

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH HERMETIC GAUGE TAPE ONLY

HULL No. 06-2110

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.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	5,444.29	0	5,063.87	0	4,683.44	0	4,303.01	0	3,922.58	0	3,542.15	0	3,161.72	0	2,781.29	0	2,400.86	0	2,020.44	0	1,640.01	0	1,259.58	0	879.15	0	498.72	0	118.29
1/4	1/4	1/4	5,436.37	1/4	5,055.94	1/4	4,675.51	1/4	4,295.08	1/4	3,914.65	1/4	3,534.22	1/4	3,153.80	1/4	2,773.37	1/4	2,392.94	1/4	2,012.51	1/4	1,632.08	1/4	1,251.65	1/4	871.22	1/4	490.79	1/4	110.37
1/2	1/2	1/2	5,428.44	1/2	5,048.01	1/2	4,667.59	1/2	4,287.16	1/2	3,906.73	1/2	3,526.30	1/2	3,145.87	1/2	2,765.44	1/2	2,385.01	1/2	2,004.58	1/2	1,624.16	1/2	1,243.73	1/2	863.30	1/2	482.87	1/2	102.44
3/4	3/4	3/4	5,420.52	3/4	5,040.09	3/4	4,659.66	3/4	4,279.23	3/4	3,898.80	3/4	3,518.37	3/4	3,137.94	3/4	2,757.52	3/4	2,377.09	3/4	1,996.66	3/4	1,616.23	3/4	1,235.80	3/4	855.37	3/4	474.94	3/4	94.51
1		1	5,412.59	1	5,032.16	1	4,651.73	1	4,271.31	1	3,890.88	1	3,510.45	1	3,130.02	1	2,749.59	1	2,369.16	1	1,988.73	1	1,608.30	1	1,227.88	1	847.45	1	467.02	1	86.59
1/4	1/4	1/4	5,404.67	1/4	5,024.24	1/4	4,643.81	1/4	4,263.38	1/4	3,882.95	1/4	3,502.52	1/4	3,122.09	1/4	2,741.66	1/4	2,361.24	1/4	1,980.81	1/4	1,600.38	1/4	1,219.95	1/4	839.52	1/4	459.09	1/4	78.66
1/2	1/2	1/2	5,396.74	1/2	5,016.31	1/2	4,635.88	1/2	4,255.45	1/2	3,875.03	1/2	3,494.60	1/2	3,114.17	1/2	2,733.74	1/2	2,353.31	1/2	1,972.88	1/2	1,592.45	1/2	1,212.02	1/2	831.60	1/2	451.17	1/2	70.74
3/4	3/4	3/4	5,388.82	3/4	5,008.39	3/4	4,627.96	3/4	4,247.53	3/4	3,867.10	3/4	3,486.67	3/4	3,106.24	3/4	2,725.81	3/4	2,345.38	3/4	1,964.96	3/4	1,584.53	3/4	1,204.10	3/4	823.67	3/4	443.24	3/4	62.81
2		2	5,380.89	2	5,000.46	2	4,620.03	2	4,239.60	2	3,859.17	2	3,478.75	2	3,098.32	2	2,717.89	2	2,337.46	2	1,957.03	2	1,576.60	2	1,196.17	2	815.74	2	435.32	2	55.88
1/4	1/4	1/4	5,372.96	1/4	4,992.54	1/4	4,612.11	1/4	4,231.68	1/4	3,851.25	1/4	3,470.82	1/4	3,090.39	1/4	2,709.96	1/4	2,329.53	1/4	1,949.10	1/4	1,568.68	1/4	1,188.25	1/4	807.82	1/4	427.39	1/4	48.95
1/2	1/2	1/2	5,365.04	1/2	4,984.61	1/2	4,604.18	1/2	4,223.75	1/2	3,843.32	1/2	3,462.89	1/2	3,082.47	1/2	2,702.04	1/2	2,321.61	1/2	1,941.18	1/2	1,560.75	1/2	1,180.32	1/2	799.89	1/2	419.46	1/2	42.02
3/4	3/4	3/4	5,357.11	3/4	4,976.68	3/4	4,596.26	3/4	4,215.83	3/4	3,835.40	3/4	3,454.97	3/4	3,074.54	3/4	2,694.11	3/4	2,313.68	3/4	1,933.25	3/4	1,552.82	3/4	1,172.40	3/4	791.97	3/4	411.54	3/4	35.08
3		3	5,349.19	3	4,968.76	3	4,588.33	3	4,207.90	3	3,827.47	3	3,447.04	3	3,066.61	3	2,686.19	3	2,305.76	3	1,925.33	3	1,544.90	3	1,164.47	3	784.04	3	403.61	3	30.14
1/4	1/4	1/4	5,341.26	1/4	4,960.83	1/4	4,580.40	1/4	4,199.98	1/4	3,819.55	1/4	3,439.12	1/4	3,058.69	1/4	2,678.26	1/4	2,297.83	1/4	1,917.40	1/4	1,536.97	1/4	1,156.54	1/4	776.12	1/4	395.69	1/4	25.19
1/2	1/2	1/2	5,333.34	1/2	4,952.91	1/2	4,572.48	1/2	4,192.05	1/2	3,811.62	1/2	3,431.19	1/2	3,050.76	1/2	2,670.33	1/2	2,289.91	1/2	1,909.48	1/2	1,529.05	1/2	1,148.62	1/2	768.19	1/2	387.76	1/2	20.25
3/4	3/4	3/4	5,325.41	3/4	4,944.98	3/4	4,564.55	3/4	4,184.12	3/4	3,803.70	3/4	3,423.27	3/4	3,042.84	3/4	2,662.41	3/4	2,281.98	3/4	1,901.55	3/4	1,521.12	3/4	1,140.69	3/4	760.26	3/4	379.84	3/4	15.30
4	5,580.43	4	5,317.48	4	4,937.06	4	4,556.63	4	4,176.20	4	3,795.77	4	3,415.34	4	3,034.91	4	2,654.48	4	2,274.05	4	1,893.63	4	1,513.20	4	1,132.77	4	752.34	4	371.91	4	
1/4	5,579.87	1/4	5,309.56	1/4	4,929.13	1/4	4,548.70	1/4	4,168.27	1/4	3,787.84	1/4	3,407.42	1/4	3,026.99	1/4	2,646.56	1/4	2,266.13	1/4	1,885.70	1/4	1,505.27	1/4	1,124.84	1/4	744.41	1/4	363.98	1/4	
1/2	5,579.31	1/2	5,301.63	1/2	4,921.20	1/2	4,540.78	1/2	4,160.35	1/2	3,779.92	1/2	3,399.49	1/2	3,019.06	1/2	2,638.63	1/2	2,258.20	1/2	1,877.77	1/2	1,497.35	1/2	1,116.92	1/2	736.49	1/2	356.06	1/2	
3/4	5,578.76	3/4	5,293.71	3/4	4,913.28	3/4	4,532.85	3/4	4,152.42	3/4	3,771.99	3/4	3,391.56	3/4	3,011.14	3/4	2,630.71	3/4	2,250.28	3/4	1,869.85	3/4	1,489.42	3/4	1,108.99	3/4	728.56	3/4	348.13	3/4	
5	5,577.64	5	5,285.78	5	4,905.35	5	4,524.92	5	4,144.50	5	3,764.07	5	3,383.64	5	3,003.21	5	2,622.78	5	2,242.35	5	1,861.92	5	1,481.49	5	1,101.07	5	720.64	5	340.21	5	
1/4	5,576.53	1/4	5,277.86	1/4	4,897.43	1/4	4,517.00	1/4	4,136.57	1/4	3,756.14	1/4	3,375.71	1/4	2,995.28	1/4	2,614.86	1/4	2,234.43	1/4	1,854.00	1/4	1,473.57	1/4	1,093.14	1/4	712.71	1/4	332.28	1/4	
1/2	5,575.42	1/2	5,269.93	1/2	4,889.50	1/2	4,509.07	1/2	4,128.64	1/2	3,748.22	1/2	3,367.79	1/2	2,987.36	1/2	2,606.93	1/2	2,226.50	1/2	1,846.07	1/2	1,465.64	1/2	1,085.21	1/2	704.79	1/2	324.36	1/2	
3/4	5,574.31	3/4	5,262.01	3/4	4,881.58	3/4	4,501.15	3/4	4,120.72	3/4	3,740.29	3/4	3,359.86	3/4	2,979.43	3/4	2,599.00	3/4	2,218.58	3/4	1,838.15	3/4	1,457.72	3/4	1,077.29	3/4	696.86	3/4	316.43	3/4	
6	5,572.06	6	5,254.08	6	4,873.65	6	4,493.22	6	4,112.79	6	3,732.36	6	3,351.94	6	2,971.51	6	2,591.08	6	2,210.65	6	1,830.22	6	1,449.79	6	1,069.36	6	688.93	6	308.51	6	
1/4	5,569.81	1/4	5,246.15	1/4	4,865.73	1/4	4,485.30	1/4	4,104.87	1/4	3,724.44	1/4	3,344.01	1/4	2,963.58	1/4	2,583.15	1/4	2,202.72	1/4	1,822.30	1/4	1,441.87	1/4	1,061.44	1/4	681.01	1/4	300.58	1/4	
1/2	5,567.56	1/2	5,238.23	1/2	4,857.80	1/2	4,477.37	1/2	4,096.94	1/2	3,716.51	1/2	3,336.08	1/2	2,955.66	1/2	2,575.23	1/2	2,194.80	1/2	1,814.37	1/2	1,433.94	1/2	1,053.51	1/2	673.08	1/2	292.65	1/2	
3/4	5,565.31	3/4	5,230.30	3/4	4,849.87	3/4	4,469.45	3/4	4,089.02	3/4	3,708.59	3/4	3,328.16	3/4	2,947.73	3/4	2,567.30	3/4	2,186.87	3/4	1,806.44	3/4	1,426.02	3/4	1,045.59	3/4	665.16	3/4	284.73	3/4	
7	5,561.93	7	5,222.38	7	4,841.95	7	4,461.52	7	4,081.09	7	3,700.66	7	3,320.23	7	2,939.80	7	2,559.38	7	2,178.95	7	1,798.52	7	1,418.09	7	1,037.66	7	657.23	7	276.80	7	
1/4	5,558.55	1/4	5,214.45	1/4	4,834.02	1/4	4,453.59	1/4	4,073.17	1/4	3,692.74	1/4	3,312.31	1/4	2,931.88	1/4	2,551.45	1/4	2,171.02	1/4	1,790.59	1/4	1,410.16	1/4	1,029.74	1/4	649.31	1/4	268.88	1/4	
1/2	5,555.16	1/2	5,206.53	1/2	4,826.10	1/2	4,445.67	1/2	4,065.24	1/2	3,684.81	1/2	3,304.38</																		

BARGE "HSM - 3221" HARDIN STREET MARINE

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH HERMETIC GAUGE TAPE ONLY

HULL No. 06-2110

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.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	5,444.29	0	5,063.87	0	4,683.44	0	4,303.01	0	3,922.58	0	3,542.15	0	3,161.72	0	2,781.29	0	2,400.86	0	2,020.44	0	1,640.01	0	1,259.58	0	879.15	0	498.72	0	118.29
1/4		1/4	5,436.37	1/4	5,055.94	1/4	4,675.51	1/4	4,295.08	1/4	3,914.65	1/4	3,534.22	1/4	3,153.80	1/4	2,773.37	1/4	2,392.94	1/4	2,012.51	1/4	1,632.08	1/4	1,251.65	1/4	871.22	1/4	490.79	1/4	110.37
1/2		1/2	5,428.44	1/2	5,048.01	1/2	4,667.59	1/2	4,287.16	1/2	3,906.73	1/2	3,526.30	1/2	3,145.87	1/2	2,765.44	1/2	2,385.01	1/2	2,004.58	1/2	1,624.16	1/2	1,243.73	1/2	863.30	1/2	482.87	1/2	102.44
3/4		3/4	5,420.52	3/4	5,040.09	3/4	4,659.66	3/4	4,279.23	3/4	3,898.80	3/4	3,518.37	3/4	3,137.94	3/4	2,757.52	3/4	2,377.09	3/4	1,996.66	3/4	1,616.23	3/4	1,235.80	3/4	855.37	3/4	474.94	3/4	94.51
1		1	5,412.59	1	5,032.16	1	4,651.73	1	4,271.31	1	3,890.88	1	3,510.45	1	3,130.02	1	2,749.59	1	2,369.16	1	1,988.73	1	1,608.30	1	1,227.88	1	847.45	1	467.02	1	86.59
1/4		1/4	5,404.67	1/4	5,024.24	1/4	4,643.81	1/4	4,263.38	1/4	3,882.95	1/4	3,502.52	1/4	3,122.09	1/4	2,741.66	1/4	2,361.24	1/4	1,980.81	1/4	1,600.38	1/4	1,219.95	1/4	839.52	1/4	459.09	1/4	78.66
1/2		1/2	5,396.74	1/2	5,016.31	1/2	4,635.88	1/2	4,255.45	1/2	3,875.03	1/2	3,494.60	1/2	3,114.17	1/2	2,733.74	1/2	2,353.31	1/2	1,972.88	1/2	1,592.45	1/2	1,212.02	1/2	831.60	1/2	451.17	1/2	70.74
3/4		3/4	5,388.82	3/4	5,008.39	3/4	4,627.96	3/4	4,247.53	3/4	3,867.10	3/4	3,486.67	3/4	3,106.24	3/4	2,725.81	3/4	2,345.38	3/4	1,964.96	3/4	1,584.53	3/4	1,204.10	3/4	823.67	3/4	443.24	3/4	62.81
2		2	5,380.89	2	5,000.46	2	4,620.03	2	4,239.60	2	3,859.17	2	3,478.75	2	3,098.32	2	2,717.89	2	2,337.46	2	1,957.03	2	1,576.60	2	1,196.17	2	815.74	2	435.32	2	55.88
1/4		1/4	5,372.96	1/4	4,992.54	1/4	4,612.11	1/4	4,231.68	1/4	3,851.25	1/4	3,470.82	1/4	3,090.39	1/4	2,709.96	1/4	2,329.53	1/4	1,949.10	1/4	1,568.68	1/4	1,188.25	1/4	807.82	1/4	427.39	1/4	48.95
1/2		1/2	5,365.04	1/2	4,984.61	1/2	4,604.18	1/2	4,223.75	1/2	3,843.32	1/2	3,462.89	1/2	3,082.47	1/2	2,702.04	1/2	2,321.61	1/2	1,941.18	1/2	1,560.75	1/2	1,180.32	1/2	799.89	1/2	419.46	1/2	42.02
3/4		3/4	5,357.11	3/4	4,976.68	3/4	4,596.26	3/4	4,215.83	3/4	3,835.40	3/4	3,454.97	3/4	3,074.54	3/4	2,694.11	3/4	2,313.68	3/4	1,933.25	3/4	1,552.82	3/4	1,172.40	3/4	791.97	3/4	411.54	3/4	35.08
3		3	5,349.19	3	4,968.76	3	4,588.33	3	4,207.90	3	3,827.47	3	3,447.04	3	3,066.61	3	2,686.19	3	2,305.76	3	1,925.33	3	1,544.90	3	1,164.47	3	784.04	3	403.61	3	30.14
1/4		1/4	5,341.26	1/4	4,960.83	1/4	4,580.40	1/4	4,199.98	1/4	3,819.55	1/4	3,439.12	1/4	3,058.69	1/4	2,678.26	1/4	2,297.83	1/4	1,917.40	1/4	1,536.97	1/4	1,156.54	1/4	776.12	1/4	395.69	1/4	25.19
1/2		1/2	5,333.34	1/2	4,952.91	1/2	4,572.48	1/2	4,192.05	1/2	3,811.62	1/2	3,431.19	1/2	3,050.76	1/2	2,670.33	1/2	2,289.91	1/2	1,909.48	1/2	1,529.05	1/2	1,148.62	1/2	768.19	1/2	387.76	1/2	20.25
3/4		3/4	5,325.41	3/4	4,944.98	3/4	4,564.55	3/4	4,184.12	3/4	3,803.70	3/4	3,423.27	3/4	3,042.84	3/4	2,662.41	3/4	2,281.98	3/4	1,901.55	3/4	1,521.12	3/4	1,140.69	3/4	760.26	3/4	379.84	3/4	15.30
4	5,580.43	4	5,317.48	4	4,937.06	4	4,556.63	4	4,176.20	4	3,795.77	4	3,415.34	4	3,034.91	4	2,654.48	4	2,274.05	4	1,893.63	4	1,513.20	4	1,132.77	4	752.34	4	371.91	4	
1/4	5,579.87	1/4	5,309.56	1/4	4,929.13	1/4	4,548.70	1/4	4,168.27	1/4	3,787.84	1/4	3,407.42	1/4	3,026.99	1/4	2,646.56	1/4	2,266.13	1/4	1,885.70	1/4	1,505.27	1/4	1,124.84	1/4	744.41	1/4	363.98	1/4	
1/2	5,579.31	1/2	5,301.63	1/2	4,921.20	1/2	4,540.78	1/2	4,160.35	1/2	3,779.92	1/2	3,399.49	1/2	3,019.06	1/2	2,638.63	1/2	2,258.20	1/2	1,877.77	1/2	1,497.35	1/2	1,116.92	1/2	736.49	1/2	356.06	1/2	
3/4	5,578.76	3/4	5,293.71	3/4	4,913.28	3/4	4,532.85	3/4	4,152.42	3/4	3,771.99	3/4	3,391.56	3/4	3,011.14	3/4	2,630.71	3/4	2,250.28	3/4	1,869.85	3/4	1,489.42	3/4	1,108.99	3/4	728.56	3/4	348.13	3/4	
5	5,577.64	5	5,285.78	5	4,905.35	5	4,524.92	5	4,144.50	5	3,764.07	5	3,383.64	5	3,003.21	5	2,622.78	5	2,242.35	5	1,861.92	5	1,481.49	5	1,101.07	5	720.64	5	340.21	5	
1/4	5,576.53	1/4	5,277.86	1/4	4,897.43	1/4	4,517.00	1/4	4,136.57	1/4	3,756.14	1/4	3,375.71	1/4	2,995.28	1/4	2,614.86	1/4	2,234.43	1/4	1,854.00	1/4	1,473.57	1/4	1,093.14	1/4	712.71	1/4	332.28	1/4	
1/2	5,575.42	1/2	5,269.93	1/2	4,889.50	1/2	4,509.07	1/2	4,128.64	1/2	3,748.22	1/2	3,367.79	1/2	2,987.36	1/2	2,606.93	1/2	2,226.50	1/2	1,846.07	1/2	1,465.64	1/2	1,085.21	1/2	704.79	1/2	324.36	1/2	
3/4	5,574.31	3/4	5,262.01	3/4	4,881.58	3/4	4,501.15	3/4	4,120.72	3/4	3,740.29	3/4	3,359.86	3/4	2,979.43	3/4	2,599.00	3/4	2,218.58	3/4	1,838.15	3/4	1,457.72	3/4	1,077.29	3/4	696.86	3/4	316.43	3/4	
6	5,572.06	6	5,254.08	6	4,873.65	6	4,493.22	6	4,112.79	6	3,732.36	6	3,351.94	6	2,971.51	6	2,591.08	6	2,210.65	6	1,830.22	6	1,449.79	6	1,069.36	6	688.93	6	308.51	6	
1/4	5,569.81	1/4	5,246.15	1/4	4,865.73	1/4	4,485.30	1/4	4,104.87	1/4	3,724.44	1/4	3,344.01	1/4	2,963.58	1/4	2,583.15	1/4	2,202.72	1/4	1,822.30	1/4	1,441.87	1/4	1,061.44	1/4	681.01	1/4	300.58	1/4	
1/2	5,567.56	1/2	5,238.23	1/2	4,857.80	1/2	4,477.37	1/2	4,096.94	1/2	3,716.51	1/2	3,336.08	1/2	2,955.66	1/2	2,575.23	1/2	2,194.80	1/2	1,814.37	1/2	1,433.94	1/2	1,053.51	1/2	673.08	1/2	292.65	1/2	
3/4	5,565.31	3/4	5,230.30	3/4	4,849.87	3/4	4,469.45	3/4	4,089.02	3/4	3,708.59	3/4	3,328.16	3/4	2,947.73	3/4	2,567.30	3/4	2,186.87	3/4	1,806.44	3/4	1,426.02	3/4	1,045.59	3/4	665.16	3/4	284.73	3/4	
7	5,561.93	7	5,222.38	7	4,841.95	7	4,461.52	7	4,081.09	7	3,700.66	7	3,320.23	7	2,939.80	7	2,559.38	7	2,178.95	7	1,798.52	7	1,418.09	7	1,037.66	7	657.23	7	276.80	7	
1/4	5,558.55	1/4	5,214.45	1/4	4,834.02	1/4	4,453.59	1/4	4,073.17	1/4	3,692.74	1/4	3,312.31	1/4	2,931.88	1/4	2,551.45	1/4	2,171.02	1/4	1,790.59	1/4	1,410.16	1/4	1,029.74	1/4	649.31	1/4	268.88	1/4	
1/2	5,555.16	1/2	5,206.53	1/2	4,826.10	1/2	4,445.67	1/2	4,065.24	1/2	3,684.81	1/2	3,304.38	1/2	2,923.95	1/2	2,543.52	1/2	2,163.10	1/2	1,782.67	1/2	1,402.24	1/2	1,021.81	1/2	641.38	1/2	260.95	1/2	
3/4	5,551.78	3/4	5,198.60	3/4	4,818.17	3/4	4,437.74	3/4	4,057.31	3/4	3,676.89	3/4	3,296.46	3/4	2,916.03	3/4	2,535.60	3/4	2,155.17	3/4	1,774.74	3/4	1,394.31	3/4	1,013.88	3/4	633.46	3/4	253.03	3/4	
8	5,547.26	8	5,190.68	8	4,810.25	8	4,429.82	8	4,049.39	8	3,668.96	8	3,288.53	8	2,908.10	8	2,527.67	8	2,147.24	8	1,766.82	8	1,386.39	8	1,005.96	8	625.53	8	245.10	8	
1/4	5,542.74	1/4	5,182.75	1/4	4,802.32	1/4	4,421.89	1/4	4,041.46	1/4	3,661.03	1/4	3,280.61	1/4	2,900.18	1/4	2,519.75	1/4	2,139.32	1/4	1,758.89	1/4	1,378.46	1/4	998.03	1/4	617.60	1/4	237.18	1/4	
1/2	5,538.22	1/2	5,174.82	1/2	4,794.40	1/2	4,413.97	1/2	4,033.54	1/2	3,653.11	1/2	3,272.68	1/2	2,892.25	1/2	2,511.82	1/2	2,131.39	1/2	1,750.96	1/2	1,370.54	1/2	990.11	1/2	609.68	1			

BARGE "HSM - 3221" HARDIN STREET MARINE

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH HERMETIC GAUGE TAPE ONLY

HULL No. 06-2110

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.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	5,475.92	0	5,093.61	0	4,711.30	0	4,328.99	0	3,946.68	0	3,564.37	0	3182.06	0	2799.75	0	2417.44	0	2,035.13	0	1,652.81	0	1,270.50	0	888.19	0	505.88	0	123.57
1/4		1/4	5,467.95	1/4	5,085.64	1/4	4,703.33	1/4	4,321.02	1/4	3,938.71	1/4	3,556.40	1/4	3174.09	1/4	2791.78	1/4	2409.47	1/4	2,027.16	1/4	1,644.85	1/4	1,262.54	1/4	880.23	1/4	497.92	1/4	115.61
1/2		1/2	5,459.99	1/2	5,077.68	1/2	4,695.37	1/2	4,313.06	1/2	3,930.72	1/2	3,548.44	1/2	3166.13	1/2	2783.82	1/2	2401.51	1/2	2,019.20	1/2	1,636.89	1/2	1,254.57	1/2	872.26	1/2	489.95	1/2	107.64
3/4		3/4	5,452.02	3/4	5,069.71	3/4	4,687.40	3/4	4,305.09	3/4	3,922.78	3/4	3,540.47	3/4	3158.16	3/4	2775.85	3/4	2393.54	3/4	2,011.23	3/4	1,628.92	3/4	1,246.61	3/4	864.30	3/4	481.99	3/4	99.68
1		1	5,444.06	1	5,061.75	1	4,679.44	1	4,297.13	1	3,914.82	1	3,532.51	1	3150.20	1	2767.89	1	2385.58	1	2,003.27	1	1,620.96	1	1,238.65	1	856.33	1	474.02	1	91.71
1/4		1/4	5,436.09	1/4	5,053.78	1/4	4,671.47	1/4	4,289.16	1/4	3,906.85	1/4	3,524.54	1/4	3142.23	1/4	2759.92	1/4	2377.61	1/4	1,995.30	1/4	1,612.99	1/4	1,230.68	1/4	848.37	1/4	466.06	1/4	83.75
1/2		1/2	5,428.13	1/2	5,045.82	1/2	4,663.51	1/2	4,281.20	1/2	3,898.89	1/2	3,516.58	1/2	3134.27	1/2	2751.96	1/2	2369.65	1/2	1,987.34	1/2	1,605.03	1/2	1,222.72	1/2	840.41	1/2	458.09	1/2	75.78
3/4		3/4	5,420.17	3/4	5,037.85	3/4	4,655.54	3/4	4,273.23	3/4	3,890.92	3/4	3,508.61	3/4	3126.30	3/4	2743.99	3/4	2361.68	3/4	1,979.37	3/4	1,597.06	3/4	1,214.75	3/4	832.44	3/4	450.13	3/4	67.82
2		2	5,412.20	2	5,029.89	2	4,647.58	2	4,265.27	2	3,882.96	2	3,500.65	2	3118.34	2	2736.03	2	2353.72	2	1,971.41	2	1,589.10	2	1,206.79	2	824.48	2	442.17	2	60.85
1/4		1/4	5,404.24	1/4	5,021.93	1/4	4,639.61	1/4	4,257.30	1/4	3,874.99	1/4	3,492.68	1/4	3110.37	1/4	2728.06	1/4	2345.75	1/4	1,963.44	1/4	1,581.13	1/4	1,198.82	1/4	816.51	1/4	434.20	1/4	53.89
1/2		1/2	5,396.27	1/2	5,013.96	1/2	4,631.65	1/2	4,249.34	1/2	3,867.03	1/2	3,484.72	1/2	3102.41	1/2	2720.10	1/2	2337.79	1/2	1,955.48	1/2	1,573.17	1/2	1,190.86	1/2	808.55	1/2	426.24	1/2	46.92
3/4		3/4	5,388.31	3/4	5,006.00	3/4	4,623.69	3/4	4,241.37	3/4	3,859.06	3/4	3,476.75	3/4	3094.44	3/4	2712.13	3/4	2329.82	3/4	1,947.51	3/4	1,565.20	3/4	1,182.89	3/4	800.58	3/4	418.27	3/4	39.95
3		3	5,380.34	3	4,998.03	3	4,615.72	3	4,233.41	3	3,851.10	3	3,468.79	3	3086.48	3	2704.17	3	2321.86	3	1,939.55	3	1,557.24	3	1,174.93	3	792.62	3	410.31	3	34.98
1/4		1/4	5,372.38	1/4	4,990.07	1/4	4,607.76	1/4	4,225.45	1/4	3,843.13	1/4	3,460.82	1/4	3078.51	1/4	2696.20	1/4	2313.89	1/4	1,931.58	1/4	1,549.27	1/4	1,166.96	1/4	784.65	1/4	402.34	1/4	30.02
1/2		1/2	5,364.41	1/2	4,982.10	1/2	4,599.79	1/2	4,217.48	1/2	3,835.17	1/2	3,452.86	1/2	3070.55	1/2	2688.24	1/2	2305.93	1/2	1,923.62	1/2	1,541.31	1/2	1,159.00	1/2	776.69	1/2	394.38	1/2	25.05
3/4		3/4	5,356.45	3/4	4,974.14	3/4	4,591.83	3/4	4,209.52	3/4	3,827.21	3/4	3,444.89	3/4	3062.58	3/4	2680.27	3/4	2297.96	3/4	1,915.65	3/4	1,533.34	3/4	1,151.03	3/4	768.72	3/4	386.41	3/4	20.08
4	5,612.72	4	5,348.48	4	4,966.17	4	4,583.86	4	4,201.55	4	3,819.24	4	3,436.93	4	3054.62	4	2672.31	4	2290.00	4	1,907.69	4	1,525.38	4	1,143.07	4	760.76	4	378.45	4	
1/4	5,612.16	1/4	5,340.52	1/4	4,958.21	1/4	4,575.90	1/4	4,193.59	1/4	3,811.28	1/4	3,428.97	1/4	3046.65	1/4	2664.34	1/4	2282.03	1/4	1,899.72	1/4	1,517.41	1/4	1,135.10	1/4	752.79	1/4	370.48	1/4	
1/2	5,611.60	1/2	5,332.55	1/2	4,950.24	1/2	4,567.93	1/2	4,185.62	1/2	3,803.31	1/2	3,421.00	1/2	3038.69	1/2	2656.38	1/2	2274.07	1/2	1,891.76	1/2	1,509.45	1/2	1,127.14	1/2	744.83	1/2	362.52	1/2	
3/4	5,611.05	3/4	5,324.59	3/4	4,942.28	3/4	4,559.97	3/4	4,177.66	3/4	3,795.35	3/4	3,413.04	3/4	3030.73	3/4	2648.41	3/4	2266.10	3/4	1,883.79	3/4	1,501.48	3/4	1,119.17	3/4	736.86	3/4	354.55	3/4	
5	5,609.93	5	5,316.62	5	4,934.31	5	4,552.00	5	4,169.69	5	3,787.38	5	3,405.07	5	3022.76	5	2640.45	5	2258.14	5	1,875.83	5	1,493.52	5	1,111.21	5	728.90	5	346.59	5	
1/4	5,608.81	1/4	5,308.66	1/4	4,926.35	1/4	4,544.04	1/4	4,161.73	1/4	3,779.42	1/4	3,397.11	1/4	3014.80	1/4	2632.49	1/4	2250.17	1/4	1,867.86	1/4	1,485.55	1/4	1,103.24	1/4	720.93	1/4	338.62	1/4	
1/2	5,607.69	1/2	5,300.69	1/2	4,918.38	1/2	4,536.07	1/2	4,153.76	1/2	3,771.45	1/2	3,389.14	1/2	3006.83	1/2	2624.52	1/2	2242.21	1/2	1,859.90	1/2	1,477.59	1/2	1,095.28	1/2	712.97	1/2	330.66	1/2	
3/4	5,606.57	3/4	5,292.73	3/4	4,910.42	3/4	4,528.11	3/4	4,145.80	3/4	3,763.49	3/4	3,381.18	3/4	2998.87	3/4	2616.56	3/4	2234.25	3/4	1,851.93	3/4	1,469.62	3/4	1,087.31	3/4	705.00	3/4	322.69	3/4	
6	5,604.31	6	5,284.76	6	4,902.45	6	4,520.14	6	4,137.83	6	3,755.52	6	3,373.21	6	2990.90	6	2608.59	6	2226.28	6	1,843.97	6	1,461.66	6	1,079.35	6	697.04	6	314.73	6	
1/4	5,602.05	1/4	5,276.80	1/4	4,894.49	1/4	4,512.18	1/4	4,129.87	1/4	3,747.56	1/4	3,365.25	1/4	2982.94	1/4	2600.63	1/4	2218.32	1/4	1,836.01	1/4	1,453.69	1/4	1,071.38	1/4	689.07	1/4	306.76	1/4	
1/2	5,599.79	1/2	5,268.83	1/2	4,886.52	1/2	4,504.21	1/2	4,121.90	1/2	3,739.59	1/2	3,357.28	1/2	2974.97	1/2	2592.66	1/2	2210.35	1/2	1,828.04	1/2	1,445.73	1/2	1,063.42	1/2	681.11	1/2	298.80	1/2	
3/4	5,597.54	3/4	5,260.87	3/4	4,878.56	3/4	4,496.25	3/4	4,113.94	3/4	3,731.63	3/4	3,349.32	3/4	2967.01	3/4	2584.70	3/4	2202.39	3/4	1,820.08	3/4	1,437.77	3/4	1,055.45	3/4	673.14	3/4	290.83	3/4	
7	5,594.14	7	5,252.90	7	4,870.59	7	4,488.28	7	4,105.97	7	3,723.66	7	3,341.35	7	2959.04	7	2576.73	7	2194.42	7	1,812.11	7	1,429.80	7	1,047.49	7	665.18	7	282.87	7	
1/4	5,590.73	1/4	5,244.94	1/4	4,862.63	1/4	4,480.32	1/4	4,098.01	1/4	3,715.70	1/4	3,333.39	1/4	2951.08	1/4	2568.77	1/4	2186.46	1/4	1,804.15	1/4	1,421.84	1/4	1,039.53	1/4	657.21	1/4	274.90	1/4	
1/2	5,587.33	1/2	5,236.97	1/2	4,854.66	1/2	4,472.35	1/2	4,090.04	1/2	3,707.73	1/2	3,325.42	1/2	2943.11	1/2	2560.80	1/2	2178.49	1/2	1,796.18	1/2	1,413.87	1/2	1,031.56	1/2	649.25	1/2	266.94	1/2	
3/4	5,583.93	3/4	5,229.01	3/4	4,846.70	3/4	4,464.39	3/4	4,082.08	3/4	3,699.77	3/4	3,317.46	3/4	2935.15	3/4	2552.84	3/4	2170.53	3/4	1,788.22	3/4	1,405.91	3/4	1,023.60	3/4	641.29	3/4	258.97	3/4	
8	5,579.39	8	5,221.05	8	4,838.73	8	4,456.42	8	4,074.11	8	3,691.80	8	3,309.49	8	2927.18	8	2544.87	8	2162.56	8	1,780.25	8	1,397.94	8	1,015.63	8	633.32	8	251.01	8	
1/4	5,574.85	1/4	5,213.08	1/4	4,830.77	1/4	4,448.46	1/4	4,066.15	1/4	3,683.84	1/4	3,301.53	1/4	2919.22	1/4	2536.91	1/4	2154.60	1/4	1,772.29	1/4	1,389.98	1/4	1,007.67	1/4	625.36	1/4	243.05	1/4	
1/2	5,570.31	1/2	5,205.12	1/2	4,822.81	1/2	4,440.49	1/2	4,058.18	1/2	3,675.87	1/2	3,293.56	1/2	2911.25	1/2	2528.94	1/2	2146.63	1/2	1,764.32	1/2	1,382.01	1/2	999.70						

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH HERMETIC GAUGE TAPE ONLY

HULL No. 06-2110

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.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	5,475.92	0	5,093.61	0	4,711.30	0	4,328.99	0	3,946.68	0	3,564.37	0	3182.06	0	2799.75	0	2417.44	0	2,035.13	0	1,652.81	0	1,270.50	0	888.19	0	505.88	0	123.57
1/4	1/4	1/4	5,467.95	1/4	5,085.64	1/4	4,703.33	1/4	4,321.02	1/4	3,938.71	1/4	3,556.40	1/4	3174.09	1/4	2791.78	1/4	2409.47	1/4	2,027.16	1/4	1,644.85	1/4	1,262.54	1/4	880.23	1/4	497.92	1/4	115.61
1/2	1/2	1/2	5,459.99	1/2	5,077.68	1/2	4,695.37	1/2	4,313.06	1/2	3,927.81	1/2	3,544.44	1/2	3166.13	1/2	2783.82	1/2	2401.51	1/2	2,019.20	1/2	1,636.89	1/2	1,254.57	1/2	872.26	1/2	489.95	1/2	107.64
3/4	3/4	3/4	5,452.02	3/4	5,069.71	3/4	4,687.40	3/4	4,305.09	3/4	3,922.78	3/4	3,540.47	3/4	3158.16	3/4	2775.85	3/4	2393.54	3/4	2,011.23	3/4	1,628.92	3/4	1,246.61	3/4	864.30	3/4	481.99	3/4	99.68
1		1	5,444.06	1	5,061.75	1	4,679.44	1	4,297.13	1	3,914.82	1	3,532.51	1	3150.20	1	2767.89	1	2385.58	1	2,003.27	1	1,620.96	1	1,238.65	1	856.33	1	474.02	1	91.71
1/4	1/4	1/4	5,436.09	1/4	5,053.78	1/4	4,671.47	1/4	4,289.16	1/4	3,906.85	1/4	3,524.54	1/4	3142.23	1/4	2759.92	1/4	2377.61	1/4	1,995.30	1/4	1,612.99	1/4	1,230.68	1/4	848.37	1/4	466.06	1/4	83.75
1/2	1/2	1/2	5,428.13	1/2	5,045.82	1/2	4,663.51	1/2	4,281.20	1/2	3,898.89	1/2	3,516.58	1/2	3134.27	1/2	2751.96	1/2	2369.65	1/2	1,987.34	1/2	1,605.03	1/2	1,222.72	1/2	840.41	1/2	458.09	1/2	75.78
3/4	3/4	3/4	5,420.17	3/4	5,037.85	3/4	4,655.54	3/4	4,273.23	3/4	3,890.92	3/4	3,508.61	3/4	3126.30	3/4	2743.99	3/4	2361.68	3/4	1,979.37	3/4	1,597.06	3/4	1,214.75	3/4	832.44	3/4	450.13	3/4	67.82
2		2	5,412.20	2	5,029.89	2	4,647.58	2	4,265.27	2	3,882.96	2	3,500.65	2	3118.34	2	2736.03	2	2353.72	2	1,971.41	2	1,589.10	2	1,206.79	2	824.48	2	442.17	2	60.85
1/4	1/4	1/4	5,404.24	1/4	5,021.93	1/4	4,639.61	1/4	4,257.30	1/4	3,874.99	1/4	3,492.68	1/4	3110.37	1/4	2728.06	1/4	2345.75	1/4	1,963.44	1/4	1,581.13	1/4	1,198.82	1/4	816.51	1/4	434.20	1/4	53.89
1/2	1/2	1/2	5,396.27	1/2	5,013.96	1/2	4,631.65	1/2	4,249.34	1/2	3,867.03	1/2	3,484.72	1/2	3102.41	1/2	2720.10	1/2	2337.79	1/2	1,955.48	1/2	1,573.17	1/2	1,190.86	1/2	808.55	1/2	426.24	1/2	46.92
3/4	3/4	3/4	5,388.31	3/4	5,006.00	3/4	4,623.69	3/4	4,241.37	3/4	3,859.06	3/4	3,476.75	3/4	3094.44	3/4	2712.13	3/4	2329.82	3/4	1,947.51	3/4	1,565.20	3/4	1,182.89	3/4	800.58	3/4	418.27	3/4	39.95
3		3	5,380.34	3	4,998.03	3	4,615.72	3	4,233.41	3	3,851.10	3	3,468.79	3	3086.48	3	2704.17	3	2321.86	3	1,939.55	3	1,557.24	3	1,174.93	3	792.62	3	410.31	3	34.98
1/4	1/4	1/4	5,372.38	1/4	4,990.07	1/4	4,607.76	1/4	4,225.45	1/4	3,843.13	1/4	3,460.82	1/4	3078.51	1/4	2696.20	1/4	2313.89	1/4	1,931.58	1/4	1,549.27	1/4	1,166.96	1/4	784.65	1/4	402.34	1/4	30.02
1/2	1/2	1/2	5,364.41	1/2	4,982.10	1/2	4,599.79	1/2	4,217.48	1/2	3,835.17	1/2	3,452.86	1/2	3070.55	1/2	2688.24	1/2	2305.93	1/2	1,923.62	1/2	1,541.31	1/2	1,159.00	1/2	776.69	1/2	394.38	1/2	25.05
3/4	3/4	3/4	5,356.45	3/4	4,974.14	3/4	4,591.83	3/4	4,209.52	3/4	3,827.21	3/4	3,444.89	3/4	3062.58	3/4	2680.27	3/4	2297.96	3/4	1,915.65	3/4	1,533.34	3/4	1,151.03	3/4	768.72	3/4	386.41	3/4	20.08
4	5,612.72	4	5,348.48	4	4,966.17	4	4,583.86	4	4,201.55	4	3,819.24	4	3,436.93	4	3054.62	4	2672.31	4	2290.00	4	1,907.69	4	1,525.38	4	1,143.07	4	760.76	4	378.45	4	
1/4	5,612.16	1/4	5,340.52	1/4	4,958.21	1/4	4,575.90	1/4	4,193.59	1/4	3,811.28	1/4	3,428.97	1/4	3046.65	1/4	2664.34	1/4	2282.03	1/4	1,899.72	1/4	1,517.41	1/4	1,135.10	1/4	752.79	1/4	370.48	1/4	
1/2	5,611.60	1/2	5,332.55	1/2	4,950.24	1/2	4,567.93	1/2	4,185.62	1/2	3,803.31	1/2	3,421.00	1/2	3038.69	1/2	2656.38	1/2	2274.07	1/2	1,891.76	1/2	1,509.45	1/2	1,127.14	1/2	744.83	1/2	362.52	1/2	
3/4	5,611.05	3/4	5,324.59	3/4	4,942.28	3/4	4,559.97	3/4	4,177.66	3/4	3,795.35	3/4	3,413.04	3/4	3030.73	3/4	2648.41	3/4	2266.10	3/4	1,883.79	3/4	1,501.48	3/4	1,119.17	3/4	736.86	3/4	354.55	3/4	
5	5,609.93	5	5,316.62	5	4,934.31	5	4,552.00	5	4,169.69	5	3,787.38	5	3,405.07	5	3022.76	5	2640.45	5	2258.14	5	1,875.83	5	1,493.52	5	1,111.21	5	728.90	5	346.59	5	
1/4	5,608.81	1/4	5,308.66	1/4	4,926.35	1/4	4,544.04	1/4	4,161.73	1/4	3,779.42	1/4	3,397.11	1/4	3014.80	1/4	2632.49	1/4	2250.17	1/4	1,867.86	1/4	1,485.55	1/4	1,103.24	1/4	720.93	1/4	338.62	1/4	
1/2	5,607.69	1/2	5,300.69	1/2	4,918.38	1/2	4,536.07	1/2	4,153.76	1/2	3,771.45	1/2	3,389.14	1/2	3006.83	1/2	2624.52	1/2	2242.21	1/2	1,859.90	1/2	1,477.59	1/2	1,095.28	1/2	712.97	1/2	330.66	1/2	
3/4	5,606.57	3/4	5,292.73	3/4	4,910.42	3/4	4,528.11	3/4	4,145.80	3/4	3,763.49	3/4	3,381.18	3/4	2998.87	3/4	2616.56	3/4	2234.25	3/4	1,851.93	3/4	1,469.62	3/4	1,087.31	3/4	705.00	3/4	322.69	3/4	
6	5,604.31	6	5,284.76	6	4,902.45	6	4,520.14	6	4,137.83	6	3,755.52	6	3,373.21	6	2990.90	6	2608.59	6	2226.28	6	1,843.97	6	1,461.66	6	1,079.35	6	697.04	6	314.73	6	
1/4	5,602.95	1/4	5,276.80	1/4	4,894.49	1/4	4,512.18	1/4	4,129.87	1/4	3,747.56	1/4	3,365.25	1/4	2982.94	1/4	2600.63	1/4	2218.32	1/4	1,836.01	1/4	1,453.69	1/4	1,071.38	1/4	689.07	1/4	306.76	1/4	
1/2	5,599.79	1/2	5,268.83	1/2	4,886.52	1/2	4,504.21	1/2	4,121.90	1/2	3,739.59	1/2	3,357.28	1/2	2974.97	1/2	2592.66	1/2	2210.35	1/2	1,828.04	1/2	1,445.73	1/2	1,063.42	1/2	681.11	1/2	298.80	1/2	
3/4	5,597.54	3/4	5,260.87	3/4	4,878.56	3/4	4,496.25	3/4	4,113.94	3/4	3,731.63	3/4	3,349.32	3/4	2967.01	3/4	2584.70	3/4	2202.39	3/4	1,820.08	3/4	1,437.77	3/4	1,055.45	3/4	673.14	3/4	290.83	3/4	
7	5,594.14	7	5,252.90	7	4,870.59	7	4,488.28	7	4,105.97	7	3,723.66	7	3,341.35	7	2959.04	7	2576.73	7	2194.42	7	1,812.11	7	1,429.80	7	1,047.49	7	665.18	7	282.87	7	
1/4	5,590.73	1/4	5,244.94	1/4	4,862.63	1/4	4,480.32	1/4	4,098.01	1/4	3,715.70	1/4	3,333.39	1/4	2951.08	1/4	2568.77	1/4	2186.46	1/4	1,804.15	1/4	1,421.84	1/4	1,039.53	1/4	657.21	1/4	274.90	1/4	
1/2	5,587.33	1/2	5,236.97	1/2	4,854.66	1/2	4,472.35	1/2	4,090.04	1/2	3,707.73	1/2	3,325.42	1/2	2943.11	1/2	2560.80	1/2	2178.49	<											

BARGE "HSM - 3221" HARDIN STREET MARINE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH HERMETIC GAUGE TAPE ONLY

HULL No. 06-2110

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.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	4,704.79	0	4,441.68	0	4,178.57	0	3,915.46	0	3,652.35	0	3,339.31	0	2980.33	0	2621.36	0	2262.39	0	1,903.42	0	1,544.44	0	1,185.47	0	826.50	0	467.52	0	108.55
1/4		1/4	4,699.31	1/4	4,436.20	1/4	4,173.09	1/4	3,909.98	1/4	3,646.87	1/4	3,331.83	1/4	2972.86	1/4	2613.88	1/4	2254.91	1/4	1,895.94	1/4	1,536.96	1/4	1,177.99	1/4	819.02	1/4	460.05	1/4	101.07
1/2		1/2	4,693.83	1/2	4,430.72	1/2	4,167.61	1/2	3,904.50	1/2	3,641.38	1/2	3,324.35	1/2	2965.38	1/2	2606.40	1/2	2247.43	1/2	1,888.46	1/2	1,529.49	1/2	1,170.51	1/2	811.54	1/2	452.57	1/2	93.59
3/4		3/4	4,688.35	3/4	4,425.24	3/4	4,162.13	3/4	3,899.01	3/4	3,635.90	3/4	3,316.87	3/4	2957.90	3/4	2598.93	3/4	2239.95	3/4	1,880.98	3/4	1,522.01	3/4	1,163.03	3/4	804.06	3/4	445.09	3/4	86.12
1		1	4,682.87	1	4,419.76	1	4,156.64	1	3,893.53	1	3,630.42	1	3,309.39	1	2950.42	1	2591.45	1	2232.47	1	1,873.50	1	1,514.53	1	1,155.56	1	796.58	1	437.61	1	78.64
1/4		1/4	4,677.39	1/4	4,414.28	1/4	4,151.16	1/4	3,888.05	1/4	3,624.94	1/4	3,301.91	1/4	2942.94	1/4	2583.97	1/4	2225.00	1/4	1,866.02	1/4	1,507.05	1/4	1,148.08	1/4	789.10	1/4	430.13	1/4	71.16
1/2		1/2	4,671.91	1/2	4,408.79	1/2	4,145.68	1/2	3,882.57	1/2	3,619.46	1/2	3,294.44	1/2	2935.46	1/2	2576.49	1/2	2217.52	1/2	1,858.54	1/2	1,499.57	1/2	1,140.60	1/2	781.63	1/2	422.65	1/2	63.68
3/4		3/4	4,666.42	3/4	4,403.31	3/4	4,140.20	3/4	3,877.09	3/4	3,613.98	3/4	3,286.96	3/4	2927.98	3/4	2569.01	3/4	2210.04	3/4	1,851.07	3/4	1,492.09	3/4	1,133.12	3/4	774.15	3/4	415.17	3/4	57.14
2		2	4,660.94	2	4,397.83	2	4,134.72	2	3,871.61	2	3,608.49	2	3,279.48	2	2920.51	2	2561.53	2	2202.56	2	1,843.59	2	1,484.61	2	1,125.64	2	766.67	2	407.70	2	50.60
1/4		1/4	4,655.46	1/4	4,392.35	1/4	4,129.24	1/4	3,866.13	1/4	3,603.01	1/4	3,272.00	1/4	2913.03	1/4	2554.05	1/4	2195.08	1/4	1,836.11	1/4	1,477.14	1/4	1,118.16	1/4	759.19	1/4	400.22	1/4	44.06
1/2		1/2	4,649.98	1/2	4,386.87	1/2	4,123.76	1/2	3,860.64	1/2	3,597.53	1/2	3,264.52	1/2	2905.55	1/2	2546.58	1/2	2187.60	1/2	1,828.63	1/2	1,469.66	1/2	1,110.68	1/2	751.71	1/2	392.74	1/2	37.52
3/4		3/4	4,644.50	3/4	4,381.39	3/4	4,118.27	3/4	3,855.16	3/4	3,592.05	3/4	3,257.04	3/4	2898.07	3/4	2539.10	3/4	2180.12	3/4	1,821.15	3/4	1,462.18	3/4	1,103.21	3/4	744.23	3/4	385.26	3/4	32.85
3		3	4,639.02	3	4,375.90	3	4,112.79	3	3,849.68	3	3,586.57	3	3,249.56	3	2890.59	3	2531.62	3	2172.65	3	1,813.67	3	1,454.70	3	1,095.73	3	736.75	3	377.78	3	28.18
1/4		1/4	4,633.54	1/4	4,370.42	1/4	4,107.31	1/4	3,844.20	1/4	3,581.09	1/4	3,242.09	1/4	2883.11	1/4	2524.14	1/4	2165.17	1/4	1,806.19	1/4	1,447.22	1/4	1,088.25	1/4	729.28	1/4	370.30	1/4	23.52
1/2		1/2	4,628.05	1/2	4,364.94	1/2	4,101.83	1/2	3,838.72	1/2	3,575.61	1/2	3,234.61	1/2	2875.63	1/2	2516.66	1/2	2157.69	1/2	1,798.72	1/2	1,439.74	1/2	1,080.77	1/2	721.80	1/2	362.82	1/2	18.85
3/4	4,834.61	3/4	4,622.57	3/4	4,359.46	3/4	4,096.35	3/4	3,833.24	3/4	3,570.12	3/4	3,227.13	3/4	2868.16	3/4	2509.18	3/4	2150.21	3/4	1,791.24	3/4	1,432.26	3/4	1,073.29	3/4	714.32	3/4	355.35	3/4	
4	4,833.57	4	4,617.09	4	4,353.98	4	4,090.87	4	3,827.75	4	3,564.64	4	3,219.65	4	2860.68	4	2501.70	4	2142.73	4	1,783.76	4	1,424.79	4	1,065.81	4	706.84	4	347.87	4	
1/4	4,832.54	1/4	4,611.61	1/4	4,348.50	1/4	4,085.39	1/4	3,822.27	1/4	3,559.16	1/4	3,212.17	1/4	2853.20	1/4	2494.23	1/4	2135.25	1/4	1,776.28	1/4	1,417.31	1/4	1,058.33	1/4	699.36	1/4	340.39	1/4	
1/2	4,831.50	1/2	4,606.13	1/2	4,343.02	1/2	4,079.90	1/2	3,816.79	1/2	3,553.68	1/2	3,204.69	1/2	2845.72	1/2	2486.75	1/2	2127.77	1/2	1,768.80	1/2	1,409.83	1/2	1,050.86	1/2	691.88	1/2	332.91	1/2	
3/4	4,829.95	3/4	4,600.65	3/4	4,337.53	3/4	4,074.42	3/4	3,811.31	3/4	3,548.20	3/4	3,197.21	3/4	2838.24	3/4	2479.27	3/4	2120.30	3/4	1,761.32	3/4	1,402.35	3/4	1,043.38	3/4	684.40	3/4	325.43	3/4	
5	4,828.40	5	4,595.16	5	4,332.05	5	4,068.94	5	3,805.83	5	3,542.72	5	3,189.74	5	2830.76	5	2471.79	5	2112.82	5	1,753.84	5	1,394.87	5	1,035.90	5	676.93	5	317.95	5	
1/4	4,826.85	1/4	4,589.68	1/4	4,326.57	1/4	4,063.46	1/4	3,800.35	1/4	3,537.24	1/4	3,182.26	1/4	2823.28	1/4	2464.31	1/4	2105.34	1/4	1,746.37	1/4	1,387.39	1/4	1,028.42	1/4	669.45	1/4	310.47	1/4	
1/2	4,825.30	1/2	4,584.20	1/2	4,321.09	1/2	4,057.98	1/2	3,794.87	1/2	3,531.75	1/2	3,174.78	1/2	2815.81	1/2	2456.83	1/2	2097.86	1/2	1,738.89	1/2	1,379.91	1/2	1,020.94	1/2	661.97	1/2	303.00	1/2	
3/4	4,822.96	3/4	4,578.72	3/4	4,315.61	3/4	4,052.50	3/4	3,789.38	3/4	3,526.27	3/4	3,167.30	3/4	2808.33	3/4	2449.35	3/4	2090.38	3/4	1,731.41	3/4	1,372.44	3/4	1,013.46	3/4	654.49	3/4	295.52	3/4	
6	4,820.63	6	4,573.24	6	4,310.13	6	4,047.01	6	3,783.90	6	3,518.79	6	3,159.82	6	2800.85	6	2441.88	6	2082.90	6	1,723.93	6	1,364.96	6	1,005.98	6	647.01	6	288.04	6	
1/4	4,818.29	1/4	4,567.76	1/4	4,304.65	1/4	4,041.53	1/4	3,778.42	1/4	3,511.32	1/4	3,152.34	1/4	2793.37	1/4	2434.40	1/4	2075.42	1/4	1,716.45	1/4	1,357.48	1/4	998.51	1/4	639.53	1/4	280.56	1/4	
1/2	4,815.95	1/2	4,562.28	1/2	4,299.16	1/2	4,036.05	1/2	3,772.94	1/2	3,503.84	1/2	3,144.86	1/2	2785.89	1/2	2426.92	1/2	2067.95	1/2	1,708.97	1/2	1,350.00	1/2	991.03	1/2	632.05	1/2	273.08	1/2	
3/4	4,812.83	3/4	4,556.79	3/4	4,293.68	3/4	4,030.57	3/4	3,767.46	3/4	3,496.36	3/4	3,137.39	3/4	2778.41	3/4	2419.44	3/4	2060.47	3/4	1,701.49	3/4	1,342.52	3/4	983.55	3/4	624.58	3/4	265.60	3/4	
7	4,809.71	7	4,551.31	7	4,288.20	7	4,025.09	7	3,761.98	7	3,488.88	7	3,129.91	7	2770.93	7	2411.96	7	2052.99	7	1,694.02	7	1,335.04	7	976.07	7	617.10	7	258.12	7	
1/4	4,806.58	1/4	4,545.83	1/4	4,282.72	1/4	4,019.61	1/4	3,756.50	1/4	3,481.40	1/4	3,122.43	1/4	2763.46	1/4	2404.48	1/4	2045.51	1/4	1,686.54	1/4	1,327.56	1/4	968.59	1/4	609.62	1/4	250.65	1/4	
1/2	4,803.46	1/2	4,540.35	1/2	4,277.24	1/2	4,014.13	1/2	3,751.01	1/2	3,473.92	1/2	3,114.95	1/2	2755.98	1/2	2397.00	1/2	2038.03	1/2	1,679.06	1/2	1,320.09	1/2	961.11	1/2	602.14	1/2	243.17	1/2	
3/4	4,797.98	3/4	4,534.87	3/4	4,271.76	3/4	4,008.64	3/4	3,745.53	3/4	3,466.44	3/4	3,107.47	3/4	2748.50	3/4	2389.53	3/4	2030.55	3/4	1,671.58	3/4	1,312.61	3/4	953.63	3/4	594.66	3/4	235.69	3/4	
8	4,792.50	8	4,529.39	8	4,266.27	8	4,003.16	8	3,740.05	8	3,458.96	8	3,099.99	8	2741.02	8	2382.05	8	2023.07	8	1,664.10	8	1,305.13	8	946.16	8	587.18	8	228.21	8	
1/4	4,787.02	1/4	4,523.91	1/4	4,260.79	1/4	3,997.68	1/4	3,734.57	1/4	3,451.49	1/4	3,092.51	1/4	2733.54	1/4	2374.57	1/4	2015.60	1/4	1,656.62	1/4	1,297.65	1/4	938.68	1/4	579.70	1/4	220.73	1/4	
1/2	4,781.54	1/2	4,518.42	1/2	4,255.31	1/2	3,992.20	1/2	3,729.09	1/2	3,444.01	1/2	3,085.03	1/2	2726.06	1/2	2367.09	1/2	2008.12	1/2	1,649.14	1/2	1,290.17	1/2	931.20	1/2	572.23	1/2	213.25	1/2	
3/4	4,776.05	3/4	4,512.94	3/4	4,249.83	3/4	3,986.72	3/4	3,723.61	3/4	3,436.53	3/4	3,077.56	3/4	2718.58	3/4	23														

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR GAUGING WITH HERMETIC GAUGE TAPE ONLY

HULL No. 06-2110

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.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	4,721.24	0	4,458.13	0	4,195.02	0	3,931.90	0	3,668.79	0	3,361.74	0	3002.77	0	2643.80	0	2284.82	0	1,925.85	0	1,566.88	0	1,207.91	0	848.93	0	489.96	0	130.99
1/4		1/4	4,715.76	1/4	4,452.65	1/4	4,189.53	1/4	3,926.42	1/4	3,663.31	1/4	3,354.26	1/4	2995.29	1/4	2636.32	1/4	2277.35	1/4	1,918.37	1/4	1,559.40	1/4	1,200.43	1/4	841.45	1/4	482.48	1/4	123.51
1/2		1/2	4,710.28	1/2	4,447.16	1/2	4,184.05	1/2	3,920.94	1/2	3,657.83	1/2	3,346.79	1/2	2987.81	1/2	2628.84	1/2	2269.87	1/2	1,910.89	1/2	1,551.92	1/2	1,192.95	1/2	833.98	1/2	475.00	1/2	116.03
3/4		3/4	4,704.79	3/4	4,441.68	3/4	4,178.57	3/4	3,915.46	3/4	3,652.35	3/4	3,339.31	3/4	2980.33	3/4	2621.36	3/4	2262.39	3/4	1,903.42	3/4	1,544.44	3/4	1,185.47	3/4	826.50	3/4	467.52	3/4	108.55
1		1	4,699.31	1	4,436.20	1	4,173.09	1	3,909.98	1	3,646.87	1	3,331.83	1	2972.86	1	2613.88	1	2254.91	1	1,895.94	1	1,536.96	1	1,177.99	1	819.02	1	460.05	1	101.07
1/4		1/4	4,693.83	1/4	4,430.72	1/4	4,167.61	1/4	3,904.50	1/4	3,641.38	1/4	3,324.35	1/4	2965.38	1/4	2606.40	1/4	2247.43	1/4	1,888.46	1/4	1,529.49	1/4	1,170.51	1/4	811.54	1/4	452.57	1/4	93.59
1/2		1/2	4,688.35	1/2	4,425.24	1/2	4,162.13	1/2	3,899.01	1/2	3,635.90	1/2	3,316.87	1/2	2957.90	1/2	2598.93	1/2	2239.95	1/2	1,880.98	1/2	1,522.01	1/2	1,163.03	1/2	804.06	1/2	445.09	1/2	86.12
3/4		3/4	4,682.87	3/4	4,419.76	3/4	4,156.64	3/4	3,893.53	3/4	3,630.42	3/4	3,309.39	3/4	2950.42	3/4	2591.45	3/4	2232.47	3/4	1,873.50	3/4	1,514.53	3/4	1,155.56	3/4	796.58	3/4	437.61	3/4	78.64
2		2	4,677.39	2	4,414.28	2	4,151.16	2	3,888.05	2	3,624.94	2	3,301.91	2	2942.94	2	2583.97	2	2225.00	2	1,866.02	2	1,507.05	2	1,148.08	2	789.10	2	430.13	2	71.16
1/4		1/4	4,671.91	1/4	4,408.79	1/4	4,145.68	1/4	3,882.57	1/4	3,619.46	1/4	3,294.44	1/4	2935.46	1/4	2576.49	1/4	2217.52	1/4	1,858.54	1/4	1,499.57	1/4	1,140.60	1/4	781.63	1/4	422.65	1/4	63.68
1/2		1/2	4,666.42	1/2	4,403.31	1/2	4,140.20	1/2	3,877.09	1/2	3,613.98	1/2	3,286.96	1/2	2927.98	1/2	2569.01	1/2	2210.04	1/2	1,851.07	1/2	1,492.09	1/2	1,133.12	1/2	774.15	1/2	415.17	1/2	57.14
3/4		3/4	4,660.94	3/4	4,397.83	3/4	4,134.72	3/4	3,871.61	3/4	3,608.49	3/4	3,279.48	3/4	2920.51	3/4	2561.53	3/4	2202.56	3/4	1,843.59	3/4	1,484.61	3/4	1,125.64	3/4	766.67	3/4	407.70	3/4	50.60
3		3	4,655.46	3	4,392.35	3	4,129.24	3	3,866.13	3	3,603.01	3	3,272.00	3	2913.03	3	2554.05	3	2195.08	3	1,836.11	3	1,477.14	3	1,118.16	3	759.19	3	400.22	3	44.06
1/4		1/4	4,649.98	1/4	4,386.87	1/4	4,123.76	1/4	3,860.64	1/4	3,597.53	1/4	3,264.52	1/4	2905.55	1/4	2546.58	1/4	2187.60	1/4	1,828.63	1/4	1,469.66	1/4	1,110.68	1/4	751.71	1/4	392.74	1/4	37.52
1/2		1/2	4,644.50	1/2	4,381.39	1/2	4,118.27	1/2	3,855.16	1/2	3,592.05	1/2	3,257.04	1/2	2898.07	1/2	2539.10	1/2	2180.12	1/2	1,821.15	1/2	1,462.18	1/2	1,103.21	1/2	744.23	1/2	385.26	1/2	32.85
3/4		3/4	4,639.02	3/4	4,375.90	3/4	4,112.79	3/4	3,849.68	3/4	3,586.57	3/4	3,249.56	3/4	2890.59	3/4	2531.62	3/4	2172.65	3/4	1,813.67	3/4	1,454.70	3/4	1,095.73	3/4	736.75	3/4	377.78	3/4	28.18
4		4	4,633.54	4	4,370.42	4	4,107.31	4	3,844.20	4	3,581.09	4	3,242.09	4	2883.11	4	2524.14	4	2165.17	4	1,806.19	4	1,447.22	4	1,088.25	4	729.28	4	370.30	4	23.52
1/4		1/4	4,628.05	1/4	4,364.94	1/4	4,101.83	1/4	3,838.72	1/4	3,575.61	1/4	3,234.61	1/4	2875.63	1/4	2516.66	1/4	2157.69	1/4	1,798.72	1/4	1,439.74	1/4	1,080.77	1/4	721.80	1/4	362.82	1/4	18.85
1/2	4,834.61	1/2	4,622.57	1/2	4,359.46	1/2	4,096.35	1/2	3,833.24	1/2	3,570.12	1/2	3,227.13	1/2	2868.16	1/2	2509.18	1/2	2150.21	1/2	1,791.24	1/2	1,432.26	1/2	1,073.29	1/2	714.32	1/2	355.35	1/2	18.85
3/4	4,833.57	3/4	4,617.09	3/4	4,353.98	3/4	4,090.87	3/4	3,827.75	3/4	3,564.64	3/4	3,219.65	3/4	2860.68	3/4	2501.70	3/4	2142.73	3/4	1,783.76	3/4	1,424.79	3/4	1,065.81	3/4	706.84	3/4	347.87	3/4	
5	4,832.54	5	4,611.61	5	4,348.50	5	4,085.39	5	3,822.27	5	3,559.16	5	3,212.17	5	2853.20	5	2494.23	5	2135.25	5	1,776.28	5	1,417.31	5	1,058.33	5	699.36	5	340.39	5	
1/4	4,831.50	1/4	4,606.13	1/4	4,343.02	1/4	4,079.90	1/4	3,816.79	1/4	3,553.68	1/4	3,204.69	1/4	2845.72	1/4	2486.75	1/4	2127.77	1/4	1,768.80	1/4	1,409.83	1/4	1,050.86	1/4	691.88	1/4	332.91	1/4	
1/2	4,829.95	1/2	4,600.65	1/2	4,337.53	1/2	4,074.42	1/2	3,811.31	1/2	3,548.20	1/2	3,197.21	1/2	2838.24	1/2	2479.27	1/2	2120.30	1/2	1,761.32	1/2	1,402.35	1/2	1,043.38	1/2	684.40	1/2	325.43	1/2	
3/4	4,828.40	3/4	4,595.16	3/4	4,332.05	3/4	4,068.94	3/4	3,805.83	3/4	3,542.72	3/4	3,189.74	3/4	2830.76	3/4	2471.79	3/4	2112.82	3/4	1,753.84	3/4	1,394.87	3/4	1,035.90	3/4	676.93	3/4	317.95	3/4	
6	4,826.85	6	4,589.68	6	4,326.57	6	4,063.46	6	3,800.35	6	3,537.24	6	3,182.26	6	2823.28	6	2464.31	6	2105.34	6	1,746.37	6	1,387.39	6	1,028.42	6	669.45	6	310.47	6	
1/4	4,825.30	1/4	4,584.20	1/4	4,321.09	1/4	4,057.98	1/4	3,794.87	1/4	3,531.75	1/4	3,174.78	1/4	2815.81	1/4	2456.83	1/4	2097.86	1/4	1,738.89	1/4	1,379.91	1/4	1,020.94	1/4	661.97	1/4	303.00	1/4	
1/2	4,822.96	1/2	4,578.72	1/2	4,315.61	1/2	4,052.50	1/2	3,789.38	1/2	3,526.27	1/2	3,167.30	1/2	2808.33	1/2	2449.35	1/2	2090.38	1/2	1,731.41	1/2	1,372.44	1/2	1,013.46	1/2	654.49	1/2	295.52	1/2	
3/4	4,820.63	3/4	4,573.24	3/4	4,310.13	3/4	4,047.01	3/4	3,783.90	3/4	3,518.79	3/4	3,159.82	3/4	2800.85	3/4	2441.88	3/4	2082.90	3/4	1,723.93	3/4	1,364.96	3/4	1,005.98	3/4	647.01	3/4	288.04	3/4	
7	4,818.29	7	4,567.76	7	4,304.65	7	4,041.53	7	3,778.42	7	3,511.32	7	3,152.34	7	2793.37	7	2434.40	7	2075.42	7	1,716.45	7	1,357.48	7	998.51	7	639.53	7	280.56	7	
1/4	4,815.95	1/4	4,562.28	1/4	4,299.16	1/4	4,036.05	1/4	3,772.94	1/4	3,503.84	1/4	3,144.86	1/4	2785.89	1/4	2426.92	1/4	2067.95	1/4	1,708.97	1/4	1,350.00	1/4	991.03	1/4	632.05	1/4	273.08	1/4	
1/2	4,812.83	1/2	4,556.79	1/2	4,293.68	1/2	4,030.57	1/2	3,767.46	1/2	3,496.36	1/2	3,137.39	1/2	2778.41	1/2	2419.44	1/2	2060.47	1/2	1,701.49	1/2	1,342.52	1/2	983.55	1/2	624.58	1/2	265.60	1/2	
3/4	4,809.71	3/4	4,551.31	3/4	4,288.20	3/4	4,025.09	3/4	3,761.98	3/4	3,488.88	3/4	3,129.91	3/4	2770.93	3/4	2411.96	3/4	2052.99	3/4	1,694.02	3/4	1,335.04	3/4	976.07	3/4	617.10	3/4	258.12	3/4	
8	4,806.58	8	4,545.83	8	4,282.72	8	4,019.61	8	3,756.50	8	3,481.40	8	3,122.43	8	2763.46	8	2404.48	8	2045.51	8	1,686.54	8	1,327.56	8	968.59	8	609.62	8	250.65	8	
1/4	4,803.46	1/4	4,540.35	1/4	4,277.24	1/4	4,014.13	1/4	3,751.01	1/4	3,473.92	1/4	3,114.95	1/4	2755.98	1/4	2397.00	1/4	2038.03	1/4	1,679.06	1/4	1,320.09	1/4	961.11	1/4	602.14	1/4	243.17	1/4	
1/2	4,797.98	1/2	4,534.87	1/2	4,271.76	1/2	4,008.64	1/2	3,745.53	1/2	3,466.44	1/2	3,107.47	1/2	2748.50	1/2	2389.53	1/2	2030.55	1/2	1,671.58	1/2	1,312.61	1/2	953.63	1/2	594.66	1/2	235.69	1/2	
3/4	4,792.50	3/4	4,529.39	3/4	4,266.27	3/4	4,003.16	3/4	3,740.05	3/4	3,458.96	3/4	3,099.99	3/4	2741.02	3/4	2382.05	3/4	2023.07	3/4											

**BARGE "HSM - 3221"
HARDIN STREET MARINE**

**1 PORT
ULLAGE TABLE**

HULL No. 06-2110

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL ULLAGE GAUGING AT 2" BALL VALVE

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.	IN	15 FT.
0		0	5,567.56	0	5,238.23	0	4,857.80	0	4,477.37	0	4,096.94	0	3,716.51	0	3,336.08	0	2,955.66	0	2,575.23	0	2,194.80	0	1,814.37	0	1,433.94	0	1,053.51	0	673.08	0	292.65
1/4		1/4	5,565.31	1/4	5,230.30	1/4	4,849.87	1/4	4,469.45	1/4	4,089.02	1/4	3,708.59	1/4	3,328.16	1/4	2,947.73	1/4	2,567.30	1/4	2,186.87	1/4	1,806.44	1/4	1,426.02	1/4	1,045.59	1/4	665.16	1/4	284.73
1/2		1/2	5,561.93	1/2	5,222.38	1/2	4,841.95	1/2	4,461.52	1/2	4,081.09	1/2	3,700.66	1/2	3,320.23	1/2	2,939.80	1/2	2,559.38	1/2	2,178.95	1/2	1,798.52	1/2	1,418.09	1/2	1,037.66	1/2	657.23	1/2	276.80
3/4		3/4	5,558.55	3/4	5,214.45	3/4	4,834.02	3/4	4,453.59	3/4	4,073.17	3/4	3,692.74	3/4	3,312.31	3/4	2,931.88	3/4	2,551.45	3/4	2,171.02	3/4	1,790.59	3/4	1,410.16	3/4	1,029.74	3/4	649.31	3/4	268.88
1		1	5,555.16	1	5,206.53	1	4,826.10	1	4,445.67	1	4,065.24	1	3,684.81	1	3,304.38	1	2,923.95	1	2,543.52	1	2,163.10	1	1,782.67	1	1,402.24	1	1,021.81	1	641.38	1	260.95
1/4		1/4	5,551.78	1/4	5,198.60	1/4	4,818.17	1/4	4,437.74	1/4	4,057.31	1/4	3,676.89	1/4	3,296.46	1/4	2,916.03	1/4	2,535.60	1/4	2,155.17	1/4	1,774.74	1/4	1,394.31	1/4	1,013.88	1/4	633.46	1/4	253.03
1/2		1/2	5,547.26	1/2	5,190.68	1/2	4,810.25	1/2	4,429.82	1/2	4,049.39	1/2	3,668.96	1/2	3,288.53	1/2	2,908.10	1/2	2,527.67	1/2	2,147.24	1/2	1,766.82	1/2	1,386.39	1/2	1,005.96	1/2	625.53	1/2	245.10
3/4		3/4	5,542.74	3/4	5,182.75	3/4	4,802.32	3/4	4,421.89	3/4	4,041.46	3/4	3,661.03	3/4	3,280.61	3/4	2,900.18	3/4	2,519.75	3/4	2,139.32	3/4	1,758.89	3/4	1,378.46	3/4	998.03	3/4	617.60	3/4	237.18
2		2	5,538.22	2	5,174.82	2	4,794.40	2	4,413.97	2	4,033.54	2	3,653.11	2	3,272.68	2	2,892.25	2	2,511.82	2	2,131.39	2	1,750.96	2	1,370.54	2	990.11	2	609.68	2	229.25
1/4		1/4	5,533.70	1/4	5,166.90	1/4	4,786.47	1/4	4,406.04	1/4	4,025.61	1/4	3,645.18	1/4	3,264.75	1/4	2,884.33	1/4	2,503.90	1/4	2,123.47	1/4	1,743.04	1/4	1,362.61	1/4	982.18	1/4	601.75	1/4	221.32
1/2		1/2	5,528.05	1/2	5,158.97	1/2	4,778.54	1/2	4,398.12	1/2	4,017.69	1/2	3,637.26	1/2	3,256.83	1/2	2,876.40	1/2	2,495.97	1/2	2,115.54	1/2	1,735.11	1/2	1,354.68	1/2	974.26	1/2	593.83	1/2	213.40
3/4		3/4	5,522.39	3/4	5,151.05	3/4	4,770.62	3/4	4,390.19	3/4	4,009.76	3/4	3,629.33	3/4	3,248.90	3/4	2,868.47	3/4	2,488.05	3/4	2,107.62	3/4	1,727.19	3/4	1,346.76	3/4	966.33	3/4	585.90	3/4	205.47
3		3	5,516.74	3	5,143.12	3	4,762.69	3	4,382.26	3	4,001.84	3	3,621.41	3	3,240.98	3	2,860.55	3	2,480.12	3	2,099.69	3	1,719.26	3	1,338.83	3	958.40	3	577.98	3	197.55
1/4		1/4	5,511.08	1/4	5,135.20	1/4	4,754.77	1/4	4,374.34	1/4	3,993.91	1/4	3,613.48	1/4	3,233.05	1/4	2,852.62	1/4	2,472.19	1/4	2,091.77	1/4	1,711.34	1/4	1,330.91	1/4	950.48	1/4	570.05	1/4	189.62
1/2		1/2	5,504.29	1/2	5,127.27	1/2	4,746.84	1/2	4,366.41	1/2	3,985.98	1/2	3,605.56	1/2	3,225.13	1/2	2,844.70	1/2	2,464.27	1/2	2,083.84	1/2	1,703.41	1/2	1,322.98	1/2	942.55	1/2	562.12	1/2	181.70
3/4		3/4	5,497.50	3/4	5,119.34	3/4	4,738.92	3/4	4,358.49	3/4	3,978.06	3/4	3,597.63	3/4	3,217.20	3/4	2,836.77	3/4	2,456.34	3/4	2,075.91	3/4	1,695.49	3/4	1,315.06	3/4	934.63	3/4	554.20	3/4	173.77
4		4	5,490.71	4	5,111.42	4	4,730.99	4	4,350.56	4	3,970.13	4	3,589.70	4	3,209.28	4	2,828.85	4	2,448.42	4	2,067.99	4	1,687.56	4	1,307.13	4	926.70	4	546.27	4	165.84
1/4		1/4	5,483.92	1/4	5,103.49	1/4	4,723.06	1/4	4,342.64	1/4	3,962.21	1/4	3,581.78	1/4	3,201.35	1/4	2,820.92	1/4	2,440.49	1/4	2,060.06	1/4	1,679.63	1/4	1,299.21	1/4	918.78	1/4	538.35	1/4	157.92
1/2		1/2	5,476.00	1/2	5,095.57	1/2	4,715.14	1/2	4,334.71	1/2	3,954.28	1/2	3,573.85	1/2	3,193.42	1/2	2,813.00	1/2	2,432.57	1/2	2,052.14	1/2	1,671.71	1/2	1,291.28	1/2	910.85	1/2	530.42	1/2	149.99
3/4		3/4	5,468.07	3/4	5,087.64	3/4	4,707.21	3/4	4,326.78	3/4	3,946.36	3/4	3,565.93	3/4	3,185.50	3/4	2,805.07	3/4	2,424.64	3/4	2,044.21	3/4	1,663.78	3/4	1,283.35	3/4	902.93	3/4	522.50	3/4	142.07
5		5	5,460.15	5	5,079.72	5	4,699.29	5	4,318.86	5	3,938.43	5	3,558.00	5	3,177.57	5	2,797.14	5	2,416.72	5	2,036.29	5	1,655.86	5	1,275.43	5	895.00	5	514.57	5	134.14
1/4		1/4	5,452.22	1/4	5,071.79	1/4	4,691.36	1/4	4,310.93	1/4	3,930.50	1/4	3,550.08	1/4	3,169.65	1/4	2,789.22	1/4	2,408.79	1/4	2,028.36	1/4	1,647.93	1/4	1,267.50	1/4	887.07	1/4	506.65	1/4	126.22
1/2		1/2	5,444.29	1/2	5,063.87	1/2	4,683.44	1/2	4,303.01	1/2	3,922.58	1/2	3,542.15	1/2	3,161.72	1/2	2,781.29	1/2	2,400.86	1/2	2,020.44	1/2	1,640.01	1/2	1,259.58	1/2	879.15	1/2	498.72	1/2	118.29
3/4		3/4	5,436.37	3/4	5,055.94	3/4	4,675.51	3/4	4,295.08	3/4	3,914.65	3/4	3,534.22	3/4	3,153.80	3/4	2,773.37	3/4	2,392.94	3/4	2,012.51	3/4	1,632.08	3/4	1,251.65	3/4	871.22	3/4	490.79	3/4	110.37
6		6	5,428.44	6	5,048.01	6	4,667.59	6	4,287.16	6	3,906.73	6	3,526.30	6	3,145.87	6	2,765.44	6	2,385.01	6	2,004.58	6	1,624.16	6	1,243.73	6	863.30	6	482.87	6	102.44
1/4		1/4	5,420.52	1/4	5,040.09	1/4	4,659.66	1/4	4,279.23	1/4	3,898.80	1/4	3,518.37	1/4	3,137.94	1/4	2,757.52	1/4	2,377.09	1/4	1,996.66	1/4	1,616.23	1/4	1,235.80	1/4	855.37	1/4	474.94	1/4	94.51
1/2		1/2	5,412.59	1/2	5,032.16	1/2	4,651.73	1/2	4,271.31	1/2	3,890.88	1/2	3,510.45	1/2	3,130.02	1/2	2,749.59	1/2	2,369.16	1/2	1,988.73	1/2	1,608.30	1/2	1,227.88	1/2	847.45	1/2	467.02	1/2	86.59
3/4		3/4	5,404.67	3/4	5,024.24	3/4	4,643.81	3/4	4,263.38	3/4	3,882.95	3/4	3,502.52	3/4	3,122.09	3/4	2,741.66	3/4	2,361.24	3/4	1,980.81	3/4	1,600.38	3/4	1,219.95	3/4	839.52	3/4	459.09	3/4	78.66
7		7	5,396.74	7	5,016.31	7	4,635.88	7	4,255.45	7	3,875.03	7	3,494.60	7	3,114.17	7	2,733.74	7	2,353.31	7	1,972.88	7	1,592.45	7	1,212.02	7	831.60	7	451.17	7	70.74
1/4		1/4	5,388.82	1/4	5,008.39	1/4	4,627.96	1/4	4,247.53	1/4	3,867.10	1/4	3,486.67	1/4	3,106.24	1/4	2,725.81	1/4	2,345.38	1/4	1,964.96	1/4	1,584.53	1/4	1,204.10	1/4	823.67	1/4	443.24	1/4	62.81
1/2		1/2	5,380.89	1/2	5,000.46	1/2	4,620.03	1/2	4,239.60	1/2	3,859.17	1/2	3,478.75	1/2	3,098.32	1/2	2,717.89	1/2	2,337.46	1/2	1,957.03	1/2	1,576.60	1/2	1,196.17	1/2	815.74	1/2	435.32	1/2	55.88
3/4		3/4	5,372.96	3/4	4,992.54	3/4	4,612.11	3/4	4,231.68	3/4	3,851.25	3/4	3,470.82	3/4	3,090.39	3/4	2,709.96	3/4	2,329.53	3/4	1,949.10	3/4	1,568.68	3/4	1,188.25	3/4	807.82	3/4	427.39	3/4	48.95
8		8	5,365.04	8	4,984.61	8	4,604.18	8	4,223.75	8	3,843.32	8	3,462.89	8	3,082.47	8	2,702.04	8	2,321.61	8	1,941.18	8	1,560.75	8	1,180.32	8	799.89	8	419.46	8	42.02
1/4		1/4	5,357.11	1/4	4,976.68	1/4	4,596.26	1/4	4,215.83	1/4	3,835.40	1/4	3,454.97	1/4	3,074.54	1/4	2,694.11	1/4	2,313.68	1/4	1,933.25	1/4	1,552.82	1/4	1,172.40	1/4	791.97	1/4	411.54	1/4	35.08
1/2		1/2	5,349.19	1/2	4,968.76	1/2	4,588.33	1/2	4,207.90	1/2	3,827.47	1/2	3,447.04	1/2	3,066.61	1/2	2,686.19	1/2	2,305.76	1/2	1,925.33	1/2	1,544.90	1/2	1,164.47	1/2	784.04	1/2	403.61	1/2	30.14

BARGE "HSM - 3221"
HARDIN STREET MARINE

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL ULLAGE GAUGING AT 2" BALL VALVE

HULL No. 06-2110

Table with 23 columns representing heights from 0 FT. to 15 FT. and multiple rows for each height (0, 1/4, 1/2, 3/4). Each cell contains a numerical value representing capacity in barrels.

NOTE: GAUGE POINT: TO TOP LIP OF HERMETIC BALL VALVE
NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK..
REFERENCE GAUGE HEIGHT: 15'-9 1/4" STARBOARD

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 12/10/07 BY: JF
DATE COMPUTED: 12/24/07 BY: WHF
DATE ISSUED: 12/26/07

INTERTEK - CALEB BRETT

Handwritten signature of Caleb Brett

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL ULLAGE GAUGING AT 2" BALL VALVE

HULL No. 06-2110

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.	IN	15 FT.
0		0	5,599.79	0	5,268.83	0	4,886.52	0	4,504.21	0	4,121.90	0	3,739.59	0	3,357.28	0	2,974.97	0	2,592.66	0	2,210.35	0	1,828.04	0	1,445.73	0	1,063.42	0	681.11	0	298.80
1/4		1/4	5,597.54	1/4	5,260.87	1/4	4,878.56	1/4	4,496.25	1/4	4,113.94	1/4	3,731.63	1/4	3,349.32	1/4	2,967.01	1/4	2,584.70	1/4	2,202.39	1/4	1,820.08	1/4	1,437.77	1/4	1,055.45	1/4	673.14	1/4	290.83
1/2		1/2	5,594.14	1/2	5,252.90	1/2	4,870.59	1/2	4,488.28	1/2	4,105.97	1/2	3,723.66	1/2	3,341.35	1/2	2,959.04	1/2	2,576.73	1/2	2,194.42	1/2	1,812.11	1/2	1,429.80	1/2	1,047.49	1/2	665.18	1/2	282.87
3/4		3/4	5,590.73	3/4	5,244.94	3/4	4,862.63	3/4	4,480.32	3/4	4,098.01	3/4	3,715.70	3/4	3,333.39	3/4	2,951.08	3/4	2,568.77	3/4	2,186.46	3/4	1,804.15	3/4	1,421.84	3/4	1,039.53	3/4	657.21	3/4	274.90
1		1	5,587.33	1	5,236.97	1	4,854.66	1	4,472.35	1	4,090.04	1	3,707.73	1	3,325.42	1	2,943.11	1	2,560.80	1	2,178.49	1	1,796.18	1	1,413.87	1	1,031.56	1	649.25	1	266.94
1/4		1/4	5,583.93	1/4	5,229.01	1/4	4,846.70	1/4	4,464.39	1/4	4,082.08	1/4	3,699.77	1/4	3,317.46	1/4	2,935.15	1/4	2,552.84	1/4	2,170.53	1/4	1,788.22	1/4	1,405.91	1/4	1,023.60	1/4	641.29	1/4	258.97
1/2		1/2	5,579.39	1/2	5,221.05	1/2	4,838.73	1/2	4,456.42	1/2	4,074.11	1/2	3,691.80	1/2	3,309.49	1/2	2,927.18	1/2	2,544.87	1/2	2,162.56	1/2	1,780.25	1/2	1,397.94	1/2	1,015.63	1/2	633.32	1/2	251.01
3/4		3/4	5,574.85	3/4	5,213.08	3/4	4,830.77	3/4	4,448.46	3/4	4,066.15	3/4	3,683.84	3/4	3,301.53	3/4	2,919.22	3/4	2,536.91	3/4	2,154.60	3/4	1,772.29	3/4	1,389.98	3/4	1,007.67	3/4	625.36	3/4	243.05
2		2	5,570.31	2	5,205.12	2	4,822.81	2	4,440.49	2	4,058.18	2	3,675.87	2	3,293.56	2	2,911.25	2	2,528.94	2	2,146.63	2	1,764.32	2	1,382.01	2	999.70	2	617.39	2	235.08
1/4		1/4	5,565.77	1/4	5,197.15	1/4	4,814.84	1/4	4,432.53	1/4	4,050.22	1/4	3,667.91	1/4	3,285.60	1/4	2,903.29	1/4	2,520.98	1/4	2,138.67	1/4	1,756.36	1/4	1,374.05	1/4	991.74	1/4	609.43	1/4	227.12
1/2		1/2	5,560.09	1/2	5,189.19	1/2	4,806.88	1/2	4,424.57	1/2	4,042.25	1/2	3,659.94	1/2	3,277.63	1/2	2,895.32	1/2	2,513.01	1/2	2,130.70	1/2	1,748.39	1/2	1,366.08	1/2	983.77	1/2	601.46	1/2	219.15
3/4		3/4	5,554.40	3/4	5,181.22	3/4	4,798.91	3/4	4,416.60	3/4	4,034.29	3/4	3,651.98	3/4	3,269.67	3/4	2,887.36	3/4	2,505.05	3/4	2,122.74	3/4	1,740.43	3/4	1,358.12	3/4	975.81	3/4	593.50	3/4	211.19
3		3	5,548.72	3	5,173.26	3	4,790.95	3	4,408.64	3	4,026.33	3	3,644.01	3	3,261.70	3	2,879.39	3	2,497.08	3	2,114.77	3	1,732.46	3	1,350.15	3	967.84	3	585.53	3	203.22
1/4		1/4	5,543.04	1/4	5,165.29	1/4	4,782.98	1/4	4,400.67	1/4	4,018.36	1/4	3,636.05	1/4	3,253.74	1/4	2,871.43	1/4	2,489.12	1/4	2,106.81	1/4	1,724.50	1/4	1,342.19	1/4	959.88	1/4	577.57	1/4	195.26
1/2		1/2	5,536.21	1/2	5,157.33	1/2	4,775.02	1/2	4,392.71	1/2	4,010.40	1/2	3,628.09	1/2	3,245.77	1/2	2,863.46	1/2	2,481.15	1/2	2,098.84	1/2	1,716.53	1/2	1,334.22	1/2	951.91	1/2	569.60	1/2	187.29
3/4		3/4	5,529.39	3/4	5,149.36	3/4	4,767.05	3/4	4,384.74	3/4	4,002.43	3/4	3,620.12	3/4	3,237.81	3/4	2,855.50	3/4	2,473.19	3/4	2,090.88	3/4	1,708.57	3/4	1,326.26	3/4	943.95	3/4	561.64	3/4	179.33
4		4	5,522.57	4	5,141.40	4	4,759.09	4	4,376.78	4	3,994.47	4	3,612.16	4	3,229.85	4	2,847.53	4	2,465.22	4	2,082.91	4	1,700.60	4	1,318.29	4	935.98	4	553.67	4	171.36
1/4		1/4	5,515.74	1/4	5,133.43	1/4	4,751.12	1/4	4,368.81	1/4	3,986.50	1/4	3,604.19	1/4	3,221.88	1/4	2,839.57	1/4	2,457.26	1/4	2,074.95	1/4	1,692.64	1/4	1,310.33	1/4	928.02	1/4	545.71	1/4	163.40
1/2		1/2	5,507.78	1/2	5,125.47	1/2	4,743.16	1/2	4,360.85	1/2	3,978.54	1/2	3,596.23	1/2	3,213.92	1/2	2,831.61	1/2	2,449.29	1/2	2,066.98	1/2	1,684.67	1/2	1,302.36	1/2	920.05	1/2	537.74	1/2	155.43
3/4		3/4	5,499.81	3/4	5,117.50	3/4	4,735.19	3/4	4,352.88	3/4	3,970.57	3/4	3,588.26	3/4	3,205.95	3/4	2,823.64	3/4	2,441.33	3/4	2,059.02	3/4	1,676.71	3/4	1,294.40	3/4	912.09	3/4	529.78	3/4	147.47
5		5	5,491.85	5	5,109.54	5	4,727.23	5	4,344.92	5	3,962.61	5	3,580.30	5	3,197.99	5	2,815.68	5	2,433.37	5	2,051.05	5	1,668.74	5	1,286.43	5	904.12	5	521.81	5	139.50
1/4		1/4	5,483.88	1/4	5,101.57	1/4	4,719.26	1/4	4,336.95	1/4	3,954.64	1/4	3,572.33	1/4	3,190.02	1/4	2,807.71	1/4	2,425.40	1/4	2,043.09	1/4	1,660.78	1/4	1,278.47	1/4	896.16	1/4	513.85	1/4	131.54
1/2		1/2	5,475.92	1/2	5,093.61	1/2	4,711.30	1/2	4,328.99	1/2	3,946.68	1/2	3,564.37	1/2	3,182.06	1/2	2,799.75	1/2	2,417.44	1/2	2,035.13	1/2	1,652.81	1/2	1,270.50	1/2	888.19	1/2	505.88	1/2	123.57
3/4		3/4	5,467.95	3/4	5,085.64	3/4	4,703.33	3/4	4,321.02	3/4	3,938.71	3/4	3,556.40	3/4	3,174.09	3/4	2,791.78	3/4	2,409.47	3/4	2,027.16	3/4	1,644.85	3/4	1,262.54	3/4	880.23	3/4	497.92	3/4	115.61
6		6	5,459.99	6	5,077.68	6	4,695.37	6	4,313.06	6	3,930.75	6	3,548.44	6	3,166.13	6	2,783.82	6	2,401.51	6	2,019.20	6	1,636.89	6	1,254.57	6	872.26	6	489.95	6	107.64
1/4		1/4	5,452.02	1/4	5,069.71	1/4	4,687.40	1/4	4,305.09	1/4	3,922.78	1/4	3,540.47	1/4	3,158.16	1/4	2,775.85	1/4	2,393.54	1/4	2,011.23	1/4	1,628.92	1/4	1,246.61	1/4	864.30	1/4	481.99	1/4	99.68
1/2		1/2	5,444.06	1/2	5,061.75	1/2	4,679.44	1/2	4,297.13	1/2	3,914.82	1/2	3,532.51	1/2	3,150.20	1/2	2,767.89	1/2	2,385.58	1/2	2,003.27	1/2	1,620.96	1/2	1,238.65	1/2	856.33	1/2	474.02	1/2	91.71
3/4		3/4	5,436.09	3/4	5,053.78	3/4	4,671.47	3/4	4,289.16	3/4	3,906.85	3/4	3,524.54	3/4	3,142.23	3/4	2,759.92	3/4	2,377.61	3/4	1,995.30	3/4	1,612.99	3/4	1,230.68	3/4	848.37	3/4	466.06	3/4	83.75
7		7	5,428.13	7	5,045.82	7	4,663.51	7	4,281.20	7	3,898.89	7	3,516.58	7	3,134.27	7	2,751.96	7	2,369.65	7	1,987.34	7	1,605.03	7	1,222.72	7	840.41	7	458.09	7	75.78
1/4		1/4	5,420.17	1/4	5,037.85	1/4	4,655.54	1/4	4,273.23	1/4	3,890.92	1/4	3,508.61	1/4	3,126.30	1/4	2,743.99	1/4	2,361.68	1/4	1,979.37	1/4	1,597.06	1/4	1,214.75	1/4	832.44	1/4	450.13	1/4	67.82
1/2		1/2	5,412.20	1/2	5,029.89	1/2	4,647.58	1/2	4,265.27	1/2	3,882.96	1/2	3,500.65	1/2	3,118.34	1/2	2,736.03	1/2	2,353.72	1/2	1,971.41	1/2	1,589.10	1/2	1,206.79	1/2	824.48	1/2	442.17	1/2	60.85
3/4		3/4	5,404.24	3/4	5,021.93	3/4	4,639.61	3/4	4,257.30	3/4	3,874.99	3/4	3,492.68	3/4	3,110.37	3/4	2,728.06	3/4	2,345.75	3/4	1,963.44	3/4	1,581.13	3/4	1,198.82	3/4	816.51	3/4	434.20	3/4	53.89
8		8	5,396.27	8	5,013.96	8	4,631.65	8	4,249.34	8	3,867.03	8	3,484.72	8	3,102.41	8	2,720.10	8	2,337.79	8	1,955.48	8	1,573.17	8	1,190.86	8	808.55	8	426.24	8	46.92
1/4		1/4	5,388.31	1/4	5,006.00	1/4	4,623.69	1/4	4,241.37	1/4	3,859.06	1/4	3,476.75	1/4	3,094.44	1/4	2,712.13	1/4	2,329.82	1/4	1,947.51	1/4	1,565.20	1/4	1,182.89	1/4	800.58	1/4	418.27	1/4	39.95
1/2		1/2	5,380.34	1/2	4,998.03	1/2	4,615.72	1/2	4,233.41	1/2	3,851.10	1/2	3,468.79	1/2	3,086.48	1/2	2,704.17	1/2	2,321.86	1/2	1,939.55	1/2	1,557.24	1/2	1,174.93	1/2	792.62	1/2	410.31	1/2	34.98
3/4		3/4	5,372.38	3/4	4,990.07	3/4	4,607.76	3/4	4,225.45	3/4	3,843.13	3/4	3,460.82	3/4	3,078.51	3/4	2,696.20	3/4	2,313.89	3/4	1,931.58	3/4	1,549.27	3/4	1,166.96	3/4	784.65	3/4	402.34	3/4	30.02
9		9	5,364.41	9	4,982.10	9	4,599.79	9	4,217.48	9	3,835.17	9	3,452.86	9	3,070.55	9	2,688.24	9	2,305.93	9	1,923.62	9	1,541.31	9	1,159.00	9	776.69	9	394.38	9	25.05
1/4		1/4	5,356.45	1/4	4,974.14	1/4	4,																								

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL ULLAGE GAUGING AT 2" BALL VALVE

HULL No. 06-2110

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.	IN	15 FT.
0		0	5,599.79	0	5,268.83	0	4,886.52	0	4,504.21	0	4,121.90	0	3,739.59	0	3,357.28	0	2,974.97	0	2,592.66	0	2,210.35	0	1,828.04	0	1,445.73	0	1,063.42	0	681.11	0	298.80
1/4		1/4	5,597.54	1/4	5,260.87	1/4	4,878.56	1/4	4,496.25	1/4	4,113.94	1/4	3,731.63	1/4	3,349.32	1/4	2,967.01	1/4	2,584.70	1/4	2,202.39	1/4	1,820.08	1/4	1,437.77	1/4	1,055.45	1/4	673.14	1/4	290.83
1/2		1/2	5,594.14	1/2	5,252.90	1/2	4,870.59	1/2	4,488.28	1/2	4,105.97	1/2	3,723.66	1/2	3,341.35	1/2	2,959.04	1/2	2,576.73	1/2	2,194.42	1/2	1,812.11	1/2	1,429.80	1/2	1,047.49	1/2	665.18	1/2	282.87
3/4		3/4	5,590.73	3/4	5,244.94	3/4	4,862.63	3/4	4,480.32	3/4	4,098.01	3/4	3,715.70	3/4	3,333.39	3/4	2,951.08	3/4	2,568.77	3/4	2,186.46	3/4	1,804.15	3/4	1,421.84	3/4	1,039.53	3/4	657.21	3/4	274.90
1		1	5,587.33	1	5,236.97	1	4,854.66	1	4,472.35	1	4,090.04	1	3,707.73	1	3,325.42	1	2,943.11	1	2,560.80	1	2,178.49	1	1,796.18	1	1,413.87	1	1,031.56	1	649.25	1	266.94
1/4		1/4	5,583.93	1/4	5,229.01	1/4	4,846.70	1/4	4,464.39	1/4	4,082.08	1/4	3,699.77	1/4	3,317.46	1/4	2,935.15	1/4	2,552.84	1/4	2,170.53	1/4	1,788.22	1/4	1,405.91	1/4	1,023.60	1/4	641.29	1/4	258.97
1/2		1/2	5,579.39	1/2	5,221.05	1/2	4,838.73	1/2	4,456.42	1/2	4,074.11	1/2	3,691.80	1/2	3,309.49	1/2	2,927.18	1/2	2,544.87	1/2	2,162.56	1/2	1,780.25	1/2	1,397.94	1/2	1,015.63	1/2	633.32	1/2	251.01
3/4		3/4	5,574.85	3/4	5,213.08	3/4	4,830.77	3/4	4,448.46	3/4	4,066.15	3/4	3,683.84	3/4	3,301.53	3/4	2,919.22	3/4	2,536.91	3/4	2,154.60	3/4	1,772.29	3/4	1,389.98	3/4	1,007.67	3/4	625.36	3/4	243.05
2		2	5,570.31	2	5,205.12	2	4,822.81	2	4,440.49	2	4,058.18	2	3,675.87	2	3,293.56	2	2,911.25	2	2,528.94	2	2,146.63	2	1,764.32	2	1,382.01	2	999.70	2	617.39	2	235.08
1/4		1/4	5,565.77	1/4	5,197.15	1/4	4,814.84	1/4	4,432.53	1/4	4,050.22	1/4	3,667.91	1/4	3,285.60	1/4	2,903.29	1/4	2,520.98	1/4	2,138.67	1/4	1,756.36	1/4	1,374.05	1/4	991.74	1/4	609.43	1/4	227.12
1/2		1/2	5,560.09	1/2	5,189.19	1/2	4,806.88	1/2	4,424.57	1/2	4,042.25	1/2	3,659.94	1/2	3,277.63	1/2	2,895.32	1/2	2,513.01	1/2	2,130.70	1/2	1,748.39	1/2	1,366.08	1/2	983.77	1/2	601.46	1/2	219.15
3/4		3/4	5,554.40	3/4	5,181.22	3/4	4,798.91	3/4	4,416.60	3/4	4,034.29	3/4	3,651.98	3/4	3,269.67	3/4	2,887.36	3/4	2,505.05	3/4	2,122.74	3/4	1,740.43	3/4	1,358.12	3/4	975.81	3/4	593.50	3/4	211.19
3		3	5,548.72	3	5,173.26	3	4,790.95	3	4,408.64	3	4,026.33	3	3,644.01	3	3,261.70	3	2,879.39	3	2,497.08	3	2,114.77	3	1,732.46	3	1,350.15	3	967.84	3	585.53	3	203.22
1/4		1/4	5,543.04	1/4	5,165.29	1/4	4,782.98	1/4	4,400.67	1/4	4,018.36	1/4	3,636.05	1/4	3,253.74	1/4	2,871.43	1/4	2,489.12	1/4	2,106.81	1/4	1,724.50	1/4	1,342.19	1/4	959.88	1/4	577.57	1/4	195.26
1/2		1/2	5,536.21	1/2	5,157.33	1/2	4,775.02	1/2	4,392.71	1/2	4,010.40	1/2	3,628.09	1/2	3,245.77	1/2	2,863.46	1/2	2,481.15	1/2	2,098.84	1/2	1,716.53	1/2	1,334.22	1/2	951.91	1/2	569.60	1/2	187.29
3/4		3/4	5,529.39	3/4	5,149.36	3/4	4,767.05	3/4	4,384.74	3/4	4,002.43	3/4	3,620.12	3/4	3,237.81	3/4	2,855.50	3/4	2,473.19	3/4	2,090.88	3/4	1,708.57	3/4	1,326.26	3/4	943.95	3/4	561.64	3/4	179.33
4		4	5,522.57	4	5,141.40	4	4,759.09	4	4,376.78	4	3,994.47	4	3,612.16	4	3,229.85	4	2,847.53	4	2,465.22	4	2,082.91	4	1,700.60	4	1,318.29	4	935.98	4	553.67	4	171.36
1/4		1/4	5,515.74	1/4	5,133.43	1/4	4,751.12	1/4	4,368.81	1/4	3,986.50	1/4	3,604.19	1/4	3,221.88	1/4	2,839.57	1/4	2,457.26	1/4	2,074.95	1/4	1,692.64	1/4	1,310.33	1/4	928.02	1/4	545.71	1/4	163.40
1/2		1/2	5,507.78	1/2	5,125.47	1/2	4,743.16	1/2	4,360.85	1/2	3,978.54	1/2	3,596.23	1/2	3,213.92	1/2	2,831.61	1/2	2,449.29	1/2	2,066.98	1/2	1,684.67	1/2	1,302.36	1/2	920.05	1/2	537.74	1/2	155.43
3/4		3/4	5,499.81	3/4	5,117.50	3/4	4,735.19	3/4	4,352.88	3/4	3,970.57	3/4	3,588.26	3/4	3,205.95	3/4	2,823.64	3/4	2,441.33	3/4	2,059.02	3/4	1,676.71	3/4	1,294.40	3/4	912.09	3/4	529.78	3/4	147.47
5		5	5,491.85	5	5,109.54	5	4,727.23	5	4,344.92	5	3,962.61	5	3,580.30	5	3,197.99	5	2,815.68	5	2,433.37	5	2,051.05	5	1,668.74	5	1,286.43	5	904.12	5	521.81	5	139.50
1/4		1/4	5,483.88	1/4	5,101.57	1/4	4,719.26	1/4	4,336.95	1/4	3,954.64	1/4	3,572.33	1/4	3,190.02	1/4	2,807.71	1/4	2,425.40	1/4	2,043.09	1/4	1,660.78	1/4	1,278.47	1/4	896.16	1/4	513.85	1/4	131.54
1/2		1/2	5,475.92	1/2	5,093.61	1/2	4,711.30	1/2	4,328.99	1/2	3,946.68	1/2	3,564.37	1/2	3,182.06	1/2	2,799.75	1/2	2,417.44	1/2	2,035.13	1/2	1,652.81	1/2	1,270.50	1/2	888.19	1/2	505.88	1/2	123.57
3/4		3/4	5,467.95	3/4	5,085.64	3/4	4,703.33	3/4	4,321.02	3/4	3,938.71	3/4	3,556.40	3/4	3,174.09	3/4	2,791.78	3/4	2,409.47	3/4	2,027.16	3/4	1,644.85	3/4	1,262.54	3/4	880.23	3/4	497.92	3/4	115.61
6		6	5,459.99	6	5,077.68	6	4,695.37	6	4,313.06	6	3,930.75	6	3,548.44	6	3,166.13	6	2,783.82	6	2,401.51	6	2,019.20	6	1,636.89	6	1,254.57	6	872.26	6	489.95	6	107.64
1/4		1/4	5,452.02	1/4	5,069.71	1/4	4,687.40	1/4	4,305.09	1/4	3,922.78	1/4	3,540.47	1/4	3,158.16	1/4	2,775.85	1/4	2,393.54	1/4	2,011.23	1/4	1,628.92	1/4	1,246.61	1/4	864.30	1/4	481.99	1/4	99.68
1/2		1/2	5,444.06	1/2	5,061.75	1/2	4,679.44	1/2	4,297.13	1/2	3,914.82	1/2	3,532.51	1/2	3,150.20	1/2	2,767.89	1/2	2,385.58	1/2	2,003.27	1/2	1,620.96	1/2	1,238.65	1/2	856.33	1/2	474.02	1/2	91.71
3/4		3/4	5,436.09	3/4	5,053.78	3/4	4,671.47	3/4	4,289.16	3/4	3,906.85	3/4	3,524.54	3/4	3,142.23	3/4	2,759.92	3/4	2,377.61	3/4	1,995.30	3/4	1,612.99	3/4	1,230.68	3/4	848.37	3/4	466.06	3/4	83.75
7		7	5,428.13	7	5,045.82	7	4,663.51	7	4,281																						

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL ULLAGE GAUGING AT 2" BALL VALVE

HULL No. 06-2110

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.	IN	15 FT.
0		0	4,815.95	0	4,562.28	0	4,299.16	0	4,036.05	0	3,772.94	0	3,503.84	0	3,144.86	0	2,785.89	0	2,426.92	0	2,067.95	0	1,708.97	0	1,350.00	0	991.03	0	632.05	0	273.08
1/4		1/4	4,812.83	1/4	4,556.79	1/4	4,293.68	1/4	4,030.57	1/4	3,767.46	1/4	3,496.36	1/4	3,137.39	1/4	2,778.41	1/4	2,419.44	1/4	2,060.47	1/4	1,701.49	1/4	1,342.52	1/4	983.55	1/4	624.58	1/4	265.60
1/2		1/2	4,809.71	1/2	4,551.31	1/2	4,288.20	1/2	4,025.09	1/2	3,761.98	1/2	3,488.88	1/2	3,129.91	1/2	2,770.93	1/2	2,411.96	1/2	2,052.99	1/2	1,694.02	1/2	1,335.04	1/2	976.07	1/2	617.10	1/2	258.12
3/4		3/4	4,806.58	3/4	4,545.83	3/4	4,282.72	3/4	4,019.61	3/4	3,756.50	3/4	3,481.40	3/4	3,122.43	3/4	2,763.46	3/4	2,404.48	3/4	2,045.51	3/4	1,686.54	3/4	1,327.56	3/4	968.59	3/4	609.62	3/4	250.65
1		1	4,803.46	1	4,540.35	1	4,277.24	1	4,014.13	1	3,751.01	1	3,473.92	1	3,114.95	1	2,755.98	1	2,397.00	1	2,038.03	1	1,679.06	1	1,320.09	1	961.11	1	602.14	1	243.17
1/4		1/4	4,797.98	1/4	4,534.87	1/4	4,271.76	1/4	4,008.64	1/4	3,745.53	1/4	3,466.44	1/4	3,107.47	1/4	2,748.50	1/4	2,389.53	1/4	2,030.55	1/4	1,671.58	1/4	1,312.61	1/4	953.63	1/4	594.66	1/4	235.69
1/2		1/2	4,792.50	1/2	4,529.39	1/2	4,266.27	1/2	4,003.16	1/2	3,740.05	1/2	3,458.96	1/2	3,099.99	1/2	2,741.02	1/2	2,382.05	1/2	2,023.07	1/2	1,664.10	1/2	1,305.13	1/2	946.16	1/2	587.18	1/2	228.21
3/4		3/4	4,787.02	3/4	4,523.91	3/4	4,260.79	3/4	3,997.68	3/4	3,734.57	3/4	3,451.49	3/4	3,092.51	3/4	2,733.54	3/4	2,374.57	3/4	2,015.60	3/4	1,656.62	3/4	1,297.65	3/4	938.68	3/4	579.70	3/4	220.73
2		2	4,781.54	2	4,518.42	2	4,255.31	2	3,992.20	2	3,729.09	2	3,444.01	2	3,085.03	2	2,726.06	2	2,367.09	2	2,008.12	2	1,649.14	2	1,290.17	2	931.20	2	572.23	2	213.25
1/4		1/4	4,776.05	1/4	4,512.94	1/4	4,249.83	1/4	3,986.72	1/4	3,723.61	1/4	3,436.53	1/4	3,077.56	1/4	2,718.58	1/4	2,359.61	1/4	2,000.64	1/4	1,641.67	1/4	1,282.69	1/4	923.72	1/4	564.75	1/4	205.77
1/2		1/2	4,770.57	1/2	4,507.46	1/2	4,244.35	1/2	3,981.24	1/2	3,718.12	1/2	3,429.05	1/2	3,070.08	1/2	2,711.10	1/2	2,352.13	1/2	1,993.16	1/2	1,634.19	1/2	1,275.21	1/2	916.24	1/2	557.27	1/2	198.30
3/4		3/4	4,765.09	3/4	4,501.98	3/4	4,238.87	3/4	3,975.76	3/4	3,712.64	3/4	3,421.57	3/4	3,062.60	3/4	2,703.63	3/4	2,344.65	3/4	1,985.68	3/4	1,626.71	3/4	1,267.74	3/4	908.76	3/4	549.79	3/4	190.82
3		3	4,759.61	3	4,496.50	3	4,233.39	3	3,970.27	3	3,707.16	3	3,414.09	3	3,055.12	3	2,696.15	3	2,337.17	3	1,978.20	3	1,619.23	3	1,260.26	3	901.28	3	542.31	3	183.34
1/4		1/4	4,754.13	1/4	4,491.02	1/4	4,227.90	1/4	3,964.79	1/4	3,701.68	1/4	3,406.61	1/4	3,047.64	1/4	2,688.67	1/4	2,329.70	1/4	1,970.72	1/4	1,611.75	1/4	1,252.78	1/4	893.81	1/4	534.83	1/4	175.86
1/2		1/2	4,748.65	1/2	4,485.53	1/2	4,222.42	1/2	3,959.31	1/2	3,696.20	1/2	3,399.14	1/2	3,040.16	1/2	2,681.19	1/2	2,322.22	1/2	1,963.24	1/2	1,604.27	1/2	1,245.30	1/2	886.33	1/2	527.35	1/2	168.38
3/4		3/4	4,743.17	3/4	4,480.05	3/4	4,216.94	3/4	3,953.83	3/4	3,690.72	3/4	3,391.66	3/4	3,032.68	3/4	2,673.71	3/4	2,314.74	3/4	1,955.77	3/4	1,596.79	3/4	1,237.82	3/4	878.85	3/4	519.88	3/4	160.90
4		4	4,737.68	4	4,474.57	4	4,211.46	4	3,948.35	4	3,685.24	4	3,384.18	4	3,025.21	4	2,666.23	4	2,307.26	4	1,948.29	4	1,589.31	4	1,230.34	4	871.37	4	512.40	4	153.42
1/4		1/4	4,732.20	1/4	4,469.09	1/4	4,205.98	1/4	3,942.87	1/4	3,679.75	1/4	3,376.70	1/4	3,017.73	1/4	2,658.75	1/4	2,299.78	1/4	1,940.81	1/4	1,581.84	1/4	1,222.86	1/4	863.89	1/4	504.92	1/4	145.95
1/2		1/2	4,726.72	1/2	4,463.61	1/2	4,200.50	1/2	3,937.38	1/2	3,674.27	1/2	3,369.22	1/2	3,010.25	1/2	2,651.28	1/2	2,292.30	1/2	1,933.33	1/2	1,574.36	1/2	1,215.38	1/2	856.41	1/2	497.44	1/2	138.47
3/4		3/4	4,721.24	3/4	4,458.13	3/4	4,195.02	3/4	3,931.90	3/4	3,668.79	3/4	3,361.74	3/4	3,002.77	3/4	2,643.80	3/4	2,284.82	3/4	1,925.85	3/4	1,566.88	3/4	1,207.91	3/4	848.93	3/4	489.96	3/4	130.99
5		5	4,715.76	5	4,452.65	5	4,189.53	5	3,926.42	5	3,663.31	5	3,354.26	5	2,995.29	5	2,636.32	5	2,277.35	5	1,918.37	5	1,559.40	5	1,200.43	5	841.45	5	482.48	5	123.51
1/4		1/4	4,710.28	1/4	4,447.16	1/4	4,184.05	1/4	3,920.94	1/4	3,657.83	1/4	3,346.79	1/4	2,987.81	1/4	2,628.84	1/4	2,269.87	1/4	1,910.89	1/4	1,551.92	1/4	1,192.95	1/4	833.98	1/4	475.00	1/4	116.03
1/2		1/2	4,704.79	1/2	4,441.68	1/2	4,178.57	1/2	3,915.46	1/2	3,652.35	1/2	3,339.31	1/2	2,980.33	1/2	2,621.36	1/2	2,262.39	1/2	1,903.42	1/2	1,544.44	1/2	1,185.47	1/2	826.50	1/2	467.52	1/2	108.55
3/4		3/4	4,699.31	3/4	4,436.20	3/4	4,173.09	3/4	3,909.98	3/4	3,646.87	3/4	3,331.83	3/4	2,972.86	3/4	2,613.88	3/4	2,254.91	3/4	1,895.94	3/4	1,536.96	3/4	1,177.99	3/4	819.02	3/4	460.05	3/4	101.07
6		6	4,693.83	6	4,430.72	6	4,167.61	6	3,904.50	6	3,641.38	6	3,324.35	6	2,965.38	6	2,606.40	6	2,247.43	6	1,888.46	6	1,529.49	6	1,170.51	6	811.54	6	452.57	6	93.59
1/4		1/4	4,688.35	1/4	4,425.24	1/4	4,162.13	1/4	3,899.01	1/4	3,635.90	1/4	3,316.87	1/4	2,957.90	1/4	2,598.93	1/4	2,239.95	1/4	1,880.98	1/4	1,522.01	1/4	1,163.03	1/4	804.06	1/4	445.09	1/4	86.12
1/2		1/2	4,682.87	1/2	4,419.76	1/2	4,156.64	1/2	3,893.53	1/2	3,630.42	1/2	3,309.39	1/2	2,950.42	1/2	2,591.45	1/2	2,232.47	1/2	1,873.50	1/2	1,514.53	1/2	1,155.56	1/2	796.58	1/2	437.61	1/2	78.64
3/4		3/4	4,677.39	3/4	4,414.28	3/4	4,151.16	3/4	3,888.05	3/4	3,624.94	3/4	3,301.91	3/4	2,942.94	3/4	2,583.97	3/4	2,225.00	3/4	1,866.02	3/4	1,507.05	3/4	1,148.08	3/4	789.10	3/4	430.13	3/4	71.16
7		7	4,671.91	7	4,408.79	7	4,145.68	7	3,882.57	7	3,619.46	7	3,294.44	7	2,935.46	7	2,576.49	7	2,217.52	7	1,858.54	7	1,499.57	7	1,140.60	7	781.63	7	422.65	7	63.68
1/4		1/4	4,666.42	1/4	4,403.31	1/4	4,140.20	1/4	3,877.09	1/4	3,613.98	1/4	3,286.96	1/4	2,927.98	1/4	2,569.01	1/4	2,210.04	1/4	1,851.07	1/4	1,492.09	1/4	1,133.12	1/4	774.15	1/4	415.17	1/4	57.14
1/2		1/2	4,660.94	1/2	4,397.83	1/2	4,134.72	1/2	3,871.61	1/2	3,608.49	1/2	3,279.48	1/2	2,920.51	1/2	2,561.53	1/2	2,202.56	1/2	1,843.59	1/2	1,484.61	1/2	1,125.64	1/2	766.67	1/2	407.70	1/2	50.60
3/4		3/4	4,655.46	3/4	4,392.35	3/4	4,129.24	3/4	3,866.13	3/4	3,603.01	3/4	3,272.00	3/4	2,913.03	3/4	2,554.05	3/4	2,195.08	3/4	1,836.11	3/4	1,477.14	3/4	1,118.16	3/4	759.19	3/4	400.22	3/4	44.06
8		8	4,649.98	8	4,386.87	8	4,123.76	8	3,860.64	8	3,597.53	8	3,264.52	8	2,905.55	8	2,546.58	8	2,187.60	8	1,828.63	8	1,469.66	8	1,110.68	8	751.71	8	392.74	8	37.52
1/4		1/4	4,644.50	1/4	4,381.39	1/4	4,118.27	1/4	3,855.16	1/4	3,592.05	1/4	3,257.04	1/4	2,898.07	1/4	2,539.10	1/4	2,180.12	1/4	1,821.15	1/4	1,462.18	1/4	1,103.21	1/4	744.23	1/4	385.26	1/4	32.85
1/2		1/2	4,639.02	1/2	4,375.90	1/2	4,112.79	1/2	3,849.68	1/2	3,586.57	1/2	3,249.56	1/2	2,890.59	1/2	2,531.62	1/2	2,172.65	1/2	1,813.67	1/2	1,454.70	1/2	1,095.73	1/2	736.75	1/2	377.78	1/2	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL ULLAGE GAUGING AT 2" BALL VALVE

HULL No. 06-2110

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.	IN	15 FT.
0		0	4,822.96	0	4,578.72	0	4,315.61	0	4,052.50	0	3,789.38	0	3,526.27	0	3,167.30	0	2,808.33	0	2,449.35	0	2,090.38	0	1,731.41	0	1,372.44	0	1,013.46	0	654.49	0	295.52
1/4	1/4	4,820.63	1/4 4,573.24	1/4	4,310.13	1/4	4,047.01	1/4	3,783.90	1/4	3,518.79	1/4	3,159.82	1/4	2,800.85	1/4	2,441.88	1/4	2,082.90	1/4	1,723.93	1/4	1,364.96	1/4	1,005.98	1/4	647.01	1/4	288.04		
1/2	1/2	4,818.29	1/2 4,567.76	1/2	4,304.65	1/2	4,041.53	1/2	3,778.42	1/2	3,511.32	1/2	3,152.34	1/2	2,793.37	1/2	2,434.40	1/2	2,075.42	1/2	1,716.45	1/2	1,357.48	1/2	998.51	1/2	639.53	1/2	280.56		
3/4	3/4	4,815.95	3/4 4,562.28	3/4	4,299.16	3/4	4,036.05	3/4	3,772.94	3/4	3,503.84	3/4	3,144.86	3/4	2,785.89	3/4	2,426.92	3/4	2,067.95	3/4	1,708.97	3/4	1,350.00	3/4	991.03	3/4	632.05	3/4	273.08		
1		1	4,812.83	1	4,556.79	1	4,293.68	1	4,030.57	1	3,767.46	1	3,496.36	1	3,137.39	1	2,778.41	1	2,419.44	1	2,060.47	1	1,701.49	1	1,342.52	1	983.55	1	624.58	1	265.60
1/4	1/4	4,809.71	1/4 4,551.31	1/4	4,288.20	1/4	4,025.09	1/4	3,761.98	1/4	3,488.88	1/4	3,129.91	1/4	2,770.93	1/4	2,411.96	1/4	2,052.99	1/4	1,694.02	1/4	1,335.04	1/4	976.07	1/4	617.10	1/4	258.12		
1/2	1/2	4,806.58	1/2 4,545.83	1/2	4,282.72	1/2	4,019.61	1/2	3,756.50	1/2	3,481.40	1/2	3,122.43	1/2	2,763.46	1/2	2,404.48	1/2	2,045.51	1/2	1,686.54	1/2	1,327.56	1/2	968.59	1/2	609.62	1/2	250.65		
3/4	3/4	4,803.46	3/4 4,540.35	3/4	4,277.24	3/4	4,014.13	3/4	3,751.01	3/4	3,473.92	3/4	3,114.95	3/4	2,755.98	3/4	2,397.00	3/4	2,038.03	3/4	1,679.06	3/4	1,320.09	3/4	961.11	3/4	602.14	3/4	243.17		
2		2	4,797.98	2	4,534.87	2	4,271.76	2	4,008.64	2	3,745.53	2	3,466.44	2	3,107.47	2	2,748.50	2	2,389.53	2	2,030.55	2	1,671.58	2	1,312.61	2	953.63	2	594.66	2	235.69
1/4	1/4	4,792.50	1/4 4,529.39	1/4	4,266.27	1/4	4,003.16	1/4	3,740.05	1/4	3,458.96	1/4	3,099.99	1/4	2,741.02	1/4	2,382.05	1/4	2,023.07	1/4	1,664.10	1/4	1,305.13	1/4	946.16	1/4	587.18	1/4	228.21		
1/2	1/2	4,787.02	1/2 4,523.91	1/2	4,260.79	1/2	3,997.68	1/2	3,734.57	1/2	3,451.49	1/2	3,092.51	1/2	2,733.54	1/2	2,374.57	1/2	2,015.60	1/2	1,656.62	1/2	1,297.65	1/2	938.68	1/2	579.70	1/2	220.73		
3/4	3/4	4,781.54	3/4 4,518.42	3/4	4,255.31	3/4	3,992.20	3/4	3,729.09	3/4	3,444.01	3/4	3,085.03	3/4	2,726.06	3/4	2,367.09	3/4	2,008.12	3/4	1,649.14	3/4	1,290.17	3/4	931.20	3/4	572.23	3/4	213.25		
3		3	4,776.05	3	4,512.94	3	4,249.83	3	3,986.72	3	3,723.61	3	3,436.53	3	3,077.56	3	2,718.58	3	2,359.61	3	2,000.64	3	1,641.67	3	1,282.69	3	923.72	3	564.75	3	205.77
1/4	1/4	4,770.57	1/4 4,507.46	1/4	4,244.35	1/4	3,981.24	1/4	3,718.12	1/4	3,429.05	1/4	3,070.08	1/4	2,711.10	1/4	2,352.13	1/4	1,993.16	1/4	1,634.19	1/4	1,275.21	1/4	916.24	1/4	557.27	1/4	198.30		
1/2	1/2	4,765.09	1/2 4,501.98	1/2	4,238.87	1/2	3,975.76	1/2	3,712.64	1/2	3,421.57	1/2	3,062.60	1/2	2,703.63	1/2	2,344.65	1/2	1,985.68	1/2	1,626.71	1/2	1,267.74	1/2	908.76	1/2	549.79	1/2	190.82		
3/4	3/4	4,759.61	3/4 4,496.50	3/4	4,233.39	3/4	3,970.27	3/4	3,707.16	3/4	3,414.09	3/4	3,055.12	3/4	2,696.15	3/4	2,337.17	3/4	1,978.20	3/4	1,619.23	3/4	1,260.26	3/4	901.28	3/4	542.31	3/4	183.34		
4		4	4,754.13	4	4,491.02	4	4,227.90	4	3,964.79	4	3,701.68	4	3,406.61	4	3,047.64	4	2,688.67	4	2,329.70	4	1,970.72	4	1,611.75	4	1,252.78	4	893.81	4	534.83	4	175.86
1/4	1/4	4,748.65	1/4 4,485.53	1/4	4,222.42	1/4	3,959.31	1/4	3,696.20	1/4	3,399.14	1/4	3,040.16	1/4	2,681.19	1/4	2,322.22	1/4	1,963.24	1/4	1,604.27	1/4	1,245.30	1/4	886.33	1/4	527.35	1/4	168.38		
1/2	1/2	4,743.17	1/2 4,480.05	1/2	4,216.94	1/2	3,953.83	1/2	3,690.72	1/2	3,391.66	1/2	3,032.68	1/2	2,673.71	1/2	2,314.74	1/2	1,955.77	1/2	1,596.79	1/2	1,237.82	1/2	878.85	1/2	519.88	1/2	160.90		
3/4	3/4	4,737.68	3/4 4,474.57	3/4	4,211.46	3/4	3,948.35	3/4	3,685.24	3/4	3,384.18	3/4	3,025.21	3/4	2,666.23	3/4	2,307.26	3/4	1,948.29	3/4	1,589.31	3/4	1,230.34	3/4	871.37	3/4	512.40	3/4	153.42		
5		5	4,732.20	5	4,469.09	5	4,205.98	5	3,942.87	5	3,679.75	5	3,376.70	5	3,017.73	5	2,658.75	5	2,299.78	5	1,940.81	5	1,581.84	5	1,222.86	5	863.89	5	504.92	5	145.95
1/4	1/4	4,726.72	1/4 4,463.61	1/4	4,200.50	1/4	3,937.38	1/4	3,674.27	1/4	3,369.22	1/4	3,010.25	1/4	2,651.28	1/4	2,292.30	1/4	1,933.33	1/4	1,574.36	1/4	1,215.38	1/4	856.41	1/4	497.44	1/4	138.47		
1/2	1/2	4,721.24	1/2 4,458.13	1/2	4,195.02	1/2	3,931.90	1/2	3,668.79	1/2	3,361.74	1/2	3,002.77	1/2	2,643.80	1/2	2,284.82	1/2	1,925.85	1/2	1,566.88	1/2	1,207.91	1/2	848.93	1/2	489.96	1/2	130.99		
3/4	3/4	4,715.76	3/4 4,452.65	3/4	4,189.53	3/4	3,926.42	3/4	3,663.31	3/4	3,354.26	3/4	2,995.29	3/4	2,636.32	3/4	2,277.35	3/4	1,918.37	3/4	1,559.40	3/4	1,200.43	3/4	841.45	3/4	482.48	3/4	123.51		
6		6	4,710.28	6	4,447.16	6	4,184.05	6	3,920.94	6	3,657.83	6	3,346.79	6	2,987.81	6	2,628.84	6	2,269.87	6	1,910.89	6	1,551.92	6	1,192.95	6	833.98	6	475.00	6	116.03
1/4	1/4	4,704.79	1/4 4,441.68	1/4	4,178.57	1/4	3,915.46	1/4	3,652.35	1/4	3,339.31	1/4	2,980.33	1/4	2,621.36	1/4	2,262.39	1/4	1,903.42	1/4	1,544.44	1/4	1,185.47	1/4	826.50	1/4	467.52	1/4	108.55		
1/2	1/2	4,699.31	1/2 4,436.20	1/2	4,173.09	1/2	3,909.98	1/2	3,646.87	1/2	3,331.83	1/2	2,972.86	1/2	2,613.88	1/2	2,254.91	1/2	1,895.94	1/2	1,536.96	1/2	1,177.99	1/2	819.02	1/2	460.05	1/2	101.07		
3/4	3/4	4,693.83	3/4 4,430.72	3/4	4,167.61	3/4	3,904.50	3/4	3,641.38	3/4	3,324.35	3/4	2,965.38	3/4	2,606.40	3/4	2,247.43	3/4	1,888.46	3/4	1,529.49	3/4	1,170.51	3/4	811.54	3/4	452.57	3/4	93.59		
7		7	4,688.35	7	4,425.24	7	4,162.13	7	3,899.01	7	3,635.90	7	3,316.87	7	2,957.90	7	2,598.93	7	2,239.95	7	1,880.98	7	1,522.01	7	1,163.03	7	804.06	7	445.09	7	86.12
1/4	1/4	4,682.87	1/4 4,419.76	1/4	4,156.64	1/4	3,893.53	1/4	3,630.42	1/4	3,309.39	1/4	2,950.42	1/4	2,591.45	1/4	2,232.47	1/4	1,873.50	1/4	1,514.53	1/4	1,155.56	1/4	796.58	1/4	437.61	1/4	78.64		
1/2	1/2	4,677.39	1/2 4,414.28	1/2	4,151.16	1/2	3,888.05	1/2	3,624.94	1/2	3,301.91	1/2	2,942.94	1/2	2,583.97	1/2	2,225.00	1/2	1,866.02	1/2	1,507.05	1/2	1,148.08	1/2	789.10	1/2	430.13	1/2	71.16		
3/4	3/4	4,671.91	3/4 4,408.79	3/4	4,145.68	3/4	3,882.57	3/4	3,619.46	3/4	3,294.44	3/4	2,935.46	3/4	2,576.49	3/4	2,217.52	3/4	1,858.54	3/4	1,499.57	3/4	1,140.60	3/4	781.63	3/4	422.65	3/4	63.68		
8		8	4,666.42	8	4,403.31	8	4,140.20	8	3,877.09	8	3,613.98	8	3,286.96	8	2,927.98	8	2,569.01	8	2,												