



BARGE "RBT 316"

HULL NO. 4510

1 PORT INNAGE TABLE

GAUGE HEIGHT: 16'-5 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.97	0	307.49	0	658.45	0	1,023.61	0	1,388.87	0	1,754.11	0	2,119.37	0	2,484.74	0	2,850.10	0	3,215.27
1/4	14.04	1/4	314.54	1/4	666.06	1/4	1,031.22	1/4	1,396.49	1/4	1,761.70	1/4	2,126.98	1/4	2,492.35	1/4	2,857.71	1/4	3,222.88
1/2	17.11	1/2	321.59	1/2	673.67	1/2	1,038.83	1/2	1,404.10	1/2	1,769.38	1/2	2,134.59	1/2	2,500.00	1/2	2,865.33	1/2	3,230.48
3/4	22.22	3/4	328.73	3/4	681.29	3/4	1,046.43	3/4	1,411.71	3/4	1,776.89	3/4	2,142.20	3/4	2,507.57	3/4	2,872.94	3/4	3,238.09
1	27.34	1	335.86	1	688.90	1	1,054.04	1	1,419.32	1	1,784.50	1	2,149.82	1	2,515.18	1	2,880.55	1	3,245.70
1/4	32.45	1/4	343.00	1/4	696.51	1/4	1,061.64	1/4	1,426.93	1/4	1,792.11	1/4	2,157.43	1/4	2,522.79	1/4	2,888.16	1/4	3,253.30
1/2	37.57	1/2	350.13	1/2	704.12	1/2	1,069.25	1/2	1,434.55	1/2	1,799.71	1/2	2,165.04	1/2	2,530.41	1/2	2,895.77	1/2	3,260.91
3/4	43.46	3/4	357.36	3/4	711.74	3/4	1,076.86	3/4	1,442.16	3/4	1,807.32	3/4	2,172.65	3/4	2,538.02	3/4	2,903.38	3/4	3,268.52
2	49.36	2	364.58	2	719.35	2	1,084.46	2	1,449.77	2	1,814.93	2	2,180.26	2	2,545.63	2	2,911.00	2	3,276.12
1/4	55.25	1/4	371.80	1/4	726.96	1/4	1,092.07	1/4	1,457.38	1/4	1,822.53	1/4	2,187.87	1/4	2,553.24	1/4	2,918.61	1/4	3,283.73
1/2	61.15	1/2	379.02	1/2	734.57	1/2	1,099.67	1/2	1,464.99	1/2	1,830.14	1/2	2,195.49	1/2	2,560.85	1/2	2,926.22	1/2	3,291.34
3/4	67.07	3/4	386.28	3/4	742.18	3/4	1,107.28	3/4	1,472.61	3/4	1,837.75	3/4	2,203.10	3/4	2,568.46	3/4	2,933.83	3/4	3,298.94
3	73.00	3	393.53	3	749.79	3	1,114.89	3	1,480.22	3	1,845.35	3	2,210.71	3	2,576.08	3	2,941.43	3	3,306.55
1/4	78.92	1/4	400.79	1/4	757.40	1/4	1,122.49	1/4	1,487.83	1/4	1,852.96	1/4	2,218.32	1/4	2,583.69	1/4	2,949.04	1/4	3,314.16
1/2	84.85	1/2	408.04	1/2	765.01	1/2	1,130.10	1/2	1,495.44	1/2	1,860.57	1/2	2,225.93	1/2	2,591.30	1/2	2,956.65	1/2	3,321.76
3/4	90.86	3/4	415.10	3/4	772.62	3/4	1,137.70	3/4	1,503.05	3/4	1,868.18	3/4	2,233.55	3/4	2,598.91	3/4	2,964.25	3/4	3,329.37
4	96.88	4	422.15	4	780.23	4	1,145.31	4	1,510.67	4	1,875.79	4	2,241.16	4	2,606.52	4	2,971.86	4	3,336.98
1/4	102.89	1/4	429.20	1/4	787.84	1/4	1,152.92	1/4	1,518.28	1/4	1,883.40	1/4	2,248.77	1/4	2,614.14	1/4	2,979.47	1/4	3,344.58
1/2	108.90	1/2	436.25	1/2	795.45	1/2	1,160.52	1/2	1,525.89	1/2	1,891.01	1/2	2,256.38	1/2	2,621.75	1/2	2,987.07	1/2	3,352.19
3/4	115.00	3/4	443.39	3/4	803.05	3/4	1,168.13	3/4	1,533.50	3/4	1,898.63	3/4	2,263.99	3/4	2,629.36	3/4	2,994.68	3/4	3,359.80
5	121.10	5	450.53	5	810.66	5	1,175.74	5	1,541.11	5	1,906.24	5	2,271.60	5	2,636.97	5	3,002.29	5	3,367.40
1/4	127.20	1/4	457.67	1/4	818.26	1/4	1,183.35	1/4	1,548.73	1/4	1,913.85	1/4	2,279.22	1/4	2,644.58	1/4	3,009.89	1/4	3,375.01
1/2	133.30	1/2	464.81	1/2	825.87	1/2	1,190.96	1/2	1,556.34	1/2	1,921.46	1/2	2,286.83	1/2	2,652.19	1/2	3,017.50	1/2	3,382.62
3/4	139.49	3/4	472.04	3/4	833.47	3/4	1,198.57	3/4	1,563.95	3/4	1,929.07	3/4	2,294.44	3/4	2,659.81	3/4	3,025.11	3/4	3,390.22
6	145.67	6	479.27	6	841.08	6	1,206.18	6	1,571.56	6	1,936.69	6	2,302.05	6	2,667.42	6	3,032.71	6	3,397.83
1/4	151.86	1/4	486.49	1/4	848.68	1/4	1,213.79	1/4	1,579.17	1/4	1,944.30	1/4	2,309.66	1/4	2,675.03	1/4	3,040.32	1/4	3,405.44
1/2	158.04	1/2	493.72	1/2	856.29	1/2	1,221.40	1/2	1,586.79	1/2	1,951.91	1/2	2,317.28	1/2	2,682.64	1/2	3,047.93	1/2	3,413.04
3/4	164.61	3/4	500.99	3/4	863.89	3/4	1,229.01	3/4	1,594.40	3/4	1,959.52	3/4	2,324.89	3/4	2,690.25	3/4	3,055.53	3/4	3,420.65
7	171.17	7	508.26	7	871.50	7	1,236.63	7	1,602.01	7	1,967.13	7	2,332.50	7	2,697.87	7	3,063.14	7	3,428.26
1/4	177.73	1/4	515.53	1/4	879.10	1/4	1,244.24	1/4	1,609.62	1/4	1,974.74	1/4	2,340.11	1/4	2,705.48	1/4	3,070.74	1/4	3,435.86
1/2	184.29	1/2	522.80	1/2	886.71	1/2	1,251.85	1/2	1,617.23	1/2	1,982.36	1/2	2,347.72	1/2	2,713.09	1/2	3,078.35	1/2	3,443.47
3/4	190.94	3/4	530.07	3/4	894.31	3/4	1,259.46	3/4	1,624.85	3/4	1,989.97	3/4	2,355.33	3/4	2,720.70	3/4	3,085.96	3/4	3,451.07
8	197.59	8	537.34	8	901.92	8	1,267.08	8	1,632.46	8	1,997.58	8	2,362.95	8	2,728.31	8	3,093.56	8	3,458.68
1/4	204.24	1/4	544.61	1/4	909.52	1/4	1,274.69	1/4	1,640.07	1/4	2,005.19	1/4	2,370.56	1/4	2,735.92	1/4	3,101.17	1/4	3,466.29
1/2	210.89	1/2	551.87	1/2	917.13	1/2	1,282.30	1/2	1,647.68	1/2	2,012.80	1/2	2,378.17	1/2	2,743.54	1/2	3,108.78	1/2	3,473.89
3/4	217.67	3/4	559.49	3/4	924.73	3/4	1,289.91	3/4	1,655.29	3/4	2,020.42	3/4	2,385.78	3/4	2,751.15	3/4	3,116.38	3/4	3,481.50
9	224.46	9	567.10	9	932.34	9	1,297.53	9	1,662.91	9	2,028.03	9	2,393.39	9	2,758.76	9	3,123.99	9	3,489.11
1/4	231.25	1/4	574.71	1/4	939.95	1/4	1,305.14	1/4	1,670.52	1/4	2,035.64	1/4	2,401.01	1/4	2,766.37	1/4	3,131.60	1/4	3,496.71
1/2	238.04	1/2	582.32	1/2	947.55	1/2	1,312.75	1/2	1,678.13	1/2	2,043.25	1/2	2,408.62	1/2	2,773.98	1/2	3,139.20	1/2	3,504.32
3/4	244.92	3/4	589.94	3/4	955.16	3/4	1,320.36	3/4	1,685.74	3/4	2,050.86	3/4	2,416.23	3/4	2,781.60	3/4	3,146.81	3/4	3,511.93
10	251.79	10	597.55	10	962.76	10	1,327.97	10	1,693.34	10	2,058.47	10	2,423.83	10	2,789.21	10	3,154.42	10	3,519.53
1/4	258.67	1/4	605.16	1/4	970.37	1/4	1,335.59	1/4	1,700.95	1/4	2,066.09	1/4	2,431.45	1/4	2,796.82	1/4	3,162.02	1/4	3,527.14
1/2	265.54	1/2	612.77	1/2	977.98	1/2	1,343.20	1/2	1,708.56	1/2	2,073.70	1/2	2,439.06	1/2	2,804.43	1/2	3,169.63	1/2	3,534.75
3/4	272.51	3/4	620.39	3/4	985.58	3/4	1,350.81	3/4	1,716.15	3/4	2,081.31	3/4	2,446.68	3/4	2,812.04	3/4	3,177.24	3/4	3,542.35
11	279.47	11	628.00	11	993.19	11	1,358.42	11	1,723.74	11	2,088.92	11	2,454.29	11	2,819.65	11	3,184.84	11	3,549.96
1/4	286.43	1/4	635.61	1/4	1,000.80	1/4	1,366.04	1/4	1,731.33	1/4	2,096.53	1/4	2,461.90	1/4	2,827.27	1/4	3,192.45	1/4	3,557.57
1/2	293.39	1/2	643.22	1/2	1,008.40	1/2	1,373.65	1/2	1,738.92	1/2	2,104.15	1/2	2,469.51	1/2	2,834.88	1/2	3,200.06	1/2	3,565.17
3/4	300.44	3/4	650.84	3/4	1,016.01	3/4	1,381.26	3/4	1,746.51	3/4	2,111.76	3/4	2,477.12	3/4	2,842.49	3/4	3,207.66	3/4	3,572.78

CAPACITIES GIVEN 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 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.

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



CHART IS CERTIFIED FOR THIS TANK ONLY.



BARGE "RBT 316"

HULL NO. 4510

1 PORT INNAGE TABLE

GAUGE HEIGHT: 16'-5 1/2"

IN	10. FT.	IN	11. FT.	IN	12. FT.	IN	13. FT.	IN	14. FT.	IN	15. FT.	IN	16. FT.	IN	17. FT.	IN	18. FT.	IN	19. FT.
0	3,580.39	0	3,945.50	0	4,310.62	0	4,674.74	0	5,037.69	0		0		0		0		0	
1/4	3,587.99	1/4	3,953.11	1/4	4,318.23	1/4	4,682.30	1/4	5,045.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.60	1/2	3,960.72	1/2	4,325.83	1/2	4,689.87	1/2	5,052.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.21	3/4	3,968.32	3/4	4,333.44	3/4	4,697.43	3/4	5,060.37	3/4		3/4		3/4		3/4		3/4	
1	3,610.81	1	3,975.93	1	4,341.05	1	4,704.99	1	5,067.94	1		1		1		1		1	
1/4	3,618.42	1/4	3,983.54	1/4	4,348.65	1/4	4,712.55	1/4	5,075.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.03	1/2	3,991.14	1/2	4,356.26	1/2	4,720.11	1/2	5,083.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.63	3/4	3,998.75	3/4	4,363.87	3/4	4,727.67	3/4	5,090.62	3/4		3/4		3/4		3/4		3/4	
2	3,641.24	2	4,006.36	2	4,371.47	2	4,735.23	2	5,098.18	2		2		2		2		2	
1/4	3,648.85	1/4	4,013.96	1/4	4,379.08	1/4	4,742.80	1/4	5,105.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.45	1/2	4,021.57	1/2	4,386.69	1/2	4,750.36	1/2	5,113.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,664.06	3/4	4,029.18	3/4	4,394.29	3/4	4,757.92	3/4	5,120.86	3/4		3/4		3/4		3/4		3/4	
3	3,671.67	3	4,036.78	3	4,401.90	3	4,765.48	3	5,128.42	3		3		3		3		3	
1/4	3,679.27	1/4	4,044.39	1/4	4,409.51	1/4	4,773.04	1/4	5,135.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,686.88	1/2	4,052.00	1/2	4,417.11	1/2	4,780.60	1/2	5,143.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,694.49	3/4	4,059.60	3/4	4,424.72	3/4	4,788.16	3/4	5,151.09	3/4		3/4		3/4		3/4		3/4	
4	3,702.09	4	4,067.21	4	4,432.33	4	4,795.73	4	5,158.64	4		4		4		4		4	
1/4	3,709.70	1/4	4,074.82	1/4	4,439.93	1/4	4,803.29	1/4	5,166.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,717.31	1/2	4,082.42	1/2	4,447.54	1/2	4,810.85	1/2	5,173.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,724.91	3/4	4,090.03	3/4	4,455.15	3/4	4,818.41	3/4	5,181.31	3/4		3/4		3/4		3/4		3/4	
5	3,732.52	5	4,097.64	5	4,462.75	5	4,825.97	5	5,188.87	5		5		5		5		5	
1/4	3,740.13	1/4	4,105.24	1/4	4,470.36	1/4	4,833.53	1/4	5,196.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,747.73	1/2	4,112.85	1/2	4,477.97	1/2	4,841.09	1/2	5,203.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,755.34	3/4	4,120.46	3/4	4,485.57	3/4	4,848.66	3/4	5,211.53	3/4		3/4		3/4		3/4		3/4	
6	3,762.95	6	4,128.06	6	4,493.18	6	4,856.22	6	5,219.09	6		6		6		6		6	
1/4	3,770.55	1/4	4,135.67	1/4	4,500.79	1/4	4,863.78	1/4	5,226.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,778.16	1/2	4,143.28	1/2	4,508.39	1/2	4,871.34	1/2	5,234.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,785.77	3/4	4,150.88	3/4	4,515.95	3/4	4,878.90	3/4	5,241.76	3/4		3/4		3/4		3/4		3/4	
7	3,793.37	7	4,158.49	7	4,523.52	7	4,886.46	7	5,249.32	7		7		7		7		7	
1/4	3,800.98	1/4	4,166.10	1/4	4,531.08	1/4	4,894.02	1/4	5,256.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,808.59	1/2	4,173.70	1/2	4,538.64	1/2	4,901.59	1/2	5,264.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,816.19	3/4	4,181.31	3/4	4,546.20	3/4	4,909.15	3/4	5,271.98	3/4		3/4		3/4		3/4		3/4	
8	3,823.80	8	4,188.92	8	4,553.76	8	4,916.71	8	5,279.54	8		8		8		8		8	
1/4	3,831.40	1/4	4,196.52	1/4	4,561.32	1/4	4,924.27	1/4	5,287.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,839.01	1/2	4,204.13	1/2	4,568.88	1/2	4,931.83	1/2	5,294.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,846.62	3/4	4,211.73	3/4	4,576.44	3/4	4,939.39	3/4	5,301.58	3/4		3/4		3/4		3/4		3/4	
9	3,854.22	9	4,219.34	9	4,584.01	9	4,946.95	9	5,308.51	9		9		9		9		9	
1/4	3,861.83	1/4	4,226.95	1/4	4,591.57	1/4	4,954.51	1/4	5,315.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,869.44	1/2	4,234.55	1/2	4,599.13	1/2	4,962.08	1/2	5,322.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,877.04	3/4	4,242.16	3/4	4,606.69	3/4	4,969.64	3/4	5,328.02	3/4		3/4		3/4		3/4		3/4	
10	3,884.65	10	4,249.77	10	4,614.25	10	4,977.20	10	5,333.68	10		10		10		10		10	
1/4	3,892.26	1/4	4,257.37	1/4	4,621.81	1/4	4,984.76	1/4	5,339.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,899.86	1/2	4,264.98	1/2	4,629.37	1/2	4,992.32	1/2	5,344.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,907.47	3/4	4,272.59	3/4	4,636.94	3/4	4,999.88	3/4	5,349.38	3/4		3/4		3/4		3/4		3/4	
11	3,915.08	11	4,280.19	11	4,644.50	11	5,007.44	11	5,353.77	11		11		11		11		11	
1/4	3,922.68	1/4	4,287.80	1/4	4,652.06	1/4	5,015.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,930.29	1/2	4,295.41	1/2	4,659.62	1/2	5,022.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,937.90	3/4	4,303.01	3/4	4,667.18	3/4	5,030.13	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



Bill A. Rose



BARGE "RBT 316"
HULL NO. 4510

1 STBD
INNAGE TABLE

GAUGE HEIGHT: 16'-5 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	11.00	0	308.59	0	660.80	0	1,027.33	0	1,393.93	0	1,760.44	0	2,126.98	0	2,493.62	0	2,860.26	0	3,226.71
1/4	14.08	1/4	315.66	1/4	668.44	1/4	1,034.96	1/4	1,401.57	1/4	1,768.06	1/4	2,134.62	1/4	2,501.26	1/4	2,867.90	1/4	3,234.34
1/2	17.16	1/2	322.74	1/2	676.07	1/2	1,042.60	1/2	1,409.21	1/2	1,775.75	1/2	2,142.25	1/2	2,508.90	1/2	2,875.54	1/2	3,241.98
3/4	22.30	3/4	329.90	3/4	683.71	3/4	1,050.23	3/4	1,416.85	3/4	1,783.31	3/4	2,149.89	3/4	2,516.54	3/4	2,883.18	3/4	3,249.61
1	27.43	1	337.06	1	691.35	1	1,057.87	1	1,424.48	1	1,790.94	1	2,157.53	1	2,524.17	1	2,890.82	1	3,257.24
1/4	32.57	1/4	344.22	1/4	698.99	1/4	1,065.58	1/4	1,432.12	1/4	1,806.21	1/4	2,165.17	1/4	2,531.81	1/4	2,898.46	1/4	3,264.88
1/2	37.70	1/2	351.38	1/2	706.63	1/2	1,073.14	1/2	1,439.76	1/2	1,806.21	1/2	2,172.81	1/2	2,539.45	1/2	2,906.09	1/2	3,272.51
3/4	43.61	3/4	358.63	3/4	714.27	3/4	1,080.77	3/4	1,447.40	3/4	1,813.84	3/4	2,180.45	3/4	2,547.09	3/4	2,913.73	3/4	3,280.14
2	49.53	2	365.87	2	721.91	2	1,088.41	2	1,455.04	2	1,821.47	2	2,188.08	2	2,554.73	2	2,921.37	2	3,287.77
1/4	55.44	1/4	373.12	1/4	729.55	1/4	1,096.04	1/4	1,462.68	1/4	1,829.11	1/4	2,195.72	1/4	2,562.37	1/4	2,929.01	1/4	3,295.41
1/2	61.36	1/2	380.37	1/2	737.19	1/2	1,103.68	1/2	1,470.32	1/2	1,836.74	1/2	2,203.36	1/2	2,570.00	1/2	2,936.65	1/2	3,303.04
3/4	67.31	3/4	387.65	3/4	744.82	3/4	1,111.31	3/4	1,477.95	3/4	1,844.37	3/4	2,211.00	3/4	2,577.64	3/4	2,944.28	3/4	3,310.67
3	73.26	3	394.93	3	752.46	3	1,118.95	3	1,485.59	3	1,852.01	3	2,218.64	3	2,585.28	3	2,951.91	3	3,318.31
1/4	79.20	1/4	402.21	1/4	760.10	1/4	1,126.58	1/4	1,493.23	1/4	1,859.64	1/4	2,226.28	1/4	2,592.92	1/4	2,959.55	1/4	3,326.94
1/2	85.15	1/2	409.49	1/2	767.74	1/2	1,134.22	1/2	1,500.87	1/2	1,867.27	1/2	2,233.91	1/2	2,600.56	1/2	2,967.18	1/2	3,333.57
3/4	91.19	3/4	416.57	3/4	775.38	3/4	1,141.85	3/4	1,508.51	3/4	1,874.91	3/4	2,241.55	3/4	2,608.20	3/4	2,974.81	3/4	3,341.21
4	97.22	4	423.65	4	783.02	4	1,149.49	4	1,516.15	4	1,882.55	4	2,249.19	4	2,615.83	4	2,982.45	4	3,348.84
1/4	103.26	1/4	430.73	1/4	790.65	1/4	1,157.12	1/4	1,523.79	1/4	1,890.19	1/4	2,256.83	1/4	2,623.47	1/4	2,990.08	1/4	3,356.47
1/2	109.29	1/2	437.81	1/2	798.29	1/2	1,164.76	1/2	1,531.42	1/2	1,897.83	1/2	2,264.47	1/2	2,631.11	1/2	2,997.71	1/2	3,364.11
3/4	115.41	3/4	444.97	3/4	805.93	3/4	1,172.40	3/4	1,539.06	3/4	1,905.46	3/4	2,272.11	3/4	2,638.75	3/4	3,005.35	3/4	3,371.74
5	121.54	5	452.14	5	813.56	5	1,180.04	5	1,546.70	5	1,913.10	5	2,279.75	5	2,646.39	5	3,012.98	5	3,379.37
1/4	127.66	1/4	459.30	1/4	821.19	1/4	1,187.68	1/4	1,554.34	1/4	1,920.74	1/4	2,287.38	1/4	2,654.03	1/4	3,020.61	1/4	3,387.01
1/2	133.78	1/2	466.47	1/2	828.83	1/2	1,195.31	1/2	1,561.98	1/2	1,928.38	1/2	2,295.02	1/2	2,661.67	1/2	3,028.25	1/2	3,394.64
3/4	139.99	3/4	473.72	3/4	836.46	3/4	1,202.95	3/4	1,569.62	3/4	1,936.02	3/4	2,302.66	3/4	2,669.30	3/4	3,035.88	3/4	3,402.91
6	146.20	6	480.97	6	844.10	6	1,210.59	6	1,577.26	6	1,943.66	6	2,310.30	6	2,676.94	6	3,043.51	6	3,409.91
1/4	152.41	1/4	488.23	1/4	851.73	1/4	1,218.23	1/4	1,584.89	1/4	1,951.29	1/4	2,317.94	1/4	2,684.58	1/4	3,051.15	1/4	3,417.54
1/2	158.62	1/2	495.48	1/2	859.37	1/2	1,225.87	1/2	1,592.53	1/2	1,958.93	1/2	2,325.58	1/2	2,692.22	1/2	3,058.78	1/2	3,425.17
3/4	165.20	3/4	502.78	3/4	867.00	3/4	1,233.51	3/4	1,600.17	3/4	1,966.57	3/4	2,333.21	3/4	2,699.86	3/4	3,066.41	3/4	3,432.81
7	171.79	7	510.07	7	874.63	7	1,241.15	7	1,607.81	7	1,974.21	7	2,340.85	7	2,707.50	7	3,074.05	7	3,440.44
1/4	178.37	1/4	517.37	1/4	882.27	1/4	1,248.79	1/4	1,615.45	1/4	1,981.85	1/4	2,348.49	1/4	2,715.13	1/4	3,081.68	1/4	3,448.07
1/2	184.96	1/2	524.67	1/2	889.90	1/2	1,256.43	1/2	1,623.09	1/2	1,989.49	1/2	2,356.13	1/2	2,722.77	1/2	3,089.31	1/2	3,455.71
3/4	191.63	3/4	531.96	3/4	897.54	3/4	1,264.07	3/4	1,630.73	3/4	1,997.12	3/4	2,363.77	3/4	2,730.41	3/4	3,096.94	3/4	3,463.34
8	198.30	8	539.26	8	905.17	8	1,271.70	8	1,638.36	8	2,004.76	8	2,371.41	8	2,738.05	8	3,104.58	8	3,470.97
1/4	204.97	1/4	546.55	1/4	912.80	1/4	1,279.34	1/4	1,646.00	1/4	2,012.40	1/4	2,379.04	1/4	2,745.69	1/4	3,112.21	1/4	3,478.60
1/2	211.64	1/2	553.85	1/2	920.44	1/2	1,286.98	1/2	1,653.64	1/2	2,020.04	1/2	2,386.68	1/2	2,753.33	1/2	3,119.84	1/2	3,486.24
3/4	218.46	3/4	561.49	3/4	928.07	3/4	1,294.62	3/4	1,661.28	3/4	2,027.68	3/4	2,394.32	3/4	2,760.96	3/4	3,127.48	3/4	3,493.87
9	225.27	9	569.13	9	935.71	9	1,302.26	9	1,668.92	9	2,035.32	9	2,401.96	9	2,768.60	9	3,135.11	9	3,501.50
1/4	232.08	1/4	576.77	1/4	943.34	1/4	1,309.90	1/4	1,676.56	1/4	2,042.95	1/4	2,409.60	1/4	2,776.24	1/4	3,142.74	1/4	3,509.14
1/2	238.90	1/2	584.41	1/2	950.98	1/2	1,317.54	1/2	1,684.20	1/2	2,050.59	1/2	2,417.24	1/2	2,783.88	1/2	3,150.38	1/2	3,516.77
3/4	245.80	3/4	592.05	3/4	958.61	3/4	1,325.18	3/4	1,691.83	3/4	2,058.23	3/4	2,424.87	3/4	2,791.52	3/4	3,158.01	3/4	3,524.40
10	252.62	10	599.68	10	966.25	10	1,333.82	10	1,699.46	10	2,065.87	10	2,432.51	10	2,799.16	10	3,165.64	10	3,532.04
1/4	259.59	1/4	607.32	1/4	973.88	1/4	1,340.46	1/4	1,707.10	1/4	2,073.51	1/4	2,440.15	1/4	2,806.79	1/4	3,173.28	1/4	3,539.67
1/2	266.49	1/2	614.96	1/2	981.52	1/2	1,348.09	1/2	1,714.73	1/2	2,081.15	1/2	2,447.79	1/2	2,814.43	1/2	3,180.91	1/2	3,547.30
3/4	273.48	3/4	622.60	3/4	989.15	3/4	1,355.73	3/4	1,722.35	3/4	2,088.79	3/4	2,455.03	3/4	2,822.07	3/4	3,188.54	3/4	3,554.94
11	280.47	11	630.24	11	996.79	11	1,363.37	11	1,729.97	11	2,096.42	11	2,463.07	11	2,829.71	11	3,196.18	11	3,562.57
1/4	287.45	1/4	637.88	1/4	1,004.42	1/4	1,371.01	1/4	1,737.58	1/4	2,104.06	1/4	2,470.71	1/4	2,837.35	1/4	3,203.81	1/4	3,570.20
1/2	294.44	1/2	645.52	1/2	1,012.06	1/2	1,378.65	1/2	1,745.20	1/2	2,111.70	1/2	2,478.34	1/2	2,844.99	1/2	3,211.44	1/2	3,577.84
3/4	301.51	3/4	653.16	3/4	1,019.69	3/4	1,386.29	3/4	1,752.82	3/4	2,119.34	3/4	2,485.98	3/4	2,852.63	3/4	3,219.08	3/4	3,585.47

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 GIVEN 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





BARGE "RBT 316"

HULL NO. 4510

1 STBD INNAGE TABLE

GAUGE HEIGHT: 16'- 5 1/2"

IN	10. FT.	IN	11. FT.	IN	12. FT.	IN	13. FT.	IN	14. FT.	IN	15. FT.	IN	16. FT.	IN	17. FT.	IN	18. FT.	IN	19. FT.
0	3,593.10	0	3,959.50	0	4,325.89	0	4,691.29	0	5,055.51	0		0		0		0			
1/4	3,600.74	1/4	3,967.13	1/4	4,333.52	1/4	4,698.88	1/4	5,063.10	1/4		1/4		1/4		1/4			
1/2	3,608.37	1/2	3,974.76	1/2	4,341.16	1/2	4,706.47	1/2	5,070.69	1/2		1/2		1/2		1/2			
3/4	3,616.00	3/4	3,982.40	3/4	4,348.79	3/4	4,714.05	3/4	5,078.28	3/4		3/4		3/4		3/4			
1	3,623.64	1	3,990.03	1	4,356.42	1	4,721.64	1	5,085.87	1		1		1		1			
1/4	3,631.27	1/4	3,997.66	1/4	4,364.06	1/4	4,729.23	1/4	5,093.45	1/4		1/4		1/4		1/4			
1/2	3,638.90	1/2	4,005.30	1/2	4,371.69	1/2	4,736.82	1/2	5,101.04	1/2		1/2		1/2		1/2			
3/4	3,646.54	3/4	4,012.93	3/4	4,379.32	3/4	4,744.41	3/4	5,108.63	3/4		3/4		3/4		3/4			
2	3,654.17	2	4,020.56	2	4,386.96	2	4,751.99	2	5,116.22	2		2		2		2			
1/4	3,661.80	1/4	4,028.20	1/4	4,394.59	1/4	4,759.58	1/4	5,123.81	1/4		1/4		1/4		1/4			
1/2	3,669.43	1/2	4,035.83	1/2	4,402.22	1/2	4,767.17	1/2	5,131.39	1/2		1/2		1/2		1/2			
3/4	3,677.07	3/4	4,043.46	3/4	4,409.86	3/4	4,774.76	3/4	5,138.98	3/4		3/4		3/4		3/4			
3	3,684.70	3	4,051.09	3	4,417.49	3	4,782.35	3	5,146.56	3		3		3		3			
1/4	3,692.33	1/4	4,058.73	1/4	4,425.12	1/4	4,789.93	1/4	5,154.14	1/4		1/4		1/4		1/4			
1/2	3,699.97	1/2	4,066.36	1/2	4,432.75	1/2	4,797.52	1/2	5,161.72	1/2		1/2		1/2		1/2			
3/4	3,707.60	3/4	4,073.99	3/4	4,440.39	3/4	4,805.11	3/4	5,169.31	3/4		3/4		3/4		3/4			
4	3,715.23	4	4,081.63	4	4,448.02	4	4,812.70	4	5,176.89	4		4		4		4			
1/4	3,722.87	1/4	4,089.26	1/4	4,455.65	1/4	4,820.29	1/4	5,184.47	1/4		1/4		1/4		1/4			
1/2	3,730.50	1/2	4,096.89	1/2	4,463.29	1/2	4,827.87	1/2	5,192.06	1/2		1/2		1/2		1/2			
3/4	3,738.13	3/4	4,104.53	3/4	4,470.92	3/4	4,835.46	3/4	5,199.64	3/4		3/4		3/4		3/4			
5	3,745.77	5	4,112.16	5	4,478.55	5	4,843.05	5	5,207.22	5		5		5		5			
1/4	3,753.40	1/4	4,119.79	1/4	4,486.19	1/4	4,850.64	1/4	5,214.80	1/4		1/4		1/4		1/4			
1/2	3,761.03	1/2	4,127.43	1/2	4,493.82	1/2	4,858.23	1/2	5,222.39	1/2		1/2		1/2		1/2			
3/4	3,768.67	3/4	4,135.06	3/4	4,501.45	3/4	4,865.81	3/4	5,229.97	3/4		3/4		3/4		3/4			
6	3,776.30	6	4,142.69	6	4,509.09	6	4,873.40	6	5,237.55	6		6		6		6			
1/4	3,783.93	1/4	4,150.33	1/4	4,516.72	1/4	4,880.99	1/4	5,245.14	1/4		1/4		1/4		1/4			
1/2	3,791.57	1/2	4,157.96	1/2	4,524.35	1/2	4,888.58	1/2	5,252.72	1/2		1/2		1/2		1/2			
3/4	3,799.20	3/4	4,165.59	3/4	4,531.94	3/4	4,896.17	3/4	5,260.30	3/4		3/4		3/4		3/4			
7	3,806.83	7	4,173.23	7	4,539.53	7	4,903.75	7	5,267.88	7		7		7		7			
1/4	3,814.47	1/4	4,180.86	1/4	4,547.12	1/4	4,911.34	1/4	5,275.47	1/4		1/4		1/4		1/4			
1/2	3,822.10	1/2	4,188.49	1/2	4,554.71	1/2	4,918.93	1/2	5,283.05	1/2		1/2		1/2		1/2			
3/4	3,829.73	3/4	4,196.13	3/4	4,562.29	3/4	4,926.52	3/4	5,290.63	3/4		3/4		3/4		3/4			
8	3,837.37	8	4,203.76	8	4,569.88	8	4,934.11	8	5,298.21	8		8		8		8			
1/4	3,845.00	1/4	4,211.39	1/4	4,577.47	1/4	4,941.69	1/4	5,305.80	1/4		1/4		1/4		1/4			
1/2	3,852.63	1/2	4,219.03	1/2	4,585.06	1/2	4,949.28	1/2	5,313.38	1/2		1/2		1/2		1/2			
3/4	3,860.26	3/4	4,226.66	3/4	4,592.65	3/4	4,956.87	3/4	5,320.96	3/4		3/4		3/4		3/4			
9	3,867.90	9	4,234.29	9	4,600.23	9	4,964.46	9	5,327.54	9		9		9		9			
1/4	3,875.53	1/4	4,241.92	1/4	4,607.82	1/4	4,972.05	1/4	5,334.12	1/4		1/4		1/4		1/4			
1/2	3,883.16	1/2	4,249.56	1/2	4,615.41	1/2	4,979.63	1/2	5,341.70	1/2		1/2		1/2		1/2			
3/4	3,890.80	3/4	4,257.19	3/4	4,623.00	3/4	4,987.22	3/4	5,349.28	3/4		3/4		3/4		3/4			
10	3,898.43	10	4,264.82	10	4,630.59	10	4,994.81	10	5,356.86	10		10		10		10			
1/4	3,906.06	1/4	4,272.46	1/4	4,638.17	1/4	5,002.40	1/4	5,364.44	1/4		1/4		1/4		1/4			
1/2	3,913.70	1/2	4,280.09	1/2	4,645.76	1/2	5,009.99	1/2	5,372.02	1/2		1/2		1/2		1/2			
3/4	3,921.33	3/4	4,287.72	3/4	4,653.35	3/4	5,017.57	3/4	5,379.60	3/4		3/4		3/4		3/4			
11	3,928.96	11	4,295.36	11	4,660.94	11	5,025.16	11	5,387.18	11		11		11		11			
1/4	3,936.60	1/4	4,302.99	1/4	4,668.53	1/4	5,032.75	1/4	5,394.76	1/4		1/4		1/4		1/4			
1/2	3,944.23	1/2	4,310.62	1/2	4,676.11	1/2	5,040.34	1/2	5,402.34	1/2		1/2		1/2		1/2			
3/4	3,951.86	3/4	4,318.26	3/4	4,683.70	3/4	5,047.93	3/4	5,409.92	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



Bill A. Brown



BARGE "RBT 316"

HULL NO. 4510

2 PORT INNAGE TABLE

GAUGE HEIGHT: 16'- 5 7/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.69	0	338.25	0	675.76	0	1,019.11	0	1,362.78	0	1,706.68	0	2,050.54	0	2,394.79	0	2,739.05	0	3,083.11
1/4	16.28	1/4	345.42	1/4	682.93	1/4	1,026.26	1/4	1,369.95	1/4	1,713.81	1/4	2,057.71	1/4	2,401.97	1/4	2,746.22	1/4	3,090.27
1/2	19.86	1/2	352.59	1/2	690.10	1/2	1,033.41	1/2	1,377.12	1/2	1,720.94	1/2	2,064.88	1/2	2,409.14	1/2	2,753.39	1/2	3,097.44
3/4	25.84	3/4	359.76	3/4	697.28	3/4	1,040.56	3/4	1,384.30	3/4	1,728.05	3/4	2,072.05	3/4	2,416.31	3/4	2,760.57	3/4	3,104.61
1	31.82	1	366.94	1	704.45	1	1,047.70	1	1,391.47	1	1,735.23	1	2,079.23	1	2,423.48	1	2,767.74	1	3,111.77
1/4	37.79	1/4	374.11	1/4	711.62	1/4	1,054.85	1/4	1,398.64	1/4	1,742.38	1/4	2,086.40	1/4	2,430.65	1/4	2,774.91	1/4	3,118.94
1/2	43.77	1/2	381.28	1/2	718.79	1/2	1,062.00	1/2	1,405.81	1/2	1,749.52	1/2	2,093.57	1/2	2,437.83	1/2	2,782.08	1/2	3,126.11
3/4	50.67	3/4	388.45	3/4	725.97	3/4	1,069.15	3/4	1,412.98	3/4	1,756.67	3/4	2,100.74	3/4	2,445.00	3/4	2,789.25	3/4	3,133.28
2	57.57	2	395.63	2	733.14	2	1,076.29	2	1,420.16	2	1,763.82	2	2,107.91	2	2,452.17	2	2,796.43	2	3,140.44
1/4	64.47	1/4	402.80	1/4	740.31	1/4	1,083.44	1/4	1,427.33	1/4	1,770.96	1/4	2,115.09	1/4	2,459.34	1/4	2,803.60	1/4	3,147.61
1/2	71.37	1/2	409.97	1/2	747.48	1/2	1,090.59	1/2	1,434.50	1/2	1,778.11	1/2	2,122.26	1/2	2,466.51	1/2	2,810.77	1/2	3,154.78
3/4	78.21	3/4	417.09	3/4	754.63	3/4	1,097.74	3/4	1,441.67	3/4	1,785.25	3/4	2,129.43	3/4	2,473.69	3/4	2,817.94	3/4	3,161.94
3	85.06	3	424.21	3	761.78	3	1,104.89	3	1,448.84	3	1,792.40	3	2,136.60	3	2,480.86	3	2,825.10	3	3,169.11
1/4	91.90	1/4	431.33	1/4	768.94	1/4	1,112.03	1/4	1,456.02	1/4	1,799.54	1/4	2,143.77	1/4	2,488.03	1/4	2,832.27	1/4	3,176.28
1/2	98.75	1/2	438.45	1/2	776.09	1/2	1,119.18	1/2	1,463.19	1/2	1,806.69	1/2	2,150.95	1/2	2,495.20	1/2	2,839.44	1/2	3,183.44
3/4	105.59	3/4	445.29	3/4	783.24	3/4	1,126.33	3/4	1,470.36	3/4	1,813.86	3/4	2,158.12	3/4	2,502.37	3/4	2,846.60	3/4	3,190.61
4	112.44	4	452.14	4	790.39	4	1,133.48	4	1,477.53	4	1,821.03	4	2,165.29	4	2,509.55	4	2,853.77	4	3,197.78
1/4	119.28	1/4	458.98	1/4	797.54	1/4	1,140.62	1/4	1,484.70	1/4	1,828.21	1/4	2,172.46	1/4	2,516.72	1/4	2,860.94	1/4	3,204.94
1/2	126.13	1/2	465.83	1/2	804.69	1/2	1,147.77	1/2	1,491.88	1/2	1,835.38	1/2	2,179.63	1/2	2,523.89	1/2	2,868.10	1/2	3,212.11
3/4	132.97	3/4	472.67	3/4	811.84	3/4	1,154.92	3/4	1,499.05	3/4	1,842.55	3/4	2,186.81	3/4	2,531.06	3/4	2,875.27	3/4	3,219.28
5	139.82	5	479.52	5	818.98	5	1,162.08	5	1,506.22	5	1,849.72	5	2,193.98	5	2,538.23	5	2,882.44	5	3,226.44
1/4	146.66	1/4	486.36	1/4	826.13	1/4	1,169.23	1/4	1,513.39	1/4	1,856.89	1/4	2,201.15	1/4	2,545.41	1/4	2,889.60	1/4	3,233.61
1/2	153.51	1/2	493.21	1/2	833.28	1/2	1,176.38	1/2	1,520.56	1/2	1,864.04	1/2	2,208.32	1/2	2,552.58	1/2	2,896.77	1/2	3,240.78
3/4	160.35	3/4	500.05	3/4	840.43	3/4	1,183.53	3/4	1,527.74	3/4	1,871.24	3/4	2,215.49	3/4	2,559.75	3/4	2,903.94	3/4	3,247.94
6	167.20	6	506.90	6	847.57	6	1,190.68	6	1,534.91	6	1,878.41	6	2,222.67	6	2,566.92	6	2,911.10	6	3,255.11
1/4	174.04	1/4	513.74	1/4	854.72	1/4	1,197.84	1/4	1,542.08	1/4	1,885.58	1/4	2,229.84	1/4	2,574.09	1/4	2,918.27	1/4	3,262.28
1/2	180.89	1/2	520.59	1/2	861.87	1/2	1,204.99	1/2	1,549.25	1/2	1,892.75	1/2	2,237.01	1/2	2,581.27	1/2	2,925.44	1/2	3,269.44
3/4	188.01	3/4	527.43	3/4	869.01	3/4	1,212.16	3/4	1,556.42	3/4	1,899.93	3/4	2,244.18	3/4	2,588.44	3/4	2,932.60	3/4	3,276.61
7	195.12	7	534.28	7	876.16	7	1,219.33	7	1,563.60	7	1,907.10	7	2,251.35	7	2,595.61	7	2,939.77	7	3,283.78
1/4	202.24	1/4	541.12	1/4	883.31	1/4	1,226.50	1/4	1,570.77	1/4	1,914.27	1/4	2,258.53	1/4	2,602.78	1/4	2,946.94	1/4	3,290.94
1/2	209.36	1/2	547.97	1/2	890.45	1/2	1,233.68	1/2	1,577.94	1/2	1,921.44	1/2	2,265.70	1/2	2,609.95	1/2	2,954.11	1/2	3,298.11
3/4	216.48	3/4	554.81	3/4	897.60	3/4	1,240.85	3/4	1,585.11	3/4	1,928.61	3/4	2,272.87	3/4	2,617.13	3/4	2,961.27	3/4	3,305.28
8	223.60	8	561.66	8	904.75	8	1,248.02	8	1,592.28	8	1,935.79	8	2,280.04	8	2,624.30	8	2,968.44	8	3,312.45
1/4	230.72	1/4	568.50	1/4	911.90	1/4	1,255.19	1/4	1,599.46	1/4	1,942.96	1/4	2,287.21	1/4	2,631.47	1/4	2,975.61	1/4	3,319.61
1/2	237.83	1/2	575.35	1/2	919.04	1/2	1,262.37	1/2	1,606.63	1/2	1,950.13	1/2	2,294.39	1/2	2,638.64	1/2	2,982.77	1/2	3,326.78
3/4	245.01	3/4	582.52	3/4	926.19	3/4	1,269.54	3/4	1,613.80	3/4	1,957.30	3/4	2,301.56	3/4	2,645.81	3/4	2,989.94	3/4	3,333.95
9	252.18	9	589.69	9	933.34	9	1,276.71	9	1,620.97	9	1,964.47	9	2,308.73	9	2,652.99	9	2,997.11	9	3,341.11
1/4	259.35	1/4	596.86	1/4	940.49	1/4	1,283.88	1/4	1,628.14	1/4	1,971.65	1/4	2,315.90	1/4	2,660.16	1/4	3,004.27	1/4	3,348.28
1/2	266.52	1/2	604.03	1/2	947.63	1/2	1,291.06	1/2	1,635.32	1/2	1,978.82	1/2	2,323.07	1/2	2,667.33	1/2	3,011.44	1/2	3,355.45
3/4	273.70	3/4	611.21	3/4	954.78	3/4	1,298.23	3/4	1,642.46	3/4	1,985.99	3/4	2,330.25	3/4	2,674.50	3/4	3,018.61	3/4	3,362.61
10	280.87	10	618.38	10	961.93	10	1,305.40	10	1,649.61	10	1,993.16	10	2,337.42	10	2,681.67	10	3,025.77	10	3,369.78
1/4	288.04	1/4	625.55	1/4	969.08	1/4	1,312.57	1/4	1,656.75	1/4	2,000.33	1/4	2,344.59	1/4	2,688.85	1/4	3,032.94	1/4	3,376.95
1/2	295.21	1/2	632.72	1/2	976.23	1/2	1,319.75	1/2	1,663.90	1/2	2,007.51	1/2	2,351.76	1/2	2,696.02	1/2	3,040.11	1/2	3,384.11
3/4	302.39	3/4	639.90	3/4	983.37	3/4	1,326.92	3/4	1,671.03	3/4	2,014.68	3/4	2,358.93	3/4	2,703.19	3/4	3,047.27	3/4	3,391.28
11	309.56	11	647.07	11	990.52	11	1,334.09	11	1,678.16	11	2,021.85	11	2,366.11	11	2,710.36	11	3,054.44	11	3,398.45
1/4	316.73	1/4	654.24	1/4	997.67	1/4	1,341.26	1/4	1,685.29	1/4	2,029.02	1/4	2,373.28	1/4	2,717.53	1/4	3,061.61	1/4	3,405.61
1/2	323.90	1/2	661.41	1/2	1,004.82	1/2	1,348.43	1/2	1,692.42	1/2	2,036.19	1/2	2,380.45	1/2	2,724.71	1/2	3,068.77	1/2	3,412.78
3/4	331.08	3/4	668.59	3/4	1,011.96	3/4	1,355.61	3/4	1,699.55	3/4	2,043.37	3/4	2,387.62	3/4	2,731.88	3/4	3,075.94	3/4	3,419.95

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 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



Bill A. Rose



BARGE "RBT 316"

HULL NO. 4510

2 PORT INNAGE TABLE

GAUGE HEIGHT: 16'-5 7/8"

IN	10. FT.	IN	11. FT.	IN	12. FT.	IN	13. FT.	IN	14. FT.	IN	15. FT.	IN	16. FT.	IN	17. FT.	IN	18. FT.	IN	19. FT.
0	3,427.11	0	3,771.12	0	4,115.13	0	4,458.16	0	4,800.05	0		0		0		0		0	
1/4	3,434.28	1/4	3,778.29	1/4	4,122.29	1/4	4,465.28	1/4	4,807.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,441.45	1/2	3,785.45	1/2	4,129.46	1/2	4,472.41	1/2	4,814.29	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,448.61	3/4	3,792.62	3/4	4,136.63	3/4	4,479.53	3/4	4,821.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,455.78	1	3,799.79	1	4,143.79	1	4,486.65	1	4,828.54	1		1	1	1	1	1	1	1	1
1/4	3,462.95	1/4	3,806.95	1/4	4,150.96	1/4	4,493.77	1/4	4,835.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,470.11	1/2	3,814.12	1/2	4,158.13	1/2	4,500.90	1/2	4,842.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,477.28	3/4	3,821.29	3/4	4,165.29	3/4	4,508.02	3/4	4,849.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,484.45	2	3,828.45	2	4,172.46	2	4,515.14	2	4,857.03	2		2	2	2	2	2	2	2	2
1/4	3,491.62	1/4	3,835.62	1/4	4,179.63	1/4	4,522.26	1/4	4,864.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,498.78	1/2	3,842.79	1/2	4,186.79	1/2	4,529.39	1/2	4,871.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,505.95	3/4	3,849.96	3/4	4,193.96	3/4	4,536.51	3/4	4,878.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,513.12	3	3,857.12	3	4,201.13	3	4,543.63	3	4,885.50	3		3	3	3	3	3	3	3	3
1/4	3,520.28	1/4	3,864.29	1/4	4,208.30	1/4	4,550.75	1/4	4,892.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,527.45	1/2	3,871.46	1/2	4,215.46	1/2	4,557.88	1/2	4,899.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,534.62	3/4	3,878.62	3/4	4,222.63	3/4	4,565.00	3/4	4,906.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,541.78	4	3,885.79	4	4,229.80	4	4,572.12	4	4,913.96	4		4	4	4	4	4	4	4	4
1/4	3,548.95	1/4	3,892.96	1/4	4,236.96	1/4	4,579.25	1/4	4,921.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,556.12	1/2	3,900.12	1/2	4,244.13	1/2	4,586.37	1/2	4,928.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,563.28	3/4	3,907.29	3/4	4,251.30	3/4	4,593.49	3/4	4,935.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,570.45	5	3,914.46	5	4,258.46	5	4,600.61	5	4,942.42	5		5	5	5	5	5	5	5	5
1/4	3,577.62	1/4	3,921.62	1/4	4,265.63	1/4	4,607.74	1/4	4,949.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,584.78	1/2	3,928.79	1/2	4,272.80	1/2	4,614.86	1/2	4,956.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,591.95	3/4	3,935.96	3/4	4,279.96	3/4	4,621.98	3/4	4,963.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,599.12	6	3,943.12	6	4,287.13	6	4,629.10	6	4,970.88	6		6	6	6	6	6	6	6	6
1/4	3,606.28	1/4	3,950.29	1/4	4,294.30	1/4	4,636.23	1/4	4,977.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,613.45	1/2	3,957.46	1/2	4,301.46	1/2	4,643.35	1/2	4,985.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,620.62	3/4	3,964.62	3/4	4,308.59	3/4	4,650.47	3/4	4,992.22	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,627.78	7	3,971.79	7	4,315.71	7	4,657.59	7	4,999.34	7		7	7	7	7	7	7	7	7
1/4	3,634.95	1/4	3,978.96	1/4	4,322.83	1/4	4,664.72	1/4	5,006.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,642.12	1/2	3,986.12	1/2	4,329.95	1/2	4,671.84	1/2	5,013.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,649.28	3/4	3,993.29	3/4	4,337.08	3/4	4,678.96	3/4	5,020.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,656.45	8	4,000.46	8	4,344.20	8	4,686.08	8	5,027.80	8		8	8	8	8	8	8	8	8
1/4	3,663.62	1/4	4,007.62	1/4	4,351.32	1/4	4,693.21	1/4	5,034.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,670.79	1/2	4,014.79	1/2	4,358.44	1/2	4,700.33	1/2	5,042.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,677.95	3/4	4,021.96	3/4	4,365.57	3/4	4,707.45	3/4	5,048.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,685.12	9	4,029.13	9	4,372.69	9	4,714.57	9	5,055.07	9		9	9	9	9	9	9	9	9
1/4	3,692.29	1/4	4,036.29	1/4	4,379.81	1/4	4,721.70	1/4	5,061.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,699.45	1/2	4,043.46	1/2	4,386.93	1/2	4,728.82	1/2	5,068.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,706.62	3/4	4,050.63	3/4	4,394.06	3/4	4,735.94	3/4	5,073.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,713.79	10	4,057.79	10	4,401.18	10	4,743.06	10	5,078.77	10		10	10	10	10	10	10	10	10
1/4	3,720.95	1/4	4,064.96	1/4	4,408.30	1/4	4,750.19	1/4	5,084.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,728.12	1/2	4,072.13	1/2	4,415.43	1/2	4,757.31	1/2	5,089.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,735.29	3/4	4,079.29	3/4	4,422.55	3/4	4,764.43	3/4	5,093.56	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,742.45	11	4,086.46	11	4,429.67	11	4,771.56	11	5,097.69	11		11	11	11	11	11	11	11	11
1/4	3,749.62	1/4	4,093.63	1/4	4,436.79	1/4	4,778.68	1/4	5,101.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,756.79	1/2	4,100.79	1/2	4,443.92	1/2	4,785.80	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,763.95	3/4	4,107.96	3/4	4,451.04	3/4	4,792.92	3/4		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



Paul A. Brown



BARGE "RBT 316"

HULL NO. 4510

2 STBD INNAGE TABLE

GAUGE HEIGHT: 16'-5 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.67	0	337.67	0	674.61	0	1,018.17	0	1,361.79	0	1,705.12	0	2,048.40	0	2,392.08	0	2,735.76	0	3,079.24
1/4	16.25	1/4	344.83	1/4	681.77	1/4	1,025.32	1/4	1,368.95	1/4	1,712.24	1/4	2,055.56	1/4	2,399.24	1/4	2,742.92	1/4	3,086.40
1/2	19.83	1/2	351.99	1/2	688.93	1/2	1,032.48	1/2	1,376.11	1/2	1,719.36	1/2	2,062.72	1/2	2,406.00	1/2	2,750.08	1/2	3,093.55
3/4	25.80	3/4	359.15	3/4	696.09	3/4	1,039.64	3/4	1,383.27	3/4	1,726.49	3/4	2,069.88	3/4	2,413.56	3/4	2,757.24	3/4	3,100.71
1	31.76	1	366.31	1	703.25	1	1,046.79	1	1,390.43	1	1,733.62	1	2,077.04	1	2,420.72	1	2,764.40	1	3,107.86
1/4	37.73	1/4	373.47	1/4	710.41	1/4	1,053.95	1/4	1,397.59	1/4	1,740.76	1/4	2,084.20	1/4	2,427.78	1/4	2,771.56	1/4	3,115.02
1/2	43.70	1/2	380.63	1/2	717.57	1/2	1,061.11	1/2	1,404.75	1/2	1,747.89	1/2	2,091.36	1/2	2,435.04	1/2	2,778.88	1/2	3,122.17
3/4	50.59	3/4	387.79	3/4	724.73	3/4	1,068.26	3/4	1,411.91	3/4	1,755.02	3/4	2,098.52	3/4	2,442.20	3/4	2,785.88	3/4	3,129.33
2	57.47	2	394.95	2	731.89	2	1,075.42	2	1,419.07	2	1,762.16	2	2,105.68	2	2,449.36	2	2,793.04	2	3,136.48
1/4	64.36	1/4	402.12	1/4	739.05	1/4	1,082.57	1/4	1,426.23	1/4	1,769.29	1/4	2,112.84	1/4	2,456.52	1/4	2,800.20	1/4	3,143.64
1/2	71.25	1/2	409.28	1/2	746.21	1/2	1,089.73	1/2	1,433.39	1/2	1,776.43	1/2	2,120.00	1/2	2,463.68	1/2	2,807.36	1/2	3,150.79
3/4	78.08	3/4	416.38	3/4	753.37	3/4	1,096.89	3/4	1,440.55	3/4	1,783.56	3/4	2,127.16	3/4	2,470.84	3/4	2,814.51	3/4	3,157.94
3	84.91	3	423.49	3	760.53	3	1,104.04	3	1,447.71	3	1,790.69	3	2,134.32	3	2,478.00	3	2,821.67	3	3,165.10
1/4	91.75	1/4	430.59	1/4	767.69	1/4	1,111.20	1/4	1,454.87	1/4	1,797.83	1/4	2,141.48	1/4	2,485.16	1/4	2,828.82	1/4	3,172.25
1/2	98.58	1/2	437.70	1/2	774.85	1/2	1,118.36	1/2	1,462.03	1/2	1,804.96	1/2	2,148.64	1/2	2,492.32	1/2	2,835.98	1/2	3,179.41
3/4	105.41	3/4	444.53	3/4	782.01	3/4	1,125.51	3/4	1,469.19	3/4	1,812.12	3/4	2,155.80	3/4	2,499.48	3/4	2,843.13	3/4	3,186.56
4	112.24	4	451.37	4	789.17	4	1,132.67	4	1,476.35	4	1,819.28	4	2,162.96	4	2,506.64	4	2,850.29	4	3,193.72
1/4	119.08	1/4	458.20	1/4	796.33	1/4	1,139.83	1/4	1,483.51	1/4	1,826.44	1/4	2,170.12	1/4	2,513.80	1/4	2,857.44	1/4	3,200.87
1/2	125.91	1/2	465.03	1/2	803.49	1/2	1,146.98	1/2	1,490.67	1/2	1,833.60	1/2	2,177.28	1/2	2,520.96	1/2	2,864.60	1/2	3,208.03
3/4	132.74	3/4	471.87	3/4	810.64	3/4	1,154.14	3/4	1,497.83	3/4	1,840.76	3/4	2,184.44	3/4	2,528.12	3/4	2,871.75	3/4	3,215.18
5	139.58	5	478.70	5	817.80	5	1,161.30	5	1,504.99	5	1,847.92	5	2,191.60	5	2,535.28	5	2,878.91	5	3,222.34
1/4	146.41	1/4	485.53	1/4	824.95	1/4	1,168.46	1/4	1,512.15	1/4	1,855.08	1/4	2,198.76	1/4	2,542.44	1/4	2,886.06	1/4	3,229.49
1/2	153.24	1/2	492.37	1/2	832.11	1/2	1,175.62	1/2	1,519.31	1/2	1,862.24	1/2	2,205.92	1/2	2,549.60	1/2	2,893.22	1/2	3,236.65
3/4	160.08	3/4	499.20	3/4	839.27	3/4	1,182.78	3/4	1,526.47	3/4	1,869.40	3/4	2,213.08	3/4	2,556.76	3/4	2,900.37	3/4	3,243.80
6	166.91	6	506.03	6	846.42	6	1,189.94	6	1,533.63	6	1,876.56	6	2,220.24	6	2,563.92	6	2,907.53	6	3,250.96
1/4	173.74	1/4	512.86	1/4	853.58	1/4	1,197.10	1/4	1,540.79	1/4	1,883.72	1/4	2,227.40	1/4	2,571.08	1/4	2,914.68	1/4	3,258.11
1/2	180.57	1/2	519.70	1/2	860.73	1/2	1,204.27	1/2	1,547.95	1/2	1,890.88	1/2	2,234.56	1/2	2,578.24	1/2	2,921.84	1/2	3,265.27
3/4	187.68	3/4	526.53	3/4	867.89	3/4	1,211.43	3/4	1,555.11	3/4	1,898.04	3/4	2,241.72	3/4	2,585.40	3/4	2,928.99	3/4	3,272.42
7	194.79	7	533.36	7	875.04	7	1,218.59	7	1,562.27	7	1,905.20	7	2,248.88	7	2,592.56	7	2,936.15	7	3,279.58
1/4	201.89	1/4	540.20	1/4	882.20	1/4	1,225.75	1/4	1,569.43	1/4	1,912.36	1/4	2,256.04	1/4	2,599.72	1/4	2,943.30	1/4	3,286.73
1/2	209.00	1/2	547.03	1/2	889.35	1/2	1,232.91	1/2	1,576.59	1/2	1,919.52	1/2	2,263.20	1/2	2,606.88	1/2	2,950.46	1/2	3,293.89
3/4	216.11	3/4	553.86	3/4	896.51	3/4	1,240.07	3/4	1,583.75	3/4	1,926.68	3/4	2,270.36	3/4	2,614.04	3/4	2,957.61	3/4	3,301.04
8	223.21	8	560.70	8	903.67	8	1,247.23	8	1,590.91	8	1,933.84	8	2,277.52	8	2,621.20	8	2,964.77	8	3,308.20
1/4	230.32	1/4	567.53	1/4	910.82	1/4	1,254.39	1/4	1,598.07	1/4	1,941.00	1/4	2,284.68	1/4	2,628.36	1/4	2,971.92	1/4	3,315.35
1/2	237.43	1/2	574.36	1/2	917.98	1/2	1,261.55	1/2	1,605.23	1/2	1,948.16	1/2	2,291.84	1/2	2,635.52	1/2	2,979.07	1/2	3,322.51
3/4	244.59	3/4	581.52	3/4	925.13	3/4	1,268.71	3/4	1,612.39	3/4	1,955.32	3/4	2,299.00	3/4	2,642.68	3/4	2,986.23	3/4	3,329.66
9	251.75	9	588.68	9	932.29	9	1,275.87	9	1,619.55	9	1,962.48	9	2,306.16	9	2,649.84	9	2,993.38	9	3,336.81
1/4	258.91	1/4	595.84	1/4	939.45	1/4	1,283.03	1/4	1,626.71	1/4	1,969.64	1/4	2,313.32	1/4	2,657.00	1/4	3,000.54	1/4	3,343.97
1/2	266.07	1/2	603.00	1/2	946.60	1/2	1,290.19	1/2	1,633.87	1/2	1,976.80	1/2	2,320.48	1/2	2,664.16	1/2	3,007.69	1/2	3,351.12
3/4	273.23	3/4	610.16	3/4	953.76	3/4	1,297.35	3/4	1,641.01	3/4	1,983.96	3/4	2,327.64	3/4	2,671.32	3/4	3,014.85	3/4	3,358.28
10	280.39	10	617.32	10	960.92	10	1,304.51	10	1,648.14	10	1,991.12	10	2,334.80	10	2,678.48	10	3,022.00	10	3,365.43
1/4	287.55	1/4	624.48	1/4	968.07	1/4	1,311.67	1/4	1,655.28	1/4	1,998.28	1/4	2,341.96	1/4	2,685.64	1/4	3,029.16	1/4	3,372.59
1/2	294.71	1/2	631.64	1/2	975.23	1/2	1,318.83	1/2	1,662.41	1/2	2,005.44	1/2	2,349.12	1/2	2,692.80	1/2	3,036.31	1/2	3,379.74
3/4	301.87	3/4	638.80	3/4	982.38	3/4	1,325.99	3/4	1,669.53	3/4	2,012.60	3/4	2,356.28	3/4	2,699.96	3/4	3,043.47	3/4	3,386.90
11	309.03	11	645.97	11	989.54	11	1,333.15	11	1,676.65	11	2,019.76	11	2,363.44	11	2,707.12	11	3,050.62	11	3,394.05
1/4	316.19	1/4	653.13	1/4	996.70	1/4	1,340.31	1/4	1,683.76	1/4	2,026.92	1/4	2,370.60	1/4	2,714.28	1/4	3,057.78	1/4	3,401.21
1/2	323.35	1/2	660.29	1/2	1,003.85	1/2	1,347.47	1/2	1,690.88	1/2	2,034.08	1/2	2,377.76	1/2	2,721.44	1/2	3,064.93	1/2	3,408.36
3/4	330.51	3/4	667.45	3/4	1,011.01	3/4	1,354.63	3/4	1,698.00	3/4	2,041.24	3/4	2,384.92	3/4	2,728.60	3/4	3,072.09	3/4	3,415.52

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP UP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 11'-0" 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



Bob A. Rose



BARGE "RBT 316"
HULL NO. 4510

2 STBD
INNAGE TABLE

GAUGE HEIGHT: 16'- 5 3/4"

IN	10. FT.	IN	11. FT.	IN	12. FT.	IN	13. FT.	IN	14. FT.	IN	15. FT.	IN	16. FT.	IN	17. FT.	IN	18. FT.	IN	19. FT.
0	3,422.67	0	3,766.10	0	4,109.53	0	4,451.99	0	4,793.30	0		0		0		0		0	
1/4	3,429.83	1/4	3,773.26	1/4	4,116.69	1/4	4,459.10	1/4	4,800.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,436.98	1/2	3,780.41	1/2	4,123.84	1/2	4,466.21	1/2	4,807.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,444.14	3/4	3,787.57	3/4	4,131.00	3/4	4,473.32	3/4	4,814.63	3/4		3/4		3/4		3/4		3/4	
1	3,451.29	1	3,794.72	1	4,138.15	1	4,480.43	1	4,821.74	1		1		1		1		1	
1/4	3,458.45	1/4	3,801.88	1/4	4,145.31	1/4	4,487.54	1/4	4,828.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,465.60	1/2	3,809.03	1/2	4,152.46	1/2	4,494.65	1/2	4,835.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,472.76	3/4	3,816.19	3/4	4,159.62	3/4	4,501.77	3/4	4,843.07	3/4		3/4		3/4		3/4		3/4	
2	3,479.91	2	3,823.34	2	4,166.77	2	4,508.88	2	4,850.18	2		2		2		2		2	
1/4	3,487.07	1/4	3,830.50	1/4	4,173.93	1/4	4,515.99	1/4	4,857.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,494.22	1/2	3,837.65	1/2	4,181.08	1/2	4,523.10	1/2	4,864.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,501.38	3/4	3,844.81	3/4	4,188.24	3/4	4,530.21	3/4	4,871.51	3/4		3/4		3/4		3/4		3/4	
3	3,508.53	3	3,851.96	3	4,195.39	3	4,537.32	3	4,878.61	3		3		3		3		3	
1/4	3,515.68	1/4	3,859.12	1/4	4,202.55	1/4	4,544.43	1/4	4,885.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,522.84	1/2	3,866.27	1/2	4,209.70	1/2	4,551.54	1/2	4,892.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,529.99	3/4	3,873.42	3/4	4,216.86	3/4	4,558.65	3/4	4,899.92	3/4		3/4		3/4		3/4		3/4	
4	3,537.15	4	3,880.58	4	4,224.01	4	4,565.76	4	4,907.02	4		4		4		4		4	
1/4	3,544.30	1/4	3,887.73	1/4	4,231.16	1/4	4,572.87	1/4	4,914.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,551.46	1/2	3,894.89	1/2	4,238.32	1/2	4,579.98	1/2	4,921.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,558.61	3/4	3,902.04	3/4	4,245.47	3/4	4,587.09	3/4	4,928.33	3/4		3/4		3/4		3/4		3/4	
5	3,565.77	5	3,909.20	5	4,252.63	5	4,594.20	5	4,935.43	5		5		5		5		5	
1/4	3,572.92	1/4	3,916.35	1/4	4,259.78	1/4	4,601.31	1/4	4,942.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,580.08	1/2	3,923.51	1/2	4,266.94	1/2	4,608.42	1/2	4,949.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.23	3/4	3,930.66	3/4	4,274.09	3/4	4,615.54	3/4	4,956.74	3/4		3/4		3/4		3/4		3/4	
6	3,594.39	6	3,937.82	6	4,281.25	6	4,622.65	6	4,963.85	6		6		6		6		6	
1/4	3,601.54	1/4	3,944.97	1/4	4,288.40	1/4	4,629.76	1/4	4,970.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.70	1/2	3,952.13	1/2	4,295.56	1/2	4,636.87	1/2	4,978.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.85	3/4	3,959.28	3/4	4,302.67	3/4	4,643.98	3/4	4,985.15	3/4		3/4		3/4		3/4		3/4	
7	3,623.01	7	3,966.44	7	4,309.78	7	4,651.09	7	4,992.26	7		7		7		7		7	
1/4	3,630.16	1/4	3,973.59	1/4	4,316.89	1/4	4,658.20	1/4	4,999.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.32	1/2	3,980.75	1/2	4,324.00	1/2	4,665.31	1/2	5,006.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.47	3/4	3,987.90	3/4	4,331.11	3/4	4,672.42	3/4	5,013.56	3/4		3/4		3/4		3/4		3/4	
8	3,651.63	8	3,995.06	8	4,338.22	8	4,679.53	8	5,020.67	8		8		8		8		8	
1/4	3,658.78	1/4	4,002.21	1/4	4,345.33	1/4	4,686.64	1/4	5,027.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.94	1/2	4,009.37	1/2	4,352.44	1/2	4,693.75	1/2	5,034.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.09	3/4	4,016.52	3/4	4,359.55	3/4	4,700.86	3/4	5,041.98	3/4		3/4		3/4		3/4		3/4	
9	3,680.25	9	4,023.68	9	4,366.66	9	4,707.97	9	5,047.90	9		9		9		9		9	
1/4	3,687.40	1/4	4,030.83	1/4	4,373.77	1/4	4,715.08	1/4	5,054.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,694.55	1/2	4,037.99	1/2	4,380.89	1/2	4,722.19	1/2	5,060.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,701.71	3/4	4,045.14	3/4	4,388.00	3/4	4,729.30	3/4	5,066.24	3/4		3/4		3/4		3/4		3/4	
10	3,708.86	10	4,052.29	10	4,395.11	10	4,736.42	10	5,071.55	10		10		10		10		10	
1/4	3,716.02	1/4	4,059.45	1/4	4,402.22	1/4	4,743.53	1/4	5,076.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,723.17	1/2	4,066.60	1/2	4,409.33	1/2	4,750.64	1/2	5,082.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,730.33	3/4	4,073.76	3/4	4,416.44	3/4	4,757.75	3/4	5,086.31	3/4		3/4		3/4		3/4		3/4	
11	3,737.48	11	4,080.91	11	4,423.55	11	4,764.86	11	5,090.44	11		11		11		11		11	
1/4	3,744.64	1/4	4,088.07	1/4	4,430.66	1/4	4,771.97	1/4	5,094.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,751.79	1/2	4,095.22	1/2	4,437.77	1/2	4,779.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,758.95	3/4	4,102.38	3/4	4,444.88	3/4	4,786.19	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



Bill A. Brown



BARGE "RBT 316"

HULL NO. 4510

3 PORT INNAGE TABLE

GAUGE HEIGHT: 16'-6"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.38	0	357.58	0	714.21	0	1,077.09	0	1,440.21	0	1,802.67	0	2,165.57	0	2,529.11	0	2,891.95	0	3,253.90
1/4	17.17	1/4	365.15	1/4	721.78	1/4	1,084.64	1/4	1,447.79	1/4	1,810.06	1/4	2,173.15	1/4	2,536.68	1/4	2,899.49	1/4	3,261.44
1/2	20.97	1/2	372.73	1/2	729.36	1/2	1,092.20	1/2	1,455.37	1/2	1,817.46	1/2	2,180.72	1/2	2,544.25	1/2	2,907.03	1/2	3,268.98
3/4	27.29	3/4	380.31	3/4	736.93	3/4	1,099.75	3/4	1,462.94	3/4	1,825.01	3/4	2,188.29	3/4	2,551.83	3/4	2,914.57	3/4	3,276.52
1	33.61	1	387.88	1	744.51	1	1,107.31	1	1,470.52	1	1,832.55	1	2,195.87	1	2,559.40	1	2,922.12	1	3,284.06
1/4	39.94	1/4	393.46	1/4	752.09	1/4	1,114.87	1/4	1,480.09	1/4	1,840.10	1/4	2,203.44	1/4	2,566.97	1/4	2,929.66	1/4	3,291.60
1/2	46.26	1/2	403.03	1/2	759.66	1/2	1,122.42	1/2	1,485.67	1/2	1,847.65	1/2	2,211.01	1/2	2,574.55	1/2	2,937.20	1/2	3,299.15
3/4	53.56	3/4	410.61	3/4	767.24	3/4	1,129.98	3/4	1,493.25	3/4	1,855.20	3/4	2,218.59	3/4	2,582.12	3/4	2,944.74	3/4	3,306.69
2	60.86	2	418.19	2	774.81	2	1,137.53	2	1,500.82	2	1,862.74	2	2,226.16	2	2,589.70	2	2,952.28	2	3,314.23
1/4	68.17	1/4	425.76	1/4	782.39	1/4	1,145.09	1/4	1,508.40	1/4	1,870.29	1/4	2,233.74	1/4	2,597.27	1/4	2,959.82	1/4	3,321.77
1/2	75.47	1/2	433.34	1/2	789.97	1/2	1,152.65	1/2	1,515.97	1/2	1,877.84	1/2	2,241.31	1/2	2,604.85	1/2	2,967.36	1/2	3,329.31
3/4	82.71	3/4	440.86	3/4	797.52	3/4	1,160.20	3/4	1,523.55	3/4	1,885.38	3/4	2,248.88	3/4	2,612.43	3/4	2,974.90	3/4	3,336.85
3	89.96	3	448.38	3	805.08	3	1,167.76	3	1,531.13	3	1,892.93	3	2,256.46	3	2,620.00	3	2,982.44	3	3,344.39
1/4	97.21	1/4	455.90	1/4	812.63	1/4	1,175.31	1/4	1,538.70	1/4	1,900.48	1/4	2,264.03	1/4	2,627.58	1/4	2,989.98	1/4	3,351.93
1/2	104.46	1/2	463.43	1/2	820.19	1/2	1,182.87	1/2	1,546.28	1/2	1,908.02	1/2	2,271.60	1/2	2,635.15	1/2	2,997.52	1/2	3,359.47
3/4	111.70	3/4	470.66	3/4	827.75	3/4	1,190.43	3/4	1,553.85	3/4	1,915.60	3/4	2,279.18	3/4	2,642.73	3/4	3,005.06	3/4	3,367.01
4	118.95	4	477.90	4	835.30	4	1,197.98	4	1,561.43	4	1,923.17	4	2,286.75	4	2,650.30	4	3,012.60	4	3,374.55
1/4	126.20	1/4	485.13	1/4	842.86	1/4	1,205.54	1/4	1,569.01	1/4	1,930.75	1/4	2,294.32	1/4	2,657.88	1/4	3,020.14	1/4	3,382.09
1/2	133.45	1/2	492.37	1/2	850.41	1/2	1,213.09	1/2	1,576.58	1/2	1,938.33	1/2	2,301.90	1/2	2,665.45	1/2	3,027.68	1/2	3,389.63
3/4	140.68	3/4	499.61	3/4	857.97	3/4	1,220.65	3/4	1,584.16	3/4	1,945.90	3/4	2,309.47	3/4	2,673.03	3/4	3,035.22	3/4	3,397.17
5	147.92	5	506.84	5	865.52	5	1,228.21	5	1,591.73	5	1,953.48	5	2,317.05	5	2,680.61	5	3,042.76	5	3,404.71
1/4	155.16	1/4	514.08	1/4	873.08	1/4	1,235.76	1/4	1,599.31	1/4	1,961.05	1/4	2,324.62	1/4	2,688.18	1/4	3,050.31	1/4	3,412.25
1/2	162.39	1/2	521.31	1/2	880.64	1/2	1,243.32	1/2	1,606.89	1/2	1,968.63	1/2	2,332.19	1/2	2,695.76	1/2	3,057.85	1/2	3,419.79
3/4	169.63	3/4	528.55	3/4	888.19	3/4	1,250.87	3/4	1,614.46	3/4	1,976.20	3/4	2,339.77	3/4	2,703.33	3/4	3,065.39	3/4	3,427.34
6	176.86	6	535.78	6	895.75	6	1,258.43	6	1,622.04	6	1,983.78	6	2,347.34	6	2,710.91	6	3,072.93	6	3,434.88
1/4	184.10	1/4	543.02	1/4	903.30	1/4	1,265.99	1/4	1,629.61	1/4	1,991.35	1/4	2,354.91	1/4	2,718.48	1/4	3,080.47	1/4	3,442.42
1/2	191.34	1/2	550.26	1/2	910.86	1/2	1,273.54	1/2	1,637.19	1/2	1,998.93	1/2	2,362.49	1/2	2,726.06	1/2	3,088.01	1/2	3,449.96
3/4	198.86	3/4	557.49	3/4	918.41	3/4	1,281.12	3/4	1,644.77	3/4	2,006.51	3/4	2,370.06	3/4	2,733.60	3/4	3,095.55	3/4	3,457.50
7	206.38	7	564.73	7	925.97	7	1,288.69	7	1,652.34	7	2,014.08	7	2,377.63	7	2,741.14	7	3,103.09	7	3,465.04
1/4	213.90	1/4	571.96	1/4	933.52	1/4	1,296.27	1/4	1,659.92	1/4	2,021.66	1/4	2,385.21	1/4	2,748.68	1/4	3,110.63	1/4	3,472.58
1/2	221.42	1/2	579.20	1/2	941.08	1/2	1,303.85	1/2	1,667.49	1/2	2,029.23	1/2	2,392.78	1/2	2,756.22	1/2	3,118.17	1/2	3,480.12
3/4	228.95	3/4	586.44	3/4	948.64	3/4	1,311.42	3/4	1,675.07	3/4	2,036.81	3/4	2,400.35	3/4	2,763.76	3/4	3,125.71	3/4	3,487.66
8	236.47	8	593.67	8	956.19	8	1,319.00	8	1,682.65	8	2,044.38	8	2,407.93	8	2,771.30	8	3,133.25	8	3,495.20
1/4	243.99	1/4	600.91	1/4	963.75	1/4	1,326.57	1/4	1,690.22	1/4	2,051.96	1/4	2,415.50	1/4	2,778.84	1/4	3,140.79	1/4	3,502.74
1/2	251.51	1/2	608.14	1/2	971.30	1/2	1,334.15	1/2	1,697.80	1/2	2,059.53	1/2	2,423.08	1/2	2,786.38	1/2	3,148.33	1/2	3,510.28
3/4	259.09	3/4	615.72	3/4	978.86	3/4	1,341.73	3/4	1,705.37	3/4	2,067.11	3/4	2,430.65	3/4	2,793.93	3/4	3,155.87	3/4	3,517.82
9	266.47	9	623.29	9	986.41	9	1,349.30	9	1,712.95	9	2,074.69	9	2,438.22	9	2,801.47	9	3,163.41	9	3,525.36
1/4	274.24	1/4	630.87	1/4	993.97	1/4	1,356.88	1/4	1,720.53	1/4	2,082.26	1/4	2,445.80	1/4	2,809.01	1/4	3,170.96	1/4	3,532.90
1/2	281.82	1/2	638.45	1/2	1,001.53	1/2	1,364.45	1/2	1,728.10	1/2	2,089.84	1/2	2,453.37	1/2	2,816.55	1/2	3,178.50	1/2	3,540.44
3/4	289.39	3/4	646.02	3/4	1,009.64	3/4	1,372.03	3/4	1,733.65	3/4	2,097.91	3/4	2,460.94	3/4	2,824.09	3/4	3,186.04	3/4	3,547.99
10	296.97	10	653.60	10	1,016.64	10	1,379.61	10	1,743.19	10	2,104.98	10	2,468.52	10	2,831.63	10	3,193.58	10	3,555.53
1/4	304.55	1/4	661.17	1/4	1,024.19	1/4	1,387.18	1/4	1,750.74	1/4	2,112.56	1/4	2,476.09	1/4	2,839.17	1/4	3,201.12	1/4	3,563.07
1/2	312.12	1/2	668.75	1/2	1,031.75	1/2	1,394.76	1/2	1,758.29	1/2	2,120.13	1/2	2,484.71	1/2	2,846.71	1/2	3,208.66	1/2	3,570.61
3/4	319.70	3/4	676.33	3/4	1,039.31	3/4	1,402.33	3/4	1,765.69	3/4	2,127.71	3/4	2,491.24	3/4	2,854.25	3/4	3,216.20	3/4	3,578.15
11	327.27	11	683.90	11	1,046.86	11	1,409.91	11	1,773.08	11	2,135.28	11	2,498.81	11	2,861.79	11	3,223.74	11	3,585.69
1/4	334.85	1/4	691.48	1/4	1,054.42	1/4	1,417.49	1/4	1,780.48	1/4	2,142.85	1/4	2,506.39	1/4	2,869.33	1/4	3,231.28	1/4	3,593.23
1/2	342.43	1/2	699.05	1/2	1,061.97	1/2	1,425.06	1/2	1,787.87	1/2	2,150.43	1/2	2,513.96	1/2	2,876.87	1/2	3,238.82	1/2	3,600.77
3/4	350.00	3/4	706.63	3/4	1,069.53	3/4	1,432.64	3/4	1,795.27	3/4	2,158.00	3/4	2,521.53	3/4	2,884.41	3/4	3,246.36	3/4	3,608.31

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'-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



Det. A. Ben



BARGE "RBT 316"
HULL NO. 4510

3 PORT
INNAGE TABLE

GAUGE HEIGHT: 16'- 6"

IN	10. FT.	IN	11. FT.	IN	12. FT.	IN	13. FT.	IN	14. FT.	IN	15. FT.	IN	16. FT.	IN	17. FT.	IN	18. FT.	IN	19. FT.
0	3,615.85	0	3,903.56	0	4,042.67	0	4,180.55	0	4,318.43	0		0		0		0		0	
1/4	3,623.39	1/4	3,906.77	1/4	4,045.55	1/4	4,183.43	1/4	4,321.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,630.93	1/2	3,909.98	1/2	4,048.42	1/2	4,186.30	1/2	4,324.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,638.02	3/4	3,912.87	3/4	4,051.29	3/4	4,189.17	3/4	4,327.05	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,645.12	1	3,915.76	1	4,054.16	1	4,192.04	1	4,329.92	1	1	1	1	1	1	1	1	1	1
1/4	3,652.21	1/4	3,918.65	1/4	4,057.04	1/4	4,194.92	1/4	4,332.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,659.30	1/2	3,921.54	1/2	4,059.91	1/2	4,197.79	1/2	4,335.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,666.40	3/4	3,924.43	3/4	4,062.78	3/4	4,200.66	3/4	4,338.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,673.49	2	3,927.32	2	4,065.65	2	4,203.53	2	4,341.41	2	2	2	2	2	2	2	2	2	2
1/4	3,680.58	1/4	3,930.21	1/4	4,068.53	1/4	4,206.41	1/4	4,344.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,687.67	1/2	3,933.10	1/2	4,071.40	1/2	4,209.28	1/2	4,347.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,694.77	3/4	3,935.99	3/4	4,074.27	3/4	4,212.15	3/4	4,350.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,701.86	3	3,938.88	3	4,077.14	3	4,215.02	3	4,352.84	3	3	3	3	3	3	3	3	3	3
1/4	3,708.95	1/4	3,941.77	1/4	4,080.02	1/4	4,217.90	1/4	4,355.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,716.05	1/2	3,944.66	1/2	4,082.89	1/2	4,220.77	1/2	4,358.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,723.14	3/4	3,947.55	3/4	4,085.76	3/4	4,223.64	3/4	4,361.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,730.23	4	3,950.44	4	4,088.63	4	4,226.51	4	4,364.19	4	4	4	4	4	4	4	4	4	4
1/4	3,737.33	1/4	3,953.33	1/4	4,091.51	1/4	4,229.39	1/4	4,367.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,744.42	1/2	3,956.22	1/2	4,094.38	1/2	4,232.26	1/2	4,369.86	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,751.51	3/4	3,959.11	3/4	4,097.25	3/4	4,235.13	3/4	4,372.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,758.60	5	3,962.00	5	4,100.12	5	4,238.00	5	4,375.54	5	5	5	5	5	5	5	5	5	5
1/4	3,765.70	1/4	3,964.89	1/4	4,103.00	1/4	4,240.88	1/4	4,378.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,772.79	1/2	3,967.78	1/2	4,105.87	1/2	4,243.75	1/2	4,381.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,779.88	3/4	3,970.67	3/4	4,108.74	3/4	4,246.62	3/4	4,384.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,786.98	6	3,973.56	6	4,111.61	6	4,249.49	6	4,386.89	6	6	6	6	6	6	6	6	6	6
1/4	3,794.07	1/4	3,976.45	1/4	4,114.49	1/4	4,252.37	1/4	4,389.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,801.16	1/2	3,979.34	1/2	4,117.36	1/2	4,255.24	1/2	4,392.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,807.51	3/4	3,982.23	3/4	4,120.23	3/4	4,258.11	3/4	4,395.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,813.85	7	3,985.12	7	4,123.10	7	4,260.98	7	4,398.25	7	7	7	7	7	7	7	7	7	7
1/4	3,820.20	1/4	3,988.01	1/4	4,125.98	1/4	4,263.86	1/4	4,401.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,826.54	1/2	3,990.90	1/2	4,128.85	1/2	4,266.73	1/2	4,403.92	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,832.10	3/4	3,993.79	3/4	4,131.72	3/4	4,269.60	3/4	4,406.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,837.67	8	3,996.68	8	4,134.59	8	4,272.47	8	4,409.60	8	8	8	8	8	8	8	8	8	8
1/4	3,843.23	1/4	3,999.57	1/4	4,137.47	1/4	4,275.35	1/4	4,412.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,848.79	1/2	4,002.46	1/2	4,140.34	1/2	4,278.22	1/2	4,415.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,853.57	3/4	4,005.33	3/4	4,143.21	3/4	4,281.09	3/4	4,417.87	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,858.35	9	4,008.20	9	4,146.08	9	4,283.96	9	4,420.47	9	9	9	9	9	9	9	9	9	9
1/4	3,863.13	1/4	4,011.08	1/4	4,148.96	1/4	4,286.84	1/4	4,423.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,867.90	1/2	4,013.95	1/2	4,151.83	1/2	4,289.71	1/2	4,425.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,872.00	3/4	4,016.82	3/4	4,154.70	3/4	4,292.58	3/4	4,427.78	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,876.09	10	4,019.69	10	4,157.57	10	4,295.45	10	4,429.90	10	10	10	10	10	10	10	10	10	10
1/4	3,880.19	1/4	4,022.57	1/4	4,160.45	1/4	4,298.33	1/4	4,432.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,884.28	1/2	4,025.44	1/2	4,163.32	1/2	4,301.20	1/2	4,434.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,887.49	3/4	4,028.31	3/4	4,166.19	3/4	4,304.07	3/4	4,435.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,890.71	11	4,031.18	11	4,169.06	11	4,306.94	11	4,437.40	11	11	11	11	11	11	11	11	11	11
1/4	3,893.92	1/4	4,034.06	1/4	4,171.94	1/4	4,309.82	1/4	4,439.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,897.13	1/2	4,036.93	1/2	4,174.81	1/2	4,312.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,900.35	3/4	4,039.80	3/4	4,177.68	3/4	4,315.56	3/4		3/4	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 A Ben



BARGE "RBT 316"

HULL NO. 4510

3 STBD

INNAGE TABLE

GAUGE HEIGHT: 16'- 5 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.39	0	352.41	0	709.80	0	1,073.92	0	1,437.91	0	1,801.17	0	2,164.93	0	2,529.33	0	2,892.96	0	3,255.67
1/4	17.18	1/4	360.00	1/4	717.39	1/4	1,081.51	1/4	1,445.50	1/4	1,808.59	1/4	2,172.52	1/4	2,536.92	1/4	2,900.51	1/4	3,263.23
1/2	20.98	1/2	367.59	1/2	724.99	1/2	1,089.10	1/2	1,453.09	1/2	1,816.00	1/2	2,180.12	1/2	2,544.51	1/2	2,908.07	1/2	3,270.79
3/4	27.31	3/4	375.18	3/4	732.58	3/4	1,096.68	3/4	1,460.68	3/4	1,831.14	3/4	2,187.71	3/4	2,552.10	3/4	2,915.63	3/4	3,278.34
1	33.63	1	382.77	1	740.17	1	1,104.27	1	1,468.27	1	1,831.14	1	2,195.30	1	2,559.70	1	2,923.18	1	3,285.90
1/4	39.96	1/4	390.37	1/4	747.76	1/4	1,111.85	1/4	1,475.87	1/4	1,838.71	1/4	2,202.89	1/4	2,567.29	1/4	2,936.74	1/4	3,293.46
1/2	46.29	1/2	397.96	1/2	755.35	1/2	1,119.44	1/2	1,483.46	1/2	1,846.27	1/2	2,210.48	1/2	2,574.88	1/2	2,938.30	1/2	3,301.01
3/4	53.30	3/4	405.55	3/4	762.95	3/4	1,127.02	3/4	1,491.05	3/4	1,853.84	3/4	2,218.07	3/4	2,582.47	3/4	2,945.85	3/4	3,308.57
2	60.32	2	413.14	2	770.54	2	1,134.61	2	1,498.64	2	1,861.41	2	2,225.67	2	2,590.06	2	2,953.41	2	3,316.13
1/4	67.34	1/4	420.73	1/4	778.13	1/4	1,142.19	1/4	1,506.23	1/4	1,868.98	1/4	2,233.26	1/4	2,597.65	1/4	2,960.97	1/4	3,323.68
1/2	74.36	1/2	428.33	1/2	785.72	1/2	1,149.78	1/2	1,513.82	1/2	1,876.55	1/2	2,240.85	1/2	2,605.25	1/2	2,968.52	1/2	3,331.24
3/4	81.33	3/4	435.86	3/4	793.31	3/4	1,157.35	3/4	1,521.42	3/4	1,884.11	3/4	2,248.44	3/4	2,612.84	3/4	2,976.08	3/4	3,338.80
3	88.29	3	443.40	3	800.90	3	1,164.93	3	1,529.01	3	1,891.68	3	2,256.03	3	2,620.43	3	2,983.64	3	3,346.35
1/4	95.26	1/4	450.94	1/4	808.49	1/4	1,172.50	1/4	1,536.60	1/4	1,899.25	1/4	2,263.62	1/4	2,628.02	1/4	2,991.19	1/4	3,353.91
1/2	102.23	1/2	458.48	1/2	816.08	1/2	1,180.07	1/2	1,544.19	1/2	1,906.82	1/2	2,271.22	1/2	2,635.61	1/2	2,998.75	1/2	3,361.47
3/4	109.19	3/4	465.73	3/4	823.66	3/4	1,187.65	3/4	1,551.78	3/4	1,914.41	3/4	2,278.81	3/4	2,643.20	3/4	2,998.31	3/4	3,369.02
4	116.16	4	472.98	4	831.25	4	1,195.22	4	1,559.37	4	1,922.00	4	2,286.40	4	2,650.80	4	3,013.86	4	3,376.58
1/4	123.12	1/4	480.23	1/4	838.83	1/4	1,202.79	1/4	1,566.96	1/4	1,929.59	1/4	2,293.99	1/4	2,658.39	1/4	3,021.42	1/4	3,384.14
1/2	130.09	1/2	487.48	1/2	846.42	1/2	1,210.37	1/2	1,574.56	1/2	1,937.19	1/2	2,301.58	1/2	2,665.98	1/2	3,028.98	1/2	3,391.69
3/4	137.05	3/4	494.74	3/4	854.00	3/4	1,217.95	3/4	1,582.15	3/4	1,944.78	3/4	2,309.17	3/4	2,673.57	3/4	3,036.53	3/4	3,399.25
5	144.02	5	501.99	5	861.59	5	1,225.52	5	1,589.74	5	1,952.37	5	2,316.77	5	2,681.16	5	3,044.09	5	3,406.81
1/4	150.99	1/4	509.24	1/4	869.17	1/4	1,233.10	1/4	1,597.33	1/4	1,959.96	1/4	2,324.36	1/4	2,688.75	1/4	3,051.65	1/4	3,414.36
1/2	157.95	1/2	516.49	1/2	876.75	1/2	1,240.68	1/2	1,604.92	1/2	1,967.55	1/2	2,331.95	1/2	2,696.35	1/2	3,059.20	1/2	3,421.92
3/4	164.92	3/4	523.74	3/4	884.33	3/4	1,248.25	3/4	1,612.51	3/4	1,975.13	3/4	2,339.54	3/4	2,703.94	3/4	3,066.76	3/4	3,429.48
6	171.88	6	531.00	6	891.91	6	1,255.83	6	1,620.11	6	1,982.73	6	2,347.13	6	2,711.53	6	3,074.32	6	3,437.03
1/4	178.85	1/4	538.25	1/4	899.50	1/4	1,263.41	1/4	1,627.70	1/4	1,990.33	1/4	2,354.72	1/4	2,719.12	1/4	3,081.87	1/4	3,444.59
1/2	185.81	1/2	545.50	1/2	907.08	1/2	1,270.99	1/2	1,635.29	1/2	1,997.92	1/2	2,362.31	1/2	2,726.71	1/2	3,089.43	1/2	3,452.15
3/4	193.35	3/4	552.75	3/4	914.66	3/4	1,278.57	3/4	1,642.88	3/4	2,005.51	3/4	2,369.91	3/4	2,734.27	3/4	3,096.99	3/4	3,459.70
7	200.89	7	560.00	7	922.24	7	1,286.15	7	1,650.47	7	2,013.10	7	2,377.50	7	2,741.82	7	3,104.54	7	3,467.26
1/4	208.43	1/4	567.25	1/4	929.83	1/4	1,293.73	1/4	1,658.06	1/4	2,020.68	1/4	2,385.09	1/4	2,749.38	1/4	3,112.10	1/4	3,474.82
1/2	215.97	1/2	574.51	1/2	937.41	1/2	1,301.31	1/2	1,665.66	1/2	2,028.28	1/2	2,392.68	1/2	2,756.94	1/2	3,119.65	1/2	3,482.37
3/4	223.50	3/4	581.76	3/4	944.99	3/4	1,308.89	3/4	1,673.25	3/4	2,035.88	3/4	2,400.27	3/4	2,764.49	3/4	3,127.21	3/4	3,489.93
8	231.04	8	589.01	8	952.57	8	1,316.47	8	1,680.84	8	2,043.47	8	2,407.86	8	2,772.05	8	3,134.77	8	3,497.48
1/4	238.58	1/4	596.26	1/4	960.15	1/4	1,324.05	1/4	1,688.43	1/4	2,051.06	1/4	2,415.46	1/4	2,779.61	1/4	3,142.32	1/4	3,505.04
1/2	246.12	1/2	603.51	1/2	967.74	1/2	1,331.63	1/2	1,696.02	1/2	2,058.65	1/2	2,423.05	1/2	2,787.16	1/2	3,149.88	1/2	3,512.60
3/4	253.71	3/4	611.11	3/4	975.32	3/4	1,339.22	3/4	1,703.61	3/4	2,066.24	3/4	2,430.64	3/4	2,794.72	3/4	3,157.44	3/4	3,520.15
9	261.30	9	618.70	9	982.90	9	1,346.81	9	1,711.21	9	2,073.83	9	2,438.23	9	2,802.28	9	3,164.99	9	3,527.71
1/4	268.89	1/4	626.29	1/4	990.49	1/4	1,354.40	1/4	1,718.80	1/4	2,081.43	1/4	2,445.82	1/4	2,809.83	1/4	3,172.55	1/4	3,535.27
1/2	276.49	1/2	633.88	1/2	998.07	1/2	1,361.99	1/2	1,726.39	1/2	2,089.02	1/2	2,453.41	1/2	2,817.39	1/2	3,180.11	1/2	3,542.82
3/4	284.08	3/4	641.47	3/4	1,005.65	3/4	1,369.58	3/4	1,733.96	3/4	2,096.61	3/4	2,461.01	3/4	2,824.95	3/4	3,187.66	3/4	3,550.38
10	291.67	10	649.07	10	1,013.24	10	1,377.17	10	1,741.52	10	2,104.20	10	2,468.60	10	2,832.50	10	3,195.22	10	3,557.94
1/4	299.26	1/4	656.66	1/4	1,020.83	1/4	1,384.77	1/4	1,749.09	1/4	2,111.79	1/4	2,476.19	1/4	2,840.06	1/4	3,202.78	1/4	3,565.49
1/2	306.85	1/2	664.25	1/2	1,028.41	1/2	1,392.36	1/2	1,756.66	1/2	2,119.38	1/2	2,483.78	1/2	2,847.62	1/2	3,210.33	1/2	3,573.05
3/4	314.45	3/4	671.84	3/4	1,036.00	3/4	1,399.95	3/4	1,764.08	3/4	2,126.98	3/4	2,491.37	3/4	2,855.17	3/4	3,217.89	3/4	3,580.61
11	322.04	11	679.43	11	1,043.58	11	1,407.54	11	1,771.50	11	2,134.57	11	2,498.96	11	2,862.73	11	3,225.45	11	3,588.16
1/4	329.63	1/4	687.03	1/4	1,051.17	1/4	1,415.13	1/4	1,778.91	1/4	2,142.16	1/4	2,506.56	1/4	2,870.29	1/4	3,233.00	1/4	3,595.72
1/2	337.22	1/2	694.62	1/2	1,058.75	1/2	1,422.72	1/2	1,786.33	1/2	2,149.75	1/2	2,514.15	1/2	2,877.84	1/2	3,240.56	1/2	3,603.28
3/4	344.81	3/4	702.21	3/4	1,066.34	3/4	1,430.32	3/4	1,793.75	3/4	2,157.34	3/4	2,521.74	3/4	2,885.40	3/4	3,248.12	3/4	3,610.83

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



Bill A. Bar



BARGE "RBT 316"

HULL NO. 4510

PAGE 11 OF 12
3 STBD
INNAGE TABLE

GAUGE HEIGHT: 16'- 5 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,618.39	0	3,931.90	0	4,071.11	0	4,209.07	0	4,347.02	0									
1/4	3,625.95	1/4	3,935.13	1/4	4,073.99	1/4	4,211.94	1/4	4,349.89	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,633.50	1/2	3,938.35	1/2	4,076.86	1/2	4,214.81	1/2	4,352.77	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,641.00	3/4	3,941.25	3/4	4,079.74	3/4	4,217.69	3/4	4,355.64	3/4	3/4		3/4		3/4		3/4		3/4
1	3,648.50	1	3,944.14	1	4,082.61	1	4,220.56	1	4,358.51	1	1		1		1		1		1
1/4	3,656.01	1/4	3,947.03	1/4	4,085.48	1/4	4,223.44	1/4	4,361.39	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,663.51	1/2	3,949.92	1/2	4,088.36	1/2	4,226.31	1/2	4,364.26	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,671.01	3/4	3,952.81	3/4	4,091.23	3/4	4,229.18	3/4	4,367.14	3/4	3/4		3/4		3/4		3/4		3/4
2	3,678.51	2	3,955.70	2	4,094.11	2	4,232.06	2	4,370.01	2	2		2		2		2		2
1/4	3,686.01	1/4	3,958.59	1/4	4,096.98	1/4	4,234.93	1/4	4,372.88	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,693.51	1/2	3,961.49	1/2	4,099.85	1/2	4,237.81	1/2	4,375.76	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,701.01	3/4	3,964.38	3/4	4,102.73	3/4	4,240.68	3/4	4,378.60	3/4	3/4		3/4		3/4		3/4		3/4
3	3,708.51	3	3,967.27	3	4,105.60	3	4,243.55	3	4,381.44	3	3		3		3		3		3
1/4	3,716.01	1/4	3,970.16	1/4	4,108.48	1/4	4,246.43	1/4	4,384.28	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,723.51	1/2	3,973.05	1/2	4,111.35	1/2	4,249.30	1/2	4,387.12	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,731.01	3/4	3,975.94	3/4	4,114.22	3/4	4,252.18	3/4	4,389.96	3/4	3/4		3/4		3/4		3/4		3/4
4	3,738.51	4	3,978.83	4	4,117.10	4	4,255.05	4	4,392.80	4	4		4		4		4		4
1/4	3,746.01	1/4	3,981.73	1/4	4,119.97	1/4	4,257.92	1/4	4,395.64	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,753.51	1/2	3,984.62	1/2	4,122.85	1/2	4,260.80	1/2	4,398.48	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,761.01	3/4	3,987.51	3/4	4,125.72	3/4	4,263.67	3/4	4,401.32	3/4	3/4		3/4		3/4		3/4		3/4
5	3,768.51	5	3,990.40	5	4,128.59	5	4,266.55	5	4,404.15	5	5		5		5		5		5
1/4	3,776.02	1/4	3,993.29	1/4	4,131.47	1/4	4,269.42	1/4	4,406.99	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,783.52	1/2	3,996.18	1/2	4,134.34	1/2	4,272.29	1/2	4,409.83	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,791.02	3/4	3,999.07	3/4	4,137.22	3/4	4,275.17	3/4	4,412.67	3/4	3/4		3/4		3/4		3/4		3/4
6	3,798.52	6	4,001.96	6	4,140.09	6	4,278.04	6	4,415.51	6	6		6		6		6		6
1/4	3,806.02	1/4	4,004.86	1/4	4,142.96	1/4	4,280.92	1/4	4,418.35	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,813.52	1/2	4,007.75	1/2	4,145.84	1/2	4,283.79	1/2	4,421.19	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,820.66	3/4	4,010.64	3/4	4,148.71	3/4	4,286.66	3/4	4,424.03	3/4	3/4		3/4		3/4		3/4		3/4
7	3,827.81	7	4,013.53	7	4,151.59	7	4,289.54	7	4,426.87	7	7		7		7		7		7
1/4	3,834.95	1/4	4,016.42	1/4	4,154.46	1/4	4,292.41	1/4	4,429.71	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,842.09	1/2	4,019.31	1/2	4,157.33	1/2	4,295.29	1/2	4,432.55	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,848.45	3/4	4,022.20	3/4	4,160.21	3/4	4,298.16	3/4	4,435.39	3/4	3/4		3/4		3/4		3/4		3/4
8	3,854.81	8	4,025.10	8	4,163.08	8	4,301.03	8	4,438.23	8	8		8		8		8		8
1/4	3,861.17	1/4	4,027.99	1/4	4,165.96	1/4	4,303.91	1/4	4,441.07	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,867.53	1/2	4,030.88	1/2	4,168.83	1/2	4,306.78	1/2	4,443.91	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,873.11	3/4	4,033.75	3/4	4,171.70	3/4	4,309.66	3/4	4,446.51	3/4	3/4		3/4		3/4		3/4		3/4
9	3,878.69	9	4,036.63	9	4,174.58	9	4,312.53	9	4,449.11	9	9		9		9		9		9
1/4	3,884.26	1/4	4,039.50	1/4	4,177.45	1/4	4,315.40	1/4	4,451.71	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,889.84	1/2	4,042.37	1/2	4,180.33	1/2	4,318.28	1/2	4,454.31	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,894.63	3/4	4,045.25	3/4	4,183.20	3/4	4,321.15	3/4	4,456.42	3/4	3/4		3/4		3/4		3/4		3/4
10	3,899.43	10	4,048.12	10	4,186.07	10	4,324.03	10	4,458.54	10	10		10		10		10		10
1/4	3,904.22	1/4	4,051.00	1/4	4,188.95	1/4	4,326.90	1/4	4,460.66	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,909.01	1/2	4,053.87	1/2	4,191.82	1/2	4,329.77	1/2	4,462.77	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,913.12	3/4	4,056.74	3/4	4,194.70	3/4	4,332.65	3/4	4,464.41	3/4	3/4		3/4		3/4		3/4		3/4
11	3,917.23	11	4,059.62	11	4,197.57	11	4,335.52	11	4,466.05	11	11		11		11		11		11
1/4	3,921.34	1/4	4,062.49	1/4	4,200.44	1/4	4,338.40	1/4	4,468.17	1/4	1/4		1/4		1/4		1/4		1/4
1/2	3,925.45	1/2	4,065.37	1/2	4,203.32	1/2	4,341.27	1/2	4,470.29	1/2	1/2		1/2		1/2		1/2		1/2
3/4	3,928.68	3/4	4,068.24	3/4	4,206.19	3/4	4,344.14	3/4	4,472.41	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



Bill A. Rose