.07	1/2	4,405.73	1/2	4,764.39	1/2	5,087.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,695.89	3/4	4,054.55	3/4	4,413.20	3/4	4,771.86	3/4	5,089.99	3/4		3/4		3/4		3/4		3/4	
5	3,703.36	5	4,062.02	5	4,420.67	5	4,779.33	5	5,092.48	5		5		5		5		5	
1/4	3,710.83	1/4	4,069.49	1/4	4,428.15	1/4	4,786.80	1/4	5,094.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,718.31	1/2	4,076.96	1/2	4,435.62	1/2	4,794.27	1/2	5,097.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,725.78	3/4	4,084.43	3/4	4,443.09	3/4	4,801.75	3/4	5,098.83	3/4		3/4		3/4		3/4		3/4	
6	3,733.25	6	4,091.91	6	4,450.56	6	4,809.22	6	5,100.21	6		6		6		6		6	
1/4	3,740.72	1/4	4,099.38	1/4	4,458.03	1/4	4,816.69	1/4	5,101.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,748.19	1/2	4,106.85	1/2	4,465.51	1/2	4,824.16	1/2	5,102.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,755.67	3/4	4,114.32	3/4	4,472.98	3/4	4,831.63	3/4	5,103.38	3/4		3/4		3/4		3/4		3/4	
7	3,763.14	7	4,121.79	7	4,480.45	7	4,839.11	7	5,103.79	7		7		7		7		7	
1/4	3,770.61	1/4	4,129.27	1/4	4,487.92	1/4	4,846.58	1/4	5,104.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,778.08	1/2	4,136.74	1/2	4,495.39	1/2	4,854.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,785.55	3/4	4,144.21	3/4	4,502.87	3/4	4,861.52	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,793.03	8	4,151.68	8	4,510.34	8	4,868.99	8		8		8		8		8		8	
1/4	3,800.50	1/4	4,159.15	1/4	4,517.81	1/4	4,876.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,807.97	1/2	4,166.63	1/2	4,525.28	1/2	4,883.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,815.44	3/4	4,174.10	3/4	4,532.75	3/4	4,891.41	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,822.91	9	4,181.57	9	4,540.23	9	4,898.88	9		9		9		9		9		9	
1/4	3,830.39	1/4	4,189.04	1/4	4,547.70	1/4	4,906.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.86	1/2	4,196.51	1/2	4,555.17	1/2	4,913.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,845.33	3/4	4,203.99	3/4	4,562.64	3/4	4,921.30	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,852.80	10	4,211.46	10	4,570.11	10	4,928.77	10		10		10		10		10		10	
1/4	3,860.27	1/4	4,218.93	1/4	4,577.59	1/4	4,936.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.75	1/2	4,226.40	1/2	4,585.06	1/2	4,943.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,875.22	3/4	4,233.87	3/4	4,592.53	3/4	4,951.19	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,882.69	11	4,241.35	11	4,600.00	11	4,958.66	11		11		11		11		11		11	
1/4	3,890.16	1/4	4,248.82	1/4	4,607.47	1/4	4,966.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,897.63	1/2	4,256.29	1/2	4,614.95	1/2	4,973.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,905.11	3/4	4,263.76	3/4	4,622.42	3/4	4,981.07	3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 2/14/12

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-2 1/4" (RIM OF 8" DIAMETER HATCH LOCATED NEAR CENTER OF TANK)

REFERENCE GAUGE HEIGHT : 15'-11" (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 1/4L10F REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "HFL-419"
HINES FURLONG LINE
2 PORT

INNAGE TABLE

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

HULL NO. 2200-2

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	* 17.87	0	365.51	0	724.63	0	1,084.20	0	1,443.77	0	1,803.34	0	2,162.90	0	2,522.47	0	2,882.04	0	3,241.61
1/4	23.21	1/4	372.95	1/4	732.12	1/4	1,091.69	1/4	1,451.26	1/4	1,810.83	1/4	2,170.39	1/4	2,529.96	1/4	2,889.53	1/4	3,249.10
1/2	28.56	1/2	380.38	1/2	739.61	1/2	1,099.18	1/2	1,458.75	1/2	1,818.32	1/2	2,177.89	1/2	2,537.45	1/2	2,897.02	1/2	3,256.59
3/4	33.90	3/4	387.82	3/4	747.10	3/4	1,106.67	3/4	1,466.24	3/4	1,825.81	3/4	2,185.38	3/4	2,544.94	3/4	2,904.51	3/4	3,264.08
1	39.24	1	395.25	1	754.59	1	1,114.16	1	1,473.73	1	1,833.30	1	2,192.87	1	2,552.44	1	2,912.00	1	3,271.57
1/4	46.19	1/4	402.69	1/4	762.09	1/4	1,121.65	1/4	1,481.22	1/4	1,840.79	1/4	2,200.36	1/4	2,559.93	1/4	2,919.49	1/4	3,279.06
1/2	53.14	1/2	410.12	1/2	769.58	1/2	1,129.15	1/2	1,488.71	1/2	1,848.28	1/2	2,207.85	1/2	2,567.42	1/2	2,926.99	1/2	3,286.55
3/4	60.62	3/4	417.56	3/4	777.07	3/4	1,136.64	3/4	1,496.20	3/4	1,855.77	3/4	2,215.34	3/4	2,574.91	3/4	2,934.48	3/4	3,294.04
2	68.11	2	424.99	2	784.56	2	1,144.13	2	1,503.70	2	1,863.26	2	2,222.83	2	2,582.40	2	2,941.97	2	3,301.53
1/4	75.55	1/4	432.48	1/4	792.05	1/4	1,151.62	1/4	1,511.19	1/4	1,870.75	1/4	2,230.32	1/4	2,589.89	1/4	2,949.46	1/4	3,309.03
1/2	82.98	1/2	439.97	1/2	799.54	1/2	1,159.11	1/2	1,518.68	1/2	1,878.25	1/2	2,237.81	1/2	2,597.38	1/2	2,956.95	1/2	3,316.52
3/4	90.42	3/4	447.46	3/4	807.03	3/4	1,166.60	3/4	1,526.17	3/4	1,885.74	3/4	2,245.30	3/4	2,604.87	3/4	2,964.44	3/4	3,324.01
3	97.85	3	454.96	3	814.52	3	1,174.09	3	1,533.66	3	1,893.23	3	2,252.80	3	2,612.36	3	2,971.93	3	3,331.50
1/4	105.29	1/4	462.45	1/4	822.01	1/4	1,181.58	1/4	1,541.15	1/4	1,900.72	1/4	2,260.29	1/4	2,619.85	1/4	2,979.42	1/4	3,338.99
1/2	112.72	1/2	469.94	1/2	829.50	1/2	1,189.07	1/2	1,548.64	1/2	1,908.21	1/2	2,267.78	1/2	2,627.35	1/2	2,986.91	1/2	3,346.48
3/4	120.16	3/4	477.43	3/4	837.00	3/4	1,196.56	3/4	1,556.13	3/4	1,915.70	3/4	2,275.27	3/4	2,634.84	3/4	2,994.40	3/4	3,353.97
4	127.59	4	484.92	4	844.49	4	1,204.06	4	1,563.62	4	1,923.19	4	2,282.76	4	2,642.33	4	3,001.90	4	3,361.46
1/4	135.03	1/4	492.41	1/4	851.98	1/4	1,211.55	1/4	1,571.11	1/4	1,930.68	1/4	2,290.25	1/4	2,649.82	1/4	3,009.39	1/4	3,368.95
1/2	142.46	1/2	499.90	1/2	859.47	1/2	1,219.04	1/2	1,578.61	1/2	1,938.17	1/2	2,297.74	1/2	2,657.31	1/2	3,016.88	1/2	3,376.44
3/4	149.90	3/4	507.39	3/4	866.96	3/4	1,226.53	3/4	1,586.10	3/4	1,945.66	3/4	2,305.23	3/4	2,664.80	3/4	3,024.37	3/4	3,383.94
5	157.33	5	514.88	5	874.45	5	1,234.02	5	1,593.59	5	1,953.16	5	2,312.72	5	2,672.29	5	3,031.86	5	3,391.43
1/4	164.77	1/4	522.37	1/4	881.94	1/4	1,241.51	1/4	1,601.08	1/4	1,960.65	1/4	2,320.21	1/4	2,679.78	1/4	3,039.35	1/4	3,398.92
1/2	172.20	1/2	529.87	1/2	889.43	1/2	1,249.00	1/2	1,608.57	1/2	1,968.14	1/2	2,327.71	1/2	2,687.27	1/2	3,046.84	1/2	3,406.41
3/4	179.64	3/4	537.36	3/4	896.92	3/4	1,256.49	3/4	1,616.06	3/4	1,975.63	3/4	2,335.20	3/4	2,694.76	3/4	3,054.33	3/4	3,413.90
6	187.07	6	544.85	6	904.41	6	1,263.98	6	1,623.55	6	1,983.12	6	2,342.69	6	2,702.26	6	3,061.82	6	3,421.39
1/4	194.51	1/4	552.34	1/4	911.91	1/4	1,271.47	1/4	1,631.04	1/4	1,990.61	1/4	2,350.18	1/4	2,709.75	1/4	3,069.31	1/4	3,428.88
1/2	201.94	1/2	559.83	1/2	919.40	1/2	1,278.97	1/2	1,638.53	1/2	1,998.10	1/2	2,357.67	1/2	2,717.24	1/2	3,076.81	1/2	3,436.37
3/4	209.38	3/4	567.32	3/4	926.89	3/4	1,286.46	3/4	1,646.02	3/4	2,005.59	3/4	2,365.16	3/4	2,724.73	3/4	3,084.30	3/4	3,443.86
7	216.81	7	574.81	7	934.38	7	1,293.95	7	1,653.52	7	2,013.08	7	2,372.65	7	2,732.22	7	3,091.79	7	3,451.35
1/4	224.25	1/4	582.30	1/4	941.87	1/4	1,301.44	1/4	1,661.01	1/4	2,020.57	1/4	2,380.14	1/4	2,739.71	1/4	3,099.28	1/4	3,458.85
1/2	231.68	1/2	589.79	1/2	949.36	1/2	1,308.93	1/2	1,668.50	1/2	2,028.07	1/2	2,387.63	1/2	2,747.20	1/2	3,106.77	1/2	3,466.34
3/4	239.12	3/4	597.28	3/4	956.85	3/4	1,316.42	3/4	1,675.99	3/4	2,035.56	3/4	2,395.12	3/4	2,754.69	3/4	3,114.26	3/4	3,473.83
8	246.55	8	604.78	8	964.34	8	1,323.91	8	1,683.48	8	2,043.05	8	2,402.62	8	2,762.18	8	3,121.75	8	3,481.32
1/4	253.99	1/4	612.27	1/4	971.83	1/4	1,331.40	1/4	1,690.97	1/4	2,050.54	1/4	2,410.11	1/4	2,769.67	1/4	3,129.24	1/4	3,488.81
1/2	261.42	1/2	619.76	1/2	979.32	1/2	1,338.89	1/2	1,698.46	1/2	2,058.03	1/2	2,417.60	1/2	2,777.17	1/2	3,136.73	1/2	3,496.30
3/4	268.86	3/4	627.25	3/4	986.82	3/4	1,346.38	3/4	1,705.95	3/4	2,065.52	3/4	2,425.09	3/4	2,784.66	3/4	3,144.22	3/4	3,503.79
9	276.29	9	634.74	9	994.31	9	1,353.88	9	1,713.44	9	2,073.01	9	2,432.58	9	2,792.15	9	3,151.72	9	3,511.28
1/4	283.73	1/4	642.23	1/4	1,001.80	1/4	1,361.37	1/4	1,720.93	1/4	2,080.50	1/4	2,440.07	1/4	2,799.64	1/4	3,159.21	1/4	3,518.77
1/2	291.16	1/2	649.72	1/2	1,009.29	1/2	1,368.86	1/2	1,728.43	1/2	2,087.99	1/2	2,447.56	1/2	2,807.13	1/2	3,166.70	1/2	3,526.26
3/4	298.60	3/4	657.21	3/4	1,016.78	3/4	1,376.35	3/4	1,735.92	3/4	2,095.48	3/4	2,455.05	3/4	2,814.62	3/4	3,174.19	3/4	3,533.76
10	306.03	10	664.70	10	1,024.27	10	1,383.84	10	1,743.41	10	2,102.98	10	2,462.54	10	2,822.11	10	3,181.68	10	3,541.25
1/4	313.47	1/4	672.19	1/4	1,031.76	1/4	1,391.33	1/4	1,750.90	1/4	2,110.47	1/4	2,470.03	1/4	2,829.60	1/4	3,189.17	1/4	3,548.74
1/2	320.90	1/2	679.69	1/2	1,039.25	1/2	1,398.82	1/2	1,758.39	1/2	2,117.96	1/2	2,477.53	1/2	2,837.09	1/2	3,196.66	1/2	3,556.23
3/4	328.34	3/4	687.18	3/4	1,046.74	3/4	1,406.31	3/4	1,765.88	3/4	2,125.45	3/4	2,485.02	3/4	2,844.58	3/4	3,204.15	3/4	3,563.72
11	335.77	11	694.67	11	1,054.24	11	1,413.80	11	1,773.37	11	2,132.94	11	2,492.51	11	2,852.08	11	3,211.64	11	3,571.21
1/4	343.21	1/4	702.16	1/4	1,061.73	1/4	1,421.29	1/4	1,780.86	1/4	2,140.43	1/4	2,500.00	1/4	2,859.57	1/4	3,219.13	1/4	3,578.70
1/2	350.64	1/2	709.65	1/2	1,069.22	1/2	1,428.79	1/2	1,788.35	1/2	2,147.92	1/2	2,507.49	1/2	2,867.06	1/2	3,226.62	1/2	3,586.19
3/4	358.08	3/4	717.14	3/4	1,076.71	3/4	1,436.28	3/4	1,795.84	3/4	2,155.41	3/4	2,514.98	3/4	2,874.55	3/4	3,234.12	3/4	3,593.68

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,601.17	0	3,960.74	0	4,320.31	0	4,679.88	0	5,036.72	0		0		0		0		0	
1/4	3,608.67	1/4	3,968.23	1/4	4,327.80	1/4	4,687.37	1/4	5,044.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,616.16	1/2	3,975.72	1/2	4,335.29	1/2	4,694.86	1/2	5,051.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,623.65	3/4	3,983.22	3/4	4,342.78	3/4	4,702.35	3/4	5,058.45	3/4		3/4		3/4		3/4		3/4	
1	3,631.14	1	3,990.71	1	4,350.27	1	4,709.84	1	5,065.33	1		1		1		1		1	
1/4	3,638.63	1/4	3,998.20	1/4	4,357.77	1/4	4,717.27	1/4	5,072.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.12	1/2	4,005.69	1/2	4,365.26	1/2	4,724.70	1/2	5,079.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.61	3/4	4,013.18	3/4	4,372.75	3/4	4,732.13	3/4	5,084.89	3/4		3/4		3/4		3/4		3/4	
2	3,661.10	2	4,020.67	2	4,380.24	2	4,739.56	2	5,090.71	2		2		2		2		2	
1/4	3,668.59	1/4	4,028.16	1/4	4,387.73	1/4	4,746.99	1/4	5,096.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.08	1/2	4,035.65	1/2	4,395.22	1/2	4,754.42	1/2	5,102.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,683.58	3/4	4,043.14	3/4	4,402.71	3/4	4,761.85	3/4	5,107.05	3/4		3/4		3/4		3/4		3/4	
3	3,691.07	3	4,050.63	3	4,410.20	3	4,769.28	3	5,111.76	3		3		3		3		3	
1/4	3,698.56	1/4	4,058.13	1/4	4,417.69	1/4	4,776.70	1/4	5,116.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,706.05	1/2	4,065.62	1/2	4,425.18	1/2	4,784.13	1/2	5,121.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,713.54	3/4	4,073.11	3/4	4,432.68	3/4	4,791.56	3/4	5,124.78	3/4		3/4		3/4		3/4		3/4	
4	3,721.03	4	4,080.60	4	4,440.17	4	4,798.99	4	5,128.38	4		4		4		4		4	
1/4	3,728.52	1/4	4,088.09	1/4	4,447.66	1/4	4,806.42	1/4	5,131.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,736.01	1/2	4,095.58	1/2	4,455.15	1/2	4,813.85	1/2	5,135.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,743.50	3/4	4,103.07	3/4	4,462.64	3/4	4,821.28	3/4	5,138.07	3/4		3/4		3/4		3/4		3/4	
5	3,750.99	5	4,110.56	5	4,470.13	5	4,828.71	5	5,140.56	5		5		5		5		5	
1/4	3,758.49	1/4	4,118.05	1/4	4,477.62	1/4	4,836.14	1/4	5,143.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,765.98	1/2	4,125.54	1/2	4,485.11	1/2	4,843.57	1/2	5,145.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,773.47	3/4	4,133.04	3/4	4,492.60	3/4	4,850.99	3/4	5,146.92	3/4		3/4		3/4		3/4		3/4	
6	3,780.96	6	4,140.53	6	4,500.09	6	4,858.42	6	5,148.31	6		6		6		6		6	
1/4	3,788.45	1/4	4,148.02	1/4	4,507.59	1/4	4,865.85	1/4	5,149.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,795.94	1/2	4,155.51	1/2	4,515.08	1/2	4,873.28	1/2	5,151.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,803.43	3/4	4,163.00	3/4	4,522.57	3/4	4,880.71	3/4	5,151.48	3/4		3/4		3/4		3/4		3/4	
7	3,810.92	7	4,170.49	7	4,530.06	7	4,888.14	7	5,151.89	7		7		7		7		7	
1/4	3,818.41	1/4	4,177.98	1/4	4,537.55	1/4	4,895.57	1/4	5,152.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,825.90	1/2	4,185.47	1/2	4,545.04	1/2	4,903.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,833.40	3/4	4,192.96	3/4	4,552.53	3/4	4,910.43	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,840.89	8	4,200.45	8	4,560.02	8	4,917.86	8		8		8		8		8		8	
1/4	3,848.38	1/4	4,207.95	1/4	4,567.51	1/4	4,925.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.87	1/2	4,215.44	1/2	4,575.00	1/2	4,932.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,863.36	3/4	4,222.93	3/4	4,582.50	3/4	4,940.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,870.85	9	4,230.42	9	4,589.99	9	4,947.57	9		9		9		9		9		9	
1/4	3,878.34	1/4	4,237.91	1/4	4,597.48	1/4	4,955.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,885.83	1/2	4,245.40	1/2	4,604.97	1/2	4,962.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,893.32	3/4	4,252.89	3/4	4,612.46	3/4	4,969.86	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,900.81	10	4,260.38	10	4,619.95	10	4,977.29	10		10		10		10		10		10	
1/4	3,908.31	1/4	4,267.87	1/4	4,627.44	1/4	4,984.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,915.80	1/2	4,275.36	1/2	4,634.93	1/2	4,992.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,923.29	3/4	4,282.86	3/4	4,642.42	3/4	4,999.57	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,930.78	11	4,290.35	11	4,649.91	11	5,007.00	11		11		11		11		11		11	
1/4	3,938.27	1/4	4,297.84	1/4	4,657.41	1/4	5,014.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,945.76	1/2	4,305.33	1/2	4,664.90	1/2	5,021.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,953.25	3/4	4,312.82	3/4	4,672.39	3/4	5,029.29	3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 2/14/12

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-2 1/2" (RIM OF 8" DIAMETER HATCH LOCATED NEAR CENTER OF TANK)

REFERENCE GAUGE HEIGHT : 15'-11 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 1/4L10F REV #2 7/98

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "HFL-419"

HINES FURLONG LINE

2 STAR

INNAGE TABLE

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

HULL NO. 2200-2

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	* 17.87	0	365.51	0	724.63	0	1,084.20	0	1,443.77	0	1,803.34	0	2,162.90	0	2,522.47	0	2,882.04	0	3,241.61
1/4	23.21	1/4	372.95	1/4	732.12	1/4	1,091.69	1/4	1,451.26	1/4	1,810.83	1/4	2,170.39	1/4	2,529.96	1/4	2,889.53	1/4	3,249.10
1/2	28.56	1/2	380.38	1/2	739.61	1/2	1,099.18	1/2	1,458.75	1/2	1,818.32	1/2	2,177.89	1/2	2,537.45	1/2	2,897.02	1/2	3,256.59
3/4	33.90	3/4	387.82	3/4	747.10	3/4	1,106.67	3/4	1,466.24	3/4	1,825.81	3/4	2,185.38	3/4	2,544.94	3/4	2,904.51	3/4	3,264.08
1	39.24	1	395.25	1	754.59	1	1,114.16	1	1,473.73	1	1,833.30	1	2,192.87	1	2,552.44	1	2,912.00	1	3,271.57
1/4	46.19	1/4	402.69	1/4	762.09	1/4	1,121.65	1/4	1,481.22	1/4	1,840.79	1/4	2,200.36	1/4	2,559.93	1/4	2,919.49	1/4	3,279.06
1/2	53.14	1/2	410.12	1/2	769.58	1/2	1,129.15	1/2	1,488.71	1/2	1,848.28	1/2	2,207.85	1/2	2,567.42	1/2	2,926.99	1/2	3,286.55
3/4	60.62	3/4	417.56	3/4	777.07	3/4	1,136.64	3/4	1,496.20	3/4	1,855.77	3/4	2,215.34	3/4	2,574.91	3/4	2,934.48	3/4	3,294.04
2	68.11	2	424.99	2	784.56	2	1,144.13	2	1,503.70	2	1,863.26	2	2,222.83	2	2,582.40	2	2,941.97	2	3,301.53
1/4	75.55	1/4	432.48	1/4	792.05	1/4	1,151.62	1/4	1,511.19	1/4	1,870.75	1/4	2,230.32	1/4	2,589.89	1/4	2,949.46	1/4	3,309.03
1/2	82.98	1/2	439.97	1/2	799.54	1/2	1,159.11	1/2	1,518.68	1/2	1,878.25	1/2	2,237.81	1/2	2,597.38	1/2	2,956.95	1/2	3,316.52
3/4	90.42	3/4	447.46	3/4	807.03	3/4	1,166.60	3/4	1,526.17	3/4	1,885.74	3/4	2,245.30	3/4	2,604.87	3/4	2,964.44	3/4	3,324.01
3	97.85	3	454.96	3	814.52	3	1,174.09	3	1,533.66	3	1,893.23	3	2,252.80	3	2,612.36	3	2,971.93	3	3,331.50
1/4	105.29	1/4	462.45	1/4	822.01	1/4	1,181.58	1/4	1,541.15	1/4	1,900.72	1/4	2,260.29	1/4	2,619.85	1/4	2,979.42	1/4	3,338.99
1/2	112.72	1/2	469.94	1/2	829.50	1/2	1,189.07	1/2	1,548.64	1/2	1,908.21	1/2	2,267.78	1/2	2,627.35	1/2	2,986.91	1/2	3,346.48
3/4	120.16	3/4	477.43	3/4	837.00	3/4	1,196.56	3/4	1,556.13	3/4	1,915.70	3/4	2,275.27	3/4	2,634.84	3/4	2,994.40	3/4	3,353.97
4	127.59	4	484.92	4	844.49	4	1,204.06	4	1,563.62	4	1,923.19	4	2,282.76	4	2,642.33	4	3,001.90	4	3,361.46
1/4	135.03	1/4	492.41	1/4	851.98	1/4	1,211.55	1/4	1,571.11	1/4	1,930.68	1/4	2,290.25	1/4	2,649.82	1/4	3,009.39	1/4	3,368.95
1/2	142.46	1/2	499.90	1/2	859.47	1/2	1,219.04	1/2	1,578.61	1/2	1,938.17	1/2	2,297.74	1/2	2,657.31	1/2	3,016.88	1/2	3,376.44
3/4	149.90	3/4	507.39	3/4	866.96	3/4	1,226.53	3/4	1,586.10	3/4	1,945.66	3/4	2,305.23	3/4	2,664.80	3/4	3,024.37	3/4	3,383.94
5	157.33	5	514.88	5	874.45	5	1,234.02	5	1,593.59	5	1,953.16	5	2,312.72	5	2,672.29	5	3,031.86	5	3,391.43
1/4	164.77	1/4	522.37	1/4	881.94	1/4	1,241.51	1/4	1,601.08	1/4	1,960.65	1/4	2,320.21	1/4	2,679.78	1/4	3,039.35	1/4	3,398.92
1/2	172.20	1/2	529.87	1/2	889.43	1/2	1,249.00	1/2	1,608.57	1/2	1,968.14	1/2	2,327.71	1/2	2,687.27	1/2	3,046.84	1/2	3,406.41
3/4	179.64	3/4	537.36	3/4	896.92	3/4	1,256.49	3/4	1,616.06	3/4	1,975.63	3/4	2,335.20	3/4	2,694.76	3/4	3,054.33	3/4	3,413.90
6	187.07	6	544.85	6	904.41	6	1,263.98	6	1,623.55	6	1,983.12	6	2,342.69	6	2,702.26	6	3,061.82	6	3,421.39
1/4	194.51	1/4	552.34	1/4	911.91	1/4	1,271.47	1/4	1,631.04	1/4	1,990.61	1/4	2,350.18	1/4	2,709.75	1/4	3,069.31	1/4	3,428.88
1/2	201.94	1/2	559.83	1/2	919.40	1/2	1,278.97	1/2	1,638.53	1/2	1,998.10	1/2	2,357.67	1/2	2,717.24	1/2	3,076.81	1/2	3,436.37
3/4	209.38	3/4	567.32	3/4	926.89	3/4	1,286.46	3/4	1,646.02	3/4	2,005.59	3/4	2,365.16	3/4	2,724.73	3/4	3,084.30	3/4	3,443.86
7	216.81	7	574.81	7	934.38	7	1,293.95	7	1,653.52	7	2,013.08	7	2,372.65	7	2,732.22	7	3,091.79	7	3,451.35
1/4	224.25	1/4	582.30	1/4	941.87	1/4	1,301.44	1/4	1,661.01	1/4	2,020.57	1/4	2,380.14	1/4	2,739.71	1/4	3,099.28	1/4	3,458.85
1/2	231.68	1/2	589.79	1/2	949.36	1/2	1,308.93	1/2	1,668.50	1/2	2,028.07	1/2	2,387.63	1/2	2,747.20	1/2	3,106.77	1/2	3,466.34
3/4	239.12	3/4	597.28	3/4	956.85	3/4	1,316.42	3/4	1,675.99	3/4	2,035.56	3/4	2,395.12	3/4	2,754.69	3/4	3,114.26	3/4	3,473.83
8	246.55	8	604.78	8	964.34	8	1,323.91	8	1,683.48	8	2,043.05	8	2,402.62	8	2,762.18	8	3,121.75	8	3,481.32
1/4	253.99	1/4	612.27	1/4	971.83	1/4	1,331.40	1/4	1,690.97	1/4	2,050.54	1/4	2,410.11	1/4	2,769.67	1/4	3,129.24	1/4	3,488.81
1/2	261.42	1/2	619.76	1/2	979.32	1/2	1,338.89	1/2	1,698.46	1/2	2,058.03	1/2	2,417.60	1/2	2,777.17	1/2	3,136.73	1/2	3,496.30
3/4	268.86	3/4	627.25	3/4	986.82	3/4	1,346.38	3/4	1,705.95	3/4	2,065.52	3/4	2,425.09	3/4	2,784.66	3/4	3,144.22	3/4	3,503.79
9	276.29	9	634.74	9	994.31	9	1,353.88	9	1,713.44	9	2,073.01	9	2,432.58	9	2,792.15	9	3,151.72	9	3,511.28
1/4	283.73	1/4	642.23	1/4	1,001.80	1/4	1,361.37	1/4	1,720.93	1/4	2,080.50	1/4	2,440.07	1/4	2,799.64	1/4	3,159.21	1/4	3,518.77
1/2	291.16	1/2	649.72	1/2	1,009.29	1/2	1,368.86	1/2	1,728.43	1/2	2,087.99	1/2	2,447.56	1/2	2,807.13	1/2	3,166.70	1/2	3,526.26
3/4	298.60	3/4	657.21	3/4	1,016.78	3/4	1,376.35	3/4	1,735.92	3/4	2,095.48	3/4	2,455.05	3/4	2,814.62	3/4	3,174.19	3/4	3,533.76
10	306.03	10	664.70	10	1,024.27	10	1,383.84	10	1,743.41	10	2,102.98	10	2,462.54	10	2,822.11	10	3,181.68	10	3,541.25
1/4	313.47	1/4	672.19	1/4	1,031.76	1/4	1,391.33	1/4	1,750.90	1/4	2,110.47	1/4	2,470.03	1/4	2,829.60	1/4	3,189.17	1/4	3,548.74
1/2	320.90	1/2	679.69	1/2	1,039.25	1/2	1,398.82	1/2	1,758.39	1/2	2,117.96	1/2	2,477.53	1/2	2,837.09	1/2	3,196.66	1/2	3,556.23
3/4	328.34	3/4	687.18	3/4	1,046.74	3/4	1,406.31	3/4	1,765.88	3/4	2,125.45	3/4	2,485.02	3/4	2,844.58	3/4	3,204.15	3/4	3,563.72
11	335.77	11	694.67	11	1,054.24	11	1,413.80	11	1,773.37	11	2,132.94	11	2,492.51	11	2,852.08	11	3,211.64	11	3,571.21
1/4	343.21	1/4	702.16	1/4	1,061.73	1/4	1,421.29	1/4	1,780.86	1/4	2,140.43	1/4	2,500.00	1/4	2,859.57	1/4	3,219.13	1/4	3,578.70
1/2	350.64	1/2	709.65	1/2	1,069.22	1/2	1,428.79	1/2	1,788.35	1/2	2,147.92	1/2	2,507.49	1/2	2,867.06	1/2	3,226.62	1/2	3,586.19
3/4	358.08	3/4	717.14	3/4	1,076.71	3/4	1,436.28	3/4	1,795.84	3/4	2,155.41	3/4	2,514.98	3/4	2,874.55	3/4	3,234.12	3/4	3,593.68

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,601.17	0	3,960.74	0	4,320.31	0	4,679.88	0	5,036.72	0		0		0		0		0	
1/4	3,608.67	1/4	3,968.23	1/4	4,327.80	1/4	4,687.37	1/4	5,044.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,616.16	1/2	3,975.72	1/2	4,335.29	1/2	4,694.86	1/2	5,051.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,623.65	3/4	3,983.22	3/4	4,342.78	3/4	4,702.35	3/4	5,058.45	3/4		3/4		3/4		3/4		3/4	
1	3,631.14	1	3,990.71	1	4,350.27	1	4,709.84	1	5,065.33	1		1		1		1		1	
1/4	3,638.63	1/4	3,998.20	1/4	4,357.77	1/4	4,717.27	1/4	5,072.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.12	1/2	4,005.69	1/2	4,365.26	1/2	4,724.70	1/2	5,079.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,653.61	3/4	4,013.18	3/4	4,372.75	3/4	4,732.13	3/4	5,084.89	3/4		3/4		3/4		3/4		3/4	
2	3,661.10	2	4,020.67	2	4,380.24	2	4,739.56	2	5,090.71	2		2		2		2		2	
1/4	3,668.59	1/4	4,028.16	1/4	4,387.73	1/4	4,746.99	1/4	5,096.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.08	1/2	4,035.65	1/2	4,395.22	1/2	4,754.42	1/2	5,102.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,683.58	3/4	4,043.14	3/4	4,402.71	3/4	4,761.85	3/4	5,107.05	3/4		3/4		3/4		3/4		3/4	
3	3,691.07	3	4,050.63	3	4,410.20	3	4,769.28	3	5,111.76	3		3		3		3		3	
1/4	3,698.56	1/4	4,058.13	1/4	4,417.69	1/4	4,776.70	1/4	5,116.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,706.05	1/2	4,065.62	1/2	4,425.18	1/2	4,784.13	1/2	5,121.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,713.54	3/4	4,073.11	3/4	4,432.68	3/4	4,791.56	3/4	5,124.78	3/4		3/4		3/4		3/4		3/4	
4	3,721.03	4	4,080.60	4	4,440.17	4	4,798.99	4	5,128.38	4		4		4		4		4	
1/4	3,728.52	1/4	4,088.09	1/4	4,447.66	1/4	4,806.42	1/4	5,131.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,736.01	1/2	4,095.58	1/2	4,455.15	1/2	4,813.85	1/2	5,135.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,743.50	3/4	4,103.07	3/4	4,462.64	3/4	4,821.28	3/4	5,138.07	3/4		3/4		3/4		3/4		3/4	
5	3,750.99	5	4,110.56	5	4,470.13	5	4,828.71	5	5,140.56	5		5		5		5		5	
1/4	3,758.49	1/4	4,118.05	1/4	4,477.62	1/4	4,836.14	1/4	5,143.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,765.98	1/2	4,125.54	1/2	4,485.11	1/2	4,843.57	1/2	5,145.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,773.47	3/4	4,133.04	3/4	4,492.60	3/4	4,850.99	3/4	5,146.92	3/4		3/4		3/4		3/4		3/4	
6	3,780.96	6	4,140.53	6	4,500.09	6	4,858.42	6	5,148.31	6		6		6		6		6	
1/4	3,788.45	1/4	4,148.02	1/4	4,507.59	1/4	4,865.85	1/4	5,149.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,795.94	1/2	4,155.51	1/2	4,515.08	1/2	4,873.28	1/2	5,151.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,803.43	3/4	4,163.00	3/4	4,522.57	3/4	4,880.71	3/4	5,151.48	3/4		3/4		3/4		3/4		3/4	
7	3,810.92	7	4,170.49	7	4,530.06	7	4,888.14	7	5,151.89	7		7		7		7		7	
1/4	3,818.41	1/4	4,177.98	1/4	4,537.55	1/4	4,895.57	1/4	5,152.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,825.90	1/2	4,185.47	1/2	4,545.04	1/2	4,903.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,833.40	3/4	4,192.96	3/4	4,552.53	3/4	4,910.43	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,840.89	8	4,200.45	8	4,560.02	8	4,917.86	8		8		8		8		8		8	
1/4	3,848.38	1/4	4,207.95	1/4	4,567.51	1/4	4,925.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.87	1/2	4,215.44	1/2	4,575.00	1/2	4,932.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,863.36	3/4	4,222.93	3/4	4,582.50	3/4	4,940.14	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,870.85	9	4,230.42	9	4,589.99	9	4,947.57	9		9		9		9		9		9	
1/4	3,878.34	1/4	4,237.91	1/4	4,597.48	1/4	4,955.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,885.83	1/2	4,245.40	1/2	4,604.97	1/2	4,962.43	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,893.32	3/4	4,252.89	3/4	4,612.46	3/4	4,969.86	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,900.81	10	4,260.38	10	4,619.95	10	4,977.29	10		10		10		10		10		10	
1/4	3,908.31	1/4	4,267.87	1/4	4,627.44	1/4	4,984.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,915.80	1/2	4,275.36	1/2	4,634.93	1/2	4,992.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,923.29	3/4	4,282.86	3/4	4,642.42	3/4	4,999.57	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,930.78	11	4,290.35	11	4,649.91	11	5,007.00	11		11		11		11		11		11	
1/4	3,938.27	1/4	4,297.84	1/4	4,657.41	1/4	5,014.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,945.76	1/2	4,305.33	1/2	4,664.90	1/2	5,021.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,953.25	3/4	4,312.82	3/4	4,672.39	3/4	5,029.29	3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 2/14/12

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-2 1/2" (RIM OF 8" DIAMETER HATCH LOCATED NEAR CENTER OF TANK)

REFERENCE GAUGE HEIGHT : 15'-11 1/4" (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 1/4L10F REV #2 7/96

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "HFL-419"

HINES FURLONG LINE

3 PORT

INNAGE TABLE

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

HULL NO. 2200-2

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	* 15.73	0	357.32	0	714.63	0	1,072.18	0	1,429.74	0	1,787.29	0	2,144.84	0	2,502.39	0	2,859.94	0	3,217.50
1/4	20.40	1/4	364.74	1/4	722.08	1/4	1,079.63	1/4	1,437.18	1/4	1,794.74	1/4	2,152.29	1/4	2,509.84	1/4	2,867.39	1/4	3,224.94
1/2	25.07	1/2	372.16	1/2	729.53	1/2	1,087.08	1/2	1,444.63	1/2	1,802.19	1/2	2,159.74	1/2	2,517.29	1/2	2,874.84	1/2	3,232.39
3/4	29.74	3/4	379.58	3/4	736.98	3/4	1,094.53	3/4	1,452.08	3/4	1,809.63	3/4	2,167.19	3/4	2,524.74	3/4	2,882.29	3/4	3,239.84
1	34.41	1	387.00	1	744.43	1	1,101.98	1	1,459.53	1	1,817.08	1	2,174.64	1	2,532.19	1	2,889.74	1	3,247.29
1/4	40.95	1/4	394.41	1/4	751.88	1/4	1,109.43	1/4	1,466.98	1/4	1,824.53	1/4	2,182.08	1/4	2,539.64	1/4	2,897.19	1/4	3,254.74
1/2	47.49	1/2	401.83	1/2	759.32	1/2	1,116.88	1/2	1,474.43	1/2	1,831.98	1/2	2,189.53	1/2	2,547.09	1/2	2,904.64	1/2	3,262.19
3/4	54.02	3/4	409.25	3/4	766.77	3/4	1,124.33	3/4	1,481.88	3/4	1,839.43	3/4	2,196.98	3/4	2,554.53	3/4	2,912.09	3/4	3,269.64
2	60.56	2	416.67	2	774.22	2	1,131.78	2	1,489.33	2	1,846.88	2	2,204.43	2	2,561.98	2	2,919.54	2	3,277.09
1/4	67.98	1/4	424.12	1/4	781.67	1/4	1,139.22	1/4	1,496.78	1/4	1,854.33	1/4	2,211.88	1/4	2,569.43	1/4	2,926.98	1/4	3,284.54
1/2	75.40	1/2	431.57	1/2	789.12	1/2	1,146.67	1/2	1,504.23	1/2	1,861.78	1/2	2,219.33	1/2	2,576.88	1/2	2,934.43	1/2	3,291.99
3/4	82.82	3/4	439.02	3/4	796.57	3/4	1,154.12	3/4	1,511.67	3/4	1,869.23	3/4	2,226.78	3/4	2,584.33	3/4	2,941.88	3/4	3,299.43
3	90.24	3	446.47	3	804.02	3	1,161.57	3	1,519.12	3	1,876.68	3	2,234.23	3	2,591.78	3	2,949.33	3	3,306.88
1/4	97.65	1/4	453.92	1/4	811.47	1/4	1,169.02	1/4	1,526.57	1/4	1,884.12	1/4	2,241.68	1/4	2,599.23	1/4	2,956.78	1/4	3,314.33
1/2	105.07	1/2	461.37	1/2	818.92	1/2	1,176.47	1/2	1,534.02	1/2	1,891.57	1/2	2,249.13	1/2	2,606.68	1/2	2,964.23	1/2	3,321.78
3/4	112.49	3/4	468.81	3/4	826.37	3/4	1,183.92	3/4	1,541.47	3/4	1,899.02	3/4	2,256.57	3/4	2,614.13	3/4	2,971.68	3/4	3,329.23
4	119.91	4	476.26	4	833.81	4	1,191.37	4	1,548.92	4	1,906.47	4	2,264.02	4	2,621.58	4	2,979.13	4	3,336.68
1/4	127.33	1/4	483.71	1/4	841.26	1/4	1,198.82	1/4	1,556.37	1/4	1,913.92	1/4	2,271.47	1/4	2,629.02	1/4	2,986.58	1/4	3,344.13
1/2	134.75	1/2	491.16	1/2	848.71	1/2	1,206.27	1/2	1,563.82	1/2	1,921.37	1/2	2,278.92	1/2	2,636.47	1/2	2,994.03	1/2	3,351.58
3/4	142.17	3/4	498.61	3/4	856.16	3/4	1,213.71	3/4	1,571.27	3/4	1,928.82	3/4	2,286.37	3/4	2,643.92	3/4	3,001.47	3/4	3,359.03
5	149.59	5	506.06	5	863.61	5	1,221.16	5	1,578.72	5	1,936.27	5	2,293.82	5	2,651.37	5	3,008.92	5	3,366.48
1/4	157.01	1/4	513.51	1/4	871.06	1/4	1,228.61	1/4	1,586.16	1/4	1,943.72	1/4	2,301.27	1/4	2,658.82	1/4	3,016.37	1/4	3,373.92
1/2	164.43	1/2	520.96	1/2	878.51	1/2	1,236.06	1/2	1,593.61	1/2	1,951.17	1/2	2,308.72	1/2	2,666.27	1/2	3,023.82	1/2	3,381.37
3/4	171.84	3/4	528.41	3/4	885.96	3/4	1,243.51	3/4	1,601.06	3/4	1,958.61	3/4	2,316.17	3/4	2,673.72	3/4	3,031.27	3/4	3,388.82
6	179.26	6	535.86	6	893.41	6	1,250.96	6	1,608.51	6	1,966.06	6	2,323.62	6	2,681.17	6	3,038.72	6	3,396.27
1/4	186.68	1/4	543.30	1/4	900.86	1/4	1,258.41	1/4	1,615.96	1/4	1,973.51	1/4	2,331.06	1/4	2,688.62	1/4	3,046.17	1/4	3,403.72
1/2	194.10	1/2	550.75	1/2	908.30	1/2	1,265.86	1/2	1,623.41	1/2	1,980.96	1/2	2,338.51	1/2	2,696.07	1/2	3,053.62	1/2	3,410.85
3/4	201.52	3/4	558.20	3/4	915.75	3/4	1,273.31	3/4	1,630.86	3/4	1,988.41	3/4	2,345.96	3/4	2,703.51	3/4	3,061.07	3/4	3,417.98
7	208.94	7	565.65	7	923.20	7	1,280.76	7	1,638.31	7	1,995.86	7	2,353.41	7	2,710.96	7	3,068.52	7	3,425.11
1/4	216.36	1/4	573.10	1/4	930.65	1/4	1,288.20	1/4	1,645.76	1/4	2,003.31	1/4	2,360.86	1/4	2,718.41	1/4	3,075.96	1/4	3,432.24
1/2	223.78	1/2	580.55	1/2	938.10	1/2	1,295.65	1/2	1,653.21	1/2	2,010.76	1/2	2,368.31	1/2	2,725.86	1/2	3,083.41	1/2	3,438.68
3/4	231.20	3/4	588.00	3/4	945.55	3/4	1,303.10	3/4	1,660.65	3/4	2,018.21	3/4	2,375.76	3/4	2,733.31	3/4	3,090.86	3/4	3,445.13
8	238.62	8	595.45	8	953.00	8	1,310.55	8	1,668.10	8	2,025.66	8	2,383.21	8	2,740.76	8	3,098.31	8	3,451.57
1/4	246.03	1/4	602.90	1/4	960.45	1/4	1,318.00	1/4	1,675.55	1/4	2,033.10	1/4	2,390.66	1/4	2,748.21	1/4	3,105.76	1/4	3,458.02
1/2	253.45	1/2	610.34	1/2	967.90	1/2	1,325.45	1/2	1,683.00	1/2	2,040.55	1/2	2,398.11	1/2	2,755.66	1/2	3,113.21	1/2	3,463.78
3/4	260.87	3/4	617.79	3/4	975.35	3/4	1,332.90	3/4	1,690.45	3/4	2,048.00	3/4	2,405.55	3/4	2,763.11	3/4	3,120.66	3/4	3,469.54
9	268.29	9	625.24	9	982.79	9	1,340.35	9	1,697.90	9	2,055.45	9	2,413.00	9	2,770.56	9	3,128.11	9	3,475.30
1/4	275.71	1/4	632.69	1/4	990.24	1/4	1,347.80	1/4	1,705.35	1/4	2,062.90	1/4	2,420.45	1/4	2,778.00	1/4	3,135.56	1/4	3,481.06
1/2	283.13	1/2	640.14	1/2	997.69	1/2	1,355.25	1/2	1,712.80	1/2	2,070.35	1/2	2,427.90	1/2	2,785.45	1/2	3,143.01	1/2	3,486.14
3/4	290.55	3/4	647.59	3/4	1,005.14	3/4	1,362.69	3/4	1,720.25	3/4	2,077.80	3/4	2,435.35	3/4	2,792.90	3/4	3,150.45	3/4	3,491.21
10	297.97	10	655.04	10	1,012.59	10	1,370.14	10	1,727.70	10	2,085.25	10	2,442.80	10	2,800.35	10	3,157.90	10	3,496.29
1/4	305.39	1/4	662.49	1/4	1,020.04	1/4	1,377.59	1/4	1,735.14	1/4	2,092.70	1/4	2,450.25	1/4	2,807.80	1/4	3,165.35	1/4	3,501.37
1/2	312.81	1/2	669.94	1/2	1,027.49	1/2	1,385.04	1/2	1,742.59	1/2	2,100.15	1/2	2,457.70	1/2	2,815.25	1/2	3,172.80	1/2	3,505.76
3/4	320.22	3/4	677.39	3/4	1,034.94	3/4	1,392.49	3/4	1,750.04	3/4	2,107.59	3/4	2,465.15	3/4	2,822.70	3/4	3,180.25	3/4	3,510.15
11	327.64	11	684.83	11	1,042.39	11	1,399.94	11	1,757.49	11	2,115.04	11	2,472.60	11	2,830.15	11	3,187.70	11	3,514.54
1/4	335.06	1/4	692.28	1/4	1,049.84	1/4	1,407.39	1/4	1,764.94	1/4	2,122.49	1/4	2,480.04	1/4	2,837.60	1/4	3,195.15	1/4	3,518.94
1/2	342.48	1/2	699.73	1/2	1,057.29	1/2	1,414.84	1/2	1,772.39	1/2	2,129.94	1/2	2,487.49	1/2	2,845.05	1/2	3,202.60	1/2	3,522.64
3/4	349.90	3/4	707.18	3/4	1,064.73	3/4	1,422.29	3/4	1,779.84	3/4	2,137.39	3/4	2,494.94	3/4	2,852.49	3/4	3,210.05	3/4	3,526.35

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	3,530.06	0	3,668.14	0	3,804.56	0	3,940.98	0	4,077.39	0		0		0		0		0	
1/4	3,533.77	1/4	3,670.99	1/4	3,807.40	1/4	3,943.82	1/4	4,080.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,536.88	1/2	3,673.83	1/2	3,810.24	1/2	3,946.66	1/2	4,083.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,539.99	3/4	3,676.67	3/4	3,813.09	3/4	3,949.50	3/4	4,085.71	3/4		3/4		3/4		3/4		3/4	
1	3,543.10	1	3,679.51	1	3,815.93	1	3,952.34	1	4,088.34	1		1		1		1		1	
1/4	3,545.94	1/4	3,682.35	1/4	3,818.77	1/4	3,955.19	1/4	4,090.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,548.78	1/2	3,685.20	1/2	3,821.61	1/2	3,958.03	1/2	4,093.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,551.62	3/4	3,688.04	3/4	3,824.45	3/4	3,960.87	3/4	4,095.80	3/4		3/4		3/4		3/4		3/4	
2	3,554.46	2	3,690.88	2	3,827.30	2	3,963.71	2	4,098.01	2		2		2		2		2	
1/4	3,557.31	1/4	3,693.72	1/4	3,830.14	1/4	3,966.55	1/4	4,100.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,560.15	1/2	3,696.56	1/2	3,832.98	1/2	3,969.40	1/2	4,102.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,562.99	3/4	3,699.41	3/4	3,835.82	3/4	3,972.24	3/4	4,104.21	3/4		3/4		3/4		3/4		3/4	
3	3,565.83	3	3,702.25	3	3,838.66	3	3,975.08	3	4,106.00	3		3		3		3		3	
1/4	3,568.67	1/4	3,705.09	1/4	3,841.51	1/4	3,977.92	1/4	4,107.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,571.52	1/2	3,707.93	1/2	3,844.35	1/2	3,980.76	1/2	4,109.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,574.36	3/4	3,710.77	3/4	3,847.19	3/4	3,983.61	3/4	4,110.93	3/4		3/4		3/4		3/4		3/4	
4	3,577.20	4	3,713.62	4	3,850.03	4	3,986.45	4	4,112.29	4		4		4		4		4	
1/4	3,580.04	1/4	3,716.46	1/4	3,852.87	1/4	3,989.29	1/4	4,113.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,582.88	1/2	3,719.30	1/2	3,855.72	1/2	3,992.13	1/2	4,115.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.73	3/4	3,722.14	3/4	3,858.56	3/4	3,994.97	3/4	4,115.96	3/4		3/4		3/4		3/4		3/4	
5	3,588.57	5	3,724.98	5	3,861.40	5	3,997.82	5	4,116.90	5		5		5		5		5	
1/4	3,591.41	1/4	3,727.83	1/4	3,864.24	1/4	4,000.66	1/4	4,117.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,594.25	1/2	3,730.67	1/2	3,867.08	1/2	4,003.50	1/2	4,118.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.09	3/4	3,733.51	3/4	3,869.93	3/4	4,006.34	3/4	4,119.29	3/4		3/4		3/4		3/4		3/4	
6	3,599.94	6	3,736.35	6	3,872.77	6	4,009.18	6	4,119.81	6		6		6		6		6	
1/4	3,602.78	1/4	3,739.19	1/4	3,875.61	1/4	4,012.03	1/4	4,120.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,605.62	1/2	3,742.04	1/2	3,878.45	1/2	4,014.87	1/2	4,120.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.46	3/4	3,744.88	3/4	3,881.29	3/4	4,017.71	3/4	4,120.99	3/4		3/4		3/4		3/4		3/4	
7	3,611.30	7	3,747.72	7	3,884.14	7	4,020.55	7	4,121.14	7		7		7		7		7	
1/4	3,614.15	1/4	3,750.56	1/4	3,886.98	1/4	4,023.39	1/4	4,121.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,616.99	1/2	3,753.40	1/2	3,889.82	1/2	4,026.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,619.83	3/4	3,756.25	3/4	3,892.66	3/4	4,029.08	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,622.67	8	3,759.09	8	3,895.50	8	4,031.92	8		8		8		8		8		8	
1/4	3,625.51	1/4	3,761.93	1/4	3,898.35	1/4	4,034.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,628.36	1/2	3,764.77	1/2	3,901.19	1/2	4,037.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.20	3/4	3,767.61	3/4	3,904.03	3/4	4,040.45	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,634.04	9	3,770.46	9	3,906.87	9	4,043.29	9		9		9		9		9		9	
1/4	3,636.88	1/4	3,773.30	1/4	3,909.71	1/4	4,046.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,639.72	1/2	3,776.14	1/2	3,912.56	1/2	4,048.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,642.57	3/4	3,778.98	3/4	3,915.40	3/4	4,051.81	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,645.41	10	3,781.82	10	3,918.24	10	4,054.66	10		10		10		10		10		10	
1/4	3,648.25	1/4	3,784.67	1/4	3,921.08	1/4	4,057.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.09	1/2	3,787.51	1/2	3,923.92	1/2	4,060.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.93	3/4	3,790.35	3/4	3,926.77	3/4	4,063.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,656.78	11	3,793.19	11	3,929.61	11	4,066.02	11		11		11		11		11		11	
1/4	3,659.62	1/4	3,796.03	1/4	3,932.45	1/4	4,068.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,662.46	1/2	3,798.88	1/2	3,935.29	1/2	4,071.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,665.30	3/4	3,801.72	3/4	3,938.13	3/4	4,074.55	3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 2/14/12

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-2 1/4" (RIM OF 8" DIAMETER HATCH LOCATED NEAR CENTER OF TANK)

REFERENCE GAUGE HEIGHT : 15'-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 1/4LLDF REV #2 7/96

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "HFL-419"

HINES FURLONG LINE

3 STAR

INNAGE TABLE

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

HULL NO. 2200-2

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	* 15.73	0	357.32	0	714.63	0	1,072.18	0	1,429.74	0	1,787.29	0	2,144.84	0	2,502.39	0	2,859.94	0	3,217.50
1/4	20.40	1/4	364.74	1/4	722.08	1/4	1,079.63	1/4	1,437.18	1/4	1,794.74	1/4	2,152.29	1/4	2,509.84	1/4	2,867.39	1/4	3,224.94
1/2	25.07	1/2	372.16	1/2	729.53	1/2	1,087.08	1/2	1,444.63	1/2	1,802.19	1/2	2,159.74	1/2	2,517.29	1/2	2,874.84	1/2	3,232.39
3/4	29.74	3/4	379.58	3/4	736.98	3/4	1,094.53	3/4	1,452.08	3/4	1,809.63	3/4	2,167.19	3/4	2,524.74	3/4	2,882.29	3/4	3,239.84
1	34.41	1	387.00	1	744.43	1	1,101.98	1	1,459.53	1	1,817.08	1	2,174.64	1	2,532.19	1	2,889.74	1	3,247.29
1/4	40.95	1/4	394.41	1/4	751.88	1/4	1,109.43	1/4	1,466.98	1/4	1,824.53	1/4	2,182.08	1/4	2,539.64	1/4	2,897.19	1/4	3,254.74
1/2	47.49	1/2	401.83	1/2	759.32	1/2	1,116.88	1/2	1,474.43	1/2	1,831.98	1/2	2,189.53	1/2	2,547.09	1/2	2,904.64	1/2	3,262.19
3/4	54.02	3/4	409.25	3/4	766.77	3/4	1,124.33	3/4	1,481.88	3/4	1,839.43	3/4	2,196.98	3/4	2,554.53	3/4	2,912.09	3/4	3,269.64
2	60.56	2	416.67	2	774.22	2	1,131.78	2	1,489.33	2	1,846.88	2	2,204.43	2	2,561.98	2	2,919.54	2	3,277.09
1/4	67.98	1/4	424.12	1/4	781.67	1/4	1,139.22	1/4	1,496.78	1/4	1,854.33	1/4	2,211.88	1/4	2,569.43	1/4	2,926.98	1/4	3,284.54
1/2	75.40	1/2	431.57	1/2	789.12	1/2	1,146.67	1/2	1,504.23	1/2	1,861.78	1/2	2,219.33	1/2	2,576.88	1/2	2,934.43	1/2	3,291.99
3/4	82.82	3/4	439.02	3/4	796.57	3/4	1,154.12	3/4	1,511.67	3/4	1,869.23	3/4	2,226.78	3/4	2,584.33	3/4	2,941.88	3/4	3,299.43
3	90.24	3	446.47	3	804.02	3	1,161.57	3	1,519.12	3	1,876.68	3	2,234.23	3	2,591.78	3	2,949.33	3	3,306.88
1/4	97.65	1/4	453.92	1/4	811.47	1/4	1,169.02	1/4	1,526.57	1/4	1,884.12	1/4	2,241.68	1/4	2,599.23	1/4	2,956.78	1/4	3,314.33
1/2	105.07	1/2	461.37	1/2	818.92	1/2	1,176.47	1/2	1,534.02	1/2	1,891.57	1/2	2,249.13	1/2	2,606.68	1/2	2,964.23	1/2	3,321.78
3/4	112.49	3/4	468.81	3/4	826.37	3/4	1,183.92	3/4	1,541.47	3/4	1,899.02	3/4	2,256.57	3/4	2,614.13	3/4	2,971.68	3/4	3,329.23
4	119.91	4	476.26	4	833.81	4	1,191.37	4	1,548.92	4	1,906.47	4	2,264.02	4	2,621.58	4	2,979.13	4	3,336.68
1/4	127.33	1/4	483.71	1/4	841.26	1/4	1,198.82	1/4	1,556.37	1/4	1,913.92	1/4	2,271.47	1/4	2,629.02	1/4	2,986.58	1/4	3,344.13
1/2	134.75	1/2	491.16	1/2	848.71	1/2	1,206.27	1/2	1,563.82	1/2	1,921.37	1/2	2,278.92	1/2	2,636.47	1/2	2,994.03	1/2	3,351.58
3/4	142.17	3/4	498.61	3/4	856.16	3/4	1,213.71	3/4	1,571.27	3/4	1,928.82	3/4	2,286.37	3/4	2,643.92	3/4	3,001.47	3/4	3,359.03
5	149.59	5	506.06	5	863.61	5	1,221.16	5	1,578.72	5	1,936.27	5	2,293.82	5	2,651.37	5	3,008.92	5	3,366.48
1/4	157.01	1/4	513.51	1/4	871.06	1/4	1,228.61	1/4	1,586.16	1/4	1,943.72	1/4	2,301.27	1/4	2,658.82	1/4	3,016.37	1/4	3,373.92
1/2	164.43	1/2	520.96	1/2	878.51	1/2	1,236.06	1/2	1,593.61	1/2	1,951.17	1/2	2,308.72	1/2	2,666.27	1/2	3,023.82	1/2	3,381.37
3/4	171.84	3/4	528.41	3/4	885.96	3/4	1,243.51	3/4	1,601.06	3/4	1,958.61	3/4	2,316.17	3/4	2,673.72	3/4	3,031.27	3/4	3,388.82
6	179.26	6	535.86	6	893.41	6	1,250.96	6	1,608.51	6	1,966.06	6	2,323.62	6	2,681.17	6	3,038.72	6	3,396.27
1/4	186.68	1/4	543.30	1/4	900.86	1/4	1,258.41	1/4	1,615.96	1/4	1,973.51	1/4	2,331.06	1/4	2,688.62	1/4	3,046.17	1/4	3,403.72
1/2	194.10	1/2	550.75	1/2	908.30	1/2	1,265.86	1/2	1,623.41	1/2	1,980.96	1/2	2,338.51	1/2	2,696.07	1/2	3,053.62	1/2	3,410.85
3/4	201.52	3/4	558.20	3/4	915.75	3/4	1,273.31	3/4	1,630.86	3/4	1,988.41	3/4	2,345.96	3/4	2,703.51	3/4	3,061.07	3/4	3,417.98
7	208.94	7	565.65	7	923.20	7	1,280.76	7	1,638.31	7	1,995.86	7	2,353.41	7	2,710.96	7	3,068.52	7	3,425.11
1/4	216.36	1/4	573.10	1/4	930.65	1/4	1,288.20	1/4	1,645.76	1/4	2,003.31	1/4	2,360.86	1/4	2,718.41	1/4	3,075.96	1/4	3,432.24
1/2	223.78	1/2	580.55	1/2	938.10	1/2	1,295.65	1/2	1,653.21	1/2	2,010.76	1/2	2,368.31	1/2	2,725.86	1/2	3,083.41	1/2	3,438.68
3/4	231.20	3/4	588.00	3/4	945.55	3/4	1,303.10	3/4	1,660.65	3/4	2,018.21	3/4	2,375.76	3/4	2,733.31	3/4	3,090.86	3/4	3,445.13
8	238.62	8	595.45	8	953.00	8	1,310.55	8	1,668.10	8	2,025.66	8	2,383.21	8	2,740.76	8	3,098.31	8	3,451.57
1/4	246.03	1/4	602.90	1/4	960.45	1/4	1,318.00	1/4	1,675.55	1/4	2,033.10	1/4	2,390.66	1/4	2,748.21	1/4	3,105.76	1/4	3,458.02
1/2	253.45	1/2	610.34	1/2	967.90	1/2	1,325.45	1/2	1,683.00	1/2	2,040.55	1/2	2,398.11	1/2	2,755.66	1/2	3,113.21	1/2	3,463.78
3/4	260.87	3/4	617.79	3/4	975.35	3/4	1,332.90	3/4	1,690.45	3/4	2,048.00	3/4	2,405.55	3/4	2,763.11	3/4	3,120.66	3/4	3,469.54
9	268.29	9	625.24	9	982.79	9	1,340.35	9	1,697.90	9	2,055.45	9	2,413.00	9	2,770.56	9	3,128.11	9	3,475.30
1/4	275.71	1/4	632.69	1/4	990.24	1/4	1,347.80	1/4	1,705.35	1/4	2,062.90	1/4	2,420.45	1/4	2,778.00	1/4	3,135.56	1/4	3,481.06
1/2	283.13	1/2	640.14	1/2	997.69	1/2	1,355.25	1/2	1,712.80	1/2	2,070.35	1/2	2,427.90	1/2	2,785.45	1/2	3,143.01	1/2	3,486.14
3/4	290.55	3/4	647.59	3/4	1,005.14	3/4	1,362.69	3/4	1,720.25	3/4	2,077.80	3/4	2,435.35	3/4	2,792.90	3/4	3,150.45	3/4	3,491.21
10	297.97	10	655.04	10	1,012.59	10	1,370.14	10	1,727.70	10	2,085.25	10	2,442.80	10	2,800.35	10	3,157.90	10	3,496.29
1/4	305.39	1/4	662.49	1/4	1,020.04	1/4	1,377.59	1/4	1,735.14	1/4	2,092.70	1/4	2,450.25	1/4	2,807.80	1/4	3,165.35	1/4	3,501.37
1/2	312.81	1/2	669.94	1/2	1,027.49	1/2	1,385.04	1/2	1,742.59	1/2	2,100.15	1/2	2,457.70	1/2	2,815.25	1/2	3,172.80	1/2	3,505.76
3/4	320.22	3/4	677.39	3/4	1,034.94	3/4	1,392.49	3/4	1,750.04	3/4	2,107.59	3/4	2,465.15	3/4	2,822.70	3/4	3,180.25	3/4	3,510.15
11	327.64	11	684.83	11	1,042.39	11	1,399.94	11	1,757.49	11	2,115.04	11	2,472.60	11	2,830.15	11	3,187.70	11	3,514.54
1/4	335.06	1/4	692.28	1/4	1,049.84	1/4	1,407.39	1/4	1,764.94	1/4	2,122.49	1/4	2,480.04	1/4	2,837.60	1/4	3,195.15	1/4	3,518.94
1/2	342.48	1/2	699.73	1/2	1,057.29	1/2	1,414.84	1/2	1,772.39	1/2	2,129.94	1/2	2,487.49	1/2	2,845.05	1/2	3,202.60	1/2	3,522.64
3/4	349.90	3/4	707.18	3/4	1,064.73	3/4	1,422.29	3/4	1,779.84	3/4	2,137.39	3/4	2,494.94	3/4	2,852.49	3/4	3,210.05	3/4	3,526.35

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	3,530.06	0	3,668.14	0	3,804.56	0	3,940.98	0	4,077.39	0		0		0		0		0	
1/4	3,533.77	1/4	3,670.99	1/4	3,807.40	1/4	3,943.82	1/4	4,080.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,536.88	1/2	3,673.83	1/2	3,810.24	1/2	3,946.66	1/2	4,083.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,539.99	3/4	3,676.67	3/4	3,813.09	3/4	3,949.50	3/4	4,085.71	3/4		3/4		3/4		3/4		3/4	
1	3,543.10	1	3,679.51	1	3,815.93	1	3,952.34	1	4,088.34	1		1		1		1		1	
1/4	3,545.94	1/4	3,682.35	1/4	3,818.77	1/4	3,955.19	1/4	4,090.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,548.78	1/2	3,685.20	1/2	3,821.61	1/2	3,958.03	1/2	4,093.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,551.62	3/4	3,688.04	3/4	3,824.45	3/4	3,960.87	3/4	4,095.80	3/4		3/4		3/4		3/4		3/4	
2	3,554.46	2	3,690.88	2	3,827.30	2	3,963.71	2	4,098.01	2		2		2		2		2	
1/4	3,557.31	1/4	3,693.72	1/4	3,830.14	1/4	3,966.55	1/4	4,100.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,560.15	1/2	3,696.56	1/2	3,832.98	1/2	3,969.40	1/2	4,102.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,562.99	3/4	3,699.41	3/4	3,835.82	3/4	3,972.24	3/4	4,104.21	3/4		3/4		3/4		3/4		3/4	
3	3,565.83	3	3,702.25	3	3,838.66	3	3,975.08	3	4,106.00	3		3		3		3		3	
1/4	3,568.67	1/4	3,705.09	1/4	3,841.51	1/4	3,977.92	1/4	4,107.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,571.52	1/2	3,707.93	1/2	3,844.35	1/2	3,980.76	1/2	4,109.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,574.36	3/4	3,710.77	3/4	3,847.19	3/4	3,983.61	3/4	4,110.93	3/4		3/4		3/4		3/4		3/4	
4	3,577.20	4	3,713.62	4	3,850.03	4	3,986.45	4	4,112.29	4		4		4		4		4	
1/4	3,580.04	1/4	3,716.46	1/4	3,852.87	1/4	3,989.29	1/4	4,113.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,582.88	1/2	3,719.30	1/2	3,855.72	1/2	3,992.13	1/2	4,115.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.73	3/4	3,722.14	3/4	3,858.56	3/4	3,994.97	3/4	4,115.96	3/4		3/4		3/4		3/4		3/4	
5	3,588.57	5	3,724.98	5	3,861.40	5	3,997.82	5	4,116.90	5		5		5		5		5	
1/4	3,591.41	1/4	3,727.83	1/4	3,864.24	1/4	4,000.66	1/4	4,117.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,594.25	1/2	3,730.67	1/2	3,867.08	1/2	4,003.50	1/2	4,118.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,597.09	3/4	3,733.51	3/4	3,869.93	3/4	4,006.34	3/4	4,119.29	3/4		3/4		3/4		3/4		3/4	
6	3,599.94	6	3,736.35	6	3,872.77	6	4,009.18	6	4,119.81	6		6		6		6		6	
1/4	3,602.78	1/4	3,739.19	1/4	3,875.61	1/4	4,012.03	1/4	4,120.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,605.62	1/2	3,742.04	1/2	3,878.45	1/2	4,014.87	1/2	4,120.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,608.46	3/4	3,744.88	3/4	3,881.29	3/4	4,017.71	3/4	4,120.99	3/4		3/4		3/4		3/4		3/4	
7	3,611.30	7	3,747.72	7	3,884.14	7	4,020.55	7	4,121.14	7		7		7		7		7	
1/4	3,614.15	1/4	3,750.56	1/4	3,886.98	1/4	4,023.39	1/4	4,121.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,616.99	1/2	3,753.40	1/2	3,889.82	1/2	4,026.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,619.83	3/4	3,756.25	3/4	3,892.66	3/4	4,029.08	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,622.67	8	3,759.09	8	3,895.50	8	4,031.92	8		8		8		8		8		8	
1/4	3,625.51	1/4	3,761.93	1/4	3,898.35	1/4	4,034.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,628.36	1/2	3,764.77	1/2	3,901.19	1/2	4,037.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.20	3/4	3,767.61	3/4	3,904.03	3/4	4,040.45	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,634.04	9	3,770.46	9	3,906.87	9	4,043.29	9		9		9		9		9		9	
1/4	3,636.88	1/4	3,773.30	1/4	3,909.71	1/4	4,046.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,639.72	1/2	3,776.14	1/2	3,912.56	1/2	4,048.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,642.57	3/4	3,778.98	3/4	3,915.40	3/4	4,051.81	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,645.41	10	3,781.82	10	3,918.24	10	4,054.66	10		10		10		10		10		10	
1/4	3,648.25	1/4	3,784.67	1/4	3,921.08	1/4	4,057.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,651.09	1/2	3,787.51	1/2	3,923.92	1/2	4,060.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,653.93	3/4	3,790.35	3/4	3,926.77	3/4	4,063.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,656.78	11	3,793.19	11	3,929.61	11	4,066.02	11		11		11		11		11		11	
1/4	3,659.62	1/4	3,796.03	1/4	3,932.45	1/4	4,068.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,662.46	1/2	3,798.88	1/2	3,935.29	1/2	4,071.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,665.30	3/4	3,801.72	3/4	3,938.13	3/4	4,074.55	3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 2/14/12

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 16'-2 1/4" (RIM OF 8" DIAMETER HATCH LOCATED NEAR CENTER OF TANK)

REFERENCE GAUGE HEIGHT : 15'-11 1/4" (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