



BARGE "RBT 312"

HULL NO. 4509

1 PORT

ULLAGE TABLE

GAUGE HEIGHT: 16'-5 1/2"

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.
0	5,221.55	0	4,857.43	0	4,493.08	0	4,126.73	0	3,760.39	0	3,394.04	0	3,027.69	0	2,661.16	0	2,294.57	0	2,294.57
1/4	5,213.97	1/4	4,849.85	1/4	4,485.44	1/4	4,119.10	1/4	3,752.75	1/4	3,386.41	1/4	3,020.06	1/4	2,653.52	1/4	2,286.93	1/4	2,286.93
1/2	5,206.38	1/2	4,842.26	1/2	4,477.81	1/2	4,111.47	1/2	3,745.12	1/2	3,378.78	1/2	3,012.43	1/2	2,645.89	1/2	2,279.29	1/2	2,279.29
3/4	5,198.80	3/4	4,834.67	3/4	4,470.18	3/4	4,103.83	3/4	3,732.96	3/4	3,371.14	3/4	3,004.80	3/4	2,638.25	3/4	2,271.65	3/4	2,271.65
1	5,191.22	1	4,827.09	1	4,462.55	1	4,096.20	1	3,729.86	1	3,363.51	1	2,997.17	1	2,630.61	1	2,264.02	1	2,264.02
1/4	5,183.64	1/4	4,819.50	1/4	4,454.92	1/4	4,088.57	1/4	3,722.22	1/4	3,355.88	1/4	2,989.53	1/4	2,622.97	1/4	2,256.38	1/4	2,256.38
1/2	5,176.06	1/2	4,811.91	1/2	4,447.28	1/2	4,080.94	1/2	3,714.59	1/2	3,348.25	1/2	2,981.90	1/2	2,615.34	1/2	2,248.74	1/2	2,248.74
3/4	5,168.47	3/4	4,804.32	3/4	4,439.65	3/4	4,073.31	3/4	3,706.96	3/4	3,340.61	3/4	2,974.27	3/4	2,607.70	3/4	2,241.10	3/4	2,241.10
2	5,160.89	2	4,796.74	2	4,432.02	2	4,065.67	2	3,699.33	2	3,332.98	2	2,966.64	2	2,600.06	2	2,233.47	2	2,233.47
1/4	5,153.31	1/4	4,789.15	1/4	4,424.39	1/4	4,058.04	1/4	3,691.70	1/4	3,325.35	1/4	2,959.00	1/4	2,592.42	1/4	2,225.83	1/4	2,225.83
1/2	5,145.73	1/2	4,781.56	1/2	4,416.75	1/2	4,050.41	1/2	3,684.06	1/2	3,317.02	1/2	2,951.37	1/2	2,584.79	1/2	2,218.19	1/2	2,218.19
3/4	5,138.15	3/4	4,773.98	3/4	4,409.12	3/4	4,042.78	3/4	3,676.43	3/4	3,310.79	3/4	2,943.74	3/4	2,577.15	3/4	2,210.55	3/4	2,210.55
3	5,130.57	3	4,766.39	3	4,401.49	3	4,035.14	3	3,668.80	3	3,302.45	3	2,936.11	3	2,569.51	3	2,202.92	3	2,202.92
1/4	5,122.98	1/4	4,758.80	1/4	4,393.86	1/4	4,027.51	1/4	3,661.17	1/4	3,294.82	1/4	2,928.47	1/4	2,561.88	1/4	2,195.28	1/4	2,195.28
1/2	5,115.39	1/2	4,751.22	1/2	4,386.23	1/2	4,019.88	1/2	3,653.53	1/2	3,287.19	1/2	2,920.83	1/2	2,554.24	1/2	2,187.64	1/2	2,187.64
3/4	5,107.80	3/4	4,743.63	3/4	4,378.59	3/4	4,012.25	3/4	3,645.90	3/4	3,279.56	3/4	2,913.20	3/4	2,546.60	3/4	2,180.01	3/4	2,180.01
4	5,100.22	4	4,736.04	4	4,370.96	4	4,004.62	4	3,638.27	4	3,271.92	4	2,905.56	4	2,538.96	4	2,172.37	4	2,172.37
1/4	5,092.63	1/4	4,728.45	1/4	4,363.33	1/4	3,996.98	1/4	3,630.64	1/4	3,264.29	1/4	2,897.92	1/4	2,531.33	1/4	2,164.73	1/4	2,164.73
1/2	5,085.04	1/2	4,720.87	1/2	4,355.70	1/2	3,989.35	1/2	3,623.01	1/2	3,256.66	1/2	2,890.28	1/2	2,523.69	1/2	2,157.09	1/2	2,157.09
3/4	5,077.46	3/4	4,713.28	3/4	4,348.06	3/4	3,981.72	3/4	3,615.37	3/4	3,249.03	3/4	2,882.65	3/4	2,516.05	3/4	2,149.46	3/4	2,149.46
5	5,069.87	5	4,705.69	5	4,340.43	5	3,974.09	5	3,607.74	5	3,241.40	5	2,875.01	5	2,508.41	5	2,141.82	5	2,141.82
1/4	5,062.28	1/4	4,698.11	1/4	4,332.80	1/4	3,966.45	1/4	3,600.11	1/4	3,233.76	1/4	2,867.37	1/4	2,500.78	1/4	2,134.18	1/4	2,134.18
1/2	5,054.70	1/2	4,690.52	1/2	4,325.17	1/2	3,958.82	1/2	3,592.48	1/2	3,226.13	1/2	2,859.73	1/2	2,493.14	1/2	2,126.54	1/2	2,126.54
3/4	5,047.11	3/4	4,682.93	3/4	4,317.54	3/4	3,951.19	3/4	3,584.84	3/4	3,218.50	3/4	2,851.20	3/4	2,485.50	3/4	2,118.91	3/4	2,118.91
6	5,039.52	6	4,675.35	6	4,309.90	6	3,943.56	6	3,577.21	6	3,210.87	6	2,844.46	6	2,477.86	6	2,111.27	6	2,111.27
1/4	5,031.93	1/4	4,667.76	1/4	4,302.27	1/4	3,935.93	1/4	3,569.58	1/4	3,203.23	1/4	2,836.82	1/4	2,470.23	1/4	2,103.63	1/4	2,103.63
1/2	5,024.35	1/2	4,660.17	1/2	4,294.64	1/2	3,928.29	1/2	3,561.95	1/2	3,195.60	1/2	2,829.18	1/2	2,462.59	1/2	2,095.99	1/2	2,095.99
3/4	5,016.76	3/4	4,652.58	3/4	4,287.01	3/4	3,920.66	3/4	3,554.32	3/4	3,187.97	3/4	2,821.55	3/4	2,454.95	3/4	2,088.36	3/4	2,088.36
7	5,009.17	7	4,645.00	7	4,279.38	7	3,913.03	7	3,546.68	7	3,180.34	7	2,813.91	7	2,447.31	7	2,080.72	7	2,080.72
1/4	5,001.59	1/4	4,637.41	1/4	4,271.74	1/4	3,905.40	1/4	3,539.05	1/4	3,172.71	1/4	2,806.27	1/4	2,439.68	1/4	2,073.08	1/4	2,073.08
1/2	4,994.00	1/2	4,629.82	1/2	4,264.11	1/2	3,897.77	1/2	3,531.42	1/2	3,165.07	1/2	2,798.63	1/2	2,432.04	1/2	2,065.44	1/2	2,065.44
3/4	4,986.41	3/4	4,622.24	3/4	4,256.48	3/4	3,890.13	3/4	3,523.79	3/4	3,157.44	3/4	2,791.00	3/4	2,424.40	3/4	2,057.81	3/4	2,057.81
8	4,978.83	8	4,614.65	8	4,248.85	8	3,882.50	8	3,516.16	8	3,149.81	8	2,783.36	8	2,416.76	8	2,050.17	8	2,050.17
1/4	4,971.24	1/4	4,607.06	1/4	4,241.21	1/4	3,874.87	1/4	3,508.52	1/4	3,142.18	1/4	2,775.72	1/4	2,409.13	1/4	2,042.53	1/4	2,042.53
1/2	4,963.65	1/2	4,599.48	1/2	4,233.58	1/2	3,867.24	1/2	3,500.89	1/2	3,134.55	1/2	2,768.09	1/2	2,401.49	1/2	2,034.89	1/2	2,034.89
3/4	4,956.06	3/4	4,591.89	3/4	4,225.95	3/4	3,859.60	3/4	3,493.26	3/4	3,126.91	3/4	2,760.45	3/4	2,393.85	3/4	2,027.26	3/4	2,027.26
9	4,948.48	9	4,584.30	9	4,218.32	9	3,851.97	9	3,485.63	9	3,119.28	9	2,752.81	9	2,386.22	9	2,019.62	9	2,019.62
1/4	4,940.89	1/4	4,576.71	1/4	4,210.69	1/4	3,844.34	1/4	3,477.99	1/4	3,111.65	1/4	2,745.17	1/4	2,378.58	1/4	2,011.98	1/4	2,011.98
1/2	4,933.30	1/2	4,569.13	1/2	4,203.05	1/2	3,836.71	1/2	3,470.36	1/2	3,104.02	1/2	2,737.54	1/2	2,370.94	1/2	2,004.35	1/2	2,004.35
3/4	4,925.72	3/4	4,561.54	3/4	4,195.42	3/4	3,829.08	3/4	3,462.73	3/4	3,096.38	3/4	2,729.90	3/4	2,363.30	3/4	1,996.71	3/4	1,996.71
10	4,918.13	10	4,553.95	10	4,187.79	10	3,821.44	10	3,455.10	10	3,088.75	10	2,722.26	10	2,355.67	10	1,989.07	10	1,989.07
1/4	4,910.54	1/4	4,546.37	1/4	4,180.16	1/4	3,813.81	1/4	3,447.47	1/4	3,081.12	1/4	2,714.62	1/4	2,348.03	1/4	1,981.43	1/4	1,981.43
1/2	4,902.96	1/2	4,538.78	1/2	4,172.52	1/2	3,806.18	1/2	3,439.83	1/2	3,073.49	1/2	2,706.99	1/2	2,340.39	1/2	1,973.80	1/2	1,973.80
3/4	4,895.37	3/4	4,531.19	3/4	4,164.89	3/4	3,798.55	3/4	3,432.20	3/4	3,065.86	3/4	2,699.35	3/4	2,332.75	3/4	1,966.16	3/4	1,966.16
11	4,887.78	11	4,523.61	11	4,157.26	11	3,790.91	11	3,424.57	11	3,058.22	11	2,691.71	11	2,325.12	11	1,958.52	11	1,958.52
1/4	4,880.19	1/4	4,515.97	1/4	4,149.63	1/4	3,783.28	1/4	3,416.94	1/4	3,050.59	1/4	2,684.07	1/4	2,317.48	1/4	1,950.88	1/4	1,950.88
1/2	4,872.61	1/2	4,508.34	1/2	4,142.00	1/2	3,775.65	1/2	3,409.30	1/2	3,042.96	1/2	2,676.44	1/2	2,309.84	1/2	1,943.25	1/2	1,943.25
3/4	4,865.02	3/4	4,500.71	3/4	4,134.36	3/4	3,768.02	3/4	3,401.67	3/4	3,035.33	3/4	2,668.80	3/4	2,302.20	3/4	1,935.61	3/4	1,935.61

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 10'-6" OFF CENTERLINE AND 44'-5" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06



Dick A. Ben



BARGE "RBT 312"

HULL NO. 4509

1 PORT

ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 1/2"

IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.
0	1,927.97	0	1,561.62	0	1,195.01	0	828.69	0	466.41	0	133.76	0		0		0		0	
1/4	1,920.33	1/4	1,553.98	1/4	1,187.38	1/4	821.06	1/4	459.24	1/4	127.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,912.70	1/2	1,546.34	1/2	1,179.74	1/2	813.43	1/2	452.08	1/2	121.52	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,905.06	3/4	1,538.71	3/4	1,172.11	3/4	805.80	3/4	444.91	3/4	115.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,897.42	1	1,531.07	1	1,164.47	1	798.17	1	437.75	1	109.28	1	1	1	1	1	1	1	1
1/4	1,889.78	1/4	1,523.43	1/4	1,156.84	1/4	790.53	1/4	430.67	1/4	103.24	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,882.15	1/2	1,515.79	1/2	1,149.21	1/2	782.90	1/2	423.59	1/2	97.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,874.51	3/4	1,508.16	3/4	1,141.58	3/4	775.26	3/4	416.51	3/4	91.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,866.87	2	1,500.52	2	1,133.94	2	767.63	2	409.44	2	85.14	2	2	2	2	2	2	2	2
1/4	1,859.24	1/4	1,492.88	1/4	1,126.31	1/4	759.99	1/4	402.16	1/4	79.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,851.61	1/2	1,485.24	1/2	1,118.68	1/2	752.36	1/2	394.88	1/2	73.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,843.98	3/4	1,477.61	3/4	1,111.05	3/4	744.72	3/4	387.60	3/4	67.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,836.34	3	1,469.97	3	1,103.42	3	737.09	3	380.32	3	61.35	3	3	3	3	3	3	3	3
1/4	1,828.71	1/4	1,462.33	1/4	1,095.79	1/4	729.45	1/4	373.07	1/4	55.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,821.08	1/2	1,454.69	1/2	1,088.15	1/2	721.81	1/2	365.83	1/2	49.52	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,813.45	3/4	1,447.06	3/4	1,080.52	3/4	714.17	3/4	358.58	3/4	43.61	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,805.81	4	1,439.42	4	1,072.89	4	706.54	4	351.33	4	37.69	4	4	4	4	4	4	4	4
1/4	1,798.18	1/4	1,431.78	1/4	1,065.26	1/4	698.90	1/4	344.17	1/4	32.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,790.55	1/2	1,424.14	1/2	1,057.63	1/2	691.26	1/2	337.01	1/2	27.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,782.92	3/4	1,416.50	3/4	1,050.00	3/4	683.62	3/4	329.85	3/4	22.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,775.29	5	1,408.87	5	1,042.36	5	675.98	5	322.69	5	17.16	5	5	5	5	5	5	5	5
1/4	1,767.67	1/4	1,401.23	1/4	1,034.73	1/4	668.35	1/4	315.62	1/4	14.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,760.05	1/2	1,393.59	1/2	1,027.10	1/2	660.71	1/2	308.55	1/2	11.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,752.43	3/4	1,385.95	3/4	1,019.47	3/4	653.07	3/4	301.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,744.82	6	1,378.32	6	1,011.84	6	645.43	6	294.40	6		6	6	6	6	6	6	6	6
1/4	1,737.20	1/4	1,370.68	1/4	1,004.21	1/4	637.79	1/4	287.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,729.58	1/2	1,363.04	1/2	996.58	1/2	630.16	1/2	280.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,721.97	3/4	1,355.40	3/4	988.94	3/4	622.52	3/4	273.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,714.35	7	1,347.76	7	981.31	7	614.88	7	266.46	7		7	7	7	7	7	7	7	7
1/4	1,706.72	1/4	1,340.13	1/4	973.68	1/4	607.24	1/4	259.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,699.09	1/2	1,332.49	1/2	966.05	1/2	599.60	1/2	252.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,691.45	3/4	1,324.85	3/4	958.42	3/4	591.97	3/4	245.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,683.82	8	1,317.21	8	950.79	8	584.33	8	238.86	8		8	8	8	8	8	8	8	8
1/4	1,676.18	1/4	1,309.57	1/4	943.15	1/4	576.69	1/4	232.05	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,668.55	1/2	1,301.94	1/2	935.52	1/2	569.05	1/2	225.24	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,660.91	3/4	1,294.30	3/4	927.89	3/4	561.41	3/4	218.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,653.27	9	1,286.66	9	920.26	9	553.78	9	211.62	9		9	9	9	9	9	9	9	9
1/4	1,645.63	1/4	1,279.02	1/4	912.63	1/4	546.48	1/4	204.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,638.00	1/2	1,271.38	1/2	905.00	1/2	539.19	1/2	198.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,630.36	3/4	1,263.75	3/4	897.37	3/4	531.89	3/4	191.60	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,622.72	10	1,256.11	10	889.74	10	524.60	10	184.93	10		10	10	10	10	10	10	10	10
1/4	1,615.08	1/4	1,248.47	1/4	882.11	1/4	517.30	1/4	178.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,607.44	1/2	1,240.83	1/2	874.47	1/2	510.00	1/2	171.76	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,599.81	3/4	1,233.19	3/4	866.84	3/4	502.71	3/4	165.18	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,592.17	11	1,225.56	11	859.21	11	495.41	11	158.60	11		11	11	11	11	11	11	11	11
1/4	1,584.53	1/4	1,217.92	1/4	851.58	1/4	488.16	1/4	152.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,576.89	1/2	1,210.28	1/2	843.95	1/2	480.91	1/2	146.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,569.26	3/4	1,202.65	3/4	836.32	3/4	473.66	3/4	139.97	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06



Dick A. Ben



BARGE "RBT 312"

HULL NO. 4509

1 STBD

ULLAGE TABLE

GAUGE HEIGHT: 16'-5 5/8"

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.
0	0	5,223.02	0	4,859.08	0	4,494.92	0	4,128.75	0	3,762.57	0	3,396.40	0	3,030.23	0	2,663.87	0	2,297.45	
1/4	1/4	5,215.44	1/4	4,851.50	1/4	4,487.29	1/4	4,121.12	1/4	3,754.95	1/4	3,388.77	1/4	3,022.60	1/4	2,656.24	1/4	2,289.81	
1/2	1/2	5,207.86	1/2	4,843.91	1/2	4,479.66	1/2	4,113.49	1/2	3,747.32	1/2	3,381.14	1/2	3,014.97	1/2	2,648.60	1/2	2,282.18	
3/4	3/4	5,200.28	3/4	4,836.33	3/4	4,472.03	3/4	4,105.86	3/4	3,739.69	3/4	3,373.52	3/4	3,007.34	3/4	2,640.97	3/4	2,274.55	
1	1	5,192.71	1	4,828.75	1	4,464.40	1	4,098.23	1	3,732.06	1	3,365.89	1	2,999.71	1	2,633.34	1	2,266.91	
1/4	1/4	5,185.13	1/4	4,821.16	1/4	4,456.78	1/4	4,090.60	1/4	3,724.43	1/4	3,358.26	1/4	2,992.09	1/4	2,625.28	1/4	2,259.28	
1/2	1/2	5,177.55	1/2	4,813.58	1/2	4,449.15	1/2	4,082.97	1/2	3,716.80	1/2	3,350.63	1/2	2,984.46	1/2	2,618.07	1/2	2,251.65	
3/4	3/4	5,169.97	3/4	4,806.00	3/4	4,441.52	3/4	4,075.35	3/4	3,709.17	3/4	3,343.00	3/4	2,976.83	3/4	2,610.43	3/4	2,244.01	
2	2	5,162.39	2	4,798.41	2	4,433.89	2	4,067.72	2	3,701.54	2	3,335.37	2	2,969.20	2	2,602.80	2	2,236.38	
1/4	1/4	5,154.82	1/4	4,790.83	1/4	4,426.26	1/4	4,060.09	1/4	3,693.92	1/4	3,327.74	1/4	2,961.57	1/4	2,595.17	1/4	2,228.74	
1/2	1/2	5,147.24	1/2	4,783.25	1/2	4,418.63	1/2	4,052.46	1/2	3,686.29	1/2	3,320.11	1/2	2,953.94	1/2	2,587.53	1/2	2,221.11	
3/4	3/4	5,139.66	3/4	4,775.66	3/4	4,411.00	3/4	4,044.83	3/4	3,678.66	3/4	3,312.49	3/4	2,946.31	3/4	2,579.90	3/4	2,213.48	
3	3	5,132.08	3	4,768.08	3	4,403.38	3	4,037.20	3	3,671.03	3	3,304.86	3	2,938.68	3	2,572.27	3	2,205.84	
1/4	1/4	5,124.50	1/4	4,760.50	1/4	4,395.75	1/4	4,029.57	1/4	3,663.40	1/4	3,297.23	1/4	2,931.05	1/4	2,564.63	1/4	2,198.21	
1/2	1/2	5,116.92	1/2	4,752.91	1/2	4,388.12	1/2	4,021.95	1/2	3,655.77	1/2	3,289.60	1/2	2,923.42	1/2	2,557.00	1/2	2,190.58	
3/4	3/4	5,109.33	3/4	4,745.33	3/4	4,380.49	3/4	4,014.32	3/4	3,648.14	3/4	3,281.97	3/4	2,915.79	3/4	2,549.36	3/4	2,182.94	
4	4	5,101.75	4	4,737.75	4	4,372.86	4	4,006.69	4	3,640.52	4	3,274.34	4	2,908.15	4	2,541.73	4	2,175.31	
1/4	1/4	5,094.17	1/4	4,730.16	1/4	4,365.23	1/4	3,999.06	1/4	3,632.89	1/4	3,266.71	1/4	2,900.52	1/4	2,534.10	1/4	2,167.67	
1/2	1/2	5,086.58	1/2	4,722.58	1/2	4,357.60	1/2	3,991.43	1/2	3,625.26	1/2	3,259.09	1/2	2,892.88	1/2	2,526.46	1/2	2,160.04	
3/4	3/4	5,079.00	3/4	4,715.00	3/4	4,349.98	3/4	3,983.80	3/4	3,617.63	3/4	3,251.46	3/4	2,885.25	3/4	2,518.83	3/4	2,152.41	
5	5	5,071.42	5	4,707.41	5	4,342.35	5	3,976.17	5	3,610.00	5	3,243.83	5	2,877.62	5	2,511.19	5	2,144.77	
1/4	1/4	5,063.83	1/4	4,699.83	1/4	4,334.72	1/4	3,968.55	1/4	3,602.37	1/4	3,236.20	1/4	2,869.98	1/4	2,503.56	1/4	2,137.14	
1/2	1/2	5,056.25	1/2	4,692.25	1/2	4,327.09	1/2	3,960.92	1/2	3,594.74	1/2	3,228.57	1/2	2,862.35	1/2	2,495.93	1/2	2,129.50	
3/4	3/4	5,048.67	3/4	4,684.66	3/4	4,319.46	3/4	3,953.29	3/4	3,587.12	3/4	3,220.94	3/4	2,854.72	3/4	2,488.29	3/4	2,121.87	
6	6	5,041.08	6	4,677.08	6	4,311.83	6	3,945.66	6	3,579.49	6	3,213.31	6	2,847.08	6	2,480.66	6	2,114.24	
1/4	1/4	5,033.50	1/4	4,669.50	1/4	4,304.20	1/4	3,938.03	1/4	3,571.86	1/4	3,205.69	1/4	2,839.45	1/4	2,473.03	1/4	2,106.60	
5/8	5/8	5,025.92	1/2	4,661.91	1/2	4,296.58	1/2	3,930.40	1/2	3,564.23	1/2	3,198.06	1/2	2,831.81	1/2	2,465.39	1/2	2,098.97	
3/4	3/4	5,018.33	3/4	4,654.33	3/4	4,288.95	3/4	3,922.77	3/4	3,556.60	3/4	3,190.43	3/4	2,824.18	3/4	2,457.76	3/4	2,091.34	
7	7	5,010.75	7	4,646.75	7	4,281.32	7	3,915.15	7	3,548.97	7	3,182.80	7	2,816.55	7	2,450.12	7	2,083.70	
1/4	1/4	5,003.17	1/4	4,639.16	1/4	4,273.69	1/4	3,907.52	1/4	3,541.34	1/4	3,175.17	1/4	2,808.91	1/4	2,442.49	1/4	2,076.07	
1/2	1/2	4,995.58	1/2	4,631.58	1/2	4,266.06	1/2	3,899.89	1/2	3,533.72	1/2	3,167.54	1/2	2,801.28	1/2	2,434.86	1/2	2,068.43	
3/4	3/4	4,988.00	3/4	4,624.00	3/4	4,258.43	3/4	3,892.26	3/4	3,526.09	3/4	3,159.91	3/4	2,793.65	3/4	2,427.22	3/4	2,060.80	
8	8	4,980.42	8	4,616.41	8	4,250.80	8	3,884.63	8	3,518.46	8	3,152.29	8	2,786.01	8	2,419.59	8	2,053.17	
1/4	1/4	4,972.83	1/4	4,608.83	1/4	4,243.18	1/4	3,877.00	1/4	3,510.83	1/4	3,144.66	1/4	2,778.38	1/4	2,411.96	1/4	2,045.53	
1/2	1/2	4,965.25	1/2	4,601.25	1/2	4,235.55	1/2	3,869.37	1/2	3,503.20	1/2	3,137.03	1/2	2,770.74	1/2	2,404.32	1/2	2,037.90	
3/4	3/4	4,957.66	3/4	4,593.66	3/4	4,227.92	3/4	3,861.75	3/4	3,495.57	3/4	3,129.40	3/4	2,763.11	3/4	2,396.69	3/4	2,030.27	
9	9	4,950.08	9	4,586.08	9	4,220.29	9	3,854.12	9	3,487.94	9	3,121.77	9	2,755.48	9	2,389.05	9	2,022.63	
1/4	1/4	4,942.50	1/4	4,578.49	1/4	4,212.66	1/4	3,846.49	1/4	3,480.32	1/4	3,114.14	1/4	2,747.84	1/4	2,381.42	1/4	2,015.00	
1/2	1/2	4,934.91	1/2	4,570.91	1/2	4,205.03	1/2	3,838.86	1/2	3,472.69	1/2	3,106.51	1/2	2,740.21	1/2	2,373.79	1/2	2,007.36	
3/4	3/4	4,927.33	3/4	4,563.33	3/4	4,197.40	3/4	3,831.23	3/4	3,465.06	3/4	3,098.89	3/4	2,732.57	3/4	2,366.15	3/4	1,999.73	
10	10	4,919.75	10	4,555.74	10	4,189.78	10	3,823.60	10	3,457.43	10	3,091.26	10	2,724.94	10	2,358.52	10	1,992.10	
1/4	1/4	4,912.16	1/4	4,548.16	1/4	4,182.15	1/4	3,815.97	1/4	3,449.80	1/4	3,083.63	1/4	2,717.31	1/4	2,350.88	1/4	1,984.46	
1/2	1/2	4,904.58	1/2	4,540.58	1/2	4,174.52	1/2	3,808.35	1/2	3,442.17	1/2	3,076.00	1/2	2,709.67	1/2	2,343.25	1/2	1,976.83	
3/4	3/4	4,897.00	3/4	4,532.99	3/4	4,166.89	3/4	3,800.72	3/4	3,434.54	3/4	3,068.37	3/4	2,702.04	3/4	2,335.62	3/4	1,969.19	
11	11	4,889.41	11	4,525.41	11	4,159.26	11	3,793.09	11	3,426.92	11	3,060.74	11	2,694.41	11	2,327.98	11	1,961.56	
1/4	1/4	4,881.83	1/4	4,517.81	1/4	4,151.63	1/4	3,785.46	1/4	3,419.29	1/4	3,053.11	1/4	2,686.77	1/4	2,320.35	1/4	1,953.93	
1/2	1/2	4,874.25	1/2	4,510.18	1/2	4,144.00	1/2	3,777.83	1/2	3,411.66	1/2	3,045.49	1/2	2,679.14	1/2	2,312.72	1/2	1,946.29	
3/4	3/4	4,866.66	3/4	4,502.55	3/4	4,136.38	3/4	3,770.20	3/4	3,404.03	3/4	3,037.86	3/4	2,671.50	3/4	2,305.08	3/4	1,938.66	

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 11'-0" OFF CENTERLINE AND 44'-5" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06

Dale A. Brown

BARGE "RBT 312"

HULL NO. 4509

1 STBD
ULLAGE TABLE

GAUGE HEIGHT: 16'-5 5/8"

IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.
0	1,931.03	0	1,564.85	0	1,198.40	0	832.14	0	469.81	0	136.80	0		0		0		0	
1/4	1,923.39	1/4	1,557.21	1/4	1,190.77	1/4	824.51	1/4	462.60	1/4	130.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,915.76	1/2	1,549.58	1/2	1,183.13	1/2	816.88	1/2	455.44	1/2	124.52	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,908.12	3/4	1,541.94	3/4	1,175.50	3/4	809.25	3/4	448.28	3/4	118.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,900.49	1	1,534.31	1	1,167.87	1	801.62	1	441.12	1	112.28	1	1	1	1	1	1	1	1
1/4	1,892.86	1/4	1,526.68	1/4	1,160.23	1/4	793.99	1/4	434.00	1/4	106.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,885.22	1/2	1,519.04	1/2	1,152.60	1/2	786.35	1/2	426.93	1/2	100.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,877.59	3/4	1,511.41	3/4	1,144.97	3/4	778.72	3/4	419.85	3/4	94.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,869.96	2	1,503.77	2	1,137.34	2	771.08	2	412.78	2	88.12	2	2	2	2	2	2	2	2
1/4	1,862.32	1/4	1,496.14	1/4	1,129.71	1/4	763.45	1/4	405.60	1/4	82.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,854.70	1/2	1,488.51	1/2	1,122.08	1/2	755.82	1/2	398.33	1/2	76.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,847.07	3/4	1,480.87	3/4	1,114.45	3/4	748.18	3/4	391.05	3/4	70.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,839.44	3	1,473.24	3	1,106.82	3	740.55	3	383.77	3	64.30	3	3	3	3	3	3	3	3
1/4	1,831.81	1/4	1,465.60	1/4	1,099.19	1/4	732.92	1/4	376.51	1/4	58.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,824.18	1/2	1,457.97	1/2	1,091.56	1/2	725.28	1/2	369.27	1/2	52.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,816.55	3/4	1,450.34	3/4	1,083.93	3/4	717.65	3/4	362.03	3/4	46.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,808.92	4	1,442.70	4	1,076.30	4	710.01	4	354.78	4	40.63	4	4	4	4	4	4	4	4
1/4	1,801.30	1/4	1,435.07	1/4	1,068.67	1/4	702.38	1/4	347.58	1/4	35.11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,793.67	1/2	1,427.43	1/2	1,061.04	1/2	694.74	1/2	340.43	1/2	29.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,786.04	3/4	1,419.80	3/4	1,053.41	3/4	687.11	3/4	333.27	3/4	24.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,778.41	5	1,412.17	5	1,045.78	5	679.48	5	326.12	5	19.72	5	5	5	5	5	5	5	5
1/4	1,770.79	1/4	1,404.53	1/4	1,038.15	1/4	671.84	1/4	319.00	1/4	15.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,763.18	1/2	1,396.90	1/2	1,030.52	1/2	664.21	1/2	311.93	1/2	12.54	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,755.56	3/4	1,389.26	3/4	1,022.89	3/4	656.57	3/4	304.86	3/4	11.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,747.95	6	1,381.63	6	1,015.26	6	648.94	6	297.79	6		6	6	6	6	6	6	6	6
1/4	1,740.34	1/4	1,373.99	1/4	1,007.63	1/4	641.30	1/4	290.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,732.72	1/2	1,366.36	1/2	1,000.00	1/2	633.67	1/2	283.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,725.11	3/4	1,358.73	3/4	992.36	3/4	626.03	3/4	276.80	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,717.49	7	1,351.09	7	984.73	7	618.40	7	269.82	7		7	7	7	7	7	7	7	7
1/4	1,709.87	1/4	1,343.46	1/4	977.10	1/4	610.77	1/4	262.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,702.25	1/2	1,335.82	1/2	969.47	1/2	603.13	1/2	255.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,694.62	3/4	1,328.19	3/4	961.84	3/4	595.50	3/4	249.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,686.99	8	1,320.55	8	954.21	8	587.86	8	242.20	8		8	8	8	8	8	8	8	8
1/4	1,679.36	1/4	1,312.92	1/4	946.58	1/4	580.23	1/4	235.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,671.72	1/2	1,305.29	1/2	938.95	1/2	572.59	1/2	228.53	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,664.09	3/4	1,297.65	3/4	931.32	3/4	564.96	3/4	221.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,656.45	9	1,290.02	9	923.69	9	557.33	9	214.92	9		9	9	9	9	9	9	9	9
1/4	1,648.82	1/4	1,282.38	1/4	916.06	1/4	549.86	1/4	208.18	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,641.19	1/2	1,274.75	1/2	908.43	1/2	542.57	1/2	201.51	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,633.55	3/4	1,267.11	3/4	900.80	3/4	535.28	3/4	194.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,625.92	10	1,259.48	10	893.17	10	527.99	10	188.18	10		10	10	10	10	10	10	10	10
1/4	1,618.28	1/4	1,251.84	1/4	885.54	1/4	520.70	1/4	181.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,610.65	1/2	1,244.21	1/2	877.91	1/2	513.40	1/2	174.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,603.02	3/4	1,236.58	3/4	870.28	3/4	506.11	3/4	168.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,595.38	11	1,228.94	11	862.65	11	498.82	11	161.81	11		11	11	11	11	11	11	11	11
1/4	1,587.75	1/4	1,221.31	1/4	855.02	1/4	491.55	1/4	155.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,580.11	1/2	1,213.67	1/2	847.39	1/2	484.30	1/2	149.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,572.48	3/4	1,206.04	3/4	839.77	3/4	477.05	3/4	143.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06



Dick & Bow



BARGE "RBT 312"

HULL NO. 4509

2 PORT

ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 3/4"

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.
0	4,956.12	0	4,614.86	0	4,273.37	0	3,929.90	0	3,586.42	0	3,242.94	0	2,899.46	0	2,555.80	0	2,212.07	0	1,868.21
1/4	4,949.02	1/4	4,607.75	1/4	4,266.22	1/4	3,922.74	1/4	3,579.26	1/4	3,235.78	1/4	2,892.30	1/4	2,548.64	1/4	2,204.91	1/4	1,861.11
1/2	4,941.91	1/2	4,600.64	1/2	4,259.06	1/2	3,915.58	1/2	3,572.11	1/2	3,228.63	1/2	2,885.15	1/2	2,541.48	1/2	2,197.75	1/2	1,853.81
3/4	4,934.81	3/4	4,593.53	3/4	4,251.91	3/4	3,908.43	3/4	3,564.95	3/4	3,221.47	3/4	2,877.99	3/4	2,534.32	3/4	2,190.59	3/4	1,846.51
1	4,927.70	1	4,586.42	1	4,244.75	1	3,901.27	1	3,557.79	1	3,214.32	1	2,870.84	1	2,527.16	1	2,183.43	1	1,838.99
1/4	4,920.60	1/4	4,579.31	1/4	4,237.60	1/4	3,894.12	1/4	3,550.64	1/4	3,207.16	1/4	2,863.68	1/4	2,520.00	1/4	2,176.27	1/4	1,832.07
1/2	4,913.50	1/2	4,572.19	1/2	4,230.44	1/2	3,886.96	1/2	3,543.48	1/2	3,200.00	1/2	2,856.53	1/2	2,512.83	1/2	2,169.11	1/2	1,825.15
3/4	4,906.39	3/4	4,565.08	3/4	4,223.28	3/4	3,879.81	3/4	3,536.33	3/4	3,192.85	3/4	2,849.37	3/4	2,505.67	3/4	2,161.95	3/4	1,818.21
2	4,899.29	2	4,557.97	2	4,216.13	2	3,872.65	2	3,529.17	2	3,185.69	2	2,842.21	2	2,498.51	2	2,154.78	2	1,811.27
1/4	4,892.18	1/4	4,550.86	1/4	4,208.97	1/4	3,865.49	1/4	3,522.02	1/4	3,178.54	1/4	2,835.06	1/4	2,491.35	1/4	2,147.62	1/4	1,804.33
1/2	4,885.08	1/2	4,543.75	1/2	4,201.82	1/2	3,858.34	1/2	3,514.86	1/2	3,171.38	1/2	2,827.90	1/2	2,484.19	1/2	2,140.46	1/2	1,797.39
3/4	4,877.98	3/4	4,536.64	3/4	4,194.66	3/4	3,851.18	3/4	3,507.70	3/4	3,164.23	3/4	2,820.75	3/4	2,477.03	3/4	2,133.30	3/4	1,790.25
3	4,870.87	3	4,529.52	3	4,187.50	3	3,844.03	3	3,500.55	3	3,157.07	3	2,813.59	3	2,469.87	3	2,126.14	3	1,783.11
1/4	4,863.77	1/4	4,522.41	1/4	4,180.35	1/4	3,836.87	1/4	3,493.39	1/4	3,149.91	1/4	2,806.44	1/4	2,462.71	1/4	2,118.98	1/4	1,776.07
1/2	4,856.66	1/2	4,515.30	1/2	4,173.19	1/2	3,829.71	1/2	3,486.24	1/2	3,142.76	1/2	2,799.27	1/2	2,455.55	1/2	2,111.82	1/2	1,769.11
3/4	4,849.55	3/4	4,508.19	3/4	4,166.04	3/4	3,822.56	3/4	3,479.08	3/4	3,135.60	3/4	2,792.11	3/4	2,448.39	3/4	2,104.66	3/4	1,762.21
4	4,842.43	4	4,501.08	4	4,158.88	4	3,815.40	4	3,471.92	4	3,128.45	4	2,784.95	4	2,441.22	4	2,097.50	4	1,755.27
1/4	4,835.32	1/4	4,493.97	1/4	4,151.73	1/4	3,808.25	1/4	3,464.77	1/4	3,121.29	1/4	2,777.79	1/4	2,434.06	1/4	2,090.34	1/4	1,748.33
1/2	4,828.21	1/2	4,486.85	1/2	4,144.57	1/2	3,801.09	1/2	3,457.61	1/2	3,114.13	1/2	2,770.63	1/2	2,426.90	1/2	2,083.17	1/2	1,741.41
3/4	4,821.10	3/4	4,479.74	3/4	4,137.41	3/4	3,793.94	3/4	3,450.46	3/4	3,106.98	3/4	2,763.47	3/4	2,419.74	3/4	2,076.01	3/4	1,734.48
5	4,813.99	5	4,472.63	5	4,130.26	5	3,786.78	5	3,443.30	5	3,099.82	5	2,756.31	5	2,412.58	5	2,068.85	5	1,727.55
1/4	4,806.88	1/4	4,465.52	1/4	4,123.10	1/4	3,779.62	1/4	3,436.15	1/4	3,092.67	1/4	2,749.15	1/4	2,405.42	1/4	2,061.69	1/4	1,720.62
1/2	4,799.77	1/2	4,458.41	1/2	4,115.95	1/2	3,772.47	1/2	3,428.99	1/2	3,085.51	1/2	2,741.99	1/2	2,398.26	1/2	2,054.53	1/2	1,713.69
3/4	4,792.65	3/4	4,451.30	3/4	4,108.79	3/4	3,765.31	3/4	3,421.83	3/4	3,078.36	3/4	2,734.83	3/4	2,391.10	3/4	2,047.37	3/4	1,706.76
6	4,785.54	6	4,444.19	6	4,101.63	6	3,758.16	6	3,414.68	6	3,071.20	6	2,727.66	6	2,383.94	6	2,040.21	6	1,700.00
1/4	4,778.43	1/4	4,437.07	1/4	4,094.48	1/4	3,751.00	1/4	3,407.52	1/4	3,064.04	1/4	2,720.50	1/4	2,376.78	1/4	2,033.05	1/4	1,693.11
1/2	4,771.32	1/2	4,429.96	1/2	4,087.32	1/2	3,743.84	1/2	3,400.37	1/2	3,056.89	1/2	2,713.34	1/2	2,369.61	1/2	2,025.89	1/2	1,686.27
3/4	4,764.21	3/4	4,422.85	3/4	4,080.17	3/4	3,736.69	3/4	3,393.21	3/4	3,049.73	3/4	2,706.18	3/4	2,362.45	3/4	2,018.73	3/4	1,679.34
7	4,757.10	7	4,415.74	7	4,073.01	7	3,729.53	7	3,386.05	7	3,042.58	7	2,699.02	7	2,355.29	7	2,011.56	7	1,672.41
1/4	4,750.00	1/4	4,408.61	1/4	4,065.86	1/4	3,722.38	1/4	3,378.90	1/4	3,035.42	1/4	2,691.86	1/4	2,348.13	1/4	2,004.40	1/4	1,665.48
1/2	4,742.87	1/2	4,401.52	1/2	4,058.70	1/2	3,715.22	1/2	3,371.74	1/2	3,028.26	1/2	2,684.70	1/2	2,340.97	1/2	1,997.24	1/2	1,658.55
3/4	4,735.76	3/4	4,394.40	3/4	4,051.54	3/4	3,708.07	3/4	3,364.59	3/4	3,021.11	3/4	2,677.54	3/4	2,333.81	3/4	1,990.08	3/4	1,651.62
8	4,728.65	8	4,387.29	8	4,044.39	8	3,700.91	8	3,357.43	8	3,013.95	8	2,670.38	8	2,326.65	8	1,982.92	8	1,644.69
1/4	4,721.54	1/4	4,380.18	1/4	4,037.23	1/4	3,693.75	1/4	3,350.28	1/4	3,006.80	1/4	2,663.22	1/4	2,319.49	1/4	1,975.76	1/4	1,637.76
1/2	4,714.43	1/2	4,373.07	1/2	4,030.08	1/2	3,686.60	1/2	3,343.12	1/2	2,999.64	1/2	2,656.05	1/2	2,312.33	1/2	1,968.60	1/2	1,630.83
3/4	4,707.31	3/4	4,365.96	3/4	4,022.92	3/4	3,679.44	3/4	3,335.96	3/4	2,992.49	3/4	2,648.89	3/4	2,305.17	3/4	1,961.44	3/4	1,623.90
9	4,700.20	9	4,358.85	9	4,015.77	9	3,672.29	9	3,328.81	9	2,985.33	9	2,641.73	9	2,298.00	9	1,954.28	9	1,616.97
1/4	4,693.09	1/4	4,351.73	1/4	4,008.61	1/4	3,665.13	1/4	3,321.65	1/4	2,978.17	1/4	2,634.57	1/4	2,290.84	1/4	1,947.12	1/4	1,610.04
1/2	4,685.98	1/2	4,344.62	1/2	4,001.45	1/2	3,657.98	1/2	3,314.50	1/2	2,971.02	1/2	2,627.41	1/2	2,283.68	1/2	1,939.95	1/2	1,603.11
3/4	4,678.87	3/4	4,337.51	3/4	3,994.30	3/4	3,650.82	3/4	3,307.34	3/4	2,963.86	3/4	2,620.25	3/4	2,276.52	3/4	1,932.79	3/4	1,596.18
10	4,671.76	10	4,330.40	10	3,987.14	10	3,643.66	10	3,300.19	10	2,956.71	10	2,613.09	10	2,269.36	10	1,925.63	10	1,589.25
1/4	4,664.64	1/4	4,323.29	1/4	3,979.99	1/4	3,636.51	1/4	3,293.03	1/4	2,949.55	1/4	2,605.93	1/4	2,262.20	1/4	1,918.47	1/4	1,582.32
1/2	4,657.53	1/2	4,316.18	1/2	3,972.83	1/2	3,629.35	1/2	3,285.87	1/2	2,942.40	1/2	2,598.77	1/2	2,255.04	1/2	1,911.31	1/2	1,575.39
3/4	4,650.42	3/4	4,309.06	3/4	3,965.67	3/4	3,622.20	3/4	3,278.72	3/4	2,935.24	3/4	2,591.61	3/4	2,247.88	3/4	1,904.15	3/4	1,568.46
11	4,643.31	11	4,301.95	11	3,958.52	11	3,615.04	11	3,271.56	11	2,928.08	11	2,584.44	11	2,240.72	11	1,896.99	11	1,561.53
1/4	4,636.20	1/4	4,294.84	1/4	3,951.36	1/4	3,607.88	1/4	3,264.41	1/4	2,920.93	1/4	2,577.28	1/4	2,233.56	1/4	1,889.83	1/4	1,554.60
1/2	4,629.09	1/2	4,287.69	1/2	3,944.21	1/2	3,600.73	1/2	3,257.25	1/2	2,913.77	1/2	2,570.12	1/2	2,226.39	1/2	1,882.67	1/2	1,547.67
3/4	4,621.98	3/4	4,280.53	3/4	3,937.05	3/4	3,593.57	3/4	3,250.09	3/4	2,906.62	3/4	2,562.96	3/4	2,219.23	3/4	1,875.51	3/4	1,540.74

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 10" 5" OFF CENTERLINE AND 43'- 0" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06

Dick A. Rose

BARGE "RBT 312"

HULL NO. 4509

2 PORT

ULLAGE TABLE

GAUGE HEIGHT: 16'-5 3/4"

IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.
0	1,868.34	0	1,525.37	0	1,181.69	0	839.12	0	499.27	0	160.10	0		0		0		0	
1/4	1,861.18	1/4	1,518.21	1/4	1,174.55	1/4	831.98	1/4	492.44	1/4	153.26	1/4		1/4		1/4		1/4	
1/2	1,854.02	1/2	1,511.05	1/2	1,167.41	1/2	824.84	1/2	485.60	1/2	146.43	1/2		1/2		1/2		1/2	
3/4	1,846.86	3/4	1,503.89	3/4	1,160.27	3/4	817.71	3/4	478.77	3/4	139.60	3/4		3/4		3/4		3/4	
1	1,839.70	1	1,496.73	1	1,153.13	1	810.57	1	471.93	1	132.76	1		1		1		1	
1/4	1,832.54	1/4	1,489.57	1/4	1,145.99	1/4	803.44	1/4	465.10	1/4	125.93	1/4		1/4		1/4		1/4	
1/2	1,825.38	1/2	1,482.41	1/2	1,138.85	1/2	796.30	1/2	458.27	1/2	119.09	1/2		1/2		1/2		1/2	
3/4	1,818.22	3/4	1,475.24	3/4	1,131.72	3/4	789.16	3/4	451.43	3/4	112.26	3/4		3/4		3/4		3/4	
2	1,811.06	2	1,468.08	2	1,124.58	2	782.02	2	444.60	2	105.43	2		2		2		2	
1/4	1,803.90	1/4	1,460.92	1/4	1,117.44	1/4	774.88	1/4	437.76	1/4	98.59	1/4		1/4		1/4		1/4	
1/2	1,796.76	1/2	1,453.76	1/2	1,110.31	1/2	767.74	1/2	430.66	1/2	91.76	1/2		1/2		1/2		1/2	
3/4	1,789.63	3/4	1,446.60	3/4	1,103.17	3/4	760.60	3/4	423.55	3/4	84.92	3/4		3/4		3/4		3/4	
3	1,782.49	3	1,439.44	3	1,096.03	3	753.46	3	416.44	3	78.09	3		3		3		3	
1/4	1,775.36	1/4	1,432.28	1/4	1,088.90	1/4	746.32	1/4	409.33	1/4	71.26	1/4		1/4		1/4		1/4	
1/2	1,768.22	1/2	1,425.12	1/2	1,081.76	1/2	739.16	1/2	402.17	1/2	64.37	1/2		1/2		1/2		1/2	
3/4	1,761.09	3/4	1,417.96	3/4	1,074.62	3/4	731.99	3/4	395.01	3/4	57.48	3/4		3/4		3/4		3/4	
4	1,753.95	4	1,410.80	4	1,067.49	4	724.83	4	387.85	4	50.59	4		4		4		4	
1/4	1,746.82	1/4	1,403.63	1/4	1,060.35	1/4	717.67	1/4	380.69	1/4	43.70	1/4		1/4		1/4		1/4	
1/2	1,739.68	1/2	1,396.47	1/2	1,053.21	1/2	710.51	1/2	373.53	1/2	37.74	1/2		1/2		1/2		1/2	
3/4	1,732.55	3/4	1,389.31	3/4	1,046.08	3/4	703.35	3/4	366.37	3/4	31.77	3/4		3/4		3/4		3/4	
5	1,725.41	5	1,382.15	5	1,038.94	5	696.19	5	359.20	5	25.80	5		5		5		5	
1/4	1,718.28	1/4	1,374.99	1/4	1,031.80	1/4	689.03	1/4	352.04	1/4	19.83	1/4		1/4		1/4		1/4	
1/2	1,711.16	1/2	1,367.83	1/2	1,024.66	1/2	681.86	1/2	344.88	1/2	16.25	1/2		1/2		1/2		1/2	
3/4	1,704.04	3/4	1,360.67	3/4	1,017.53	3/4	674.70	3/4	337.72	3/4	12.67	3/4		3/4		3/4		3/4	
6	1,696.92	6	1,353.51	6	1,010.39	6	667.54	6	330.56	6		6		6		6		6	
1/4	1,689.80	1/4	1,346.34	1/4	1,003.25	1/4	660.38	1/4	323.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,682.68	1/2	1,339.18	1/2	996.12	1/2	653.22	1/2	316.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,675.56	3/4	1,332.02	3/4	988.98	3/4	646.06	3/4	309.07	3/4		3/4		3/4		3/4		3/4	
7	1,668.44	7	1,324.86	7	981.84	7	638.90	7	301.91	7		7		7		7		7	
1/4	1,661.32	1/4	1,317.70	1/4	974.71	1/4	631.73	1/4	294.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,654.19	1/2	1,310.54	1/2	967.57	1/2	624.57	1/2	287.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,647.06	3/4	1,303.38	3/4	960.43	3/4	617.41	3/4	280.43	3/4		3/4		3/4		3/4		3/4	
8	1,639.92	8	1,296.21	8	953.30	8	610.25	8	273.27	8		8		8		8		8	
1/4	1,632.79	1/4	1,289.05	1/4	946.16	1/4	603.09	1/4	266.11	1/4		1/4		1/4		1/4		1/4	
1/2	1,625.63	1/2	1,281.89	1/2	939.02	1/2	595.93	1/2	258.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,618.46	3/4	1,274.73	3/4	931.89	3/4	588.77	3/4	251.78	3/4		3/4		3/4		3/4		3/4	
9	1,611.30	9	1,267.57	9	924.75	9	581.60	9	244.62	9		9		9		9		9	
1/4	1,604.14	1/4	1,260.41	1/4	917.61	1/4	574.44	1/4	237.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,596.98	1/2	1,253.25	1/2	910.48	1/2	567.61	1/2	230.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,589.82	3/4	1,246.09	3/4	903.34	3/4	560.78	3/4	223.25	3/4		3/4		3/4		3/4		3/4	
10	1,582.66	10	1,238.92	10	896.20	10	553.94	10	216.14	10		10		10		10		10	
1/4	1,575.50	1/4	1,231.76	1/4	889.07	1/4	547.11	1/4	209.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,568.34	1/2	1,224.60	1/2	881.93	1/2	540.27	1/2	201.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,561.18	3/4	1,217.44	3/4	874.80	3/4	533.44	3/4	194.82	3/4		3/4		3/4		3/4		3/4	
11	1,554.02	11	1,210.28	11	867.66	11	526.61	11	187.71	11		11		11		11		11	
1/4	1,546.85	1/4	1,203.12	1/4	860.52	1/4	519.77	1/4	180.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,539.69	1/2	1,195.98	1/2	853.39	1/2	512.94	1/2	173.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,532.53	3/4	1,188.84	3/4	846.25	3/4	506.10	3/4	166.93	3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06



Dick A. Ben



BARGE "RBT 312"

HULL NO. 4509

2 STBD

ULLAGE TABLE

GAUGE HEIGHT: 16'-5 1/2"

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.
0		0	4,954.50	0	4,612.95	0	4,271.12	0	3,927.36	0	3,583.59	0	3,239.83	0	2,896.06	0	2,552.11	0	2,208.09
1/4	1/4	1/4	4,947.39	1/4	4,605.83	1/4	4,263.96	1/4	3,920.20	1/4	3,576.43	1/4	3,232.66	1/4	2,888.90	1/4	2,544.94	1/4	2,200.92
1/2	1/2	1/2	4,940.28	1/2	4,598.71	1/2	4,256.80	1/2	3,913.03	1/2	3,571.47	1/2	3,225.50	1/2	2,881.74	1/2	2,537.77	1/2	2,193.76
3/4	3/4	3/4	4,933.17	3/4	4,591.59	3/4	4,249.64	3/4	3,905.87	3/4	3,562.11	3/4	3,218.34	3/4	2,874.57	3/4	2,530.60	3/4	2,186.59
1	1	1	4,926.06	1	4,584.48	1	4,242.48	1	3,898.71	1	3,554.94	1	3,211.18	1	2,867.41	1	2,523.44	1	2,179.42
1/4	1/4	1/4	4,918.95	1/4	4,577.36	1/4	4,235.32	1/4	3,891.55	1/4	3,547.78	1/4	3,204.02	1/4	2,860.25	1/4	2,516.27	1/4	2,172.25
1/2	1/2	1/2	4,911.84	1/2	4,570.24	1/2	4,228.15	1/2	3,884.39	1/2	3,540.62	1/2	3,196.85	1/2	2,853.09	1/2	2,509.10	1/2	2,165.09
3/4	3/4	3/4	4,904.73	3/4	4,563.12	3/4	4,220.99	3/4	3,877.23	3/4	3,533.46	3/4	3,189.69	3/4	2,845.93	3/4	2,501.94	3/4	2,157.92
2	2	2	4,897.62	2	4,556.01	2	4,213.83	2	3,870.06	2	3,526.30	2	3,182.53	2	2,838.76	2	2,494.77	2	2,150.75
1/4	1/4	1/4	4,890.51	1/4	4,548.89	1/4	4,206.67	1/4	3,862.90	1/4	3,519.14	1/4	3,175.37	1/4	2,831.60	1/4	2,487.60	1/4	2,143.59
1/2	1/2	1/2	4,883.40	1/2	4,541.77	1/2	4,199.51	1/2	3,855.74	1/2	3,511.97	1/2	3,168.21	1/2	2,824.44	1/2	2,480.44	1/2	2,136.42
3/4	3/4	3/4	4,876.29	3/4	4,534.65	3/4	4,192.35	3/4	3,848.58	3/4	3,504.81	3/4	3,161.05	3/4	2,817.28	3/4	2,473.27	3/4	2,129.25
3	3	3	4,869.18	3	4,527.54	3	4,185.18	3	3,841.42	3	3,497.65	3	3,153.88	3	2,810.12	3	2,466.10	3	2,122.09
1/4	1/4	1/4	4,862.06	1/4	4,520.42	1/4	4,178.02	1/4	3,834.26	1/4	3,490.49	1/4	3,146.72	1/4	2,802.95	1/4	2,458.93	1/4	2,114.92
1/2	1/2	1/2	4,854.94	1/2	4,513.30	1/2	4,170.86	1/2	3,827.09	1/2	3,483.33	1/2	3,139.56	1/2	2,795.78	1/2	2,451.77	1/2	2,107.75
3/4	3/4	3/4	4,847.83	3/4	4,506.18	3/4	4,163.70	3/4	3,819.93	3/4	3,476.17	3/4	3,132.40	3/4	2,788.62	3/4	2,444.60	3/4	2,100.58
4	4	4	4,840.71	4	4,499.06	4	4,156.54	4	3,812.77	4	3,469.00	4	3,125.24	4	2,781.45	4	2,437.43	4	2,093.42
1/4	1/4	1/4	4,833.59	1/4	4,491.95	1/4	4,149.37	1/4	3,805.61	1/4	3,461.84	1/4	3,118.08	1/4	2,774.28	1/4	2,430.27	1/4	2,086.25
1/2	1/2	1/2	4,826.47	1/2	4,484.83	1/2	4,142.21	1/2	3,798.45	1/2	3,454.68	1/2	3,110.91	1/2	2,767.12	1/2	2,423.10	1/2	2,079.08
3/4	3/4	3/4	4,819.36	3/4	4,477.71	3/4	4,135.05	3/4	3,791.28	3/4	3,447.52	3/4	3,103.75	3/4	2,759.95	3/4	2,415.93	3/4	2,071.92
5	5	5	4,812.24	5	4,470.59	5	4,127.89	5	3,784.12	5	3,440.36	5	3,096.59	5	2,752.78	5	2,408.77	5	2,064.75
1/4	1/4	1/4	4,805.12	1/4	4,463.48	1/4	4,120.73	1/4	3,776.96	1/4	3,433.19	1/4	3,089.43	1/4	2,745.61	1/4	2,401.60	1/4	2,057.58
1/2	1/2	1/2	4,798.00	1/2	4,456.36	1/2	4,113.57	1/2	3,769.80	1/2	3,426.03	1/2	3,082.27	1/2	2,738.45	1/2	2,394.43	1/2	2,050.42
3/4	3/4	3/4	4,790.89	3/4	4,449.24	3/4	4,106.40	3/4	3,762.64	3/4	3,418.87	3/4	3,075.10	3/4	2,731.28	3/4	2,387.26	3/4	2,043.25
6	6	6	4,783.77	6	4,442.12	6	4,099.24	6	3,755.48	6	3,411.71	6	3,067.94	6	2,724.11	6	2,380.10	6	2,036.08
1/4	1/4	1/4	4,776.65	1/4	4,435.01	1/4	4,092.08	1/4	3,748.31	1/4	3,404.55	1/4	3,060.78	1/4	2,716.95	1/4	2,372.93	1/4	2,028.91
1/2	1/2	1/2	4,769.53	1/2	4,427.89	1/2	4,084.92	1/2	3,741.15	1/2	3,397.39	1/2	3,053.62	1/2	2,709.78	1/2	2,365.76	1/2	2,021.75
3/4	3/4	3/4	4,762.42	3/4	4,420.77	3/4	4,077.76	3/4	3,733.99	3/4	3,390.22	3/4	3,046.46	3/4	2,702.61	3/4	2,358.60	3/4	2,014.58
7	7	7	4,755.30	7	4,413.65	7	4,070.59	7	3,726.83	7	3,383.06	7	3,039.30	7	2,695.45	7	2,351.43	7	2,007.41
1/4	1/4	1/4	4,748.18	1/4	4,406.54	1/4	4,063.43	1/4	3,719.67	1/4	3,375.90	1/4	3,032.13	1/4	2,688.28	1/4	2,344.26	1/4	2,000.25
1/2	1/2	1/2	4,741.06	1/2	4,399.42	1/2	4,056.27	1/2	3,712.50	1/2	3,368.74	1/2	3,024.97	1/2	2,681.11	1/2	2,337.10	1/2	1,993.08
3/4	3/4	3/4	4,733.95	3/4	4,392.30	3/4	4,049.11	3/4	3,705.34	3/4	3,361.58	3/4	3,017.81	3/4	2,673.94	3/4	2,329.93	3/4	1,985.91
8	8	8	4,726.83	8	4,385.18	8	4,041.95	8	3,698.18	8	3,354.41	8	3,010.65	8	2,666.78	8	2,322.76	8	1,978.75
1/4	1/4	1/4	4,719.71	1/4	4,378.07	1/4	4,034.79	1/4	3,691.02	1/4	3,347.25	1/4	3,003.49	1/4	2,659.61	1/4	2,315.59	1/4	1,971.58
1/2	1/2	1/2	4,712.59	1/2	4,370.95	1/2	4,027.62	1/2	3,683.86	1/2	3,340.09	1/2	2,996.32	1/2	2,652.44	1/2	2,308.43	1/2	1,964.41
3/4	3/4	3/4	4,705.48	3/4	4,363.83	3/4	4,020.46	3/4	3,676.70	3/4	3,332.93	3/4	2,989.16	3/4	2,645.28	3/4	2,301.26	3/4	1,957.24
9	9	9	4,698.36	9	4,356.71	9	4,013.30	9	3,669.53	9	3,325.77	9	2,982.00	9	2,638.11	9	2,294.09	9	1,950.08
1/4	1/4	1/4	4,691.24	1/4	4,349.60	1/4	4,006.14	1/4	3,662.37	1/4	3,318.61	1/4	2,974.84	1/4	2,630.94	1/4	2,286.93	1/4	1,942.91
1/2	1/2	1/2	4,684.12	1/2	4,342.48	1/2	3,998.98	1/2	3,655.21	1/2	3,311.44	1/2	2,967.68	1/2	2,623.78	1/2	2,279.76	1/2	1,935.74
3/4	3/4	3/4	4,677.00	3/4	4,335.36	3/4	3,991.81	3/4	3,648.05	3/4	3,304.28	3/4	2,960.52	3/4	2,616.61	3/4	2,272.59	3/4	1,928.58
10	10	10	4,669.89	10	4,328.24	10	3,984.65	10	3,640.89	10	3,297.12	10	2,953.35	10	2,609.44	10	2,265.43	10	1,921.41
1/4	1/4	1/4	4,662.77	1/4	4,321.12	1/4	3,977.49	1/4	3,633.72	1/4	3,289.96	1/4	2,946.19	1/4	2,602.27	1/4	2,258.26	1/4	1,914.24
1/2	1/2	1/2	4,655.65	1/2	4,314.01	1/2	3,970.33	1/2	3,626.56	1/2	3,282.80	1/2	2,939.03	1/2	2,595.11	1/2	2,251.09	1/2	1,907.08
3/4	3/4	3/4	4,648.53	3/4	4,306.89	3/4	3,963.17	3/4	3,619.40	3/4	3,275.63	3/4	2,931.87	3/4	2,587.94	3/4	2,243.92	3/4	1,899.91
11	11	11	4,641.42	11	4,299.77	11	3,956.01	11	3,612.24	11	3,268.47	11	2,924.71	11	2,580.77	11	2,236.76	11	1,892.74
1/4	1/4	1/4	4,634.30	1/4	4,292.61	1/4	3,948.84	1/4	3,605.08	1/4	3,261.31	1/4	2,917.54	1/4	2,573.61	1/4	2,229.59	1/4	1,885.57
1/2	1/2	1/2	4,627.18	1/2	4,285.45	1/2	3,941.68	1/2	3,597.92	1/2	3,254.15	1/2	2,910.38	1/2	2,566.44	1/2	2,222.42	1/2	1,878.41
3/4	3/4	3/4	4,620.06	3/4	4,278.29	3/4	3,934.52	3/4	3,590.75	3/4	3,246.99	3/4	2,903.22	3/4	2,559.27	3/4	2,215.26	3/4	1,871.24

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7

2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 11'-0" OFF

3. CENTERLINE AND 43'-0" FORWARD OF AFT BULKHEAD.

4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR

DATE COMPUTED: 2/21/06 BY: DAR

DATE ISSUED: 2/22/06



Dale A. Brown



BARGE "RBT 312"

HULL NO. 4509

2 STBD

ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 1/2"

IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.
0	1,864.07	0	1,520.81	0	1,176.79	0	832.94	0	492.86	0	153.40	0		0				0	
1/4	1,856.91	1/4	1,513.65	1/4	1,169.62	1/4	825.77	1/4	486.02	1/4	146.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,849.74	1/2	1,506.48	1/2	1,162.45	1/2	818.61	1/2	479.18	1/2	139.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,842.57	3/4	1,499.31	3/4	1,155.28	3/4	811.45	3/4	472.34	3/4	132.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,835.41	1	1,492.14	1	1,148.12	1	804.29	1	465.50	1	126.04	1	1	1	1	1	1	1	1
1/4	1,828.24	1/4	1,484.98	1/4	1,140.95	1/4	797.12	1/4	458.66	1/4	119.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,821.07	1/2	1,477.81	1/2	1,133.79	1/2	789.95	1/2	451.82	1/2	112.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,813.90	3/4	1,470.64	3/4	1,126.63	3/4	782.79	3/4	444.98	3/4	105.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,806.74	2	1,463.48	2	1,119.46	2	775.62	2	438.14	2	98.68	2	2	2	2	2	2	2	2
1/4	1,799.60	1/4	1,456.31	1/4	1,112.30	1/4	768.45	1/4	431.02	1/4	91.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,792.46	1/2	1,449.14	1/2	1,105.14	1/2	761.29	1/2	423.91	1/2	85.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,785.32	3/4	1,441.98	3/4	1,097.97	3/4	754.12	3/4	416.80	3/4	78.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,778.18	3	1,434.81	3	1,090.81	3	746.95	3	409.68	3	71.32	3	3	3	3	3	3	3	3
1/4	1,771.03	1/4	1,427.64	1/4	1,083.65	1/4	739.79	1/4	402.51	1/4	64.42	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,763.89	1/2	1,420.47	1/2	1,076.48	1/2	732.62	1/2	395.35	1/2	57.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,756.75	3/4	1,413.31	3/4	1,069.32	3/4	725.45	3/4	388.18	3/4	50.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,749.61	4	1,406.14	4	1,062.16	4	718.28	4	381.01	4	43.74	4	4	4	4	4	4	4	4
1/4	1,742.47	1/4	1,398.97	1/4	1,054.99	1/4	711.12	1/4	373.84	1/4	37.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,735.33	1/2	1,391.81	1/2	1,047.83	1/2	703.95	1/2	366.68	1/2	31.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,728.19	3/4	1,384.64	3/4	1,040.67	3/4	696.78	3/4	359.51	3/4	25.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,721.05	5	1,377.47	5	1,033.50	5	689.61	5	352.34	5	19.85	5	5	5	5	5	5	5	5
1/4	1,713.93	1/4	1,370.31	1/4	1,026.34	1/4	682.45	1/4	345.18	1/4	16.26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,706.80	1/2	1,363.14	1/2	1,019.17	1/2	675.28	1/2	338.01	1/2	12.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,699.67	3/4	1,355.97	3/4	1,012.01	3/4	668.11	3/4	330.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,692.55	6	1,348.80	6	1,004.85	6	660.94	6	323.67	6		6	6	6	6	6	6	6	6
1/4	1,685.42	1/4	1,341.64	1/4	997.68	1/4	653.78	1/4	316.51	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,678.30	1/2	1,334.47	1/2	990.52	1/2	646.61	1/2	309.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,671.17	3/4	1,327.30	3/4	983.36	3/4	639.44	3/4	302.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,664.05	7	1,320.13	7	976.19	7	632.27	7	295.00	7		7	7	7	7	7	7	7	7
1/4	1,656.91	1/4	1,312.97	1/4	969.03	1/4	625.11	1/4	287.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,649.77	1/2	1,305.80	1/2	961.87	1/2	617.94	1/2	280.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,642.63	3/4	1,298.63	3/4	954.70	3/4	610.77	3/4	273.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,635.48	8	1,291.46	8	947.54	8	603.60	8	266.33	8		8	8	8	8	8	8	8	8
1/4	1,628.32	1/4	1,284.30	1/4	940.38	1/4	596.44	1/4	259.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,621.15	1/2	1,277.13	1/2	933.21	1/2	589.27	1/2	252.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,613.98	3/4	1,269.96	3/4	926.05	3/4	582.10	3/4	244.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,606.82	9	1,262.79	9	918.89	9	574.94	9	237.66	9		9	9	9	9	9	9	9	9
1/4	1,599.65	1/4	1,255.63	1/4	911.72	1/4	568.10	1/4	230.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,592.48	1/2	1,248.46	1/2	904.56	1/2	561.26	1/2	223.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,585.32	3/4	1,241.29	3/4	897.40	3/4	554.42	3/4	216.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,578.15	10	1,234.12	10	890.24	10	547.58	10	209.21	10		10	10	10	10	10	10	10	10
1/4	1,570.98	1/4	1,226.96	1/4	883.07	1/4	540.74	1/4	202.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,563.81	1/2	1,219.79	1/2	875.91	1/2	533.90	1/2	194.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,556.65	3/4	1,212.62	3/4	868.75	3/4	527.06	3/4	187.87	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,549.48	11	1,205.46	11	861.59	11	520.22	11	180.76	11		11	11	11	11	11	11	11	11
1/4	1,542.31	1/4	1,198.29	1/4	854.42	1/4	513.38	1/4	173.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,535.15	1/2	1,191.12	1/2	847.26	1/2	506.54	1/2	167.08	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,527.98	3/4	1,183.95	3/4	840.10	3/4	499.70	3/4	160.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR

DATE COMPUTED: 2/21/06 BY: DAR

DATE ISSUED: 2/22/06



Dale A. Rose



BARGE "RBT 312"

HULL NO. 4509

3 PORT

ULLAGE TABLE

GAUGE HEIGHT: 16'-5 3/4"

IN	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	IN	10 FT.
0	4,420.27	4,420.27	4,282.53	4,144.35	4,005.98	3,797.73	3,434.98	3,072.23	2,709.38	0	2,344.96
1/4	4,417.42	4,417.42	4,279.65	4,141.47	4,003.08	3,790.17	3,427.42	3,064.68	2,701.79	1/4	2,337.37
1/2	4,414.58	4,414.58	4,276.77	4,138.59	4,000.18	3,782.61	3,419.87	3,051.12	2,694.20	1/2	2,329.78
3/4	4,411.73	4,411.73	4,273.90	4,135.71	3,997.29	3,775.05	3,412.31	3,049.56	2,686.61	3/4	2,322.19
1	4,408.89	4,408.89	4,271.02	4,132.83	3,994.39	3,767.50	3,404.75	3,042.01	2,679.01	1	2,314.60
1/4	4,406.04	4,406.04	4,268.14	4,129.96	3,991.49	3,759.94	3,397.19	3,034.45	2,671.42	1/4	2,307.00
1/2	4,403.20	4,403.20	4,265.26	4,127.08	3,988.60	3,752.38	3,389.64	3,026.89	2,663.83	1/2	2,299.41
3/4	4,400.36	4,400.36	4,262.38	4,124.20	3,985.70	3,744.82	3,382.08	3,019.33	2,656.24	3/4	2,291.82
2	4,397.51	4,397.51	4,259.50	4,121.32	3,982.81	3,737.27	3,374.52	3,011.78	2,648.65	2	2,284.23
1/4	4,394.67	4,394.67	4,256.62	4,118.44	3,979.91	3,729.71	3,366.96	3,004.22	2,641.05	1/4	2,276.64
1/2	4,391.82	4,391.82	4,253.74	4,115.56	3,977.01	3,722.15	3,359.41	2,996.66	2,633.46	1/2	2,269.04
3/4	4,388.98	4,388.98	4,250.86	4,112.68	3,974.12	3,714.60	3,351.85	2,989.10	2,625.87	3/4	2,261.45
3	4,386.13	4,386.13	4,247.99	4,109.80	3,971.22	3,707.04	3,344.29	2,981.55	2,618.28	3	2,253.86
1/4	4,383.29	4,383.29	4,245.11	4,106.92	3,968.32	3,699.48	3,336.74	2,973.99	2,610.68	1/4	2,246.27
1/2	4,380.41	4,380.41	4,242.23	4,104.05	3,965.43	3,691.92	3,329.18	2,966.43	2,603.09	1/2	2,238.68
3/4	4,377.53	4,377.53	4,239.35	4,101.17	3,962.53	3,684.37	3,321.62	2,958.88	2,595.50	3/4	2,231.08
4	4,374.65	4,374.65	4,236.47	4,098.29	3,959.64	3,676.81	3,314.06	2,951.32	2,587.91	4	2,223.49
1/4	4,371.77	4,371.77	4,233.59	4,095.41	3,956.74	3,669.25	3,306.51	2,943.76	2,580.32	1/4	2,215.90
1/2	4,368.90	4,368.90	4,230.71	4,092.53	3,953.84	3,661.70	3,298.95	2,936.20	2,572.72	1/2	2,208.31
3/4	4,366.02	4,366.02	4,227.83	4,089.65	3,950.95	3,654.14	3,291.39	2,928.65	2,565.13	3/4	2,200.72
5	4,363.14	4,363.14	4,224.96	4,086.77	3,948.05	3,646.58	3,283.84	2,921.09	2,557.54	5	2,193.12
1/4	4,360.26	4,360.26	4,222.08	4,083.89	3,945.16	3,639.02	3,276.28	2,913.53	2,549.95	1/4	2,185.53
1/2	4,357.38	4,357.38	4,219.20	4,081.02	3,942.26	3,631.47	3,268.72	2,905.98	2,542.36	1/2	2,177.94
3/4	4,354.50	4,354.50	4,216.32	4,078.14	3,939.37	3,623.91	3,261.16	2,898.42	2,534.76	3/4	2,170.35
6	4,351.62	4,351.62	4,213.44	4,075.26	3,936.47	3,616.35	3,253.61	2,890.86	2,527.17	6	2,162.76
1/4	4,348.74	4,348.74	4,210.56	4,072.38	3,933.58	3,608.80	3,246.05	2,883.30	2,519.58	1/4	2,155.16
1/2	4,345.87	4,345.87	4,207.68	4,069.50	3,930.68	3,601.24	3,238.49	2,875.75	2,511.99	1/2	2,147.57
3/4	4,342.99	4,342.99	4,204.80	4,066.62	3,927.79	3,593.68	3,230.94	2,868.19	2,504.40	3/4	2,139.98
7	4,340.11	4,340.11	4,201.93	4,063.74	3,924.89	3,586.12	3,223.38	2,860.63	2,496.80	7	2,132.39
1/4	4,337.23	4,337.23	4,199.05	4,060.86	3,921.99	3,578.57	3,215.82	2,853.08	2,489.21	1/4	2,124.80
1/2	4,334.35	4,334.35	4,196.17	4,057.99	3,919.07	3,571.01	3,208.26	2,845.52	2,481.62	1/2	2,117.20
3/4	4,331.47	4,331.47	4,193.29	4,055.11	3,916.17	3,563.45	3,200.71	2,837.96	2,474.03	3/4	2,109.61
8	4,328.59	4,328.59	4,190.41	4,052.23	3,913.27	3,555.89	3,193.15	2,830.40	2,466.44	8	2,102.02
1/4	4,325.71	4,325.71	4,187.53	4,049.35	3,910.37	3,548.34	3,185.59	2,822.85	2,458.84	1/4	2,094.43
1/2	4,322.83	4,322.83	4,184.65	4,046.47	3,907.47	3,540.78	3,178.03	2,815.29	2,451.25	1/2	2,086.84
3/4	4,319.96	4,319.96	4,181.77	4,043.59	3,904.57	3,533.22	3,170.48	2,807.73	2,443.66	3/4	2,079.24
9	4,317.08	4,317.08	4,178.89	4,040.71	3,901.67	3,525.67	3,162.92	2,800.17	2,436.07	9	2,071.65
1/4	4,314.20	4,314.20	4,176.02	4,037.83	3,898.77	3,518.11	3,155.36	2,792.62	2,428.48	1/4	2,064.06
1/2	4,311.32	4,311.32	4,173.14	4,034.94	3,895.87	3,510.55	3,147.81	2,785.06	2,420.88	1/2	2,056.47
3/4	4,308.44	4,308.44	4,170.26	4,032.04	3,892.97	3,502.99	3,140.25	2,777.50	2,413.29	3/4	2,048.87
10	4,305.56	4,305.56	4,167.38	4,029.14	3,890.07	3,495.44	3,132.69	2,769.95	2,405.70	10	2,041.28
1/4	4,302.68	4,302.68	4,164.50	4,026.25	3,887.17	3,487.88	3,125.13	2,762.39	2,398.11	1/4	2,033.69
1/2	4,299.80	4,299.80	4,161.62	4,023.35	3,884.27	3,480.32	3,117.58	2,754.83	2,390.52	1/2	2,026.10
3/4	4,296.93	4,296.93	4,158.74	4,020.46	3,881.37	3,472.72	3,110.02	2,747.27	2,382.92	3/4	2,018.51
11	4,294.05	4,294.05	4,155.86	4,017.56	3,878.47	3,465.21	3,102.46	2,739.72	2,375.33	11	2,010.91
1/4	4,291.17	4,291.17	4,152.99	4,014.66	3,875.57	3,457.65	3,094.91	2,732.16	2,367.74	1/4	2,003.32
1/2	4,288.29	4,288.29	4,150.11	4,011.77	3,872.67	3,450.09	3,087.35	2,724.57	2,360.15	1/2	1,995.73
3/4	4,285.41	4,285.41	4,147.23	4,008.87	3,869.77	3,442.54	3,079.79	2,716.98	2,352.56	3/4	1,988.14

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 10'-6" OFF CENTERLINE AND 58'-8" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06



Dale A. Rose

BARGE "RBT 312"

HULL NO. 4509

3 PORT
ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 3/4"

IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.
0	1,980.54	0	1,618.01	0	1,253.65	0	890.17	0	529.73	0	170.01	0		0				0	
1/4	1,972.95	1/4	1,610.42	1/4	1,246.07	1/4	882.59	1/4	522.48	1/4	162.76	1/4	1/4	1/4	1/4			1/4	1/4
1/2	1,965.36	1/2	1,602.83	1/2	1,238.50	1/2	875.02	1/2	515.22	1/2	155.50	1/2	1/2	1/2	1/2	1/2		1/2	1/2
3/4	1,957.77	3/4	1,595.24	3/4	1,230.93	3/4	867.45	3/4	507.97	3/4	148.25	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,950.18	1	1,587.64	1	1,223.35	1	859.88	1	500.72	1	141.00	1		1				1	
1/4	1,942.58	1/4	1,580.05	1/4	1,215.78	1/4	852.31	1/4	493.47	1/4	133.75	1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,934.99	1/2	1,572.46	1/2	1,208.21	1/2	844.73	1/2	486.21	1/2	126.48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,927.40	3/4	1,564.87	3/4	1,200.64	3/4	837.16	3/4	478.96	3/4	119.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,919.81	2	1,557.27	2	1,193.06	2	829.59	2	471.71	2	111.95	2		2				2	
1/4	1,912.22	1/4	1,549.68	1/4	1,185.49	1/4	822.02	1/4	464.46	1/4	104.69	1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,904.65	1/2	1,542.09	1/2	1,177.92	1/2	814.44	1/2	456.92	1/2	97.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,897.09	3/4	1,534.50	3/4	1,170.35	3/4	806.87	3/4	449.38	3/4	90.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,889.52	3	1,526.91	3	1,162.77	3	799.30	3	441.84	3	82.90	3		3				3	
1/4	1,881.96	1/4	1,519.31	1/4	1,155.20	1/4	791.73	1/4	434.30	1/4	75.63	1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,874.40	1/2	1,511.72	1/2	1,147.63	1/2	784.13	1/2	426.71	1/2	68.31	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,866.83	3/4	1,504.13	3/4	1,140.06	3/4	776.54	3/4	419.12	3/4	61.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,859.27	4	1,496.54	4	1,132.48	4	768.95	4	411.52	4	53.68	4		4				4	
1/4	1,851.71	1/4	1,488.94	1/4	1,124.91	1/4	761.36	1/4	403.93	1/4	46.36	1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,844.14	1/2	1,481.35	1/2	1,117.34	1/2	753.76	1/2	396.34	1/2	40.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,836.58	3/4	1,473.76	3/4	1,109.77	3/4	746.17	3/4	388.75	3/4	33.69	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,829.02	5	1,466.17	5	1,102.19	5	738.58	5	381.15	5	27.35	5		5				5	
1/4	1,821.45	1/4	1,458.58	1/4	1,094.62	1/4	730.99	1/4	373.56	1/4	21.01	1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,814.04	1/2	1,450.98	1/2	1,087.05	1/2	723.39	1/2	365.97	1/2	17.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,806.63	3/4	1,443.39	3/4	1,079.48	3/4	715.80	3/4	358.38	3/4	13.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,799.21	6	1,435.80	6	1,071.90	6	708.21	6	350.78	6		6		6				6	
1/4	1,791.80	1/4	1,428.21	1/4	1,064.33	1/4	700.62	1/4	343.19	1/4		1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,784.39	1/2	1,420.61	1/2	1,056.76	1/2	693.02	1/2	335.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,776.98	3/4	1,413.02	3/4	1,049.19	3/4	685.43	3/4	328.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,769.56	7	1,405.43	7	1,041.61	7	677.84	7	320.41	7		7		7				7	
1/4	1,762.15	1/4	1,397.84	1/4	1,034.04	1/4	670.24	1/4	312.82	1/4		1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,754.59	1/2	1,390.25	1/2	1,026.47	1/2	662.65	1/2	305.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,747.02	3/4	1,382.65	3/4	1,018.89	3/4	655.06	3/4	297.63	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,739.46	8	1,375.06	8	1,011.32	8	647.47	8	290.04	8		8		8				8	
1/4	1,731.90	1/4	1,367.47	1/4	1,003.75	1/4	639.87	1/4	282.45	1/4		1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,724.30	1/2	1,359.88	1/2	996.18	1/2	632.28	1/2	274.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,716.71	3/4	1,352.29	3/4	988.61	3/4	624.69	3/4	267.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,709.12	9	1,344.69	9	981.03	9	617.10	9	259.67	9		9		9				9	
1/4	1,701.53	1/4	1,337.10	1/4	973.46	1/4	609.50	1/4	252.08	1/4		1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,693.93	1/2	1,329.51	1/2	965.89	1/2	602.25	1/2	244.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,686.34	3/4	1,321.92	3/4	958.32	3/4	595.00	3/4	237.00	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,678.75	10	1,314.32	10	950.74	10	587.75	10	229.46	10		10		10				10	
1/4	1,671.16	1/4	1,306.73	1/4	943.17	1/4	580.49	1/4	221.92	1/4		1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,663.57	1/2	1,299.14	1/2	935.60	1/2	573.24	1/2	214.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,655.97	3/4	1,291.55	3/4	928.03	3/4	565.99	3/4	206.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,648.38	11	1,283.96	11	920.46	11	558.74	11	199.31	11		11		11				11	
1/4	1,640.79	1/4	1,276.36	1/4	912.88	1/4	551.48	1/4	191.77	1/4		1/4	1/4	1/4	1/4	1/4		1/4	1/4
1/2	1,633.20	1/2	1,268.79	1/2	905.31	1/2	544.23	1/2	184.51	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,625.60	3/4	1,261.22	3/4	897.74	3/4	536.98	3/4	177.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06



Del. to Port



BARGE "RBT 312"

HULL NO. 4509

3 STBD

ULLAGE TABLE

GAUGE HEIGHT: 16'-5 1/2"

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.
0	0	4,411.12	0	4,273.54	0	4,135.55	0	3,997.35	0	3,784.62	0	3,422.92	0	3,060.10	0	2,697.13	0	2,332.63	
1/4	1/4	4,408.28	1/4	4,270.66	1/4	4,132.67	1/4	3,994.46	1/4	3,777.12	1/4	3,415.36	1/4	3,052.54	1/4	2,689.54	1/4	2,325.04	
1/2	1/2	4,405.44	1/2	4,267.79	1/2	4,129.80	1/2	3,991.56	1/2	3,769.61	1/2	3,407.80	1/2	3,044.98	1/2	2,681.95	1/2	2,317.44	
3/4	3/4	4,402.59	3/4	4,264.91	3/4	4,126.92	3/4	3,988.67	3/4	3,762.11	3/4	3,400.24	3/4	3,037.42	3/4	2,674.35	3/4	2,309.85	
1	1	4,399.75	1	4,262.04	1	4,124.05	1	3,985.78	1	3,754.61	1	3,392.68	1	3,029.86	1	2,666.76	1	2,302.26	
1/4	1/4	4,396.91	1/4	4,259.16	1/4	4,121.17	1/4	3,982.89	1/4	3,747.11	1/4	3,385.12	1/4	3,022.30	1/4	2,659.16	1/4	2,294.66	
1/2	1/2	4,394.07	1/2	4,256.29	1/2	4,118.30	1/2	3,980.00	1/2	3,739.60	1/2	3,377.56	1/2	3,014.74	1/2	2,651.57	1/2	2,287.07	
3/4	3/4	4,391.23	3/4	4,253.41	3/4	4,115.42	3/4	3,977.10	3/4	3,732.10	3/4	3,370.01	3/4	3,007.18	3/4	2,643.98	3/4	2,279.47	
2	2	4,388.39	2	4,250.54	2	4,112.55	2	3,974.21	2	3,724.60	2	3,362.45	2	2,999.62	2	2,636.38	2	2,271.88	
1/4	1/4	4,385.55	1/4	4,247.67	1/4	4,109.67	1/4	3,971.32	1/4	3,717.09	1/4	3,354.89	1/4	2,992.07	1/4	2,628.79	1/4	2,264.29	
1/2	1/2	4,382.71	1/2	4,244.79	1/2	4,106.80	1/2	3,968.43	1/2	3,709.59	1/2	3,347.33	1/2	2,984.51	1/2	2,621.19	1/2	2,256.69	
3/4	3/4	4,379.87	3/4	4,241.92	3/4	4,103.93	3/4	3,965.53	3/4	3,702.09	3/4	3,339.77	3/4	2,976.95	3/4	2,613.60	3/4	2,249.10	
3	3	4,377.03	3	4,239.04	3	4,101.05	3	3,962.64	3	3,694.59	3	3,332.21	3	2,969.39	3	2,606.01	3	2,241.50	
1/4	1/4	4,374.16	1/4	4,236.17	1/4	4,098.18	1/4	3,959.75	1/4	3,687.08	1/4	3,324.65	1/4	2,961.83	1/4	2,598.41	1/4	2,233.91	
1/2	1/2	4,371.28	1/2	4,233.29	1/2	4,095.30	1/2	3,956.86	1/2	3,679.58	1/2	3,317.09	1/2	2,954.27	1/2	2,590.82	1/2	2,226.32	
3/4	3/4	4,368.41	3/4	4,230.42	3/4	4,092.43	3/4	3,953.97	3/4	3,672.08	3/4	3,309.54	3/4	2,946.71	3/4	2,583.23	3/4	2,218.72	
4	4	4,365.53	4	4,227.54	4	4,089.55	4	3,951.07	4	3,664.58	4	3,301.98	4	2,939.15	4	2,575.63	4	2,211.13	
1/4	1/4	4,362.66	1/4	4,224.67	1/4	4,086.68	1/4	3,948.18	1/4	3,657.07	1/4	3,294.42	1/4	2,931.60	1/4	2,568.04	1/4	2,203.54	
1/2	1/2	4,359.78	1/2	4,221.79	1/2	4,083.80	1/2	3,945.29	1/2	3,649.57	1/2	3,286.86	1/2	2,924.04	1/2	2,560.44	1/2	2,195.94	
3/4	3/4	4,356.91	3/4	4,218.92	3/4	4,080.93	3/4	3,942.40	3/4	3,642.07	3/4	3,279.30	3/4	2,916.48	3/4	2,552.85	3/4	2,188.35	
5	5	4,354.03	5	4,216.04	5	4,078.05	5	3,939.50	5	3,634.56	5	3,271.74	5	2,908.92	5	2,545.26	5	2,180.75	
1/4	1/4	4,351.16	1/4	4,213.17	1/4	4,075.18	1/4	3,936.28	1/4	3,627.01	1/4	3,264.18	1/4	2,901.36	1/4	2,537.66	1/4	2,173.16	
1/2	1/2	4,348.28	1/2	4,210.29	1/2	4,072.30	1/2	3,933.05	1/2	3,619.45	1/2	3,256.62	1/2	2,893.80	1/2	2,530.07	1/2	2,165.57	
3/4	3/4	4,345.41	3/4	4,207.42	3/4	4,069.43	3/4	3,929.82	3/4	3,611.89	3/4	3,249.07	3/4	2,886.24	3/4	2,522.48	3/4	2,157.97	
6	6	4,342.53	6	4,204.54	6	4,066.55	6	3,926.66	6	3,604.33	6	3,241.51	6	2,878.68	6	2,514.88	6	2,150.38	
1/4	1/4	4,339.66	1/4	4,201.67	1/4	4,063.68	1/4	3,922.49	1/4	3,596.77	1/4	3,233.95	1/4	2,871.13	1/4	2,507.29	1/4	2,142.79	
1/2	1/2	4,336.78	1/2	4,198.79	1/2	4,060.80	1/2	3,918.38	1/2	3,589.21	1/2	3,226.39	1/2	2,863.57	1/2	2,499.69	1/2	2,135.19	
3/4	3/4	4,333.91	3/4	4,195.92	3/4	4,057.93	3/4	3,914.27	3/4	3,581.65	3/4	3,218.83	3/4	2,856.01	3/4	2,492.10	3/4	2,127.60	
7	7	4,331.03	7	4,193.04	7	4,055.05	7	3,910.16	7	3,574.09	7	3,211.27	7	2,848.45	7	2,484.51	7	2,120.00	
1/4	1/4	4,328.16	1/4	4,190.17	1/4	4,052.18	1/4	3,905.36	1/4	3,566.53	1/4	3,203.71	1/4	2,840.89	1/4	2,476.91	1/4	2,112.41	
1/2	1/2	4,325.28	1/2	4,187.29	1/2	4,049.30	1/2	3,900.57	1/2	3,558.98	1/2	3,196.15	1/2	2,833.33	1/2	2,469.32	1/2	2,104.82	
3/4	3/4	4,322.41	3/4	4,184.42	3/4	4,046.43	3/4	3,895.77	3/4	3,551.42	3/4	3,188.59	3/4	2,825.77	3/4	2,461.72	3/4	2,097.22	
8	8	4,319.54	8	4,181.54	8	4,043.55	8	3,890.98	8	3,543.86	8	3,181.04	8	2,818.21	8	2,454.13	8	2,089.63	
1/4	1/4	4,316.66	1/4	4,178.67	1/4	4,040.68	1/4	3,885.40	1/4	3,536.30	1/4	3,173.48	1/4	2,810.65	1/4	2,446.54	1/4	2,082.03	
1/2	1/2	4,313.79	1/2	4,175.80	1/2	4,037.80	1/2	3,879.82	1/2	3,528.74	1/2	3,165.92	1/2	2,803.10	1/2	2,438.94	1/2	2,074.44	
3/4	3/4	4,310.91	3/4	4,172.92	3/4	4,034.93	3/4	3,874.24	3/4	3,521.18	3/4	3,158.36	3/4	2,795.54	3/4	2,431.35	3/4	2,066.85	
9	9	4,308.04	9	4,170.05	9	4,032.06	9	3,868.66	9	3,513.62	9	3,150.80	9	2,787.98	9	2,423.76	9	2,059.25	
1/4	1/4	4,305.16	1/4	4,167.17	1/4	4,029.16	1/4	3,862.30	1/4	3,506.06	1/4	3,143.24	1/4	2,780.42	1/4	2,416.16	1/4	2,051.66	
1/2	1/2	4,302.29	1/2	4,164.30	1/2	4,026.27	1/2	3,855.94	1/2	3,498.51	1/2	3,135.68	1/2	2,772.86	1/2	2,408.57	1/2	2,044.07	
3/4	3/4	4,299.41	3/4	4,161.42	3/4	4,023.38	3/4	3,849.58	3/4	3,490.95	3/4	3,128.12	3/4	2,765.30	3/4	2,400.97	3/4	2,036.47	
10	10	4,296.54	10	4,158.55	10	4,020.49	10	3,843.21	10	3,483.39	10	3,120.57	10	2,757.74	10	2,393.38	10	2,028.88	
1/4	1/4	4,293.66	1/4	4,155.67	1/4	4,017.59	1/4	3,836.07	1/4	3,475.83	1/4	3,113.01	1/4	2,750.18	1/4	2,385.79	1/4	2,021.28	
1/2	1/2	4,290.79	1/2	4,152.80	1/2	4,014.70	1/2	3,828.92	1/2	3,468.27	1/2	3,105.45	1/2	2,742.63	1/2	2,378.19	1/2	2,013.69	
3/4	3/4	4,287.91	3/4	4,149.92	3/4	4,011.81	3/4	3,821.78	3/4	3,460.71	3/4	3,097.89	3/4	2,735.07	3/4	2,370.60	3/4	2,006.10	
11	11	4,285.04	11	4,147.05	11	4,008.92	11	3,814.63	11	3,453.15	11	3,090.33	11	2,727.51	11	2,363.01	11	1,998.50	
1/4	1/4	4,282.16	1/4	4,144.17	1/4	4,006.03	1/4	3,807.13	1/4	3,445.59	1/4	3,082.77	1/4	2,719.91	1/4	2,355.41	1/4	1,990.91	
1/2	1/2	4,279.29	1/2	4,141.30	1/2	4,003.13	1/2	3,799.63	1/2	3,438.04	1/2	3,075.21	1/2	2,712.32	1/2	2,347.82	1/2	1,983.32	
3/4	3/4	4,276.41	3/4	4,138.42	3/4	4,000.24	3/4	3,792.12	3/4	3,430.48	3/4	3,067.65	3/4	2,704.73	3/4	2,340.22	3/4	1,975.72	

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 11'-0" OFF CENTERLINE AND 58'-0" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06

Del. A. B...

BARGE "RBT 312"

HULL NO. 4509

3 STBD

ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 1/2"

IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.	IN	20 FT.
0	1,968.13	0	1,605.39	0	1,241.04	0	877.01	0	516.65	0	158.00	0		0		0		0	
1/4	1,960.53	1/4	1,597.80	1/4	1,233.46	1/4	869.43	1/4	509.39	1/4	151.03	1/4		1/4		1/4		1/4	
1/2	1,952.94	1/2	1,590.21	1/2	1,225.88	1/2	861.84	1/2	502.14	1/2	144.06	1/2		1/2		1/2		1/2	
3/4	1,945.35	3/4	1,582.61	3/4	1,218.30	3/4	854.26	3/4	494.88	3/4	137.10	3/4		3/4		3/4		3/4	
1	1,937.75	1	1,575.02	1	1,210.72	1	846.67	1	487.63	1	130.13	1		1		1		1	
1/4	1,930.16	1/4	1,567.42	1/4	1,203.15	1/4	839.08	1/4	480.38	1/4	123.16	1/4		1/4		1/4		1/4	
1/2	1,922.57	1/2	1,559.83	1/2	1,195.57	1/2	831.14	1/2	473.12	1/2	116.19	1/2		1/2		1/2		1/2	
3/4	1,914.97	3/4	1,552.24	3/4	1,188.00	3/4	823.91	3/4	465.87	3/4	109.22	3/4		3/4		3/4		3/4	
2	1,907.38	2	1,544.64	2	1,180.42	2	816.32	2	458.61	2	102.26	2		2		2		2	
1/4	1,899.81	1/4	1,537.05	1/4	1,172.85	1/4	808.73	1/4	451.07	1/4	95.29	1/4		1/4		1/4		1/4	
1/2	1,892.24	1/2	1,529.46	1/2	1,165.27	1/2	801.14	1/2	443.53	1/2	88.32	1/2		1/2		1/2		1/2	
3/4	1,884.67	3/4	1,521.86	3/4	1,157.69	3/4	793.55	3/4	435.99	3/4	81.35	3/4		3/4		3/4		3/4	
3	1,877.10	3	1,514.27	3	1,150.12	3	785.95	3	428.45	3	74.39	3		3		3		3	
1/4	1,869.53	1/4	1,506.67	1/4	1,142.53	1/4	778.36	1/4	420.86	1/4	67.36	1/4		1/4		1/4		1/4	
1/2	1,861.96	1/2	1,499.08	1/2	1,134.94	1/2	770.77	1/2	413.26	1/2	60.34	1/2		1/2		1/2		1/2	
3/4	1,854.39	3/4	1,491.49	3/4	1,127.36	3/4	763.17	3/4	405.67	3/4	53.32	3/4		3/4		3/4		3/4	
4	1,846.82	4	1,483.89	4	1,119.77	4	755.58	4	398.08	4	46.30	4		4		4		4	
1/4	1,839.25	1/4	1,476.30	1/4	1,112.18	1/4	747.98	1/4	390.48	1/4	39.97	1/4		1/4		1/4		1/4	
1/2	1,831.68	1/2	1,468.71	1/2	1,104.59	1/2	740.39	1/2	382.89	1/2	33.64	1/2		1/2		1/2		1/2	
3/4	1,824.11	3/4	1,461.11	3/4	1,097.00	3/4	732.79	3/4	375.29	3/4	27.31	3/4		3/4		3/4		3/4	
5	1,816.54	5	1,453.52	5	1,089.42	5	725.20	5	367.70	5	20.99	5		5		5		5	
1/4	1,809.12	1/4	1,445.92	1/4	1,081.83	1/4	717.61	1/4	360.10	1/4	17.19	1/4		1/4		1/4		1/4	
1/2	1,801.70	1/2	1,438.33	1/2	1,074.24	1/2	710.01	1/2	352.51	1/2	13.39	1/2		1/2		1/2		1/2	
3/4	1,794.28	3/4	1,430.74	3/4	1,066.65	3/4	702.42	3/4	344.92	3/4		3/4		3/4		3/4		3/4	
6	1,786.86	6	1,423.14	6	1,059.07	6	694.82	6	337.32	6		6		6		6		6	
1/4	1,779.44	1/4	1,415.55	1/4	1,051.48	1/4	687.23	1/4	329.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,772.02	1/2	1,407.95	1/2	1,043.89	1/2	679.64	1/2	322.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,764.60	3/4	1,400.36	3/4	1,036.30	3/4	672.04	3/4	314.54	3/4		3/4		3/4		3/4		3/4	
7	1,757.18	7	1,392.77	7	1,028.71	7	664.45	7	306.95	7		7		7		7		7	
1/4	1,749.60	1/4	1,385.17	1/4	1,021.13	1/4	656.85	1/4	299.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,742.03	1/2	1,377.58	1/2	1,013.54	1/2	649.26	1/2	291.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,734.46	3/4	1,369.99	3/4	1,005.95	3/4	641.66	3/4	284.16	3/4		3/4		3/4		3/4		3/4	
8	1,726.89	8	1,362.39	8	998.36	8	634.07	8	276.57	8		8		8		8		8	
1/4	1,719.30	1/4	1,354.80	1/4	990.78	1/4	626.48	1/4	268.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,711.71	1/2	1,347.20	1/2	983.19	1/2	618.88	1/2	261.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,704.11	3/4	1,339.61	3/4	975.61	3/4	611.29	3/4	253.79	3/4		3/4		3/4		3/4		3/4	
9	1,696.52	9	1,332.02	9	968.02	9	603.69	9	246.19	9		9		9		9		9	
1/4	1,688.93	1/4	1,324.43	1/4	960.44	1/4	596.44	1/4	238.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,681.33	1/2	1,316.85	1/2	952.85	1/2	589.19	1/2	231.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,673.74	3/4	1,309.27	3/4	945.27	3/4	581.93	3/4	223.57	3/4		3/4		3/4		3/4		3/4	
10	1,666.14	10	1,301.69	10	937.68	10	574.68	10	216.03	10		10		10		10		10	
1/4	1,658.55	1/4	1,294.11	1/4	930.10	1/4	567.42	1/4	208.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,650.96	1/2	1,286.52	1/2	922.52	1/2	560.17	1/2	200.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,643.36	3/4	1,278.94	3/4	914.93	3/4	552.92	3/4	193.41	3/4		3/4		3/4		3/4		3/4	
11	1,635.77	11	1,271.36	11	907.35	11	545.66	11	185.87	11		11		11		11		11	
1/4	1,628.17	1/4	1,263.78	1/4	899.76	1/4	538.41	1/4	178.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,620.58	1/2	1,256.20	1/2	892.18	1/2	531.15	1/2	171.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,612.99	3/4	1,248.62	3/4	884.59	3/4	523.90	3/4	164.97	3/4		3/4		3/4		3/4		3/4	

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR
DATE COMPUTED: 2/21/06 BY: DAR
DATE ISSUED: 2/22/06



Dick & Bow