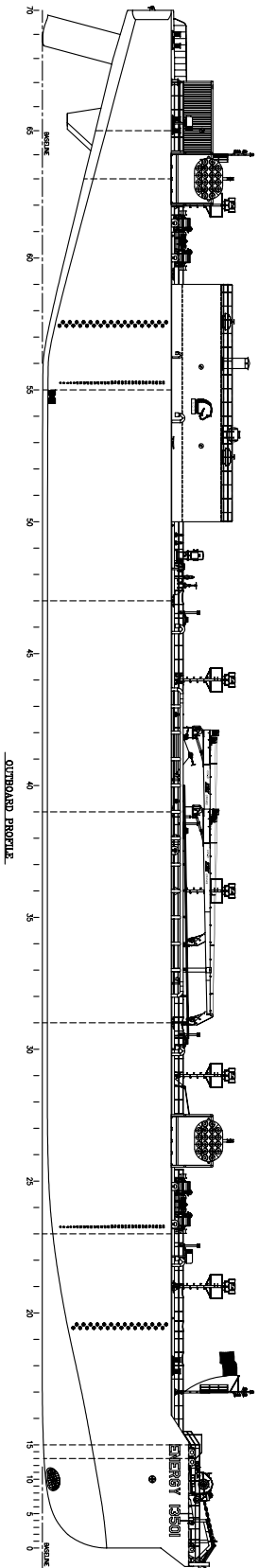




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HORNBECK OFFSHORE TRANSPORTATION

DRAWN BY: JONATHAN LEJEUNE	135K OIL BARGE ENERGY 13501		
CHK'D. BY: ROBERT BICE	SAYBOLT TABLES		
APP'D. BY: MIKE JANNISE	SCALE: NONE	DATE: 2-28-2005	REV. 1
APP'D. BY:	DRAWING # 14.506	LM HULL 338	



PREPARED FOR:

Hornbeck Offshore Transportation, Inc.
Mandeville, La.



PREPARED BY:

Levoac Industries, LLC.
Jennings, La.



SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**1 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		6		0		6		0		6		0		6		0		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,934.38
1		7		1		7		1		7		1		7		1		7	9,933.03
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,931.69
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,930.34
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,928.99
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,927.64
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,926.29
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,924.95
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,923.36
2		8		2		8		2		8		2		8		2		8	9,921.77
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,920.18
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,918.59
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,917.00
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,915.41
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,913.82
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,912.23
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,910.41
3		9		3		9		3		9		3		9		3		9	9,908.59
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,906.77
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,904.95
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,903.13
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,901.31
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,899.49
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,897.67
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,895.62
4		10		4		10		4		10		4		10		4		10	9,893.57
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,891.53
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,889.48
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,887.44
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,885.39
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,883.35
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,881.30
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,879.03
5		11		5		11		5		11		5		11		5		11	9,876.75
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,874.48
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,872.21
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,869.93
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,867.66
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,865.39
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,863.12
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,860.60

GAUGE LOCATED 22'-8 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**1 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	9,858.08	6	9,713.69	0	9,558.84	6	9,403.99	0	9,249.14	6	9,094.28	0	8,939.43	6	8,784.58	0	8,629.72	6	8,474.87
1/8	9,855.57	1/8	9,710.47	1/8	9,555.62	1/8	9,400.76	1/8	9,245.91	1/8	9,091.06	1/8	8,936.20	1/8	8,781.35	1/8	8,626.50	1/8	8,471.65
1/4	9,853.05	1/4	9,707.24	1/4	9,552.39	1/4	9,397.54	1/4	9,242.68	1/4	9,087.83	1/4	8,932.98	1/4	8,778.13	1/4	8,623.27	1/4	8,468.42
3/8	9,850.54	3/8	9,704.02	3/8	9,549.16	3/8	9,394.31	3/8	9,239.46	3/8	9,084.60	3/8	8,929.75	3/8	8,774.90	3/8	8,620.05	3/8	8,465.19
1/2	9,848.02	1/2	9,700.79	1/2	9,545.94	1/2	9,391.08	1/2	9,236.23	1/2	9,081.38	1/2	8,926.53	1/2	8,771.67	1/2	8,616.82	1/2	8,461.97
5/8	9,845.50	5/8	9,697.56	5/8	9,542.71	5/8	9,387.86	5/8	9,233.01	5/8	9,078.15	5/8	8,923.30	5/8	8,768.45	5/8	8,613.59	5/8	8,458.74
3/4	9,842.99	3/4	9,694.34	3/4	9,539.48	3/4	9,384.63	3/4	9,229.78	3/4	9,074.93	3/4	8,920.07	3/4	8,765.22	3/4	8,610.37	3/4	8,455.52
7/8	9,840.23	7/8	9,691.11	7/8	9,536.26	7/8	9,381.41	7/8	9,226.55	7/8	9,071.70	7/8	8,916.85	7/8	8,761.99	7/8	8,607.14	7/8	8,452.29
1	9,837.46	7	9,687.89	1	9,533.03	7	9,378.18	1	9,223.33	7	9,068.47	1	8,913.62	7	8,758.77	1	8,603.92	7	8,449.06
1/8	9,834.70	1/8	9,684.66	1/8	9,529.81	1/8	9,374.95	1/8	9,220.10	1/8	9,065.25	1/8	8,910.40	1/8	8,755.54	1/8	8,600.69	1/8	8,445.84
1/4	9,831.93	1/4	9,681.43	1/4	9,526.58	1/4	9,371.73	1/4	9,216.87	1/4	9,062.02	1/4	8,907.17	1/4	8,752.32	1/4	8,597.46	1/4	8,442.61
3/8	9,829.17	3/8	9,678.21	3/8	9,523.35	3/8	9,368.50	3/8	9,213.65	3/8	9,058.80	3/8	8,903.94	3/8	8,749.09	3/8	8,594.24	3/8	8,439.38
1/2	9,826.41	1/2	9,674.98	1/2	9,520.13	1/2	9,365.28	1/2	9,210.42	1/2	9,055.57	1/2	8,900.72	1/2	8,745.86	1/2	8,591.01	1/2	8,436.16
5/8	9,823.64	5/8	9,671.76	5/8	9,516.90	5/8	9,362.05	5/8	9,207.20	5/8	9,052.34	5/8	8,897.49	5/8	8,742.64	5/8	8,587.79	5/8	8,432.93
3/4	9,820.88	3/4	9,668.53	3/4	9,513.68	3/4	9,358.82	3/4	9,203.97	3/4	9,049.12	3/4	8,894.26	3/4	8,739.41	3/4	8,584.56	3/4	8,429.71
7/8	9,817.88	7/8	9,665.30	7/8	9,510.45	7/8	9,355.60	7/8	9,200.74	7/8	9,045.89	7/8	8,891.04	7/8	8,736.19	7/8	8,581.33	7/8	8,426.48
2	9,814.89	8	9,662.08	2	9,507.22	8	9,352.37	2	9,197.52	8	9,042.67	2	8,887.81	8	8,732.96	2	8,578.11	8	8,423.25
1/8	9,811.89	1/8	9,658.85	1/8	9,504.00	1/8	9,349.15	1/8	9,194.29	1/8	9,039.44	1/8	8,884.59	1/8	8,729.73	1/8	8,574.88	1/8	8,420.03
1/4	9,808.90	1/4	9,655.62	1/4	9,500.77	1/4	9,345.92	1/4	9,191.07	1/4	9,036.21	1/4	8,881.36	1/4	8,726.51	1/4	8,571.65	1/4	8,416.80
3/8	9,805.90	3/8	9,652.40	3/8	9,497.55	3/8	9,342.69	3/8	9,187.84	3/8	9,032.99	3/8	8,878.13	3/8	8,723.28	3/8	8,568.43	3/8	8,413.58
1/2	9,802.90	1/2	9,649.17	1/2	9,494.32	1/2	9,339.47	1/2	9,184.61	1/2	9,029.76	1/2	8,874.91	1/2	8,720.06	1/2	8,565.20	1/2	8,410.35
5/8	9,799.91	5/8	9,645.95	5/8	9,491.09	5/8	9,336.24	5/8	9,181.39	5/8	9,026.54	5/8	8,871.68	5/8	8,716.83	5/8	8,561.98	5/8	8,407.12
3/4	9,796.91	3/4	9,642.72	3/4	9,487.87	3/4	9,333.01	3/4	9,178.16	3/4	9,023.31	3/4	8,868.46	3/4	8,713.60	3/4	8,558.75	3/4	8,403.90
7/8	9,793.75	7/8	9,639.49	7/8	9,484.64	7/8	9,329.79	7/8	9,174.94	7/8	9,020.08	7/8	8,865.23	7/8	8,710.38	7/8	8,555.52	7/8	8,400.67
3	9,790.59	9	9,636.27	3	9,481.42	9	9,326.56	3	9,171.71	9	9,016.86	3	8,862.00	9	8,707.15	3	8,552.30	9	8,397.45
1/8	9,787.43	1/8	9,633.04	1/8	9,478.19	1/8	9,323.34	1/8	9,168.48	1/8	9,013.63	1/8	8,858.78	1/8	8,703.93	1/8	8,549.07	1/8	8,394.22
1/4	9,784.27	1/4	9,629.82	1/4	9,474.96	1/4	9,320.11	1/4	9,165.26	1/4	9,010.40	1/4	8,855.55	1/4	8,700.70	1/4	8,545.85	1/4	8,390.99
3/8	9,781.11	3/8	9,626.59	3/8	9,471.74	3/8	9,316.88	3/8	9,162.03	3/8	9,007.18	3/8	8,852.33	3/8	8,697.47	3/8	8,542.62	3/8	8,387.77
1/2	9,777.95	1/2	9,623.36	1/2	9,468.51	1/2	9,313.66	1/2	9,158.81	1/2	9,003.95	1/2	8,849.10	1/2	8,694.25	1/2	8,539.39	1/2	8,384.54
5/8	9,774.79	5/8	9,620.14	5/8	9,465.28	5/8	9,310.43	5/8	9,155.58	5/8	9,000.73	5/8	8,845.87	5/8	8,691.02	5/8	8,536.17	5/8	8,381.32
3/4	9,771.63	3/4	9,616.91	3/4	9,462.06	3/4	9,307.21	3/4	9,152.35	3/4	8,997.50	3/4	8,842.65	3/4	8,687.79	3/4	8,532.94	3/4	8,378.09
7/8	9,768.41	7/8	9,613.69	7/8	9,458.83	7/8	9,303.98	7/8	9,149.13	7/8	8,994.27	7/8	8,839.42	7/8	8,684.57	7/8	8,529.72	7/8	8,374.86
4	9,765.19	10	9,610.46	4	9,455.61	10	9,300.75	4	9,145.90	10	8,991.05	4	8,836.20	10	8,681.34	4	8,526.49	10	8,371.64
1/8	9,761.98	1/8	9,607.23	1/8	9,452.38	1/8	9,297.53	1/8	9,142.67	1/8	8,987.82	1/8	8,832.97	1/8	8,678.12	1/8	8,523.26	1/8	8,368.41
1/4	9,758.76	1/4	9,604.01	1/4	9,449.15	1/4	9,294.30	1/4	9,139.45	1/4	8,984.60	1/4	8,829.74	1/4	8,674.89	1/4	8,520.04	1/4	8,365.18
3/8	9,755.54	3/8	9,600.78	3/8	9,445.93	3/8	9,291.08	3/8	9,136.22	3/8	8,981.37	3/8	8,826.52	3/8	8,671.66	3/8	8,516.81	3/8	8,361.96
1/2	9,752.32	1/2	9,597.55	1/2	9,442.70	1/2	9,287.85	1/2	9,133.00	1/2	8,978.14	1/2	8,823.29	1/2	8,668.44	1/2	8,513.59	1/2	8,358.73
5/8	9,749.10	5/8	9,594.33	5/8	9,439.48	5/8	9,284.62	5/8	9,129.77	5/8	8,974.92	5/8	8,820.06	5/8	8,665.21	5/8	8,510.36	5/8	8,355.51
3/4	9,745.89	3/4	9,591.10	3/4	9,436.25	3/4	9,281.40	3/4	9,126.54	3/4	8,971.69	3/4	8,816.84	3/4	8,661.99	3/4	8,507.13	3/4	8,352.28
7/8	9,742.67	7/8	9,587.88	7/8	9,433.02	7/8	9,278.17	7/8	9,123.32	7/8	8,968.47	7/8	8,813.61	7/8	8,658.76	7/8	8,503.91	7/8	8,349.05
5	9,739.45	11	9,584.65	5	9,429.80	11	9,274.94	5	9,120.09	11	8,965.24	5	8,810.39	11	8,655.53	5	8,500.68	11	8,345.83
1/8	9,736.23	1/8	9,581.42	1/8	9,426.57	1/8	9,271.72	1/8	9,116.87	1/8	8,962.01	1/8	8,807.16	1/8	8,652.31	1/8	8,497.45	1/8	8,342.60
1/4	9,733.02	1/4	9,578.20	1/4	9,423.35	1/4	9,268.49	1/4	9,113.64	1/4	8,958.79	1/4	8,803.93	1/4	8,649.08	1/4	8,494.23	1/4	8,339.38
3/8	9,729.80	3/8	9,574.97	3/8	9,420.12	3/8	9,265.27	3/8	9,110.41	3/8	8,955.56	3/8	8,800.71	3/8	8,645.86	3/8	8,491.00	3/8	8,336.15
1/2	9,726.58	1/2	9,571.75	1/2	9,416.89	1/2	9,262.04	1/2	9,107.19	1/2	8,952.33	1/2	8,797.48	1/2	8,642.63	1/2	8,487.78	1/2	8,332.92
5/8	9,723.36	5/8	9,568.52	5/8	9,413.67	5/8	9,258.81	5/8	9,103.96	5/8	8,949.11	5/8	8,794.26	5/8	8,639.40	5/8	8,484.55	5/8	8,329.70
3/4	9,720.15	3/4	9,565.29	3/4	9,410.44	3/4	9,255.59	3/4	9,100.74	3/4	8,945.88	3/4	8,791.03	3/4	8,636.18	3/4	8,481.32	3/4	8,326.47
7/8	9,716.92	7/8	9,562.07	7/8	9,407.21	7/8	9,252.36	7/8	9,097.51	7/8	8,942.66	7/8	8,787.80	7/8	8,632.95	7/8	8,478.10	7/8	8,323.25

GAUGE LOCATED 22'-8 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

GAUGE HEIGHT 37'-2 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	8,320.02	6	8,165.17	0	8,010.31	6	7,855.46	0	7,700.61	6	7,545.76	0	7,390.90	6	7,236.05	0	7,081.20	6	6,926.34
1/8	8,316.79	1/8	8,161.94	1/8	8,007.09	1/8	7,852.23	1/8	7,697.38	1/8	7,542.53	1/8	7,387.68	1/8	7,232.82	1/8	7,077.97	1/8	6,923.12
1/4	8,313.57	1/4	8,158.71	1/4	8,003.86	1/4	7,849.01	1/4	7,694.16	1/4	7,539.30	1/4	7,384.45	1/4	7,229.60	1/4	7,074.74	1/4	6,919.89
3/8	8,310.34	3/8	8,155.49	3/8	8,000.64	3/8	7,845.78	3/8	7,690.93	3/8	7,536.08	3/8	7,381.22	3/8	7,226.37	3/8	7,071.52	3/8	6,916.67
1/2	8,307.11	1/2	8,152.26	1/2	7,997.41	1/2	7,842.56	1/2	7,687.70	1/2	7,532.85	1/2	7,378.00	1/2	7,223.15	1/2	7,068.29	1/2	6,913.44
5/8	8,303.89	5/8	8,149.04	5/8	7,994.18	5/8	7,839.33	5/8	7,684.48	5/8	7,529.62	5/8	7,374.77	5/8	7,219.92	5/8	7,065.07	5/8	6,910.21
3/4	8,300.66	3/4	8,145.81	3/4	7,990.96	3/4	7,836.10	3/4	7,681.25	3/4	7,526.40	3/4	7,371.55	3/4	7,216.69	3/4	7,061.84	3/4	6,906.99
7/8	8,297.44	7/8	8,142.58	7/8	7,987.73	7/8	7,832.88	7/8	7,678.03	7/8	7,523.17	7/8	7,368.32	7/8	7,213.47	7/8	7,058.61	7/8	6,903.76
1	8,294.21	7	8,139.36	1	7,984.50	7	7,829.65	1	7,674.80	7	7,519.95	1	7,365.09	7	7,210.24	1	7,055.39	7	6,900.54
1/8	8,290.98	1/8	8,136.13	1/8	7,981.28	1/8	7,826.43	1/8	7,671.57	1/8	7,516.72	1/8	7,361.87	1/8	7,207.01	1/8	7,052.16	1/8	6,897.31
1/4	8,287.76	1/4	8,132.91	1/4	7,978.05	1/4	7,823.20	1/4	7,668.35	1/4	7,513.49	1/4	7,358.64	1/4	7,203.79	1/4	7,048.94	1/4	6,894.08
3/8	8,284.53	3/8	8,129.68	3/8	7,974.83	3/8	7,819.97	3/8	7,665.12	3/8	7,510.27	3/8	7,355.42	3/8	7,200.56	3/8	7,045.71	3/8	6,890.86
1/2	8,281.31	1/2	8,126.45	1/2	7,971.60	1/2	7,816.75	1/2	7,661.89	1/2	7,507.04	1/2	7,352.19	1/2	7,197.34	1/2	7,042.48	1/2	6,887.63
5/8	8,278.08	5/8	8,123.23	5/8	7,968.37	5/8	7,813.52	5/8	7,658.67	5/8	7,503.82	5/8	7,348.96	5/8	7,194.11	5/8	7,039.26	5/8	6,884.40
3/4	8,274.85	3/4	8,120.00	3/4	7,965.15	3/4	7,810.30	3/4	7,655.44	3/4	7,500.59	3/4	7,345.74	3/4	7,190.88	3/4	7,036.03	3/4	6,881.18
7/8	8,271.63	7/8	8,116.77	7/8	7,961.92	7/8	7,807.07	7/8	7,652.22	7/8	7,497.36	7/8	7,342.51	7/8	7,187.66	7/8	7,032.81	7/8	6,877.95
2	8,268.40	8	8,113.55	2	7,958.70	8	7,803.84	2	7,648.99	8	7,494.14	2	7,339.28	8	7,184.43	2	7,029.58	8	6,874.73
1/8	8,265.18	1/8	8,110.32	1/8	7,955.47	1/8	7,800.62	1/8	7,645.76	1/8	7,490.91	1/8	7,336.06	1/8	7,181.21	1/8	7,026.35	1/8	6,871.50
1/4	8,261.95	1/4	8,107.10	1/4	7,952.24	1/4	7,797.39	1/4	7,642.54	1/4	7,487.69	1/4	7,332.83	1/4	7,177.98	1/4	7,023.13	1/4	6,868.27
3/8	8,258.72	3/8	8,103.87	3/8	7,949.02	3/8	7,794.16	3/8	7,639.31	3/8	7,484.46	3/8	7,329.61	3/8	7,174.75	3/8	7,019.90	3/8	6,865.05
1/2	8,255.50	1/2	8,100.64	1/2	7,945.79	1/2	7,790.94	1/2	7,636.09	1/2	7,481.23	1/2	7,326.38	1/2	7,171.53	1/2	7,016.67	1/2	6,861.82
5/8	8,252.27	5/8	8,097.42	5/8	7,942.57	5/8	7,787.71	5/8	7,632.86	5/8	7,478.01	5/8	7,323.15	5/8	7,168.30	5/8	7,013.45	5/8	6,858.60
3/4	8,249.04	3/4	8,094.19	3/4	7,939.34	3/4	7,784.49	3/4	7,629.63	3/4	7,474.78	3/4	7,319.93	3/4	7,165.08	3/4	7,010.22	3/4	6,855.37
7/8	8,245.82	7/8	8,090.97	7/8	7,936.11	7/8	7,781.26	7/8	7,626.41	7/8	7,471.55	7/8	7,316.70	7/8	7,161.85	7/8	7,007.00	7/8	6,852.14
3	8,242.59	9	8,087.74	3	7,932.89	9	7,778.03	3	7,623.18	9	7,468.33	3	7,313.48	9	7,158.62	3	7,003.77	9	6,848.92
1/8	8,239.37	1/8	8,084.51	1/8	7,929.66	1/8	7,774.81	1/8	7,619.96	1/8	7,465.10	1/8	7,310.25	1/8	7,155.40	1/8	7,000.54	1/8	6,845.69
1/4	8,236.14	1/4	8,081.29	1/4	7,926.43	1/4	7,771.58	1/4	7,616.73	1/4	7,461.88	1/4	7,307.02	1/4	7,152.17	1/4	6,997.32	1/4	6,842.47
3/8	8,232.91	3/8	8,078.06	3/8	7,923.21	3/8	7,768.36	3/8	7,613.50	3/8	7,458.65	3/8	7,303.80	3/8	7,148.94	3/8	6,994.09	3/8	6,839.24
1/2	8,229.69	1/2	8,074.84	1/2	7,919.98	1/2	7,765.13	1/2	7,610.28	1/2	7,455.42	1/2	7,300.57	1/2	7,145.72	1/2	6,990.87	1/2	6,836.01
5/8	8,226.46	5/8	8,071.61	5/8	7,916.76	5/8	7,761.90	5/8	7,607.05	5/8	7,452.20	5/8	7,297.35	5/8	7,142.49	5/8	6,987.64	5/8	6,832.79
3/4	8,223.24	3/4	8,068.38	3/4	7,913.53	3/4	7,758.68	3/4	7,603.82	3/4	7,448.97	3/4	7,294.12	3/4	7,139.27	3/4	6,984.41	3/4	6,829.56
7/8	8,220.01	7/8	8,065.16	7/8	7,910.30	7/8	7,755.45	7/8	7,600.60	7/8	7,445.75	7/8	7,290.89	7/8	7,136.04	7/8	6,981.19	7/8	6,826.33
4	8,216.78	10	8,061.93	4	7,907.08	10	7,752.23	4	7,597.37	10	7,442.52	4	7,287.67	10	7,132.81	4	6,977.96	10	6,823.11
1/8	8,213.56	1/8	8,058.71	1/8	7,903.85	1/8	7,749.00	1/8	7,594.15	1/8	7,439.29	1/8	7,284.44	1/8	7,129.59	1/8	6,974.74	1/8	6,819.88
1/4	8,210.33	1/4	8,055.48	1/4	7,900.63	1/4	7,745.77	1/4	7,590.92	1/4	7,436.07	1/4	7,281.21	1/4	7,126.36	1/4	6,971.51	1/4	6,816.66
3/8	8,207.11	3/8	8,052.25	3/8	7,897.40	3/8	7,742.55	3/8	7,587.69	3/8	7,432.84	3/8	7,277.99	3/8	7,123.14	3/8	6,968.28	3/8	6,813.43
1/2	8,203.88	1/2	8,049.03	1/2	7,894.17	1/2	7,739.32	1/2	7,584.47	1/2	7,429.62	1/2	7,274.76	1/2	7,119.91	1/2	6,965.06	1/2	6,810.20
5/8	8,200.65	5/8	8,045.80	5/8	7,890.95	5/8	7,736.10	5/8	7,581.24	5/8	7,426.39	5/8	7,271.54	5/8	7,116.68	5/8	6,961.83	5/8	6,808.98
3/4	8,197.43	3/4	8,042.57	3/4	7,887.72	3/4	7,732.87	3/4	7,578.02	3/4	7,423.16	3/4	7,268.31	3/4	7,113.46	3/4	6,958.60	3/4	6,805.75
7/8	8,194.20	7/8	8,039.35	7/8	7,884.50	7/8	7,729.64	7/8	7,574.79	7/8	7,419.94	7/8	7,265.08	7/8	7,110.23	7/8	6,955.38	7/8	6,802.53
5	8,190.98	11	8,036.12	5	7,881.27	11	7,726.42	5	7,571.56	11	7,416.71	5	7,261.86	11	7,107.01	5	6,952.15	11	6,797.30
1/8	8,187.75	1/8	8,032.90	1/8	7,878.04	1/8	7,723.19	1/8	7,568.34	1/8	7,413.49	1/8	7,258.63	1/8	7,103.78	1/8	6,948.93	1/8	6,794.07
1/4	8,184.52	1/4	8,029.67	1/4	7,874.82	1/4	7,719.96	1/4	7,565.11	1/4	7,410.26	1/4	7,255.41	1/4	7,100.55	1/4	6,945.70	1/4	6,790.85
3/8	8,181.30	3/8	8,026.44	3/8	7,871.59	3/8	7,716.74	3/8	7,561.89	3/8	7,407.03	3/8	7,252.18	3/8	7,097.33	3/8	6,942.47	3/8	6,787.62
1/2	8,178.07	1/2	8,023.22	1/2	7,868.37	1/2	7,713.51	1/2	7,558.66	1/2	7,403.81	1/2	7,248.95	1/2	7,094.10	1/2	6,939.25	1/2	6,784.40
5/8	8,174.84	5/8	8,019.99	5/8	7,865.14	5/8	7,710.29	5/8	7,555.43	5/8	7,400.58	5/8	7,245.73	5/8	7,090.88	5/8	6,936.02	5/8	6,781.17
3/4	8,171.62	3/4	8,016.77	3/4	7,861.91	3/4	7,707.06	3/4	7,552.21	3/4	7,397.35	3/4	7,242.50	3/4	7,087.65	3/4	6,932.80	3/4	6,777.94
7/8	8,168.39	7/8	8,013.54	7/8	7,858.69	7/8	7,703.83	7/8	7,548.98	7/8	7,394.13	7/8	7,239.28	7/8	7,084.42	7/8	6,929.57	7/8	6,774.72

GAUGE LOCATED 22'-8 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**1 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	6,771.49	6	6,616.64	0	6,461.79	6	6,306.93	0	6,152.08	6	5,997.23	0	5,842.37	6	5,687.52	0	5,532.67	6	5,377.82
1/8	6,768.27	1/8	6,613.41	1/8	6,458.56	1/8	6,303.71	1/8	6,148.85	1/8	5,994.00	1/8	5,839.15	1/8	5,684.30	1/8	5,529.44	1/8	5,374.59
1/4	6,765.04	1/4	6,610.19	1/4	6,455.33	1/4	6,300.48	1/4	6,145.63	1/4	5,990.77	1/4	5,835.92	1/4	5,681.07	1/4	5,526.22	1/4	5,371.36
3/8	6,761.81	3/8	6,606.96	3/8	6,452.11	3/8	6,297.25	3/8	6,142.40	3/8	5,987.55	3/8	5,832.70	3/8	5,677.84	3/8	5,522.99	3/8	5,368.14
1/2	6,758.59	1/2	6,603.73	1/2	6,448.88	1/2	6,294.03	1/2	6,139.18	1/2	5,984.32	1/2	5,829.47	1/2	5,674.62	1/2	5,519.76	1/2	5,364.91
5/8	6,755.36	5/8	6,600.51	5/8	6,445.66	5/8	6,290.80	5/8	6,135.95	5/8	5,981.10	5/8	5,826.24	5/8	5,671.39	5/8	5,516.54	5/8	5,361.69
3/4	6,752.13	3/4	6,597.28	3/4	6,442.43	3/4	6,287.58	3/4	6,132.72	3/4	5,977.87	3/4	5,823.02	3/4	5,668.16	3/4	5,513.31	3/4	5,358.46
7/8	6,748.91	7/8	6,594.06	7/8	6,439.20	7/8	6,284.35	7/8	6,129.50	7/8	5,974.64	7/8	5,819.79	7/8	5,664.94	7/8	5,510.09	7/8	5,355.23
1	6,745.68	7	6,590.83	1	6,435.98	7	6,281.12	1	6,126.27	7	5,971.42	1	5,816.57	7	5,661.71	1	5,506.86	7	5,352.01
1/8	6,742.46	1/8	6,587.60	1/8	6,432.75	1/8	6,277.90	1/8	6,123.05	1/8	5,968.19	1/8	5,813.34	1/8	5,658.49	1/8	5,503.63	1/8	5,348.78
1/4	6,739.23	1/4	6,584.38	1/4	6,429.52	1/4	6,274.67	1/4	6,119.82	1/4	5,964.97	1/4	5,810.11	1/4	5,655.26	1/4	5,500.41	1/4	5,345.55
3/8	6,736.00	3/8	6,581.15	3/8	6,426.30	3/8	6,271.45	3/8	6,116.59	3/8	5,961.74	3/8	5,806.89	3/8	5,652.03	3/8	5,497.18	3/8	5,342.33
1/2	6,732.78	1/2	6,577.93	1/2	6,423.07	1/2	6,268.22	1/2	6,113.37	1/2	5,958.51	1/2	5,803.66	1/2	5,648.81	1/2	5,493.96	1/2	5,339.10
5/8	6,729.55	5/8	6,574.70	5/8	6,419.85	5/8	6,264.99	5/8	6,110.14	5/8	5,955.29	5/8	5,800.44	5/8	5,645.58	5/8	5,490.73	5/8	5,335.88
3/4	6,726.33	3/4	6,571.47	3/4	6,416.62	3/4	6,261.77	3/4	6,106.91	3/4	5,952.06	3/4	5,797.21	3/4	5,642.36	3/4	5,487.50	3/4	5,332.65
7/8	6,723.10	7/8	6,568.25	7/8	6,413.39	7/8	6,258.54	7/8	6,103.69	7/8	5,948.84	7/8	5,793.98	7/8	5,639.13	7/8	5,484.28	7/8	5,329.42
2	6,719.87	8	6,565.02	2	6,410.17	8	6,255.32	2	6,100.46	8	5,945.61	2	5,790.76	8	5,635.90	2	5,481.05	8	5,326.20
1/8	6,716.65	1/8	6,561.79	1/8	6,406.94	1/8	6,252.09	1/8	6,097.24	1/8	5,942.38	1/8	5,787.53	1/8	5,632.68	1/8	5,477.83	1/8	5,322.97
1/4	6,713.42	1/4	6,558.57	1/4	6,403.72	1/4	6,248.86	1/4	6,094.01	1/4	5,939.16	1/4	5,784.30	1/4	5,629.45	1/4	5,474.60	1/4	5,319.75
3/8	6,710.20	3/8	6,555.34	3/8	6,400.49	3/8	6,245.64	3/8	6,090.78	3/8	5,935.93	3/8	5,781.08	3/8	5,626.23	3/8	5,471.37	3/8	5,316.52
1/2	6,706.97	1/2	6,552.12	1/2	6,397.26	1/2	6,242.41	1/2	6,087.56	1/2	5,932.71	1/2	5,777.85	1/2	5,623.00	1/2	5,468.15	1/2	5,313.29
5/8	6,703.74	5/8	6,548.89	5/8	6,394.04	5/8	6,239.18	5/8	6,084.33	5/8	5,929.48	5/8	5,774.63	5/8	5,619.77	5/8	5,464.92	5/8	5,310.07
3/4	6,700.52	3/4	6,545.66	3/4	6,390.81	3/4	6,235.96	3/4	6,081.11	3/4	5,926.25	3/4	5,771.40	3/4	5,616.55	3/4	5,461.69	3/4	5,306.84
7/8	6,697.29	7/8	6,542.44	7/8	6,387.59	7/8	6,232.73	7/8	6,077.88	7/8	5,923.03	7/8	5,768.17	7/8	5,613.32	7/8	5,458.47	7/8	5,303.62
3	6,694.06	9	6,539.21	3	6,384.36	9	6,229.51	3	6,074.65	9	5,919.80	3	5,764.95	9	5,610.10	3	5,455.24	9	5,300.39
1/8	6,690.84	1/8	6,535.99	1/8	6,381.13	1/8	6,226.28	1/8	6,071.43	1/8	5,916.57	1/8	5,761.72	1/8	5,606.87	1/8	5,452.02	1/8	5,297.16
1/4	6,687.61	1/4	6,532.76	1/4	6,377.91	1/4	6,223.05	1/4	6,068.20	1/4	5,913.35	1/4	5,758.50	1/4	5,603.64	1/4	5,448.79	1/4	5,293.94
3/8	6,684.39	3/8	6,529.53	3/8	6,374.68	3/8	6,219.83	3/8	6,064.98	3/8	5,910.12	3/8	5,755.27	3/8	5,600.42	3/8	5,445.56	3/8	5,290.71
1/2	6,681.16	1/2	6,526.31	1/2	6,371.45	1/2	6,216.60	1/2	6,061.75	1/2	5,906.90	1/2	5,752.04	1/2	5,597.19	1/2	5,442.34	1/2	5,287.49
5/8	6,677.93	5/8	6,523.08	5/8	6,368.23	5/8	6,213.38	5/8	6,058.52	5/8	5,903.67	5/8	5,748.82	5/8	5,593.96	5/8	5,439.11	5/8	5,284.26
3/4	6,674.71	3/4	6,519.86	3/4	6,365.00	3/4	6,210.15	3/4	6,055.30	3/4	5,900.44	3/4	5,745.59	3/4	5,590.74	3/4	5,435.89	3/4	5,281.03
7/8	6,671.48	7/8	6,516.63	7/8	6,361.78	7/8	6,206.92	7/8	6,052.07	7/8	5,897.22	7/8	5,742.37	7/8	5,587.51	7/8	5,432.66	7/8	5,277.81
4	6,668.26	10	6,513.40	4	6,358.55	10	6,203.70	4	6,048.84	10	5,893.99	4	5,739.14	10	5,584.29	4	5,429.43	10	5,274.58
1/8	6,665.03	1/8	6,510.18	1/8	6,355.32	1/8	6,200.47	1/8	6,045.62	1/8	5,890.77	1/8	5,735.91	1/8	5,581.06	1/8	5,426.21	1/8	5,271.35
1/4	6,661.80	1/4	6,506.95	1/4	6,352.10	1/4	6,197.25	1/4	6,042.39	1/4	5,887.54	1/4	5,732.69	1/4	5,577.83	1/4	5,422.98	1/4	5,268.13
3/8	6,658.58	3/8	6,503.72	3/8	6,348.87	3/8	6,194.02	3/8	6,039.17	3/8	5,884.31	3/8	5,729.46	3/8	5,574.61	3/8	5,419.76	3/8	5,264.90
1/2	6,655.35	1/2	6,500.50	1/2	6,345.65	1/2	6,190.79	1/2	6,035.94	1/2	5,881.09	1/2	5,726.23	1/2	5,571.38	1/2	5,416.53	1/2	5,261.68
5/8	6,652.13	5/8	6,497.27	5/8	6,342.42	5/8	6,187.57	5/8	6,032.71	5/8	5,877.86	5/8	5,723.01	5/8	5,568.16	5/8	5,413.30	5/8	5,258.45
3/4	6,648.90	3/4	6,494.05	3/4	6,339.19	3/4	6,184.34	3/4	6,029.49	3/4	5,874.64	3/4	5,719.78	3/4	5,564.93	3/4	5,410.08	3/4	5,255.22
7/8	6,645.67	7/8	6,490.82	7/8	6,335.97	7/8	6,181.11	7/8	6,026.26	7/8	5,871.41	7/8	5,716.56	7/8	5,561.70	7/8	5,406.85	7/8	5,252.00
5	6,642.45	11	6,487.59	5	6,332.74	11	6,177.89	5	6,023.04	11	5,868.18	5	5,713.33	11	5,558.48	5	5,403.62	11	5,248.77
1/8	6,639.22	1/8	6,484.37	1/8	6,329.52	1/8	6,174.66	1/8	6,019.81	1/8	5,864.96	1/8	5,710.10	1/8	5,555.25	1/8	5,400.40	1/8	5,245.55
1/4	6,635.99	1/4	6,481.14	1/4	6,326.29	1/4	6,171.44	1/4	6,016.58	1/4	5,861.73	1/4	5,706.88	1/4	5,552.03	1/4	5,397.17	1/4	5,242.32
3/8	6,632.77	3/8	6,477.92	3/8	6,323.06	3/8	6,168.21	3/8	6,013.36	3/8	5,858.50	3/8	5,703.65	3/8	5,548.80	3/8	5,393.95	3/8	5,239.09
1/2	6,629.54	1/2	6,474.69	1/2	6,319.84	1/2	6,164.98	1/2	6,010.13	1/2	5,855.28	1/2	5,700.43	1/2	5,545.57	1/2	5,390.72	1/2	5,235.87
5/8	6,626.32	5/8	6,471.46	5/8	6,316.61	5/8	6,161.76	5/8	6,006.91	5/8	5,852.05	5/8	5,697.20	5/8	5,542.35	5/8	5,387.49	5/8	5,232.64
3/4	6,623.09	3/4	6,468.24	3/4	6,313.38	3/4	6,158.53	3/4	6,003.68	3/4	5,848.83	3/4	5,693.97	3/4	5,539.12	3/4	5,384.27	3/4	5,229.42
7/8	6,619.86	7/8	6,465.01	7/8	6,310.16	7/8	6,155.31	7/8	6,000.45	7/8	5,845.60	7/8	5,690.75	7/8	5,535.89	7/8	5,381.04	7/8	5,226.19

GAUGE LOCATED 22'-8 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**1 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	5,222.96	6	5,068.11	0	4,913.26	6	4,758.40	0	4,603.55	6	4,448.70	0	4,293.85	6	4,138.99	0	3,984.26	6	3,832.81
1/8	5,219.74	1/8	5,064.88	1/8	4,910.03	1/8	4,755.18	1/8	4,600.33	1/8	4,445.47	1/8	4,290.62	1/8	4,135.77	1/8	3,981.09	1/8	3,829.66
1/4	5,216.51	1/4	5,061.66	1/4	4,906.81	1/4	4,751.95	1/4	4,597.10	1/4	4,442.25	1/4	4,287.39	1/4	4,132.54	1/4	3,977.93	1/4	3,826.50
3/8	5,213.28	3/8	5,058.43	3/8	4,903.58	3/8	4,748.73	3/8	4,593.87	3/8	4,439.02	3/8	4,284.17	3/8	4,129.32	3/8	3,974.76	3/8	3,823.35
1/2	5,210.06	1/2	5,055.21	1/2	4,900.35	1/2	4,745.50	1/2	4,590.65	1/2	4,435.79	1/2	4,280.94	1/2	4,126.09	1/2	3,971.60	1/2	3,820.20
5/8	5,206.83	5/8	5,051.98	5/8	4,897.13	5/8	4,742.27	5/8	4,587.42	5/8	4,432.57	5/8	4,277.72	5/8	4,122.86	5/8	3,968.43	5/8	3,817.04
3/4	5,203.61	3/4	5,048.75	3/4	4,893.90	3/4	4,739.05	3/4	4,584.20	3/4	4,429.34	3/4	4,274.49	3/4	4,119.64	3/4	3,965.26	3/4	3,813.89
7/8	5,200.38	7/8	5,045.53	7/8	4,890.67	7/8	4,735.82	7/8	4,580.97	7/8	4,426.12	7/8	4,271.26	7/8	4,116.41	7/8	3,962.11	7/8	3,810.74
1	5,197.15	7	5,042.30	1	4,887.45	7	4,732.60	1	4,577.74	7	4,422.89	1	4,268.04	7	4,113.18	1	3,958.96	7	3,807.58
1/8	5,193.93	1/8	5,039.08	1/8	4,884.22	1/8	4,729.37	1/8	4,574.52	1/8	4,419.66	1/8	4,264.81	1/8	4,109.96	1/8	3,955.80	1/8	3,804.43
1/4	5,190.70	1/4	5,035.85	1/4	4,881.00	1/4	4,726.14	1/4	4,571.29	1/4	4,416.44	1/4	4,261.59	1/4	4,106.73	1/4	3,952.65	1/4	3,801.28
3/8	5,187.48	3/8	5,032.62	3/8	4,877.77	3/8	4,722.92	3/8	4,568.06	3/8	4,413.21	3/8	4,258.36	3/8	4,103.51	3/8	3,949.49	3/8	3,798.12
1/2	5,184.25	1/2	5,029.40	1/2	4,874.54	1/2	4,719.69	1/2	4,564.84	1/2	4,409.99	1/2	4,255.13	1/2	4,100.28	1/2	3,946.34	1/2	3,794.97
5/8	5,181.02	5/8	5,026.17	5/8	4,871.32	5/8	4,716.47	5/8	4,561.61	5/8	4,406.76	5/8	4,251.91	5/8	4,097.05	5/8	3,943.18	5/8	3,791.82
3/4	5,177.80	3/4	5,022.94	3/4	4,868.09	3/4	4,713.24	3/4	4,558.39	3/4	4,403.53	3/4	4,248.68	3/4	4,093.83	3/4	3,940.03	3/4	3,788.66
7/8	5,174.57	7/8	5,019.72	7/8	4,864.87	7/8	4,710.01	7/8	4,555.16	7/8	4,400.31	7/8	4,245.45	7/8	4,090.60	7/8	3,936.88	7/8	3,785.51
2	5,171.35	8	5,016.49	2	4,861.64	8	4,706.79	2	4,551.93	8	4,397.08	2	4,242.23	8	4,087.38	2	3,933.72	8	3,782.36
1/8	5,168.12	1/8	5,013.27	1/8	4,858.41	1/8	4,703.56	1/8	4,548.71	1/8	4,393.86	1/8	4,239.00	1/8	4,084.15	1/8	3,930.57	1/8	3,779.20
1/4	5,164.89	1/4	5,010.04	1/4	4,855.19	1/4	4,700.33	1/4	4,545.48	1/4	4,390.63	1/4	4,235.78	1/4	4,080.92	1/4	3,927.42	1/4	3,776.05
3/8	5,161.67	3/8	5,006.81	3/8	4,851.96	3/8	4,697.11	3/8	4,542.26	3/8	4,387.40	3/8	4,232.55	3/8	4,077.70	3/8	3,924.26	3/8	3,772.90
1/2	5,158.44	1/2	5,003.59	1/2	4,848.74	1/2	4,693.88	1/2	4,539.03	1/2	4,384.18	1/2	4,229.32	1/2	4,074.47	1/2	3,921.11	1/2	3,769.74
5/8	5,155.22	5/8	5,000.36	5/8	4,845.51	5/8	4,690.66	5/8	4,535.80	5/8	4,380.95	5/8	4,226.10	5/8	4,071.25	5/8	3,917.96	5/8	3,766.59
3/4	5,151.99	3/4	4,997.14	3/4	4,842.28	3/4	4,687.43	3/4	4,532.58	3/4	4,377.72	3/4	4,222.87	3/4	4,068.02	3/4	3,914.80	3/4	3,763.43
7/8	5,148.76	7/8	4,993.91	7/8	4,839.06	7/8	4,684.20	7/8	4,529.35	7/8	4,374.50	7/8	4,219.65	7/8	4,064.79	7/8	3,911.65	7/8	3,760.28
3	5,145.54	9	4,990.68	3	4,835.83	9	4,680.98	3	4,526.13	9	4,371.27	3	4,216.42	9	4,061.57	3	3,908.50	9	3,757.13
1/8	5,142.31	1/8	4,987.46	1/8	4,832.61	1/8	4,677.75	1/8	4,522.90	1/8	4,368.05	1/8	4,213.19	1/8	4,058.34	1/8	3,905.34	1/8	3,753.97
1/4	5,139.08	1/4	4,984.23	1/4	4,829.38	1/4	4,674.53	1/4	4,519.67	1/4	4,364.82	1/4	4,209.97	1/4	4,055.11	1/4	3,902.19	1/4	3,750.82
3/8	5,135.86	3/8	4,981.01	3/8	4,826.15	3/8	4,671.30	3/8	4,516.45	3/8	4,361.59	3/8	4,206.74	3/8	4,051.89	3/8	3,899.04	3/8	3,747.67
1/2	5,132.63	1/2	4,977.78	1/2	4,822.93	1/2	4,668.07	1/2	4,513.22	1/2	4,358.37	1/2	4,203.52	1/2	4,048.66	1/2	3,895.88	1/2	3,744.51
5/8	5,129.41	5/8	4,974.55	5/8	4,819.70	5/8	4,664.85	5/8	4,510.00	5/8	4,355.14	5/8	4,200.29	5/8	4,045.44	5/8	3,892.73	5/8	3,741.36
3/4	5,126.18	3/4	4,971.33	3/4	4,816.47	3/4	4,661.62	3/4	4,506.77	3/4	4,351.92	3/4	4,197.06	3/4	4,042.21	3/4	3,889.57	3/4	3,738.21
7/8	5,122.95	7/8	4,968.10	7/8	4,813.25	7/8	4,658.40	7/8	4,503.54	7/8	4,348.69	7/8	4,193.84	7/8	4,038.98	7/8	3,886.42	7/8	3,735.05
4	5,119.73	10	4,964.88	4	4,810.02	10	4,655.17	4	4,500.32	10	4,345.46	4	4,190.61	10	4,035.76	4	3,883.27	10	3,731.90
1/8	5,116.50	1/8	4,961.65	1/8	4,806.80	1/8	4,651.94	1/8	4,497.09	1/8	4,342.24	1/8	4,187.39	1/8	4,032.53	1/8	3,880.11	1/8	3,728.75
1/4	5,113.28	1/4	4,958.42	1/4	4,803.57	1/4	4,648.72	1/4	4,493.86	1/4	4,339.01	1/4	4,184.16	1/4	4,029.31	1/4	3,876.96	1/4	3,725.59
3/8	5,110.05	3/8	4,955.20	3/8	4,800.34	3/8	4,645.49	3/8	4,490.64	3/8	4,335.79	3/8	4,180.93	3/8	4,026.08	3/8	3,873.81	3/8	3,722.44
1/2	5,106.82	1/2	4,951.97	1/2	4,797.12	1/2	4,642.27	1/2	4,487.41	1/2	4,332.56	1/2	4,177.71	1/2	4,022.85	1/2	3,870.65	1/2	3,719.29
5/8	5,103.60	5/8	4,948.74	5/8	4,793.89	5/8	4,639.04	5/8	4,484.19	5/8	4,329.33	5/8	4,174.48	5/8	4,019.63	5/8	3,867.50	5/8	3,716.13
3/4	5,100.37	3/4	4,945.52	3/4	4,790.67	3/4	4,635.81	3/4	4,480.96	3/4	4,326.11	3/4	4,171.25	3/4	4,016.40	3/4	3,864.35	3/4	3,712.98
7/8	5,097.15	7/8	4,942.29	7/8	4,787.44	7/8	4,632.59	7/8	4,477.73	7/8	4,322.88	7/8	4,168.03	7/8	4,013.18	7/8	3,861.19	7/8	3,709.83
5	5,093.92	11	4,939.07	5	4,784.21	11	4,629.36	5	4,474.51	11	4,319.66	5	4,164.80	11	4,009.95	5	3,858.04	11	3,706.67
1/8	5,090.69	1/8	4,935.84	1/8	4,780.99	1/8	4,626.13	1/8	4,471.28	1/8	4,316.43	1/8	4,161.58	1/8	4,006.72	1/8	3,854.89	1/8	3,703.52
1/4	5,087.47	1/4	4,932.61	1/4	4,777.76	1/4	4,622.91	1/4	4,468.06	1/4	4,313.20	1/4	4,158.35	1/4	4,003.50	1/4	3,851.73	1/4	3,700.36
3/8	5,084.24	3/8	4,929.39	3/8	4,774.54	3/8	4,619.68	3/8	4,464.83	3/8	4,309.98	3/8	4,155.12	3/8	4,000.27	3/8	3,848.58	3/8	3,697.21
1/2	5,081.01	1/2	4,926.16	1/2	4,771.31	1/2	4,616.46	1/2	4,461.60	1/2	4,306.75	1/2	4,151.90	1/2	3,997.05	1/2	3,845.43	1/2	3,694.06
5/8	5,077.79	5/8	4,922.94	5/8	4,768.08	5/8	4,613.23	5/8	4,458.38	5/8	4,303.52	5/8	4,148.67	5/8	3,993.82	5/8	3,842.27	5/8	3,690.90
3/4	5,074.56	3/4	4,919.71	3/4	4,764.86	3/4	4,610.00	3/4	4,455.15	3/4	4,300.30	3/4	4,145.45	3/4	3,990.59	3/4	3,839.12	3/4	3,687.75
7/8	5,071.34	7/8	4,916.48	7/8	4,761.63	7/8	4,606.78	7/8	4,451.93	7/8	4,297.07	7/8	4,142.22	7/8	3,987.43	7/8	3,835.97	7/8	3,684.54

GAUGE LOCATED 22'-8 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
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SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**1 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	3,681.34	6	3,526.92	0	3,372.44	6	3,217.97	0	3,063.49	6	2,909.01	0	2,754.53	6	2,600.05	0	2,445.66	6	2,291.43
1/8	3,678.13	1/8	3,523.70	1/8	3,369.23	1/8	3,214.75	1/8	3,060.27	1/8	2,905.79	1/8	2,751.31	1/8	2,596.83	1/8	2,442.44	1/8	2,288.22
1/4	3,674.92	1/4	3,520.49	1/4	3,366.01	1/4	3,211.53	1/4	3,057.05	1/4	2,902.57	1/4	2,748.09	1/4	2,593.61	1/4	2,439.23	1/4	2,285.01
3/8	3,671.72	3/8	3,517.27	3/8	3,362.79	3/8	3,208.31	3/8	3,053.83	3/8	2,899.35	3/8	2,744.87	3/8	2,590.39	3/8	2,436.01	3/8	2,281.80
1/2	3,668.51	1/2	3,514.05	1/2	3,359.57	1/2	3,205.09	1/2	3,050.61	1/2	2,896.13	1/2	2,741.65	1/2	2,587.18	1/2	2,432.80	1/2	2,278.58
5/8	3,665.30	5/8	3,510.83	5/8	3,356.35	5/8	3,201.87	5/8	3,047.40	5/8	2,892.92	5/8	2,738.44	5/8	2,583.96	5/8	2,429.58	5/8	2,275.37
3/4	3,662.09	3/4	3,507.61	3/4	3,353.13	3/4	3,198.66	3/4	3,044.18	3/4	2,889.70	3/4	2,735.22	3/4	2,580.74	3/4	2,426.37	3/4	2,272.16
7/8	3,658.88	7/8	3,504.39	7/8	3,349.92	7/8	3,195.44	7/8	3,040.96	7/8	2,886.48	7/8	2,732.00	7/8	2,577.52	7/8	2,423.15	7/8	2,268.95
1	3,655.66	7	3,501.18	1	3,346.70	7	3,192.22	1	3,037.74	7	2,883.26	1	2,728.78	7	2,574.31	1	2,419.94	7	2,265.74
1/8	3,652.44	1/8	3,497.96	1/8	3,343.48	1/8	3,189.00	1/8	3,034.52	1/8	2,880.04	1/8	2,725.56	1/8	2,571.09	1/8	2,416.73	1/8	2,262.53
1/4	3,649.22	1/4	3,494.74	1/4	3,340.26	1/4	3,185.78	1/4	3,031.30	1/4	2,876.82	1/4	2,722.34	1/4	2,567.87	1/4	2,413.51	1/4	2,259.32
3/8	3,646.00	3/8	3,491.52	3/8	3,337.04	3/8	3,182.56	3/8	3,028.09	3/8	2,873.61	3/8	2,719.13	3/8	2,564.65	3/8	2,410.30	3/8	2,256.11
1/2	3,642.78	1/2	3,488.30	1/2	3,333.82	1/2	3,179.35	1/2	3,024.87	1/2	2,870.39	1/2	2,715.91	1/2	2,561.44	1/2	2,407.08	1/2	2,252.90
5/8	3,639.56	5/8	3,485.08	5/8	3,330.61	5/8	3,176.13	5/8	3,021.65	5/8	2,867.17	5/8	2,712.69	5/8	2,558.22	5/8	2,403.87	5/8	2,249.69
3/4	3,636.34	3/4	3,481.87	3/4	3,327.39	3/4	3,172.91	3/4	3,018.43	3/4	2,863.95	3/4	2,709.47	3/4	2,555.00	3/4	2,400.66	3/4	2,246.48
7/8	3,633.13	7/8	3,478.65	7/8	3,324.17	7/8	3,169.69	7/8	3,015.21	7/8	2,860.73	7/8	2,706.25	7/8	2,551.78	7/8	2,397.44	7/8	2,243.27
2	3,629.91	8	3,475.43	2	3,320.95	8	3,166.47	2	3,011.99	8	2,857.51	2	2,703.03	8	2,548.57	2	2,394.23	8	2,240.06
1/8	3,626.69	1/8	3,472.21	1/8	3,317.73	1/8	3,163.25	1/8	3,008.78	1/8	2,854.30	1/8	2,699.82	1/8	2,545.35	1/8	2,391.02	1/8	2,236.85
1/4	3,623.47	1/4	3,468.99	1/4	3,314.51	1/4	3,160.04	1/4	3,005.56	1/4	2,851.08	1/4	2,696.60	1/4	2,542.13	1/4	2,387.80	1/4	2,233.64
3/8	3,620.25	3/8	3,465.78	3/8	3,311.30	3/8	3,156.82	3/8	3,002.34	3/8	2,847.86	3/8	2,693.38	3/8	2,538.92	3/8	2,384.59	3/8	2,230.43
1/2	3,617.04	1/2	3,462.56	1/2	3,308.08	1/2	3,153.60	1/2	2,999.12	1/2	2,844.64	1/2	2,690.16	1/2	2,535.70	1/2	2,381.37	1/2	2,227.22
5/8	3,613.82	5/8	3,459.34	5/8	3,304.86	5/8	3,150.38	5/8	2,995.90	5/8	2,841.42	5/8	2,686.94	5/8	2,532.48	5/8	2,378.16	5/8	2,224.01
3/4	3,610.60	3/4	3,456.12	3/4	3,301.64	3/4	3,147.16	3/4	2,992.68	3/4	2,838.20	3/4	2,683.72	3/4	2,529.26	3/4	2,374.95	3/4	2,220.80
7/8	3,607.38	7/8	3,452.90	7/8	3,298.42	7/8	3,143.95	7/8	2,989.47	7/8	2,834.99	7/8	2,680.51	7/8	2,526.05	7/8	2,371.74	7/8	2,217.59
3	3,604.16	9	3,449.68	3	3,295.21	9	3,140.73	3	2,986.25	9	2,831.77	3	2,677.29	9	2,522.83	3	2,368.52	9	2,214.38
1/8	3,600.94	1/8	3,446.47	1/8	3,291.99	1/8	3,137.51	1/8	2,983.03	1/8	2,828.55	1/8	2,674.07	1/8	2,519.62	1/8	2,365.31	1/8	2,211.17
1/4	3,597.73	1/4	3,443.25	1/4	3,288.77	1/4	3,134.29	1/4	2,979.81	1/4	2,825.33	1/4	2,670.85	1/4	2,516.40	1/4	2,362.10	1/4	2,207.96
3/8	3,594.51	3/8	3,440.03	3/8	3,285.55	3/8	3,131.07	3/8	2,976.59	3/8	2,822.11	3/8	2,667.63	3/8	2,513.18	3/8	2,358.88	3/8	2,204.75
1/2	3,591.29	1/2	3,436.81	1/2	3,282.33	1/2	3,127.85	1/2	2,973.37	1/2	2,818.89	1/2	2,664.41	1/2	2,509.97	1/2	2,355.67	1/2	2,201.54
5/8	3,588.07	5/8	3,433.59	5/8	3,279.11	5/8	3,124.64	5/8	2,970.16	5/8	2,815.68	5/8	2,661.20	5/8	2,506.75	5/8	2,352.46	5/8	2,198.33
3/4	3,584.85	3/4	3,430.37	3/4	3,275.90	3/4	3,121.42	3/4	2,966.94	3/4	2,812.46	3/4	2,657.98	3/4	2,503.53	3/4	2,349.24	3/4	2,195.12
7/8	3,581.63	7/8	3,427.16	7/8	3,272.68	7/8	3,118.20	7/8	2,963.72	7/8	2,809.24	7/8	2,654.76	7/8	2,500.32	7/8	2,346.03	7/8	2,191.91
4	3,578.42	10	3,423.94	4	3,269.46	10	3,114.98	4	2,960.50	10	2,806.02	4	2,651.54	10	2,497.10	4	2,342.82	10	2,188.70
1/8	3,575.20	1/8	3,420.72	1/8	3,266.24	1/8	3,111.76	1/8	2,957.28	1/8	2,802.80	1/8	2,648.32	1/8	2,493.89	1/8	2,339.61	1/8	2,185.49
1/4	3,571.98	1/4	3,417.50	1/4	3,263.02	1/4	3,108.54	1/4	2,954.06	1/4	2,799.58	1/4	2,645.10	1/4	2,490.67	1/4	2,336.39	1/4	2,182.28
3/8	3,568.76	3/8	3,414.28	3/8	3,259.80	3/8	3,105.33	3/8	2,950.85	3/8	2,796.37	3/8	2,641.89	3/8	2,487.46	3/8	2,333.18	3/8	2,179.07
1/2	3,565.54	1/2	3,411.06	1/2	3,256.59	1/2	3,102.11	1/2	2,947.63	1/2	2,793.15	1/2	2,638.67	1/2	2,484.24	1/2	2,329.97	1/2	2,175.86
5/8	3,562.32	5/8	3,407.85	5/8	3,253.37	5/8	3,098.89	5/8	2,944.41	5/8	2,789.93	5/8	2,635.45	5/8	2,481.02	5/8	2,326.76	5/8	2,172.65
3/4	3,559.11	3/4	3,404.63	3/4	3,250.15	3/4	3,095.67	3/4	2,941.19	3/4	2,786.71	3/4	2,632.23	3/4	2,477.81	3/4	2,323.55	3/4	2,169.44
7/8	3,555.89	7/8	3,401.41	7/8	3,246.93	7/8	3,092.45	7/8	2,937.97	7/8	2,783.49	7/8	2,629.01	7/8	2,474.59	7/8	2,320.33	7/8	2,166.23
5	3,552.67	11	3,398.19	5	3,243.71	11	3,089.23	5	2,934.75	11	2,780.27	5	2,625.79	11	2,471.38	5	2,317.12	11	2,163.02
1/8	3,549.45	1/8	3,394.97	1/8	3,240.49	1/8	3,086.02	1/8	2,931.54	1/8	2,777.06	1/8	2,622.58	1/8	2,468.16	1/8	2,313.91	1/8	2,159.81
1/4	3,546.23	1/4	3,391.75	1/4	3,237.28	1/4	3,082.80	1/4	2,928.32	1/4	2,773.84	1/4	2,619.36	1/4	2,464.95	1/4	2,310.70	1/4	2,156.61
3/8	3,543.01	3/8	3,388.54	3/8	3,234.06	3/8	3,079.58	3/8	2,925.10	3/8	2,770.62	3/8	2,616.14	3/8	2,461.73	3/8	2,307.49	3/8	2,153.40
1/2	3,539.80	1/2	3,385.32	1/2	3,230.84	1/2	3,076.36	1/2	2,921.88	1/2	2,767.40	1/2	2,612.92	1/2	2,458.52	1/2	2,304.27	1/2	2,150.19
5/8	3,536.58	5/8	3,382.10	5/8	3,227.62	5/8	3,073.14	5/8	2,918.66	5/8	2,764.18	5/8	2,609.70	5/8	2,455.30	5/8	2,301.06	5/8	2,146.98
3/4	3,533.36	3/4	3,378.88	3/4	3,224.40	3/4	3,069.92	3/4	2,915.44	3/4	2,760.96	3/4	2,606.48	3/4	2,452.09	3/4	2,297.85	3/4	2,143.77
7/8	3,530.14	7/8	3,375.66	7/8	3,221.18	7/8	3,066.71	7/8	2,912.23	7/8	2,757.75	7/8	2,603.27	7/8	2,448.87	7/8	2,294.64	7/8	2,140.56

GAUGE LOCATED 22'-8 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**1 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,137.35	6	1,983.30	0	1,829.33	6	1,675.57	0	1,522.13	6	1,369.04	0	1,216.29	6	1,063.79	0	912.33	6	763.80
1/8	2,134.14	1/8	1,980.09	1/8	1,826.13	1/8	1,672.37	1/8	1,518.94	1/8	1,365.85	1/8	1,213.11	1/8	1,060.61	1/8	909.22	1/8	760.73
1/4	2,130.93	1/4	1,976.88	1/4	1,822.92	1/4	1,669.17	1/4	1,515.74	1/4	1,362.67	1/4	1,209.93	1/4	1,057.44	1/4	906.12	1/4	757.65
3/8	2,127.72	3/8	1,973.67	3/8	1,819.71	3/8	1,665.97	3/8	1,512.55	3/8	1,359.48	3/8	1,206.75	3/8	1,054.26	3/8	903.01	3/8	754.57
1/2	2,124.51	1/2	1,970.46	1/2	1,816.51	1/2	1,662.77	1/2	1,509.36	1/2	1,356.30	1/2	1,203.57	1/2	1,051.09	1/2	899.90	1/2	751.49
5/8	2,121.30	5/8	1,967.25	5/8	1,813.30	5/8	1,659.57	5/8	1,506.17	5/8	1,353.11	5/8	1,200.39	5/8	1,047.92	5/8	896.80	5/8	748.41
3/4	2,118.09	3/4	1,964.04	3/4	1,810.10	3/4	1,656.37	3/4	1,502.97	3/4	1,349.92	3/4	1,197.21	3/4	1,044.74	3/4	893.69	3/4	745.33
7/8	2,114.88	7/8	1,960.83	7/8	1,806.89	7/8	1,653.17	7/8	1,499.78	7/8	1,346.74	7/8	1,194.03	7/8	1,041.57	7/8	890.59	7/8	742.26
1	2,111.67	7	1,957.62	1	1,803.69	7	1,649.97	1	1,496.59	7	1,343.56	1	1,190.85	7	1,038.39	1	887.49	7	739.18
1/8	2,108.46	1/8	1,954.42	1/8	1,800.48	1/8	1,646.77	1/8	1,493.40	1/8	1,340.37	1/8	1,187.67	1/8	1,035.22	1/8	884.39	1/8	736.11
1/4	2,105.25	1/4	1,951.21	1/4	1,797.28	1/4	1,643.57	1/4	1,490.21	1/4	1,337.19	1/4	1,184.50	1/4	1,032.05	1/4	881.29	1/4	733.04
3/8	2,102.04	3/8	1,948.00	3/8	1,794.07	3/8	1,640.38	3/8	1,487.02	3/8	1,334.00	3/8	1,181.32	3/8	1,028.87	3/8	878.19	3/8	729.97
1/2	2,098.83	1/2	1,944.79	1/2	1,790.87	1/2	1,637.18	1/2	1,483.82	1/2	1,330.82	1/2	1,178.14	1/2	1,025.70	1/2	875.09	1/2	726.89
5/8	2,095.62	5/8	1,941.58	5/8	1,787.66	5/8	1,633.98	5/8	1,480.63	5/8	1,327.64	5/8	1,174.96	5/8	1,022.53	5/8	871.98	5/8	723.82
3/4	2,092.42	3/4	1,938.37	3/4	1,784.46	3/4	1,630.78	3/4	1,477.44	3/4	1,324.45	3/4	1,171.78	3/4	1,019.35	3/4	868.88	3/4	720.75
7/8	2,089.21	7/8	1,935.16	7/8	1,781.26	7/8	1,627.58	7/8	1,474.25	7/8	1,321.27	7/8	1,168.60	7/8	1,016.18	7/8	865.79	7/8	717.68
2	2,086.00	8	1,931.96	2	1,778.05	8	1,624.38	2	1,471.06	8	1,318.09	2	1,165.43	8	1,013.01	2	862.69	8	714.61
1/8	2,082.79	1/8	1,928.75	1/8	1,774.85	1/8	1,621.19	1/8	1,467.87	1/8	1,314.90	1/8	1,162.25	1/8	1,009.84	1/8	859.59	1/8	711.55
1/4	2,079.58	1/4	1,925.54	1/4	1,771.64	1/4	1,617.99	1/4	1,464.68	1/4	1,311.72	1/4	1,159.07	1/4	1,006.66	1/4	856.49	1/4	708.48
3/8	2,076.37	3/8	1,922.33	3/8	1,768.44	3/8	1,614.79	3/8	1,461.49	3/8	1,308.54	3/8	1,155.89	3/8	1,003.49	3/8	853.40	3/8	705.41
1/2	2,073.16	1/2	1,919.12	1/2	1,765.23	1/2	1,611.59	1/2	1,458.30	1/2	1,305.36	1/2	1,152.72	1/2	1,000.32	1/2	850.30	1/2	702.35
5/8	2,069.95	5/8	1,915.91	5/8	1,762.03	5/8	1,608.40	5/8	1,455.11	5/8	1,302.17	5/8	1,149.54	5/8	997.15	5/8	847.20	5/8	699.28
3/4	2,066.74	3/4	1,912.71	3/4	1,758.83	3/4	1,605.20	3/4	1,451.92	3/4	1,298.99	3/4	1,146.36	3/4	993.97	3/4	844.10	3/4	696.21
7/8	2,063.53	7/8	1,909.50	7/8	1,755.62	7/8	1,602.00	7/8	1,448.73	7/8	1,295.81	7/8	1,143.18	7/8	990.80	7/8	841.01	7/8	693.15
3	2,060.32	9	1,906.29	3	1,752.42	9	1,598.81	3	1,445.54	9	1,292.63	3	1,140.01	9	987.63	3	837.92	9	690.09
1/8	2,057.11	1/8	1,903.08	1/8	1,749.22	1/8	1,595.61	1/8	1,442.35	1/8	1,289.44	1/8	1,136.83	1/8	984.46	1/8	834.82	1/8	687.03
1/4	2,053.90	1/4	1,899.88	1/4	1,746.01	1/4	1,592.41	1/4	1,439.16	1/4	1,286.26	1/4	1,133.65	1/4	981.29	1/4	831.73	1/4	683.97
3/8	2,050.69	3/8	1,896.67	3/8	1,742.81	3/8	1,589.22	3/8	1,435.97	3/8	1,283.08	3/8	1,130.48	3/8	978.12	3/8	828.64	3/8	680.91
1/2	2,047.48	1/2	1,893.46	1/2	1,739.61	1/2	1,586.02	1/2	1,432.78	1/2	1,279.90	1/2	1,127.30	1/2	974.95	1/2	825.54	1/2	677.85
5/8	2,044.27	5/8	1,890.25	5/8	1,736.40	5/8	1,582.82	5/8	1,429.59	5/8	1,276.72	5/8	1,124.12	5/8	971.78	5/8	822.45	5/8	674.79
3/4	2,041.06	3/4	1,887.05	3/4	1,733.20	3/4	1,579.63	3/4	1,426.40	3/4	1,273.53	3/4	1,120.95	3/4	968.61	3/4	819.36	3/4	671.73
7/8	2,037.86	7/8	1,883.84	7/8	1,730.00	7/8	1,576.43	7/8	1,423.22	7/8	1,270.35	7/8	1,117.77	7/8	965.46	7/8	816.27	7/8	668.68
4	2,034.65	10	1,880.63	4	1,726.79	10	1,573.24	4	1,420.03	10	1,267.17	4	1,114.60	10	962.32	4	813.18	10	665.62
1/8	2,031.44	1/8	1,877.43	1/8	1,723.59	1/8	1,570.04	1/8	1,416.84	1/8	1,263.99	1/8	1,111.42	1/8	959.17	1/8	810.09	1/8	662.57
1/4	2,028.23	1/4	1,874.22	1/4	1,720.39	1/4	1,566.85	1/4	1,413.65	1/4	1,260.81	1/4	1,108.24	1/4	956.03	1/4	807.00	1/4	659.51
3/8	2,025.02	3/8	1,871.01	3/8	1,717.19	3/8	1,563.65	3/8	1,410.46	3/8	1,257.63	3/8	1,105.07	3/8	952.88	3/8	803.91	3/8	656.46
1/2	2,021.81	1/2	1,867.80	1/2	1,713.98	1/2	1,560.46	1/2	1,407.28	1/2	1,254.45	1/2	1,101.89	1/2	949.74	1/2	800.82	1/2	653.41
5/8	2,018.60	5/8	1,864.60	5/8	1,710.78	5/8	1,557.26	5/8	1,404.09	5/8	1,251.27	5/8	1,098.72	5/8	946.60	5/8	797.73	5/8	650.35
3/4	2,015.39	3/4	1,861.39	3/4	1,707.58	3/4	1,554.07	3/4	1,400.90	3/4	1,248.09	3/4	1,095.54	3/4	943.45	3/4	794.64	3/4	647.30
7/8	2,012.18	7/8	1,858.18	7/8	1,704.38	7/8	1,550.87	7/8	1,397.71	7/8	1,244.91	7/8	1,092.36	7/8	940.34	7/8	791.55	7/8	644.25
5	2,008.97	11	1,854.98	5	1,701.18	11	1,547.68	5	1,394.53	11	1,241.73	5	1,089.19	11	937.22	5	788.47	11	641.20
1/8	2,005.76	1/8	1,851.77	1/8	1,697.98	1/8	1,544.48	1/8	1,391.34	1/8	1,238.55	1/8	1,086.01	1/8	934.11	1/8	785.39	1/8	638.15
1/4	2,002.55	1/4	1,848.57	1/4	1,694.77	1/4	1,541.29	1/4	1,388.15	1/4	1,235.36	1/4	1,082.84	1/4	931.00	1/4	782.30	1/4	635.10
3/8	1,999.34	3/8	1,845.36	3/8	1,691.57	3/8	1,538.10	3/8	1,384.97	3/8	1,232.18	3/8	1,079.66	3/8	927.88	3/8	779.22	3/8	632.05
1/2	1,996.14	1/2	1,842.15	1/2	1,688.37	1/2	1,534.90	1/2	1,381.78	1/2	1,229.00	1/2	1,076.49	1/2	924.77	1/2	776.13	1/2	629.00
5/8	1,992.93	5/8	1,838.95	5/8	1,685.17	5/8	1,531.71	5/8	1,378.59	5/8	1,225.82	5/8	1,073.31	5/8	921.66	5/8	773.05	5/8	625.95
3/4	1,989.72	3/4	1,835.74	3/4	1,681.97	3/4	1,528.52	3/4	1,375.41	3/4	1,222.64	3/4	1,070.14	3/4	918.54	3/4	769.96	3/4	622.91
7/8	1,986.51	7/8	1,832.54	7/8	1,678.77	7/8	1,525.32	7/8	1,372.22	7/8	1,219.46	7/8	1,066.96	7/8	915.44	7/8	766.88	7/8	619.87

GAUGE LOCATED 22'-8 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**1 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	616.83	6	470.28	0	327.72	6	192.22	0	68.67
1/8	613.79	1/8	467.26	1/8	324.82	1/8	189.51	1/8	66.30
1/4	610.74	1/4	464.24	1/4	321.91	1/4	186.80	1/4	63.94
3/8	607.70	3/8	461.22	3/8	319.01	3/8	184.09	3/8	61.57
1/2	604.66	1/2	458.19	1/2	316.11	1/2	181.39	1/2	59.21
5/8	601.62	5/8	455.17	5/8	313.21	5/8	178.68	5/8	56.84
3/4	598.58	3/4	452.15	3/4	310.31	3/4	175.97	3/4	54.47
7/8	595.53	7/8	449.15	7/8	307.44	7/8	173.30	7/8	52.26
1	592.47	7	446.14	1	304.56	7	170.64	1	50.06
1/8	589.42	1/8	443.14	1/8	301.68	1/8	167.97	1/8	47.85
1/4	586.36	1/4	440.13	1/4	298.81	1/4	165.30	1/4	45.64
3/8	583.31	3/8	437.13	3/8	295.93	3/8	162.63	3/8	43.43
1/2	580.26	1/2	434.12	1/2	293.05	1/2	159.97	1/2	41.22
5/8	577.20	5/8	431.12	5/8	290.18	5/8	157.30	5/8	39.01
3/4	574.15	3/4	428.11	3/4	287.30	3/4	154.63	3/4	36.80
7/8	571.07	7/8	425.13	7/8	284.45	7/8	152.01	7/8	34.91
2	568.00	8	422.14	2	281.60	8	149.39	2	33.02
1/8	564.93	1/8	419.16	1/8	278.75	1/8	146.76	1/8	31.13
1/4	561.86	1/4	416.17	1/4	275.90	1/4	144.14	1/4	29.24
3/8	558.79	3/8	413.18	3/8	273.05	3/8	141.52	3/8	27.35
1/2	555.71	1/2	410.20	1/2	270.20	1/2	138.90	1/2	25.46
5/8	552.64	5/8	407.21	5/8	267.36	5/8	136.28	5/8	23.56
3/4	549.57	3/4	404.23	3/4	264.51	3/4	133.65	3/4	21.67
7/8	546.50	7/8	401.26	7/8	261.69	7/8	131.08		
3	543.44	9	398.29	3	258.86	9	128.51		
1/8	540.37	1/8	395.32	1/8	256.04	1/8	125.94		
1/4	537.31	1/4	392.36	1/4	253.22	1/4	123.37		
3/8	534.24	3/8	389.39	3/8	250.40	3/8	120.80		
1/2	531.18	1/2	386.42	1/2	247.58	1/2	118.23		
5/8	528.11	5/8	383.45	5/8	244.76	5/8	115.66		
3/4	525.04	3/4	380.49	3/4	241.94	3/4	113.08		
7/8	521.99	7/8	377.54	7/8	239.15	7/8	110.57		
4	518.94	10	374.59	4	236.36	10	108.06		
1/8	515.89	1/8	371.65	1/8	233.57	1/8	105.55		
1/4	512.84	1/4	368.70	1/4	230.78	1/4	103.04		
3/8	509.78	3/8	365.76	3/8	227.99	3/8	100.53		
1/2	506.73	1/2	362.81	1/2	225.20	1/2	98.01		
5/8	503.68	5/8	359.86	5/8	222.41	5/8	95.50		
3/4	500.63	3/4	356.92	3/4	219.62	3/4	92.99		
7/8	497.59	7/8	353.97	7/8	216.87	7/8	90.54		
5	494.55	11	351.07	5	214.12	11	88.09		
1/8	491.51	1/8	348.14	1/8	211.37	1/8	85.65		
1/4	488.47	1/4	345.22	1/4	208.63	1/4	83.20		
3/8	485.44	3/8	342.29	3/8	205.88	3/8	80.75		
1/2	482.40	1/2	339.37	1/2	203.13	1/2	78.30		
5/8	479.36	5/8	336.44	5/8	200.38	5/8	75.85		
3/4	476.32	3/4	333.52	3/4	197.63	3/4	73.40		
7/8	473.30	7/8	330.62	7/8	194.93	7/8	71.04		

GAUGE LOCATED 22'-8 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

1 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		6		0		6		0		6		0		6		0		6		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,922.01
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,920.52
1		7		1		7		1		7		1		7		1		7		1	9,919.03
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,917.54
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,916.05
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,914.56
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,913.07
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,911.58
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,910.09
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,908.36
2		8		2		8		2		8		2		8		2		8		2	9,906.63
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,904.90
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,903.18
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,901.45
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,899.72
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,897.99
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,896.26
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,894.31
3		9		3		9		3		9		3		9		3		9		3	9,892.36
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,890.41
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,888.45
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,886.50
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,884.55
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,882.60
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,880.64
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,878.47
4		10		4		10		4		10		4		10		4		10		4	9,876.29
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,874.11
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,871.94
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,869.76
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,867.58
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,865.40
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,863.23
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,860.82
5		11		5		11		5		11		5		11		5		11		5	9,858.41
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,856.01
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,853.60
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,851.19
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,848.78
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,846.38
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,843.97
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,841.30

GAUGE LOCATED 26'-8 1/2" FORWARD OF AFT BULKHEAD, AND 15'-3" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.

COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

1 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	9,838.64	6	9,690.65	0	9,535.79	6	9,380.94	0	9,226.09	6	9,071.24	0	8,916.38	6	8,761.53	0	8,606.68	6	8,451.83
1/8	9,835.97	1/8	9,687.42	1/8	9,532.57	1/8	9,377.72	1/8	9,222.86	1/8	9,068.01	1/8	8,913.16	1/8	8,758.30	1/8	8,603.45	1/8	8,448.60
1/4	9,833.31	1/4	9,684.20	1/4	9,529.34	1/4	9,374.49	1/4	9,219.64	1/4	9,064.78	1/4	8,909.93	1/4	8,755.08	1/4	8,600.23	1/4	8,445.37
3/8	9,830.64	3/8	9,680.97	3/8	9,526.12	3/8	9,371.26	3/8	9,216.41	3/8	9,061.56	3/8	8,906.71	3/8	8,751.85	3/8	8,597.00	3/8	8,442.15
1/2	9,827.98	1/2	9,677.74	1/2	9,522.89	1/2	9,368.04	1/2	9,213.18	1/2	9,058.33	1/2	8,903.48	1/2	8,748.63	1/2	8,593.77	1/2	8,438.92
5/8	9,825.31	5/8	9,674.52	5/8	9,519.66	5/8	9,364.81	5/8	9,209.96	5/8	9,055.11	5/8	8,900.25	5/8	8,745.40	5/8	8,590.55	5/8	8,436.69
3/4	9,822.65	3/4	9,671.29	3/4	9,516.44	3/4	9,361.59	3/4	9,206.73	3/4	9,051.88	3/4	8,897.03	3/4	8,742.17	3/4	8,587.32	3/4	8,432.47
7/8	9,819.74	7/8	9,668.06	7/8	9,513.21	7/8	9,358.36	7/8	9,203.51	7/8	9,048.65	7/8	8,893.80	7/8	8,738.95	7/8	8,584.10	7/8	8,429.24
1	9,816.84	7	9,664.84	1	9,509.99	7	9,355.13	1	9,200.28	7	9,045.43	1	8,890.57	7	8,735.72	1	8,580.87	7	8,426.02
1/8	9,813.94	1/8	9,661.61	1/8	9,506.76	1/8	9,351.91	1/8	9,197.05	1/8	9,042.20	1/8	8,887.35	1/8	8,732.50	1/8	8,577.64	1/8	8,422.79
1/4	9,811.03	1/4	9,658.39	1/4	9,503.53	1/4	9,348.68	1/4	9,193.83	1/4	9,038.98	1/4	8,884.12	1/4	8,729.27	1/4	8,574.42	1/4	8,419.56
3/8	9,808.13	3/8	9,655.16	3/8	9,500.31	3/8	9,345.45	3/8	9,190.60	3/8	9,035.75	3/8	8,880.90	3/8	8,726.04	3/8	8,571.19	3/8	8,416.34
1/2	9,805.23	1/2	9,651.93	1/2	9,497.08	1/2	9,342.23	1/2	9,187.38	1/2	9,032.52	1/2	8,877.67	1/2	8,722.82	1/2	8,567.96	1/2	8,413.11
5/8	9,802.32	5/8	9,648.71	5/8	9,493.86	5/8	9,339.00	5/8	9,183.15	5/8	9,029.30	5/8	8,874.44	5/8	8,719.59	5/8	8,564.74	5/8	8,410.89
3/4	9,799.42	3/4	9,645.48	3/4	9,490.63	3/4	9,335.78	3/4	9,180.92	3/4	9,026.07	3/4	8,871.22	3/4	8,716.37	3/4	8,561.51	3/4	8,406.66
7/8	9,796.29	7/8	9,642.26	7/8	9,487.40	7/8	9,332.55	7/8	9,177.70	7/8	9,022.84	7/8	8,867.99	7/8	8,713.14	7/8	8,558.29	7/8	8,403.43
2	9,793.16	8	9,639.03	2	9,484.18	8	9,329.32	2	9,174.47	8	9,019.62	2	8,864.77	8	8,709.91	2	8,555.06	8	8,400.21
1/8	9,790.04	1/8	9,635.80	1/8	9,480.95	1/8	9,326.10	1/8	9,171.25	1/8	9,016.39	1/8	8,861.54	1/8	8,706.69	1/8	8,551.83	1/8	8,396.98
1/4	9,786.91	1/4	9,632.58	1/4	9,477.73	1/4	9,322.87	1/4	9,168.02	1/4	9,013.17	1/4	8,858.31	1/4	8,703.46	1/4	8,548.61	1/4	8,393.76
3/8	9,783.78	3/8	9,629.35	3/8	9,474.50	3/8	9,319.65	3/8	9,164.79	3/8	9,009.94	3/8	8,855.09	3/8	8,700.23	3/8	8,545.38	3/8	8,390.53
1/2	9,780.65	1/2	9,626.13	1/2	9,471.27	1/2	9,316.42	1/2	9,161.57	1/2	9,006.71	1/2	8,851.86	1/2	8,697.01	1/2	8,542.16	1/2	8,387.30
5/8	9,777.52	5/8	9,622.90	5/8	9,468.05	5/8	9,313.19	5/8	9,158.34	5/8	9,003.49	5/8	8,848.64	5/8	8,693.78	5/8	8,538.93	5/8	8,384.08
3/4	9,774.40	3/4	9,619.67	3/4	9,464.82	3/4	9,309.97	3/4	9,155.12	3/4	9,000.26	3/4	8,845.41	3/4	8,690.56	3/4	8,535.70	3/4	8,380.85
7/8	9,771.19	7/8	9,616.45	7/8	9,461.59	7/8	9,306.74	7/8	9,151.89	7/8	8,997.04	7/8	8,842.18	7/8	8,687.33	7/8	8,532.48	7/8	8,377.62
3	9,767.98	9	9,613.22	3	9,458.37	9	9,303.52	3	9,148.66	9	8,993.81	3	8,838.96	9	8,684.10	3	8,529.25	9	8,374.40
1/8	9,764.77	1/8	9,610.00	1/8	9,455.14	1/8	9,300.29	1/8	9,145.44	1/8	8,990.58	1/8	8,835.73	1/8	8,680.88	1/8	8,526.03	1/8	8,371.17
1/4	9,761.56	1/4	9,606.77	1/4	9,451.92	1/4	9,297.06	1/4	9,142.21	1/4	8,987.36	1/4	8,832.51	1/4	8,677.65	1/4	8,522.80	1/4	8,367.95
3/8	9,758.35	3/8	9,603.54	3/8	9,448.69	3/8	9,293.84	3/8	9,138.98	3/8	8,984.13	3/8	8,829.28	3/8	8,674.43	3/8	8,519.57	3/8	8,364.72
1/2	9,755.14	1/2	9,600.32	1/2	9,445.46	1/2	9,290.61	1/2	9,135.76	1/2	8,980.91	1/2	8,826.05	1/2	8,671.20	1/2	8,516.35	1/2	8,361.49
5/8	9,751.93	5/8	9,597.09	5/8	9,442.24	5/8	9,287.39	5/8	9,132.53	5/8	8,977.68	5/8	8,822.83	5/8	8,667.97	5/8	8,513.12	5/8	8,358.27
3/4	9,748.72	3/4	9,593.86	3/4	9,439.01	3/4	9,284.16	3/4	9,129.31	3/4	8,974.45	3/4	8,819.60	3/4	8,664.75	3/4	8,509.90	3/4	8,355.04
7/8	9,745.49	7/8	9,590.64	7/8	9,435.79	7/8	9,280.93	7/8	9,126.08	7/8	8,971.23	7/8	8,816.37	7/8	8,661.52	7/8	8,506.67	7/8	8,351.82
4	9,742.27	10	9,587.41	4	9,432.56	10	9,277.71	4	9,122.85	10	8,968.00	4	8,813.15	10	8,658.30	4	8,503.44	10	8,348.59
1/8	9,739.04	1/8	9,584.19	1/8	9,429.33	1/8	9,274.48	1/8	9,119.63	1/8	8,964.78	1/8	8,809.92	1/8	8,655.07	1/8	8,500.22	1/8	8,345.36
1/4	9,735.81	1/4	9,580.96	1/4	9,426.11	1/4	9,271.25	1/4	9,116.40	1/4	8,961.55	1/4	8,806.70	1/4	8,651.84	1/4	8,496.99	1/4	8,342.14
3/8	9,732.59	3/8	9,577.73	3/8	9,422.88	3/8	9,268.03	3/8	9,113.18	3/8	8,958.32	3/8	8,803.47	3/8	8,648.62	3/8	8,493.76	3/8	8,338.91
1/2	9,729.36	1/2	9,574.51	1/2	9,419.66	1/2	9,264.80	1/2	9,109.95	1/2	8,955.10	1/2	8,800.24	1/2	8,645.39	1/2	8,490.54	1/2	8,335.69
5/8	9,726.13	5/8	9,571.28	5/8	9,416.43	5/8	9,261.58	5/8	9,106.72	5/8	8,951.87	5/8	8,797.02	5/8	8,642.17	5/8	8,487.31	5/8	8,332.46
3/4	9,722.91	3/4	9,568.06	3/4	9,413.20	3/4	9,258.35	3/4	9,103.50	3/4	8,948.64	3/4	8,793.79	3/4	8,638.94	3/4	8,484.09	3/4	8,329.23
7/8	9,719.68	7/8	9,564.83	7/8	9,409.98	7/8	9,255.12	7/8	9,100.27	7/8	8,945.42	7/8	8,790.57	7/8	8,635.71	7/8	8,480.86	7/8	8,326.01
5	9,716.46	11	9,561.60	5	9,406.75	11	9,251.90	5	9,097.05	11	8,942.19	5	8,787.34	11	8,632.49	5	8,477.63	11	8,322.78
1/8	9,713.23	1/8	9,558.38	1/8	9,403.52	1/8	9,248.67	1/8	9,093.82	1/8	8,938.97	1/8	8,784.11	1/8	8,629.26	1/8	8,474.41	1/8	8,319.56
1/4	9,710.00	1/4	9,555.15	1/4	9,400.30	1/4	9,245.45	1/4	9,090.59	1/4	8,935.74	1/4	8,780.89	1/4	8,626.03	1/4	8,471.18	1/4	8,316.33
3/8	9,706.78	3/8	9,551.93	3/8	9,397.07	3/8	9,242.22	3/8	9,087.37	3/8	8,932.51	3/8	8,777.66	3/8	8,622.81	3/8	8,467.96	3/8	8,313.10
1/2	9,703.55	1/2	9,548.70	1/2	9,393.85	1/2	9,238.99	1/2	9,084.14	1/2	8,929.29	1/2	8,774.44	1/2	8,619.58	1/2	8,464.73	1/2	8,309.88
5/8	9,700.33	5/8	9,545.47	5/8	9,390.62	5/8	9,235.77	5/8	9,080.91	5/8	8,926.06	5/8	8,771.21	5/8	8,616.36	5/8	8,461.50	5/8	8,306.65
3/4	9,697.10	3/4	9,542.25	3/4	9,387.39	3/4	9,232.54	3/4	9,077.69	3/4	8,922.84	3/4	8,767.98	3/4	8,613.13	3/4	8,458.28	3/4	8,303.42
7/8	9,693.87	7/8	9,539.02	7/8	9,384.17	7/8	9,229.32	7/8	9,074.46	7/8	8,919.61	7/8	8,764.76	7/8	8,609.90	7/8	8,455.05	7/8	8,300.20

GAUGE LOCATED 26'-8 1/2" FORWARD OF AFT BULKHEAD, AND 15'-3" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

1 STAR
ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	8,296.97	6	8,142.12	0	7,987.27	6	7,832.41	0	7,677.56	6	7,522.71	0	7,367.86	6	7,213.00	0	7,058.15	6	6,903.30
1/8	8,293.75	1/8	8,138.89	1/8	7,984.04	1/8	7,829.19	1/8	7,674.34	1/8	7,519.48	1/8	7,364.63	1/8	7,209.78	1/8	7,054.92	1/8	6,900.07
1/4	8,290.52	1/4	8,135.67	1/4	7,980.81	1/4	7,825.96	1/4	7,671.11	1/4	7,515.26	1/4	7,361.40	1/4	7,206.55	1/4	7,051.70	1/4	6,896.85
3/8	8,287.29	3/8	8,132.44	3/8	7,977.59	3/8	7,822.74	3/8	7,667.88	3/8	7,513.03	3/8	7,358.18	3/8	7,203.32	3/8	7,048.47	3/8	6,893.62
1/2	8,284.07	1/2	8,129.22	1/2	7,974.36	1/2	7,819.51	1/2	7,664.66	1/2	7,509.80	1/2	7,354.95	1/2	7,200.10	1/2	7,045.25	1/2	6,890.39
5/8	8,280.84	5/8	8,125.99	5/8	7,971.14	5/8	7,816.28	5/8	7,661.43	5/8	7,506.58	5/8	7,351.73	5/8	7,196.87	5/8	7,042.02	5/8	6,887.17
3/4	8,277.62	3/4	8,122.76	3/4	7,967.91	3/4	7,813.06	3/4	7,658.20	3/4	7,503.35	3/4	7,348.50	3/4	7,193.65	3/4	7,038.79	3/4	6,883.94
7/8	8,274.39	7/8	8,119.54	7/8	7,964.68	7/8	7,809.83	7/8	7,654.98	7/8	7,500.13	7/8	7,345.27	7/8	7,190.42	7/8	7,035.57	7/8	6,880.71
1	8,271.16	7	8,116.31	1	7,961.46	7	7,806.61	1	7,651.75	7	7,496.90	1	7,342.05	7	7,187.19	1	7,032.34	7	6,877.49
1/8	8,267.94	1/8	8,113.08	1/8	7,958.23	1/8	7,803.38	1/8	7,648.53	1/8	7,493.67	1/8	7,338.82	1/8	7,183.97	1/8	7,029.12	1/8	6,874.26
1/4	8,264.71	1/4	8,109.86	1/4	7,955.01	1/4	7,800.15	1/4	7,645.30	1/4	7,490.45	1/4	7,335.59	1/4	7,180.74	1/4	7,025.89	1/4	6,871.04
3/8	8,261.49	3/8	8,106.63	3/8	7,951.78	3/8	7,796.93	3/8	7,642.07	3/8	7,487.22	3/8	7,332.37	3/8	7,177.52	3/8	7,022.66	3/8	6,867.81
1/2	8,258.26	1/2	8,103.41	1/2	7,948.55	1/2	7,793.70	1/2	7,638.85	1/2	7,484.00	1/2	7,329.14	1/2	7,174.29	1/2	7,019.44	1/2	6,864.58
5/8	8,255.03	5/8	8,100.18	5/8	7,945.33	5/8	7,790.47	5/8	7,635.62	5/8	7,480.77	5/8	7,325.92	5/8	7,171.06	5/8	7,016.21	5/8	6,861.36
3/4	8,251.81	3/4	8,096.95	3/4	7,942.10	3/4	7,787.25	3/4	7,632.40	3/4	7,477.54	3/4	7,322.69	3/4	7,167.84	3/4	7,012.98	3/4	6,858.13
7/8	8,248.58	7/8	8,093.73	7/8	7,938.88	7/8	7,784.02	7/8	7,629.17	7/8	7,474.32	7/8	7,319.46	7/8	7,164.61	7/8	7,009.76	7/8	6,854.91
2	8,245.35	8	8,090.50	2	7,935.65	8	7,780.80	2	7,625.94	8	7,471.09	2	7,316.24	8	7,161.39	2	7,006.53	8	6,851.68
1/8	8,242.13	1/8	8,087.28	1/8	7,932.42	1/8	7,777.57	1/8	7,622.72	1/8	7,467.86	1/8	7,313.01	1/8	7,158.16	1/8	7,003.31	1/8	6,848.45
1/4	8,238.90	1/4	8,084.05	1/4	7,929.20	1/4	7,774.34	1/4	7,619.49	1/4	7,464.64	1/4	7,309.79	1/4	7,154.93	1/4	7,000.08	1/4	6,845.23
3/8	8,235.68	3/8	8,080.82	3/8	7,925.97	3/8	7,771.12	3/8	7,616.27	3/8	7,461.41	3/8	7,306.56	3/8	7,151.71	3/8	6,996.85	3/8	6,842.00
1/2	8,232.45	1/2	8,077.60	1/2	7,922.74	1/2	7,767.89	1/2	7,613.04	1/2	7,458.19	1/2	7,303.33	1/2	7,148.48	1/2	6,993.63	1/2	6,838.78
5/8	8,229.22	5/8	8,074.37	5/8	7,919.52	5/8	7,764.67	5/8	7,609.81	5/8	7,454.96	5/8	7,300.11	5/8	7,145.25	5/8	6,990.40	5/8	6,835.55
3/4	8,226.00	3/4	8,071.15	3/4	7,916.29	3/4	7,761.44	3/4	7,606.59	3/4	7,451.73	3/4	7,296.88	3/4	7,142.03	3/4	6,987.18	3/4	6,832.32
7/8	8,222.77	7/8	8,067.92	7/8	7,913.07	7/8	7,758.21	7/8	7,603.36	7/8	7,448.51	7/8	7,293.66	7/8	7,138.80	7/8	6,983.95	7/8	6,829.10
3	8,219.55	9	8,064.69	3	7,909.84	9	7,754.99	3	7,600.13	9	7,445.28	3	7,290.43	9	7,135.58	3	6,980.72	9	6,825.87
1/8	8,216.32	1/8	8,061.47	1/8	7,906.61	1/8	7,751.76	1/8	7,596.91	1/8	7,442.06	1/8	7,287.20	1/8	7,132.35	1/8	6,977.50	1/8	6,822.64
1/4	8,213.09	1/4	8,058.24	1/4	7,903.39	1/4	7,748.54	1/4	7,593.68	1/4	7,438.83	1/4	7,283.98	1/4	7,129.12	1/4	6,974.27	1/4	6,819.42
3/8	8,209.87	3/8	8,055.01	3/8	7,900.16	3/8	7,745.31	3/8	7,590.46	3/8	7,435.60	3/8	7,280.75	3/8	7,125.90	3/8	6,971.05	3/8	6,816.19
1/2	8,206.64	1/2	8,051.79	1/2	7,896.94	1/2	7,742.08	1/2	7,587.23	1/2	7,432.38	1/2	7,277.52	1/2	7,122.67	1/2	6,967.82	1/2	6,812.97
5/8	8,203.42	5/8	8,048.56	5/8	7,893.71	5/8	7,738.86	5/8	7,584.00	5/8	7,429.15	5/8	7,274.30	5/8	7,119.45	5/8	6,964.59	5/8	6,809.74
3/4	8,200.19	3/4	8,045.34	3/4	7,890.48	3/4	7,735.63	3/4	7,580.78	3/4	7,425.93	3/4	7,271.07	3/4	7,116.22	3/4	6,961.37	3/4	6,806.51
7/8	8,196.96	7/8	8,042.11	7/8	7,887.26	7/8	7,732.40	7/8	7,577.55	7/8	7,422.70	7/8	7,267.85	7/8	7,112.99	7/8	6,958.14	7/8	6,803.29
4	8,193.74	10	8,038.88	4	7,884.03	10	7,729.18	4	7,574.33	10	7,419.47	4	7,264.62	10	7,109.77	4	6,954.91	10	6,800.06
1/8	8,190.51	1/8	8,035.66	1/8	7,880.81	1/8	7,725.95	1/8	7,571.10	1/8	7,416.25	1/8	7,261.39	1/8	7,106.54	1/8	6,951.69	1/8	6,796.84
1/4	8,187.29	1/4	8,032.43	1/4	7,877.58	1/4	7,722.73	1/4	7,567.87	1/4	7,413.02	1/4	7,258.17	1/4	7,103.32	1/4	6,948.46	1/4	6,793.61
3/8	8,184.06	3/8	8,029.21	3/8	7,874.35	3/8	7,719.50	3/8	7,564.65	3/8	7,409.79	3/8	7,254.94	3/8	7,100.09	3/8	6,945.24	3/8	6,790.38
1/2	8,180.83	1/2	8,025.98	1/2	7,871.13	1/2	7,716.27	1/2	7,561.42	1/2	7,406.57	1/2	7,251.72	1/2	7,096.86	1/2	6,942.01	1/2	6,787.16
5/8	8,177.61	5/8	8,022.75	5/8	7,867.90	5/8	7,713.05	5/8	7,558.20	5/8	7,403.34	5/8	7,248.49	5/8	7,093.64	5/8	6,938.78	5/8	6,783.93
3/4	8,174.38	3/4	8,019.53	3/4	7,864.68	3/4	7,709.82	3/4	7,554.97	3/4	7,400.12	3/4	7,245.26	3/4	7,090.41	3/4	6,935.56	3/4	6,780.71
7/8	8,171.15	7/8	8,016.30	7/8	7,861.45	7/8	7,706.60	7/8	7,551.74	7/8	7,396.89	7/8	7,242.04	7/8	7,087.18	7/8	6,932.33	7/8	6,777.48
5	8,167.93	11	8,013.08	5	7,858.22	11	7,703.37	5	7,548.52	11	7,393.66	5	7,238.81	11	7,083.96	5	6,929.11	11	6,774.25
1/8	8,164.70	1/8	8,009.85	1/8	7,855.00	1/8	7,700.14	1/8	7,545.29	1/8	7,390.44	1/8	7,235.59	1/8	7,080.73	1/8	6,925.88	1/8	6,771.03
1/4	8,161.48	1/4	8,006.62	1/4	7,851.77	1/4	7,696.92	1/4	7,542.07	1/4	7,387.21	1/4	7,232.36	1/4	7,077.51	1/4	6,922.65	1/4	6,767.80
3/8	8,158.25	3/8	8,003.40	3/8	7,848.54	3/8	7,693.69	3/8	7,538.84	3/8	7,383.99	3/8	7,229.13	3/8	7,074.28	3/8	6,919.43	3/8	6,764.57
1/2	8,155.02	1/2	8,000.17	1/2	7,845.32	1/2	7,690.47	1/2	7,535.61	1/2	7,380.76	1/2	7,225.91	1/2	7,071.05	1/2	6,916.20	1/2	6,761.35
5/8	8,151.80	5/8	7,996.95	5/8	7,842.09	5/8	7,687.24	5/8	7,532.39	5/8	7,377.53	5/8	7,222.68	5/8	7,067.83	5/8	6,912.98	5/8	6,758.12
3/4	8,148.57	3/4	7,993.72	3/4	7,838.87	3/4	7,684.01	3/4	7,529.16	3/4	7,374.31	3/4	7,219.46	3/4	7,064.60	3/4	6,909.75	3/4	6,754.90
7/8	8,145.35	7/8	7,990.49	7/8	7,835.64	7/8	7,680.79	7/8	7,525.93	7/8	7,371.08	7/8	7,216.23	7/8	7,061.38	7/8	6,906.52	7/8	6,751.67

GAUGE LOCATED 26'-8 1/2" FORWARD OF AFT BULKHEAD, AND 15'-3" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

1 STAR
ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	6,748.44	6	6,593.59	0	6,438.74	6	6,283.89	0	6,129.03	6	5,974.18	0	5,819.33	6	5,664.47	0	5,509.62	6	5,354.77
1/8	6,745.22	1/8	6,590.37	1/8	6,435.51	1/8	6,280.66	1/8	6,125.81	1/8	5,970.95	1/8	5,816.10	1/8	5,661.25	1/8	5,506.40	1/8	5,351.54
1/4	6,741.99	1/4	6,587.14	1/4	6,432.29	1/4	6,277.43	1/4	6,122.58	1/4	5,967.73	1/4	5,812.88	1/4	5,658.02	1/4	5,503.17	1/4	5,348.32
3/8	6,738.77	3/8	6,583.91	3/8	6,429.06	3/8	6,274.21	3/8	6,119.35	3/8	5,964.50	3/8	5,809.65	3/8	5,654.80	3/8	5,499.94	3/8	5,345.09
1/2	6,735.54	1/2	6,580.69	1/2	6,425.83	1/2	6,270.98	1/2	6,116.13	1/2	5,961.28	1/2	5,806.42	1/2	5,651.57	1/2	5,496.72	1/2	5,341.86
5/8	6,732.31	5/8	6,577.46	5/8	6,422.61	5/8	6,267.76	5/8	6,112.90	5/8	5,958.05	5/8	5,803.20	5/8	5,648.34	5/8	5,493.49	5/8	5,338.64
3/4	6,729.09	3/4	6,574.24	3/4	6,419.38	3/4	6,264.53	3/4	6,109.68	3/4	5,954.82	3/4	5,799.97	3/4	5,645.12	3/4	5,490.27	3/4	5,335.41
7/8	6,725.86	7/8	6,571.01	7/8	6,416.16	7/8	6,261.30	7/8	6,106.45	7/8	5,951.60	7/8	5,796.74	7/8	5,641.89	7/8	5,487.04	7/8	5,332.19
1	6,722.64	7	6,567.78	1	6,412.93	7	6,258.08	1	6,103.22	7	5,948.37	1	5,793.52	7	5,638.67	1	5,483.81	7	5,328.96
1/8	6,719.41	1/8	6,564.56	1/8	6,409.70	1/8	6,254.85	1/8	6,100.00	1/8	5,945.15	1/8	5,790.29	1/8	5,635.44	1/8	5,480.59	1/8	5,325.73
1/4	6,716.18	1/4	6,561.33	1/4	6,406.48	1/4	6,251.63	1/4	6,096.77	1/4	5,941.92	1/4	5,787.07	1/4	5,632.21	1/4	5,477.36	1/4	5,322.51
3/8	6,712.96	3/8	6,558.10	3/8	6,403.25	3/8	6,248.40	3/8	6,093.55	3/8	5,938.69	3/8	5,783.84	3/8	5,628.99	3/8	5,474.13	3/8	5,319.28
1/2	6,709.73	1/2	6,554.88	1/2	6,400.03	1/2	6,245.17	1/2	6,090.32	1/2	5,935.47	1/2	5,780.61	1/2	5,625.76	1/2	5,470.91	1/2	5,316.06
5/8	6,706.51	5/8	6,551.65	5/8	6,396.80	5/8	6,241.95	5/8	6,087.09	5/8	5,932.24	5/8	5,777.39	5/8	5,622.54	5/8	5,467.68	5/8	5,312.83
3/4	6,703.28	3/4	6,548.43	3/4	6,393.57	3/4	6,238.72	3/4	6,083.87	3/4	5,929.02	3/4	5,774.16	3/4	5,619.31	3/4	5,464.46	3/4	5,309.60
7/8	6,700.05	7/8	6,545.20	7/8	6,390.35	7/8	6,235.49	7/8	6,080.64	7/8	5,925.79	7/8	5,770.94	7/8	5,616.08	7/8	5,461.23	7/8	5,306.38
2	6,696.83	8	6,541.97	2	6,387.12	8	6,232.27	2	6,077.42	8	5,922.56	2	5,767.71	8	5,612.86	2	5,458.00	8	5,303.15
1/8	6,693.60	1/8	6,538.75	1/8	6,383.90	1/8	6,229.04	1/8	6,074.19	1/8	5,919.34	1/8	5,764.48	1/8	5,609.63	1/8	5,454.78	1/8	5,299.93
1/4	6,690.37	1/4	6,535.52	1/4	6,380.67	1/4	6,225.82	1/4	6,070.96	1/4	5,916.11	1/4	5,761.26	1/4	5,606.41	1/4	5,451.55	1/4	5,296.70
3/8	6,687.15	3/8	6,532.30	3/8	6,377.44	3/8	6,222.59	3/8	6,067.74	3/8	5,912.88	3/8	5,758.03	3/8	5,603.18	3/8	5,448.33	3/8	5,293.47
1/2	6,683.92	1/2	6,529.07	1/2	6,374.22	1/2	6,219.36	1/2	6,064.51	1/2	5,909.66	1/2	5,754.81	1/2	5,599.95	1/2	5,445.10	1/2	5,290.25
5/8	6,680.70	5/8	6,525.84	5/8	6,370.99	5/8	6,216.14	5/8	6,061.29	5/8	5,906.43	5/8	5,751.58	5/8	5,596.73	5/8	5,441.87	5/8	5,287.02
3/4	6,677.47	3/4	6,522.62	3/4	6,367.76	3/4	6,212.91	3/4	6,058.06	3/4	5,903.21	3/4	5,748.35	3/4	5,593.50	3/4	5,438.65	3/4	5,283.80
7/8	6,674.24	7/8	6,519.39	7/8	6,364.54	7/8	6,209.69	7/8	6,054.83	7/8	5,899.98	7/8	5,745.13	7/8	5,590.27	7/8	5,435.42	7/8	5,280.57
3	6,671.02	9	6,516.17	3	6,361.31	9	6,206.46	3	6,051.61	9	5,896.75	3	5,741.90	9	5,587.05	3	5,432.20	9	5,277.34
1/8	6,667.79	1/8	6,512.94	1/8	6,358.09	1/8	6,203.23	1/8	6,048.38	1/8	5,893.53	1/8	5,738.68	1/8	5,583.82	1/8	5,428.97	1/8	5,274.12
1/4	6,664.57	1/4	6,509.71	1/4	6,354.86	1/4	6,200.01	1/4	6,045.15	1/4	5,890.30	1/4	5,735.45	1/4	5,580.60	1/4	5,425.74	1/4	5,270.89
3/8	6,661.34	3/8	6,506.49	3/8	6,351.63	3/8	6,196.78	3/8	6,041.93	3/8	5,887.08	3/8	5,732.22	3/8	5,577.37	3/8	5,422.52	3/8	5,267.66
1/2	6,658.11	1/2	6,503.26	1/2	6,348.41	1/2	6,193.56	1/2	6,038.70	1/2	5,883.85	1/2	5,729.00	1/2	5,574.14	1/2	5,419.29	1/2	5,264.44
5/8	6,654.89	5/8	6,500.03	5/8	6,345.18	5/8	6,190.33	5/8	6,035.48	5/8	5,880.62	5/8	5,725.77	5/8	5,570.92	5/8	5,416.07	5/8	5,261.21
3/4	6,651.66	3/4	6,496.81	3/4	6,341.96	3/4	6,187.10	3/4	6,032.25	3/4	5,877.40	3/4	5,722.54	3/4	5,567.69	3/4	5,412.84	3/4	5,257.99
7/8	6,648.44	7/8	6,493.58	7/8	6,338.73	7/8	6,183.88	7/8	6,029.02	7/8	5,874.17	7/8	5,719.32	7/8	5,564.47	7/8	5,409.61	7/8	5,254.76
4	6,645.21	10	6,490.36	4	6,335.50	10	6,180.65	4	6,025.80	10	5,870.95	4	5,716.09	10	5,561.24	4	5,406.39	10	5,251.53
1/8	6,641.98	1/8	6,487.13	1/8	6,332.28	1/8	6,177.42	1/8	6,022.57	1/8	5,867.72	1/8	5,712.87	1/8	5,558.01	1/8	5,403.16	1/8	5,248.31
1/4	6,638.76	1/4	6,483.90	1/4	6,329.05	1/4	6,174.20	1/4	6,019.35	1/4	5,864.49	1/4	5,709.64	1/4	5,554.79	1/4	5,399.93	1/4	5,245.08
3/8	6,635.53	3/8	6,480.68	3/8	6,325.83	3/8	6,170.97	3/8	6,016.12	3/8	5,861.27	3/8	5,706.41	3/8	5,551.56	3/8	5,396.71	3/8	5,241.86
1/2	6,632.30	1/2	6,477.45	1/2	6,322.60	1/2	6,167.75	1/2	6,012.89	1/2	5,858.04	1/2	5,703.19	1/2	5,548.34	1/2	5,393.48	1/2	5,238.63
5/8	6,629.08	5/8	6,474.23	5/8	6,319.37	5/8	6,164.52	5/8	6,009.67	5/8	5,854.81	5/8	5,699.96	5/8	5,545.11	5/8	5,390.26	5/8	5,235.40
3/4	6,625.85	3/4	6,471.00	3/4	6,316.15	3/4	6,161.29	3/4	6,006.44	3/4	5,851.59	3/4	5,696.74	3/4	5,541.88	3/4	5,387.03	3/4	5,232.18
7/8	6,622.63	7/8	6,467.77	7/8	6,312.92	7/8	6,158.07	7/8	6,003.22	7/8	5,848.36	7/8	5,693.51	7/8	5,538.66	7/8	5,383.80	7/8	5,228.95
5	6,619.40	11	6,464.55	5	6,309.69	11	6,154.84	5	5,999.99	11	5,845.14	5	5,690.28	11	5,535.43	5	5,380.58	11	5,225.73
1/8	6,616.17	1/8	6,461.32	1/8	6,306.47	1/8	6,151.62	1/8	5,996.76	1/8	5,841.91	1/8	5,687.06	1/8	5,532.20	1/8	5,377.35	1/8	5,222.50
1/4	6,612.95	1/4	6,458.10	1/4	6,303.24	1/4	6,148.39	1/4	5,993.54	1/4	5,838.68	1/4	5,683.83	1/4	5,528.98	1/4	5,374.13	1/4	5,219.27
3/8	6,609.72	3/8	6,454.87	3/8	6,300.02	3/8	6,145.16	3/8	5,990.31	3/8	5,835.46	3/8	5,680.61	3/8	5,525.75	3/8	5,370.90	3/8	5,216.05
1/2	6,606.50	1/2	6,451.64	1/2	6,296.79	1/2	6,141.94	1/2	5,987.08	1/2	5,832.23	1/2	5,677.38	1/2	5,522.53	1/2	5,367.67	1/2	5,212.82
5/8	6,603.27	5/8	6,448.42	5/8	6,293.56	5/8	6,138.71	5/8	5,983.86	5/8	5,829.01	5/8	5,674.15	5/8	5,519.30	5/8	5,364.45	5/8	5,209.59
3/4	6,600.04	3/4	6,445.19	3/4	6,290.34	3/4	6,135.49	3/4	5,980.63	3/4	5,825.78	3/4	5,670.93	3/4	5,516.07	3/4	5,361.22	3/4	5,206.37
7/8	6,596.82	7/8	6,441.96	7/8	6,287.11	7/8	6,132.26	7/8	5,977.41	7/8	5,822.55	7/8	5,667.70	7/8	5,512.85	7/8	5,358.00	7/8	5,203.14

GAUGE LOCATED 26'-8 1/2" FORWARD OF AFT BULKHEAD, AND 15'-3" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
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SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

1 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	5,199.92	6	5,045.06	0	4,890.21	6	4,735.36	0	4,580.51	6	4,425.65	0	4,270.80	6	4,115.95	0	3,961.09	6	3,806.98
1/8	5,196.69	1/8	5,041.84	1/8	4,886.98	1/8	4,732.13	1/8	4,577.28	1/8	4,422.43	1/8	4,267.57	1/8	4,112.72	1/8	3,957.87	1/8	3,803.84
1/4	5,193.46	1/4	5,038.61	1/4	4,883.76	1/4	4,728.91	1/4	4,574.05	1/4	4,419.20	1/4	4,264.35	1/4	4,109.49	1/4	3,954.64	1/4	3,800.69
3/8	5,190.24	3/8	5,035.39	3/8	4,880.53	3/8	4,725.68	3/8	4,570.83	3/8	4,415.97	3/8	4,261.12	3/8	4,106.27	3/8	3,951.42	3/8	3,797.55
1/2	5,187.01	1/2	5,032.16	1/2	4,877.31	1/2	4,722.45	1/2	4,567.60	1/2	4,412.75	1/2	4,257.90	1/2	4,103.04	1/2	3,948.19	1/2	3,794.40
5/8	5,183.79	5/8	5,028.93	5/8	4,874.08	5/8	4,719.23	5/8	4,564.37	5/8	4,409.52	5/8	4,254.67	5/8	4,099.82	5/8	3,944.96	5/8	3,791.25
3/4	5,180.56	3/4	5,025.71	3/4	4,870.85	3/4	4,716.00	3/4	4,561.15	3/4	4,406.30	3/4	4,251.44	3/4	4,096.59	3/4	3,941.74	3/4	3,788.11
7/8	5,177.33	7/8	5,022.48	7/8	4,867.63	7/8	4,712.78	7/8	4,557.92	7/8	4,403.07	7/8	4,248.22	7/8	4,093.36	7/8	3,938.51	7/8	3,784.96
1	5,174.11	7	5,019.25	1	4,864.40	7	4,709.55	1	4,554.70	7	4,399.84	1	4,244.99	7	4,090.14	1	3,935.29	7	3,781.82
1/8	5,170.88	1/8	5,016.03	1/8	4,861.18	1/8	4,706.32	1/8	4,551.47	1/8	4,396.62	1/8	4,241.76	1/8	4,086.91	1/8	3,932.06	1/8	3,778.67
1/4	5,167.66	1/4	5,012.80	1/4	4,857.95	1/4	4,703.10	1/4	4,548.24	1/4	4,393.39	1/4	4,238.54	1/4	4,083.69	1/4	3,928.83	1/4	3,775.52
3/8	5,164.43	3/8	5,009.58	3/8	4,854.72	3/8	4,699.87	3/8	4,545.02	3/8	4,390.17	3/8	4,235.31	3/8	4,080.46	3/8	3,925.61	3/8	3,772.38
1/2	5,161.20	1/2	5,006.35	1/2	4,851.50	1/2	4,696.64	1/2	4,541.79	1/2	4,386.94	1/2	4,232.09	1/2	4,077.23	1/2	3,922.38	1/2	3,769.23
5/8	5,157.98	5/8	5,003.12	5/8	4,848.27	5/8	4,693.42	5/8	4,538.57	5/8	4,383.71	5/8	4,228.86	5/8	4,074.01	5/8	3,919.15	5/8	3,766.09
3/4	5,154.75	3/4	4,999.90	3/4	4,845.05	3/4	4,690.19	3/4	4,535.34	3/4	4,380.49	3/4	4,225.63	3/4	4,070.78	3/4	3,915.93	3/4	3,762.94
7/8	5,151.52	7/8	4,996.67	7/8	4,841.82	7/8	4,686.97	7/8	4,532.11	7/8	4,377.26	7/8	4,222.41	7/8	4,067.56	7/8	3,912.70	7/8	3,759.80
2	5,148.30	8	4,993.45	2	4,838.59	8	4,683.74	2	4,528.89	8	4,374.03	2	4,219.18	8	4,064.33	2	3,909.48	8	3,756.65
1/8	5,145.07	1/8	4,990.22	1/8	4,835.37	1/8	4,680.51	1/8	4,525.66	1/8	4,370.81	1/8	4,215.96	1/8	4,061.10	1/8	3,906.25	1/8	3,753.50
1/4	5,141.85	1/4	4,986.99	1/4	4,832.14	1/4	4,677.29	1/4	4,522.44	1/4	4,367.58	1/4	4,212.73	1/4	4,057.88	1/4	3,903.02	1/4	3,750.36
3/8	5,138.62	3/8	4,983.77	3/8	4,828.91	3/8	4,674.06	3/8	4,519.21	3/8	4,364.36	3/8	4,209.50	3/8	4,054.65	3/8	3,899.80	3/8	3,747.21
1/2	5,135.39	1/2	4,980.54	1/2	4,825.69	1/2	4,670.84	1/2	4,515.98	1/2	4,361.13	1/2	4,206.28	1/2	4,051.42	1/2	3,896.57	1/2	3,744.07
5/8	5,132.17	5/8	4,977.32	5/8	4,822.46	5/8	4,667.61	5/8	4,512.76	5/8	4,357.90	5/8	4,203.05	5/8	4,048.20	5/8	3,893.35	5/8	3,740.92
3/4	5,128.94	3/4	4,974.09	3/4	4,819.24	3/4	4,664.38	3/4	4,509.53	3/4	4,354.68	3/4	4,199.83	3/4	4,044.97	3/4	3,890.12	3/4	3,737.78
7/8	5,125.72	7/8	4,970.86	7/8	4,816.01	7/8	4,661.16	7/8	4,506.30	7/8	4,351.45	7/8	4,196.60	7/8	4,041.75	7/8	3,886.89	7/8	3,734.63
3	5,122.49	9	4,967.64	3	4,812.78	9	4,657.93	3	4,503.08	9	4,348.23	3	4,193.37	9	4,038.52	3	3,883.67	9	3,731.48
1/8	5,119.26	1/8	4,964.41	1/8	4,809.56	1/8	4,654.71	1/8	4,499.85	1/8	4,345.00	1/8	4,190.15	1/8	4,035.29	1/8	3,880.44	1/8	3,728.34
1/4	5,116.04	1/4	4,961.19	1/4	4,806.33	1/4	4,651.48	1/4	4,496.63	1/4	4,341.77	1/4	4,186.92	1/4	4,032.07	1/4	3,877.22	1/4	3,725.19
3/8	5,112.81	3/8	4,957.96	3/8	4,803.11	3/8	4,648.25	3/8	4,493.40	3/8	4,338.55	3/8	4,183.69	3/8	4,028.84	3/8	3,873.99	3/8	3,722.05
1/2	5,109.59	1/2	4,954.73	1/2	4,799.88	1/2	4,645.03	1/2	4,490.17	1/2	4,335.32	1/2	4,180.47	1/2	4,025.62	1/2	3,870.76	1/2	3,718.90
5/8	5,106.36	5/8	4,951.51	5/8	4,796.65	5/8	4,641.80	5/8	4,486.95	5/8	4,332.10	5/8	4,177.24	5/8	4,022.39	5/8	3,867.54	5/8	3,715.75
3/4	5,103.13	3/4	4,948.28	3/4	4,793.43	3/4	4,638.58	3/4	4,483.72	3/4	4,328.87	3/4	4,174.02	3/4	4,019.16	3/4	3,864.31	3/4	3,712.61
7/8	5,099.91	7/8	4,945.05	7/8	4,790.20	7/8	4,635.35	7/8	4,480.50	7/8	4,325.64	7/8	4,170.79	7/8	4,015.94	7/8	3,861.08	7/8	3,709.46
4	5,096.68	10	4,941.83	4	4,786.98	10	4,632.12	4	4,477.27	10	4,322.42	4	4,167.56	10	4,012.71	4	3,857.86	10	3,706.32
1/8	5,093.46	1/8	4,938.60	1/8	4,783.75	1/8	4,628.90	1/8	4,474.04	1/8	4,319.19	1/8	4,164.34	1/8	4,009.49	1/8	3,854.63	1/8	3,703.17
1/4	5,090.23	1/4	4,935.38	1/4	4,780.52	1/4	4,625.67	1/4	4,470.82	1/4	4,315.97	1/4	4,161.11	1/4	4,006.26	1/4	3,851.41	1/4	3,700.03
3/8	5,087.00	3/8	4,932.15	3/8	4,777.30	3/8	4,622.44	3/8	4,467.59	3/8	4,312.74	3/8	4,157.89	3/8	4,003.03	3/8	3,848.18	3/8	3,696.88
1/2	5,083.78	1/2	4,928.92	1/2	4,774.07	1/2	4,619.22	1/2	4,464.37	1/2	4,309.51	1/2	4,154.66	1/2	3,999.81	1/2	3,844.95	1/2	3,693.73
5/8	5,080.55	5/8	4,925.70	5/8	4,770.85	5/8	4,615.99	5/8	4,461.14	5/8	4,306.29	5/8	4,151.43	5/8	3,996.58	5/8	3,841.73	5/8	3,690.59
3/4	5,077.32	3/4	4,922.47	3/4	4,767.62	3/4	4,612.77	3/4	4,457.91	3/4	4,303.06	3/4	4,148.21	3/4	3,993.36	3/4	3,838.50	3/4	3,687.44
7/8	5,074.10	7/8	4,919.25	7/8	4,764.39	7/8	4,609.54	7/8	4,454.69	7/8	4,299.83	7/8	4,144.98	7/8	3,990.13	7/8	3,835.35	7/8	3,684.30
5	5,070.87	11	4,916.02	5	4,761.17	11	4,606.31	5	4,451.46	11	4,296.61	5	4,141.76	11	3,986.90	5	3,832.20	11	3,681.15
1/8	5,067.65	1/8	4,912.79	1/8	4,757.94	1/8	4,603.09	1/8	4,448.24	1/8	4,293.38	1/8	4,138.53	1/8	3,983.68	1/8	3,829.04	1/8	3,678.00
1/4	5,064.42	1/4	4,909.57	1/4	4,754.71	1/4	4,599.86	1/4	4,445.01	1/4	4,290.16	1/4	4,135.30	1/4	3,980.45	1/4	3,825.89	1/4	3,674.86
3/8	5,061.19	3/8	4,906.34	3/8	4,751.49	3/8	4,596.64	3/8	4,441.78	3/8	4,286.93	3/8	4,132.08	3/8	3,977.22	3/8	3,822.73	3/8	3,671.71
1/2	5,057.97	1/2	4,903.12	1/2	4,748.26	1/2	4,593.41	1/2	4,438.56	1/2	4,283.70	1/2	4,128.85	1/2	3,974.00	1/2	3,819.58	1/2	3,668.57
5/8	5,054.74	5/8	4,899.89	5/8	4,745.04	5/8	4,590.18	5/8	4,435.33	5/8	4,280.48	5/8	4,125.63	5/8	3,970.77	5/8	3,816.43	5/8	3,665.42
3/4	5,051.52	3/4	4,896.66	3/4	4,741.81	3/4	4,586.96	3/4	4,432.10	3/4	4,277.25	3/4	4,122.40	3/4	3,967.55	3/4	3,813.27	3/4	3,662.28
7/8	5,048.29	7/8	4,893.44	7/8	4,738.58	7/8	4,583.73	7/8	4,428.88	7/8	4,274.03	7/8	4,119.17	7/8	3,964.32	7/8	3,810.13	7/8	3,659.13

GAUGE LOCATED 26'-8 1/2" FORWARD OF AFT BULKHEAD, AND 15'-3" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

1 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	3,655.98	6	3,504.31	0	3,349.83	6	3,195.36	0	3,040.88	6	2,886.40	0	2,731.92	6	2,577.44	0	2,423.08	6	2,268.88
1/8	3,652.84	1/8	3,501.09	1/8	3,346.62	1/8	3,192.14	1/8	3,037.66	1/8	2,883.18	1/8	2,728.70	1/8	2,574.22	1/8	2,419.87	1/8	2,265.67
1/4	3,649.69	1/4	3,497.88	1/4	3,343.40	1/4	3,188.92	1/4	3,034.44	1/4	2,879.96	1/4	2,725.48	1/4	2,571.01	1/4	2,416.65	1/4	2,262.46
3/8	3,646.55	3/8	3,494.66	3/8	3,340.18	3/8	3,185.70	3/8	3,031.22	3/8	2,876.74	3/8	2,722.26	3/8	2,567.79	3/8	2,413.44	3/8	2,259.25
1/2	3,643.40	1/2	3,491.44	1/2	3,336.96	1/2	3,182.48	1/2	3,028.00	1/2	2,873.52	1/2	2,719.04	1/2	2,564.57	1/2	2,410.22	1/2	2,256.04
5/8	3,640.26	5/8	3,488.22	5/8	3,333.74	5/8	3,179.26	5/8	3,024.79	5/8	2,870.30	5/8	2,715.83	5/8	2,561.35	5/8	2,407.01	5/8	2,252.83
3/4	3,637.11	3/4	3,485.00	3/4	3,330.52	3/4	3,176.05	3/4	3,021.57	3/4	2,867.09	3/4	2,712.61	3/4	2,558.14	3/4	2,403.80	3/4	2,249.62
7/8	3,633.96	7/8	3,481.78	7/8	3,327.31	7/8	3,172.83	7/8	3,018.35	7/8	2,863.87	7/8	2,709.39	7/8	2,554.92	7/8	2,400.58	7/8	2,246.41
1	3,630.82	7	3,478.57	1	3,324.09	7	3,169.61	1	3,015.13	7	2,860.65	1	2,706.17	7	2,551.70	1	2,397.37	7	2,243.20
1/8	3,627.67	1/8	3,475.35	1/8	3,320.87	1/8	3,166.39	1/8	3,011.91	1/8	2,857.43	1/8	2,702.95	1/8	2,548.49	1/8	2,394.15	1/8	2,239.99
1/4	3,624.53	1/4	3,472.13	1/4	3,317.65	1/4	3,163.17	1/4	3,008.69	1/4	2,854.21	1/4	2,699.73	1/4	2,545.27	1/4	2,390.94	1/4	2,236.78
3/8	3,621.38	3/8	3,468.91	3/8	3,314.43	3/8	3,159.95	3/8	3,005.48	3/8	2,850.99	3/8	2,696.52	3/8	2,542.05	3/8	2,387.73	3/8	2,233.57
1/2	3,618.23	1/2	3,465.69	1/2	3,311.21	1/2	3,156.74	1/2	3,002.26	1/2	2,847.78	1/2	2,693.30	1/2	2,538.84	1/2	2,384.51	1/2	2,230.36
5/8	3,615.09	5/8	3,462.47	5/8	3,308.00	5/8	3,153.52	5/8	2,999.04	5/8	2,844.56	5/8	2,690.08	5/8	2,535.62	5/8	2,381.30	5/8	2,227.15
3/4	3,611.94	3/4	3,459.26	3/4	3,304.78	3/4	3,150.30	3/4	2,995.82	3/4	2,841.34	3/4	2,686.86	3/4	2,532.40	3/4	2,378.09	3/4	2,223.94
7/8	3,608.80	7/8	3,456.04	7/8	3,301.56	7/8	3,147.08	7/8	2,992.60	7/8	2,838.12	7/8	2,683.64	7/8	2,529.19	7/8	2,374.87	7/8	2,220.73
2	3,605.65	8	3,452.82	2	3,298.34	8	3,143.86	2	2,989.38	8	2,834.90	2	2,680.42	8	2,525.97	2	2,371.66	8	2,217.52
1/8	3,602.51	1/8	3,449.60	1/8	3,295.12	1/8	3,140.64	1/8	2,986.17	1/8	2,831.68	1/8	2,677.20	1/8	2,522.75	1/8	2,368.45	1/8	2,214.31
1/4	3,599.36	1/4	3,446.38	1/4	3,291.90	1/4	3,137.43	1/4	2,982.95	1/4	2,828.47	1/4	2,673.99	1/4	2,519.54	1/4	2,365.24	1/4	2,211.10
3/8	3,596.21	3/8	3,443.16	3/8	3,288.69	3/8	3,134.21	3/8	2,979.73	3/8	2,825.25	3/8	2,670.77	3/8	2,516.32	3/8	2,362.02	3/8	2,207.89
1/2	3,593.07	1/2	3,439.95	1/2	3,285.47	1/2	3,130.99	1/2	2,976.51	1/2	2,822.03	1/2	2,667.55	1/2	2,513.10	1/2	2,358.81	1/2	2,204.68
5/8	3,589.92	5/8	3,436.73	5/8	3,282.25	5/8	3,127.77	5/8	2,973.29	5/8	2,818.81	5/8	2,664.33	5/8	2,509.89	5/8	2,355.60	5/8	2,201.47
3/4	3,586.78	3/4	3,433.51	3/4	3,279.03	3/4	3,124.55	3/4	2,970.07	3/4	2,815.59	3/4	2,661.11	3/4	2,506.67	3/4	2,352.38	3/4	2,198.26
7/8	3,583.63	7/8	3,430.29	7/8	3,275.81	7/8	3,121.33	7/8	2,966.86	7/8	2,812.38	7/8	2,657.90	7/8	2,503.46	7/8	2,349.17	7/8	2,195.05
3	3,580.49	9	3,427.07	3	3,272.59	9	3,118.12	3	2,963.64	9	2,809.16	3	2,654.68	9	2,500.24	3	2,345.96	9	2,191.84
1/8	3,577.34	1/8	3,423.85	1/8	3,269.38	1/8	3,114.90	1/8	2,960.42	1/8	2,805.94	1/8	2,651.46	1/8	2,497.02	1/8	2,342.75	1/8	2,188.63
1/4	3,574.19	1/4	3,420.64	1/4	3,266.16	1/4	3,111.68	1/4	2,957.20	1/4	2,802.72	1/4	2,648.24	1/4	2,493.81	1/4	2,339.53	1/4	2,185.42
3/8	3,571.05	3/8	3,417.42	3/8	3,262.94	3/8	3,108.46	3/8	2,953.98	3/8	2,799.50	3/8	2,645.02	3/8	2,490.59	3/8	2,336.32	3/8	2,182.21
1/2	3,567.90	1/2	3,414.20	1/2	3,259.72	1/2	3,105.24	1/2	2,950.76	1/2	2,796.28	1/2	2,641.80	1/2	2,487.38	1/2	2,333.11	1/2	2,179.00
5/8	3,564.76	5/8	3,410.98	5/8	3,256.50	5/8	3,102.02	5/8	2,947.55	5/8	2,793.07	5/8	2,638.59	5/8	2,484.16	5/8	2,329.90	5/8	2,175.79
3/4	3,561.61	3/4	3,407.76	3/4	3,253.28	3/4	3,098.81	3/4	2,944.33	3/4	2,789.85	3/4	2,635.37	3/4	2,480.95	3/4	2,326.69	3/4	2,172.59
7/8	3,558.46	7/8	3,404.54	7/8	3,250.07	7/8	3,095.59	7/8	2,941.11	7/8	2,786.63	7/8	2,632.15	7/8	2,477.73	7/8	2,323.47	7/8	2,169.38
4	3,555.32	10	3,401.33	4	3,246.85	10	3,092.37	4	2,937.89	10	2,783.41	4	2,628.93	10	2,474.52	4	2,320.26	10	2,166.17
1/8	3,552.17	1/8	3,398.11	1/8	3,243.63	1/8	3,089.15	1/8	2,934.67	1/8	2,780.19	1/8	2,625.71	1/8	2,471.30	1/8	2,317.05	1/8	2,162.96
1/4	3,549.03	1/4	3,394.89	1/4	3,240.41	1/4	3,085.93	1/4	2,931.45	1/4	2,776.97	1/4	2,622.49	1/4	2,468.08	1/4	2,313.84	1/4	2,159.75
3/8	3,545.88	3/8	3,391.67	3/8	3,237.19	3/8	3,082.71	3/8	2,928.24	3/8	2,773.76	3/8	2,619.28	3/8	2,464.87	3/8	2,310.63	3/8	2,156.54
1/2	3,542.74	1/2	3,388.45	1/2	3,233.97	1/2	3,079.50	1/2	2,925.02	1/2	2,770.54	1/2	2,616.06	1/2	2,461.65	1/2	2,307.42	1/2	2,153.33
5/8	3,539.59	5/8	3,385.23	5/8	3,230.76	5/8	3,076.28	5/8	2,921.80	5/8	2,767.32	5/8	2,612.84	5/8	2,458.44	5/8	2,304.20	5/8	2,150.12
3/4	3,536.44	3/4	3,382.02	3/4	3,227.54	3/4	3,073.06	3/4	2,918.58	3/4	2,764.10	3/4	2,609.62	3/4	2,455.22	3/4	2,300.99	3/4	2,146.91
7/8	3,533.23	7/8	3,378.80	7/8	3,224.32	7/8	3,069.84	7/8	2,915.36	7/8	2,760.88	7/8	2,606.40	7/8	2,452.01	7/8	2,297.78	7/8	2,143.70
5	3,530.02	11	3,375.58	5	3,221.10	11	3,066.62	5	2,912.14	11	2,757.66	5	2,603.18	11	2,448.79	5	2,294.57	11	2,140.49
1/8	3,526.81	1/8	3,372.36	1/8	3,217.88	1/8	3,063.40	1/8	2,908.93	1/8	2,754.45	1/8	2,599.97	1/8	2,445.58	1/8	2,291.36	1/8	2,137.28
1/4	3,523.60	1/4	3,369.14	1/4	3,214.67	1/4	3,060.19	1/4	2,905.71	1/4	2,751.23	1/4	2,596.75	1/4	2,442.37	1/4	2,288.15	1/4	2,134.07
3/8	3,520.38	3/8	3,365.93	3/8	3,211.45	3/8	3,056.97	3/8	2,902.49	3/8	2,748.01	3/8	2,593.53	3/8	2,439.15	3/8	2,284.94	3/8	2,130.86
1/2	3,517.17	1/2	3,362.71	1/2	3,208.23	1/2	3,053.75	1/2	2,899.27	1/2	2,744.79	1/2	2,590.31	1/2	2,435.94	1/2	2,281.73	1/2	2,127.65
5/8	3,513.96	5/8	3,359.49	5/8	3,205.01	5/8	3,050.53	5/8	2,896.05	5/8	2,741.57	5/8	2,587.09	5/8	2,432.72	5/8	2,278.51	5/8	2,124.44
3/4	3,510.75	3/4	3,356.27	3/4	3,201.79	3/4	3,047.31	3/4	2,892.83	3/4	2,738.35	3/4	2,583.88	3/4	2,429.51	3/4	2,275.30	3/4	2,121.23
7/8	3,507.53	7/8	3,353.05	7/8	3,198.57	7/8	3,044.10	7/8	2,889.62	7/8	2,735.14	7/8	2,580.66	7/8	2,426.29	7/8	2,272.09	7/8	2,118.02

GAUGE LOCATED 26'-8 1/2" FORWARD OF AFT BULKHEAD, AND 15'-3" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

1 STAR
ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,114.81	6	1,960.77	0	1,806.83	6	1,653.12	0	1,499.74	6	1,346.72	0	1,194.02	6	1,041.56	0	889.72	6	739.37
1/8	2,111.60	1/8	1,957.56	1/8	1,803.63	1/8	1,649.92	1/8	1,496.55	1/8	1,343.53	1/8	1,190.84	1/8	1,038.39	1/8	886.58	1/8	736.25
1/4	2,108.40	1/4	1,954.35	1/4	1,800.42	1/4	1,646.72	1/4	1,493.36	1/4	1,340.35	1/4	1,187.66	1/4	1,035.21	1/4	883.44	1/4	733.14
3/8	2,105.19	3/8	1,951.14	3/8	1,797.22	3/8	1,643.52	3/8	1,490.17	3/8	1,337.16	3/8	1,184.48	3/8	1,032.04	3/8	880.29	3/8	730.02
1/2	2,101.98	1/2	1,947.93	1/2	1,794.01	1/2	1,640.33	1/2	1,486.98	1/2	1,333.98	1/2	1,181.30	1/2	1,028.87	1/2	877.15	1/2	726.91
5/8	2,098.77	5/8	1,944.72	5/8	1,790.81	5/8	1,637.13	5/8	1,483.79	5/8	1,330.80	5/8	1,178.12	5/8	1,025.69	5/8	874.01	5/8	723.79
3/4	2,095.56	3/4	1,941.51	3/4	1,787.60	3/4	1,633.93	3/4	1,480.60	3/4	1,327.61	3/4	1,174.95	3/4	1,022.52	3/4	870.86	3/4	720.68
7/8	2,092.35	7/8	1,938.31	7/8	1,784.40	7/8	1,630.73	7/8	1,477.40	7/8	1,324.43	7/8	1,171.77	7/8	1,019.35	7/8	867.72	7/8	717.57
1	2,089.14	7	1,935.10	1	1,781.20	7	1,627.53	1	1,474.21	7	1,321.25	1	1,168.59	7	1,016.17	1	864.58	7	714.46
1/8	2,085.93	1/8	1,931.89	1/8	1,777.99	1/8	1,624.34	1/8	1,471.02	1/8	1,318.06	1/8	1,165.41	1/8	1,013.00	1/8	861.44	1/8	711.35
1/4	2,082.72	1/4	1,928.68	1/4	1,774.79	1/4	1,621.14	1/4	1,467.83	1/4	1,314.88	1/4	1,162.24	1/4	1,009.83	1/4	858.30	1/4	708.24
3/8	2,079.51	3/8	1,925.47	3/8	1,771.58	3/8	1,617.94	3/8	1,464.64	3/8	1,311.70	3/8	1,159.06	3/8	1,006.66	3/8	855.16	3/8	705.13
1/2	2,076.30	1/2	1,922.27	1/2	1,768.38	1/2	1,614.74	1/2	1,461.45	1/2	1,308.52	1/2	1,155.88	1/2	1,003.49	1/2	852.02	1/2	702.02
5/8	2,073.09	5/8	1,919.06	5/8	1,765.18	5/8	1,611.55	5/8	1,458.26	5/8	1,305.33	5/8	1,152.70	5/8	1,000.31	5/8	848.88	5/8	698.91
3/4	2,069.88	3/4	1,915.85	3/4	1,761.97	3/4	1,608.35	3/4	1,455.07	3/4	1,302.15	3/4	1,149.53	3/4	997.14	3/4	845.74	3/4	695.80
7/8	2,066.67	7/8	1,912.64	7/8	1,758.77	7/8	1,605.15	7/8	1,451.88	7/8	1,298.97	7/8	1,146.35	7/8	993.97	7/8	842.60	7/8	692.70
2	2,063.46	8	1,909.43	2	1,755.57	8	1,601.96	2	1,448.70	8	1,295.79	2	1,143.17	8	990.80	2	839.47	8	689.60
1/8	2,060.25	1/8	1,906.23	1/8	1,752.36	1/8	1,598.76	1/8	1,445.51	1/8	1,292.60	1/8	1,140.00	1/8	987.63	1/8	836.33	1/8	686.49
1/4	2,057.04	1/4	1,903.02	1/4	1,749.16	1/4	1,595.56	1/4	1,442.32	1/4	1,289.42	1/4	1,136.82	1/4	984.46	1/4	833.20	1/4	683.39
3/8	2,053.84	3/8	1,899.81	3/8	1,745.96	3/8	1,592.37	3/8	1,439.13	3/8	1,286.24	3/8	1,133.64	3/8	981.29	3/8	830.06	3/8	680.29
1/2	2,050.63	1/2	1,896.60	1/2	1,742.75	1/2	1,589.17	1/2	1,435.94	1/2	1,283.06	1/2	1,130.47	1/2	978.12	1/2	826.92	1/2	677.19
5/8	2,047.42	5/8	1,893.40	5/8	1,739.55	5/8	1,585.98	5/8	1,432.75	5/8	1,279.88	5/8	1,127.29	5/8	974.95	5/8	823.79	5/8	674.08
3/4	2,044.21	3/4	1,890.19	3/4	1,736.35	3/4	1,582.78	3/4	1,429.56	3/4	1,276.70	3/4	1,124.11	3/4	971.78	3/4	820.65	3/4	670.98
7/8	2,041.00	7/8	1,886.98	7/8	1,733.14	7/8	1,579.58	7/8	1,426.37	7/8	1,273.51	7/8	1,120.94	7/8	968.61	7/8	817.52	7/8	667.88
3	2,037.79	9	1,883.78	3	1,729.94	9	1,576.39	3	1,423.18	9	1,270.33	3	1,117.76	9	965.44	3	814.39	9	664.79
1/8	2,034.58	1/8	1,880.57	1/8	1,726.74	1/8	1,573.19	1/8	1,420.00	1/8	1,267.15	1/8	1,114.58	1/8	962.27	1/8	811.25	1/8	661.69
1/4	2,031.37	1/4	1,877.36	1/4	1,723.54	1/4	1,570.00	1/4	1,416.81	1/4	1,263.97	1/4	1,111.41	1/4	959.10	1/4	808.12	1/4	658.59
3/8	2,028.16	3/8	1,874.16	3/8	1,720.33	3/8	1,566.80	3/8	1,413.62	3/8	1,260.79	3/8	1,108.23	3/8	955.93	3/8	804.99	3/8	655.50
1/2	2,024.95	1/2	1,870.95	1/2	1,717.13	1/2	1,563.61	1/2	1,410.43	1/2	1,257.61	1/2	1,105.06	1/2	952.76	1/2	801.86	1/2	652.40
5/8	2,021.74	5/8	1,867.74	5/8	1,713.93	5/8	1,560.41	5/8	1,407.25	5/8	1,254.43	5/8	1,101.88	5/8	949.59	5/8	798.72	5/8	649.31
3/4	2,018.53	3/4	1,864.54	3/4	1,710.73	3/4	1,557.22	3/4	1,404.06	3/4	1,251.25	3/4	1,098.70	3/4	946.42	3/4	795.59	3/4	646.21
7/8	2,015.32	7/8	1,861.33	7/8	1,707.53	7/8	1,554.02	7/8	1,400.87	7/8	1,248.07	7/8	1,095.53	7/8	943.27	7/8	792.46	7/8	643.12
4	2,012.11	10	1,858.12	4	1,704.32	10	1,550.83	4	1,397.68	10	1,244.89	4	1,092.35	10	940.12	4	789.34	10	640.03
1/8	2,008.91	1/8	1,854.92	1/8	1,701.12	1/8	1,547.64	1/8	1,394.50	1/8	1,241.71	1/8	1,089.18	1/8	936.97	1/8	786.21	1/8	636.93
1/4	2,005.70	1/4	1,851.71	1/4	1,697.92	1/4	1,544.44	1/4	1,391.31	1/4	1,238.53	1/4	1,086.00	1/4	933.81	1/4	783.08	1/4	633.84
3/8	2,002.49	3/8	1,848.50	3/8	1,694.72	3/8	1,541.25	3/8	1,388.12	3/8	1,235.35	3/8	1,082.83	3/8	930.66	3/8	779.96	3/8	630.75
1/2	1,999.28	1/2	1,845.30	1/2	1,691.52	1/2	1,538.06	1/2	1,384.94	1/2	1,232.17	1/2	1,079.65	1/2	927.51	1/2	776.83	1/2	627.66
5/8	1,996.07	5/8	1,842.09	5/8	1,688.32	5/8	1,534.86	5/8	1,381.75	5/8	1,228.99	5/8	1,076.48	5/8	924.36	5/8	773.70	5/8	624.57
3/4	1,992.86	3/4	1,838.89	3/4	1,685.12	3/4	1,531.67	3/4	1,378.57	3/4	1,225.81	3/4	1,073.30	3/4	921.20	3/4	770.57	3/4	621.47
7/8	1,989.65	7/8	1,835.68	7/8	1,681.92	7/8	1,528.48	7/8	1,375.38	7/8	1,222.63	7/8	1,070.13	7/8	918.05	7/8	767.45	7/8	618.39
5	1,986.44	11	1,832.48	5	1,678.72	11	1,525.28	5	1,372.19	11	1,219.45	5	1,066.95	11	914.90	5	764.33	11	615.31
1/8	1,983.23	1/8	1,829.27	1/8	1,675.52	1/8	1,522.09	1/8	1,369.01	1/8	1,216.27	1/8	1,063.78	1/8	911.76	1/8	761.21	1/8	612.23
1/4	1,980.02	1/4	1,826.06	1/4	1,672.32	1/4	1,518.90	1/4	1,365.82	1/4	1,213.09	1/4	1,060.61	1/4	908.61	1/4	758.09	1/4	609.14
3/8	1,976.81	3/8	1,822.86	3/8	1,669.12	3/8	1,515.70	3/8	1,362.64	3/8	1,209.91	3/8	1,057.43	3/8	905.46	3/8	754.97	3/8	606.06
1/2	1,973.60	1/2	1,819.65	1/2	1,665.92	1/2	1,512.51	1/2	1,359.45	1/2	1,206.73	1/2	1,054.26	1/2	902.31	1/2	751.84	1/2	602.98
5/8	1,970.39	5/8	1,816.45	5/8	1,662.72	5/8	1,509.32	5/8	1,356.27	5/8	1,203.55	5/8	1,051.08	5/8	899.16	5/8	748.72	5/8	599.90
3/4	1,967.18	3/4	1,813.24	3/4	1,659.52	3/4	1,506.13	3/4	1,353.08	3/4	1,200.37	3/4	1,047.91	3/4	896.01	3/4	745.60	3/4	596.81
7/8	1,963.98	7/8	1,810.04	7/8	1,656.32	7/8	1,502.93	7/8	1,349.90	7/8	1,197.19	7/8	1,044.73	7/8	892.87	7/8	742.49	7/8	593.73

GAUGE LOCATED 26'-8 1/2" FORWARD OF AFT BULKHEAD, AND 15'-3" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

1 STAR
ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	590.64	6	444.12	0	302.62	6	168.82	0	48.50
1/8	587.55	1/8	441.11	1/8	299.74	1/8	166.16	1/8	46.30
1/4	584.47	1/4	438.11	1/4	296.87	1/4	163.50	1/4	44.11
3/8	581.38	3/8	435.10	3/8	293.99	3/8	160.83	3/8	41.91
1/2	578.29	1/2	432.10	1/2	291.12	1/2	158.17	1/2	39.72
5/8	575.20	5/8	429.10	5/8	288.24	5/8	155.50	5/8	37.52
3/4	572.12	3/4	426.09	3/4	285.37	3/4	152.84	3/4	35.33
7/8	569.04	7/8	423.11	7/8	282.52	7/8	150.22	7/8	33.47
1	565.96	7	420.13	1	279.67	7	147.60	1	31.60
1/8	562.89	1/8	417.14	1/8	276.83	1/8	144.98	1/8	29.74
1/4	559.81	1/4	414.16	1/4	273.98	1/4	142.37	1/4	27.88
3/8	556.73	3/8	411.17	3/8	271.13	3/8	139.75	3/8	26.01
1/2	553.66	1/2	408.19	1/2	268.29	1/2	137.13	1/2	24.15
5/8	550.58	5/8	405.20	5/8	265.44	5/8	134.51	5/8	22.28
3/4	547.51	3/4	402.22	3/4	262.59	3/4	131.89	3/4	20.42
7/8	544.44	7/8	399.25	7/8	259.78	7/8	129.33		
2	541.38	8	396.29	2	256.96	8	126.76		
1/8	538.31	1/8	393.32	1/8	254.14	1/8	124.19		
1/4	535.25	1/4	390.36	1/4	251.32	1/4	121.63		
3/8	532.18	3/8	387.39	3/8	248.50	3/8	119.06		
1/2	529.11	1/2	384.42	1/2	245.68	1/2	116.49		
5/8	526.05	5/8	381.46	5/8	242.86	5/8	113.93		
3/4	522.98	3/4	378.49	3/4	240.05	3/4	111.36		
7/8	519.93	7/8	375.55	7/8	237.26	7/8	108.85		
3	516.88	9	372.60	3	234.47	9	106.35		
1/8	513.83	1/8	369.66	1/8	231.68	1/8	103.84		
1/4	510.78	1/4	366.72	1/4	228.90	1/4	101.33		
3/8	507.73	3/8	363.77	3/8	226.11	3/8	98.83		
1/2	504.68	1/2	360.83	1/2	223.32	1/2	96.32		
5/8	501.63	5/8	357.88	5/8	220.53	5/8	93.81		
3/4	498.58	3/4	354.94	3/4	217.75	3/4	91.31		
7/8	495.54	7/8	352.02	7/8	215.00	7/8	88.86		
4	492.50	10	349.09	4	212.26	10	86.42		
1/8	489.47	1/8	346.17	1/8	209.51	1/8	83.98		
1/4	486.43	1/4	343.25	1/4	206.77	1/4	81.53		
3/8	483.39	3/8	340.32	3/8	204.02	3/8	79.09		
1/2	480.35	1/2	337.40	1/2	201.28	1/2	76.65		
5/8	477.32	5/8	334.48	5/8	198.53	5/8	74.20		
3/4	474.28	3/4	331.55	3/4	195.79	3/4	71.76		
7/8	471.26	7/8	328.65	7/8	193.08	7/8	69.40		
5	468.24	11	325.76	5	190.38	11	67.04		
1/8	465.22	1/8	322.86	1/8	187.68	1/8	64.68		
1/4	462.20	1/4	319.96	1/4	184.97	1/4	62.32		
3/8	459.18	3/8	317.06	3/8	182.27	3/8	59.96		
1/2	456.16	1/2	314.16	1/2	179.56	1/2	57.61		
5/8	453.14	5/8	311.26	5/8	176.86	5/8	55.25		
3/4	450.12	3/4	308.36	3/4	174.15	3/4	52.89		
7/8	447.12	7/8	305.49	7/8	171.49	7/8	50.69		

GAUGE LOCATED 26'-8 1/2" FORWARD OF AFT BULKHEAD, AND 15'-3" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 1/2"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		6		0		6		0		6		0		6		0		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,969.38
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,967.80
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,966.22
1		7		1		7		1		7		1		7		1		7	11,964.64
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,963.06
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,961.47
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,959.89
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,958.31
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,956.43
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,954.55
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,952.66
2		8		2		8		2		8		2		8		2		8	11,950.78
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,948.90
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,947.02
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,945.13
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,943.25
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,941.07
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,938.89
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,936.71
3		9		3		9		3		9		3		9		3		9	11,934.53
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,932.36
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,930.18
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,928.00
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,925.82
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,923.36
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,920.91
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,918.46
4		10		4		10		4		10		4		10		4		10	11,916.00
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,913.55
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,911.10
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,908.64
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,906.19
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,903.47
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,900.75
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,898.02
5		11		5		11		5		11		5		11		5		11	11,895.30
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,892.58
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,889.86
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,887.14
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,884.41
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,881.42
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,878.42
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,875.43

GAUGE LOCATED 24'-6 3/4" FORWARD OF AFT BULKHEAD, AND 16'-7 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501**2 PORT
ULLAGE TABLE****GAUGE HEIGHT 37'-2 1/2"**

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	11,872.43	6	11,698.47	0	11,513.88	6	11,329.29	0	11,144.71	6	10,960.12	0	10,775.53	6	10,590.94	0	10,406.35	6	10,221.76
1/8	11,869.44	1/8	11,694.63	1/8	11,510.04	1/8	11,325.45	1/8	11,140.86	1/8	10,956.27	1/8	10,771.68	1/8	10,587.09	1/8	10,402.51	1/8	10,217.92
1/4	11,866.44	1/4	11,690.78	1/4	11,506.19	1/4	11,321.60	1/4	11,137.01	1/4	10,952.43	1/4	10,767.84	1/4	10,583.25	1/4	10,398.66	1/4	10,214.07
3/8	11,863.45	3/8	11,686.94	3/8	11,502.35	3/8	11,317.76	3/8	11,133.17	3/8	10,948.58	3/8	10,763.99	3/8	10,579.40	3/8	10,394.81	3/8	10,210.23
1/2	11,860.45	1/2	11,683.09	1/2	11,498.50	1/2	11,313.91	1/2	11,129.32	1/2	10,944.73	1/2	10,760.15	1/2	10,575.56	1/2	10,390.97	1/2	10,206.38
5/8	11,857.16	5/8	11,679.24	5/8	11,494.66	5/8	11,310.07	5/8	11,125.48	5/8	10,940.89	5/8	10,756.30	5/8	10,571.71	5/8	10,387.12	5/8	10,202.53
3/4	11,853.86	3/4	11,675.40	3/4	11,490.81	3/4	11,306.22	3/4	11,121.63	3/4	10,937.04	3/4	10,752.45	3/4	10,567.87	3/4	10,383.28	3/4	10,198.69
7/8	11,850.57	7/8	11,671.55	7/8	11,486.96	7/8	11,302.38	7/8	11,117.79	7/8	10,933.20	7/8	10,748.61	7/8	10,564.02	7/8	10,379.43	7/8	10,194.84
1	11,847.27	7	11,667.71	1	11,483.12	7	11,298.53	1	11,113.94	7	10,929.35	1	10,744.76	7	10,560.17	1	10,375.59	7	10,191.00
1/8	11,843.97	1/8	11,663.86	1/8	11,479.27	1/8	11,294.68	1/8	11,110.10	1/8	10,925.51	1/8	10,740.92	1/8	10,556.33	1/8	10,371.74	1/8	10,187.15
1/4	11,840.68	1/4	11,660.02	1/4	11,475.43	1/4	11,290.84	1/4	11,106.25	1/4	10,921.66	1/4	10,737.07	1/4	10,552.48	1/4	10,367.89	1/4	10,183.31
3/8	11,837.38	3/8	11,656.17	3/8	11,471.58	3/8	11,286.99	3/8	11,102.40	3/8	10,917.82	3/8	10,733.23	3/8	10,548.64	3/8	10,364.05	3/8	10,179.46
1/2	11,834.09	1/2	11,652.33	1/2	11,467.74	1/2	11,283.15	1/2	11,098.56	1/2	10,913.97	1/2	10,729.38	1/2	10,544.79	1/2	10,360.20	1/2	10,175.61
5/8	11,830.50	5/8	11,648.48	5/8	11,463.89	5/8	11,279.30	5/8	11,094.71	5/8	10,910.12	5/8	10,725.54	5/8	10,540.95	5/8	10,356.36	5/8	10,171.77
3/4	11,826.91	3/4	11,644.63	3/4	11,460.05	3/4	11,275.46	3/4	11,090.87	3/4	10,906.28	3/4	10,721.69	3/4	10,537.10	3/4	10,352.51	3/4	10,167.92
7/8	11,823.33	7/8	11,640.79	7/8	11,456.20	7/8	11,271.61	7/8	11,087.02	7/8	10,902.43	7/8	10,717.84	7/8	10,533.26	7/8	10,348.67	7/8	10,164.08
2	11,819.74	8	11,636.94	2	11,452.35	8	11,267.77	2	11,083.18	8	10,898.59	2	10,714.00	8	10,529.41	2	10,344.82	8	10,160.23
1/8	11,816.16	1/8	11,633.10	1/8	11,448.51	1/8	11,263.92	1/8	11,079.33	1/8	10,894.74	1/8	10,710.15	1/8	10,525.56	1/8	10,340.98	1/8	10,156.39
1/4	11,812.57	1/4	11,629.25	1/4	11,444.66	1/4	11,260.07	1/4	11,075.49	1/4	10,890.90	1/4	10,706.31	1/4	10,521.72	1/4	10,337.13	1/4	10,152.54
3/8	11,808.98	3/8	11,625.41	3/8	11,440.82	3/8	11,256.23	3/8	11,071.64	3/8	10,887.05	3/8	10,702.46	3/8	10,517.87	3/8	10,333.28	3/8	10,148.70
1/2	11,805.40	1/2	11,621.56	1/2	11,436.97	1/2	11,252.38	1/2	11,067.79	1/2	10,883.21	1/2	10,698.62	1/2	10,514.03	1/2	10,329.44	1/2	10,144.85
5/8	11,801.62	5/8	11,617.71	5/8	11,433.13	5/8	11,248.54	5/8	11,063.95	5/8	10,879.36	5/8	10,694.77	5/8	10,510.18	5/8	10,325.59	5/8	10,141.00
3/4	11,797.85	3/4	11,613.87	3/4	11,429.28	3/4	11,244.69	3/4	11,060.10	3/4	10,875.51	3/4	10,690.93	3/4	10,506.34	3/4	10,321.75	3/4	10,137.16
7/8	11,794.08	7/8	11,610.02	7/8	11,425.43	7/8	11,240.85	7/8	11,056.26	7/8	10,871.67	7/8	10,687.08	7/8	10,502.49	7/8	10,317.90	7/8	10,133.31
3	11,790.31	9	11,606.18	3	11,421.59	9	11,237.00	3	11,052.41	9	10,867.82	3	10,683.23	9	10,498.65	3	10,314.06	9	10,129.47
1/8	11,786.53	1/8	11,602.33	1/8	11,417.74	1/8	11,233.15	1/8	11,048.57	1/8	10,863.98	1/8	10,679.39	1/8	10,494.80	1/8	10,310.21	1/8	10,125.62
1/4	11,782.76	1/4	11,598.49	1/4	11,413.90	1/4	11,229.31	1/4	11,044.72	1/4	10,860.13	1/4	10,675.54	1/4	10,490.95	1/4	10,306.37	1/4	10,121.78
3/8	11,778.99	3/8	11,594.64	3/8	11,410.05	3/8	11,225.46	3/8	11,040.87	3/8	10,856.29	3/8	10,671.70	3/8	10,487.11	3/8	10,302.52	3/8	10,117.93
1/2	11,775.22	1/2	11,590.80	1/2	11,406.21	1/2	11,221.62	1/2	11,037.03	1/2	10,852.44	1/2	10,667.85	1/2	10,483.26	1/2	10,298.67	1/2	10,114.09
5/8	11,771.39	5/8	11,586.95	5/8	11,402.36	5/8	11,217.77	5/8	11,033.18	5/8	10,848.59	5/8	10,664.01	5/8	10,479.42	5/8	10,294.83	5/8	10,110.24
3/4	11,767.57	3/4	11,583.10	3/4	11,398.52	3/4	11,213.93	3/4	11,029.34	3/4	10,844.75	3/4	10,660.16	3/4	10,475.57	3/4	10,290.98	3/4	10,106.39
7/8	11,763.74	7/8	11,579.26	7/8	11,394.67	7/8	11,210.08	7/8	11,025.49	7/8	10,840.90	7/8	10,656.31	7/8	10,471.73	7/8	10,287.14	7/8	10,102.55
4	11,759.92	10	11,575.41	4	11,390.82	10	11,206.24	4	11,021.65	10	10,837.06	4	10,652.47	10	10,467.88	4	10,283.29	10	10,098.70
1/8	11,756.09	1/8	11,571.57	1/8	11,386.98	1/8	11,202.39	1/8	11,017.80	1/8	10,833.21	1/8	10,648.62	1/8	10,464.03	1/8	10,279.45	1/8	10,094.86
1/4	11,752.27	1/4	11,567.72	1/4	11,383.13	1/4	11,198.54	1/4	11,013.96	1/4	10,829.37	1/4	10,644.78	1/4	10,460.19	1/4	10,275.60	1/4	10,091.01
3/8	11,748.44	3/8	11,563.88	3/8	11,379.29	3/8	11,194.70	3/8	11,010.11	3/8	10,825.52	3/8	10,640.93	3/8	10,456.34	3/8	10,271.75	3/8	10,087.17
1/2	11,744.62	1/2	11,560.03	1/2	11,375.44	1/2	11,190.85	1/2	11,006.26	1/2	10,821.68	1/2	10,637.09	1/2	10,452.50	1/2	10,267.91	1/2	10,083.32
5/8	11,740.77	5/8	11,556.19	5/8	11,371.60	5/8	11,187.01	5/8	11,002.42	5/8	10,817.83	5/8	10,633.24	5/8	10,448.65	5/8	10,264.06	5/8	10,079.47
3/4	11,736.93	3/4	11,552.34	3/4	11,367.75	3/4	11,183.16	3/4	10,998.57	3/4	10,813.98	3/4	10,629.40	3/4	10,444.81	3/4	10,260.22	3/4	10,075.63
7/8	11,733.08	7/8	11,548.49	7/8	11,363.91	7/8	11,179.32	7/8	10,994.73	7/8	10,810.14	7/8	10,625.55	7/8	10,440.96	7/8	10,256.37	7/8	10,071.78
5	11,729.24	11	11,544.65	5	11,360.06	11	11,175.47	5	10,990.88	11	10,806.29	5	10,621.70	11	10,437.12	5	10,252.53	11	10,067.94
1/8	11,725.39	1/8	11,540.80	1/8	11,356.21	1/8	11,171.63	1/8	10,987.04	1/8	10,802.45	1/8	10,617.86	1/8	10,433.27	1/8	10,248.68	1/8	10,064.09
1/4	11,721.55	1/4	11,536.96	1/4	11,352.37	1/4	11,167.78	1/4	10,983.19	1/4	10,798.60	1/4	10,614.01	1/4	10,429.42	1/4	10,244.84	1/4	10,060.25
3/8	11,717.70	3/8	11,533.11	3/8	11,348.52	3/8	11,163.93	3/8	10,979.35	3/8	10,794.76	3/8	10,610.17	3/8	10,425.58	3/8	10,240.99	3/8	10,056.40
1/2	11,713.85	1/2	11,529.27	1/2	11,344.68	1/2	11,160.09	1/2	10,975.50	1/2	10,790.91	1/2	10,606.32	1/2	10,421.73	1/2	10,237.14	1/2	10,052.56
5/8	11,710.01	5/8	11,525.42	5/8	11,340.83	5/8	11,156.24	5/8	10,971.65	5/8	10,787.07	5/8	10,602.48	5/8	10,417.89	5/8	10,233.30	5/8	10,048.71
3/4	11,706.16	3/4	11,521.57	3/4	11,336.99	3/4	11,152.40	3/4	10,967.81	3/4	10,783.22	3/4	10,598.63	3/4	10,414.04	3/4	10,229.45	3/4	10,044.86
7/8	11,702.32	7/8	11,517.73	7/8	11,333.14	7/8	11,148.55	7/8	10,963.96	7/8	10,779.37	7/8	10,594.79	7/8	10,410.20	7/8	10,225.61	7/8	10,041.02

GAUGE LOCATED 24'-6 3/4" FORWARD OF AFT BULKHEAD, AND 16'-7 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

2 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 1/2"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	10,037.17	6	9,852.58	0	9,668.00	6	9,483.41	0	9,298.82	6	9,114.23	0	8,929.64	6	8,745.05	0	8,560.46	6	8,375.87
1/8	10,033.33	1/8	9,848.74	1/8	9,664.15	1/8	9,479.56	1/8	9,294.97	1/8	9,110.38	1/8	8,925.79	1/8	8,741.21	1/8	8,556.62	1/8	8,372.03
1/4	10,029.48	1/4	9,844.89	1/4	9,660.30	1/4	9,475.72	1/4	9,291.13	1/4	9,106.54	1/4	8,921.95	1/4	8,737.36	1/4	8,552.77	1/4	8,368.18
3/8	10,025.64	3/8	9,841.05	3/8	9,656.46	3/8	9,471.87	3/8	9,287.28	3/8	9,102.69	3/8	8,918.10	3/8	8,733.51	3/8	8,548.93	3/8	8,364.34
1/2	10,021.79	1/2	9,837.20	1/2	9,652.61	1/2	9,468.02	1/2	9,283.44	1/2	9,098.85	1/2	8,914.26	1/2	8,729.67	1/2	8,545.08	1/2	8,360.49
5/8	10,017.95	5/8	9,833.36	5/8	9,648.77	5/8	9,464.18	5/8	9,279.59	5/8	9,095.00	5/8	8,910.41	5/8	8,725.82	5/8	8,541.23	5/8	8,356.65
3/4	10,014.10	3/4	9,829.51	3/4	9,644.92	3/4	9,460.33	3/4	9,275.74	3/4	9,091.16	3/4	8,906.57	3/4	8,721.98	3/4	8,537.39	3/4	8,352.80
7/8	10,010.25	7/8	9,825.67	7/8	9,641.08	7/8	9,456.49	7/8	9,271.90	7/8	9,087.31	7/8	8,902.72	7/8	8,718.13	7/8	8,533.54	7/8	8,348.95
1	10,006.41	7	9,821.82	1	9,637.23	7	9,452.64	1	9,268.05	7	9,083.46	1	8,898.88	7	8,714.29	1	8,529.70	7	8,345.11
1/8	10,002.56	1/8	9,817.97	1/8	9,633.39	1/8	9,448.80	1/8	9,264.21	1/8	9,079.62	1/8	8,895.03	1/8	8,710.44	1/8	8,525.85	1/8	8,341.26
1/4	9,998.72	1/4	9,814.13	1/4	9,629.54	1/4	9,444.95	1/4	9,260.36	1/4	9,075.77	1/4	8,891.18	1/4	8,706.60	1/4	8,522.01	1/4	8,337.42
3/8	9,994.87	3/8	9,810.28	3/8	9,625.69	3/8	9,441.11	3/8	9,256.52	3/8	9,071.93	3/8	8,887.34	3/8	8,702.75	3/8	8,518.16	3/8	8,333.57
1/2	9,991.03	1/2	9,806.44	1/2	9,621.85	1/2	9,437.26	1/2	9,252.67	1/2	9,068.08	1/2	8,883.49	1/2	8,698.90	1/2	8,514.32	1/2	8,329.73
5/8	9,987.18	5/8	9,802.59	5/8	9,618.00	5/8	9,433.41	5/8	9,248.83	5/8	9,064.24	5/8	8,879.65	5/8	8,695.06	5/8	8,510.47	5/8	8,325.88
3/4	9,983.33	3/4	9,798.75	3/4	9,614.16	3/4	9,429.57	3/4	9,244.98	3/4	9,060.39	3/4	8,875.80	3/4	8,691.21	3/4	8,506.62	3/4	8,322.04
7/8	9,979.49	7/8	9,794.90	7/8	9,610.31	7/8	9,425.72	7/8	9,241.13	7/8	9,056.55	7/8	8,871.96	7/8	8,687.37	7/8	8,502.78	7/8	8,318.19
2	9,975.64	8	9,791.05	2	9,606.47	8	9,421.88	2	9,237.29	8	9,052.70	2	8,868.11	8	8,683.52	2	8,498.93	8	8,314.34
1/8	9,971.80	1/8	9,787.21	1/8	9,602.62	1/8	9,418.03	1/8	9,233.44	1/8	9,048.85	1/8	8,864.27	1/8	8,679.68	1/8	8,495.09	1/8	8,310.50
1/4	9,967.95	1/4	9,783.36	1/4	9,598.77	1/4	9,414.19	1/4	9,229.60	1/4	9,045.01	1/4	8,860.42	1/4	8,675.83	1/4	8,491.24	1/4	8,306.65
3/8	9,964.11	3/8	9,779.52	3/8	9,594.93	3/8	9,410.34	3/8	9,225.75	3/8	9,041.16	3/8	8,856.57	3/8	8,671.99	3/8	8,487.40	3/8	8,302.81
1/2	9,960.26	1/2	9,775.67	1/2	9,591.08	1/2	9,406.49	1/2	9,221.91	1/2	9,037.32	1/2	8,852.73	1/2	8,668.14	1/2	8,483.55	1/2	8,298.96
5/8	9,956.42	5/8	9,771.83	5/8	9,587.24	5/8	9,402.65	5/8	9,218.06	5/8	9,033.47	5/8	8,848.88	5/8	8,664.29	5/8	8,479.71	5/8	8,295.12
3/4	9,952.57	3/4	9,767.98	3/4	9,583.39	3/4	9,398.80	3/4	9,214.21	3/4	9,029.63	3/4	8,845.04	3/4	8,660.45	3/4	8,475.86	3/4	8,291.27
7/8	9,948.72	7/8	9,764.14	7/8	9,579.55	7/8	9,394.96	7/8	9,210.37	7/8	9,025.78	7/8	8,841.19	7/8	8,656.60	7/8	8,472.01	7/8	8,287.43
3	9,944.88	9	9,760.29	3	9,575.70	9	9,391.11	3	9,206.52	9	9,021.93	3	8,837.35	9	8,652.76	3	8,468.17	9	8,283.58
1/8	9,941.03	1/8	9,756.44	1/8	9,571.86	1/8	9,387.27	1/8	9,202.68	1/8	9,018.09	1/8	8,833.50	1/8	8,648.91	1/8	8,464.32	1/8	8,279.73
1/4	9,937.19	1/4	9,752.60	1/4	9,568.01	1/4	9,383.42	1/4	9,198.83	1/4	9,014.24	1/4	8,829.65	1/4	8,645.07	1/4	8,460.48	1/4	8,275.89
3/8	9,933.34	3/8	9,748.75	3/8	9,564.16	3/8	9,379.58	3/8	9,194.99	3/8	9,010.40	3/8	8,825.81	3/8	8,641.22	3/8	8,456.63	3/8	8,272.04
1/2	9,929.50	1/2	9,744.91	1/2	9,560.32	1/2	9,375.73	1/2	9,191.14	1/2	9,006.55	1/2	8,821.96	1/2	8,637.37	1/2	8,452.79	1/2	8,268.20
5/8	9,925.65	5/8	9,741.06	5/8	9,556.47	5/8	9,371.88	5/8	9,187.30	5/8	9,002.71	5/8	8,818.12	5/8	8,633.53	5/8	8,448.94	5/8	8,264.35
3/4	9,921.81	3/4	9,737.22	3/4	9,552.63	3/4	9,368.04	3/4	9,183.45	3/4	8,998.86	3/4	8,814.27	3/4	8,629.68	3/4	8,445.09	3/4	8,260.51
7/8	9,917.96	7/8	9,733.37	7/8	9,548.78	7/8	9,364.19	7/8	9,179.60	7/8	8,995.02	7/8	8,810.43	7/8	8,625.84	7/8	8,441.25	7/8	8,256.66
4	9,914.11	10	9,729.53	4	9,544.94	10	9,360.35	4	9,175.76	10	8,991.17	4	8,806.58	10	8,621.99	4	8,437.40	10	8,252.81
1/8	9,910.27	1/8	9,725.68	1/8	9,541.09	1/8	9,356.50	1/8	9,171.91	1/8	8,987.32	1/8	8,802.74	1/8	8,618.15	1/8	8,433.56	1/8	8,248.97
1/4	9,906.42	1/4	9,721.83	1/4	9,537.25	1/4	9,352.66	1/4	9,168.07	1/4	8,983.48	1/4	8,798.89	1/4	8,614.30	1/4	8,429.71	1/4	8,245.12
3/8	9,902.58	3/8	9,717.99	3/8	9,533.40	3/8	9,348.81	3/8	9,164.22	3/8	8,979.63	3/8	8,795.04	3/8	8,610.46	3/8	8,425.87	3/8	8,241.28
1/2	9,898.73	1/2	9,714.14	1/2	9,529.55	1/2	9,344.97	1/2	9,160.38	1/2	8,975.79	1/2	8,791.20	1/2	8,606.61	1/2	8,422.02	1/2	8,237.43
5/8	9,894.89	5/8	9,710.30	5/8	9,525.71	5/8	9,341.12	5/8	9,156.53	5/8	8,971.94	5/8	8,787.35	5/8	8,602.76	5/8	8,418.18	5/8	8,233.59
3/4	9,891.04	3/4	9,706.45	3/4	9,521.86	3/4	9,337.27	3/4	9,152.69	3/4	8,968.10	3/4	8,783.51	3/4	8,598.92	3/4	8,414.33	3/4	8,229.74
7/8	9,887.19	7/8	9,702.61	7/8	9,518.02	7/8	9,333.43	7/8	9,148.84	7/8	8,964.25	7/8	8,779.66	7/8	8,595.07	7/8	8,410.48	7/8	8,225.90
5	9,883.35	11	9,698.76	5	9,514.17	11	9,329.58	5	9,144.99	11	8,960.41	5	8,775.82	11	8,591.23	5	8,406.64	11	8,222.05
1/8	9,879.50	1/8	9,694.91	1/8	9,510.33	1/8	9,325.74	1/8	9,141.15	1/8	8,956.56	1/8	8,771.97	1/8	8,587.38	1/8	8,402.79	1/8	8,218.20
1/4	9,875.66	1/4	9,691.07	1/4	9,506.48	1/4	9,321.89	1/4	9,137.30	1/4	8,952.71	1/4	8,768.13	1/4	8,583.54	1/4	8,398.95	1/4	8,214.36
3/8	9,871.81	3/8	9,687.22	3/8	9,502.63	3/8	9,318.05	3/8	9,133.46	3/8	8,948.87	3/8	8,764.28	3/8	8,579.69	3/8	8,395.10	3/8	8,210.51
1/2	9,867.97	1/2	9,683.38	1/2	9,498.79	1/2	9,314.20	1/2	9,129.61	1/2	8,945.02	1/2	8,760.43	1/2	8,575.85	1/2	8,391.26	1/2	8,206.67
5/8	9,864.12	5/8	9,679.53	5/8	9,494.94	5/8	9,310.35	5/8	9,125.77	5/8	8,941.18	5/8	8,756.59	5/8	8,572.00	5/8	8,387.41	5/8	8,202.82
3/4	9,860.28	3/4	9,675.69	3/4	9,491.10	3/4	9,306.51	3/4	9,121.92	3/4	8,937.33	3/4	8,752.74	3/4	8,568.15	3/4	8,383.57	3/4	8,198.98
7/8	9,856.43	7/8	9,671.84	7/8	9,487.25	7/8	9,302.66	7/8	9,118.07	7/8	8,933.49	7/8	8,748.90	7/8	8,564.31	7/8	8,379.72	7/8	8,195.13

GAUGE LOCATED 24'-6 3/4" FORWARD OF AFT BULKHEAD, AND 16'-7 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

2 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 1/2"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	8,191.29	6	8,006.70	0	7,822.11	6	7,637.52	0	7,452.93	6	7,268.34	0	7,083.75	6	6,899.16	0	6,714.57	6	6,529.99
1/8	8,187.44	1/8	8,002.85	1/8	7,818.26	1/8	7,633.67	1/8	7,449.08	1/8	7,264.50	1/8	7,079.91	1/8	6,895.32	1/8	6,710.73	1/8	6,526.14
1/4	8,183.59	1/4	7,999.01	1/4	7,814.42	1/4	7,629.83	1/4	7,445.24	1/4	7,260.65	1/4	7,076.06	1/4	6,891.47	1/4	6,706.88	1/4	6,522.29
3/8	8,179.75	3/8	7,995.16	3/8	7,810.57	3/8	7,625.98	3/8	7,441.39	3/8	7,256.80	3/8	7,072.22	3/8	6,887.63	3/8	6,703.04	3/8	6,518.45
1/2	8,175.90	1/2	7,991.31	1/2	7,806.73	1/2	7,622.14	1/2	7,437.55	1/2	7,252.96	1/2	7,068.37	1/2	6,883.78	1/2	6,699.19	1/2	6,514.60
5/8	8,172.06	5/8	7,987.47	5/8	7,802.88	5/8	7,618.29	5/8	7,433.70	5/8	7,249.11	5/8	7,064.52	5/8	6,879.94	5/8	6,695.35	5/8	6,510.76
3/4	8,168.21	3/4	7,983.62	3/4	7,799.03	3/4	7,614.45	3/4	7,429.86	3/4	7,245.27	3/4	7,060.68	3/4	6,876.09	3/4	6,691.50	3/4	6,506.91
7/8	8,164.37	7/8	7,979.78	7/8	7,795.19	7/8	7,610.60	7/8	7,426.01	7/8	7,241.42	7/8	7,056.83	7/8	6,872.24	7/8	6,687.66	7/8	6,503.07
1	8,160.52	7	7,975.93	1	7,791.34	7	7,606.75	1	7,422.17	7	7,237.58	1	7,052.99	7	6,868.40	1	6,683.81	7	6,499.22
1/8	8,156.67	1/8	7,972.09	1/8	7,787.50	1/8	7,602.91	1/8	7,418.32	1/8	7,233.73	1/8	7,049.14	1/8	6,864.55	1/8	6,679.96	1/8	6,495.38
1/4	8,152.83	1/4	7,968.24	1/4	7,783.65	1/4	7,599.06	1/4	7,414.47	1/4	7,229.89	1/4	7,045.30	1/4	6,860.71	1/4	6,676.12	1/4	6,491.53
3/8	8,148.98	3/8	7,964.39	3/8	7,779.81	3/8	7,595.22	3/8	7,410.63	3/8	7,226.04	3/8	7,041.45	3/8	6,856.86	3/8	6,672.27	3/8	6,487.68
1/2	8,145.14	1/2	7,960.55	1/2	7,775.96	1/2	7,591.37	1/2	7,406.78	1/2	7,222.19	1/2	7,037.61	1/2	6,853.02	1/2	6,668.43	1/2	6,483.84
5/8	8,141.29	5/8	7,956.70	5/8	7,772.11	5/8	7,587.53	5/8	7,402.94	5/8	7,218.35	5/8	7,033.76	5/8	6,849.17	5/8	6,664.58	5/8	6,479.99
3/4	8,137.45	3/4	7,952.86	3/4	7,768.27	3/4	7,583.68	3/4	7,399.09	3/4	7,214.50	3/4	7,029.91	3/4	6,845.33	3/4	6,660.74	3/4	6,476.15
7/8	8,133.60	7/8	7,949.01	7/8	7,764.42	7/8	7,579.83	7/8	7,395.25	7/8	7,210.66	7/8	7,026.07	7/8	6,841.48	7/8	6,656.89	7/8	6,472.30
2	8,129.76	8	7,945.17	2	7,760.58	8	7,575.99	2	7,391.40	8	7,206.81	2	7,022.22	8	6,837.63	2	6,653.05	8	6,468.46
1/8	8,125.91	1/8	7,941.32	1/8	7,756.73	1/8	7,572.14	1/8	7,387.55	1/8	7,202.97	1/8	7,018.38	1/8	6,833.79	1/8	6,649.20	1/8	6,464.61
1/4	8,122.06	1/4	7,937.48	1/4	7,752.89	1/4	7,568.30	1/4	7,383.71	1/4	7,199.12	1/4	7,014.53	1/4	6,829.94	1/4	6,645.35	1/4	6,460.77
3/8	8,118.22	3/8	7,933.63	3/8	7,749.04	3/8	7,564.45	3/8	7,379.86	3/8	7,195.27	3/8	7,010.69	3/8	6,826.10	3/8	6,641.51	3/8	6,456.92
1/2	8,114.37	1/2	7,929.78	1/2	7,745.20	1/2	7,560.61	1/2	7,376.02	1/2	7,191.43	1/2	7,006.84	1/2	6,822.25	1/2	6,637.66	1/2	6,453.07
5/8	8,110.53	5/8	7,925.94	5/8	7,741.35	5/8	7,556.76	5/8	7,372.17	5/8	7,187.58	5/8	7,002.99	5/8	6,818.41	5/8	6,633.82	5/8	6,449.23
3/4	8,106.68	3/4	7,922.09	3/4	7,737.50	3/4	7,552.92	3/4	7,368.33	3/4	7,183.74	3/4	6,999.15	3/4	6,814.56	3/4	6,629.97	3/4	6,445.38
7/8	8,102.84	7/8	7,918.25	7/8	7,733.66	7/8	7,549.07	7/8	7,364.48	7/8	7,179.89	7/8	6,995.30	7/8	6,810.71	7/8	6,626.13	7/8	6,441.54
3	8,098.99	9	7,914.40	3	7,729.81	9	7,545.22	3	7,360.64	9	7,176.05	3	6,991.46	9	6,806.87	3	6,622.28	9	6,437.69
1/8	8,095.15	1/8	7,910.56	1/8	7,725.97	1/8	7,541.38	1/8	7,356.79	1/8	7,172.20	1/8	6,987.61	1/8	6,803.02	1/8	6,618.43	1/8	6,433.85
1/4	8,091.30	1/4	7,906.71	1/4	7,722.12	1/4	7,537.53	1/4	7,352.94	1/4	7,168.36	1/4	6,983.77	1/4	6,799.18	1/4	6,614.59	1/4	6,430.00
3/8	8,087.45	3/8	7,902.87	3/8	7,718.28	3/8	7,533.69	3/8	7,349.10	3/8	7,164.51	3/8	6,979.92	3/8	6,795.33	3/8	6,610.74	3/8	6,426.15
1/2	8,083.61	1/2	7,899.02	1/2	7,714.43	1/2	7,529.84	1/2	7,345.25	1/2	7,160.66	1/2	6,976.08	1/2	6,791.49	1/2	6,606.90	1/2	6,422.31
5/8	8,079.76	5/8	7,895.17	5/8	7,710.59	5/8	7,526.00	5/8	7,341.41	5/8	7,156.82	5/8	6,972.23	5/8	6,787.64	5/8	6,603.05	5/8	6,418.46
3/4	8,075.92	3/4	7,891.33	3/4	7,706.74	3/4	7,522.15	3/4	7,337.56	3/4	7,152.97	3/4	6,968.38	3/4	6,783.80	3/4	6,599.21	3/4	6,414.62
7/8	8,072.07	7/8	7,887.48	7/8	7,702.89	7/8	7,518.31	7/8	7,333.72	7/8	7,149.13	7/8	6,964.54	7/8	6,779.95	7/8	6,595.36	7/8	6,410.77
4	8,068.23	10	7,883.64	4	7,699.05	10	7,514.46	4	7,329.87	10	7,145.28	4	6,960.69	10	6,776.10	4	6,591.52	10	6,406.93
1/8	8,064.38	1/8	7,879.79	1/8	7,695.20	1/8	7,510.61	1/8	7,326.03	1/8	7,141.44	1/8	6,956.85	1/8	6,772.26	1/8	6,587.67	1/8	6,403.08
1/4	8,060.53	1/4	7,875.95	1/4	7,691.36	1/4	7,506.77	1/4	7,322.18	1/4	7,137.59	1/4	6,953.00	1/4	6,768.41	1/4	6,583.82	1/4	6,399.24
3/8	8,056.69	3/8	7,872.10	3/8	7,687.51	3/8	7,502.92	3/8	7,318.33	3/8	7,133.75	3/8	6,949.16	3/8	6,764.57	3/8	6,579.98	3/8	6,395.39
1/2	8,052.84	1/2	7,868.25	1/2	7,683.67	1/2	7,499.08	1/2	7,314.49	1/2	7,129.90	1/2	6,945.31	1/2	6,760.72	1/2	6,576.13	1/2	6,391.54
5/8	8,049.00	5/8	7,864.41	5/8	7,679.82	5/8	7,495.23	5/8	7,310.64	5/8	7,126.05	5/8	6,941.47	5/8	6,756.88	5/8	6,572.29	5/8	6,387.70
3/4	8,045.15	3/4	7,860.56	3/4	7,675.97	3/4	7,491.39	3/4	7,306.80	3/4	7,122.21	3/4	6,937.62	3/4	6,753.03	3/4	6,568.44	3/4	6,383.85
7/8	8,041.31	7/8	7,856.72	7/8	7,672.13	7/8	7,487.54	7/8	7,302.95	7/8	7,118.36	7/8	6,933.77	7/8	6,749.19	7/8	6,564.60	7/8	6,380.01
5	8,037.46	11	7,852.87	5	7,668.28	11	7,483.69	5	7,299.11	11	7,114.52	5	6,929.93	11	6,745.34	5	6,560.75	11	6,376.16
1/8	8,033.62	1/8	7,849.03	1/8	7,664.44	1/8	7,479.85	1/8	7,295.26	1/8	7,110.67	1/8	6,926.08	1/8	6,741.49	1/8	6,556.91	1/8	6,372.32
1/4	8,029.77	1/4	7,845.18	1/4	7,660.59	1/4	7,476.00	1/4	7,291.41	1/4	7,106.83	1/4	6,922.24	1/4	6,737.65	1/4	6,553.06	1/4	6,368.47
3/8	8,025.92	3/8	7,841.34	3/8	7,656.75	3/8	7,472.16	3/8	7,287.57	3/8	7,102.98	3/8	6,918.39	3/8	6,733.80	3/8	6,549.21	3/8	6,364.63
1/2	8,022.08	1/2	7,837.49	1/2	7,652.90	1/2	7,468.31	1/2	7,283.72	1/2	7,099.13	1/2	6,914.55	1/2	6,729.96	1/2	6,545.37	1/2	6,360.78
5/8	8,018.23	5/8	7,833.64	5/8	7,649.06	5/8	7,464.47	5/8	7,279.88	5/8	7,095.29	5/8	6,910.70	5/8	6,726.11	5/8	6,541.52	5/8	6,356.93
3/4	8,014.39	3/4	7,829.80	3/4	7,645.21	3/4	7,460.62	3/4	7,276.03	3/4	7,091.44	3/4	6,906.85	3/4	6,722.27	3/4	6,537.68	3/4	6,353.09
7/8	8,010.54	7/8	7,825.95	7/8	7,641.36	7/8	7,456.78	7/8	7,272.19	7/8	7,087.60	7/8	6,903.01	7/8	6,718.42	7/8	6,533.83	7/8	6,349.24

GAUGE LOCATED 24'-6 3/4" FORWARD OF AFT BULKHEAD, AND 16'-7 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 1/2"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	6,345.40	6	6,160.81	0	5,976.22	6	5,791.63	0	5,607.04	6	5,422.45	0	5,237.86	6	5,053.28	0	4,868.69	6	4,684.10
1/8	6,341.55	1/8	6,156.96	1/8	5,972.37	1/8	5,787.79	1/8	5,603.20	1/8	5,418.61	1/8	5,234.02	1/8	5,049.43	1/8	4,864.84	1/8	4,680.25
1/4	6,337.71	1/4	6,153.12	1/4	5,968.53	1/4	5,783.94	1/4	5,599.35	1/4	5,414.76	1/4	5,230.17	1/4	5,045.58	1/4	4,861.00	1/4	4,676.41
3/8	6,333.86	3/8	6,149.27	3/8	5,964.68	3/8	5,780.09	3/8	5,595.51	3/8	5,410.92	3/8	5,226.33	3/8	5,041.74	3/8	4,857.15	3/8	4,672.56
1/2	6,330.01	1/2	6,145.43	1/2	5,960.84	1/2	5,776.25	1/2	5,591.66	1/2	5,407.07	1/2	5,222.48	1/2	5,037.89	1/2	4,853.30	1/2	4,668.72
5/8	6,326.17	5/8	6,141.58	5/8	5,956.99	5/8	5,772.40	5/8	5,587.81	5/8	5,403.23	5/8	5,218.64	5/8	5,034.05	5/8	4,849.46	5/8	4,664.87
3/4	6,322.32	3/4	6,137.73	3/4	5,953.15	3/4	5,768.56	3/4	5,583.97	3/4	5,399.38	3/4	5,214.79	3/4	5,030.20	3/4	4,845.61	3/4	4,661.02
7/8	6,318.48	7/8	6,133.89	7/8	5,949.30	7/8	5,764.71	7/8	5,580.12	7/8	5,395.53	7/8	5,210.95	7/8	5,026.36	7/8	4,841.77	7/8	4,657.18
1	6,314.63	7	6,130.04	1	5,945.45	7	5,760.87	1	5,576.28	7	5,391.69	1	5,207.10	7	5,022.51	1	4,837.92	7	4,653.33
1/8	6,310.79	1/8	6,126.20	1/8	5,941.61	1/8	5,757.02	1/8	5,572.43	1/8	5,387.84	1/8	5,203.25	1/8	5,018.67	1/8	4,834.08	1/8	4,649.49
1/4	6,306.94	1/4	6,122.35	1/4	5,937.76	1/4	5,753.17	1/4	5,568.59	1/4	5,384.00	1/4	5,199.41	1/4	5,014.82	1/4	4,830.23	1/4	4,645.64
3/8	6,303.10	3/8	6,118.51	3/8	5,933.92	3/8	5,749.33	3/8	5,564.74	3/8	5,380.15	3/8	5,195.56	3/8	5,010.97	3/8	4,826.39	3/8	4,641.80
1/2	6,299.25	1/2	6,114.66	1/2	5,930.07	1/2	5,745.48	1/2	5,560.89	1/2	5,376.31	1/2	5,191.72	1/2	5,007.13	1/2	4,822.54	1/2	4,637.95
5/8	6,295.40	5/8	6,110.82	5/8	5,926.23	5/8	5,741.64	5/8	5,557.05	5/8	5,372.46	5/8	5,187.87	5/8	5,003.28	5/8	4,818.69	5/8	4,634.11
3/4	6,291.56	3/4	6,106.97	3/4	5,922.38	3/4	5,737.79	3/4	5,553.20	3/4	5,368.61	3/4	5,184.03	3/4	4,999.44	3/4	4,814.85	3/4	4,630.26
7/8	6,287.71	7/8	6,103.12	7/8	5,918.54	7/8	5,733.95	7/8	5,549.36	7/8	5,364.77	7/8	5,180.18	7/8	4,995.59	7/8	4,811.00	7/8	4,626.41
2	6,283.87	8	6,099.28	2	5,914.69	8	5,730.10	2	5,545.51	8	5,360.92	2	5,176.33	8	4,991.75	2	4,807.16	8	4,622.57
1/8	6,280.02	1/8	6,095.43	1/8	5,910.84	1/8	5,726.26	1/8	5,541.67	1/8	5,357.08	1/8	5,172.49	1/8	4,987.90	1/8	4,803.31	1/8	4,618.72
1/4	6,276.18	1/4	6,091.59	1/4	5,907.00	1/4	5,722.41	1/4	5,537.82	1/4	5,353.23	1/4	5,168.64	1/4	4,984.05	1/4	4,799.47	1/4	4,614.88
3/8	6,272.33	3/8	6,087.74	3/8	5,903.15	3/8	5,718.56	3/8	5,533.98	3/8	5,349.39	3/8	5,164.80	3/8	4,980.21	3/8	4,795.62	3/8	4,611.03
1/2	6,268.49	1/2	6,083.90	1/2	5,899.31	1/2	5,714.72	1/2	5,530.13	1/2	5,345.54	1/2	5,160.95	1/2	4,976.36	1/2	4,791.77	1/2	4,607.19
5/8	6,264.64	5/8	6,080.05	5/8	5,895.46	5/8	5,710.87	5/8	5,526.28	5/8	5,341.70	5/8	5,157.11	5/8	4,972.52	5/8	4,787.93	5/8	4,603.34
3/4	6,260.79	3/4	6,076.21	3/4	5,891.62	3/4	5,707.03	3/4	5,522.44	3/4	5,337.85	3/4	5,153.26	3/4	4,968.67	3/4	4,784.08	3/4	4,599.49
7/8	6,256.95	7/8	6,072.36	7/8	5,887.77	7/8	5,703.18	7/8	5,518.59	7/8	5,334.00	7/8	5,149.42	7/8	4,964.83	7/8	4,780.24	7/8	4,595.65
3	6,253.10	9	6,068.51	3	5,883.93	9	5,699.34	3	5,514.75	9	5,330.16	3	5,145.57	9	4,960.98	3	4,776.39	9	4,591.80
1/8	6,249.26	1/8	6,064.67	1/8	5,880.08	1/8	5,695.49	1/8	5,510.90	1/8	5,326.31	1/8	5,141.72	1/8	4,957.14	1/8	4,772.55	1/8	4,587.96
1/4	6,245.41	1/4	6,060.82	1/4	5,876.23	1/4	5,691.65	1/4	5,507.06	1/4	5,322.47	1/4	5,137.88	1/4	4,953.29	1/4	4,768.70	1/4	4,584.11
3/8	6,241.57	3/8	6,056.98	3/8	5,872.39	3/8	5,687.80	3/8	5,503.21	3/8	5,318.62	3/8	5,134.03	3/8	4,949.44	3/8	4,764.86	3/8	4,580.27
1/2	6,237.72	1/2	6,053.13	1/2	5,868.54	1/2	5,683.95	1/2	5,499.37	1/2	5,314.78	1/2	5,130.19	1/2	4,945.60	1/2	4,761.01	1/2	4,576.42
5/8	6,233.87	5/8	6,049.29	5/8	5,864.70	5/8	5,680.11	5/8	5,495.52	5/8	5,310.93	5/8	5,126.34	5/8	4,941.75	5/8	4,757.16	5/8	4,572.58
3/4	6,230.03	3/4	6,045.44	3/4	5,860.85	3/4	5,676.26	3/4	5,491.67	3/4	5,307.09	3/4	5,122.50	3/4	4,937.91	3/4	4,753.32	3/4	4,568.73
7/8	6,226.18	7/8	6,041.59	7/8	5,857.01	7/8	5,672.42	7/8	5,487.83	7/8	5,303.24	7/8	5,118.65	7/8	4,934.06	7/8	4,749.47	7/8	4,564.88
4	6,222.34	10	6,037.75	4	5,853.16	10	5,668.57	4	5,483.98	10	5,299.39	4	5,114.81	10	4,930.22	4	4,745.63	10	4,561.04
1/8	6,218.49	1/8	6,033.90	1/8	5,849.31	1/8	5,664.73	1/8	5,480.14	1/8	5,295.55	1/8	5,110.96	1/8	4,926.37	1/8	4,741.78	1/8	4,557.19
1/4	6,214.65	1/4	6,030.06	1/4	5,845.47	1/4	5,660.88	1/4	5,476.29	1/4	5,291.70	1/4	5,107.11	1/4	4,922.53	1/4	4,737.94	1/4	4,553.35
3/8	6,210.80	3/8	6,026.21	3/8	5,841.62	3/8	5,657.03	3/8	5,472.45	3/8	5,287.86	3/8	5,103.27	3/8	4,918.68	3/8	4,734.09	3/8	4,549.50
1/2	6,206.96	1/2	6,022.37	1/2	5,837.78	1/2	5,653.19	1/2	5,468.60	1/2	5,284.01	1/2	5,099.42	1/2	4,914.83	1/2	4,730.25	1/2	4,545.66
5/8	6,203.11	5/8	6,018.52	5/8	5,833.93	5/8	5,649.34	5/8	5,464.75	5/8	5,280.17	5/8	5,095.58	5/8	4,910.99	5/8	4,726.40	5/8	4,541.81
3/4	6,199.26	3/4	6,014.68	3/4	5,830.09	3/4	5,645.50	3/4	5,460.91	3/4	5,276.32	3/4	5,091.73	3/4	4,907.14	3/4	4,722.55	3/4	4,537.97
7/8	6,195.42	7/8	6,010.83	7/8	5,826.24	7/8	5,641.65	7/8	5,457.06	7/8	5,272.47	7/8	5,087.89	7/8	4,903.30	7/8	4,718.71	7/8	4,534.12
5	6,191.57	11	6,006.98	5	5,822.40	11	5,637.81	5	5,453.22	11	5,268.63	5	5,084.04	11	4,899.45	5	4,714.86	11	4,530.27
1/8	6,187.73	1/8	6,003.14	1/8	5,818.55	1/8	5,633.96	1/8	5,449.37	1/8	5,264.78	1/8	5,080.19	1/8	4,895.61	1/8	4,711.02	1/8	4,526.43
1/4	6,183.88	1/4	5,999.29	1/4	5,814.70	1/4	5,630.12	1/4	5,445.53	1/4	5,260.94	1/4	5,076.35	1/4	4,891.76	1/4	4,707.17	1/4	4,522.58
3/8	6,180.04	3/8	5,995.45	3/8	5,810.86	3/8	5,626.27	3/8	5,441.68	3/8	5,257.09	3/8	5,072.50	3/8	4,887.91	3/8	4,703.33	3/8	4,518.74
1/2	6,176.19	1/2	5,991.60	1/2	5,807.01	1/2	5,622.42	1/2	5,437.84	1/2	5,253.25	1/2	5,068.66	1/2	4,884.07	1/2	4,699.48	1/2	4,514.89
5/8	6,172.35	5/8	5,987.76	5/8	5,803.17	5/8	5,618.58	5/8	5,433.99	5/8	5,249.40	5/8	5,064.81	5/8	4,880.22	5/8	4,695.63	5/8	4,511.05
3/4	6,168.50	3/4	5,983.91	3/4	5,799.32	3/4	5,614.73	3/4	5,430.14	3/4	5,245.56	3/4	5,060.97	3/4	4,876.38	3/4	4,691.79	3/4	4,507.20
7/8	6,164.65	7/8	5,980.07	7/8	5,795.48	7/8	5,610.89	7/8	5,426.30	7/8	5,241.71	7/8	5,057.12	7/8	4,872.53	7/8	4,687.94	7/8	4,503.35

GAUGE LOCATED 24'-6 3/4" FORWARD OF AFT BULKHEAD, AND 16'-7 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 1/2"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	4,499.51	6	4,314.92	0	4,131.82	6	3,951.30	0	3,769.63	6	3,585.41	0	3,401.20	6	3,216.98	0	3,032.77	6	2,848.56
1/8	4,495.66	1/8	4,311.07	1/8	4,128.05	1/8	3,947.55	1/8	3,765.79	1/8	3,581.58	1/8	3,397.36	1/8	3,213.15	1/8	3,028.93	1/8	2,844.72
1/4	4,491.82	1/4	4,307.23	1/4	4,124.29	1/4	3,943.79	1/4	3,761.95	1/4	3,577.74	1/4	3,393.52	1/4	3,209.31	1/4	3,025.09	1/4	2,840.88
3/8	4,487.97	3/8	4,303.38	3/8	4,120.53	3/8	3,940.03	3/8	3,758.11	3/8	3,573.90	3/8	3,389.69	3/8	3,205.47	3/8	3,021.26	3/8	2,837.04
1/2	4,484.13	1/2	4,299.54	1/2	4,116.77	1/2	3,936.28	1/2	3,754.28	1/2	3,570.06	1/2	3,385.85	1/2	3,201.63	1/2	3,017.42	1/2	2,833.20
5/8	4,480.28	5/8	4,295.69	5/8	4,113.01	5/8	3,932.52	5/8	3,750.44	5/8	3,566.22	5/8	3,382.01	5/8	3,197.80	5/8	3,013.58	5/8	2,829.37
3/4	4,476.44	3/4	4,291.85	3/4	4,109.25	3/4	3,928.77	3/4	3,746.60	3/4	3,562.39	3/4	3,378.17	3/4	3,193.96	3/4	3,009.74	3/4	2,825.53
7/8	4,472.59	7/8	4,288.00	7/8	4,105.49	7/8	3,925.02	7/8	3,742.76	7/8	3,558.55	7/8	3,374.33	7/8	3,190.12	7/8	3,005.91	7/8	2,821.69
1	4,468.74	7	4,284.16	1	4,101.73	7	3,921.26	1	3,738.93	7	3,554.71	1	3,370.50	7	3,186.28	1	3,002.07	7	2,817.85
1/8	4,464.90	1/8	4,280.31	1/8	4,097.96	1/8	3,917.51	1/8	3,735.09	1/8	3,550.87	1/8	3,366.66	1/8	3,182.44	1/8	2,998.23	1/8	2,814.02
1/4	4,461.05	1/4	4,276.46	1/4	4,094.20	1/4	3,913.76	1/4	3,731.25	1/4	3,547.04	1/4	3,362.82	1/4	3,178.61	1/4	2,994.39	1/4	2,810.18
3/8	4,457.21	3/8	4,272.62	3/8	4,090.44	3/8	3,910.00	3/8	3,727.41	3/8	3,543.20	3/8	3,358.98	3/8	3,174.77	3/8	2,990.55	3/8	2,806.34
1/2	4,453.36	1/2	4,268.77	1/2	4,086.68	1/2	3,906.25	1/2	3,723.57	1/2	3,539.36	1/2	3,355.15	1/2	3,170.93	1/2	2,986.72	1/2	2,802.50
5/8	4,449.52	5/8	4,264.93	5/8	4,082.92	5/8	3,902.50	5/8	3,719.74	5/8	3,535.52	5/8	3,351.31	5/8	3,167.09	5/8	2,982.88	5/8	2,798.66
3/4	4,445.67	3/4	4,261.08	3/4	4,079.16	3/4	3,898.74	3/4	3,715.90	3/4	3,531.68	3/4	3,347.47	3/4	3,163.26	3/4	2,979.04	3/4	2,794.83
7/8	4,441.83	7/8	4,257.24	7/8	4,075.40	7/8	3,894.99	7/8	3,712.06	7/8	3,527.85	7/8	3,343.63	7/8	3,159.42	7/8	2,975.20	7/8	2,790.99
2	4,437.98	8	4,253.39	2	4,071.64	8	3,891.24	2	3,708.22	8	3,524.01	2	3,339.79	8	3,155.58	2	2,971.37	8	2,787.15
1/8	4,434.13	1/8	4,249.55	1/8	4,067.88	1/8	3,887.48	1/8	3,704.39	1/8	3,520.17	1/8	3,335.96	1/8	3,151.74	1/8	2,967.53	1/8	2,783.31
1/4	4,430.29	1/4	4,245.70	1/4	4,064.11	1/4	3,883.73	1/4	3,700.55	1/4	3,516.33	1/4	3,332.12	1/4	3,147.90	1/4	2,963.69	1/4	2,779.48
3/8	4,426.44	3/8	4,241.85	3/8	4,060.35	3/8	3,879.97	3/8	3,696.71	3/8	3,512.50	3/8	3,328.28	3/8	3,144.07	3/8	2,959.85	3/8	2,775.64
1/2	4,422.60	1/2	4,238.01	1/2	4,056.59	1/2	3,876.22	1/2	3,692.87	1/2	3,508.66	1/2	3,324.44	1/2	3,140.23	1/2	2,956.01	1/2	2,771.80
5/8	4,418.75	5/8	4,234.17	5/8	4,052.83	5/8	3,872.46	5/8	3,689.03	5/8	3,504.82	5/8	3,320.61	5/8	3,136.39	5/8	2,952.18	5/8	2,767.96
3/4	4,414.91	3/4	4,230.32	3/4	4,049.07	3/4	3,868.71	3/4	3,685.20	3/4	3,500.98	3/4	3,316.77	3/4	3,132.55	3/4	2,948.34	3/4	2,764.12
7/8	4,411.06	7/8	4,226.48	7/8	4,045.31	7/8	3,864.95	7/8	3,681.36	7/8	3,497.14	7/8	3,312.93	7/8	3,128.72	7/8	2,944.50	7/8	2,760.29
3	4,407.21	9	4,222.64	3	4,041.55	9	3,861.19	3	3,677.52	9	3,493.31	3	3,309.09	9	3,124.88	3	2,940.66	9	2,756.45
1/8	4,403.37	1/8	4,218.80	1/8	4,037.79	1/8	3,857.44	1/8	3,673.68	1/8	3,489.47	1/8	3,305.25	1/8	3,121.04	1/8	2,936.83	1/8	2,752.61
1/4	4,399.52	1/4	4,214.96	1/4	4,034.02	1/4	3,853.68	1/4	3,669.84	1/4	3,485.63	1/4	3,301.42	1/4	3,117.20	1/4	2,932.99	1/4	2,748.77
3/8	4,395.68	3/8	4,211.12	3/8	4,030.26	3/8	3,849.92	3/8	3,666.01	3/8	3,481.79	3/8	3,297.58	3/8	3,113.36	3/8	2,929.15	3/8	2,744.94
1/2	4,391.83	1/2	4,207.27	1/2	4,026.50	1/2	3,846.16	1/2	3,662.17	1/2	3,477.95	1/2	3,293.74	1/2	3,109.53	1/2	2,925.31	1/2	2,741.10
5/8	4,387.99	5/8	4,203.48	5/8	4,022.74	5/8	3,842.35	5/8	3,658.33	5/8	3,474.12	5/8	3,289.90	5/8	3,105.69	5/8	2,921.47	5/8	2,737.26
3/4	4,384.14	3/4	4,199.69	3/4	4,018.98	3/4	3,838.54	3/4	3,654.49	3/4	3,470.28	3/4	3,286.06	3/4	3,101.85	3/4	2,917.64	3/4	2,733.42
7/8	4,380.30	7/8	4,195.90	7/8	4,015.22	7/8	3,834.73	7/8	3,650.66	7/8	3,466.44	7/8	3,282.23	7/8	3,098.01	7/8	2,913.80	7/8	2,729.58
4	4,376.45	10	4,192.11	4	4,011.46	10	3,830.92	4	3,646.82	10	3,462.60	4	3,278.39	10	3,094.17	4	2,909.96	10	2,725.75
1/8	4,372.60	1/8	4,188.32	1/8	4,007.70	1/8	3,827.11	1/8	3,642.98	1/8	3,458.77	1/8	3,274.55	1/8	3,090.34	1/8	2,906.12	1/8	2,721.91
1/4	4,368.76	1/4	4,184.53	1/4	4,003.93	1/4	3,823.30	1/4	3,639.14	1/4	3,454.93	1/4	3,270.71	1/4	3,086.50	1/4	2,902.28	1/4	2,718.07
3/8	4,364.91	3/8	4,180.74	3/8	4,000.17	3/8	3,819.49	3/8	3,635.30	3/8	3,451.09	3/8	3,266.88	3/8	3,082.66	3/8	2,898.45	3/8	2,714.23
1/2	4,361.07	1/2	4,176.95	1/2	3,996.41	1/2	3,815.68	1/2	3,631.47	1/2	3,447.25	1/2	3,263.04	1/2	3,078.82	1/2	2,894.61	1/2	2,710.39
5/8	4,357.22	5/8	4,173.19	5/8	3,992.65	5/8	3,811.84	5/8	3,627.63	5/8	3,443.41	5/8	3,259.20	5/8	3,074.99	5/8	2,890.77	5/8	2,706.56
3/4	4,353.38	3/4	4,169.43	3/4	3,988.89	3/4	3,808.01	3/4	3,623.79	3/4	3,439.58	3/4	3,255.36	3/4	3,071.15	3/4	2,886.93	3/4	2,702.72
7/8	4,349.53	7/8	4,165.67	7/8	3,985.13	7/8	3,804.17	7/8	3,619.95	7/8	3,435.74	7/8	3,251.52	7/8	3,067.31	7/8	2,883.10	7/8	2,698.88
5	4,345.69	11	4,161.91	5	3,981.37	11	3,800.33	5	3,616.12	11	3,431.90	5	3,247.69	11	3,063.47	5	2,879.26	11	2,695.04
1/8	4,341.84	1/8	4,158.14	1/8	3,977.61	1/8	3,796.49	1/8	3,612.28	1/8	3,428.06	1/8	3,243.85	1/8	3,059.63	1/8	2,875.42	1/8	2,691.21
1/4	4,337.99	1/4	4,154.38	1/4	3,973.85	1/4	3,792.65	1/4	3,608.44	1/4	3,424.23	1/4	3,240.01	1/4	3,055.80	1/4	2,871.58	1/4	2,687.37
3/8	4,334.15	3/8	4,150.62	3/8	3,970.09	3/8	3,788.82	3/8	3,604.60	3/8	3,420.39	3/8	3,236.17	3/8	3,051.96	3/8	2,867.74	3/8	2,683.53
1/2	4,330.30	1/2	4,146.86	1/2	3,966.33	1/2	3,784.98	1/2	3,600.76	1/2	3,416.55	1/2	3,232.34	1/2	3,048.12	1/2	2,863.91	1/2	2,679.69
5/8	4,326.46	5/8	4,143.10	5/8	3,962.57	5/8	3,781.14	5/8	3,596.93	5/8	3,412.71	5/8	3,228.50	5/8	3,044.28	5/8	2,860.07	5/8	2,675.85
3/4	4,322.61	3/4	4,139.34	3/4	3,958.81	3/4	3,777.30	3/4	3,593.09	3/4	3,408.87	3/4	3,224.66	3/4	3,040.45	3/4	2,856.23	3/4	2,672.02
7/8	4,318.77	7/8	4,135.58	7/8	3,955.06	7/8	3,773.47	7/8	3,589.25	7/8	3,405.04	7/8	3,220.82	7/8	3,036.61	7/8	2,852.39	7/8	2,668.18

GAUGE LOCATED 24'-6 3/4" FORWARD OF AFT BULKHEAD, AND 16'-7 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

2 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 1/2"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,664.34	6	2,480.13	0	2,295.91	6	2,111.70	0	1,927.48	6	1,743.27	0	1,559.05	6	1,374.84	0	1,191.33	6	1,009.65
1/8	2,660.50	1/8	2,476.29	1/8	2,292.07	1/8	2,107.86	1/8	1,923.65	1/8	1,739.43	1/8	1,555.22	1/8	1,371.00	1/8	1,187.54	1/8	1,005.87
1/4	2,656.67	1/4	2,472.45	1/4	2,288.24	1/4	2,104.02	1/4	1,919.81	1/4	1,735.59	1/4	1,551.38	1/4	1,367.16	1/4	1,183.75	1/4	1,002.08
3/8	2,652.83	3/8	2,468.61	3/8	2,284.40	3/8	2,100.18	3/8	1,915.97	3/8	1,731.76	3/8	1,547.54	3/8	1,363.33	3/8	1,179.96	3/8	998.30
1/2	2,648.99	1/2	2,464.78	1/2	2,280.56	1/2	2,096.35	1/2	1,912.13	1/2	1,727.92	1/2	1,543.70	1/2	1,359.49	1/2	1,176.18	1/2	994.51
5/8	2,645.15	5/8	2,460.94	5/8	2,276.72	5/8	2,092.51	5/8	1,908.29	5/8	1,724.08	5/8	1,539.87	5/8	1,355.65	5/8	1,172.39	5/8	990.73
3/4	2,641.31	3/4	2,457.10	3/4	2,272.89	3/4	2,088.67	3/4	1,904.46	3/4	1,720.24	3/4	1,536.03	3/4	1,351.81	3/4	1,168.60	3/4	986.94
7/8	2,637.48	7/8	2,453.26	7/8	2,269.05	7/8	2,084.83	7/8	1,900.62	7/8	1,716.40	7/8	1,532.19	7/8	1,347.98	7/8	1,164.82	7/8	983.16
1	2,633.64	7	2,449.42	1	2,265.21	7	2,081.00	1	1,896.78	7	1,712.57	1	1,528.35	7	1,344.14	1	1,161.03	7	979.37
1/8	2,629.80	1/8	2,445.59	1/8	2,261.37	1/8	2,077.16	1/8	1,892.94	1/8	1,708.73	1/8	1,524.51	1/8	1,340.30	1/8	1,157.25	1/8	975.59
1/4	2,625.96	1/4	2,441.75	1/4	2,257.53	1/4	2,073.32	1/4	1,889.11	1/4	1,704.89	1/4	1,520.68	1/4	1,336.46	1/4	1,153.46	1/4	971.80
3/8	2,622.13	3/8	2,437.91	3/8	2,253.70	3/8	2,069.48	3/8	1,885.27	3/8	1,701.05	3/8	1,516.84	3/8	1,332.62	3/8	1,149.68	3/8	968.02
1/2	2,618.29	1/2	2,434.07	1/2	2,249.86	1/2	2,065.64	1/2	1,881.43	1/2	1,697.22	1/2	1,513.00	1/2	1,328.79	1/2	1,145.89	1/2	964.24
5/8	2,614.45	5/8	2,430.24	5/8	2,246.02	5/8	2,061.81	5/8	1,877.59	5/8	1,693.38	5/8	1,509.16	5/8	1,324.95	5/8	1,142.11	5/8	960.45
3/4	2,610.61	3/4	2,426.40	3/4	2,242.18	3/4	2,057.97	3/4	1,873.75	3/4	1,689.54	3/4	1,505.33	3/4	1,321.11	3/4	1,138.32	3/4	956.67
7/8	2,606.77	7/8	2,422.56	7/8	2,238.35	7/8	2,054.13	7/8	1,869.92	7/8	1,685.70	7/8	1,501.49	7/8	1,317.27	7/8	1,134.54	7/8	952.88
2	2,602.94	8	2,418.72	2	2,234.51	8	2,050.29	2	1,866.08	8	1,681.86	2	1,497.65	8	1,313.44	2	1,130.75	8	949.10
1/8	2,599.10	1/8	2,414.88	1/8	2,230.67	1/8	2,046.46	1/8	1,862.24	1/8	1,678.03	1/8	1,493.81	1/8	1,309.60	1/8	1,126.97	1/8	945.31
1/4	2,595.26	1/4	2,411.05	1/4	2,226.83	1/4	2,042.62	1/4	1,858.40	1/4	1,674.19	1/4	1,489.97	1/4	1,305.76	1/4	1,123.18	1/4	941.53
3/8	2,591.42	3/8	2,407.21	3/8	2,222.99	3/8	2,038.78	3/8	1,854.57	3/8	1,670.35	3/8	1,486.14	3/8	1,301.92	3/8	1,119.40	3/8	937.74
1/2	2,587.59	1/2	2,403.37	1/2	2,219.16	1/2	2,034.94	1/2	1,850.73	1/2	1,666.51	1/2	1,482.30	1/2	1,298.08	1/2	1,115.62	1/2	933.96
5/8	2,583.75	5/8	2,399.53	5/8	2,215.32	5/8	2,031.10	5/8	1,846.89	5/8	1,662.68	5/8	1,478.46	5/8	1,294.25	5/8	1,111.83	5/8	930.18
3/4	2,579.91	3/4	2,395.70	3/4	2,211.48	3/4	2,027.27	3/4	1,843.05	3/4	1,658.84	3/4	1,474.62	3/4	1,290.41	3/4	1,108.05	3/4	926.39
7/8	2,576.07	7/8	2,391.86	7/8	2,207.64	7/8	2,023.43	7/8	1,839.21	7/8	1,655.00	7/8	1,470.79	7/8	1,286.57	7/8	1,104.26	7/8	922.61
3	2,572.23	9	2,388.02	3	2,203.81	9	2,019.59	3	1,835.38	9	1,651.16	3	1,466.95	9	1,282.74	3	1,100.48	9	918.82
1/8	2,568.40	1/8	2,384.18	1/8	2,199.97	1/8	2,015.75	1/8	1,831.54	1/8	1,647.32	1/8	1,463.11	1/8	1,278.90	1/8	1,096.69	1/8	915.04
1/4	2,564.56	1/4	2,380.34	1/4	2,196.13	1/4	2,011.92	1/4	1,827.70	1/4	1,643.49	1/4	1,459.27	1/4	1,275.06	1/4	1,092.91	1/4	911.25
3/8	2,560.72	3/8	2,376.51	3/8	2,192.29	3/8	2,008.08	3/8	1,823.86	3/8	1,639.65	3/8	1,455.43	3/8	1,271.23	3/8	1,089.12	3/8	907.47
1/2	2,556.88	1/2	2,372.67	1/2	2,188.45	1/2	2,004.24	1/2	1,820.03	1/2	1,635.81	1/2	1,451.60	1/2	1,267.39	1/2	1,085.34	1/2	903.68
5/8	2,553.05	5/8	2,368.83	5/8	2,184.62	5/8	2,000.40	5/8	1,816.19	5/8	1,631.97	5/8	1,447.76	5/8	1,263.57	5/8	1,081.56	5/8	899.90
3/4	2,549.21	3/4	2,364.99	3/4	2,180.78	3/4	1,996.56	3/4	1,812.35	3/4	1,628.14	3/4	1,443.92	3/4	1,259.75	3/4	1,077.77	3/4	896.11
7/8	2,545.37	7/8	2,361.16	7/8	2,176.94	7/8	1,992.73	7/8	1,808.51	7/8	1,624.30	7/8	1,440.08	7/8	1,255.94	7/8	1,073.99	7/8	892.33
4	2,541.53	10	2,357.32	4	2,173.10	10	1,988.89	4	1,804.67	10	1,620.46	4	1,436.25	10	1,252.12	4	1,070.20	10	888.54
1/8	2,537.69	1/8	2,353.48	1/8	2,169.27	1/8	1,985.05	1/8	1,800.84	1/8	1,616.62	1/8	1,432.41	1/8	1,248.30	1/8	1,066.42	1/8	884.76
1/4	2,533.86	1/4	2,349.64	1/4	2,165.43	1/4	1,981.21	1/4	1,797.00	1/4	1,612.78	1/4	1,428.57	1/4	1,244.48	1/4	1,062.63	1/4	880.98
3/8	2,530.02	3/8	2,345.80	3/8	2,161.59	3/8	1,977.38	3/8	1,793.16	3/8	1,608.95	3/8	1,424.73	3/8	1,240.66	3/8	1,058.85	3/8	877.19
1/2	2,526.18	1/2	2,341.97	1/2	2,157.75	1/2	1,973.54	1/2	1,789.32	1/2	1,605.11	1/2	1,420.89	1/2	1,236.84	1/2	1,055.06	1/2	873.41
5/8	2,522.34	5/8	2,338.13	5/8	2,153.91	5/8	1,969.70	5/8	1,785.49	5/8	1,601.27	5/8	1,417.06	5/8	1,233.05	5/8	1,051.28	5/8	869.62
3/4	2,518.50	3/4	2,334.29	3/4	2,150.08	3/4	1,965.86	3/4	1,781.65	3/4	1,597.43	3/4	1,413.22	3/4	1,229.25	3/4	1,047.49	3/4	865.83
7/8	2,514.67	7/8	2,330.45	7/8	2,146.24	7/8	1,962.02	7/8	1,777.81	7/8	1,593.60	7/8	1,409.38	7/8	1,225.46	7/8	1,043.71	7/8	862.05
5	2,510.83	11	2,326.61	5	2,142.40	11	1,958.19	5	1,773.97	11	1,589.76	5	1,405.54	11	1,221.66	5	1,039.93	11	858.26
1/8	2,506.99	1/8	2,322.78	1/8	2,138.56	1/8	1,954.35	1/8	1,770.13	1/8	1,585.92	1/8	1,401.71	1/8	1,217.87	1/8	1,036.14	1/8	854.47
1/4	2,503.15	1/4	2,318.94	1/4	2,134.72	1/4	1,950.51	1/4	1,766.30	1/4	1,582.08	1/4	1,397.87	1/4	1,214.07	1/4	1,032.36	1/4	850.69
3/8	2,499.32	3/8	2,315.10	3/8	2,130.89	3/8	1,946.67	3/8	1,762.46	3/8	1,578.24	3/8	1,394.03	3/8	1,210.27	3/8	1,028.57	3/8	846.90
1/2	2,495.48	1/2	2,311.26	1/2	2,127.05	1/2	1,942.83	1/2	1,758.62	1/2	1,574.41	1/2	1,390.19	1/2	1,206.48	1/2	1,024.79	1/2	843.11
5/8	2,491.64	5/8	2,307.43	5/8	2,123.21	5/8	1,939.00	5/8	1,754.78	5/8	1,570.57	5/8	1,386.35	5/8	1,202.69	5/8	1,021.00	5/8	839.32
3/4	2,487.80	3/4	2,303.59	3/4	2,119.37	3/4	1,935.16	3/4	1,750.94	3/4	1,566.73	3/4	1,382.52	3/4	1,198.90	3/4	1,017.22	3/4	835.53
7/8	2,483.96	7/8	2,299.75	7/8	2,115.54	7/8	1,931.32	7/8	1,747.11	7/8	1,562.89	7/8	1,378.68	7/8	1,195.12	7/8	1,013.43	7/8	831.74

GAUGE LOCATED 24'-6 3/4" FORWARD OF AFT BULKHEAD, AND 16'-7 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 1/2"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	827.96	6	644.29	0	460.07	6	275.96	0	93.02
1/8	824.17	1/8	640.45	1/8	456.24	1/8	272.13	1/8	89.38
1/4	820.38	1/4	636.61	1/4	452.40	1/4	268.30	1/4	85.74
3/8	816.59	3/8	632.78	3/8	448.56	3/8	264.47	3/8	82.10
1/2	812.80	1/2	628.94	1/2	444.72	1/2	260.64	1/2	78.47
5/8	809.00	5/8	625.10	5/8	440.89	5/8	256.82	5/8	75.26
3/4	805.19	3/4	621.26	3/4	437.05	3/4	252.99	3/4	72.05
7/8	801.39	7/8	617.42	7/8	433.21	7/8	249.16	7/8	68.84
1	797.59	7	613.59	1	429.37	7	245.33	1	65.63
1/8	793.78	1/8	609.75	1/8	425.53	1/8	241.51	1/8	62.42
1/4	789.98	1/4	605.91	1/4	421.70	1/4	237.68	1/4	59.21
3/8	786.18	3/8	602.07	3/8	417.86	3/8	233.85	3/8	56.00
1/2	782.37	1/2	598.23	1/2	414.02	1/2	230.02	1/2	52.79
5/8	778.54	5/8	594.40	5/8	410.18	5/8	226.20	5/8	50.14
3/4	774.72	3/4	590.56	3/4	406.34	3/4	222.37	3/4	47.49
7/8	770.89	7/8	586.72	7/8	402.51	7/8	218.54	7/8	44.84
2	767.06	8	582.88	2	398.67	8	214.71	2	42.19
1/8	763.23	1/8	579.05	1/8	394.83	1/8	210.88	1/8	39.54
1/4	759.40	1/4	575.21	1/4	390.99	1/4	207.06	1/4	36.89
3/8	755.58	3/8	571.37	3/8	387.16	3/8	203.23	3/8	34.24
1/2	751.75	1/2	567.53	1/2	383.32	1/2	199.40	1/2	31.59
5/8	747.91	5/8	563.69	5/8	379.48	5/8	195.57		
3/4	744.07	3/4	559.86	3/4	375.64	3/4	191.75		
7/8	740.23	7/8	556.02	7/8	371.80	7/8	187.92		
3	736.40	9	552.18	3	367.97	9	184.09		
1/8	732.56	1/8	548.34	1/8	364.13	1/8	180.26		
1/4	728.72	1/4	544.51	1/4	360.29	1/4	176.44		
3/8	724.88	3/8	540.67	3/8	356.45	3/8	172.61		
1/2	721.04	1/2	536.83	1/2	352.62	1/2	168.78		
5/8	717.21	5/8	532.99	5/8	348.78	5/8	164.95		
3/4	713.37	3/4	529.15	3/4	344.94	3/4	161.12		
7/8	709.53	7/8	525.32	7/8	341.10	7/8	157.30		
4	705.69	10	521.48	4	337.27	10	153.47		
1/8	701.86	1/8	517.64	1/8	333.43	1/8	149.64		
1/4	698.02	1/4	513.80	1/4	329.59	1/4	145.81		
3/8	694.18	3/8	509.97	3/8	325.75	3/8	141.98		
1/2	690.34	1/2	506.13	1/2	321.92	1/2	138.15		
5/8	686.50	5/8	502.29	5/8	318.09	5/8	134.33		
3/4	682.67	3/4	498.45	3/4	314.25	3/4	130.51		
7/8	678.83	7/8	494.61	7/8	310.42	7/8	126.69		
5	674.99	11	490.78	5	306.59	11	122.86		
1/8	671.15	1/8	486.94	1/8	302.76	1/8	119.04		
1/4	667.32	1/4	483.10	1/4	298.93	1/4	115.22		
3/8	663.48	3/8	479.26	3/8	295.10	3/8	111.40		
1/2	659.64	1/2	475.43	1/2	291.27	1/2	107.57		
5/8	655.80	5/8	471.59	5/8	287.44	5/8	103.94		
3/4	651.96	3/4	467.75	3/4	283.61	3/4	100.30		
7/8	648.13	7/8	463.91	7/8	279.78	7/8	96.66		

GAUGE LOCATED 24'-6 3/4" FORWARD OF AFT BULKHEAD, AND 16'-7 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

2 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6		0		6		0		6		0		6		0		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,937.87
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,936.08
1		7		1		7		1		7		1		7		1		7	11,934.30
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,932.52
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,930.73
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,928.95
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,927.17
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,925.38
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,923.60
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,921.52
2		8		2		8		2		8		2		8		2		8	11,919.44
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,917.35
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,915.27
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,913.19
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,911.11
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,909.03
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,906.95
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,904.58
3		9		3		9		3		9		3		9		3		9	11,902.22
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,899.86
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,897.50
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,895.14
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,892.77
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,890.41
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,888.05
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,885.42
4		10		4		10		4		10		4		10		4		10	11,882.79
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,880.16
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,877.53
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,874.90
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,872.26
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,869.63
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,867.00
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,864.10
5		11		5		11		5		11		5		11		5		11	11,861.20
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,858.30
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,855.40
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,852.50
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,849.60
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,846.70
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,843.80
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,840.60

GAUGE LOCATED 24'-1" FORWARD OF AFT BULKHEAD, AND 18'-6 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 STAR
ULLAGE TABLE**

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	11,837.41	6	11,661.10	0	11,476.88	6	11,292.65	0	11,108.42	6	10,924.19	0	10,739.96	6	10,555.73	0	10,371.50	6	10,187.27
1/8	11,834.22	1/8	11,657.27	1/8	11,473.04	1/8	11,288.81	1/8	11,104.58	1/8	10,920.35	1/8	10,736.12	1/8	10,551.89	1/8	10,367.66	1/8	10,183.44
1/4	11,831.02	1/4	11,653.43	1/4	11,469.20	1/4	11,284.97	1/4	11,100.74	1/4	10,916.51	1/4	10,732.28	1/4	10,548.05	1/4	10,363.83	1/4	10,179.60
3/8	11,827.83	3/8	11,649.59	3/8	11,465.36	3/8	11,281.13	3/8	11,096.90	3/8	10,912.67	3/8	10,728.45	3/8	10,544.22	3/8	10,359.99	3/8	10,175.76
1/2	11,824.63	1/2	11,645.75	1/2	11,461.52	1/2	11,277.29	1/2	11,093.07	1/2	10,908.84	1/2	10,724.61	1/2	10,540.38	1/2	10,356.15	1/2	10,171.92
5/8	11,821.44	5/8	11,641.91	5/8	11,457.68	5/8	11,273.46	5/8	11,089.23	5/8	10,905.00	5/8	10,720.77	5/8	10,536.54	5/8	10,352.31	5/8	10,168.08
3/4	11,818.25	3/4	11,638.08	3/4	11,453.85	3/4	11,269.62	3/4	11,085.39	3/4	10,901.16	3/4	10,716.93	3/4	10,532.70	3/4	10,348.47	3/4	10,164.24
7/8	11,814.76	7/8	11,634.24	7/8	11,450.01	7/8	11,265.78	7/8	11,081.55	7/8	10,897.32	7/8	10,713.09	7/8	10,528.86	7/8	10,344.64	7/8	10,160.41
1	11,811.26	7	11,630.40	1	11,446.17	7	11,261.94	1	11,077.71	7	10,893.48	1	10,709.26	7	10,525.03	1	10,340.80	7	10,156.57
1/8	11,807.77	1/8	11,626.56	1/8	11,442.33	1/8	11,258.10	1/8	11,073.87	1/8	10,889.65	1/8	10,705.42	1/8	10,521.19	1/8	10,336.96	1/8	10,152.73
1/4	11,804.28	1/4	11,622.72	1/4	11,438.49	1/4	11,254.27	1/4	11,070.04	1/4	10,885.81	1/4	10,701.58	1/4	10,517.35	1/4	10,333.12	1/4	10,148.89
3/8	11,800.79	3/8	11,618.88	3/8	11,434.66	3/8	11,250.43	3/8	11,066.20	3/8	10,881.97	3/8	10,697.74	3/8	10,513.51	3/8	10,329.28	3/8	10,145.05
1/2	11,797.30	1/2	11,615.05	1/2	11,430.82	1/2	11,246.59	1/2	11,062.36	1/2	10,878.13	1/2	10,693.90	1/2	10,509.67	1/2	10,325.45	1/2	10,141.22
5/8	11,793.81	5/8	11,611.21	5/8	11,426.98	5/8	11,242.75	5/8	11,058.52	5/8	10,874.29	5/8	10,690.06	5/8	10,505.84	5/8	10,321.61	5/8	10,137.38
3/4	11,790.32	3/4	11,607.37	3/4	11,423.14	3/4	11,238.91	3/4	11,054.68	3/4	10,870.46	3/4	10,686.23	3/4	10,502.00	3/4	10,317.77	3/4	10,133.54
7/8	11,786.60	7/8	11,603.53	7/8	11,419.30	7/8	11,235.07	7/8	11,050.85	7/8	10,866.62	7/8	10,682.39	7/8	10,498.16	7/8	10,313.93	7/8	10,129.70
2	11,782.89	8	11,599.69	2	11,415.47	8	11,231.24	2	11,047.01	8	10,862.78	2	10,678.55	8	10,494.32	2	10,310.09	8	10,125.86
1/8	11,779.18	1/8	11,595.86	1/8	11,411.63	1/8	11,227.40	1/8	11,043.17	1/8	10,858.94	1/8	10,674.71	1/8	10,490.48	1/8	10,306.25	1/8	10,122.03
1/4	11,775.47	1/4	11,592.02	1/4	11,407.79	1/4	11,223.56	1/4	11,039.33	1/4	10,855.10	1/4	10,670.87	1/4	10,486.65	1/4	10,302.42	1/4	10,118.19
3/8	11,771.76	3/8	11,588.18	3/8	11,403.95	3/8	11,219.72	3/8	11,035.49	3/8	10,851.26	3/8	10,667.04	3/8	10,482.81	3/8	10,298.58	3/8	10,114.35
1/2	11,768.05	1/2	11,584.34	1/2	11,400.11	1/2	11,215.88	1/2	11,031.66	1/2	10,847.43	1/2	10,663.20	1/2	10,478.97	1/2	10,294.74	1/2	10,110.51
5/8	11,764.33	5/8	11,580.50	5/8	11,396.28	5/8	11,212.05	5/8	11,027.82	5/8	10,843.59	5/8	10,659.36	5/8	10,475.13	5/8	10,290.90	5/8	10,106.67
3/4	11,760.62	3/4	11,576.67	3/4	11,392.44	3/4	11,208.21	3/4	11,023.98	3/4	10,839.75	3/4	10,655.52	3/4	10,471.29	3/4	10,287.06	3/4	10,102.84
7/8	11,756.81	7/8	11,572.83	7/8	11,388.60	7/8	11,204.37	7/8	11,020.14	7/8	10,835.91	7/8	10,651.68	7/8	10,467.45	7/8	10,283.23	7/8	10,099.00
3	11,753.00	9	11,568.99	3	11,384.76	9	11,200.53	3	11,016.30	9	10,832.07	3	10,647.85	9	10,463.62	3	10,279.39	9	10,095.16
1/8	11,749.19	1/8	11,565.15	1/8	11,380.92	1/8	11,196.69	1/8	11,012.47	1/8	10,828.24	1/8	10,644.01	1/8	10,459.78	1/8	10,275.55	1/8	10,091.32
1/4	11,745.38	1/4	11,561.31	1/4	11,377.08	1/4	11,192.86	1/4	11,008.63	1/4	10,824.40	1/4	10,640.17	1/4	10,455.94	1/4	10,271.71	1/4	10,087.48
3/8	11,741.56	3/8	11,557.48	3/8	11,373.25	3/8	11,189.02	3/8	11,004.79	3/8	10,820.56	3/8	10,636.33	3/8	10,452.10	3/8	10,267.87	3/8	10,083.64
1/2	11,737.75	1/2	11,553.64	1/2	11,369.41	1/2	11,185.18	1/2	11,000.95	1/2	10,816.72	1/2	10,632.49	1/2	10,448.26	1/2	10,264.04	1/2	10,079.81
5/8	11,733.94	5/8	11,549.80	5/8	11,365.57	5/8	11,181.34	5/8	10,997.11	5/8	10,812.88	5/8	10,628.66	5/8	10,444.43	5/8	10,260.20	5/8	10,075.97
3/4	11,730.13	3/4	11,545.96	3/4	11,361.73	3/4	11,177.50	3/4	10,993.27	3/4	10,809.05	3/4	10,624.82	3/4	10,440.59	3/4	10,256.36	3/4	10,072.13
7/8	11,726.30	7/8	11,542.12	7/8	11,357.89	7/8	11,173.67	7/8	10,989.44	7/8	10,805.21	7/8	10,620.98	7/8	10,436.75	7/8	10,252.52	7/8	10,068.29
4	11,722.47	10	11,538.28	4	11,354.06	10	11,169.83	4	10,985.60	10	10,801.37	4	10,617.14	10	10,432.91	4	10,248.68	10	10,064.45
1/8	11,718.64	1/8	11,534.45	1/8	11,350.22	1/8	11,165.99	1/8	10,981.76	1/8	10,797.53	1/8	10,613.30	1/8	10,429.07	1/8	10,244.85	1/8	10,060.62
1/4	11,714.81	1/4	11,530.61	1/4	11,346.38	1/4	11,162.15	1/4	10,977.92	1/4	10,793.69	1/4	10,609.46	1/4	10,425.24	1/4	10,241.01	1/4	10,056.78
3/8	11,710.98	3/8	11,526.77	3/8	11,342.54	3/8	11,158.31	3/8	10,974.08	3/8	10,789.86	3/8	10,605.63	3/8	10,421.40	3/8	10,237.17	3/8	10,052.94
1/2	11,707.15	1/2	11,522.93	1/2	11,338.70	1/2	11,154.47	1/2	10,970.25	1/2	10,786.02	1/2	10,601.79	1/2	10,417.56	1/2	10,233.33	1/2	10,049.10
5/8	11,703.32	5/8	11,519.09	5/8	11,334.87	5/8	11,150.64	5/8	10,966.41	5/8	10,782.18	5/8	10,597.95	5/8	10,413.72	5/8	10,229.49	5/8	10,045.26
3/4	11,699.49	3/4	11,515.26	3/4	11,331.03	3/4	11,146.80	3/4	10,962.57	3/4	10,778.34	3/4	10,594.11	3/4	10,409.88	3/4	10,225.65	3/4	10,041.43
7/8	11,695.65	7/8	11,511.42	7/8	11,327.19	7/8	11,142.96	7/8	10,958.73	7/8	10,774.50	7/8	10,590.27	7/8	10,406.05	7/8	10,221.82	7/8	10,037.59
5	11,691.81	11	11,507.58	5	11,323.35	11	11,139.12	5	10,954.89	11	10,770.66	5	10,586.44	11	10,402.21	5	10,217.98	11	10,033.75
1/8	11,687.97	1/8	11,503.74	1/8	11,319.51	1/8	11,135.28	1/8	10,951.06	1/8	10,766.83	1/8	10,582.60	1/8	10,398.37	1/8	10,214.14	1/8	10,029.91
1/4	11,684.13	1/4	11,499.90	1/4	11,315.67	1/4	11,131.45	1/4	10,947.22	1/4	10,762.99	1/4	10,578.76	1/4	10,394.53	1/4	10,210.30	1/4	10,026.07
3/8	11,680.29	3/8	11,496.07	3/8	11,311.84	3/8	11,127.61	3/8	10,943.38	3/8	10,759.15	3/8	10,574.92	3/8	10,390.69	3/8	10,206.46	3/8	10,022.24
1/2	11,676.46	1/2	11,492.23	1/2	11,308.00	1/2	11,123.77	1/2	10,939.54	1/2	10,755.31	1/2	10,571.08	1/2	10,386.85	1/2	10,202.63	1/2	10,018.40
5/8	11,672.62	5/8	11,488.39	5/8	11,304.16	5/8	11,119.93	5/8	10,935.70	5/8	10,751.47	5/8	10,567.25	5/8	10,383.02	5/8	10,198.79	5/8	10,014.56
3/4	11,668.78	3/4	11,484.55	3/4	11,300.32	3/4	11,116.09	3/4	10,931.86	3/4	10,747.64	3/4	10,563.41	3/4	10,379.18	3/4	10,194.95	3/4	10,010.72
7/8	11,664.94	7/8	11,480.71	7/8	11,296.48	7/8	11,112.26	7/8	10,928.03	7/8	10,743.80	7/8	10,559.57	7/8	10,375.34	7/8	10,191.11	7/8	10,006.88

GAUGE LOCATED 24'-1" FORWARD OF AFT BULKHEAD, AND 18'-6 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 STAR
ULLAGE TABLE**

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	10,003.04	6	9,818.82	0	9,634.59	6	9,450.36	0	9,266.13	6	9,081.90	0	8,897.67	6	8,713.44	0	8,529.21	6	8,344.99
1/8	9,999.21	1/8	9,814.98	1/8	9,630.75	1/8	9,446.52	1/8	9,262.29	1/8	9,078.06	1/8	8,893.83	1/8	8,709.61	1/8	8,525.38	1/8	8,341.15
1/4	9,995.37	1/4	9,811.14	1/4	9,626.91	1/4	9,442.68	1/4	9,258.45	1/4	9,074.22	1/4	8,890.00	1/4	8,705.77	1/4	8,521.54	1/4	8,337.31
3/8	9,991.53	3/8	9,807.30	3/8	9,623.07	3/8	9,438.84	3/8	9,254.62	3/8	9,070.39	3/8	8,886.16	3/8	8,701.93	3/8	8,517.70	3/8	8,333.47
1/2	9,987.69	1/2	9,803.46	1/2	9,619.23	1/2	9,435.01	1/2	9,250.78	1/2	9,066.55	1/2	8,882.32	1/2	8,698.09	1/2	8,513.86	1/2	8,329.63
5/8	9,983.85	5/8	9,799.63	5/8	9,615.40	5/8	9,431.17	5/8	9,246.94	5/8	9,062.71	5/8	8,878.48	5/8	8,694.25	5/8	8,510.02	5/8	8,325.80
3/4	9,980.02	3/4	9,795.79	3/4	9,611.56	3/4	9,427.33	3/4	9,243.10	3/4	9,058.87	3/4	8,874.64	3/4	8,690.41	3/4	8,506.19	3/4	8,321.96
7/8	9,976.18	7/8	9,791.95	7/8	9,607.72	7/8	9,423.49	7/8	9,239.26	7/8	9,055.03	7/8	8,870.81	7/8	8,686.58	7/8	8,502.35	7/8	8,318.12
1	9,972.34	7	9,788.11	1	9,603.88	7	9,419.65	1	9,235.42	7	9,051.20	1	8,866.97	7	8,682.74	1	8,498.51	7	8,314.28
1/8	9,968.50	1/8	9,784.27	1/8	9,600.04	1/8	9,415.82	1/8	9,231.59	1/8	9,047.36	1/8	8,863.13	1/8	8,678.90	1/8	8,494.67	1/8	8,310.44
1/4	9,964.66	1/4	9,780.43	1/4	9,596.21	1/4	9,411.98	1/4	9,227.75	1/4	9,043.52	1/4	8,859.29	1/4	8,675.06	1/4	8,490.83	1/4	8,306.60
3/8	9,960.83	3/8	9,776.60	3/8	9,592.37	3/8	9,408.14	3/8	9,223.91	3/8	9,039.68	3/8	8,855.45	3/8	8,671.22	3/8	8,487.00	3/8	8,302.77
1/2	9,956.99	1/2	9,772.76	1/2	9,588.53	1/2	9,404.30	1/2	9,220.07	1/2	9,035.84	1/2	8,851.61	1/2	8,667.39	1/2	8,483.16	1/2	8,298.93
5/8	9,953.15	5/8	9,768.92	5/8	9,584.69	5/8	9,400.46	5/8	9,216.23	5/8	9,032.01	5/8	8,847.78	5/8	8,663.55	5/8	8,479.32	5/8	8,295.09
3/4	9,949.31	3/4	9,765.08	3/4	9,580.85	3/4	9,396.62	3/4	9,212.40	3/4	9,028.17	3/4	8,843.94	3/4	8,659.71	3/4	8,475.48	3/4	8,291.25
7/8	9,945.47	7/8	9,761.24	7/8	9,577.02	7/8	9,392.79	7/8	9,208.56	7/8	9,024.33	7/8	8,840.10	7/8	8,655.87	7/8	8,471.64	7/8	8,287.41
2	9,941.64	8	9,757.41	2	9,573.18	8	9,388.95	2	9,204.72	8	9,020.49	2	8,836.26	8	8,652.03	2	8,467.80	8	8,283.58
1/8	9,937.80	1/8	9,753.57	1/8	9,569.34	1/8	9,385.11	1/8	9,200.88	1/8	9,016.65	1/8	8,832.42	1/8	8,648.20	1/8	8,463.97	1/8	8,279.74
1/4	9,933.96	1/4	9,749.73	1/4	9,565.50	1/4	9,381.27	1/4	9,197.04	1/4	9,012.81	1/4	8,828.59	1/4	8,644.36	1/4	8,460.13	1/4	8,275.90
3/8	9,930.12	3/8	9,745.89	3/8	9,561.66	3/8	9,377.43	3/8	9,193.21	3/8	9,008.98	3/8	8,824.75	3/8	8,640.52	3/8	8,456.29	3/8	8,272.06
1/2	9,926.28	1/2	9,742.05	1/2	9,557.83	1/2	9,373.60	1/2	9,189.37	1/2	9,005.14	1/2	8,820.91	1/2	8,636.68	1/2	8,452.45	1/2	8,268.22
5/8	9,922.44	5/8	9,738.22	5/8	9,553.99	5/8	9,369.76	5/8	9,185.53	5/8	9,001.30	5/8	8,817.07	5/8	8,632.84	5/8	8,448.61	5/8	8,264.39
3/4	9,918.61	3/4	9,734.38	3/4	9,550.15	3/4	9,365.92	3/4	9,181.69	3/4	8,997.46	3/4	8,813.23	3/4	8,629.00	3/4	8,444.78	3/4	8,260.55
7/8	9,914.77	7/8	9,730.54	7/8	9,546.31	7/8	9,362.08	7/8	9,177.85	7/8	8,993.62	7/8	8,809.40	7/8	8,625.17	7/8	8,440.94	7/8	8,256.71
3	9,910.93	9	9,726.70	3	9,542.47	9	9,358.24	3	9,174.02	9	8,989.79	3	8,805.56	9	8,621.33	3	8,437.10	9	8,252.87
1/8	9,907.09	1/8	9,722.86	1/8	9,538.63	1/8	9,354.41	1/8	9,170.18	1/8	8,985.95	1/8	8,801.72	1/8	8,617.49	1/8	8,433.26	1/8	8,249.03
1/4	9,903.25	1/4	9,719.03	1/4	9,534.80	1/4	9,350.57	1/4	9,166.34	1/4	8,982.11	1/4	8,797.88	1/4	8,613.65	1/4	8,429.42	1/4	8,245.19
3/8	9,899.42	3/8	9,715.19	3/8	9,530.96	3/8	9,346.73	3/8	9,162.50	3/8	8,978.27	3/8	8,794.04	3/8	8,609.81	3/8	8,425.59	3/8	8,241.36
1/2	9,895.58	1/2	9,711.35	1/2	9,527.12	1/2	9,342.89	1/2	9,158.66	1/2	8,974.43	1/2	8,790.21	1/2	8,605.98	1/2	8,421.75	1/2	8,237.52
5/8	9,891.74	5/8	9,707.51	5/8	9,523.28	5/8	9,339.05	5/8	9,154.82	5/8	8,970.60	5/8	8,786.37	5/8	8,602.14	5/8	8,417.91	5/8	8,233.68
3/4	9,887.90	3/4	9,703.67	3/4	9,519.44	3/4	9,335.22	3/4	9,150.99	3/4	8,966.76	3/4	8,782.53	3/4	8,598.30	3/4	8,414.07	3/4	8,229.84
7/8	9,884.06	7/8	9,699.83	7/8	9,515.61	7/8	9,331.38	7/8	9,147.15	7/8	8,962.92	7/8	8,778.69	7/8	8,594.46	7/8	8,410.23	7/8	8,226.00
4	9,880.23	10	9,696.00	4	9,511.77	10	9,327.54	4	9,143.31	10	8,959.08	4	8,774.85	10	8,590.62	4	8,406.40	10	8,222.17
1/8	9,876.39	1/8	9,692.16	1/8	9,507.93	1/8	9,323.70	1/8	9,139.47	1/8	8,955.24	1/8	8,771.01	1/8	8,586.79	1/8	8,402.56	1/8	8,218.33
1/4	9,872.55	1/4	9,688.32	1/4	9,504.09	1/4	9,319.86	1/4	9,135.63	1/4	8,951.41	1/4	8,767.18	1/4	8,582.95	1/4	8,398.72	1/4	8,214.49
3/8	9,868.71	3/8	9,684.48	3/8	9,500.25	3/8	9,316.02	3/8	9,131.80	3/8	8,947.57	3/8	8,763.34	3/8	8,579.11	3/8	8,394.88	3/8	8,210.65
1/2	9,864.87	1/2	9,680.64	1/2	9,496.42	1/2	9,312.19	1/2	9,127.96	1/2	8,943.73	1/2	8,759.50	1/2	8,575.27	1/2	8,391.04	1/2	8,206.81
5/8	9,861.04	5/8	9,676.81	5/8	9,492.58	5/8	9,308.35	5/8	9,124.12	5/8	8,939.89	5/8	8,755.66	5/8	8,571.43	5/8	8,387.20	5/8	8,202.98
3/4	9,857.20	3/4	9,672.97	3/4	9,488.74	3/4	9,304.51	3/4	9,120.28	3/4	8,936.05	3/4	8,751.82	3/4	8,567.60	3/4	8,383.37	3/4	8,199.14
7/8	9,853.36	7/8	9,669.13	7/8	9,484.90	7/8	9,300.67	7/8	9,116.44	7/8	8,932.21	7/8	8,747.99	7/8	8,563.76	7/8	8,379.53	7/8	8,195.30
5	9,849.52	11	9,665.29	5	9,481.06	11	9,296.83	5	9,112.61	11	8,928.38	5	8,744.15	11	8,559.92	5	8,375.69	11	8,191.46
1/8	9,845.68	1/8	9,661.45	1/8	9,477.23	1/8	9,293.00	1/8	9,108.77	1/8	8,924.54	1/8	8,740.31	1/8	8,556.08	1/8	8,371.85	1/8	8,187.62
1/4	9,841.84	1/4	9,657.62	1/4	9,473.39	1/4	9,289.16	1/4	9,104.93	1/4	8,920.70	1/4	8,736.47	1/4	8,552.24	1/4	8,368.01	1/4	8,183.79
3/8	9,838.01	3/8	9,653.78	3/8	9,469.55	3/8	9,285.32	3/8	9,101.09	3/8	8,916.86	3/8	8,732.63	3/8	8,548.40	3/8	8,364.18	3/8	8,179.95
1/2	9,834.17	1/2	9,649.94	1/2	9,465.71	1/2	9,281.48	1/2	9,097.25	1/2	8,913.02	1/2	8,728.80	1/2	8,544.57	1/2	8,360.34	1/2	8,176.11
5/8	9,830.33	5/8	9,646.10	5/8	9,461.87	5/8	9,277.64	5/8	9,093.42	5/8	8,909.19	5/8	8,724.96	5/8	8,540.73	5/8	8,356.50	5/8	8,172.27
3/4	9,826.49	3/4	9,642.26	3/4	9,458.03	3/4	9,273.81	3/4	9,089.58	3/4	8,905.35	3/4	8,721.12	3/4	8,536.89	3/4	8,352.66	3/4	8,168.43
7/8	9,822.65	7/8	9,638.43	7/8	9,454.20	7/8	9,269.97	7/8	9,085.74	7/8	8,901.51	7/8	8,717.28	7/8	8,533.05	7/8	8,348.82	7/8	8,164.59

GAUGE LOCATED 24'-1" FORWARD OF AFT BULKHEAD, AND 18'-6 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 STAR
ULLAGE TABLE**

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	8,160.76	6	7,976.53	0	7,792.30	6	7,608.07	0	7,423.84	6	7,239.61	0	7,055.38	6	6,871.16	0	6,686.93	6	6,502.70
1/8	8,156.92	1/8	7,972.69	1/8	7,788.46	1/8	7,604.23	1/8	7,420.00	1/8	7,235.77	1/8	7,051.55	1/8	6,867.32	1/8	6,683.09	1/8	6,498.86
1/4	8,153.08	1/4	7,968.85	1/4	7,784.62	1/4	7,600.39	1/4	7,416.17	1/4	7,231.94	1/4	7,047.71	1/4	6,863.48	1/4	6,679.25	1/4	6,495.02
3/8	8,149.24	3/8	7,965.01	3/8	7,780.78	3/8	7,596.56	3/8	7,412.33	3/8	7,228.10	3/8	7,043.87	3/8	6,859.64	3/8	6,675.41	3/8	6,491.18
1/2	8,145.40	1/2	7,961.18	1/2	7,776.95	1/2	7,592.72	1/2	7,408.49	1/2	7,224.26	1/2	7,040.03	1/2	6,855.80	1/2	6,671.57	1/2	6,487.35
5/8	8,141.57	5/8	7,957.34	5/8	7,773.11	5/8	7,588.88	5/8	7,404.65	5/8	7,220.42	5/8	7,036.19	5/8	6,851.96	5/8	6,667.74	5/8	6,483.51
3/4	8,137.73	3/4	7,953.50	3/4	7,769.27	3/4	7,585.04	3/4	7,400.81	3/4	7,216.58	3/4	7,032.36	3/4	6,848.13	3/4	6,663.90	3/4	6,479.67
7/8	8,133.89	7/8	7,949.66	7/8	7,765.43	7/8	7,581.20	7/8	7,396.97	7/8	7,212.75	7/8	7,028.52	7/8	6,844.29	7/8	6,660.06	7/8	6,475.83
1	8,130.05	7	7,945.82	1	7,761.59	7	7,577.37	1	7,393.14	7	7,208.91	1	7,024.68	7	6,840.45	1	6,656.22	7	6,471.99
1/8	8,126.21	1/8	7,941.99	1/8	7,757.76	1/8	7,573.53	1/8	7,389.30	1/8	7,205.07	1/8	7,020.84	1/8	6,836.61	1/8	6,652.38	1/8	6,468.15
1/4	8,122.38	1/4	7,938.15	1/4	7,753.92	1/4	7,569.69	1/4	7,385.46	1/4	7,201.23	1/4	7,017.00	1/4	6,832.77	1/4	6,648.55	1/4	6,464.32
3/8	8,118.54	3/8	7,934.31	3/8	7,750.08	3/8	7,565.85	3/8	7,381.62	3/8	7,197.39	3/8	7,013.16	3/8	6,828.94	3/8	6,644.71	3/8	6,460.48
1/2	8,114.70	1/2	7,930.47	1/2	7,746.24	1/2	7,562.01	1/2	7,377.78	1/2	7,193.56	1/2	7,009.33	1/2	6,825.10	1/2	6,640.87	1/2	6,456.64
5/8	8,110.86	5/8	7,926.63	5/8	7,742.40	5/8	7,558.18	5/8	7,373.95	5/8	7,189.72	5/8	7,005.49	5/8	6,821.26	5/8	6,637.03	5/8	6,452.80
3/4	8,107.02	3/4	7,922.79	3/4	7,738.57	3/4	7,554.34	3/4	7,370.11	3/4	7,185.88	3/4	7,001.65	3/4	6,817.42	3/4	6,633.19	3/4	6,448.96
7/8	8,103.19	7/8	7,918.96	7/8	7,734.73	7/8	7,550.50	7/8	7,366.27	7/8	7,182.04	7/8	6,997.81	7/8	6,813.58	7/8	6,629.35	7/8	6,445.13
2	8,099.35	8	7,915.12	2	7,730.89	8	7,546.66	2	7,362.43	8	7,178.20	2	6,993.97	8	6,809.75	2	6,625.52	8	6,441.29
1/8	8,095.51	1/8	7,911.28	1/8	7,727.05	1/8	7,542.82	1/8	7,358.59	1/8	7,174.37	1/8	6,990.14	1/8	6,805.91	1/8	6,621.68	1/8	6,437.45
1/4	8,091.67	1/4	7,907.44	1/4	7,723.21	1/4	7,538.98	1/4	7,354.76	1/4	7,170.53	1/4	6,986.30	1/4	6,802.07	1/4	6,617.84	1/4	6,433.61
3/8	8,087.83	3/8	7,903.60	3/8	7,719.38	3/8	7,535.15	3/8	7,350.92	3/8	7,166.69	3/8	6,982.46	3/8	6,798.23	3/8	6,614.00	3/8	6,429.77
1/2	8,083.99	1/2	7,899.77	1/2	7,715.54	1/2	7,531.31	1/2	7,347.08	1/2	7,162.85	1/2	6,978.62	1/2	6,794.39	1/2	6,610.16	1/2	6,425.94
5/8	8,080.16	5/8	7,895.93	5/8	7,711.70	5/8	7,527.47	5/8	7,343.24	5/8	7,159.01	5/8	6,974.78	5/8	6,790.56	5/8	6,606.33	5/8	6,422.10
3/4	8,076.32	3/4	7,892.09	3/4	7,707.86	3/4	7,523.63	3/4	7,339.40	3/4	7,155.17	3/4	6,970.95	3/4	6,786.72	3/4	6,602.49	3/4	6,418.26
7/8	8,072.48	7/8	7,888.25	7/8	7,704.02	7/8	7,519.79	7/8	7,335.57	7/8	7,151.34	7/8	6,967.11	7/8	6,782.88	7/8	6,598.65	7/8	6,414.42
3	8,068.64	9	7,884.41	3	7,700.18	9	7,515.96	3	7,331.73	9	7,147.50	3	6,963.27	9	6,779.04	3	6,594.81	9	6,410.58
1/8	8,064.80	1/8	7,880.58	1/8	7,696.35	1/8	7,512.12	1/8	7,327.89	1/8	7,143.66	1/8	6,959.43	1/8	6,775.20	1/8	6,590.97	1/8	6,406.75
1/4	8,060.97	1/4	7,876.74	1/4	7,692.51	1/4	7,508.28	1/4	7,324.05	1/4	7,139.82	1/4	6,955.59	1/4	6,771.36	1/4	6,587.14	1/4	6,402.91
3/8	8,057.13	3/8	7,872.90	3/8	7,688.67	3/8	7,504.44	3/8	7,320.21	3/8	7,135.98	3/8	6,951.76	3/8	6,767.53	3/8	6,583.30	3/8	6,399.07
1/2	8,053.29	1/2	7,869.06	1/2	7,684.83	1/2	7,500.60	1/2	7,316.37	1/2	7,132.15	1/2	6,947.92	1/2	6,763.69	1/2	6,579.46	1/2	6,395.23
5/8	8,049.45	5/8	7,865.22	5/8	7,680.99	5/8	7,496.77	5/8	7,312.54	5/8	7,128.31	5/8	6,944.08	5/8	6,759.85	5/8	6,575.62	5/8	6,391.39
3/4	8,045.61	3/4	7,861.38	3/4	7,677.16	3/4	7,492.93	3/4	7,308.70	3/4	7,124.47	3/4	6,940.24	3/4	6,756.01	3/4	6,571.78	3/4	6,387.55
7/8	8,041.78	7/8	7,857.55	7/8	7,673.32	7/8	7,489.09	7/8	7,304.86	7/8	7,120.63	7/8	6,936.40	7/8	6,752.17	7/8	6,567.95	7/8	6,383.72
4	8,037.94	10	7,853.71	4	7,669.48	10	7,485.25	4	7,301.02	10	7,116.79	4	6,932.56	10	6,748.34	4	6,564.11	10	6,379.88
1/8	8,034.10	1/8	7,849.87	1/8	7,665.64	1/8	7,481.41	1/8	7,297.18	1/8	7,112.96	1/8	6,928.73	1/8	6,744.50	1/8	6,560.27	1/8	6,376.04
1/4	8,030.26	1/4	7,846.03	1/4	7,661.80	1/4	7,477.57	1/4	7,293.35	1/4	7,109.12	1/4	6,924.89	1/4	6,740.66	1/4	6,556.43	1/4	6,372.20
3/8	8,026.42	3/8	7,842.19	3/8	7,657.97	3/8	7,473.74	3/8	7,289.51	3/8	7,105.28	3/8	6,921.05	3/8	6,736.82	3/8	6,552.59	3/8	6,368.36
1/2	8,022.59	1/2	7,838.36	1/2	7,654.13	1/2	7,469.90	1/2	7,285.67	1/2	7,101.44	1/2	6,917.21	1/2	6,732.98	1/2	6,548.75	1/2	6,364.53
5/8	8,018.75	5/8	7,834.52	5/8	7,650.29	5/8	7,466.06	5/8	7,281.83	5/8	7,097.60	5/8	6,913.37	5/8	6,729.15	5/8	6,544.92	5/8	6,360.69
3/4	8,014.91	3/4	7,830.68	3/4	7,646.45	3/4	7,462.22	3/4	7,277.99	3/4	7,093.76	3/4	6,909.54	3/4	6,725.31	3/4	6,541.08	3/4	6,356.85
7/8	8,011.07	7/8	7,826.84	7/8	7,642.61	7/8	7,458.38	7/8	7,274.16	7/8	7,089.93	7/8	6,905.70	7/8	6,721.47	7/8	6,537.24	7/8	6,353.01
5	8,007.23	11	7,823.00	5	7,638.78	11	7,454.55	5	7,270.32	11	7,086.09	5	6,901.86	11	6,717.63	5	6,533.40	11	6,349.17
1/8	8,003.39	1/8	7,819.17	1/8	7,634.94	1/8	7,450.71	1/8	7,266.48	1/8	7,082.25	1/8	6,898.02	1/8	6,713.79	1/8	6,529.56	1/8	6,345.34
1/4	7,999.56	1/4	7,815.33	1/4	7,631.10	1/4	7,446.87	1/4	7,262.64	1/4	7,078.41	1/4	6,894.18	1/4	6,709.95	1/4	6,525.73	1/4	6,341.50
3/8	7,995.72	3/8	7,811.49	3/8	7,627.26	3/8	7,443.03	3/8	7,258.80	3/8	7,074.57	3/8	6,890.35	3/8	6,706.12	3/8	6,521.89	3/8	6,337.66
1/2	7,991.88	1/2	7,807.65	1/2	7,623.42	1/2	7,439.19	1/2	7,254.97	1/2	7,070.74	1/2	6,886.51	1/2	6,702.28	1/2	6,518.05	1/2	6,333.82
5/8	7,988.04	5/8	7,803.81	5/8	7,619.58	5/8	7,435.36	5/8	7,251.13	5/8	7,066.90	5/8	6,882.67	5/8	6,698.44	5/8	6,514.21	5/8	6,329.98
3/4	7,984.20	3/4	7,799.98	3/4	7,615.75	3/4	7,431.52	3/4	7,247.29	3/4	7,063.06	3/4	6,878.83	3/4	6,694.60	3/4	6,510.37	3/4	6,326.14
7/8	7,980.37	7/8	7,796.14	7/8	7,611.91	7/8	7,427.68	7/8	7,243.45	7/8	7,059.22	7/8	6,874.99	7/8	6,690.76	7/8	6,506.54	7/8	6,322.31

GAUGE LOCATED 24'-1" FORWARD OF AFT BULKHEAD, AND 18'-6 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

2 STAR
ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	6,318.47	6	6,134.24	0	5,950.01	6	5,765.78	0	5,581.55	6	5,397.32	0	5,213.10	6	5,029.08	0	4,846.64	6	4,664.22
1/8	6,314.63	1/8	6,130.40	1/8	5,946.17	1/8	5,761.94	1/8	5,577.72	1/8	5,393.49	1/8	5,209.26	1/8	5,025.27	1/8	4,842.84	1/8	4,660.42
1/4	6,310.79	1/4	6,126.56	1/4	5,942.33	1/4	5,758.11	1/4	5,573.88	1/4	5,389.65	1/4	5,205.42	1/4	5,021.47	1/4	4,839.04	1/4	4,656.62
3/8	6,306.95	3/8	6,122.73	3/8	5,938.50	3/8	5,754.27	3/8	5,570.04	3/8	5,385.81	3/8	5,201.58	3/8	5,017.66	3/8	4,835.23	3/8	4,652.82
1/2	6,303.12	1/2	6,118.89	1/2	5,934.66	1/2	5,750.43	1/2	5,566.20	1/2	5,381.97	1/2	5,197.74	1/2	5,013.86	1/2	4,831.43	1/2	4,649.02
5/8	6,299.28	5/8	6,115.05	5/8	5,930.82	5/8	5,746.59	5/8	5,562.36	5/8	5,378.13	5/8	5,193.91	5/8	5,010.06	5/8	4,827.63	5/8	4,645.21
3/4	6,295.44	3/4	6,111.21	3/4	5,926.98	3/4	5,742.75	3/4	5,558.52	3/4	5,374.30	3/4	5,190.07	3/4	5,006.25	3/4	4,823.83	3/4	4,641.41
7/8	6,291.60	7/8	6,107.37	7/8	5,923.14	7/8	5,738.92	7/8	5,554.69	7/8	5,370.46	7/8	5,186.23	7/8	5,002.45	7/8	4,820.03	7/8	4,637.61
1	6,287.76	7	6,103.54	1	5,919.31	7	5,735.08	1	5,550.85	7	5,366.62	1	5,182.39	7	4,998.65	1	4,816.23	7	4,633.81
1/8	6,283.93	1/8	6,099.70	1/8	5,915.47	1/8	5,731.24	1/8	5,547.01	1/8	5,362.78	1/8	5,178.55	1/8	4,994.85	1/8	4,812.43	1/8	4,630.01
1/4	6,280.09	1/4	6,095.86	1/4	5,911.63	1/4	5,727.40	1/4	5,543.17	1/4	5,358.94	1/4	5,174.71	1/4	4,991.05	1/4	4,808.63	1/4	4,626.21
3/8	6,276.25	3/8	6,092.02	3/8	5,907.79	3/8	5,723.56	3/8	5,539.33	3/8	5,355.11	3/8	5,170.88	3/8	4,987.25	3/8	4,804.83	3/8	4,622.41
1/2	6,272.41	1/2	6,088.18	1/2	5,903.95	1/2	5,719.73	1/2	5,535.50	1/2	5,351.27	1/2	5,167.04	1/2	4,983.45	1/2	4,801.03	1/2	4,618.61
5/8	6,268.57	5/8	6,084.34	5/8	5,900.12	5/8	5,715.89	5/8	5,531.66	5/8	5,347.43	5/8	5,163.20	5/8	4,979.65	5/8	4,797.23	5/8	4,614.81
3/4	6,264.74	3/4	6,080.51	3/4	5,896.28	3/4	5,712.05	3/4	5,527.82	3/4	5,343.59	3/4	5,159.36	3/4	4,975.85	3/4	4,793.43	3/4	4,611.01
7/8	6,260.90	7/8	6,076.67	7/8	5,892.44	7/8	5,708.21	7/8	5,523.98	7/8	5,339.75	7/8	5,155.52	7/8	4,972.05	7/8	4,789.63	7/8	4,607.21
2	6,257.06	8	6,072.83	2	5,888.60	8	5,704.37	2	5,520.14	8	5,335.92	2	5,151.69	8	4,968.25	2	4,785.83	8	4,603.41
1/8	6,253.22	1/8	6,068.99	1/8	5,884.76	1/8	5,700.53	1/8	5,516.31	1/8	5,332.08	1/8	5,147.85	1/8	4,964.45	1/8	4,782.03	1/8	4,599.61
1/4	6,249.38	1/4	6,065.15	1/4	5,880.93	1/4	5,696.70	1/4	5,512.47	1/4	5,328.24	1/4	5,144.01	1/4	4,960.65	1/4	4,778.23	1/4	4,595.81
3/8	6,245.54	3/8	6,061.32	3/8	5,877.09	3/8	5,692.86	3/8	5,508.63	3/8	5,324.40	3/8	5,140.17	3/8	4,956.85	3/8	4,774.43	3/8	4,592.01
1/2	6,241.71	1/2	6,057.48	1/2	5,873.25	1/2	5,689.02	1/2	5,504.79	1/2	5,320.56	1/2	5,136.33	1/2	4,953.05	1/2	4,770.63	1/2	4,588.21
5/8	6,237.87	5/8	6,053.64	5/8	5,869.41	5/8	5,685.18	5/8	5,500.95	5/8	5,316.72	5/8	5,132.50	5/8	4,949.25	5/8	4,766.83	5/8	4,584.41
3/4	6,234.03	3/4	6,049.80	3/4	5,865.57	3/4	5,681.34	3/4	5,497.12	3/4	5,312.89	3/4	5,128.66	3/4	4,945.45	3/4	4,763.03	3/4	4,580.61
7/8	6,230.19	7/8	6,045.96	7/8	5,861.73	7/8	5,677.51	7/8	5,493.28	7/8	5,309.05	7/8	5,124.82	7/8	4,941.65	7/8	4,759.23	7/8	4,576.79
3	6,226.35	9	6,042.13	3	5,857.90	9	5,673.67	3	5,489.44	9	5,305.21	3	5,120.98	9	4,937.85	3	4,755.43	9	4,572.97
1/8	6,222.52	1/8	6,038.29	1/8	5,854.06	1/8	5,669.83	1/8	5,485.60	1/8	5,301.37	1/8	5,117.14	1/8	4,934.05	1/8	4,751.63	1/8	4,569.15
1/4	6,218.68	1/4	6,034.45	1/4	5,850.22	1/4	5,665.99	1/4	5,481.76	1/4	5,297.53	1/4	5,113.31	1/4	4,930.24	1/4	4,747.83	1/4	4,565.34
3/8	6,214.84	3/8	6,030.61	3/8	5,846.38	3/8	5,662.15	3/8	5,477.92	3/8	5,293.70	3/8	5,109.47	3/8	4,926.44	3/8	4,744.03	3/8	4,561.52
1/2	6,211.00	1/2	6,026.77	1/2	5,842.54	1/2	5,658.32	1/2	5,474.09	1/2	5,289.86	1/2	5,105.63	1/2	4,922.64	1/2	4,740.22	1/2	4,557.70
5/8	6,207.16	5/8	6,022.94	5/8	5,838.71	5/8	5,654.48	5/8	5,470.25	5/8	5,286.02	5/8	5,101.79	5/8	4,918.84	5/8	4,736.42	5/8	4,553.88
3/4	6,203.33	3/4	6,019.10	3/4	5,834.87	3/4	5,650.64	3/4	5,466.41	3/4	5,282.18	3/4	5,097.95	3/4	4,915.04	3/4	4,732.62	3/4	4,550.06
7/8	6,199.49	7/8	6,015.26	7/8	5,831.03	7/8	5,646.80	7/8	5,462.57	7/8	5,278.34	7/8	5,094.11	7/8	4,911.24	7/8	4,728.82	7/8	4,546.23
4	6,195.65	10	6,011.42	4	5,827.19	10	5,642.96	4	5,458.73	10	5,274.51	4	5,090.28	10	4,907.44	4	4,725.02	10	4,542.40
1/8	6,191.81	1/8	6,007.58	1/8	5,823.35	1/8	5,639.13	1/8	5,454.90	1/8	5,270.67	1/8	5,086.44	1/8	4,903.64	1/8	4,721.22	1/8	4,538.56
1/4	6,187.97	1/4	6,003.74	1/4	5,819.52	1/4	5,635.29	1/4	5,451.06	1/4	5,266.83	1/4	5,082.60	1/4	4,899.84	1/4	4,717.42	1/4	4,534.73
3/8	6,184.14	3/8	5,999.91	3/8	5,815.68	3/8	5,631.45	3/8	5,447.22	3/8	5,262.99	3/8	5,078.76	3/8	4,896.04	3/8	4,713.62	3/8	4,530.89
1/2	6,180.30	1/2	5,996.07	1/2	5,811.84	1/2	5,627.61	1/2	5,443.38	1/2	5,259.15	1/2	5,074.92	1/2	4,892.24	1/2	4,709.82	1/2	4,527.06
5/8	6,176.46	5/8	5,992.23	5/8	5,808.00	5/8	5,623.77	5/8	5,439.54	5/8	5,255.32	5/8	5,071.09	5/8	4,888.44	5/8	4,706.02	5/8	4,523.22
3/4	6,172.62	3/4	5,988.39	3/4	5,804.16	3/4	5,619.93	3/4	5,435.71	3/4	5,251.48	3/4	5,067.25	3/4	4,884.64	3/4	4,702.22	3/4	4,519.39
7/8	6,168.78	7/8	5,984.55	7/8	5,800.33	7/8	5,616.10	7/8	5,431.87	7/8	5,247.64	7/8	5,063.43	7/8	4,880.84	7/8	4,698.42	7/8	4,515.55
5	6,164.94	11	5,980.72	5	5,796.49	11	5,612.26	5	5,428.03	11	5,243.80	5	5,059.61	11	4,877.04	5	4,694.62	11	4,511.71
1/8	6,161.11	1/8	5,976.88	1/8	5,792.65	1/8	5,608.42	1/8	5,424.19	1/8	5,239.96	1/8	5,055.79	1/8	4,873.24	1/8	4,690.82	1/8	4,507.88
1/4	6,157.27	1/4	5,973.04	1/4	5,788.81	1/4	5,604.58	1/4	5,420.35	1/4	5,236.12	1/4	5,051.97	1/4	4,869.44	1/4	4,687.02	1/4	4,504.04
3/8	6,153.43	3/8	5,969.20	3/8	5,784.97	3/8	5,600.74	3/8	5,416.52	3/8	5,232.29	3/8	5,048.15	3/8	4,865.64	3/8	4,683.22	3/8	4,500.20
1/2	6,149.59	1/2	5,965.36	1/2	5,781.13	1/2	5,596.91	1/2	5,412.68	1/2	5,228.45	1/2	5,044.33	1/2	4,861.84	1/2	4,679.42	1/2	4,496.36
5/8	6,145.75	5/8	5,961.53	5/8	5,777.30	5/8	5,593.07	5/8	5,408.84	5/8	5,224.61	5/8	5,040.50	5/8	4,858.04	5/8	4,675.62	5/8	4,492.52
3/4	6,141.92	3/4	5,957.69	3/4	5,773.46	3/4	5,589.23	3/4	5,405.00	3/4	5,220.77	3/4	5,036.68	3/4	4,854.24	3/4	4,671.82	3/4	4,488.69
7/8	6,138.08	7/8	5,953.85	7/8	5,769.62	7/8	5,585.39	7/8	5,401.16	7/8	5,216.93	7/8	5,032.88	7/8	4,850.44	7/8	4,668.02	7/8	4,484.85

GAUGE LOCATED 24'-1" FORWARD OF AFT BULKHEAD, AND 18'-6 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 STAR
ULLAGE TABLE**

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	4,481.01	6	4,296.78	0	4,112.55	6	3,928.36	0	3,744.47	6	3,560.62	0	3,376.76	6	3,192.91	0	3,009.06	6	2,825.20
1/8	4,477.17	1/8	4,292.94	1/8	4,108.71	1/8	3,924.52	1/8	3,740.64	1/8	3,556.79	1/8	3,372.93	1/8	3,189.08	1/8	3,005.23	1/8	2,821.37
1/4	4,473.33	1/4	4,289.10	1/4	4,104.88	1/4	3,920.69	1/4	3,736.81	1/4	3,552.96	1/4	3,369.10	1/4	3,185.25	1/4	3,001.39	1/4	2,817.54
3/8	4,469.50	3/8	4,285.27	3/8	4,101.04	3/8	3,916.85	3/8	3,732.98	3/8	3,549.13	3/8	3,365.27	3/8	3,181.42	3/8	2,997.56	3/8	2,813.71
1/2	4,465.66	1/2	4,281.43	1/2	4,097.20	1/2	3,913.02	1/2	3,729.15	1/2	3,545.30	1/2	3,361.44	1/2	3,177.59	1/2	2,993.73	1/2	2,809.88
5/8	4,461.82	5/8	4,277.59	5/8	4,093.36	5/8	3,909.18	5/8	3,725.32	5/8	3,541.47	5/8	3,357.61	5/8	3,173.76	5/8	2,989.90	5/8	2,806.05
3/4	4,457.98	3/4	4,273.75	3/4	4,089.52	3/4	3,905.35	3/4	3,721.49	3/4	3,537.64	3/4	3,353.78	3/4	3,169.93	3/4	2,986.07	3/4	2,802.22
7/8	4,454.14	7/8	4,269.91	7/8	4,085.69	7/8	3,901.52	7/8	3,717.66	7/8	3,533.81	7/8	3,349.95	7/8	3,166.10	7/8	2,982.24	7/8	2,798.39
1	4,450.30	7	4,266.08	1	4,081.85	7	3,897.69	1	3,713.83	7	3,529.98	1	3,346.12	7	3,162.27	1	2,978.41	7	2,794.56
1/8	4,446.47	1/8	4,262.24	1/8	4,078.01	1/8	3,893.85	1/8	3,710.00	1/8	3,526.15	1/8	3,342.29	1/8	3,158.44	1/8	2,974.58	1/8	2,790.73
1/4	4,442.63	1/4	4,258.40	1/4	4,074.17	1/4	3,890.02	1/4	3,706.17	1/4	3,522.32	1/4	3,338.46	1/4	3,154.61	1/4	2,970.75	1/4	2,786.90
3/8	4,438.79	3/8	4,254.56	3/8	4,070.33	3/8	3,886.19	3/8	3,702.34	3/8	3,518.49	3/8	3,334.63	3/8	3,150.78	3/8	2,966.92	3/8	2,783.07
1/2	4,434.95	1/2	4,250.72	1/2	4,066.49	1/2	3,882.36	1/2	3,698.51	1/2	3,514.66	1/2	3,330.80	1/2	3,146.95	1/2	2,963.09	1/2	2,779.24
5/8	4,431.11	5/8	4,246.89	5/8	4,062.66	5/8	3,878.53	5/8	3,694.68	5/8	3,510.82	5/8	3,326.97	5/8	3,143.12	5/8	2,959.26	5/8	2,775.41
3/4	4,427.28	3/4	4,243.05	3/4	4,058.82	3/4	3,874.70	3/4	3,690.85	3/4	3,506.99	3/4	3,323.14	3/4	3,139.29	3/4	2,955.43	3/4	2,771.58
7/8	4,423.44	7/8	4,239.21	7/8	4,054.98	7/8	3,870.87	7/8	3,687.02	7/8	3,503.16	7/8	3,319.31	7/8	3,135.46	7/8	2,951.60	7/8	2,767.75
2	4,419.60	8	4,235.37	2	4,051.14	8	3,867.04	2	3,683.19	8	3,499.33	2	3,315.48	8	3,131.63	2	2,947.77	8	2,763.92
1/8	4,415.76	1/8	4,231.53	1/8	4,047.30	1/8	3,863.21	1/8	3,679.36	1/8	3,495.50	1/8	3,311.65	1/8	3,127.79	1/8	2,943.94	1/8	2,760.09
1/4	4,411.92	1/4	4,227.69	1/4	4,043.47	1/4	3,859.38	1/4	3,675.53	1/4	3,491.67	1/4	3,307.82	1/4	3,123.96	1/4	2,940.11	1/4	2,756.26
3/8	4,408.09	3/8	4,223.86	3/8	4,039.63	3/8	3,855.55	3/8	3,671.70	3/8	3,487.84	3/8	3,303.99	3/8	3,120.13	3/8	2,936.28	3/8	2,752.43
1/2	4,404.25	1/2	4,220.02	1/2	4,035.79	1/2	3,851.72	1/2	3,667.87	1/2	3,484.01	1/2	3,300.16	1/2	3,116.30	1/2	2,932.45	1/2	2,748.60
5/8	4,400.41	5/8	4,216.18	5/8	4,031.95	5/8	3,847.89	5/8	3,664.04	5/8	3,480.18	5/8	3,296.33	5/8	3,112.47	5/8	2,928.62	5/8	2,744.76
3/4	4,396.57	3/4	4,212.34	3/4	4,028.11	3/4	3,844.06	3/4	3,660.21	3/4	3,476.35	3/4	3,292.50	3/4	3,108.64	3/4	2,924.79	3/4	2,740.93
7/8	4,392.73	7/8	4,208.50	7/8	4,024.28	7/8	3,840.23	7/8	3,656.38	7/8	3,472.52	7/8	3,288.67	7/8	3,104.81	7/8	2,920.96	7/8	2,737.10
3	4,388.90	9	4,204.67	3	4,020.44	9	3,836.40	3	3,652.55	9	3,468.69	3	3,284.84	9	3,100.98	3	2,917.13	9	2,733.27
1/8	4,385.06	1/8	4,200.83	1/8	4,016.60	1/8	3,832.57	1/8	3,648.72	1/8	3,464.86	1/8	3,281.01	1/8	3,097.15	1/8	2,913.30	1/8	2,729.44
1/4	4,381.22	1/4	4,196.99	1/4	4,012.76	1/4	3,828.74	1/4	3,644.89	1/4	3,461.03	1/4	3,277.18	1/4	3,093.32	1/4	2,909.47	1/4	2,725.61
3/8	4,377.38	3/8	4,193.15	3/8	4,008.92	3/8	3,824.91	3/8	3,641.06	3/8	3,457.20	3/8	3,273.35	3/8	3,089.49	3/8	2,905.64	3/8	2,721.78
1/2	4,373.54	1/2	4,189.31	1/2	4,005.09	1/2	3,821.08	1/2	3,637.22	1/2	3,453.37	1/2	3,269.52	1/2	3,085.66	1/2	2,901.81	1/2	2,717.95
5/8	4,369.70	5/8	4,185.48	5/8	4,001.25	5/8	3,817.25	5/8	3,633.39	5/8	3,449.54	5/8	3,265.69	5/8	3,081.83	5/8	2,897.98	5/8	2,714.12
3/4	4,365.87	3/4	4,181.64	3/4	3,997.41	3/4	3,813.42	3/4	3,629.56	3/4	3,445.71	3/4	3,261.86	3/4	3,078.00	3/4	2,894.15	3/4	2,710.29
7/8	4,362.03	7/8	4,177.80	7/8	3,993.57	7/8	3,809.59	7/8	3,625.73	7/8	3,441.88	7/8	3,258.03	7/8	3,074.17	7/8	2,890.32	7/8	2,706.46
4	4,358.19	10	4,173.96	4	3,989.73	10	3,805.76	4	3,621.90	10	3,438.05	4	3,254.19	10	3,070.34	4	2,886.49	10	2,702.63
1/8	4,354.35	1/8	4,170.12	1/8	3,985.89	1/8	3,801.93	1/8	3,618.07	1/8	3,434.22	1/8	3,250.36	1/8	3,066.51	1/8	2,882.66	1/8	2,698.80
1/4	4,350.51	1/4	4,166.29	1/4	3,982.06	1/4	3,798.10	1/4	3,614.24	1/4	3,430.39	1/4	3,246.53	1/4	3,062.68	1/4	2,878.83	1/4	2,694.97
3/8	4,346.68	3/8	4,162.45	3/8	3,978.22	3/8	3,794.27	3/8	3,610.41	3/8	3,426.56	3/8	3,242.70	3/8	3,058.85	3/8	2,875.00	3/8	2,691.14
1/2	4,342.84	1/2	4,158.61	1/2	3,974.38	1/2	3,790.44	1/2	3,606.58	1/2	3,422.73	1/2	3,238.87	1/2	3,055.02	1/2	2,871.16	1/2	2,687.31
5/8	4,339.00	5/8	4,154.77	5/8	3,970.54	5/8	3,786.61	5/8	3,602.75	5/8	3,418.90	5/8	3,235.04	5/8	3,051.19	5/8	2,867.33	5/8	2,683.48
3/4	4,335.16	3/4	4,150.93	3/4	3,966.70	3/4	3,782.78	3/4	3,598.92	3/4	3,415.07	3/4	3,231.21	3/4	3,047.36	3/4	2,863.50	3/4	2,679.65
7/8	4,331.32	7/8	4,147.09	7/8	3,962.87	7/8	3,778.95	7/8	3,595.09	7/8	3,411.24	7/8	3,227.38	7/8	3,043.53	7/8	2,859.67	7/8	2,675.82
5	4,327.49	11	4,143.26	5	3,959.04	11	3,775.12	5	3,591.26	11	3,407.41	5	3,223.55	11	3,039.70	5	2,855.84	11	2,671.99
1/8	4,323.65	1/8	4,139.42	1/8	3,955.20	1/8	3,771.29	1/8	3,587.43	1/8	3,403.58	1/8	3,219.72	1/8	3,035.87	1/8	2,852.01	1/8	2,668.16
1/4	4,319.81	1/4	4,135.58	1/4	3,951.37	1/4	3,767.45	1/4	3,583.60	1/4	3,399.75	1/4	3,215.89	1/4	3,032.04	1/4	2,848.18	1/4	2,664.33
3/8	4,315.97	3/8	4,131.74	3/8	3,947.53	3/8	3,763.62	3/8	3,579.77	3/8	3,395.92	3/8	3,212.06	3/8	3,028.21	3/8	2,844.35	3/8	2,660.50
1/2	4,312.13	1/2	4,127.90	1/2	3,943.70	1/2	3,759.79	1/2	3,575.94	1/2	3,392.09	1/2	3,208.23	1/2	3,024.38	1/2	2,840.52	1/2	2,656.67
5/8	4,308.30	5/8	4,124.07	5/8	3,939.86	5/8	3,755.96	5/8	3,572.11	5/8	3,388.26	5/8	3,204.40	5/8	3,020.55	5/8	2,836.69	5/8	2,652.84
3/4	4,304.46	3/4	4,120.23	3/4	3,936.03	3/4	3,752.13	3/4	3,568.28	3/4	3,384.42	3/4	3,200.57	3/4	3,016.72	3/4	2,832.86	3/4	2,649.01
7/8	4,300.62	7/8	4,116.39	7/8	3,932.19	7/8	3,748.30	7/8	3,564.45	7/8	3,380.59	7/8	3,196.74	7/8	3,012.89	7/8	2,829.03	7/8	2,645.18

GAUGE LOCATED 24'-1" FORWARD OF AFT BULKHEAD, AND 18'-6 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**2 STAR
ULLAGE TABLE**

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,641.35	6	2,457.49	0	2,273.64	6	2,089.78	0	1,905.93	6	1,722.07	0	1,538.22	6	1,354.37	0	1,173.62	6	997.17
1/8	2,637.52	1/8	2,453.66	1/8	2,269.81	1/8	2,085.95	1/8	1,902.10	1/8	1,718.24	1/8	1,534.39	1/8	1,350.54	1/8	1,169.94	1/8	993.50
1/4	2,633.69	1/4	2,449.83	1/4	2,265.98	1/4	2,082.12	1/4	1,898.27	1/4	1,714.41	1/4	1,530.56	1/4	1,346.71	1/4	1,166.26	1/4	989.82
3/8	2,629.86	3/8	2,446.00	3/8	2,262.15	3/8	2,078.29	3/8	1,894.44	3/8	1,710.58	3/8	1,526.73	3/8	1,342.88	3/8	1,162.58	3/8	986.15
1/2	2,626.03	1/2	2,442.17	1/2	2,258.32	1/2	2,074.46	1/2	1,890.61	1/2	1,706.75	1/2	1,522.90	1/2	1,339.04	1/2	1,158.91	1/2	982.47
5/8	2,622.20	5/8	2,438.34	5/8	2,254.49	5/8	2,070.63	5/8	1,886.78	5/8	1,702.92	5/8	1,519.07	5/8	1,335.21	5/8	1,155.23	5/8	978.80
3/4	2,618.36	3/4	2,434.51	3/4	2,250.66	3/4	2,066.80	3/4	1,882.95	3/4	1,699.09	3/4	1,515.24	3/4	1,331.38	3/4	1,151.55	3/4	975.12
7/8	2,614.53	7/8	2,430.68	7/8	2,246.83	7/8	2,062.97	7/8	1,879.12	7/8	1,695.26	7/8	1,511.41	7/8	1,327.55	7/8	1,147.88	7/8	971.44
1	2,610.70	7	2,426.85	1	2,243.00	7	2,059.14	1	1,875.29	7	1,691.43	1	1,507.58	7	1,323.72	1	1,144.20	7	967.77
1/8	2,606.87	1/8	2,423.02	1/8	2,239.17	1/8	2,055.31	1/8	1,871.46	1/8	1,687.60	1/8	1,503.75	1/8	1,319.89	1/8	1,140.52	1/8	964.09
1/4	2,603.04	1/4	2,419.19	1/4	2,235.33	1/4	2,051.48	1/4	1,867.63	1/4	1,683.77	1/4	1,499.92	1/4	1,316.06	1/4	1,136.85	1/4	960.42
3/8	2,599.21	3/8	2,415.36	3/8	2,231.50	3/8	2,047.65	3/8	1,863.80	3/8	1,679.94	3/8	1,496.09	3/8	1,312.23	3/8	1,133.17	3/8	956.74
1/2	2,595.38	1/2	2,411.53	1/2	2,227.67	1/2	2,043.82	1/2	1,859.97	1/2	1,676.11	1/2	1,492.26	1/2	1,308.40	1/2	1,129.50	1/2	953.07
5/8	2,591.55	5/8	2,407.70	5/8	2,223.84	5/8	2,039.99	5/8	1,856.14	5/8	1,672.28	5/8	1,488.43	5/8	1,304.57	5/8	1,125.82	5/8	949.39
3/4	2,587.72	3/4	2,403.87	3/4	2,220.01	3/4	2,036.16	3/4	1,852.30	3/4	1,668.45	3/4	1,484.60	3/4	1,300.74	3/4	1,122.14	3/4	945.72
7/8	2,583.89	7/8	2,400.04	7/8	2,216.18	7/8	2,032.33	7/8	1,848.47	7/8	1,664.62	7/8	1,480.77	7/8	1,296.91	7/8	1,118.47	7/8	942.04
2	2,580.06	8	2,396.21	2	2,212.35	8	2,028.50	2	1,844.64	8	1,660.79	2	1,476.94	8	1,293.08	2	1,114.79	8	938.36
1/8	2,576.23	1/8	2,392.38	1/8	2,208.52	1/8	2,024.67	1/8	1,840.81	1/8	1,656.96	1/8	1,473.11	1/8	1,289.25	1/8	1,111.12	1/8	934.69
1/4	2,572.40	1/4	2,388.55	1/4	2,204.69	1/4	2,020.84	1/4	1,836.98	1/4	1,653.13	1/4	1,469.27	1/4	1,285.42	1/4	1,107.44	1/4	931.01
3/8	2,568.57	3/8	2,384.72	3/8	2,200.86	3/8	2,017.01	3/8	1,833.15	3/8	1,649.30	3/8	1,465.44	3/8	1,281.59	3/8	1,103.77	3/8	927.34
1/2	2,564.74	1/2	2,380.89	1/2	2,197.03	1/2	2,013.18	1/2	1,829.32	1/2	1,645.47	1/2	1,461.61	1/2	1,277.76	1/2	1,100.09	1/2	923.66
5/8	2,560.91	5/8	2,377.06	5/8	2,193.20	5/8	2,009.35	5/8	1,825.49	5/8	1,641.64	5/8	1,457.78	5/8	1,273.93	5/8	1,096.41	5/8	919.99
3/4	2,557.08	3/4	2,373.23	3/4	2,189.37	3/4	2,005.52	3/4	1,821.66	3/4	1,637.81	3/4	1,453.95	3/4	1,270.10	3/4	1,092.74	3/4	916.31
7/8	2,553.25	7/8	2,369.40	7/8	2,185.54	7/8	2,001.69	7/8	1,817.83	7/8	1,633.98	7/8	1,450.12	7/8	1,266.34	7/8	1,089.06	7/8	912.63
3	2,549.42	9	2,365.57	3	2,181.71	9	1,997.86	3	1,814.00	9	1,630.15	3	1,446.29	9	1,262.57	3	1,085.39	9	908.96
1/8	2,545.59	1/8	2,361.73	1/8	2,177.88	1/8	1,994.03	1/8	1,810.17	1/8	1,626.32	1/8	1,442.46	1/8	1,258.81	1/8	1,081.71	1/8	905.28
1/4	2,541.76	1/4	2,357.90	1/4	2,174.05	1/4	1,990.20	1/4	1,806.34	1/4	1,622.49	1/4	1,438.63	1/4	1,255.04	1/4	1,078.04	1/4	901.61
3/8	2,537.93	3/8	2,354.07	3/8	2,170.22	3/8	1,986.37	3/8	1,802.51	3/8	1,618.66	3/8	1,434.80	3/8	1,251.28	3/8	1,074.36	3/8	897.93
1/2	2,534.10	1/2	2,350.24	1/2	2,166.39	1/2	1,982.54	1/2	1,798.68	1/2	1,614.83	1/2	1,430.97	1/2	1,247.52	1/2	1,070.69	1/2	894.26
5/8	2,530.27	5/8	2,346.41	5/8	2,162.56	5/8	1,978.70	5/8	1,794.85	5/8	1,611.00	5/8	1,427.14	5/8	1,243.75	5/8	1,067.01	5/8	890.58
3/4	2,526.44	3/4	2,342.58	3/4	2,158.73	3/4	1,974.87	3/4	1,791.02	3/4	1,607.17	3/4	1,423.31	3/4	1,239.99	3/4	1,063.33	3/4	886.91
7/8	2,522.61	7/8	2,338.75	7/8	2,154.90	7/8	1,971.04	7/8	1,787.19	7/8	1,603.34	7/8	1,419.48	7/8	1,236.29	7/8	1,059.66	7/8	883.23
4	2,518.78	10	2,334.92	4	2,151.07	10	1,967.21	4	1,783.36	10	1,599.51	4	1,415.65	10	1,232.60	4	1,055.98	10	879.55
1/8	2,514.95	1/8	2,331.09	1/8	2,147.24	1/8	1,963.38	1/8	1,779.53	1/8	1,595.67	1/8	1,411.82	1/8	1,228.90	1/8	1,052.31	1/8	875.87
1/4	2,511.12	1/4	2,327.26	1/4	2,143.41	1/4	1,959.55	1/4	1,775.70	1/4	1,591.84	1/4	1,407.99	1/4	1,225.20	1/4	1,048.63	1/4	872.20
3/8	2,507.29	3/8	2,323.43	3/8	2,139.58	3/8	1,955.72	3/8	1,771.87	3/8	1,588.01	3/8	1,404.16	3/8	1,221.50	3/8	1,044.96	3/8	868.52
1/2	2,503.46	1/2	2,319.60	1/2	2,135.75	1/2	1,951.89	1/2	1,768.04	1/2	1,584.18	1/2	1,400.33	1/2	1,217.81	1/2	1,041.28	1/2	864.84
5/8	2,499.63	5/8	2,315.77	5/8	2,131.92	5/8	1,948.06	5/8	1,764.21	5/8	1,580.35	5/8	1,396.50	5/8	1,214.11	5/8	1,037.61	5/8	861.17
3/4	2,495.80	3/4	2,311.94	3/4	2,128.09	3/4	1,944.23	3/4	1,760.38	3/4	1,576.52	3/4	1,392.67	3/4	1,210.41	3/4	1,033.93	3/4	857.49
7/8	2,491.97	7/8	2,308.11	7/8	2,124.26	7/8	1,940.40	7/8	1,756.55	7/8	1,572.69	7/8	1,388.84	7/8	1,206.73	7/8	1,030.25	7/8	853.81
5	2,488.13	11	2,304.28	5	2,120.43	11	1,936.57	5	1,752.72	11	1,568.86	5	1,385.01	11	1,203.05	5	1,026.58	11	850.13
1/8	2,484.30	1/8	2,300.45	1/8	2,116.60	1/8	1,932.74	1/8	1,748.89	1/8	1,565.03	1/8	1,381.18	1/8	1,199.37	1/8	1,022.90	1/8	846.45
1/4	2,480.47	1/4	2,296.62	1/4	2,112.77	1/4	1,928.91	1/4	1,745.06	1/4	1,561.20	1/4	1,377.35	1/4	1,195.69	1/4	1,019.23	1/4	842.77
3/8	2,476.64	3/8	2,292.79	3/8	2,108.94	3/8	1,925.08	3/8	1,741.23	3/8	1,557.37	3/8	1,373.52	3/8	1,192.01	3/8	1,015.55	3/8	839.09
1/2	2,472.81	1/2	2,288.96	1/2	2,105.10	1/2	1,921.25	1/2	1,737.40	1/2	1,553.54	1/2	1,369.69	1/2	1,188.33	1/2	1,011.88	1/2	835.41
5/8	2,468.98	5/8	2,285.13	5/8	2,101.27	5/8	1,917.42	5/8	1,733.57	5/8	1,549.71	5/8	1,365.86	5/8	1,184.65	5/8	1,008.20	5/8	831.74
3/4	2,465.15	3/4	2,281.30	3/4	2,097.44	3/4	1,913.59	3/4	1,729.74	3/4	1,545.88	3/4	1,362.03	3/4	1,180.97	3/4	1,004.52	3/4	828.06
7/8	2,461.32	7/8	2,277.47	7/8	2,093.61	7/8	1,909.76	7/8	1,725.91	7/8	1,542.05	7/8	1,358.20	7/8	1,177.29	7/8	1,000.85	7/8	824.37

GAUGE LOCATED 24'-1" FORWARD OF AFT BULKHEAD, AND 18'-6 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

2 STAR
ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	820.69	6	638.43	0	454.58	6	270.85	0	87.79
1/8	817.01	1/8	634.60	1/8	450.75	1/8	267.03	1/8	84.14
1/4	813.32	1/4	630.77	1/4	446.91	1/4	263.21	1/4	80.49
3/8	809.64	3/8	626.94	3/8	443.08	3/8	259.39	3/8	76.84
1/2	805.96	1/2	623.11	1/2	439.25	1/2	255.57	1/2	73.19
5/8	802.27	5/8	619.28	5/8	435.42	5/8	251.75	5/8	69.54
3/4	798.59	3/4	615.45	3/4	431.59	3/4	247.93	3/4	65.88
7/8	794.84	7/8	611.62	7/8	427.76	7/8	244.11	7/8	62.76
1	791.08	7	607.79	1	423.93	7	240.29	1	59.64
1/8	787.33	1/8	603.96	1/8	420.10	1/8	236.47	1/8	56.51
1/4	783.57	1/4	600.13	1/4	416.27	1/4	232.65	1/4	53.39
3/8	779.82	3/8	596.30	3/8	412.44	3/8	228.83	3/8	50.26
1/2	776.07	1/2	592.47	1/2	408.61	1/2	225.01	1/2	47.14
5/8	772.31	5/8	588.64	5/8	404.78	5/8	221.19	5/8	44.01
3/4	768.56	3/4	584.81	3/4	400.95	3/4	217.37	3/4	40.89
7/8	764.74	7/8	580.98	7/8	397.12	7/8	213.55		
2	760.92	8	577.15	2	393.29	8	209.73		
1/8	757.11	1/8	573.31	1/8	389.46	1/8	205.91		
1/4	753.29	1/4	569.48	1/4	385.63	1/4	202.09		
3/8	749.47	3/8	565.65	3/8	381.80	3/8	198.27		
1/2	745.65	1/2	561.82	1/2	377.97	1/2	194.45		
5/8	741.84	5/8	557.99	5/8	374.14	5/8	190.63		
3/4	738.02	3/4	554.16	3/4	370.31	3/4	186.81		
7/8	734.19	7/8	550.33	7/8	366.48	7/8	182.99		
3	730.36	9	546.50	3	362.65	9	179.17		
1/8	726.53	1/8	542.67	1/8	358.82	1/8	175.35		
1/4	722.70	1/4	538.84	1/4	354.99	1/4	171.52		
3/8	718.87	3/8	535.01	3/8	351.16	3/8	167.70		
1/2	715.04	1/2	531.18	1/2	347.33	1/2	163.88		
5/8	711.21	5/8	527.35	5/8	343.50	5/8	160.06		
3/4	707.38	3/4	523.52	3/4	339.67	3/4	156.24		
7/8	703.55	7/8	519.69	7/8	335.84	7/8	152.42		
4	699.71	10	515.86	4	332.02	10	148.59		
1/8	695.88	1/8	512.03	1/8	328.19	1/8	144.77		
1/4	692.05	1/4	508.20	1/4	324.36	1/4	140.94		
3/8	688.22	3/8	504.37	3/8	320.54	3/8	137.12		
1/2	684.39	1/2	500.54	1/2	316.71	1/2	133.29		
5/8	680.56	5/8	496.71	5/8	312.89	5/8	129.47		
3/4	676.73	3/4	492.88	3/4	309.06	3/4	125.64		
7/8	672.90	7/8	489.05	7/8	305.24	7/8	121.83		
5	669.07	11	485.22	5	301.42	11	118.01		
1/8	665.24	1/8	481.39	1/8	297.60	1/8	114.19		
1/4	661.41	1/4	477.56	1/4	293.78	1/4	110.37		
3/8	657.58	3/8	473.73	3/8	289.95	3/8	106.55		
1/2	653.75	1/2	469.90	1/2	286.13	1/2	102.73		
5/8	649.92	5/8	466.07	5/8	282.31	5/8	98.92		
3/4	646.09	3/4	462.24	3/4	278.49	3/4	95.10		
7/8	642.26	7/8	458.41	7/8	274.67	7/8	91.45		

GAUGE LOCATED 24'-1" FORWARD OF AFT BULKHEAD, AND 18'-6 3/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**3 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-3"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6		0		6		0		6		0		6		0		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,967.46
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,966.16
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,964.86
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,963.57
1		7		1		7		1		7		1		7		1		7	11,962.27
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,960.69
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,959.11
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,957.53
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,955.95
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,954.37
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,952.79
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,951.21
2		8		2		8		2		8		2		8		2		8	11,949.63
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,947.77
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,945.90
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,944.04
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,942.18
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,940.31
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,938.45
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,936.59
3		9		3		9		3		9		3		9		3		9	11,934.72
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,932.58
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,930.43
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,928.28
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,926.14
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,923.99
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,921.84
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,919.70
4		10		4		10		4		10		4		10		4		10	11,917.55
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,915.12
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,912.69
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,910.26
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,907.83
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,905.40
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,902.97
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,900.54
5		11		5		11		5		11		5		11		5		11	11,898.11
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,895.39
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,892.68
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,889.97
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,887.25
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,884.54
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,881.83
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,879.11

GAUGE LOCATED 29'-3 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 1/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**3 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-3"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	11,876.40	6	11,705.80	0	11,521.01	6	11,336.21	0	11,151.42	6	10,966.62	0	10,781.83	6	10,597.03	0	10,412.24	6	10,227.44
1/8	11,873.40	1/8	11,701.95	1/8	11,517.16	1/8	11,332.36	1/8	11,147.57	1/8	10,962.77	1/8	10,777.98	1/8	10,593.18	1/8	10,408.39	1/8	10,223.59
1/4	11,870.41	1/4	11,698.11	1/4	11,513.31	1/4	11,328.51	1/4	11,143.72	1/4	10,958.92	1/4	10,774.13	1/4	10,589.33	1/4	10,404.54	1/4	10,219.74
3/8	11,867.41	3/8	11,694.26	3/8	11,509.46	3/8	11,324.66	3/8	11,139.87	3/8	10,955.07	3/8	10,770.28	3/8	10,585.48	3/8	10,400.69	3/8	10,215.89
1/2	11,864.41	1/2	11,690.41	1/2	11,505.61	1/2	11,320.81	1/2	11,136.02	1/2	10,951.22	1/2	10,766.43	1/2	10,581.63	1/2	10,396.84	1/2	10,212.04
5/8	11,861.41	5/8	11,686.56	5/8	11,501.76	5/8	11,316.96	5/8	11,132.17	5/8	10,947.37	5/8	10,762.58	5/8	10,577.78	5/8	10,392.99	5/8	10,208.19
3/4	11,858.42	3/4	11,682.71	3/4	11,497.91	3/4	11,313.12	3/4	11,128.32	3/4	10,943.52	3/4	10,758.73	3/4	10,573.93	3/4	10,389.14	3/4	10,204.34
7/8	11,855.42	7/8	11,678.86	7/8	11,494.06	7/8	11,309.27	7/8	11,124.47	7/8	10,939.67	7/8	10,754.88	7/8	10,570.08	7/8	10,385.29	7/8	10,200.49
1	11,852.42	7	11,675.01	1	11,490.21	7	11,305.42	1	11,120.62	7	10,935.82	1	10,751.03	7	10,566.23	1	10,381.44	7	10,196.64
1/8	11,849.14	1/8	11,671.16	1/8	11,486.36	1/8	11,301.57	1/8	11,116.77	1/8	10,931.97	1/8	10,747.18	1/8	10,562.38	1/8	10,377.59	1/8	10,192.79
1/4	11,845.86	1/4	11,667.31	1/4	11,482.51	1/4	11,297.72	1/4	11,112.92	1/4	10,928.13	1/4	10,743.33	1/4	10,558.53	1/4	10,373.74	1/4	10,188.94
3/8	11,842.58	3/8	11,663.46	3/8	11,478.66	3/8	11,293.87	3/8	11,109.07	3/8	10,924.28	3/8	10,739.48	3/8	10,554.68	3/8	10,369.89	3/8	10,185.09
1/2	11,839.30	1/2	11,659.61	1/2	11,474.81	1/2	11,290.02	1/2	11,105.22	1/2	10,920.43	1/2	10,735.63	1/2	10,550.83	1/2	10,366.04	1/2	10,181.24
5/8	11,836.02	5/8	11,655.76	5/8	11,470.96	5/8	11,286.17	5/8	11,101.37	5/8	10,916.58	5/8	10,731.78	5/8	10,546.98	5/8	10,362.19	5/8	10,177.39
3/4	11,832.74	3/4	11,651.91	3/4	11,467.11	3/4	11,282.32	3/4	11,097.52	3/4	10,912.73	3/4	10,727.93	3/4	10,543.14	3/4	10,358.34	3/4	10,173.54
7/8	11,829.46	7/8	11,648.06	7/8	11,463.26	7/8	11,278.47	7/8	11,093.67	7/8	10,908.88	7/8	10,724.08	7/8	10,539.29	7/8	10,354.49	7/8	10,169.69
2	11,826.18	8	11,644.21	2	11,459.41	8	11,274.62	2	11,089.82	8	10,905.03	2	10,720.23	8	10,535.44	2	10,350.64	8	10,165.84
1/8	11,822.62	1/8	11,640.36	1/8	11,455.56	1/8	11,270.77	1/8	11,085.97	1/8	10,901.18	1/8	10,716.38	1/8	10,531.59	1/8	10,346.79	1/8	10,161.99
1/4	11,819.06	1/4	11,636.51	1/4	11,451.71	1/4	11,266.92	1/4	11,082.12	1/4	10,897.33	1/4	10,712.53	1/4	10,527.74	1/4	10,342.94	1/4	10,158.15
3/8	11,815.49	3/8	11,632.66	3/8	11,447.86	3/8	11,263.07	3/8	11,078.27	3/8	10,893.48	3/8	10,708.68	3/8	10,523.89	3/8	10,339.09	3/8	10,154.30
1/2	11,811.93	1/2	11,628.81	1/2	11,444.01	1/2	11,259.22	1/2	11,074.42	1/2	10,889.63	1/2	10,704.83	1/2	10,520.04	1/2	10,335.24	1/2	10,150.45
5/8	11,808.37	5/8	11,624.96	5/8	11,440.16	5/8	11,255.37	5/8	11,070.57	5/8	10,885.78	5/8	10,700.98	5/8	10,516.19	5/8	10,331.39	5/8	10,146.60
3/4	11,804.81	3/4	11,621.11	3/4	11,436.31	3/4	11,251.52	3/4	11,066.72	3/4	10,881.93	3/4	10,697.13	3/4	10,512.34	3/4	10,327.54	3/4	10,142.75
7/8	11,801.25	7/8	11,617.26	7/8	11,432.46	7/8	11,247.67	7/8	11,062.87	7/8	10,878.08	7/8	10,693.28	7/8	10,508.49	7/8	10,323.69	7/8	10,138.90
3	11,797.68	9	11,613.41	3	11,428.61	9	11,243.82	3	11,059.02	9	10,874.23	3	10,689.43	9	10,504.64	3	10,319.84	9	10,135.05
1/8	11,793.90	1/8	11,609.56	1/8	11,424.76	1/8	11,239.97	1/8	11,055.17	1/8	10,870.38	1/8	10,685.58	1/8	10,500.79	1/8	10,315.99	1/8	10,131.20
1/4	11,790.11	1/4	11,605.71	1/4	11,420.91	1/4	11,236.12	1/4	11,051.32	1/4	10,866.53	1/4	10,681.73	1/4	10,496.94	1/4	10,312.14	1/4	10,127.35
3/8	11,786.33	3/8	11,601.86	3/8	11,417.06	3/8	11,232.27	3/8	11,047.47	3/8	10,862.68	3/8	10,677.88	3/8	10,493.09	3/8	10,308.29	3/8	10,123.50
1/2	11,782.54	1/2	11,598.01	1/2	11,413.21	1/2	11,228.42	1/2	11,043.62	1/2	10,858.83	1/2	10,674.03	1/2	10,489.24	1/2	10,304.44	1/2	10,119.65
5/8	11,778.76	5/8	11,594.16	5/8	11,409.36	5/8	11,224.57	5/8	11,039.77	5/8	10,854.98	5/8	10,670.18	5/8	10,485.39	5/8	10,300.59	5/8	10,115.80
3/4	11,774.97	3/4	11,590.31	3/4	11,405.51	3/4	11,220.72	3/4	11,035.92	3/4	10,851.13	3/4	10,666.33	3/4	10,481.54	3/4	10,296.74	3/4	10,111.95
7/8	11,771.19	7/8	11,586.46	7/8	11,401.66	7/8	11,216.87	7/8	11,032.07	7/8	10,847.28	7/8	10,662.48	7/8	10,477.69	7/8	10,292.89	7/8	10,108.10
4	11,767.40	10	11,582.61	4	11,397.81	10	11,213.02	4	11,028.22	10	10,843.43	4	10,658.63	10	10,473.84	4	10,289.04	10	10,104.25
1/8	11,763.55	1/8	11,578.76	1/8	11,393.96	1/8	11,209.17	1/8	11,024.37	1/8	10,839.58	1/8	10,654.78	1/8	10,469.99	1/8	10,285.19	1/8	10,100.40
1/4	11,759.70	1/4	11,574.91	1/4	11,390.11	1/4	11,205.32	1/4	11,020.52	1/4	10,835.73	1/4	10,650.93	1/4	10,466.14	1/4	10,281.34	1/4	10,096.55
3/8	11,755.85	3/8	11,571.06	3/8	11,386.26	3/8	11,201.47	3/8	11,016.67	3/8	10,831.88	3/8	10,647.08	3/8	10,462.29	3/8	10,277.49	3/8	10,092.70
1/2	11,752.00	1/2	11,567.21	1/2	11,382.41	1/2	11,197.62	1/2	11,012.82	1/2	10,828.03	1/2	10,643.23	1/2	10,458.44	1/2	10,273.64	1/2	10,088.85
5/8	11,748.15	5/8	11,563.36	5/8	11,378.56	5/8	11,193.77	5/8	11,008.97	5/8	10,824.18	5/8	10,639.38	5/8	10,454.59	5/8	10,269.79	5/8	10,085.00
3/4	11,744.30	3/4	11,559.51	3/4	11,374.71	3/4	11,189.92	3/4	11,005.12	3/4	10,820.33	3/4	10,635.53	3/4	10,450.74	3/4	10,265.94	3/4	10,081.15
7/8	11,740.45	7/8	11,555.66	7/8	11,370.86	7/8	11,186.07	7/8	11,001.27	7/8	10,816.48	7/8	10,631.68	7/8	10,446.89	7/8	10,262.09	7/8	10,077.30
5	11,736.60	11	11,551.81	5	11,367.01	11	11,182.22	5	10,997.42	11	10,812.63	5	10,627.83	11	10,443.04	5	10,258.24	11	10,073.45
1/8	11,732.75	1/8	11,547.96	1/8	11,363.16	1/8	11,178.37	1/8	10,993.57	1/8	10,808.78	1/8	10,623.98	1/8	10,439.19	1/8	10,254.39	1/8	10,069.60
1/4	11,728.90	1/4	11,544.11	1/4	11,359.31	1/4	11,174.52	1/4	10,989.72	1/4	10,804.93	1/4	10,620.13	1/4	10,435.34	1/4	10,250.54	1/4	10,065.75
3/8	11,725.05	3/8	11,540.26	3/8	11,355.46	3/8	11,170.67	3/8	10,985.87	3/8	10,801.08	3/8	10,616.28	3/8	10,431.49	3/8	10,246.69	3/8	10,061.90
1/2	11,721.20	1/2	11,536.41	1/2	11,351.61	1/2	11,166.82	1/2	10,982.02	1/2	10,797.23	1/2	10,612.43	1/2	10,427.64	1/2	10,242.84	1/2	10,058.05
5/8	11,717.35	5/8	11,532.56	5/8	11,347.76	5/8	11,162.97	5/8	10,978.17	5/8	10,793.38	5/8	10,608.58	5/8	10,423.79	5/8	10,238.99	5/8	10,054.20
3/4	11,713.50	3/4	11,528.71	3/4	11,343.91	3/4	11,159.12	3/4	10,974.32	3/4	10,789.53	3/4	10,604.73	3/4	10,419.94	3/4	10,235.14	3/4	10,050.35
7/8	11,709.65	7/8	11,524.86	7/8	11,340.06	7/8	11,155.27	7/8	10,970.47	7/8	10,785.68	7/8	10,600.88	7/8	10,416.09	7/8	10,231.29	7/8	10,046.50

GAUGE LOCATED 29'-3 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 1/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

3 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-3"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	10,042.65	6	9,857.85	0	9,673.06	6	9,488.26	0	9,303.47	6	9,118.67	0	8,933.88	6	8,749.08	0	8,564.29	6	8,379.49
1/8	10,038.80	1/8	9,854.00	1/8	9,669.21	1/8	9,484.41	1/8	9,299.62	1/8	9,114.82	1/8	8,930.03	1/8	8,745.23	1/8	8,560.44	1/8	8,375.64
1/4	10,034.95	1/4	9,850.15	1/4	9,665.36	1/4	9,480.56	1/4	9,295.77	1/4	9,110.97	1/4	8,926.18	1/4	8,741.38	1/4	8,556.59	1/4	8,371.79
3/8	10,031.10	3/8	9,846.30	3/8	9,661.51	3/8	9,476.71	3/8	9,291.92	3/8	9,107.12	3/8	8,922.33	3/8	8,737.53	3/8	8,552.74	3/8	8,367.94
1/2	10,027.25	1/2	9,842.45	1/2	9,657.66	1/2	9,472.86	1/2	9,288.07	1/2	9,103.27	1/2	8,918.48	1/2	8,733.68	1/2	8,548.89	1/2	8,364.09
5/8	10,023.40	5/8	9,838.60	5/8	9,653.81	5/8	9,469.01	5/8	9,284.22	5/8	9,099.42	5/8	8,914.63	5/8	8,729.83	5/8	8,545.04	5/8	8,360.24
3/4	10,019.55	3/4	9,834.75	3/4	9,649.96	3/4	9,465.16	3/4	9,280.37	3/4	9,095.57	3/4	8,910.78	3/4	8,725.98	3/4	8,541.19	3/4	8,356.39
7/8	10,015.70	7/8	9,830.90	7/8	9,646.11	7/8	9,461.31	7/8	9,276.52	7/8	9,091.72	7/8	8,906.93	7/8	8,722.13	7/8	8,537.34	7/8	8,352.54
1	10,011.85	7	9,827.05	1	9,642.26	7	9,457.46	1	9,272.67	7	9,087.87	1	8,903.08	7	8,718.28	1	8,533.49	7	8,348.69
1/8	10,008.00	1/8	9,823.20	1/8	9,638.41	1/8	9,453.61	1/8	9,268.82	1/8	9,084.02	1/8	8,899.23	1/8	8,714.43	1/8	8,529.64	1/8	8,344.84
1/4	10,004.15	1/4	9,819.35	1/4	9,634.56	1/4	9,449.76	1/4	9,264.97	1/4	9,080.17	1/4	8,895.38	1/4	8,710.58	1/4	8,525.79	1/4	8,340.99
3/8	10,000.30	3/8	9,815.50	3/8	9,630.71	3/8	9,445.91	3/8	9,261.12	3/8	9,076.32	3/8	8,891.53	3/8	8,706.73	3/8	8,521.94	3/8	8,337.14
1/2	9,996.45	1/2	9,811.65	1/2	9,626.86	1/2	9,442.06	1/2	9,257.27	1/2	9,072.47	1/2	8,887.68	1/2	8,702.88	1/2	8,518.09	1/2	8,333.29
5/8	9,992.60	5/8	9,807.80	5/8	9,623.01	5/8	9,438.21	5/8	9,253.42	5/8	9,068.62	5/8	8,883.83	5/8	8,699.03	5/8	8,514.24	5/8	8,329.44
3/4	9,988.75	3/4	9,803.95	3/4	9,619.16	3/4	9,434.36	3/4	9,249.57	3/4	9,064.77	3/4	8,879.98	3/4	8,695.18	3/4	8,510.39	3/4	8,325.59
7/8	9,984.90	7/8	9,800.10	7/8	9,615.31	7/8	9,430.51	7/8	9,245.72	7/8	9,060.92	7/8	8,876.13	7/8	8,691.33	7/8	8,506.54	7/8	8,321.74
2	9,981.05	8	9,796.25	2	9,611.46	8	9,426.66	2	9,241.87	8	9,057.07	2	8,872.28	8	8,687.48	2	8,502.69	8	8,317.89
1/8	9,977.20	1/8	9,792.40	1/8	9,607.61	1/8	9,422.81	1/8	9,238.02	1/8	9,053.22	1/8	8,868.43	1/8	8,683.63	1/8	8,498.84	1/8	8,314.04
1/4	9,973.35	1/4	9,788.55	1/4	9,603.76	1/4	9,418.96	1/4	9,234.17	1/4	9,049.37	1/4	8,864.58	1/4	8,679.78	1/4	8,494.99	1/4	8,310.19
3/8	9,969.50	3/8	9,784.70	3/8	9,599.91	3/8	9,415.11	3/8	9,230.32	3/8	9,045.52	3/8	8,860.73	3/8	8,675.93	3/8	8,491.14	3/8	8,306.34
1/2	9,965.65	1/2	9,780.85	1/2	9,596.06	1/2	9,411.26	1/2	9,226.47	1/2	9,041.67	1/2	8,856.88	1/2	8,672.08	1/2	8,487.29	1/2	8,302.49
5/8	9,961.80	5/8	9,777.00	5/8	9,592.21	5/8	9,407.41	5/8	9,222.62	5/8	9,037.82	5/8	8,853.03	5/8	8,668.23	5/8	8,483.44	5/8	8,298.64
3/4	9,957.95	3/4	9,773.16	3/4	9,588.36	3/4	9,403.56	3/4	9,218.77	3/4	9,033.97	3/4	8,849.18	3/4	8,664.38	3/4	8,479.59	3/4	8,294.79
7/8	9,954.10	7/8	9,769.31	7/8	9,584.51	7/8	9,399.71	7/8	9,214.92	7/8	9,030.12	7/8	8,845.33	7/8	8,660.53	7/8	8,475.74	7/8	8,290.94
3	9,950.25	9	9,765.46	3	9,580.66	9	9,395.86	3	9,211.07	9	9,026.27	3	8,841.48	9	8,656.68	3	8,471.89	9	8,287.09
1/8	9,946.40	1/8	9,761.61	1/8	9,576.81	1/8	9,392.01	1/8	9,207.22	1/8	9,022.42	1/8	8,837.63	1/8	8,652.83	1/8	8,468.04	1/8	8,283.24
1/4	9,942.55	1/4	9,757.76	1/4	9,572.96	1/4	9,388.17	1/4	9,203.37	1/4	9,018.57	1/4	8,833.78	1/4	8,648.98	1/4	8,464.19	1/4	8,279.39
3/8	9,938.70	3/8	9,753.91	3/8	9,569.11	3/8	9,384.32	3/8	9,199.52	3/8	9,014.72	3/8	8,829.93	3/8	8,645.13	3/8	8,460.34	3/8	8,275.54
1/2	9,934.85	1/2	9,750.06	1/2	9,565.26	1/2	9,380.47	1/2	9,195.67	1/2	9,010.87	1/2	8,826.08	1/2	8,641.28	1/2	8,456.49	1/2	8,271.69
5/8	9,931.00	5/8	9,746.21	5/8	9,561.41	5/8	9,376.62	5/8	9,191.82	5/8	9,007.02	5/8	8,822.23	5/8	8,637.43	5/8	8,452.64	5/8	8,267.84
3/4	9,927.15	3/4	9,742.36	3/4	9,557.56	3/4	9,372.77	3/4	9,187.97	3/4	9,003.18	3/4	8,818.38	3/4	8,633.58	3/4	8,448.79	3/4	8,263.99
7/8	9,923.30	7/8	9,738.51	7/8	9,553.71	7/8	9,368.92	7/8	9,184.12	7/8	8,999.33	7/8	8,814.53	7/8	8,629.73	7/8	8,444.94	7/8	8,260.14
4	9,919.45	10	9,734.66	4	9,549.86	10	9,365.07	4	9,180.27	10	8,995.48	4	8,810.68	10	8,625.88	4	8,441.09	10	8,256.29
1/8	9,915.60	1/8	9,730.81	1/8	9,546.01	1/8	9,361.22	1/8	9,176.42	1/8	8,991.63	1/8	8,806.83	1/8	8,622.03	1/8	8,437.24	1/8	8,252.44
1/4	9,911.75	1/4	9,726.96	1/4	9,542.16	1/4	9,357.37	1/4	9,172.57	1/4	8,987.78	1/4	8,802.98	1/4	8,618.19	1/4	8,433.39	1/4	8,248.59
3/8	9,907.90	3/8	9,723.11	3/8	9,538.31	3/8	9,353.52	3/8	9,168.72	3/8	8,983.93	3/8	8,799.13	3/8	8,614.34	3/8	8,429.54	3/8	8,244.74
1/2	9,904.05	1/2	9,719.26	1/2	9,534.46	1/2	9,349.67	1/2	9,164.87	1/2	8,980.08	1/2	8,795.28	1/2	8,610.49	1/2	8,425.69	1/2	8,240.89
5/8	9,900.20	5/8	9,715.41	5/8	9,530.61	5/8	9,345.82	5/8	9,161.02	5/8	8,976.23	5/8	8,791.43	5/8	8,606.64	5/8	8,421.84	5/8	8,237.04
3/4	9,896.35	3/4	9,711.56	3/4	9,526.76	3/4	9,341.97	3/4	9,157.17	3/4	8,972.38	3/4	8,787.58	3/4	8,602.79	3/4	8,417.99	3/4	8,233.20
7/8	9,892.50	7/8	9,707.71	7/8	9,522.91	7/8	9,338.12	7/8	9,153.32	7/8	8,968.53	7/8	8,783.73	7/8	8,598.94	7/8	8,414.14	7/8	8,229.35
5	9,888.65	11	9,703.86	5	9,519.06	11	9,334.27	5	9,149.47	11	8,964.68	5	8,779.88	11	8,595.09	5	8,410.29	11	8,225.50
1/8	9,884.80	1/8	9,700.01	1/8	9,515.21	1/8	9,330.42	1/8	9,145.62	1/8	8,960.83	1/8	8,776.03	1/8	8,591.24	1/8	8,406.44	1/8	8,221.65
1/4	9,880.95	1/4	9,696.16	1/4	9,511.36	1/4	9,326.57	1/4	9,141.77	1/4	8,956.98	1/4	8,772.18	1/4	8,587.39	1/4	8,402.59	1/4	8,217.80
3/8	9,877.10	3/8	9,692.31	3/8	9,507.51	3/8	9,322.72	3/8	9,137.92	3/8	8,953.13	3/8	8,768.33	3/8	8,583.54	3/8	8,398.74	3/8	8,213.95
1/2	9,873.25	1/2	9,688.46	1/2	9,503.66	1/2	9,318.87	1/2	9,134.07	1/2	8,949.28	1/2	8,764.48	1/2	8,579.69	1/2	8,394.89	1/2	8,210.10
5/8	9,869.40	5/8	9,684.61	5/8	9,499.81	5/8	9,315.02	5/8	9,130.22	5/8	8,945.43	5/8	8,760.63	5/8	8,575.84	5/8	8,391.04	5/8	8,206.25
3/4	9,865.55	3/4	9,680.76	3/4	9,495.96	3/4	9,311.17	3/4	9,126.37	3/4	8,941.58	3/4	8,756.78	3/4	8,571.99	3/4	8,387.19	3/4	8,202.40
7/8	9,861.70	7/8	9,676.91	7/8	9,492.11	7/8	9,307.32	7/8	9,122.52	7/8	8,937.73	7/8	8,752.93	7/8	8,568.14	7/8	8,383.34	7/8	8,198.55

GAUGE LOCATED 29'-3 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 1/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**3 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-3"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	8,194.70	6	8,009.90	0	7,825.11	6	7,640.31	0	7,455.52	6	7,270.72	0	7,085.92	6	6,901.13	0	6,716.33	6	6,531.54
1/8	8,190.85	1/8	8,006.05	1/8	7,821.26	1/8	7,636.46	1/8	7,451.67	1/8	7,266.87	1/8	7,082.07	1/8	6,897.28	1/8	6,712.48	1/8	6,527.69
1/4	8,187.00	1/4	8,002.20	1/4	7,817.41	1/4	7,632.61	1/4	7,447.82	1/4	7,263.02	1/4	7,078.23	1/4	6,893.43	1/4	6,708.63	1/4	6,523.84
3/8	8,183.15	3/8	7,998.35	3/8	7,813.56	3/8	7,628.76	3/8	7,443.97	3/8	7,259.17	3/8	7,074.38	3/8	6,889.58	3/8	6,704.78	3/8	6,519.99
1/2	8,179.30	1/2	7,994.50	1/2	7,809.71	1/2	7,624.91	1/2	7,440.12	1/2	7,255.32	1/2	7,070.53	1/2	6,885.73	1/2	6,700.93	1/2	6,516.14
5/8	8,175.45	5/8	7,990.65	5/8	7,805.86	5/8	7,621.06	5/8	7,436.27	5/8	7,251.47	5/8	7,066.68	5/8	6,881.88	5/8	6,697.08	5/8	6,512.29
3/4	8,171.60	3/4	7,986.80	3/4	7,802.01	3/4	7,617.21	3/4	7,432.42	3/4	7,247.62	3/4	7,062.83	3/4	6,878.03	3/4	6,693.24	3/4	6,508.44
7/8	8,167.75	7/8	7,982.95	7/8	7,798.16	7/8	7,613.36	7/8	7,428.57	7/8	7,243.77	7/8	7,058.98	7/8	6,874.18	7/8	6,689.39	7/8	6,504.59
1	8,163.90	7	7,979.10	1	7,794.31	7	7,609.51	1	7,424.72	7	7,239.92	1	7,055.13	7	6,870.33	1	6,685.54	7	6,500.74
1/8	8,160.05	1/8	7,975.25	1/8	7,790.46	1/8	7,605.66	1/8	7,420.87	1/8	7,236.07	1/8	7,051.28	1/8	6,866.48	1/8	6,681.69	1/8	6,496.89
1/4	8,156.20	1/4	7,971.40	1/4	7,786.61	1/4	7,601.81	1/4	7,417.02	1/4	7,232.22	1/4	7,047.43	1/4	6,862.63	1/4	6,677.84	1/4	6,493.04
3/8	8,152.35	3/8	7,967.55	3/8	7,782.76	3/8	7,597.96	3/8	7,413.17	3/8	7,228.37	3/8	7,043.58	3/8	6,858.78	3/8	6,673.99	3/8	6,489.19
1/2	8,148.50	1/2	7,963.70	1/2	7,778.91	1/2	7,594.11	1/2	7,409.32	1/2	7,224.52	1/2	7,039.73	1/2	6,854.93	1/2	6,670.14	1/2	6,485.34
5/8	8,144.65	5/8	7,959.85	5/8	7,775.06	5/8	7,590.26	5/8	7,405.47	5/8	7,220.67	5/8	7,035.88	5/8	6,851.08	5/8	6,666.29	5/8	6,481.49
3/4	8,140.80	3/4	7,956.00	3/4	7,771.21	3/4	7,586.41	3/4	7,401.62	3/4	7,216.82	3/4	7,032.03	3/4	6,847.23	3/4	6,662.44	3/4	6,477.64
7/8	8,136.95	7/8	7,952.15	7/8	7,767.36	7/8	7,582.56	7/8	7,397.77	7/8	7,212.97	7/8	7,028.18	7/8	6,843.38	7/8	6,658.59	7/8	6,473.79
2	8,133.10	8	7,948.30	2	7,763.51	8	7,578.71	2	7,393.92	8	7,209.12	2	7,024.33	8	6,839.53	2	6,654.74	8	6,469.94
1/8	8,129.25	1/8	7,944.45	1/8	7,759.66	1/8	7,574.86	1/8	7,390.07	1/8	7,205.27	1/8	7,020.48	1/8	6,835.68	1/8	6,650.89	1/8	6,466.09
1/4	8,125.40	1/4	7,940.60	1/4	7,755.81	1/4	7,571.01	1/4	7,386.22	1/4	7,201.42	1/4	7,016.63	1/4	6,831.83	1/4	6,647.04	1/4	6,462.24
3/8	8,121.55	3/8	7,936.75	3/8	7,751.96	3/8	7,567.16	3/8	7,382.37	3/8	7,197.57	3/8	7,012.78	3/8	6,827.98	3/8	6,643.19	3/8	6,458.39
1/2	8,117.70	1/2	7,932.90	1/2	7,748.11	1/2	7,563.31	1/2	7,378.52	1/2	7,193.72	1/2	7,008.93	1/2	6,824.13	1/2	6,639.34	1/2	6,454.54
5/8	8,113.85	5/8	7,929.05	5/8	7,744.26	5/8	7,559.46	5/8	7,374.67	5/8	7,189.87	5/8	7,005.08	5/8	6,820.28	5/8	6,635.49	5/8	6,450.69
3/4	8,110.00	3/4	7,925.20	3/4	7,740.41	3/4	7,555.61	3/4	7,370.82	3/4	7,186.02	3/4	7,001.23	3/4	6,816.43	3/4	6,631.64	3/4	6,446.84
7/8	8,106.15	7/8	7,921.35	7/8	7,736.56	7/8	7,551.76	7/8	7,366.97	7/8	7,182.17	7/8	6,997.38	7/8	6,812.58	7/8	6,627.79	7/8	6,442.99
3	8,102.30	9	7,917.50	3	7,732.71	9	7,547.91	3	7,363.12	9	7,178.32	3	6,993.53	9	6,808.73	3	6,623.94	9	6,439.14
1/8	8,098.45	1/8	7,913.65	1/8	7,728.86	1/8	7,544.06	1/8	7,359.27	1/8	7,174.47	1/8	6,989.68	1/8	6,804.88	1/8	6,620.09	1/8	6,435.29
1/4	8,094.60	1/4	7,909.80	1/4	7,725.01	1/4	7,540.21	1/4	7,355.42	1/4	7,170.62	1/4	6,985.83	1/4	6,801.03	1/4	6,616.24	1/4	6,431.44
3/8	8,090.75	3/8	7,905.95	3/8	7,721.16	3/8	7,536.36	3/8	7,351.57	3/8	7,166.77	3/8	6,981.98	3/8	6,797.18	3/8	6,612.39	3/8	6,427.59
1/2	8,086.90	1/2	7,902.10	1/2	7,717.31	1/2	7,532.51	1/2	7,347.72	1/2	7,162.92	1/2	6,978.13	1/2	6,793.33	1/2	6,608.54	1/2	6,423.74
5/8	8,083.05	5/8	7,898.25	5/8	7,713.46	5/8	7,528.66	5/8	7,343.87	5/8	7,159.07	5/8	6,974.28	5/8	6,789.48	5/8	6,604.69	5/8	6,419.89
3/4	8,079.20	3/4	7,894.40	3/4	7,709.61	3/4	7,524.81	3/4	7,340.02	3/4	7,155.22	3/4	6,970.43	3/4	6,785.63	3/4	6,600.84	3/4	6,416.04
7/8	8,075.35	7/8	7,890.55	7/8	7,705.76	7/8	7,520.96	7/8	7,336.17	7/8	7,151.37	7/8	6,966.58	7/8	6,781.78	7/8	6,596.99	7/8	6,412.19
4	8,071.50	10	7,886.70	4	7,701.91	10	7,517.11	4	7,332.32	10	7,147.52	4	6,962.73	10	6,777.93	4	6,593.14	10	6,408.34
1/8	8,067.65	1/8	7,882.85	1/8	7,698.06	1/8	7,513.26	1/8	7,328.47	1/8	7,143.67	1/8	6,958.88	1/8	6,774.08	1/8	6,589.29	1/8	6,404.49
1/4	8,063.80	1/4	7,879.00	1/4	7,694.21	1/4	7,509.41	1/4	7,324.62	1/4	7,139.82	1/4	6,955.03	1/4	6,770.23	1/4	6,585.44	1/4	6,400.64
3/8	8,059.95	3/8	7,875.15	3/8	7,690.36	3/8	7,505.56	3/8	7,320.77	3/8	7,135.97	3/8	6,951.18	3/8	6,766.38	3/8	6,581.59	3/8	6,396.79
1/2	8,056.10	1/2	7,871.30	1/2	7,686.51	1/2	7,501.71	1/2	7,316.92	1/2	7,132.12	1/2	6,947.33	1/2	6,762.53	1/2	6,577.74	1/2	6,392.94
5/8	8,052.25	5/8	7,867.45	5/8	7,682.66	5/8	7,497.86	5/8	7,313.07	5/8	7,128.27	5/8	6,943.48	5/8	6,758.68	5/8	6,573.89	5/8	6,389.09
3/4	8,048.40	3/4	7,863.60	3/4	7,678.81	3/4	7,494.01	3/4	7,309.22	3/4	7,124.42	3/4	6,939.63	3/4	6,754.83	3/4	6,570.04	3/4	6,385.24
7/8	8,044.55	7/8	7,859.75	7/8	7,674.96	7/8	7,490.16	7/8	7,305.37	7/8	7,120.57	7/8	6,935.78	7/8	6,750.98	7/8	6,566.19	7/8	6,381.39
5	8,040.70	11	7,855.90	5	7,671.11	11	7,486.31	5	7,301.52	11	7,116.72	5	6,931.93	11	6,747.13	5	6,562.34	11	6,377.54
1/8	8,036.85	1/8	7,852.05	1/8	7,667.26	1/8	7,482.46	1/8	7,297.67	1/8	7,112.87	1/8	6,928.08	1/8	6,743.28	1/8	6,558.49	1/8	6,373.69
1/4	8,033.00	1/4	7,848.21	1/4	7,663.41	1/4	7,478.61	1/4	7,293.82	1/4	7,109.02	1/4	6,924.23	1/4	6,739.43	1/4	6,554.64	1/4	6,369.84
3/8	8,029.15	3/8	7,844.36	3/8	7,659.56	3/8	7,474.76	3/8	7,289.97	3/8	7,105.17	3/8	6,920.38	3/8	6,735.58	3/8	6,550.79	3/8	6,365.99
1/2	8,025.30	1/2	7,840.51	1/2	7,655.71	1/2	7,470.91	1/2	7,286.12	1/2	7,101.32	1/2	6,916.53	1/2	6,731.73	1/2	6,546.94	1/2	6,362.14
5/8	8,021.45	5/8	7,836.66	5/8	7,651.86	5/8	7,467.06	5/8	7,282.27	5/8	7,097.47	5/8	6,912.68	5/8	6,727.88	5/8	6,543.09	5/8	6,358.29
3/4	8,017.60	3/4	7,832.81	3/4	7,648.01	3/4	7,463.22	3/4	7,278.42	3/4	7,093.62	3/4	6,908.83	3/4	6,724.03	3/4	6,539.24	3/4	6,354.44
7/8	8,013.75	7/8	7,828.96	7/8	7,644.16	7/8	7,459.37	7/8	7,274.57	7/8	7,089.77	7/8	6,904.98	7/8	6,720.18	7/8	6,535.39	7/8	6,350.59

GAUGE LOCATED 29'-3 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 1/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**3 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-3"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	6,346.74	6	6,161.95	0	5,977.15	6	5,792.36	0	5,607.56	6	5,422.77	0	5,237.97	6	5,053.18	0	4,868.38	6	4,683.59
1/8	6,342.89	1/8	6,158.10	1/8	5,973.30	1/8	5,788.51	1/8	5,603.71	1/8	5,418.92	1/8	5,234.12	1/8	5,049.33	1/8	4,864.53	1/8	4,679.74
1/4	6,339.04	1/4	6,154.25	1/4	5,969.45	1/4	5,784.66	1/4	5,599.86	1/4	5,415.07	1/4	5,230.27	1/4	5,045.48	1/4	4,860.68	1/4	4,675.89
3/8	6,335.19	3/8	6,150.40	3/8	5,965.60	3/8	5,780.81	3/8	5,596.01	3/8	5,411.22	3/8	5,226.42	3/8	5,041.63	3/8	4,856.83	3/8	4,672.04
1/2	6,331.34	1/2	6,146.55	1/2	5,961.75	1/2	5,776.96	1/2	5,592.16	1/2	5,407.37	1/2	5,222.57	1/2	5,037.78	1/2	4,852.98	1/2	4,668.19
5/8	6,327.49	5/8	6,142.70	5/8	5,957.90	5/8	5,773.11	5/8	5,588.31	5/8	5,403.52	5/8	5,218.72	5/8	5,033.93	5/8	4,849.13	5/8	4,664.34
3/4	6,323.64	3/4	6,138.85	3/4	5,954.05	3/4	5,769.26	3/4	5,584.46	3/4	5,399.67	3/4	5,214.87	3/4	5,030.08	3/4	4,845.28	3/4	4,660.49
7/8	6,319.79	7/8	6,135.00	7/8	5,950.20	7/8	5,765.41	7/8	5,580.61	7/8	5,395.82	7/8	5,211.02	7/8	5,026.23	7/8	4,841.43	7/8	4,656.64
1	6,315.94	7	6,131.15	1	5,946.35	7	5,761.56	1	5,576.76	7	5,391.97	1	5,207.17	7	5,022.38	1	4,837.58	7	4,652.79
1/8	6,312.09	1/8	6,127.30	1/8	5,942.50	1/8	5,757.71	1/8	5,572.91	1/8	5,388.12	1/8	5,203.32	1/8	5,018.53	1/8	4,833.73	1/8	4,648.94
1/4	6,308.25	1/4	6,123.45	1/4	5,938.65	1/4	5,753.86	1/4	5,569.06	1/4	5,384.27	1/4	5,199.47	1/4	5,014.68	1/4	4,829.88	1/4	4,645.09
3/8	6,304.40	3/8	6,119.60	3/8	5,934.80	3/8	5,750.01	3/8	5,565.21	3/8	5,380.42	3/8	5,195.62	3/8	5,010.83	3/8	4,826.03	3/8	4,641.24
1/2	6,300.55	1/2	6,115.75	1/2	5,930.95	1/2	5,746.16	1/2	5,561.36	1/2	5,376.57	1/2	5,191.77	1/2	5,006.98	1/2	4,822.18	1/2	4,637.39
5/8	6,296.70	5/8	6,111.90	5/8	5,927.10	5/8	5,742.31	5/8	5,557.51	5/8	5,372.72	5/8	5,187.92	5/8	5,003.13	5/8	4,818.33	5/8	4,633.54
3/4	6,292.85	3/4	6,108.05	3/4	5,923.26	3/4	5,738.46	3/4	5,553.66	3/4	5,368.87	3/4	5,184.07	3/4	4,999.28	3/4	4,814.48	3/4	4,629.69
7/8	6,289.00	7/8	6,104.20	7/8	5,919.41	7/8	5,734.61	7/8	5,549.81	7/8	5,365.02	7/8	5,180.22	7/8	4,995.43	7/8	4,810.63	7/8	4,625.84
2	6,285.15	8	6,100.35	2	5,915.56	8	5,730.76	2	5,545.96	8	5,361.17	2	5,176.37	8	4,991.58	2	4,806.78	8	4,621.99
1/8	6,281.30	1/8	6,096.50	1/8	5,911.71	1/8	5,726.91	1/8	5,542.11	1/8	5,357.32	1/8	5,172.52	1/8	4,987.73	1/8	4,802.93	1/8	4,618.14
1/4	6,277.45	1/4	6,092.65	1/4	5,907.86	1/4	5,723.06	1/4	5,538.27	1/4	5,353.47	1/4	5,168.67	1/4	4,983.88	1/4	4,799.08	1/4	4,614.29
3/8	6,273.60	3/8	6,088.80	3/8	5,904.01	3/8	5,719.21	3/8	5,534.42	3/8	5,349.62	3/8	5,164.82	3/8	4,980.03	3/8	4,795.23	3/8	4,610.44
1/2	6,269.75	1/2	6,084.95	1/2	5,900.16	1/2	5,715.36	1/2	5,530.57	1/2	5,345.77	1/2	5,160.97	1/2	4,976.18	1/2	4,791.38	1/2	4,606.59
5/8	6,265.90	5/8	6,081.10	5/8	5,896.31	5/8	5,711.51	5/8	5,526.72	5/8	5,341.92	5/8	5,157.12	5/8	4,972.33	5/8	4,787.53	5/8	4,602.74
3/4	6,262.05	3/4	6,077.25	3/4	5,892.46	3/4	5,707.66	3/4	5,522.87	3/4	5,338.07	3/4	5,153.28	3/4	4,968.48	3/4	4,783.68	3/4	4,598.89
7/8	6,258.20	7/8	6,073.40	7/8	5,888.61	7/8	5,703.81	7/8	5,519.02	7/8	5,334.22	7/8	5,149.43	7/8	4,964.63	7/8	4,779.83	7/8	4,595.04
3	6,254.35	9	6,069.55	3	5,884.76	9	5,699.96	3	5,515.17	9	5,330.37	3	5,145.58	9	4,960.78	3	4,775.98	9	4,591.19
1/8	6,250.50	1/8	6,065.70	1/8	5,880.91	1/8	5,696.11	1/8	5,511.32	1/8	5,326.52	1/8	5,141.73	1/8	4,956.93	1/8	4,772.13	1/8	4,587.34
1/4	6,246.65	1/4	6,061.85	1/4	5,877.06	1/4	5,692.26	1/4	5,507.47	1/4	5,322.67	1/4	5,137.88	1/4	4,953.08	1/4	4,768.29	1/4	4,583.49
3/8	6,242.80	3/8	6,058.00	3/8	5,873.21	3/8	5,688.41	3/8	5,503.62	3/8	5,318.82	3/8	5,134.03	3/8	4,949.23	3/8	4,764.44	3/8	4,579.64
1/2	6,238.95	1/2	6,054.15	1/2	5,869.36	1/2	5,684.56	1/2	5,499.77	1/2	5,314.97	1/2	5,130.18	1/2	4,945.38	1/2	4,760.59	1/2	4,575.79
5/8	6,235.10	5/8	6,050.30	5/8	5,865.51	5/8	5,680.71	5/8	5,495.92	5/8	5,311.12	5/8	5,126.33	5/8	4,941.53	5/8	4,756.74	5/8	4,571.94
3/4	6,231.25	3/4	6,046.45	3/4	5,861.66	3/4	5,676.86	3/4	5,492.07	3/4	5,307.27	3/4	5,122.48	3/4	4,937.68	3/4	4,752.89	3/4	4,568.09
7/8	6,227.40	7/8	6,042.60	7/8	5,857.81	7/8	5,673.01	7/8	5,488.22	7/8	5,303.42	7/8	5,118.63	7/8	4,933.83	7/8	4,749.04	7/8	4,564.24
4	6,223.55	10	6,038.75	4	5,853.96	10	5,669.16	4	5,484.37	10	5,299.57	4	5,114.78	10	4,929.98	4	4,745.19	10	4,560.39
1/8	6,219.70	1/8	6,034.90	1/8	5,850.11	1/8	5,665.31	1/8	5,480.52	1/8	5,295.72	1/8	5,110.93	1/8	4,926.13	1/8	4,741.34	1/8	4,556.54
1/4	6,215.85	1/4	6,031.05	1/4	5,846.26	1/4	5,661.46	1/4	5,476.67	1/4	5,291.87	1/4	5,107.08	1/4	4,922.28	1/4	4,737.49	1/4	4,552.69
3/8	6,212.00	3/8	6,027.20	3/8	5,842.41	3/8	5,657.61	3/8	5,472.82	3/8	5,288.02	3/8	5,103.23	3/8	4,918.43	3/8	4,733.64	3/8	4,548.84
1/2	6,208.15	1/2	6,023.35	1/2	5,838.56	1/2	5,653.76	1/2	5,468.97	1/2	5,284.17	1/2	5,099.38	1/2	4,914.58	1/2	4,729.79	1/2	4,544.99
5/8	6,204.30	5/8	6,019.50	5/8	5,834.71	5/8	5,649.91	5/8	5,465.12	5/8	5,280.32	5/8	5,095.53	5/8	4,910.73	5/8	4,725.94	5/8	4,541.14
3/4	6,200.45	3/4	6,015.65	3/4	5,830.86	3/4	5,646.06	3/4	5,461.27	3/4	5,276.47	3/4	5,091.68	3/4	4,906.88	3/4	4,722.09	3/4	4,537.29
7/8	6,196.60	7/8	6,011.80	7/8	5,827.01	7/8	5,642.21	7/8	5,457.42	7/8	5,272.62	7/8	5,087.83	7/8	4,903.03	7/8	4,718.24	7/8	4,533.44
5	6,192.75	11	6,007.95	5	5,823.16	11	5,638.36	5	5,453.57	11	5,268.77	5	5,083.98	11	4,899.18	5	4,714.39	11	4,529.59
1/8	6,188.90	1/8	6,004.10	1/8	5,819.31	1/8	5,634.51	1/8	5,449.72	1/8	5,264.92	1/8	5,080.13	1/8	4,895.33	1/8	4,710.54	1/8	4,525.74
1/4	6,185.05	1/4	6,000.25	1/4	5,815.46	1/4	5,630.66	1/4	5,445.87	1/4	5,261.07	1/4	5,076.28	1/4	4,891.48	1/4	4,706.69	1/4	4,521.89
3/8	6,181.20	3/8	5,996.40	3/8	5,811.61	3/8	5,626.81	3/8	5,442.02	3/8	5,257.22	3/8	5,072.43	3/8	4,887.63	3/8	4,702.84	3/8	4,518.04
1/2	6,177.35	1/2	5,992.55	1/2	5,807.76	1/2	5,622.96	1/2	5,438.17	1/2	5,253.37	1/2	5,068.58	1/2	4,883.78	1/2	4,698.99	1/2	4,514.19
5/8	6,173.50	5/8	5,988.70	5/8	5,803.91	5/8	5,619.11	5/8	5,434.32	5/8	5,249.52	5/8	5,064.73	5/8	4,879.93	5/8	4,695.14	5/8	4,510.34
3/4	6,169.65	3/4	5,984.85	3/4	5,800.06	3/4	5,615.26	3/4	5,430.47	3/4	5,245.67	3/4	5,060.88	3/4	4,876.08	3/4	4,691.29	3/4	4,506.49
7/8	6,165.80	7/8	5,981.00	7/8	5,796.21	7/8	5,611.41	7/8	5,426.62	7/8	5,241.82	7/8	5,057.03	7/8	4,872.23	7/8	4,687.44	7/8	4,502.64

GAUGE LOCATED 29'-3 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 1/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**3 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-3"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	4,498.79	6	4,314.00	0	4,130.72	6	3,949.97	0	3,767.83	6	3,583.41	0	3,398.99	6	3,214.57	0	3,030.15	6	2,845.73
1/8	4,494.94	1/8	4,310.15	1/8	4,126.95	1/8	3,946.21	1/8	3,763.99	1/8	3,579.57	1/8	3,395.15	1/8	3,210.73	1/8	3,026.30	1/8	2,841.88
1/4	4,491.09	1/4	4,306.30	1/4	4,123.18	1/4	3,942.44	1/4	3,760.15	1/4	3,575.72	1/4	3,391.30	1/4	3,206.88	1/4	3,022.46	1/4	2,838.04
3/8	4,487.24	3/8	4,302.45	3/8	4,119.42	3/8	3,938.67	3/8	3,756.30	3/8	3,571.88	3/8	3,387.46	3/8	3,203.04	3/8	3,018.62	3/8	2,834.20
1/2	4,483.39	1/2	4,298.60	1/2	4,115.65	1/2	3,934.91	1/2	3,752.46	1/2	3,568.04	1/2	3,383.62	1/2	3,199.20	1/2	3,014.78	1/2	2,830.36
5/8	4,479.54	5/8	4,294.75	5/8	4,111.89	5/8	3,931.14	5/8	3,748.62	5/8	3,564.20	5/8	3,379.78	5/8	3,195.36	5/8	3,010.94	5/8	2,826.52
3/4	4,475.69	3/4	4,290.90	3/4	4,108.12	3/4	3,927.38	3/4	3,744.78	3/4	3,560.36	3/4	3,375.94	3/4	3,191.51	3/4	3,007.09	3/4	2,822.67
7/8	4,471.84	7/8	4,287.05	7/8	4,104.36	7/8	3,923.61	7/8	3,740.93	7/8	3,556.51	7/8	3,372.09	7/8	3,187.67	7/8	3,003.25	7/8	2,818.83
1	4,467.99	7	4,283.20	1	4,100.59	7	3,919.85	1	3,737.09	7	3,552.67	1	3,368.25	7	3,183.83	1	2,999.41	7	2,814.99
1/8	4,464.14	1/8	4,279.35	1/8	4,096.83	1/8	3,916.08	1/8	3,733.25	1/8	3,548.83	1/8	3,364.41	1/8	3,179.99	1/8	2,995.57	1/8	2,811.15
1/4	4,460.29	1/4	4,275.50	1/4	4,093.06	1/4	3,912.32	1/4	3,729.41	1/4	3,544.99	1/4	3,360.57	1/4	3,176.15	1/4	2,991.73	1/4	2,807.30
3/8	4,456.44	3/8	4,271.65	3/8	4,089.29	3/8	3,908.55	3/8	3,725.57	3/8	3,541.15	3/8	3,356.72	3/8	3,172.30	3/8	2,987.88	3/8	2,803.46
1/2	4,452.59	1/2	4,267.80	1/2	4,085.53	1/2	3,904.79	1/2	3,721.72	1/2	3,537.30	1/2	3,352.88	1/2	3,168.46	1/2	2,984.04	1/2	2,799.62
5/8	4,448.74	5/8	4,263.95	5/8	4,081.76	5/8	3,901.02	5/8	3,717.88	5/8	3,533.46	5/8	3,349.04	5/8	3,164.62	5/8	2,980.20	5/8	2,795.78
3/4	4,444.89	3/4	4,260.10	3/4	4,078.00	3/4	3,897.25	3/4	3,714.04	3/4	3,529.62	3/4	3,345.20	3/4	3,160.78	3/4	2,976.36	3/4	2,791.94
7/8	4,441.04	7/8	4,256.25	7/8	4,074.23	7/8	3,893.49	7/8	3,710.20	7/8	3,525.78	7/8	3,341.36	7/8	3,156.94	7/8	2,972.51	7/8	2,788.09
2	4,437.19	8	4,252.40	2	4,070.47	8	3,889.72	2	3,706.36	8	3,521.94	2	3,337.51	8	3,153.09	2	2,968.67	8	2,784.25
1/8	4,433.34	1/8	4,248.55	1/8	4,066.70	1/8	3,885.96	1/8	3,702.51	1/8	3,518.09	1/8	3,333.67	1/8	3,149.25	1/8	2,964.83	1/8	2,780.41
1/4	4,429.49	1/4	4,244.70	1/4	4,062.94	1/4	3,882.19	1/4	3,698.67	1/4	3,514.25	1/4	3,329.83	1/4	3,145.41	1/4	2,960.99	1/4	2,776.57
3/8	4,425.64	3/8	4,240.85	3/8	4,059.17	3/8	3,878.43	3/8	3,694.83	3/8	3,510.41	3/8	3,325.99	3/8	3,141.57	3/8	2,957.15	3/8	2,772.73
1/2	4,421.79	1/2	4,237.00	1/2	4,055.41	1/2	3,874.66	1/2	3,690.99	1/2	3,506.57	1/2	3,322.15	1/2	3,137.73	1/2	2,953.30	1/2	2,768.88
5/8	4,417.94	5/8	4,233.15	5/8	4,051.64	5/8	3,870.90	5/8	3,687.15	5/8	3,502.72	5/8	3,318.30	5/8	3,133.88	5/8	2,949.46	5/8	2,765.04
3/4	4,414.09	3/4	4,229.30	3/4	4,047.87	3/4	3,867.13	3/4	3,683.30	3/4	3,498.88	3/4	3,314.46	3/4	3,130.04	3/4	2,945.62	3/4	2,761.20
7/8	4,410.24	7/8	4,225.45	7/8	4,044.11	7/8	3,863.36	7/8	3,679.46	7/8	3,495.04	7/8	3,310.62	7/8	3,126.20	7/8	2,941.78	7/8	2,757.36
3	4,406.39	9	4,221.60	3	4,040.34	9	3,859.60	3	3,675.62	9	3,491.20	3	3,306.78	9	3,122.36	3	2,937.94	9	2,753.52
1/8	4,402.54	1/8	4,217.78	1/8	4,036.58	1/8	3,855.81	1/8	3,671.78	1/8	3,487.36	1/8	3,302.94	1/8	3,118.51	1/8	2,934.09	1/8	2,749.67
1/4	4,398.69	1/4	4,213.96	1/4	4,032.81	1/4	3,852.01	1/4	3,667.94	1/4	3,483.51	1/4	3,299.09	1/4	3,114.67	1/4	2,930.25	1/4	2,745.83
3/8	4,394.84	3/8	4,210.14	3/8	4,029.05	3/8	3,848.22	3/8	3,664.09	3/8	3,479.67	3/8	3,295.25	3/8	3,110.83	3/8	2,926.41	3/8	2,741.99
1/2	4,390.99	1/2	4,206.32	1/2	4,025.28	1/2	3,844.42	1/2	3,660.25	1/2	3,475.83	1/2	3,291.41	1/2	3,106.99	1/2	2,922.57	1/2	2,738.15
5/8	4,387.14	5/8	4,202.51	5/8	4,021.52	5/8	3,840.63	5/8	3,656.41	5/8	3,471.99	5/8	3,287.57	5/8	3,103.15	5/8	2,918.73	5/8	2,734.30
3/4	4,383.30	3/4	4,198.69	3/4	4,017.75	3/4	3,836.84	3/4	3,652.57	3/4	3,468.15	3/4	3,283.73	3/4	3,099.30	3/4	2,914.88	3/4	2,730.46
7/8	4,379.45	7/8	4,194.87	7/8	4,013.98	7/8	3,833.04	7/8	3,648.72	7/8	3,464.30	7/8	3,279.88	7/8	3,095.46	7/8	2,911.04	7/8	2,726.62
4	4,375.60	10	4,191.05	4	4,010.22	10	3,829.25	4	3,644.88	10	3,460.46	4	3,276.04	10	3,091.62	4	2,907.20	10	2,722.78
1/8	4,371.75	1/8	4,187.27	1/8	4,006.45	1/8	3,825.41	1/8	3,641.04	1/8	3,456.62	1/8	3,272.20	1/8	3,087.78	1/8	2,903.36	1/8	2,718.94
1/4	4,367.90	1/4	4,183.50	1/4	4,002.69	1/4	3,821.58	1/4	3,637.20	1/4	3,452.78	1/4	3,268.36	1/4	3,083.94	1/4	2,899.52	1/4	2,715.09
3/8	4,364.05	3/8	4,179.72	3/8	3,998.92	3/8	3,817.74	3/8	3,633.36	3/8	3,448.94	3/8	3,264.51	3/8	3,080.09	3/8	2,895.67	3/8	2,711.25
1/2	4,360.20	1/2	4,175.94	1/2	3,995.16	1/2	3,813.91	1/2	3,629.51	1/2	3,445.09	1/2	3,260.67	1/2	3,076.25	1/2	2,891.83	1/2	2,707.41
5/8	4,356.35	5/8	4,172.17	5/8	3,991.39	5/8	3,810.07	5/8	3,625.67	5/8	3,441.25	5/8	3,256.83	5/8	3,072.41	5/8	2,887.99	5/8	2,703.57
3/4	4,352.50	3/4	4,168.39	3/4	3,987.63	3/4	3,806.24	3/4	3,621.83	3/4	3,437.41	3/4	3,252.99	3/4	3,068.57	3/4	2,884.15	3/4	2,699.73
7/8	4,348.65	7/8	4,164.62	7/8	3,983.86	7/8	3,802.40	7/8	3,617.99	7/8	3,433.57	7/8	3,249.15	7/8	3,064.73	7/8	2,880.30	7/8	2,695.88
5	4,344.80	11	4,160.84	5	3,980.10	11	3,798.57	5	3,614.15	11	3,429.72	5	3,245.30	11	3,060.88	5	2,876.46	11	2,692.04
1/8	4,340.95	1/8	4,157.07	1/8	3,976.33	1/8	3,794.72	1/8	3,610.30	1/8	3,425.88	1/8	3,241.46	1/8	3,057.04	1/8	2,872.62	1/8	2,688.20
1/4	4,337.10	1/4	4,153.31	1/4	3,972.56	1/4	3,790.88	1/4	3,606.46	1/4	3,422.04	1/4	3,237.62	1/4	3,053.20	1/4	2,868.78	1/4	2,684.36
3/8	4,333.25	3/8	4,149.54	3/8	3,968.80	3/8	3,787.04	3/8	3,602.62	3/8	3,418.20	3/8	3,233.78	3/8	3,049.36	3/8	2,864.94	3/8	2,680.52
1/2	4,329.40	1/2	4,145.78	1/2	3,965.03	1/2	3,783.20	1/2	3,598.78	1/2	3,414.36	1/2	3,229.94	1/2	3,045.51	1/2	2,861.09	1/2	2,676.67
5/8	4,325.55	5/8	4,142.01	5/8	3,961.27	5/8	3,779.36	5/8	3,594.94	5/8	3,410.51	5/8	3,226.09	5/8	3,041.67	5/8	2,857.25	5/8	2,672.83
3/4	4,321.70	3/4	4,138.25	3/4	3,957.50	3/4	3,775.51	3/4	3,591.09	3/4	3,406.67	3/4	3,222.25	3/4	3,037.83	3/4	2,853.41	3/4	2,668.99
7/8	4,317.85	7/8	4,134.48	7/8	3,953.74	7/8	3,771.67	7/8	3,587.25	7/8	3,402.83	7/8	3,218.41	7/8	3,033.99	7/8	2,849.57	7/8	2,665.15

GAUGE LOCATED 29'-3 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 1/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**3 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-3"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,661.30	6	2,476.88	0	2,292.46	6	2,108.04	0	1,923.62	6	1,739.20	0	1,554.78	6	1,370.36	0	1,187.97	6	1,011.67
1/8	2,657.46	1/8	2,473.04	1/8	2,288.62	1/8	2,104.20	1/8	1,919.78	1/8	1,735.36	1/8	1,550.94	1/8	1,366.52	1/8	1,184.30	1/8	1,007.99
1/4	2,653.62	1/4	2,469.20	1/4	2,284.78	1/4	2,100.36	1/4	1,915.94	1/4	1,731.52	1/4	1,547.10	1/4	1,362.68	1/4	1,180.62	1/4	1,004.32
3/8	2,649.78	3/8	2,465.36	3/8	2,280.94	3/8	2,096.52	3/8	1,912.10	3/8	1,727.67	3/8	1,543.25	3/8	1,358.83	3/8	1,176.94	3/8	1,000.65
1/2	2,645.94	1/2	2,461.52	1/2	2,277.09	1/2	2,092.67	1/2	1,908.25	1/2	1,723.83	1/2	1,539.41	1/2	1,354.99	1/2	1,173.27	1/2	996.98
5/8	2,642.09	5/8	2,457.67	5/8	2,273.25	5/8	2,088.83	5/8	1,904.41	5/8	1,719.99	5/8	1,535.57	5/8	1,351.15	5/8	1,169.59	5/8	993.30
3/4	2,638.25	3/4	2,453.83	3/4	2,269.41	3/4	2,084.99	3/4	1,900.57	3/4	1,716.15	3/4	1,531.73	3/4	1,347.31	3/4	1,165.92	3/4	989.63
7/8	2,634.41	7/8	2,449.99	7/8	2,265.57	7/8	2,081.15	7/8	1,896.73	7/8	1,712.31	7/8	1,527.89	7/8	1,343.46	7/8	1,162.24	7/8	985.96
1	2,630.57	7	2,446.15	1	2,261.73	7	2,077.31	1	1,892.88	7	1,708.46	1	1,524.04	7	1,339.62	1	1,158.56	7	982.29
1/8	2,626.73	1/8	2,442.31	1/8	2,257.88	1/8	2,073.46	1/8	1,889.04	1/8	1,704.62	1/8	1,520.20	1/8	1,335.78	1/8	1,154.89	1/8	978.62
1/4	2,622.88	1/4	2,438.46	1/4	2,254.04	1/4	2,069.62	1/4	1,885.20	1/4	1,700.78	1/4	1,516.36	1/4	1,331.94	1/4	1,151.22	1/4	974.94
3/8	2,619.04	3/8	2,434.62	3/8	2,250.20	3/8	2,065.78	3/8	1,881.36	3/8	1,696.94	3/8	1,512.52	3/8	1,328.10	3/8	1,147.55	3/8	971.27
1/2	2,615.20	1/2	2,430.78	1/2	2,246.36	1/2	2,061.94	1/2	1,877.52	1/2	1,693.10	1/2	1,508.67	1/2	1,324.25	1/2	1,143.87	1/2	967.60
5/8	2,611.36	5/8	2,426.94	5/8	2,242.52	5/8	2,058.10	5/8	1,873.67	5/8	1,689.25	5/8	1,504.83	5/8	1,320.41	5/8	1,140.20	5/8	963.93
3/4	2,607.52	3/4	2,423.09	3/4	2,238.67	3/4	2,054.25	3/4	1,869.83	3/4	1,685.41	3/4	1,500.99	3/4	1,316.57	3/4	1,136.53	3/4	960.25
7/8	2,603.67	7/8	2,419.25	7/8	2,234.83	7/8	2,050.41	7/8	1,865.99	7/8	1,681.57	7/8	1,497.15	7/8	1,312.73	7/8	1,132.85	7/8	956.58
2	2,599.83	8	2,415.41	2	2,230.99	8	2,046.57	2	1,862.15	8	1,677.73	2	1,493.31	8	1,308.89	2	1,129.18	8	952.91
1/8	2,595.99	1/8	2,411.57	1/8	2,227.15	1/8	2,042.73	1/8	1,858.31	1/8	1,673.89	1/8	1,489.46	1/8	1,305.04	1/8	1,125.51	1/8	949.24
1/4	2,592.15	1/4	2,407.73	1/4	2,223.31	1/4	2,038.88	1/4	1,854.46	1/4	1,670.04	1/4	1,485.62	1/4	1,301.20	1/4	1,121.84	1/4	945.57
3/8	2,588.30	3/8	2,403.88	3/8	2,219.46	3/8	2,035.04	3/8	1,850.62	3/8	1,666.20	3/8	1,481.78	3/8	1,297.36	3/8	1,118.16	3/8	941.89
1/2	2,584.46	1/2	2,400.04	1/2	2,215.62	1/2	2,031.20	1/2	1,846.78	1/2	1,662.36	1/2	1,477.94	1/2	1,293.52	1/2	1,114.49	1/2	938.22
5/8	2,580.62	5/8	2,396.20	5/8	2,211.78	5/8	2,027.36	5/8	1,842.94	5/8	1,658.52	5/8	1,474.10	5/8	1,289.68	5/8	1,110.82	5/8	934.55
3/4	2,576.78	3/4	2,392.36	3/4	2,207.94	3/4	2,023.52	3/4	1,839.10	3/4	1,654.67	3/4	1,470.25	3/4	1,285.83	3/4	1,107.15	3/4	930.88
7/8	2,572.94	7/8	2,388.52	7/8	2,204.09	7/8	2,019.67	7/8	1,835.25	7/8	1,650.83	7/8	1,466.41	7/8	1,281.99	7/8	1,103.47	7/8	927.20
3	2,569.09	9	2,384.67	3	2,200.25	9	2,015.83	3	1,831.41	9	1,646.99	3	1,462.57	9	1,278.15	3	1,099.80	9	923.53
1/8	2,565.25	1/8	2,380.83	1/8	2,196.41	1/8	2,011.99	1/8	1,827.57	1/8	1,643.15	1/8	1,458.73	1/8	1,274.31	1/8	1,096.13	1/8	919.86
1/4	2,561.41	1/4	2,376.99	1/4	2,192.57	1/4	2,008.15	1/4	1,823.73	1/4	1,639.31	1/4	1,454.89	1/4	1,270.46	1/4	1,092.46	1/4	916.19
3/8	2,557.57	3/8	2,373.15	3/8	2,188.73	3/8	2,004.31	3/8	1,819.88	3/8	1,635.46	3/8	1,451.04	3/8	1,266.62	3/8	1,088.78	3/8	912.51
1/2	2,553.73	1/2	2,369.31	1/2	2,184.88	1/2	2,000.46	1/2	1,816.04	1/2	1,631.62	1/2	1,447.20	1/2	1,262.78	1/2	1,085.11	1/2	908.84
5/8	2,549.88	5/8	2,365.46	5/8	2,181.04	5/8	1,996.62	5/8	1,812.20	5/8	1,627.78	5/8	1,443.36	5/8	1,258.94	5/8	1,081.44	5/8	905.17
3/4	2,546.04	3/4	2,361.62	3/4	2,177.20	3/4	1,992.78	3/4	1,808.36	3/4	1,623.94	3/4	1,439.52	3/4	1,255.10	3/4	1,077.77	3/4	901.50
7/8	2,542.20	7/8	2,357.78	7/8	2,173.36	7/8	1,988.94	7/8	1,804.52	7/8	1,620.10	7/8	1,435.67	7/8	1,251.25	7/8	1,074.10	7/8	897.83
4	2,538.36	10	2,353.94	4	2,169.52	10	1,985.10	4	1,800.67	10	1,616.25	4	1,431.83	10	1,247.41	4	1,070.42	10	894.15
1/8	2,534.52	1/8	2,350.09	1/8	2,165.67	1/8	1,981.25	1/8	1,796.83	1/8	1,612.41	1/8	1,427.99	1/8	1,243.67	1/8	1,066.75	1/8	890.48
1/4	2,530.67	1/4	2,346.25	1/4	2,161.83	1/4	1,977.41	1/4	1,792.99	1/4	1,608.57	1/4	1,424.15	1/4	1,239.92	1/4	1,063.08	1/4	886.81
3/8	2,526.83	3/8	2,342.41	3/8	2,157.99	3/8	1,973.57	3/8	1,789.15	3/8	1,604.73	3/8	1,420.31	3/8	1,236.18	3/8	1,059.41	3/8	883.14
1/2	2,522.99	1/2	2,338.57	1/2	2,154.15	1/2	1,969.73	1/2	1,785.31	1/2	1,600.89	1/2	1,416.46	1/2	1,232.43	1/2	1,055.73	1/2	879.46
5/8	2,519.15	5/8	2,334.73	5/8	2,150.31	5/8	1,965.88	5/8	1,781.46	5/8	1,597.04	5/8	1,412.62	5/8	1,228.69	5/8	1,052.06	5/8	875.79
3/4	2,515.31	3/4	2,330.88	3/4	2,146.46	3/4	1,962.04	3/4	1,777.62	3/4	1,593.20	3/4	1,408.78	3/4	1,224.94	3/4	1,048.39	3/4	872.12
7/8	2,511.46	7/8	2,327.04	7/8	2,142.62	7/8	1,958.20	7/8	1,773.78	7/8	1,589.36	7/8	1,404.94	7/8	1,221.20	7/8	1,044.72	7/8	868.45
5	2,507.62	11	2,323.20	5	2,138.78	11	1,954.36	5	1,769.94	11	1,585.52	5	1,401.10	11	1,217.45	5	1,041.04	11	864.77
1/8	2,503.78	1/8	2,319.36	1/8	2,134.94	1/8	1,950.52	1/8	1,766.10	1/8	1,581.67	1/8	1,397.25	1/8	1,213.77	1/8	1,037.37	1/8	861.10
1/4	2,499.94	1/4	2,315.52	1/4	2,131.10	1/4	1,946.67	1/4	1,762.25	1/4	1,577.83	1/4	1,393.41	1/4	1,210.08	1/4	1,033.70	1/4	857.42
3/8	2,496.09	3/8	2,311.67	3/8	2,127.25	3/8	1,942.83	3/8	1,758.41	3/8	1,573.99	3/8	1,389.57	3/8	1,206.40	3/8	1,030.03	3/8	853.75
1/2	2,492.25	1/2	2,307.83	1/2	2,123.41	1/2	1,938.99	1/2	1,754.57	1/2	1,570.15	1/2	1,385.73	1/2	1,202.71	1/2	1,026.36	1/2	850.07
5/8	2,488.41	5/8	2,303.99	5/8	2,119.57	5/8	1,935.15	5/8	1,750.73	5/8	1,566.31	5/8	1,381.89	5/8	1,199.03	5/8	1,022.68	5/8	846.40
3/4	2,484.57	3/4	2,300.15	3/4	2,115.73	3/4	1,931.31	3/4	1,746.89	3/4	1,562.46	3/4	1,378.04	3/4	1,195.34	3/4	1,019.01	3/4	842.73
7/8	2,480.73	7/8	2,296.31	7/8	2,111.88	7/8	1,927.46	7/8	1,743.04	7/8	1,558.62	7/8	1,374.20	7/8	1,191.66	7/8	1,015.34	7/8	839.05

GAUGE LOCATED 29'-3 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 1/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**3 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-3"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	835.38	6	653.67	0	469.25	6	284.89	0	100.89
1/8	831.70	1/8	649.83	1/8	465.41	1/8	281.06	1/8	97.29
1/4	828.02	1/4	645.99	1/4	461.57	1/4	277.23	1/4	93.68
3/8	824.35	3/8	642.15	3/8	457.73	3/8	273.39	3/8	90.08
1/2	820.67	1/2	638.31	1/2	453.88	1/2	269.56	1/2	86.48
5/8	817.00	5/8	634.46	5/8	450.04	5/8	265.73	5/8	82.87
3/4	813.32	3/4	630.62	3/4	446.20	3/4	261.90	3/4	79.27
7/8	809.64	7/8	626.78	7/8	442.36	7/8	258.07	7/8	75.66
1	805.97	7	622.94	1	438.52	7	254.23	1	72.06
1/8	802.27	1/8	619.09	1/8	434.67	1/8	250.40	1/8	69.01
1/4	798.56	1/4	615.25	1/4	430.83	1/4	246.57	1/4	65.96
3/8	794.86	3/8	611.41	3/8	426.99	3/8	242.74	3/8	62.92
1/2	791.16	1/2	607.57	1/2	423.15	1/2	238.91	1/2	59.87
5/8	787.46	5/8	603.73	5/8	419.31	5/8	235.07	5/8	56.82
3/4	783.76	3/4	599.88	3/4	415.46	3/4	231.24	3/4	53.78
7/8	780.05	7/8	596.04	7/8	411.62	7/8	227.41	7/8	50.73
2	776.35	8	592.20	2	407.78	8	223.58	2	47.68
1/8	772.54	1/8	588.36	1/8	403.94	1/8	219.75	1/8	45.28
1/4	768.74	1/4	584.52	1/4	400.10	1/4	215.91	1/4	42.87
3/8	764.93	3/8	580.67	3/8	396.25	3/8	212.08	3/8	40.47
1/2	761.12	1/2	576.83	1/2	392.41	1/2	208.25	1/2	38.06
5/8	757.31	5/8	572.99	5/8	388.57	5/8	204.42	5/8	35.66
3/4	753.50	3/4	569.15	3/4	384.73	3/4	200.59	3/4	33.26
7/8	749.69	7/8	565.31	7/8	380.88	7/8	196.75	7/8	30.85
3	745.88	9	561.46	3	377.04	9	192.92	3	28.45
1/8	742.04	1/8	557.62	1/8	373.20	1/8	189.09		
1/4	738.20	1/4	553.78	1/4	369.36	1/4	185.26		
3/8	734.36	3/8	549.94	3/8	365.52	3/8	181.43		
1/2	730.52	1/2	546.09	1/2	361.67	1/2	177.59		
5/8	726.67	5/8	542.25	5/8	357.83	5/8	173.76		
3/4	722.83	3/4	538.41	3/4	353.99	3/4	169.93		
7/8	718.99	7/8	534.57	7/8	350.15	7/8	166.10		
4	715.15	10	530.73	4	346.31	10	162.27		
1/8	711.31	1/8	526.88	1/8	342.46	1/8	158.43		
1/4	707.46	1/4	523.04	1/4	338.62	1/4	154.60		
3/8	703.62	3/8	519.20	3/8	334.78	3/8	150.77		
1/2	699.78	1/2	515.36	1/2	330.94	1/2	146.94		
5/8	695.94	5/8	511.52	5/8	327.10	5/8	143.11		
3/4	692.09	3/4	507.67	3/4	323.25	3/4	139.27		
7/8	688.25	7/8	503.83	7/8	319.41	7/8	135.44		
5	684.41	11	499.99	5	315.57	11	131.61		
1/8	680.57	1/8	496.15	1/8	311.73	1/8	127.77		
1/4	676.73	1/4	492.31	1/4	307.90	1/4	123.93		
3/8	672.88	3/8	488.46	3/8	304.06	3/8	120.09		
1/2	669.04	1/2	484.62	1/2	300.23	1/2	116.25		
5/8	665.20	5/8	480.78	5/8	296.39	5/8	112.41		
3/4	661.36	3/4	476.94	3/4	292.56	3/4	108.57		
7/8	657.52	7/8	473.09	7/8	288.73	7/8	104.73		

GAUGE LOCATED 29'-3 3/4" FORWARD OF AFT BULKHEAD, AND 16'-4 1/4" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

3 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		6		0		6		0		6		0		6		0		0		11,954.91	
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	11,953.43	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	11,951.95	
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	11,950.48	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	11,949.00	
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	11,947.52	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	11,946.05	
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	11,944.29	
1		7		1		7		1		7		1		7		1		7		11,942.53	
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	11,940.77	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	11,939.01	
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	11,937.25	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	11,935.49	
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	11,933.73	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	11,931.97	
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	11,929.93	
2		8		2		8		2		8		2		8		2		8		11,927.88	
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	11,925.84	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	11,923.80	
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	11,921.75	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	11,919.71	
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	11,917.67	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	11,915.63	
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	11,913.30	
3		9		3		9		3		9		3		9		3		9		11,910.97	
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	11,908.65	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	11,906.32	
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	11,903.99	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	11,901.67	
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	11,899.34	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	11,897.01	
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	11,894.41	
4		10		4		10		4		10		4		10		4		10		11,891.80	
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	11,889.19	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	11,886.58	
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	11,883.97	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	11,881.36	
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	11,878.75	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	11,876.14	
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	11,873.25	
5		11		5		11		5		11		5		11		5		11		11,870.35	
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	11,867.46	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	11,864.57	
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	11,861.67	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	11,858.78	
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	11,855.89	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	11,853.00	
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	11,849.82	

GAUGE LOCATED 29'-3 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

3 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	11,846.64	6	11,670.11	0	11,485.38	6	11,300.64	0	11,115.90	6	10,931.16	0	10,746.43	6	10,561.69	0	10,376.95	6	10,192.21
1/8	11,843.47	1/8	11,666.27	1/8	11,481.53	1/8	11,296.79	1/8	11,112.05	1/8	10,927.32	1/8	10,742.58	1/8	10,557.84	1/8	10,373.10	1/8	10,188.36
1/4	11,840.29	1/4	11,662.42	1/4	11,477.68	1/4	11,292.94	1/4	11,108.20	1/4	10,923.47	1/4	10,738.73	1/4	10,553.99	1/4	10,369.25	1/4	10,184.52
3/8	11,837.11	3/8	11,658.57	3/8	11,473.83	3/8	11,289.09	3/8	11,104.36	3/8	10,919.62	3/8	10,734.88	3/8	10,550.14	3/8	10,365.40	3/8	10,180.67
1/2	11,833.94	1/2	11,654.72	1/2	11,469.98	1/2	11,285.24	1/2	11,100.51	1/2	10,915.77	1/2	10,731.03	1/2	10,546.29	1/2	10,361.56	1/2	10,176.82
5/8	11,830.76	5/8	11,650.87	5/8	11,466.13	5/8	11,281.40	5/8	11,096.66	5/8	10,911.92	5/8	10,727.18	5/8	10,542.45	5/8	10,357.71	5/8	10,172.97
3/4	11,827.59	3/4	11,647.02	3/4	11,462.28	3/4	11,277.55	3/4	11,092.81	3/4	10,908.07	3/4	10,723.33	3/4	10,538.60	3/4	10,353.86	3/4	10,169.12
7/8	11,824.13	7/8	11,643.17	7/8	11,458.44	7/8	11,273.70	7/8	11,088.96	7/8	10,904.22	7/8	10,719.49	7/8	10,534.75	7/8	10,350.01	7/8	10,165.27
1	11,820.67	7	11,639.32	1	11,454.59	7	11,269.85	1	11,085.11	7	10,900.37	1	10,715.64	7	10,530.90	1	10,346.16	7	10,161.42
1/8	11,817.21	1/8	11,635.48	1/8	11,450.74	1/8	11,266.00	1/8	11,081.26	1/8	10,896.53	1/8	10,711.79	1/8	10,527.05	1/8	10,342.31	1/8	10,157.58
1/4	11,813.75	1/4	11,631.63	1/4	11,446.89	1/4	11,262.15	1/4	11,077.41	1/4	10,892.68	1/4	10,707.94	1/4	10,523.20	1/4	10,338.46	1/4	10,153.73
3/8	11,810.29	3/8	11,627.78	3/8	11,443.04	3/8	11,258.30	3/8	11,073.57	3/8	10,888.83	3/8	10,704.09	3/8	10,519.35	3/8	10,334.62	3/8	10,149.88
1/2	11,806.83	1/2	11,623.93	1/2	11,439.19	1/2	11,254.45	1/2	11,069.72	1/2	10,884.98	1/2	10,700.24	1/2	10,515.50	1/2	10,330.77	1/2	10,146.03
5/8	11,803.37	5/8	11,620.08	5/8	11,435.34	5/8	11,250.61	5/8	11,065.87	5/8	10,881.13	5/8	10,696.39	5/8	10,511.66	5/8	10,326.92	5/8	10,142.18
3/4	11,799.92	3/4	11,616.23	3/4	11,431.49	3/4	11,246.76	3/4	11,062.02	3/4	10,877.28	3/4	10,692.54	3/4	10,507.81	3/4	10,323.07	3/4	10,138.33
7/8	11,796.20	7/8	11,612.38	7/8	11,427.65	7/8	11,242.91	7/8	11,058.17	7/8	10,873.43	7/8	10,688.70	7/8	10,503.96	7/8	10,319.22	7/8	10,134.48
2	11,792.48	8	11,608.54	2	11,423.80	8	11,239.06	2	11,054.32	8	10,869.58	2	10,684.85	8	10,500.11	2	10,315.37	8	10,130.63
1/8	11,788.76	1/8	11,604.69	1/8	11,419.95	1/8	11,235.21	1/8	11,050.47	1/8	10,865.74	1/8	10,681.00	1/8	10,496.26	1/8	10,311.52	1/8	10,126.79
1/4	11,785.05	1/4	11,600.84	1/4	11,416.10	1/4	11,231.36	1/4	11,046.62	1/4	10,861.89	1/4	10,677.15	1/4	10,492.41	1/4	10,307.67	1/4	10,122.94
3/8	11,781.33	3/8	11,596.99	3/8	11,412.25	3/8	11,227.51	3/8	11,042.78	3/8	10,858.04	3/8	10,673.30	3/8	10,488.56	3/8	10,303.83	3/8	10,119.09
1/2	11,777.61	1/2	11,593.14	1/2	11,408.40	1/2	11,223.66	1/2	11,038.93	1/2	10,854.19	1/2	10,669.45	1/2	10,484.71	1/2	10,299.98	1/2	10,115.24
5/8	11,773.90	5/8	11,589.29	5/8	11,404.55	5/8	11,219.82	5/8	11,035.08	5/8	10,850.34	5/8	10,665.60	5/8	10,480.87	5/8	10,296.13	5/8	10,111.39
3/4	11,770.18	3/4	11,585.44	3/4	11,400.71	3/4	11,215.97	3/4	11,031.23	3/4	10,846.49	3/4	10,661.75	3/4	10,477.02	3/4	10,292.28	3/4	10,107.54
7/8	11,766.33	7/8	11,581.59	7/8	11,396.86	7/8	11,212.12	7/8	11,027.38	7/8	10,842.64	7/8	10,657.91	7/8	10,473.17	7/8	10,288.43	7/8	10,103.69
3	11,762.48	9	11,577.75	3	11,393.01	9	11,208.27	3	11,023.53	9	10,838.79	3	10,654.06	9	10,469.32	3	10,284.58	9	10,099.84
1/8	11,758.63	1/8	11,573.90	1/8	11,389.16	1/8	11,204.42	1/8	11,019.68	1/8	10,834.95	1/8	10,650.21	1/8	10,465.47	1/8	10,280.73	1/8	10,096.00
1/4	11,754.79	1/4	11,570.05	1/4	11,385.31	1/4	11,200.57	1/4	11,015.84	1/4	10,831.10	1/4	10,646.36	1/4	10,461.62	1/4	10,276.88	1/4	10,092.15
3/8	11,750.94	3/8	11,566.20	3/8	11,381.46	3/8	11,196.72	3/8	11,011.99	3/8	10,827.25	3/8	10,642.51	3/8	10,457.77	3/8	10,273.04	3/8	10,088.30
1/2	11,747.09	1/2	11,562.35	1/2	11,377.61	1/2	11,192.88	1/2	11,008.14	1/2	10,823.40	1/2	10,638.66	1/2	10,453.92	1/2	10,269.19	1/2	10,084.45
5/8	11,743.24	5/8	11,558.50	5/8	11,373.76	5/8	11,189.03	5/8	11,004.29	5/8	10,819.55	5/8	10,634.81	5/8	10,450.08	5/8	10,265.34	5/8	10,080.60
3/4	11,739.39	3/4	11,554.65	3/4	11,369.92	3/4	11,185.18	3/4	11,000.44	3/4	10,815.70	3/4	10,630.97	3/4	10,446.23	3/4	10,261.49	3/4	10,076.75
7/8	11,735.54	7/8	11,550.80	7/8	11,366.07	7/8	11,181.33	7/8	10,996.59	7/8	10,811.85	7/8	10,627.12	7/8	10,442.38	7/8	10,257.64	7/8	10,072.90
4	11,731.69	10	11,546.96	4	11,362.22	10	11,177.48	4	10,992.74	10	10,808.01	4	10,623.27	10	10,438.53	4	10,253.79	10	10,069.05
1/8	11,727.84	1/8	11,543.11	1/8	11,358.37	1/8	11,173.63	1/8	10,988.89	1/8	10,804.16	1/8	10,619.42	1/8	10,434.68	1/8	10,249.94	1/8	10,065.21
1/4	11,724.00	1/4	11,539.26	1/4	11,354.52	1/4	11,169.78	1/4	10,985.05	1/4	10,800.31	1/4	10,615.57	1/4	10,430.83	1/4	10,246.10	1/4	10,061.36
3/8	11,720.15	3/8	11,535.41	3/8	11,350.67	3/8	11,165.93	3/8	10,981.20	3/8	10,796.46	3/8	10,611.72	3/8	10,426.98	3/8	10,242.25	3/8	10,057.51
1/2	11,716.30	1/2	11,531.56	1/2	11,346.82	1/2	11,162.09	1/2	10,977.35	1/2	10,792.61	1/2	10,607.87	1/2	10,423.14	1/2	10,238.40	1/2	10,053.66
5/8	11,712.45	5/8	11,527.71	5/8	11,342.97	5/8	11,158.24	5/8	10,973.50	5/8	10,788.76	5/8	10,604.02	5/8	10,419.29	5/8	10,234.55	5/8	10,049.81
3/4	11,708.60	3/4	11,523.86	3/4	11,339.13	3/4	11,154.39	3/4	10,969.65	3/4	10,784.91	3/4	10,600.18	3/4	10,415.44	3/4	10,230.70	3/4	10,045.96
7/8	11,704.75	7/8	11,520.01	7/8	11,335.28	7/8	11,150.54	7/8	10,965.80	7/8	10,781.06	7/8	10,596.33	7/8	10,411.59	7/8	10,226.85	7/8	10,042.11
5	11,700.90	11	11,516.17	5	11,331.43	11	11,146.69	5	10,961.95	11	10,777.22	5	10,592.48	11	10,407.74	5	10,223.00	11	10,038.27
1/8	11,697.06	1/8	11,512.32	1/8	11,327.58	1/8	11,142.84	1/8	10,958.10	1/8	10,773.37	1/8	10,588.63	1/8	10,403.89	1/8	10,219.15	1/8	10,034.42
1/4	11,693.21	1/4	11,508.47	1/4	11,323.73	1/4	11,138.99	1/4	10,954.26	1/4	10,769.52	1/4	10,584.78	1/4	10,400.04	1/4	10,215.31	1/4	10,030.57
3/8	11,689.36	3/8	11,504.62	3/8	11,319.88	3/8	11,135.14	3/8	10,950.41	3/8	10,765.67	3/8	10,580.93	3/8	10,396.19	3/8	10,211.46	3/8	10,026.72
1/2	11,685.51	1/2	11,500.77	1/2	11,316.03	1/2	11,131.30	1/2	10,946.56	1/2	10,761.82	1/2	10,577.08	1/2	10,392.35	1/2	10,207.61	1/2	10,022.87
5/8	11,681.66	5/8	11,496.92	5/8	11,312.19	5/8	11,127.45	5/8	10,942.71	5/8	10,757.97	5/8	10,573.23	5/8	10,388.50	5/8	10,203.76	5/8	10,019.02
3/4	11,677.81	3/4	11,493.07	3/4	11,308.34	3/4	11,123.60	3/4	10,938.86	3/4	10,754.12	3/4	10,569.39	3/4	10,384.65	3/4	10,199.91	3/4	10,015.17
7/8	11,673.96	7/8	11,489.23	7/8	11,304.49	7/8	11,119.75	7/8	10,935.01	7/8	10,750.27	7/8	10,565.54	7/8	10,380.80	7/8	10,196.06	7/8	10,011.32

GAUGE LOCATED 29'-3 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

3 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	10,007.48	6	9,822.74	0	9,638.00	6	9,453.26	0	9,268.53	6	9,083.79	0	8,899.05	6	8,714.31	0	8,529.57	6	8,344.84
1/8	10,003.63	1/8	9,818.89	1/8	9,634.15	1/8	9,449.41	1/8	9,264.68	1/8	9,079.94	1/8	8,895.20	1/8	8,710.46	1/8	8,525.73	1/8	8,340.99
1/4	9,999.78	1/4	9,815.04	1/4	9,630.30	1/4	9,445.57	1/4	9,260.83	1/4	9,076.09	1/4	8,891.35	1/4	8,706.62	1/4	8,521.88	1/4	8,337.14
3/8	9,995.93	3/8	9,811.19	3/8	9,626.45	3/8	9,441.72	3/8	9,256.98	3/8	9,072.24	3/8	8,887.50	3/8	8,702.77	3/8	8,518.03	3/8	8,333.29
1/2	9,992.08	1/2	9,807.34	1/2	9,622.61	1/2	9,437.87	1/2	9,253.13	1/2	9,068.39	1/2	8,883.66	1/2	8,698.92	1/2	8,514.18	1/2	8,329.44
5/8	9,988.23	5/8	9,803.49	5/8	9,618.76	5/8	9,434.02	5/8	9,249.28	5/8	9,064.54	5/8	8,879.81	5/8	8,695.07	5/8	8,510.33	5/8	8,325.59
3/4	9,984.38	3/4	9,799.65	3/4	9,614.91	3/4	9,430.17	3/4	9,245.43	3/4	9,060.70	3/4	8,875.96	3/4	8,691.22	3/4	8,506.48	3/4	8,321.75
7/8	9,980.53	7/8	9,795.80	7/8	9,611.06	7/8	9,426.32	7/8	9,241.58	7/8	9,056.85	7/8	8,872.11	7/8	8,687.37	7/8	8,502.63	7/8	8,317.90
1	9,976.69	7	9,791.95	1	9,607.21	7	9,422.47	1	9,237.74	7	9,053.00	1	8,868.26	7	8,683.52	1	8,498.79	7	8,314.05
1/8	9,972.84	1/8	9,788.10	1/8	9,603.36	1/8	9,418.62	1/8	9,233.89	1/8	9,049.15	1/8	8,864.41	1/8	8,679.67	1/8	8,494.94	1/8	8,310.20
1/4	9,968.99	1/4	9,784.25	1/4	9,599.51	1/4	9,414.78	1/4	9,230.04	1/4	9,045.30	1/4	8,860.56	1/4	8,675.83	1/4	8,491.09	1/4	8,306.35
3/8	9,965.14	3/8	9,780.40	3/8	9,595.66	3/8	9,410.93	3/8	9,226.19	3/8	9,041.45	3/8	8,856.71	3/8	8,671.98	3/8	8,487.24	3/8	8,302.50
1/2	9,961.29	1/2	9,776.55	1/2	9,591.82	1/2	9,407.08	1/2	9,222.34	1/2	9,037.60	1/2	8,852.87	1/2	8,668.13	1/2	8,483.39	1/2	8,298.65
5/8	9,957.44	5/8	9,772.71	5/8	9,587.97	5/8	9,403.23	5/8	9,218.49	5/8	9,033.75	5/8	8,849.02	5/8	8,664.28	5/8	8,479.54	5/8	8,294.80
3/4	9,953.59	3/4	9,768.86	3/4	9,584.12	3/4	9,399.38	3/4	9,214.64	3/4	9,029.91	3/4	8,845.17	3/4	8,660.43	3/4	8,475.69	3/4	8,290.96
7/8	9,949.75	7/8	9,765.01	7/8	9,580.27	7/8	9,395.53	7/8	9,210.79	7/8	9,026.06	7/8	8,841.32	7/8	8,656.58	7/8	8,471.84	7/8	8,287.11
2	9,945.90	8	9,761.16	2	9,576.42	8	9,391.68	2	9,206.95	8	9,022.21	2	8,837.47	8	8,652.73	2	8,468.00	8	8,283.26
1/8	9,942.05	1/8	9,757.31	1/8	9,572.57	1/8	9,387.84	1/8	9,203.10	1/8	9,018.36	1/8	8,833.62	1/8	8,648.88	1/8	8,464.15	1/8	8,279.41
1/4	9,938.20	1/4	9,753.46	1/4	9,568.72	1/4	9,383.99	1/4	9,199.25	1/4	9,014.51	1/4	8,829.77	1/4	8,645.04	1/4	8,460.30	1/4	8,275.56
3/8	9,934.35	3/8	9,749.61	3/8	9,564.88	3/8	9,380.14	3/8	9,195.40	3/8	9,010.66	3/8	8,825.92	3/8	8,641.19	3/8	8,456.45	3/8	8,271.71
1/2	9,930.50	1/2	9,745.76	1/2	9,561.03	1/2	9,376.29	1/2	9,191.55	1/2	9,006.81	1/2	8,822.08	1/2	8,637.34	1/2	8,452.60	1/2	8,267.86
5/8	9,926.65	5/8	9,741.92	5/8	9,557.18	5/8	9,372.44	5/8	9,187.70	5/8	9,002.97	5/8	8,818.23	5/8	8,633.49	5/8	8,448.75	5/8	8,264.01
3/4	9,922.80	3/4	9,738.07	3/4	9,553.33	3/4	9,368.59	3/4	9,183.85	3/4	8,999.12	3/4	8,814.38	3/4	8,629.64	3/4	8,444.90	3/4	8,260.17
7/8	9,918.96	7/8	9,734.22	7/8	9,549.48	7/8	9,364.74	7/8	9,180.01	7/8	8,995.27	7/8	8,810.53	7/8	8,625.79	7/8	8,441.05	7/8	8,256.32
3	9,915.11	9	9,730.37	3	9,545.63	9	9,360.89	3	9,176.16	9	8,991.42	3	8,806.68	9	8,621.94	3	8,437.21	9	8,252.47
1/8	9,911.26	1/8	9,726.52	1/8	9,541.78	1/8	9,357.05	1/8	9,172.31	1/8	8,987.57	1/8	8,802.83	1/8	8,618.10	1/8	8,433.36	1/8	8,248.62
1/4	9,907.41	1/4	9,722.67	1/4	9,537.93	1/4	9,353.20	1/4	9,168.46	1/4	8,983.72	1/4	8,798.98	1/4	8,614.25	1/4	8,429.51	1/4	8,244.77
3/8	9,903.56	3/8	9,718.82	3/8	9,534.09	3/8	9,349.35	3/8	9,164.61	3/8	8,979.87	3/8	8,795.14	3/8	8,610.40	3/8	8,425.66	3/8	8,240.92
1/2	9,899.71	1/2	9,714.97	1/2	9,530.24	1/2	9,345.50	1/2	9,160.76	1/2	8,976.02	1/2	8,791.29	1/2	8,606.55	1/2	8,421.81	1/2	8,237.07
5/8	9,895.86	5/8	9,711.13	5/8	9,526.39	5/8	9,341.65	5/8	9,156.91	5/8	8,972.18	5/8	8,787.44	5/8	8,602.70	5/8	8,417.96	5/8	8,233.23
3/4	9,892.01	3/4	9,707.28	3/4	9,522.54	3/4	9,337.80	3/4	9,153.06	3/4	8,968.33	3/4	8,783.59	3/4	8,598.85	3/4	8,414.11	3/4	8,229.38
7/8	9,888.17	7/8	9,703.43	7/8	9,518.69	7/8	9,333.95	7/8	9,149.22	7/8	8,964.48	7/8	8,779.74	7/8	8,595.00	7/8	8,410.27	7/8	8,225.53
4	9,884.32	10	9,699.58	4	9,514.84	10	9,330.10	4	9,145.37	10	8,960.63	4	8,775.89	10	8,591.15	4	8,406.42	10	8,221.68
1/8	9,880.47	1/8	9,695.73	1/8	9,510.99	1/8	9,326.26	1/8	9,141.52	1/8	8,956.78	1/8	8,772.04	1/8	8,587.31	1/8	8,402.57	1/8	8,217.83
1/4	9,876.62	1/4	9,691.88	1/4	9,507.14	1/4	9,322.41	1/4	9,137.67	1/4	8,952.93	1/4	8,768.19	1/4	8,583.46	1/4	8,398.72	1/4	8,213.98
3/8	9,872.77	3/8	9,688.03	3/8	9,503.30	3/8	9,318.56	3/8	9,133.82	3/8	8,949.08	3/8	8,764.35	3/8	8,579.61	3/8	8,394.87	3/8	8,210.13
1/2	9,868.92	1/2	9,684.18	1/2	9,499.45	1/2	9,314.71	1/2	9,129.97	1/2	8,945.23	1/2	8,760.50	1/2	8,575.76	1/2	8,391.02	1/2	8,206.28
5/8	9,865.07	5/8	9,680.34	5/8	9,495.60	5/8	9,310.86	5/8	9,126.12	5/8	8,941.39	5/8	8,756.65	5/8	8,571.91	5/8	8,387.17	5/8	8,202.44
3/4	9,861.23	3/4	9,676.49	3/4	9,491.75	3/4	9,307.01	3/4	9,122.27	3/4	8,937.54	3/4	8,752.80	3/4	8,568.06	3/4	8,383.32	3/4	8,198.59
7/8	9,857.38	7/8	9,672.64	7/8	9,487.90	7/8	9,303.16	7/8	9,118.43	7/8	8,933.69	7/8	8,748.95	7/8	8,564.21	7/8	8,379.48	7/8	8,194.74
5	9,853.53	11	9,668.79	5	9,484.05	11	9,299.31	5	9,114.58	11	8,929.84	5	8,745.10	11	8,560.36	5	8,375.63	11	8,190.89
1/8	9,849.68	1/8	9,664.94	1/8	9,480.20	1/8	9,295.47	1/8	9,110.73	1/8	8,925.99	1/8	8,741.25	1/8	8,556.52	1/8	8,371.78	1/8	8,187.04
1/4	9,845.83	1/4	9,661.09	1/4	9,476.36	1/4	9,291.62	1/4	9,106.88	1/4	8,922.14	1/4	8,737.40	1/4	8,552.67	1/4	8,367.93	1/4	8,183.19
3/8	9,841.98	3/8	9,657.24	3/8	9,472.51	3/8	9,287.77	3/8	9,103.03	3/8	8,918.29	3/8	8,733.56	3/8	8,548.82	3/8	8,364.08	3/8	8,179.34
1/2	9,838.13	1/2	9,653.40	1/2	9,468.66	1/2	9,283.92	1/2	9,099.18	1/2	8,914.44	1/2	8,729.71	1/2	8,544.97	1/2	8,360.23	1/2	8,175.49
5/8	9,834.28	5/8	9,649.55	5/8	9,464.81	5/8	9,280.07	5/8	9,095.33	5/8	8,910.60	5/8	8,725.86	5/8	8,541.12	5/8	8,356.38	5/8	8,171.65
3/4	9,830.44	3/4	9,645.70	3/4	9,460.96	3/4	9,276.22	3/4	9,091.49	3/4	8,906.75	3/4	8,722.01	3/4	8,537.27	3/4	8,352.53	3/4	8,167.80
7/8	9,826.59	7/8	9,641.85	7/8	9,457.11	7/8	9,272.37	7/8	9,087.64	7/8	8,902.90	7/8	8,718.16	7/8	8,533.42	7/8	8,348.69	7/8	8,163.95

GAUGE LOCATED 29'-3 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: TH 03/04/05
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SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

3 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	8,160.10	6	7,975.36	0	7,790.62	6	7,605.89	0	7,421.15	6	7,236.41	0	7,051.67	6	6,866.94	0	6,682.20	6	6,497.46
1/8	8,156.25	1/8	7,971.51	1/8	7,786.78	1/8	7,602.04	1/8	7,417.30	1/8	7,232.56	1/8	7,047.83	1/8	6,863.09	1/8	6,678.35	1/8	6,493.61
1/4	8,152.40	1/4	7,967.66	1/4	7,782.93	1/4	7,598.19	1/4	7,413.45	1/4	7,228.71	1/4	7,043.98	1/4	6,859.24	1/4	6,674.50	1/4	6,489.76
3/8	8,148.55	3/8	7,963.82	3/8	7,779.08	3/8	7,594.34	3/8	7,409.60	3/8	7,224.87	3/8	7,040.13	3/8	6,855.39	3/8	6,670.65	3/8	6,485.92
1/2	8,144.70	1/2	7,959.97	1/2	7,775.23	1/2	7,590.49	1/2	7,405.75	1/2	7,221.02	1/2	7,036.28	1/2	6,851.54	1/2	6,666.80	1/2	6,482.07
5/8	8,140.86	5/8	7,956.12	5/8	7,771.38	5/8	7,586.64	5/8	7,401.91	5/8	7,217.17	5/8	7,032.43	5/8	6,847.69	5/8	6,662.96	5/8	6,478.22
3/4	8,137.01	3/4	7,952.27	3/4	7,767.53	3/4	7,582.79	3/4	7,398.06	3/4	7,213.32	3/4	7,028.58	3/4	6,843.84	3/4	6,659.11	3/4	6,474.37
7/8	8,133.16	7/8	7,948.42	7/8	7,763.68	7/8	7,578.95	7/8	7,394.21	7/8	7,209.47	7/8	7,024.73	7/8	6,840.00	7/8	6,655.26	7/8	6,470.52
1	8,129.31	7	7,944.57	1	7,759.83	7	7,575.10	1	7,390.36	7	7,205.62	1	7,020.88	7	6,836.15	1	6,651.41	7	6,466.67
1/8	8,125.46	1/8	7,940.72	1/8	7,755.99	1/8	7,571.25	1/8	7,386.51	1/8	7,201.77	1/8	7,017.04	1/8	6,832.30	1/8	6,647.56	1/8	6,462.82
1/4	8,121.61	1/4	7,936.88	1/4	7,752.14	1/4	7,567.40	1/4	7,382.66	1/4	7,197.92	1/4	7,013.19	1/4	6,828.45	1/4	6,643.71	1/4	6,458.97
3/8	8,117.76	3/8	7,933.03	3/8	7,748.29	3/8	7,563.55	3/8	7,378.81	3/8	7,194.08	3/8	7,009.34	3/8	6,824.60	3/8	6,639.86	3/8	6,455.13
1/2	8,113.92	1/2	7,929.18	1/2	7,744.44	1/2	7,559.70	1/2	7,374.96	1/2	7,190.23	1/2	7,005.49	1/2	6,820.75	1/2	6,636.01	1/2	6,451.28
5/8	8,110.07	5/8	7,925.33	5/8	7,740.59	5/8	7,555.85	5/8	7,371.12	5/8	7,186.38	5/8	7,001.64	5/8	6,816.90	5/8	6,632.17	5/8	6,447.43
3/4	8,106.22	3/4	7,921.48	3/4	7,736.74	3/4	7,552.01	3/4	7,367.27	3/4	7,182.53	3/4	6,997.79	3/4	6,813.05	3/4	6,628.32	3/4	6,443.58
7/8	8,102.37	7/8	7,917.63	7/8	7,732.89	7/8	7,548.16	7/8	7,363.42	7/8	7,178.68	7/8	6,993.94	7/8	6,809.21	7/8	6,624.47	7/8	6,439.73
2	8,098.52	8	7,913.78	2	7,729.05	8	7,544.31	2	7,359.57	8	7,174.83	2	6,990.09	8	6,805.36	2	6,620.62	8	6,435.88
1/8	8,094.67	1/8	7,909.93	1/8	7,725.20	1/8	7,540.46	1/8	7,355.72	1/8	7,170.98	1/8	6,986.25	1/8	6,801.51	1/8	6,616.77	1/8	6,432.03
1/4	8,090.82	1/4	7,906.09	1/4	7,721.35	1/4	7,536.61	1/4	7,351.87	1/4	7,167.14	1/4	6,982.40	1/4	6,797.66	1/4	6,612.92	1/4	6,428.18
3/8	8,086.97	3/8	7,902.24	3/8	7,717.50	3/8	7,532.76	3/8	7,348.02	3/8	7,163.29	3/8	6,978.55	3/8	6,793.81	3/8	6,609.07	3/8	6,424.34
1/2	8,083.13	1/2	7,898.39	1/2	7,713.65	1/2	7,528.91	1/2	7,344.18	1/2	7,159.44	1/2	6,974.70	1/2	6,789.96	1/2	6,605.22	1/2	6,420.49
5/8	8,079.28	5/8	7,894.54	5/8	7,709.80	5/8	7,525.06	5/8	7,340.33	5/8	7,155.59	5/8	6,970.85	5/8	6,786.11	5/8	6,601.38	5/8	6,416.64
3/4	8,075.43	3/4	7,890.69	3/4	7,705.95	3/4	7,521.22	3/4	7,336.48	3/4	7,151.74	3/4	6,967.00	3/4	6,782.27	3/4	6,597.53	3/4	6,412.79
7/8	8,071.58	7/8	7,886.84	7/8	7,702.10	7/8	7,517.37	7/8	7,332.63	7/8	7,147.89	7/8	6,963.15	7/8	6,778.42	7/8	6,593.68	7/8	6,408.94
3	8,067.73	9	7,882.99	3	7,698.26	9	7,513.52	3	7,328.78	9	7,144.04	3	6,959.31	9	6,774.57	3	6,589.83	9	6,405.09
1/8	8,063.88	1/8	7,879.14	1/8	7,694.41	1/8	7,509.67	1/8	7,324.93	1/8	7,140.19	1/8	6,955.46	1/8	6,770.72	1/8	6,585.98	1/8	6,401.24
1/4	8,060.03	1/4	7,875.30	1/4	7,690.56	1/4	7,505.82	1/4	7,321.08	1/4	7,136.35	1/4	6,951.61	1/4	6,766.87	1/4	6,582.13	1/4	6,397.40
3/8	8,056.18	3/8	7,871.45	3/8	7,686.71	3/8	7,501.97	3/8	7,317.23	3/8	7,132.50	3/8	6,947.76	3/8	6,763.02	3/8	6,578.28	3/8	6,393.55
1/2	8,052.34	1/2	7,867.60	1/2	7,682.86	1/2	7,498.12	1/2	7,313.39	1/2	7,128.65	1/2	6,943.91	1/2	6,759.17	1/2	6,574.44	1/2	6,389.70
5/8	8,048.49	5/8	7,863.75	5/8	7,679.01	5/8	7,494.27	5/8	7,309.54	5/8	7,124.80	5/8	6,940.06	5/8	6,755.32	5/8	6,570.59	5/8	6,385.85
3/4	8,044.64	3/4	7,859.90	3/4	7,675.16	3/4	7,490.43	3/4	7,305.69	3/4	7,120.95	3/4	6,936.21	3/4	6,751.48	3/4	6,566.74	3/4	6,382.00
7/8	8,040.79	7/8	7,856.05	7/8	7,671.31	7/8	7,486.58	7/8	7,301.84	7/8	7,117.10	7/8	6,932.36	7/8	6,747.63	7/8	6,562.89	7/8	6,378.15
4	8,036.94	10	7,852.20	4	7,667.47	10	7,482.73	4	7,297.99	10	7,113.25	4	6,928.52	10	6,743.78	4	6,559.04	10	6,374.30
1/8	8,033.09	1/8	7,848.36	1/8	7,663.62	1/8	7,478.88	1/8	7,294.14	1/8	7,109.40	1/8	6,924.67	1/8	6,739.93	1/8	6,555.19	1/8	6,370.45
1/4	8,029.24	1/4	7,844.51	1/4	7,659.77	1/4	7,475.03	1/4	7,290.29	1/4	7,105.56	1/4	6,920.82	1/4	6,736.08	1/4	6,551.34	1/4	6,366.61
3/8	8,025.40	3/8	7,840.66	3/8	7,655.92	3/8	7,471.18	3/8	7,286.44	3/8	7,101.71	3/8	6,916.97	3/8	6,732.23	3/8	6,547.49	3/8	6,362.76
1/2	8,021.55	1/2	7,836.81	1/2	7,652.07	1/2	7,467.33	1/2	7,282.60	1/2	7,097.86	1/2	6,913.12	1/2	6,728.38	1/2	6,543.65	1/2	6,358.91
5/8	8,017.70	5/8	7,832.96	5/8	7,648.22	5/8	7,463.49	5/8	7,278.75	5/8	7,094.01	5/8	6,909.27	5/8	6,724.53	5/8	6,539.80	5/8	6,355.06
3/4	8,013.85	3/4	7,829.11	3/4	7,644.37	3/4	7,459.64	3/4	7,274.90	3/4	7,090.16	3/4	6,905.42	3/4	6,720.69	3/4	6,535.95	3/4	6,351.21
7/8	8,010.00	7/8	7,825.26	7/8	7,640.53	7/8	7,455.79	7/8	7,271.05	7/8	7,086.31	7/8	6,901.57	7/8	6,716.84	7/8	6,532.10	7/8	6,347.36
5	8,006.15	11	7,821.41	5	7,636.68	11	7,451.94	5	7,267.20	11	7,082.46	5	6,897.73	11	6,712.99	5	6,528.25	11	6,343.51
1/8	8,002.30	1/8	7,817.57	1/8	7,632.83	1/8	7,448.09	1/8	7,263.35	1/8	7,078.62	1/8	6,893.88	1/8	6,709.14	1/8	6,524.40	1/8	6,339.66
1/4	7,998.45	1/4	7,813.72	1/4	7,628.98	1/4	7,444.24	1/4	7,259.50	1/4	7,074.77	1/4	6,890.03	1/4	6,705.29	1/4	6,520.55	1/4	6,335.82
3/8	7,994.61	3/8	7,809.87	3/8	7,625.13	3/8	7,440.39	3/8	7,255.66	3/8	7,070.92	3/8	6,886.18	3/8	6,701.44	3/8	6,516.70	3/8	6,331.97
1/2	7,990.76	1/2	7,806.02	1/2	7,621.28	1/2	7,436.54	1/2	7,251.81	1/2	7,067.07	1/2	6,882.33	1/2	6,697.59	1/2	6,512.86	1/2	6,328.12
5/8	7,986.91	5/8	7,802.17	5/8	7,617.43	5/8	7,432.70	5/8	7,247.96	5/8	7,063.22	5/8	6,878.48	5/8	6,693.75	5/8	6,509.01	5/8	6,324.27
3/4	7,983.06	3/4	7,798.32	3/4	7,613.58	3/4	7,428.85	3/4	7,244.11	3/4	7,059.37	3/4	6,874.63	3/4	6,689.90	3/4	6,505.16	3/4	6,320.42
7/8	7,979.21	7/8	7,794.47	7/8	7,609.74	7/8	7,425.00	7/8	7,240.26	7/8	7,055.52	7/8	6,870.79	7/8	6,686.05	7/8	6,501.31	7/8	6,316.57

GAUGE LOCATED 29'-3 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

3 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	6,312.72	6	6,127.99	0	5,943.25	6	5,758.51	0	5,573.77	6	5,389.04	0	5,204.30	6	5,019.56	0	4,834.82	6	4,650.09
1/8	6,308.88	1/8	6,124.14	1/8	5,939.40	1/8	5,754.66	1/8	5,569.92	1/8	5,385.19	1/8	5,200.45	1/8	5,015.71	1/8	4,830.97	1/8	4,646.24
1/4	6,305.03	1/4	6,120.29	1/4	5,935.55	1/4	5,750.81	1/4	5,566.08	1/4	5,381.34	1/4	5,196.60	1/4	5,011.86	1/4	4,827.13	1/4	4,642.39
3/8	6,301.18	3/8	6,116.44	3/8	5,931.70	3/8	5,746.96	3/8	5,562.23	3/8	5,377.49	3/8	5,192.75	3/8	5,008.01	3/8	4,823.28	3/8	4,638.54
1/2	6,297.33	1/2	6,112.59	1/2	5,927.85	1/2	5,743.12	1/2	5,558.38	1/2	5,373.64	1/2	5,188.90	1/2	5,004.17	1/2	4,819.43	1/2	4,634.69
5/8	6,293.48	5/8	6,108.74	5/8	5,924.01	5/8	5,739.27	5/8	5,554.53	5/8	5,369.79	5/8	5,185.05	5/8	5,000.32	5/8	4,815.58	5/8	4,630.84
3/4	6,289.63	3/4	6,104.89	3/4	5,920.16	3/4	5,735.42	3/4	5,550.68	3/4	5,365.94	3/4	5,181.21	3/4	4,996.47	3/4	4,811.73	3/4	4,626.99
7/8	6,285.78	7/8	6,101.05	7/8	5,916.31	7/8	5,731.57	7/8	5,546.83	7/8	5,362.09	7/8	5,177.36	7/8	4,992.62	7/8	4,807.88	7/8	4,623.14
1	6,281.93	7	6,097.20	1	5,912.46	7	5,727.72	1	5,542.98	7	5,358.25	1	5,173.51	7	4,988.77	1	4,804.03	7	4,619.30
1/8	6,278.09	1/8	6,093.35	1/8	5,908.61	1/8	5,723.87	1/8	5,539.14	1/8	5,354.40	1/8	5,169.66	1/8	4,984.92	1/8	4,800.18	1/8	4,615.45
1/4	6,274.24	1/4	6,089.50	1/4	5,904.76	1/4	5,720.02	1/4	5,535.29	1/4	5,350.55	1/4	5,165.81	1/4	4,981.07	1/4	4,796.34	1/4	4,611.60
3/8	6,270.39	3/8	6,085.65	3/8	5,900.91	3/8	5,716.18	3/8	5,531.44	3/8	5,346.70	3/8	5,161.96	3/8	4,977.22	3/8	4,792.49	3/8	4,607.75
1/2	6,266.54	1/2	6,081.80	1/2	5,897.06	1/2	5,712.33	1/2	5,527.59	1/2	5,342.85	1/2	5,158.11	1/2	4,973.38	1/2	4,788.64	1/2	4,603.90
5/8	6,262.69	5/8	6,077.95	5/8	5,893.22	5/8	5,708.48	5/8	5,523.74	5/8	5,339.00	5/8	5,154.27	5/8	4,969.53	5/8	4,784.79	5/8	4,600.05
3/4	6,258.84	3/4	6,074.10	3/4	5,889.37	3/4	5,704.63	3/4	5,519.89	3/4	5,335.15	3/4	5,150.42	3/4	4,965.68	3/4	4,780.94	3/4	4,596.20
7/8	6,254.99	7/8	6,070.26	7/8	5,885.52	7/8	5,700.78	7/8	5,516.04	7/8	5,331.31	7/8	5,146.57	7/8	4,961.83	7/8	4,777.09	7/8	4,592.35
2	6,251.14	8	6,066.41	2	5,881.67	8	5,696.93	2	5,512.19	8	5,327.46	2	5,142.72	8	4,957.98	2	4,773.24	8	4,588.51
1/8	6,247.30	1/8	6,062.56	1/8	5,877.82	1/8	5,693.08	1/8	5,508.35	1/8	5,323.61	1/8	5,138.87	1/8	4,954.13	1/8	4,769.40	1/8	4,584.66
1/4	6,243.45	1/4	6,058.71	1/4	5,873.97	1/4	5,689.23	1/4	5,504.50	1/4	5,319.76	1/4	5,135.02	1/4	4,950.28	1/4	4,765.55	1/4	4,580.81
3/8	6,239.60	3/8	6,054.86	3/8	5,870.12	3/8	5,685.39	3/8	5,500.65	3/8	5,315.91	3/8	5,131.17	3/8	4,946.44	3/8	4,761.70	3/8	4,576.96
1/2	6,235.75	1/2	6,051.01	1/2	5,866.27	1/2	5,681.54	1/2	5,496.80	1/2	5,312.06	1/2	5,127.32	1/2	4,942.59	1/2	4,757.85	1/2	4,573.11
5/8	6,231.90	5/8	6,047.16	5/8	5,862.43	5/8	5,677.69	5/8	5,492.95	5/8	5,308.21	5/8	5,123.48	5/8	4,938.74	5/8	4,754.00	5/8	4,569.26
3/4	6,228.05	3/4	6,043.31	3/4	5,858.58	3/4	5,673.84	3/4	5,489.10	3/4	5,303.36	3/4	5,119.63	3/4	4,934.89	3/4	4,750.15	3/4	4,565.41
7/8	6,224.20	7/8	6,039.47	7/8	5,854.73	7/8	5,669.99	7/8	5,485.25	7/8	5,300.52	7/8	5,115.78	7/8	4,931.04	7/8	4,746.30	7/8	4,561.57
3	6,220.35	9	6,035.62	3	5,850.88	9	5,666.14	3	5,481.40	9	5,296.67	3	5,111.93	9	4,927.19	3	4,742.45	9	4,557.72
1/8	6,216.51	1/8	6,031.77	1/8	5,847.03	1/8	5,662.29	1/8	5,477.56	1/8	5,292.82	1/8	5,108.08	1/8	4,923.34	1/8	4,738.61	1/8	4,553.87
1/4	6,212.66	1/4	6,027.92	1/4	5,843.18	1/4	5,658.44	1/4	5,473.71	1/4	5,288.97	1/4	5,104.23	1/4	4,919.49	1/4	4,734.76	1/4	4,550.02
3/8	6,208.81	3/8	6,024.07	3/8	5,839.33	3/8	5,654.60	3/8	5,469.86	3/8	5,285.12	3/8	5,100.38	3/8	4,915.65	3/8	4,730.91	3/8	4,546.17
1/2	6,204.96	1/2	6,020.22	1/2	5,835.48	1/2	5,650.75	1/2	5,466.01	1/2	5,281.27	1/2	5,096.53	1/2	4,911.80	1/2	4,727.06	1/2	4,542.32
5/8	6,201.11	5/8	6,016.37	5/8	5,831.64	5/8	5,646.90	5/8	5,462.16	5/8	5,277.42	5/8	5,092.69	5/8	4,907.95	5/8	4,723.21	5/8	4,538.47
3/4	6,197.26	3/4	6,012.53	3/4	5,827.79	3/4	5,643.05	3/4	5,458.31	3/4	5,273.57	3/4	5,088.84	3/4	4,904.10	3/4	4,719.36	3/4	4,534.62
7/8	6,193.41	7/8	6,008.68	7/8	5,823.94	7/8	5,639.20	7/8	5,454.46	7/8	5,269.73	7/8	5,084.99	7/8	4,900.25	7/8	4,715.51	7/8	4,530.78
4	6,189.57	10	6,004.83	4	5,820.09	10	5,635.35	4	5,450.61	10	5,265.88	4	5,081.14	10	4,896.40	4	4,711.66	10	4,526.93
1/8	6,185.72	1/8	6,000.98	1/8	5,816.24	1/8	5,631.50	1/8	5,446.77	1/8	5,262.03	1/8	5,077.29	1/8	4,892.55	1/8	4,707.82	1/8	4,523.08
1/4	6,181.87	1/4	5,997.13	1/4	5,812.39	1/4	5,627.66	1/4	5,442.92	1/4	5,258.18	1/4	5,073.44	1/4	4,888.70	1/4	4,703.97	1/4	4,519.23
3/8	6,178.02	3/8	5,993.28	3/8	5,808.54	3/8	5,623.81	3/8	5,439.07	3/8	5,254.33	3/8	5,069.59	3/8	4,884.86	3/8	4,700.12	3/8	4,515.38
1/2	6,174.17	1/2	5,989.43	1/2	5,804.70	1/2	5,619.96	1/2	5,435.22	1/2	5,250.48	1/2	5,065.74	1/2	4,881.01	1/2	4,696.27	1/2	4,511.53
5/8	6,170.32	5/8	5,985.58	5/8	5,800.85	5/8	5,616.11	5/8	5,431.37	5/8	5,246.63	5/8	5,061.90	5/8	4,877.16	5/8	4,692.42	5/8	4,507.68
3/4	6,166.47	3/4	5,981.74	3/4	5,797.00	3/4	5,612.26	3/4	5,427.52	3/4	5,242.79	3/4	5,058.05	3/4	4,873.31	3/4	4,688.57	3/4	4,503.83
7/8	6,162.62	7/8	5,977.89	7/8	5,793.15	7/8	5,608.41	7/8	5,423.67	7/8	5,238.94	7/8	5,054.20	7/8	4,869.46	7/8	4,684.72	7/8	4,499.99
5	6,158.78	11	5,974.04	5	5,789.30	11	5,604.56	5	5,419.83	11	5,235.09	5	5,050.35	11	4,865.61	5	4,680.87	11	4,496.14
1/8	6,154.93	1/8	5,970.19	1/8	5,785.45	1/8	5,600.71	1/8	5,415.98	1/8	5,231.24	1/8	5,046.50	1/8	4,861.76	1/8	4,677.03	1/8	4,492.29
1/4	6,151.08	1/4	5,966.34	1/4	5,781.60	1/4	5,596.87	1/4	5,412.13	1/4	5,227.39	1/4	5,042.65	1/4	4,857.92	1/4	4,673.18	1/4	4,488.44
3/8	6,147.23	3/8	5,962.49	3/8	5,777.75	3/8	5,593.02	3/8	5,408.28	3/8	5,223.54	3/8	5,038.80	3/8	4,854.07	3/8	4,669.33	3/8	4,484.59
1/2	6,143.38	1/2	5,958.64	1/2	5,773.91	1/2	5,589.17	1/2	5,404.43	1/2	5,219.69	1/2	5,034.96	1/2	4,850.22	1/2	4,665.48	1/2	4,480.74
5/8	6,139.53	5/8	5,954.79	5/8	5,770.06	5/8	5,585.32	5/8	5,400.58	5/8	5,215.84	5/8	5,031.11	5/8	4,846.37	5/8	4,661.63	5/8	4,476.89
3/4	6,135.68	3/4	5,950.95	3/4	5,766.21	3/4	5,581.47	3/4	5,396.73	3/4	5,212.00	3/4	5,027.26	3/4	4,842.52	3/4	4,657.78	3/4	4,473.05
7/8	6,131.83	7/8	5,947.10	7/8	5,762.36	7/8	5,577.62	7/8	5,392.88	7/8	5,208.15	7/8	5,023.41	7/8	4,838.67	7/8	4,653.93	7/8	4,469.20

GAUGE LOCATED 29'-3 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**3 STAR
ULLAGE TABLE**

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	4,465.35	6	4,280.78	0	4,099.06	6	3,919.27	0	3,737.56	6	3,554.10	0	3,370.63	6	3,186.40	0	3,002.04	6	2,817.67
1/8	4,461.50	1/8	4,276.95	1/8	4,095.31	1/8	3,915.52	1/8	3,733.74	1/8	3,550.28	1/8	3,366.80	1/8	3,182.56	1/8	2,998.20	1/8	2,813.83
1/4	4,457.65	1/4	4,273.12	1/4	4,091.56	1/4	3,911.78	1/4	3,729.92	1/4	3,546.45	1/4	3,362.97	1/4	3,178.72	1/4	2,994.35	1/4	2,809.99
3/8	4,453.80	3/8	4,269.29	3/8	4,087.82	3/8	3,908.03	3/8	3,726.10	3/8	3,542.63	3/8	3,359.15	3/8	3,174.88	3/8	2,990.51	3/8	2,806.15
1/2	4,449.95	1/2	4,265.46	1/2	4,084.07	1/2	3,904.28	1/2	3,722.28	1/2	3,538.81	1/2	3,355.32	1/2	3,171.04	1/2	2,986.67	1/2	2,802.30
5/8	4,446.10	5/8	4,261.63	5/8	4,080.33	5/8	3,900.54	5/8	3,718.45	5/8	3,534.99	5/8	3,351.50	5/8	3,167.20	5/8	2,982.83	5/8	2,798.46
3/4	4,442.26	3/4	4,257.80	3/4	4,076.58	3/4	3,896.79	3/4	3,714.63	3/4	3,531.17	3/4	3,347.67	3/4	3,163.36	3/4	2,978.99	3/4	2,794.62
7/8	4,438.41	7/8	4,253.97	7/8	4,072.84	7/8	3,893.05	7/8	3,710.81	7/8	3,527.34	7/8	3,343.84	7/8	3,159.52	7/8	2,975.15	7/8	2,790.78
1	4,434.56	7	4,250.14	1	4,069.09	7	3,889.30	1	3,706.99	7	3,523.52	1	3,340.00	7	3,155.68	1	2,971.31	7	2,786.94
1/8	4,430.71	1/8	4,246.31	1/8	4,065.35	1/8	3,885.56	1/8	3,703.16	1/8	3,519.70	1/8	3,336.17	1/8	3,151.84	1/8	2,967.47	1/8	2,783.10
1/4	4,426.86	1/4	4,242.48	1/4	4,061.60	1/4	3,881.81	1/4	3,699.34	1/4	3,515.88	1/4	3,332.34	1/4	3,147.99	1/4	2,963.63	1/4	2,779.26
3/8	4,423.01	3/8	4,238.65	3/8	4,057.85	3/8	3,878.07	3/8	3,695.52	3/8	3,512.05	3/8	3,328.50	3/8	3,144.15	3/8	2,959.79	3/8	2,775.42
1/2	4,419.16	1/2	4,234.82	1/2	4,054.11	1/2	3,874.32	1/2	3,691.70	1/2	3,508.23	1/2	3,324.67	1/2	3,140.31	1/2	2,955.94	1/2	2,771.58
5/8	4,415.31	5/8	4,230.99	5/8	4,050.36	5/8	3,870.57	5/8	3,687.88	5/8	3,504.41	5/8	3,320.83	5/8	3,136.47	5/8	2,952.10	5/8	2,767.74
3/4	4,411.47	3/4	4,227.16	3/4	4,046.62	3/4	3,866.83	3/4	3,684.05	3/4	3,500.59	3/4	3,317.00	3/4	3,132.63	3/4	2,948.26	3/4	2,763.89
7/8	4,407.62	7/8	4,223.35	7/8	4,042.87	7/8	3,863.07	7/8	3,680.23	7/8	3,496.77	7/8	3,313.16	7/8	3,128.79	7/8	2,944.42	7/8	2,760.05
2	4,403.77	8	4,219.53	2	4,039.13	8	3,859.31	2	3,676.41	8	3,492.94	2	3,309.32	8	3,124.95	2	2,940.58	8	2,756.21
1/8	4,399.92	1/8	4,215.72	1/8	4,035.38	1/8	3,855.55	1/8	3,672.59	1/8	3,489.12	1/8	3,305.48	1/8	3,121.11	1/8	2,936.74	1/8	2,752.37
1/4	4,396.07	1/4	4,211.90	1/4	4,031.63	1/4	3,851.79	1/4	3,668.76	1/4	3,485.30	1/4	3,301.63	1/4	3,117.27	1/4	2,932.90	1/4	2,748.53
3/8	4,392.22	3/8	4,208.09	3/8	4,027.89	3/8	3,848.03	3/8	3,664.94	3/8	3,481.48	3/8	3,297.79	3/8	3,113.43	3/8	2,929.06	3/8	2,744.69
1/2	4,388.37	1/2	4,204.28	1/2	4,024.14	1/2	3,844.27	1/2	3,661.12	1/2	3,477.65	1/2	3,293.95	1/2	3,109.58	1/2	2,925.22	1/2	2,740.85
5/8	4,384.53	5/8	4,200.46	5/8	4,020.40	5/8	3,840.51	5/8	3,657.30	5/8	3,473.83	5/8	3,290.11	5/8	3,105.74	5/8	2,921.38	5/8	2,737.01
3/4	4,380.68	3/4	4,196.65	3/4	4,016.65	3/4	3,836.75	3/4	3,653.48	3/4	3,470.01	3/4	3,286.27	3/4	3,101.90	3/4	2,917.53	3/4	2,733.17
7/8	4,376.83	7/8	4,192.88	7/8	4,012.91	7/8	3,832.95	7/8	3,649.65	7/8	3,466.19	7/8	3,282.43	7/8	3,098.06	7/8	2,913.69	7/8	2,729.33
3	4,372.98	9	4,189.11	3	4,009.16	9	3,829.15	3	3,645.83	9	3,462.37	3	3,278.59	9	3,094.22	3	2,909.85	9	2,725.48
1/8	4,369.13	1/8	4,185.33	1/8	4,005.42	1/8	3,825.35	1/8	3,642.01	1/8	3,458.54	1/8	3,274.75	1/8	3,090.38	1/8	2,906.01	1/8	2,721.64
1/4	4,365.28	1/4	4,181.56	1/4	4,001.67	1/4	3,821.56	1/4	3,638.19	1/4	3,454.72	1/4	3,270.91	1/4	3,086.54	1/4	2,902.17	1/4	2,717.80
3/8	4,361.43	3/8	4,177.79	3/8	3,997.92	3/8	3,817.76	3/8	3,634.36	3/8	3,450.90	3/8	3,267.07	3/8	3,082.70	3/8	2,898.33	3/8	2,713.96
1/2	4,357.58	1/2	4,174.02	1/2	3,994.18	1/2	3,813.96	1/2	3,630.54	1/2	3,447.08	1/2	3,263.22	1/2	3,078.86	1/2	2,894.49	1/2	2,710.12
5/8	4,353.74	5/8	4,170.25	5/8	3,990.43	5/8	3,810.16	5/8	3,626.72	5/8	3,443.25	5/8	3,259.38	5/8	3,075.02	5/8	2,890.65	5/8	2,706.28
3/4	4,349.89	3/4	4,166.48	3/4	3,986.69	3/4	3,806.36	3/4	3,622.90	3/4	3,439.43	3/4	3,255.54	3/4	3,071.17	3/4	2,886.81	3/4	2,702.44
7/8	4,346.04	7/8	4,162.73	7/8	3,982.94	7/8	3,802.54	7/8	3,619.08	7/8	3,435.61	7/8	3,251.70	7/8	3,067.33	7/8	2,882.97	7/8	2,698.60
4	4,342.20	10	4,158.99	4	3,979.20	10	3,798.72	4	3,615.25	10	3,431.79	4	3,247.86	10	3,063.49	4	2,879.12	10	2,694.76
1/8	4,338.35	1/8	4,155.24	1/8	3,975.45	1/8	3,794.90	1/8	3,611.43	1/8	3,427.97	1/8	3,244.02	1/8	3,059.65	1/8	2,875.28	1/8	2,690.92
1/4	4,334.51	1/4	4,151.49	1/4	3,971.71	1/4	3,791.07	1/4	3,607.61	1/4	3,424.14	1/4	3,240.18	1/4	3,055.81	1/4	2,871.44	1/4	2,687.07
3/8	4,330.66	3/8	4,147.75	3/8	3,967.96	3/8	3,787.25	3/8	3,603.79	3/8	3,420.32	3/8	3,236.34	3/8	3,051.97	3/8	2,867.60	3/8	2,683.23
1/2	4,326.82	1/2	4,144.00	1/2	3,964.21	1/2	3,783.43	1/2	3,599.96	1/2	3,416.50	1/2	3,232.50	1/2	3,048.13	1/2	2,863.76	1/2	2,679.39
5/8	4,322.97	5/8	4,140.26	5/8	3,960.47	5/8	3,779.61	5/8	3,596.14	5/8	3,412.68	5/8	3,228.66	5/8	3,044.29	5/8	2,859.92	5/8	2,675.55
3/4	4,319.13	3/4	4,136.51	3/4	3,956.72	3/4	3,775.79	3/4	3,592.32	3/4	3,408.85	3/4	3,224.81	3/4	3,040.45	3/4	2,856.08	3/4	2,671.71
7/8	4,315.29	7/8	4,132.77	7/8	3,952.98	7/8	3,771.96	7/8	3,588.50	7/8	3,405.03	7/8	3,220.97	7/8	3,036.61	7/8	2,852.24	7/8	2,667.87
5	4,311.45	11	4,129.02	5	3,949.23	11	3,768.14	5	3,584.68	11	3,401.21	5	3,217.13	11	3,032.76	5	2,848.40	11	2,664.03
1/8	4,307.62	1/8	4,125.27	1/8	3,945.49	1/8	3,764.32	1/8	3,580.85	1/8	3,397.39	1/8	3,213.29	1/8	3,028.92	1/8	2,844.56	1/8	2,660.19
1/4	4,303.78	1/4	4,121.53	1/4	3,941.74	1/4	3,760.50	1/4	3,577.03	1/4	3,393.57	1/4	3,209.45	1/4	3,025.08	1/4	2,840.71	1/4	2,656.35
3/8	4,299.95	3/8	4,117.78	3/8	3,937.99	3/8	3,756.68	3/8	3,573.21	3/8	3,389.74	3/8	3,205.61	3/8	3,021.24	3/8	2,836.87	3/8	2,652.51
1/2	4,296.11	1/2	4,114.04	1/2	3,934.25	1/2	3,752.85	1/2	3,569.39	1/2	3,385.92	1/2	3,201.77	1/2	3,017.40	1/2	2,833.03	1/2	2,648.66
5/8	4,292.27	5/8	4,110.29	5/8	3,930.50	5/8	3,749.03	5/8	3,565.57	5/8	3,382.10	5/8	3,197.93	5/8	3,013.56	5/8	2,829.19	5/8	2,644.82
3/4	4,288.44	3/4	4,106.55	3/4	3,926.76	3/4	3,745.21	3/4	3,561.74	3/4	3,378.28	3/4	3,194.09	3/4	3,009.72	3/4	2,825.35	3/4	2,640.98
7/8	4,284.61	7/8	4,102.80	7/8	3,923.01	7/8	3,741.39	7/8	3,557.92	7/8	3,374.45	7/8	3,190.25	7/8	3,005.88	7/8	2,821.51	7/8	2,637.14

GAUGE LOCATED 29'-3 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
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SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

3 STAR
ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,633.30	6	2,448.93	0	2,264.56	6	2,080.20	0	1,895.83	6	1,711.46	0	1,527.09	6	1,342.72	0	1,161.57	6	985.34
1/8	2,629.46	1/8	2,445.09	1/8	2,260.72	1/8	2,076.36	1/8	1,891.99	1/8	1,707.62	1/8	1,523.25	1/8	1,338.88	1/8	1,157.90	1/8	981.67
1/4	2,625.62	1/4	2,441.25	1/4	2,256.88	1/4	2,072.51	1/4	1,888.15	1/4	1,703.78	1/4	1,519.41	1/4	1,335.04	1/4	1,154.22	1/4	978.00
3/8	2,621.78	3/8	2,437.41	3/8	2,253.04	3/8	2,068.67	3/8	1,884.31	3/8	1,699.94	3/8	1,515.57	3/8	1,331.20	3/8	1,150.55	3/8	974.33
1/2	2,617.94	1/2	2,433.57	1/2	2,249.20	1/2	2,064.83	1/2	1,880.46	1/2	1,696.10	1/2	1,511.73	1/2	1,327.36	1/2	1,146.88	1/2	970.66
5/8	2,614.10	5/8	2,429.73	5/8	2,245.36	5/8	2,060.99	5/8	1,876.62	5/8	1,692.26	5/8	1,507.89	5/8	1,323.52	5/8	1,143.21	5/8	966.99
3/4	2,610.25	3/4	2,425.89	3/4	2,241.52	3/4	2,057.15	3/4	1,872.78	3/4	1,688.41	3/4	1,504.05	3/4	1,319.68	3/4	1,139.53	3/4	963.31
7/8	2,606.41	7/8	2,422.05	7/8	2,237.68	7/8	2,053.31	7/8	1,868.94	7/8	1,684.57	7/8	1,500.21	7/8	1,315.84	7/8	1,135.86	7/8	959.64
1	2,602.57	7	2,418.20	1	2,233.84	7	2,049.47	1	1,865.10	7	1,680.73	1	1,496.36	7	1,312.00	1	1,132.19	7	955.97
1/8	2,598.73	1/8	2,414.36	1/8	2,230.00	1/8	2,045.63	1/8	1,861.26	1/8	1,676.89	1/8	1,492.52	1/8	1,308.16	1/8	1,128.52	1/8	952.30
1/4	2,594.89	1/4	2,410.52	1/4	2,226.15	1/4	2,041.79	1/4	1,857.42	1/4	1,673.05	1/4	1,488.68	1/4	1,304.31	1/4	1,124.85	1/4	948.63
3/8	2,591.05	3/8	2,406.68	3/8	2,222.31	3/8	2,037.95	3/8	1,853.58	3/8	1,669.21	3/8	1,484.84	3/8	1,300.47	3/8	1,121.18	3/8	944.96
1/2	2,587.21	1/2	2,402.84	1/2	2,218.47	1/2	2,034.10	1/2	1,849.74	1/2	1,665.37	1/2	1,481.00	1/2	1,296.63	1/2	1,117.51	1/2	941.29
5/8	2,583.37	5/8	2,399.00	5/8	2,214.63	5/8	2,030.26	5/8	1,845.90	5/8	1,661.53	5/8	1,477.16	5/8	1,292.79	5/8	1,113.83	5/8	937.62
3/4	2,579.53	3/4	2,395.16	3/4	2,210.79	3/4	2,026.42	3/4	1,842.05	3/4	1,657.69	3/4	1,473.32	3/4	1,288.95	3/4	1,110.16	3/4	933.95
7/8	2,575.69	7/8	2,391.32	7/8	2,206.95	7/8	2,022.58	7/8	1,838.21	7/8	1,653.85	7/8	1,469.48	7/8	1,285.11	7/8	1,106.49	7/8	930.27
2	2,571.84	8	2,387.48	2	2,203.11	8	2,018.74	2	1,834.37	8	1,650.00	2	1,465.64	8	1,281.27	2	1,102.82	8	926.60
1/8	2,568.00	1/8	2,383.64	1/8	2,199.27	1/8	2,014.90	1/8	1,830.53	1/8	1,646.16	1/8	1,461.80	1/8	1,277.43	1/8	1,099.15	1/8	922.93
1/4	2,564.16	1/4	2,379.79	1/4	2,195.43	1/4	2,011.06	1/4	1,826.69	1/4	1,642.32	1/4	1,457.95	1/4	1,273.59	1/4	1,095.48	1/4	919.26
3/8	2,560.32	3/8	2,375.95	3/8	2,191.59	3/8	2,007.22	3/8	1,822.85	3/8	1,638.48	3/8	1,454.11	3/8	1,269.75	3/8	1,091.81	3/8	915.59
1/2	2,556.48	1/2	2,372.11	1/2	2,187.74	1/2	2,003.38	1/2	1,819.01	1/2	1,634.64	1/2	1,450.27	1/2	1,265.90	1/2	1,088.14	1/2	911.92
5/8	2,552.64	5/8	2,368.27	5/8	2,183.90	5/8	1,999.54	5/8	1,815.17	5/8	1,630.80	5/8	1,446.43	5/8	1,262.06	5/8	1,084.46	5/8	908.25
3/4	2,548.80	3/4	2,364.43	3/4	2,180.06	3/4	1,995.69	3/4	1,811.33	3/4	1,626.96	3/4	1,442.59	3/4	1,258.22	3/4	1,080.79	3/4	904.58
7/8	2,544.96	7/8	2,360.59	7/8	2,176.22	7/8	1,991.85	7/8	1,807.49	7/8	1,623.12	7/8	1,438.75	7/8	1,254.43	7/8	1,077.12	7/8	900.90
3	2,541.12	9	2,356.75	3	2,172.38	9	1,988.01	3	1,803.64	9	1,619.28	3	1,434.91	9	1,250.64	3	1,073.45	9	897.23
1/8	2,537.28	1/8	2,352.91	1/8	2,168.54	1/8	1,984.17	1/8	1,799.80	1/8	1,615.44	1/8	1,431.07	1/8	1,246.85	1/8	1,069.78	1/8	893.56
1/4	2,533.43	1/4	2,349.07	1/4	2,164.70	1/4	1,980.33	1/4	1,795.96	1/4	1,611.59	1/4	1,427.23	1/4	1,243.06	1/4	1,066.11	1/4	889.89
3/8	2,529.59	3/8	2,345.23	3/8	2,160.86	3/8	1,976.49	3/8	1,792.12	3/8	1,607.75	3/8	1,423.39	3/8	1,239.26	3/8	1,062.44	3/8	886.22
1/2	2,525.75	1/2	2,341.38	1/2	2,157.02	1/2	1,972.65	1/2	1,788.28	1/2	1,603.91	1/2	1,419.54	1/2	1,235.47	1/2	1,058.77	1/2	882.55
5/8	2,521.91	5/8	2,337.54	5/8	2,153.18	5/8	1,968.81	5/8	1,784.44	5/8	1,600.07	5/8	1,415.70	5/8	1,231.68	5/8	1,055.09	5/8	878.88
3/4	2,518.07	3/4	2,333.70	3/4	2,149.33	3/4	1,964.97	3/4	1,780.60	3/4	1,596.23	3/4	1,411.86	3/4	1,227.89	3/4	1,051.42	3/4	875.21
7/8	2,514.23	7/8	2,329.86	7/8	2,145.49	7/8	1,961.13	7/8	1,776.76	7/8	1,592.39	7/8	1,408.02	7/8	1,224.19	7/8	1,047.75	7/8	871.53
4	2,510.39	10	2,326.02	4	2,141.65	10	1,957.28	4	1,772.92	10	1,588.55	4	1,404.18	10	1,220.50	4	1,044.08	10	867.86
1/8	2,506.55	1/8	2,322.18	1/8	2,137.81	1/8	1,953.44	1/8	1,769.08	1/8	1,584.71	1/8	1,400.34	1/8	1,216.80	1/8	1,040.41	1/8	864.19
1/4	2,502.71	1/4	2,318.34	1/4	2,133.97	1/4	1,949.60	1/4	1,765.23	1/4	1,580.87	1/4	1,396.50	1/4	1,213.10	1/4	1,036.74	1/4	860.52
3/8	2,498.87	3/8	2,314.50	3/8	2,130.13	3/8	1,945.76	3/8	1,761.39	3/8	1,577.03	3/8	1,392.66	3/8	1,209.41	3/8	1,033.07	3/8	856.84
1/2	2,495.02	1/2	2,310.66	1/2	2,126.29	1/2	1,941.92	1/2	1,757.55	1/2	1,573.18	1/2	1,388.82	1/2	1,205.71	1/2	1,029.40	1/2	853.17
5/8	2,491.18	5/8	2,306.82	5/8	2,122.45	5/8	1,938.08	5/8	1,753.71	5/8	1,569.34	5/8	1,384.98	5/8	1,202.01	5/8	1,025.73	5/8	849.50
3/4	2,487.34	3/4	2,302.97	3/4	2,118.61	3/4	1,934.24	3/4	1,749.87	3/4	1,565.50	3/4	1,381.13	3/4	1,198.32	3/4	1,022.05	3/4	845.83
7/8	2,483.50	7/8	2,299.13	7/8	2,114.77	7/8	1,930.40	7/8	1,746.03	7/8	1,561.66	7/8	1,377.29	7/8	1,194.64	7/8	1,018.38	7/8	842.15
5	2,479.66	11	2,295.29	5	2,110.92	11	1,926.56	5	1,742.19	11	1,557.82	5	1,373.45	11	1,190.97	5	1,014.71	11	838.48
1/8	2,475.82	1/8	2,291.45	1/8	2,107.08	1/8	1,922.72	1/8	1,738.35	1/8	1,553.98	1/8	1,369.61	1/8	1,187.29	1/8	1,011.04	1/8	834.80
1/4	2,471.98	1/4	2,287.61	1/4	2,103.24	1/4	1,918.87	1/4	1,734.51	1/4	1,550.14	1/4	1,365.77	1/4	1,183.62	1/4	1,007.37	1/4	831.13
3/8	2,468.14	3/8	2,283.77	3/8	2,099.40	3/8	1,915.03	3/8	1,730.67	3/8	1,546.30	3/8	1,361.93	3/8	1,179.94	3/8	1,003.70	3/8	827.45
1/2	2,464.30	1/2	2,279.93	1/2	2,095.56	1/2	1,911.19	1/2	1,726.82	1/2	1,542.46	1/2	1,358.09	1/2	1,176.27	1/2	1,000.03	1/2	823.78
5/8	2,460.46	5/8	2,276.09	5/8	2,091.72	5/8	1,907.35	5/8	1,722.98	5/8	1,538.62	5/8	1,354.25	5/8	1,172.59	5/8	996.36	5/8	820.10
3/4	2,456.61	3/4	2,272.25	3/4	2,087.88	3/4	1,903.51	3/4	1,719.14	3/4	1,534.77	3/4	1,350.41	3/4	1,168.92	3/4	992.68	3/4	816.43
7/8	2,452.77	7/8	2,268.41	7/8	2,084.04	7/8	1,899.67	7/8	1,715.30	7/8	1,530.93	7/8	1,346.57	7/8	1,165.24	7/8	989.01	7/8	812.74

GAUGE LOCATED 29'-3 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

3 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 3/4"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	809.05	6	626.26	0	441.89	6	257.65	0	75.73
1/8	805.36	1/8	622.42	1/8	438.05	1/8	253.82	1/8	72.45
1/4	801.68	1/4	618.58	1/4	434.21	1/4	249.99	1/4	69.17
3/8	797.99	3/8	614.73	3/8	430.37	3/8	246.16	3/8	65.89
1/2	794.30	1/2	610.89	1/2	426.53	1/2	242.33	1/2	62.61
5/8	790.61	5/8	607.05	5/8	422.68	5/8	238.50	5/8	59.33
3/4	786.92	3/4	603.21	3/4	418.84	3/4	234.67	3/4	56.05
7/8	783.16	7/8	599.37	7/8	415.00	7/8	230.84	7/8	53.42
1	779.41	7	595.53	1	411.16	7	227.01	1	50.78
1/8	775.65	1/8	591.69	1/8	407.32	1/8	223.18	1/8	48.14
1/4	771.89	1/4	587.85	1/4	403.48	1/4	219.34	1/4	45.50
3/8	768.13	3/8	584.01	3/8	399.64	3/8	215.51	3/8	42.87
1/2	764.37	1/2	580.17	1/2	395.80	1/2	211.68	1/2	40.23
5/8	760.61	5/8	576.32	5/8	391.96	5/8	207.85	5/8	37.59
3/4	756.85	3/4	572.48	3/4	388.12	3/4	204.02	3/4	34.95
7/8	753.01	7/8	568.64	7/8	384.27	7/8	200.19		
2	749.17	8	564.80	2	380.43	8	196.36		
1/8	745.33	1/8	560.96	1/8	376.59	1/8	192.53		
1/4	741.49	1/4	557.12	1/4	372.75	1/4	188.70		
3/8	737.65	3/8	553.28	3/8	368.91	3/8	184.87		
1/2	733.81	1/2	549.44	1/2	365.07	1/2	181.04		
5/8	729.96	5/8	545.60	5/8	361.23	5/8	177.20		
3/4	726.12	3/4	541.76	3/4	357.39	3/4	173.37		
7/8	722.28	7/8	537.91	7/8	353.55	7/8	169.54		
3	718.44	9	534.07	3	349.71	9	165.71		
1/8	714.60	1/8	530.23	1/8	345.86	1/8	161.88		
1/4	710.76	1/4	526.39	1/4	342.02	1/4	158.05		
3/8	706.92	3/8	522.55	3/8	338.18	3/8	154.22		
1/2	703.08	1/2	518.71	1/2	334.34	1/2	150.39		
5/8	699.24	5/8	514.87	5/8	330.50	5/8	146.56		
3/4	695.40	3/4	511.03	3/4	326.66	3/4	142.73		
7/8	691.55	7/8	507.19	7/8	322.82	7/8	138.89		
4	687.71	10	503.35	4	318.99	10	135.06		
1/8	683.87	1/8	499.50	1/8	315.15	1/8	131.22		
1/4	680.03	1/4	495.66	1/4	311.31	1/4	127.39		
3/8	676.19	3/8	491.82	3/8	307.47	3/8	123.55		
1/2	672.35	1/2	487.98	1/2	303.64	1/2	119.72		
5/8	668.51	5/8	484.14	5/8	299.80	5/8	115.88		
3/4	664.67	3/4	480.30	3/4	295.96	3/4	112.05		
7/8	660.83	7/8	476.46	7/8	292.13	7/8	108.33		
5	656.99	11	472.62	5	288.30	11	104.61		
1/8	653.14	1/8	468.78	1/8	284.47	1/8	100.89		
1/4	649.30	1/4	464.94	1/4	280.64	1/4	97.17		
3/8	645.46	3/8	461.09	3/8	276.81	3/8	93.45		
1/2	641.62	1/2	457.25	1/2	272.98	1/2	89.73		
5/8	637.78	5/8	453.41	5/8	269.15	5/8	86.01		
3/4	633.94	3/4	449.57	3/4	265.32	3/4	82.29		
7/8	630.10	7/8	445.73	7/8	261.48	7/8	79.01		

GAUGE LOCATED 29'-3 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6		0		6		0		6		0		6		0		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	
1		7		1		7		1		7		1		7		1		7	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,930.48
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,928.91
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,927.34
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,925.49
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,923.64
2		8		2		8		2		8		2		8		2		8	11,921.79
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,919.94
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,918.08
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,916.23
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,914.38
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,912.53
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,910.39
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,908.26
3		9		3		9		3		9		3		9		3		9	11,906.13
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,903.99
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,901.86
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,899.72
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,897.59
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,895.45
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,893.03
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,890.61
4		10		4		10		4		10		4		10		4		10	11,888.20
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,885.78
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,883.36
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,880.94
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,878.52
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,876.11
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,873.40
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,870.70
5		11		5		11		5		11		5		11		5		11	11,868.00
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,865.30
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,862.60
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,859.90
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,857.19
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,854.49
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,851.51
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,848.52

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

D. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	11,845.54	6	11,672.68	0	11,487.98	6	11,303.29	0	11,118.59	6	10,933.90	0	10,749.21	6	10,564.51	0	10,379.82	6	10,195.12
1/8	11,842.55	1/8	11,668.83	1/8	11,484.14	1/8	11,299.44	1/8	11,114.75	1/8	10,930.05	1/8	10,745.36	1/8	10,560.66	1/8	10,375.97	1/8	10,191.27
1/4	11,839.57	1/4	11,664.98	1/4	11,480.29	1/4	11,295.59	1/4	11,110.90	1/4	10,926.20	1/4	10,741.51	1/4	10,556.82	1/4	10,372.12	1/4	10,187.43
3/8	11,836.58	3/8	11,661.13	3/8	11,476.44	3/8	11,291.75	3/8	11,107.05	3/8	10,922.36	3/8	10,737.66	3/8	10,552.97	3/8	10,368.27	3/8	10,183.58
1/2	11,833.59	1/2	11,657.29	1/2	11,472.59	1/2	11,287.90	1/2	11,103.20	1/2	10,918.51	1/2	10,733.81	1/2	10,549.12	1/2	10,364.43	1/2	10,179.73
5/8	11,830.61	5/8	11,653.44	5/8	11,468.74	5/8	11,284.05	5/8	11,099.36	5/8	10,914.66	5/8	10,729.97	5/8	10,545.27	5/8	10,360.58	5/8	10,175.88
3/4	11,827.34	3/4	11,649.59	3/4	11,464.90	3/4	11,280.20	3/4	11,095.51	3/4	10,910.81	3/4	10,726.12	3/4	10,541.42	3/4	10,356.73	3/4	10,172.04
7/8	11,824.07	7/8	11,645.74	7/8	11,461.05	7/8	11,276.35	7/8	11,091.66	7/8	10,906.97	7/8	10,722.27	7/8	10,537.58	7/8	10,352.88	7/8	10,168.19
1	11,820.80	7	11,641.89	1	11,457.20	7	11,272.51	1	11,087.81	7	10,903.12	1	10,718.42	7	10,533.73	1	10,349.03	7	10,164.34
1/8	11,817.54	1/8	11,638.05	1/8	11,453.35	1/8	11,268.66	1/8	11,083.96	1/8	10,899.27	1/8	10,714.58	1/8	10,529.88	1/8	10,345.19	1/8	10,160.49
1/4	11,814.27	1/4	11,634.20	1/4	11,449.50	1/4	11,264.81	1/4	11,080.12	1/4	10,895.42	1/4	10,710.73	1/4	10,526.03	1/4	10,341.34	1/4	10,156.64
3/8	11,811.00	3/8	11,630.35	3/8	11,445.66	3/8	11,260.96	3/8	11,076.27	3/8	10,891.57	3/8	10,706.88	3/8	10,522.19	3/8	10,337.49	3/8	10,152.80
1/2	11,807.73	1/2	11,626.50	1/2	11,441.81	1/2	11,257.11	1/2	11,072.42	1/2	10,887.73	1/2	10,703.03	1/2	10,518.34	1/2	10,333.64	1/2	10,148.95
5/8	11,804.46	5/8	11,622.66	5/8	11,437.96	5/8	11,253.27	5/8	11,068.57	5/8	10,883.88	5/8	10,699.18	5/8	10,514.49	5/8	10,329.80	5/8	10,145.10
3/4	11,800.91	3/4	11,618.81	3/4	11,434.11	3/4	11,249.42	3/4	11,064.72	3/4	10,880.03	3/4	10,695.34	3/4	10,510.64	3/4	10,325.95	3/4	10,141.25
7/8	11,797.36	7/8	11,614.96	7/8	11,430.27	7/8	11,245.57	7/8	11,060.88	7/8	10,876.18	7/8	10,691.49	7/8	10,506.79	7/8	10,322.10	7/8	10,137.41
2	11,793.81	8	11,611.11	2	11,426.42	8	11,241.72	2	11,057.03	8	10,872.33	2	10,687.64	8	10,502.95	2	10,318.25	8	10,133.56
1/8	11,790.26	1/8	11,607.26	1/8	11,422.57	1/8	11,237.88	1/8	11,053.18	1/8	10,868.49	1/8	10,683.79	1/8	10,499.10	1/8	10,314.40	1/8	10,129.71
1/4	11,786.71	1/4	11,603.42	1/4	11,418.72	1/4	11,234.03	1/4	11,049.33	1/4	10,864.64	1/4	10,679.94	1/4	10,495.25	1/4	10,310.56	1/4	10,125.86
3/8	11,783.16	3/8	11,599.57	3/8	11,414.87	3/8	11,230.18	3/8	11,045.49	3/8	10,860.79	3/8	10,676.10	3/8	10,491.40	3/8	10,306.71	3/8	10,122.01
1/2	11,779.60	1/2	11,595.72	1/2	11,411.03	1/2	11,226.33	1/2	11,041.64	1/2	10,856.94	1/2	10,672.25	1/2	10,487.55	1/2	10,302.86	1/2	10,118.17
5/8	11,776.05	5/8	11,591.87	5/8	11,407.18	5/8	11,222.48	5/8	11,037.79	5/8	10,853.10	5/8	10,668.40	5/8	10,483.71	5/8	10,299.01	5/8	10,114.32
3/4	11,772.27	3/4	11,588.03	3/4	11,403.33	3/4	11,218.64	3/4	11,033.94	3/4	10,849.25	3/4	10,664.55	3/4	10,479.86	3/4	10,295.16	3/4	10,110.47
7/8	11,768.49	7/8	11,584.18	7/8	11,399.48	7/8	11,214.79	7/8	11,030.09	7/8	10,845.40	7/8	10,660.71	7/8	10,476.01	7/8	10,291.32	7/8	10,106.62
3	11,764.70	9	11,580.33	3	11,395.64	9	11,210.94	3	11,026.25	9	10,841.55	3	10,656.86	9	10,472.16	3	10,287.47	9	10,102.77
1/8	11,760.92	1/8	11,576.48	1/8	11,391.79	1/8	11,207.09	1/8	11,022.40	1/8	10,837.70	1/8	10,653.01	1/8	10,468.32	1/8	10,283.62	1/8	10,098.93
1/4	11,757.14	1/4	11,572.63	1/4	11,387.94	1/4	11,203.25	1/4	11,018.55	1/4	10,833.86	1/4	10,649.16	1/4	10,464.47	1/4	10,279.77	1/4	10,095.08
3/8	11,753.35	3/8	11,568.79	3/8	11,384.09	3/8	11,199.40	3/8	11,014.70	3/8	10,830.01	3/8	10,645.31	3/8	10,460.62	3/8	10,275.93	3/8	10,091.23
1/2	11,749.57	1/2	11,564.94	1/2	11,380.24	1/2	11,195.55	1/2	11,010.86	1/2	10,826.16	1/2	10,641.47	1/2	10,456.77	1/2	10,272.08	1/2	10,087.38
5/8	11,745.79	5/8	11,561.09	5/8	11,376.40	5/8	11,191.70	5/8	11,007.01	5/8	10,822.31	5/8	10,637.62	5/8	10,452.92	5/8	10,268.23	5/8	10,083.54
3/4	11,741.94	3/4	11,557.24	3/4	11,372.55	3/4	11,187.85	3/4	11,003.16	3/4	10,818.47	3/4	10,633.77	3/4	10,449.08	3/4	10,264.38	3/4	10,079.69
7/8	11,738.09	7/8	11,553.40	7/8	11,368.70	7/8	11,184.01	7/8	10,999.31	7/8	10,814.62	7/8	10,629.92	7/8	10,445.23	7/8	10,260.53	7/8	10,075.84
4	11,734.24	10	11,549.55	4	11,364.85	10	11,180.16	4	10,995.46	10	10,810.77	4	10,626.08	10	10,441.38	4	10,256.69	10	10,071.99
1/8	11,730.39	1/8	11,545.70	1/8	11,361.01	1/8	11,176.31	1/8	10,991.62	1/8	10,806.92	1/8	10,622.23	1/8	10,437.53	1/8	10,252.84	1/8	10,068.14
1/4	11,726.55	1/4	11,541.85	1/4	11,357.16	1/4	11,172.46	1/4	10,987.77	1/4	10,803.07	1/4	10,618.38	1/4	10,433.69	1/4	10,248.99	1/4	10,064.30
3/8	11,722.70	3/8	11,538.00	3/8	11,353.31	3/8	11,168.62	3/8	10,983.92	3/8	10,799.23	3/8	10,614.53	3/8	10,429.84	3/8	10,245.14	3/8	10,060.45
1/2	11,718.85	1/2	11,534.16	1/2	11,349.46	1/2	11,164.77	1/2	10,980.07	1/2	10,795.38	1/2	10,610.68	1/2	10,425.99	1/2	10,241.30	1/2	10,056.60
5/8	11,715.00	5/8	11,530.31	5/8	11,345.61	5/8	11,160.92	5/8	10,976.23	5/8	10,791.53	5/8	10,606.84	5/8	10,422.14	5/8	10,237.45	5/8	10,052.75
3/4	11,711.16	3/4	11,526.46	3/4	11,341.77	3/4	11,157.07	3/4	10,972.38	3/4	10,787.68	3/4	10,602.99	3/4	10,418.29	3/4	10,233.60	3/4	10,048.91
7/8	11,707.31	7/8	11,522.61	7/8	11,337.92	7/8	11,153.22	7/8	10,968.53	7/8	10,783.84	7/8	10,599.14	7/8	10,414.45	7/8	10,229.75	7/8	10,045.06
5	11,703.46	11	11,518.77	5	11,334.07	11	11,149.38	5	10,964.68	11	10,779.99	5	10,595.29	11	10,410.60	5	10,225.90	11	10,041.21
1/8	11,699.61	1/8	11,514.92	1/8	11,330.22	1/8	11,145.53	1/8	10,960.83	1/8	10,776.14	1/8	10,591.45	1/8	10,406.75	1/8	10,222.06	1/8	10,037.36
1/4	11,695.76	1/4	11,511.07	1/4	11,326.38	1/4	11,141.68	1/4	10,956.99	1/4	10,772.29	1/4	10,587.60	1/4	10,402.90	1/4	10,218.21	1/4	10,033.51
3/8	11,691.92	3/8	11,507.22	3/8	11,322.53	3/8	11,137.83	3/8	10,953.14	3/8	10,768.44	3/8	10,583.75	3/8	10,399.06	3/8	10,214.36	3/8	10,029.67
1/2	11,688.07	1/2	11,503.37	1/2	11,318.68	1/2	11,133.99	1/2	10,949.29	1/2	10,764.60	1/2	10,579.90	1/2	10,395.21	1/2	10,210.51	1/2	10,025.82
5/8	11,684.22	5/8	11,499.53	5/8	11,314.83	5/8	11,130.14	5/8	10,945.44	5/8	10,760.75	5/8	10,576.05	5/8	10,391.36	5/8	10,206.67	5/8	10,021.97
3/4	11,680.37	3/4	11,495.68	3/4	11,310.98	3/4	11,126.29	3/4	10,941.60	3/4	10,756.90	3/4	10,572.21	3/4	10,387.51	3/4	10,202.82	3/4	10,018.12
7/8	11,676.53	7/8	11,491.83	7/8	11,307.14	7/8	11,122.44	7/8	10,937.75	7/8	10,753.05	7/8	10,568.36	7/8	10,383.66	7/8	10,198.97	7/8	10,014.28

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	10,010.43	6	9,825.73	0	9,641.04	6	9,456.34	0	9,271.65	6	9,086.96	0	8,902.26	6	8,717.57	0	8,532.87	6	8,348.18
1/8	10,006.58	1/8	9,821.89	1/8	9,637.19	1/8	9,452.50	1/8	9,267.80	1/8	9,083.11	1/8	8,898.41	1/8	8,713.72	1/8	8,529.02	1/8	8,344.33
1/4	10,002.73	1/4	9,818.04	1/4	9,633.34	1/4	9,448.65	1/4	9,263.95	1/4	9,079.26	1/4	8,894.57	1/4	8,709.87	1/4	8,525.18	1/4	8,340.48
3/8	9,998.88	3/8	9,814.19	3/8	9,629.50	3/8	9,444.80	3/8	9,260.11	3/8	9,075.41	3/8	8,890.72	3/8	8,706.02	3/8	8,521.33	3/8	8,336.63
1/2	9,995.04	1/2	9,810.34	1/2	9,625.65	1/2	9,440.95	1/2	9,256.26	1/2	9,071.56	1/2	8,886.87	1/2	8,702.18	1/2	8,517.48	1/2	8,332.79
5/8	9,991.19	5/8	9,806.49	5/8	9,621.80	5/8	9,437.11	5/8	9,252.41	5/8	9,067.72	5/8	8,883.02	5/8	8,698.33	5/8	8,513.63	5/8	8,328.94
3/4	9,987.34	3/4	9,802.65	3/4	9,617.95	3/4	9,433.26	3/4	9,248.56	3/4	9,063.87	3/4	8,879.17	3/4	8,694.48	3/4	8,509.79	3/4	8,325.09
7/8	9,983.49	7/8	9,798.80	7/8	9,614.10	7/8	9,429.41	7/8	9,244.72	7/8	9,060.02	7/8	8,875.33	7/8	8,690.63	7/8	8,505.94	7/8	8,321.24
1	9,979.65	7	9,794.95	1	9,610.26	7	9,425.56	1	9,240.87	7	9,056.17	1	8,871.48	7	8,686.78	1	8,502.09	7	8,317.40
1/8	9,975.80	1/8	9,791.10	1/8	9,606.41	1/8	9,421.71	1/8	9,237.02	1/8	9,052.33	1/8	8,867.63	1/8	8,682.94	1/8	8,498.24	1/8	8,313.55
1/4	9,971.95	1/4	9,787.26	1/4	9,602.56	1/4	9,417.87	1/4	9,233.17	1/4	9,048.48	1/4	8,863.78	1/4	8,679.09	1/4	8,494.39	1/4	8,309.70
3/8	9,968.10	3/8	9,783.41	3/8	9,598.71	3/8	9,414.02	3/8	9,229.32	3/8	9,044.63	3/8	8,859.94	3/8	8,675.24	3/8	8,490.55	3/8	8,305.85
1/2	9,964.25	1/2	9,779.56	1/2	9,594.87	1/2	9,410.17	1/2	9,225.48	1/2	9,040.78	1/2	8,856.09	1/2	8,671.39	1/2	8,486.70	1/2	8,302.00
5/8	9,960.41	5/8	9,775.71	5/8	9,591.02	5/8	9,406.32	5/8	9,221.63	5/8	9,036.93	5/8	8,852.24	5/8	8,667.55	5/8	8,482.85	5/8	8,298.16
3/4	9,956.56	3/4	9,771.86	3/4	9,587.17	3/4	9,402.48	3/4	9,217.78	3/4	9,033.09	3/4	8,848.39	3/4	8,663.70	3/4	8,479.00	3/4	8,294.31
7/8	9,952.71	7/8	9,768.02	7/8	9,583.32	7/8	9,398.63	7/8	9,213.93	7/8	9,029.24	7/8	8,844.54	7/8	8,659.85	7/8	8,475.16	7/8	8,290.46
2	9,948.86	8	9,764.17	2	9,579.47	8	9,394.78	2	9,210.09	8	9,025.39	2	8,840.70	8	8,656.00	2	8,471.31	8	8,286.61
1/8	9,945.02	1/8	9,760.32	1/8	9,575.63	1/8	9,390.93	1/8	9,206.24	1/8	9,021.54	1/8	8,836.85	1/8	8,652.15	1/8	8,467.46	1/8	8,282.77
1/4	9,941.17	1/4	9,756.47	1/4	9,571.78	1/4	9,387.08	1/4	9,202.39	1/4	9,017.70	1/4	8,833.00	1/4	8,648.31	1/4	8,463.61	1/4	8,278.92
3/8	9,937.32	3/8	9,752.63	3/8	9,567.93	3/8	9,383.24	3/8	9,198.54	3/8	9,013.85	3/8	8,829.15	3/8	8,644.46	3/8	8,459.76	3/8	8,275.07
1/2	9,933.47	1/2	9,748.78	1/2	9,564.08	1/2	9,379.39	1/2	9,194.69	1/2	9,010.00	1/2	8,825.31	1/2	8,640.61	1/2	8,455.92	1/2	8,271.22
5/8	9,929.62	5/8	9,744.93	5/8	9,560.24	5/8	9,375.54	5/8	9,190.85	5/8	9,006.15	5/8	8,821.46	5/8	8,636.76	5/8	8,452.07	5/8	8,267.37
3/4	9,925.78	3/4	9,741.08	3/4	9,556.39	3/4	9,371.69	3/4	9,187.00	3/4	9,002.30	3/4	8,817.61	3/4	8,632.92	3/4	8,448.22	3/4	8,263.53
7/8	9,921.93	7/8	9,737.23	7/8	9,552.54	7/8	9,367.85	7/8	9,183.15	7/8	9,008.46	7/8	8,813.76	7/8	8,629.07	7/8	8,444.37	7/8	8,259.68
3	9,918.08	9	9,733.39	3	9,548.69	9	9,364.00	3	9,179.30	9	8,994.61	3	8,809.91	9	8,625.22	3	8,440.53	9	8,255.83
1/8	9,914.23	1/8	9,729.54	1/8	9,544.84	1/8	9,360.15	1/8	9,175.46	1/8	8,990.76	1/8	8,806.07	1/8	8,621.37	1/8	8,436.68	1/8	8,251.98
1/4	9,910.38	1/4	9,725.69	1/4	9,541.00	1/4	9,356.30	1/4	9,171.61	1/4	8,986.91	1/4	8,802.22	1/4	8,617.52	1/4	8,432.83	1/4	8,248.14
3/8	9,906.54	3/8	9,721.84	3/8	9,537.15	3/8	9,352.45	3/8	9,167.76	3/8	8,983.07	3/8	8,798.37	3/8	8,613.68	3/8	8,428.98	3/8	8,244.29
1/2	9,902.69	1/2	9,717.99	1/2	9,533.30	1/2	9,348.61	1/2	9,163.91	1/2	8,979.22	1/2	8,794.52	1/2	8,609.83	1/2	8,425.13	1/2	8,240.44
5/8	9,898.84	5/8	9,714.15	5/8	9,529.45	5/8	9,344.76	5/8	9,160.06	5/8	8,975.37	5/8	8,790.68	5/8	8,605.98	5/8	8,421.29	5/8	8,236.59
3/4	9,894.99	3/4	9,710.30	3/4	9,525.60	3/4	9,340.91	3/4	9,156.22	3/4	8,971.52	3/4	8,786.83	3/4	8,602.13	3/4	8,417.44	3/4	8,232.74
7/8	9,891.15	7/8	9,706.45	7/8	9,521.76	7/8	9,337.06	7/8	9,152.37	7/8	8,967.67	7/8	8,782.98	7/8	8,598.29	7/8	8,413.59	7/8	8,228.90
4	9,887.30	10	9,702.60	4	9,517.91	10	9,333.21	4	9,148.52	10	8,963.83	4	8,779.13	10	8,594.44	4	8,409.74	10	8,225.05
1/8	9,883.45	1/8	9,698.76	1/8	9,514.06	1/8	9,329.37	1/8	9,144.67	1/8	8,959.98	1/8	8,775.28	1/8	8,590.59	1/8	8,405.90	1/8	8,221.20
1/4	9,879.60	1/4	9,694.91	1/4	9,510.21	1/4	9,325.52	1/4	9,140.82	1/4	8,956.13	1/4	8,771.44	1/4	8,586.74	1/4	8,402.05	1/4	8,217.35
3/8	9,875.75	3/8	9,691.06	3/8	9,506.37	3/8	9,321.67	3/8	9,136.98	3/8	8,952.28	3/8	8,767.59	3/8	8,582.89	3/8	8,398.20	3/8	8,213.51
1/2	9,871.91	1/2	9,687.21	1/2	9,502.52	1/2	9,317.82	1/2	9,133.13	1/2	8,948.43	1/2	8,763.74	1/2	8,579.05	1/2	8,394.35	1/2	8,209.66
5/8	9,868.06	5/8	9,683.36	5/8	9,498.67	5/8	9,313.98	5/8	9,129.28	5/8	8,944.59	5/8	8,759.89	5/8	8,575.20	5/8	8,390.50	5/8	8,205.81
3/4	9,864.21	3/4	9,679.52	3/4	9,494.82	3/4	9,310.13	3/4	9,125.43	3/4	8,940.74	3/4	8,756.04	3/4	8,571.35	3/4	8,386.66	3/4	8,201.96
7/8	9,860.36	7/8	9,675.67	7/8	9,490.97	7/8	9,306.28	7/8	9,121.59	7/8	8,936.89	7/8	8,752.20	7/8	8,567.50	7/8	8,382.81	7/8	8,198.11
5	9,856.52	11	9,671.82	5	9,487.13	11	9,302.43	5	9,117.74	11	8,933.04	5	8,748.35	11	8,563.65	5	8,378.96	11	8,194.27
1/8	9,852.67	1/8	9,667.97	1/8	9,483.28	1/8	9,298.58	1/8	9,113.89	1/8	8,929.20	1/8	8,744.50	1/8	8,559.81	1/8	8,375.11	1/8	8,190.42
1/4	9,848.82	1/4	9,664.13	1/4	9,479.43	1/4	9,294.74	1/4	9,110.04	1/4	8,925.35	1/4	8,740.65	1/4	8,555.96	1/4	8,371.26	1/4	8,186.57
3/8	9,844.97	3/8	9,660.28	3/8	9,475.58	3/8	9,290.89	3/8	9,106.19	3/8	8,921.50	3/8	8,736.81	3/8	8,552.11	3/8	8,367.42	3/8	8,182.72
1/2	9,841.12	1/2	9,656.43	1/2	9,471.74	1/2	9,287.04	1/2	9,102.35	1/2	8,917.65	1/2	8,732.96	1/2	8,548.26	1/2	8,363.57	1/2	8,178.87
5/8	9,837.28	5/8	9,652.58	5/8	9,467.89	5/8	9,283.19	5/8	9,098.50	5/8	8,913.80	5/8	8,729.11	5/8	8,544.42	5/8	8,359.72	5/8	8,175.03
3/4	9,833.43	3/4	9,648.73	3/4	9,464.04	3/4	9,279.35	3/4	9,094.65	3/4	8,909.96	3/4	8,725.26	3/4	8,540.57	3/4	8,355.87	3/4	8,171.18
7/8	9,829.58	7/8	9,644.89	7/8	9,460.19	7/8	9,275.50	7/8	9,090.80	7/8	8,906.11	7/8	8,721.41	7/8	8,536.72	7/8	8,352.03	7/8	8,167.33

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	8,163.48	6	7,978.79	0	7,794.09	6	7,609.40	0	7,424.71	6	7,240.01	0	7,055.32	6	6,870.62	0	6,685.93	6	6,501.23
1/8	8,159.64	1/8	7,974.94	1/8	7,790.25	1/8	7,605.55	1/8	7,420.86	1/8	7,236.16	1/8	7,051.47	1/8	6,866.78	1/8	6,682.08	1/8	6,497.39
1/4	8,155.79	1/4	7,971.09	1/4	7,786.40	1/4	7,601.70	1/4	7,417.01	1/4	7,232.32	1/4	7,047.62	1/4	6,862.93	1/4	6,678.23	1/4	6,493.54
3/8	8,151.94	3/8	7,967.25	3/8	7,782.55	3/8	7,597.86	3/8	7,413.16	3/8	7,228.47	3/8	7,043.77	3/8	6,859.08	3/8	6,674.39	3/8	6,489.69
1/2	8,148.09	1/2	7,963.40	1/2	7,778.70	1/2	7,594.01	1/2	7,409.31	1/2	7,224.62	1/2	7,039.93	1/2	6,855.23	1/2	6,670.54	1/2	6,485.84
5/8	8,144.24	5/8	7,959.55	5/8	7,774.86	5/8	7,590.16	5/8	7,405.47	5/8	7,220.77	5/8	7,036.08	5/8	6,851.38	5/8	6,666.69	5/8	6,482.00
3/4	8,140.40	3/4	7,955.70	3/4	7,771.01	3/4	7,586.31	3/4	7,401.62	3/4	7,216.92	3/4	7,032.23	3/4	6,847.54	3/4	6,662.84	3/4	6,478.15
7/8	8,136.55	7/8	7,951.85	7/8	7,767.16	7/8	7,582.47	7/8	7,397.77	7/8	7,213.08	7/8	7,028.38	7/8	6,843.69	7/8	6,658.99	7/8	6,474.30
1	8,132.70	7	7,948.01	1	7,763.31	7	7,578.62	1	7,393.92	7	7,209.23	1	7,024.53	7	6,839.84	1	6,655.15	7	6,470.45
1/8	8,128.85	1/8	7,944.16	1/8	7,759.46	1/8	7,574.77	1/8	7,390.08	1/8	7,205.38	1/8	7,020.69	1/8	6,835.99	1/8	6,651.30	1/8	6,466.60
1/4	8,125.01	1/4	7,940.31	1/4	7,755.62	1/4	7,570.92	1/4	7,386.23	1/4	7,201.53	1/4	7,016.84	1/4	6,832.14	1/4	6,647.45	1/4	6,462.76
3/8	8,121.16	3/8	7,936.46	3/8	7,751.77	3/8	7,567.07	3/8	7,382.38	3/8	7,197.69	3/8	7,012.99	3/8	6,828.30	3/8	6,643.60	3/8	6,458.91
1/2	8,117.31	1/2	7,932.62	1/2	7,747.92	1/2	7,563.23	1/2	7,378.53	1/2	7,193.84	1/2	7,009.14	1/2	6,824.45	1/2	6,639.75	1/2	6,455.06
5/8	8,113.46	5/8	7,928.77	5/8	7,744.07	5/8	7,559.38	5/8	7,374.68	5/8	7,189.99	5/8	7,005.30	5/8	6,820.60	5/8	6,635.91	5/8	6,451.21
3/4	8,109.61	3/4	7,924.92	3/4	7,740.23	3/4	7,555.53	3/4	7,370.84	3/4	7,186.14	3/4	7,001.45	3/4	6,816.75	3/4	6,632.06	3/4	6,447.36
7/8	8,105.77	7/8	7,921.07	7/8	7,736.38	7/8	7,551.68	7/8	7,366.99	7/8	7,182.29	7/8	6,997.60	7/8	6,812.91	7/8	6,628.21	7/8	6,443.52
2	8,101.92	8	7,917.22	2	7,732.53	8	7,547.84	2	7,363.14	8	7,178.45	2	6,993.75	8	6,809.06	2	6,624.36	8	6,439.67
1/8	8,098.07	1/8	7,913.38	1/8	7,728.68	1/8	7,543.99	1/8	7,359.29	1/8	7,174.60	1/8	6,989.90	1/8	6,805.21	1/8	6,620.52	1/8	6,435.82
1/4	8,094.22	1/4	7,909.53	1/4	7,724.83	1/4	7,540.14	1/4	7,355.45	1/4	7,170.75	1/4	6,986.06	1/4	6,801.36	1/4	6,616.67	1/4	6,431.97
3/8	8,090.38	3/8	7,905.68	3/8	7,720.99	3/8	7,536.29	3/8	7,351.60	3/8	7,166.90	3/8	6,982.21	3/8	6,797.51	3/8	6,612.82	3/8	6,428.13
1/2	8,086.53	1/2	7,901.83	1/2	7,717.14	1/2	7,532.44	1/2	7,347.75	1/2	7,163.06	1/2	6,978.36	1/2	6,793.67	1/2	6,608.97	1/2	6,424.28
5/8	8,082.68	5/8	7,897.99	5/8	7,713.29	5/8	7,528.60	5/8	7,343.90	5/8	7,159.21	5/8	6,974.51	5/8	6,789.82	5/8	6,605.12	5/8	6,420.43
3/4	8,078.83	3/4	7,894.14	3/4	7,709.44	3/4	7,524.75	3/4	7,340.05	3/4	7,155.36	3/4	6,970.67	3/4	6,785.97	3/4	6,601.28	3/4	6,416.58
7/8	8,074.98	7/8	7,890.29	7/8	7,705.60	7/8	7,520.90	7/8	7,336.21	7/8	7,151.51	7/8	6,966.82	7/8	6,782.12	7/8	6,597.43	7/8	6,412.73
3	8,071.14	9	7,886.44	3	7,701.75	9	7,517.05	3	7,332.36	9	7,147.66	3	6,962.97	9	6,778.28	3	6,593.58	9	6,408.89
1/8	8,067.29	1/8	7,882.59	1/8	7,697.90	1/8	7,513.21	1/8	7,328.51	1/8	7,143.82	1/8	6,959.12	1/8	6,774.43	1/8	6,589.73	1/8	6,405.04
1/4	8,063.44	1/4	7,878.75	1/4	7,694.05	1/4	7,509.36	1/4	7,324.66	1/4	7,139.97	1/4	6,955.27	1/4	6,770.58	1/4	6,585.89	1/4	6,401.19
3/8	8,059.59	3/8	7,874.90	3/8	7,690.20	3/8	7,505.51	3/8	7,320.82	3/8	7,136.12	3/8	6,951.43	3/8	6,766.73	3/8	6,582.04	3/8	6,397.34
1/2	8,055.75	1/2	7,871.05	1/2	7,686.36	1/2	7,501.66	1/2	7,316.97	1/2	7,132.27	1/2	6,947.58	1/2	6,762.88	1/2	6,578.19	1/2	6,393.50
5/8	8,051.90	5/8	7,867.20	5/8	7,682.51	5/8	7,497.81	5/8	7,313.12	5/8	7,128.43	5/8	6,943.73	5/8	6,759.04	5/8	6,574.34	5/8	6,389.65
3/4	8,048.05	3/4	7,863.36	3/4	7,678.66	3/4	7,493.97	3/4	7,309.27	3/4	7,124.58	3/4	6,939.88	3/4	6,755.19	3/4	6,570.49	3/4	6,385.80
7/8	8,044.20	7/8	7,859.51	7/8	7,674.81	7/8	7,490.12	7/8	7,305.42	7/8	7,120.73	7/8	6,936.04	7/8	6,751.34	7/8	6,566.65	7/8	6,381.95
4	8,040.35	10	7,855.66	4	7,670.97	10	7,486.27	4	7,301.58	10	7,116.88	4	6,932.19	10	6,747.49	4	6,562.80	10	6,378.10
1/8	8,036.51	1/8	7,851.81	1/8	7,667.12	1/8	7,482.42	1/8	7,297.73	1/8	7,113.03	1/8	6,928.34	1/8	6,743.65	1/8	6,558.95	1/8	6,374.26
1/4	8,032.66	1/4	7,847.96	1/4	7,663.27	1/4	7,478.58	1/4	7,293.88	1/4	7,109.19	1/4	6,924.49	1/4	6,739.80	1/4	6,555.10	1/4	6,370.41
3/8	8,028.81	3/8	7,844.12	3/8	7,659.42	3/8	7,474.73	3/8	7,290.03	3/8	7,105.34	3/8	6,920.64	3/8	6,735.95	3/8	6,551.26	3/8	6,366.56
1/2	8,024.96	1/2	7,840.27	1/2	7,655.57	1/2	7,470.88	1/2	7,286.19	1/2	7,101.49	1/2	6,916.80	1/2	6,732.10	1/2	6,547.41	1/2	6,362.71
5/8	8,021.12	5/8	7,836.42	5/8	7,651.73	5/8	7,467.03	5/8	7,282.34	5/8	7,097.64	5/8	6,912.95	5/8	6,728.25	5/8	6,543.56	5/8	6,358.87
3/4	8,017.27	3/4	7,832.57	3/4	7,647.88	3/4	7,463.18	3/4	7,278.49	3/4	7,093.80	3/4	6,909.10	3/4	6,724.41	3/4	6,539.71	3/4	6,355.02
7/8	8,013.42	7/8	7,828.73	7/8	7,644.03	7/8	7,459.34	7/8	7,274.64	7/8	7,089.95	7/8	6,905.25	7/8	6,720.56	7/8	6,535.86	7/8	6,351.17
5	8,009.57	11	7,824.88	5	7,640.18	11	7,455.49	5	7,270.79	11	7,086.10	5	6,901.41	11	6,716.71	5	6,532.02	11	6,347.32
1/8	8,005.72	1/8	7,821.03	1/8	7,636.34	1/8	7,451.64	1/8	7,266.95	1/8	7,082.25	1/8	6,897.56	1/8	6,712.86	1/8	6,528.17	1/8	6,343.47
1/4	8,001.88	1/4	7,817.18	1/4	7,632.49	1/4	7,447.79	1/4	7,263.10	1/4	7,078.40	1/4	6,893.71	1/4	6,709.02	1/4	6,524.32	1/4	6,339.63
3/8	7,998.03	3/8	7,813.33	3/8	7,628.64	3/8	7,443.95	3/8	7,259.25	3/8	7,074.56	3/8	6,889.86	3/8	6,705.17	3/8	6,520.47	3/8	6,335.78
1/2	7,994.18	1/2	7,809.49	1/2	7,624.79	1/2	7,440.10	1/2	7,255.40	1/2	7,070.71	1/2	6,886.01	1/2	6,701.32	1/2	6,516.63	1/2	6,331.93
5/8	7,990.33	5/8	7,805.64	5/8	7,620.94	5/8	7,436.25	5/8	7,251.56	5/8	7,066.86	5/8	6,882.17	5/8	6,697.47	5/8	6,512.78	5/8	6,328.08
3/4	7,986.48	3/4	7,801.79	3/4	7,617.10	3/4	7,432.40	3/4	7,247.71	3/4	7,063.01	3/4	6,878.32	3/4	6,693.62	3/4	6,508.93	3/4	6,324.24
7/8	7,982.64	7/8	7,797.94	7/8	7,613.25	7/8	7,428.55	7/8	7,243.86	7/8	7,059.17	7/8	6,874.47	7/8	6,689.78	7/8	6,505.08	7/8	6,320.39

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	6,316.54	6	6,131.85	0	5,947.15	6	5,762.46	0	5,577.76	6	5,393.07	0	5,208.37	6	5,023.68	0	4,838.98	6	4,654.29
1/8	6,312.69	1/8	6,128.00	1/8	5,943.30	1/8	5,758.61	1/8	5,573.91	1/8	5,389.22	1/8	5,204.53	1/8	5,019.83	1/8	4,835.14	1/8	4,650.44
1/4	6,308.84	1/4	6,124.15	1/4	5,939.46	1/4	5,754.76	1/4	5,570.07	1/4	5,385.37	1/4	5,200.68	1/4	5,015.98	1/4	4,831.29	1/4	4,646.59
3/8	6,305.00	3/8	6,120.30	3/8	5,935.61	3/8	5,750.91	3/8	5,566.22	3/8	5,381.52	3/8	5,196.83	3/8	5,012.14	3/8	4,827.44	3/8	4,642.75
1/2	6,301.15	1/2	6,116.45	1/2	5,931.76	1/2	5,747.07	1/2	5,562.37	1/2	5,377.68	1/2	5,192.98	1/2	5,008.29	1/2	4,823.59	1/2	4,638.90
5/8	6,297.30	5/8	6,112.61	5/8	5,927.91	5/8	5,743.22	5/8	5,558.52	5/8	5,373.83	5/8	5,189.13	5/8	5,004.44	5/8	4,819.75	5/8	4,635.05
3/4	6,293.45	3/4	6,108.76	3/4	5,924.06	3/4	5,739.37	3/4	5,554.68	3/4	5,369.98	3/4	5,185.29	3/4	5,000.59	3/4	4,815.90	3/4	4,631.20
7/8	6,289.61	7/8	6,104.91	7/8	5,920.22	7/8	5,735.52	7/8	5,550.83	7/8	5,366.13	7/8	5,181.44	7/8	4,996.74	7/8	4,812.05	7/8	4,627.36
1	6,285.76	7	6,101.06	1	5,916.37	7	5,731.67	1	5,546.98	7	5,362.29	1	5,177.59	7	4,992.90	1	4,808.20	7	4,623.51
1/8	6,281.91	1/8	6,097.22	1/8	5,912.52	1/8	5,727.83	1/8	5,543.13	1/8	5,358.44	1/8	5,173.74	1/8	4,989.05	1/8	4,804.35	1/8	4,619.66
1/4	6,278.06	1/4	6,093.37	1/4	5,908.67	1/4	5,723.98	1/4	5,539.28	1/4	5,354.59	1/4	5,169.90	1/4	4,985.20	1/4	4,800.51	1/4	4,615.81
3/8	6,274.21	3/8	6,089.52	3/8	5,904.83	3/8	5,720.13	3/8	5,535.44	3/8	5,350.74	3/8	5,166.05	3/8	4,981.35	3/8	4,796.66	3/8	4,611.96
1/2	6,270.37	1/2	6,085.67	1/2	5,900.98	1/2	5,716.28	1/2	5,531.59	1/2	5,346.89	1/2	5,162.20	1/2	4,977.51	1/2	4,792.81	1/2	4,608.12
5/8	6,266.52	5/8	6,081.82	5/8	5,897.13	5/8	5,712.44	5/8	5,527.74	5/8	5,343.05	5/8	5,158.35	5/8	4,973.66	5/8	4,788.96	5/8	4,604.27
3/4	6,262.67	3/4	6,077.98	3/4	5,893.28	3/4	5,708.59	3/4	5,523.89	3/4	5,339.20	3/4	5,154.50	3/4	4,969.81	3/4	4,785.12	3/4	4,600.42
7/8	6,258.82	7/8	6,074.13	7/8	5,889.43	7/8	5,704.74	7/8	5,520.05	7/8	5,335.35	7/8	5,150.66	7/8	4,965.96	7/8	4,781.27	7/8	4,596.57
2	6,254.97	8	6,070.28	2	5,885.59	8	5,700.89	2	5,516.20	8	5,331.50	2	5,146.81	8	4,962.11	2	4,777.42	8	4,592.73
1/8	6,251.13	1/8	6,066.43	1/8	5,881.74	1/8	5,697.04	1/8	5,512.35	1/8	5,327.66	1/8	5,142.96	1/8	4,958.27	1/8	4,773.57	1/8	4,588.88
1/4	6,247.28	1/4	6,062.58	1/4	5,877.89	1/4	5,693.20	1/4	5,508.50	1/4	5,323.81	1/4	5,139.11	1/4	4,954.42	1/4	4,769.72	1/4	4,585.03
3/8	6,243.43	3/8	6,058.74	3/8	5,874.04	3/8	5,689.35	3/8	5,504.65	3/8	5,319.96	3/8	5,135.27	3/8	4,950.57	3/8	4,765.88	3/8	4,581.18
1/2	6,239.58	1/2	6,054.89	1/2	5,870.19	1/2	5,685.50	1/2	5,500.81	1/2	5,316.11	1/2	5,131.42	1/2	4,946.72	1/2	4,762.03	1/2	4,577.33
5/8	6,235.74	5/8	6,051.04	5/8	5,866.35	5/8	5,681.65	5/8	5,496.96	5/8	5,312.26	5/8	5,127.57	5/8	4,942.88	5/8	4,758.18	5/8	4,573.49
3/4	6,231.89	3/4	6,047.19	3/4	5,862.50	3/4	5,677.80	3/4	5,493.11	3/4	5,308.42	3/4	5,123.72	3/4	4,939.03	3/4	4,754.33	3/4	4,569.64
7/8	6,228.04	7/8	6,043.35	7/8	5,858.65	7/8	5,673.96	7/8	5,489.26	7/8	5,304.57	7/8	5,119.87	7/8	4,935.18	7/8	4,750.49	7/8	4,565.79
3	6,224.19	9	6,039.50	3	5,854.80	9	5,670.11	3	5,485.41	9	5,300.72	3	5,116.03	9	4,931.33	3	4,746.64	9	4,561.94
1/8	6,220.34	1/8	6,035.65	1/8	5,850.96	1/8	5,666.26	1/8	5,481.57	1/8	5,296.87	1/8	5,112.18	1/8	4,927.48	1/8	4,742.79	1/8	4,558.10
1/4	6,216.50	1/4	6,031.80	1/4	5,847.11	1/4	5,662.41	1/4	5,477.72	1/4	5,293.02	1/4	5,108.33	1/4	4,923.64	1/4	4,738.94	1/4	4,554.25
3/8	6,212.65	3/8	6,027.95	3/8	5,843.26	3/8	5,658.57	3/8	5,473.87	3/8	5,289.18	3/8	5,104.48	3/8	4,919.79	3/8	4,735.09	3/8	4,550.40
1/2	6,208.80	1/2	6,024.11	1/2	5,839.41	1/2	5,654.72	1/2	5,470.02	1/2	5,285.33	1/2	5,100.63	1/2	4,915.94	1/2	4,731.25	1/2	4,546.55
5/8	6,204.95	5/8	6,020.26	5/8	5,835.56	5/8	5,650.87	5/8	5,466.18	5/8	5,281.48	5/8	5,096.79	5/8	4,912.09	5/8	4,727.40	5/8	4,542.70
3/4	6,201.11	3/4	6,016.41	3/4	5,831.72	3/4	5,647.02	3/4	5,462.33	3/4	5,277.63	3/4	5,092.94	3/4	4,908.24	3/4	4,723.55	3/4	4,538.86
7/8	6,197.26	7/8	6,012.56	7/8	5,827.87	7/8	5,643.17	7/8	5,458.48	7/8	5,273.79	7/8	5,089.09	7/8	4,904.40	7/8	4,719.70	7/8	4,535.01
4	6,193.41	10	6,008.72	4	5,824.02	10	5,639.33	4	5,454.63	10	5,269.94	4	5,085.24	10	4,900.55	4	4,715.85	10	4,531.16
1/8	6,189.56	1/8	6,004.87	1/8	5,820.17	1/8	5,635.48	1/8	5,450.78	1/8	5,266.09	1/8	5,081.40	1/8	4,896.70	1/8	4,712.01	1/8	4,527.31
1/4	6,185.71	1/4	6,001.02	1/4	5,816.33	1/4	5,631.63	1/4	5,446.94	1/4	5,262.24	1/4	5,077.55	1/4	4,892.85	1/4	4,708.16	1/4	4,523.46
3/8	6,181.87	3/8	5,997.17	3/8	5,812.48	3/8	5,627.78	3/8	5,443.09	3/8	5,258.39	3/8	5,073.70	3/8	4,889.01	3/8	4,704.31	3/8	4,519.62
1/2	6,178.02	1/2	5,993.32	1/2	5,808.63	1/2	5,623.94	1/2	5,439.24	1/2	5,254.55	1/2	5,069.85	1/2	4,885.16	1/2	4,700.46	1/2	4,515.77
5/8	6,174.17	5/8	5,989.48	5/8	5,804.78	5/8	5,620.09	5/8	5,435.39	5/8	5,250.70	5/8	5,066.00	5/8	4,881.31	5/8	4,696.62	5/8	4,511.92
3/4	6,170.32	3/4	5,985.63	3/4	5,800.93	3/4	5,616.24	3/4	5,431.55	3/4	5,246.85	3/4	5,062.16	3/4	4,877.46	3/4	4,692.77	3/4	4,508.07
7/8	6,166.48	7/8	5,981.78	7/8	5,797.09	7/8	5,612.39	7/8	5,427.70	7/8	5,243.00	7/8	5,058.31	7/8	4,873.61	7/8	4,688.92	7/8	4,504.23
5	6,162.63	11	5,977.93	5	5,793.24	11	5,608.54	5	5,423.85	11	5,239.16	5	5,054.46	11	4,869.77	5	4,685.07	11	4,500.38
1/8	6,158.78	1/8	5,974.09	1/8	5,789.39	1/8	5,604.70	1/8	5,420.00	1/8	5,235.31	1/8	5,050.61	1/8	4,865.92	1/8	4,681.22	1/8	4,496.53
1/4	6,154.93	1/4	5,970.24	1/4	5,785.54	1/4	5,600.85	1/4	5,416.15	1/4	5,231.46	1/4	5,046.77	1/4	4,862.07	1/4	4,677.38	1/4	4,492.68
3/8	6,151.08	3/8	5,966.39	3/8	5,781.70	3/8	5,597.00	3/8	5,412.31	3/8	5,227.61	3/8	5,042.92	3/8	4,858.22	3/8	4,673.53	3/8	4,488.83
1/2	6,147.24	1/2	5,962.54	1/2	5,777.85	1/2	5,593.15	1/2	5,408.46	1/2	5,223.76	1/2	5,039.07	1/2	4,854.38	1/2	4,669.68	1/2	4,484.99
5/8	6,143.39	5/8	5,958.69	5/8	5,774.00	5/8	5,589.31	5/8	5,404.61	5/8	5,219.92	5/8	5,035.22	5/8	4,850.53	5/8	4,665.83	5/8	4,481.14
3/4	6,139.54	3/4	5,954.85	3/4	5,770.15	3/4	5,585.46	3/4	5,400.76	3/4	5,216.07	3/4	5,031.37	3/4	4,846.68	3/4	4,661.99	3/4	4,477.29
7/8	6,135.69	7/8	5,951.00	7/8	5,766.30	7/8	5,581.61	7/8	5,396.92	7/8	5,212.22	7/8	5,027.53	7/8	4,842.83	7/8	4,658.14	7/8	4,473.44

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	4,469.60	6	4,284.90	0	4,100.21	6	3,915.51	0	3,730.82	6	3,546.12	0	3,363.17	6	3,182.53	0	3,001.59	6	2,817.34
1/8	4,465.75	1/8	4,281.05	1/8	4,096.36	1/8	3,911.66	1/8	3,726.97	1/8	3,542.28	1/8	3,359.41	1/8	3,178.76	1/8	2,997.77	1/8	2,813.50
1/4	4,461.90	1/4	4,277.21	1/4	4,092.51	1/4	3,907.82	1/4	3,723.12	1/4	3,538.43	1/4	3,355.64	1/4	3,175.00	1/4	2,993.94	1/4	2,809.66
3/8	4,458.05	3/8	4,273.36	3/8	4,088.66	3/8	3,903.97	3/8	3,719.27	3/8	3,534.58	3/8	3,351.88	3/8	3,171.24	3/8	2,990.11	3/8	2,805.82
1/2	4,454.20	1/2	4,269.51	1/2	4,084.82	1/2	3,900.12	1/2	3,715.43	1/2	3,530.73	1/2	3,348.12	1/2	3,167.47	1/2	2,986.29	1/2	2,801.98
5/8	4,450.36	5/8	4,265.66	5/8	4,080.97	5/8	3,896.27	5/8	3,711.58	5/8	3,526.88	5/8	3,344.35	5/8	3,163.71	5/8	2,982.46	5/8	2,798.14
3/4	4,446.51	3/4	4,261.81	3/4	4,077.12	3/4	3,892.43	3/4	3,707.73	3/4	3,523.04	3/4	3,340.59	3/4	3,159.95	3/4	2,978.62	3/4	2,794.30
7/8	4,442.66	7/8	4,257.97	7/8	4,073.27	7/8	3,888.58	7/8	3,703.88	7/8	3,519.19	7/8	3,336.83	7/8	3,156.18	7/8	2,974.78	7/8	2,790.46
1	4,438.81	7	4,254.12	1	4,069.42	7	3,884.73	1	3,700.04	7	3,515.34	1	3,333.06	7	3,152.42	1	2,970.94	7	2,786.62
1/8	4,434.97	1/8	4,250.27	1/8	4,065.58	1/8	3,880.88	1/8	3,696.19	1/8	3,511.49	1/8	3,329.30	1/8	3,148.66	1/8	2,967.10	1/8	2,782.78
1/4	4,431.12	1/4	4,246.42	1/4	4,061.73	1/4	3,877.03	1/4	3,692.34	1/4	3,507.65	1/4	3,325.54	1/4	3,144.89	1/4	2,963.26	1/4	2,778.94
3/8	4,427.27	3/8	4,242.58	3/8	4,057.88	3/8	3,873.19	3/8	3,688.49	3/8	3,503.80	3/8	3,321.77	3/8	3,141.13	3/8	2,959.42	3/8	2,775.10
1/2	4,423.42	1/2	4,238.73	1/2	4,054.03	1/2	3,869.34	1/2	3,684.64	1/2	3,499.95	1/2	3,318.01	1/2	3,137.37	1/2	2,955.58	1/2	2,771.26
5/8	4,419.57	5/8	4,234.88	5/8	4,050.19	5/8	3,865.49	5/8	3,680.80	5/8	3,496.10	5/8	3,314.25	5/8	3,133.60	5/8	2,951.74	5/8	2,767.42
3/4	4,415.73	3/4	4,231.03	3/4	4,046.34	3/4	3,861.64	3/4	3,676.95	3/4	3,492.25	3/4	3,310.48	3/4	3,129.84	3/4	2,947.90	3/4	2,763.58
7/8	4,411.88	7/8	4,227.18	7/8	4,042.49	7/8	3,857.80	7/8	3,673.10	7/8	3,488.41	7/8	3,306.72	7/8	3,126.08	7/8	2,944.06	7/8	2,759.73
2	4,408.03	8	4,223.34	2	4,038.64	8	3,853.95	2	3,669.25	8	3,484.56	2	3,302.96	8	3,122.31	2	2,940.22	8	2,755.89
1/8	4,404.18	1/8	4,219.49	1/8	4,034.79	1/8	3,850.10	1/8	3,665.41	1/8	3,480.71	1/8	3,299.19	1/8	3,118.55	1/8	2,936.38	1/8	2,752.05
1/4	4,400.34	1/4	4,215.64	1/4	4,030.95	1/4	3,846.25	1/4	3,661.56	1/4	3,476.86	1/4	3,295.43	1/4	3,114.79	1/4	2,932.54	1/4	2,748.21
3/8	4,396.49	3/8	4,211.79	3/8	4,027.10	3/8	3,842.40	3/8	3,657.71	3/8	3,473.02	3/8	3,291.67	3/8	3,111.02	3/8	2,928.70	3/8	2,744.37
1/2	4,392.64	1/2	4,207.95	1/2	4,023.25	1/2	3,838.56	1/2	3,653.86	1/2	3,469.17	1/2	3,287.90	1/2	3,107.26	1/2	2,924.86	1/2	2,740.53
5/8	4,388.79	5/8	4,204.10	5/8	4,019.40	5/8	3,834.71	5/8	3,650.01	5/8	3,465.32	5/8	3,284.14	5/8	3,103.50	5/8	2,921.02	5/8	2,736.69
3/4	4,384.94	3/4	4,200.25	3/4	4,015.66	3/4	3,830.86	3/4	3,646.17	3/4	3,461.50	3/4	3,280.38	3/4	3,099.74	3/4	2,917.18	3/4	2,732.85
7/8	4,381.10	7/8	4,196.40	7/8	4,011.71	7/8	3,827.01	7/8	3,642.32	7/8	3,457.68	7/8	3,276.61	7/8	3,095.97	7/8	2,913.34	7/8	2,729.01
3	4,377.25	9	4,192.55	3	4,007.86	9	3,823.17	3	3,638.47	9	3,453.87	3	3,272.85	9	3,092.21	3	2,909.50	9	2,725.17
1/8	4,373.40	1/8	4,188.71	1/8	4,004.01	1/8	3,819.32	1/8	3,634.62	1/8	3,450.05	1/8	3,269.09	1/8	3,088.45	1/8	2,905.66	1/8	2,721.33
1/4	4,369.55	1/4	4,184.86	1/4	4,000.16	1/4	3,815.47	1/4	3,630.78	1/4	3,446.23	1/4	3,265.32	1/4	3,084.69	1/4	2,901.82	1/4	2,717.49
3/8	4,365.71	3/8	4,181.01	3/8	3,996.32	3/8	3,811.62	3/8	3,626.93	3/8	3,442.41	3/8	3,261.56	3/8	3,080.93	3/8	2,897.98	3/8	2,713.65
1/2	4,361.86	1/2	4,177.16	1/2	3,992.47	1/2	3,807.77	1/2	3,623.08	1/2	3,438.59	1/2	3,257.80	1/2	3,077.17	1/2	2,894.14	1/2	2,709.81
5/8	4,358.01	5/8	4,173.32	5/8	3,988.62	5/8	3,803.93	5/8	3,619.23	5/8	3,434.78	5/8	3,254.03	5/8	3,073.41	5/8	2,890.30	5/8	2,705.97
3/4	4,354.16	3/4	4,169.47	3/4	3,984.77	3/4	3,800.08	3/4	3,615.38	3/4	3,431.00	3/4	3,250.27	3/4	3,069.65	3/4	2,886.46	3/4	2,702.13
7/8	4,350.31	7/8	4,165.62	7/8	3,980.93	7/8	3,796.23	7/8	3,611.54	7/8	3,427.22	7/8	3,246.51	7/8	3,065.90	7/8	2,882.62	7/8	2,698.29
4	4,346.47	10	4,161.77	4	3,977.08	10	3,792.38	4	3,607.69	10	3,423.45	4	3,242.74	10	3,062.14	4	2,878.78	10	2,694.45
1/8	4,342.62	1/8	4,157.92	1/8	3,973.23	1/8	3,788.54	1/8	3,603.84	1/8	3,419.67	1/8	3,238.98	1/8	3,058.38	1/8	2,874.94	1/8	2,690.61
1/4	4,338.77	1/4	4,154.08	1/4	3,969.38	1/4	3,784.69	1/4	3,599.99	1/4	3,415.90	1/4	3,235.21	1/4	3,054.63	1/4	2,871.10	1/4	2,686.77
3/8	4,334.92	3/8	4,150.23	3/8	3,965.53	3/8	3,780.84	3/8	3,596.15	3/8	3,412.12	3/8	3,231.45	3/8	3,050.87	3/8	2,867.26	3/8	2,682.93
1/2	4,331.07	1/2	4,146.38	1/2	3,961.69	1/2	3,776.99	1/2	3,592.30	1/2	3,408.34	1/2	3,227.69	1/2	3,047.11	1/2	2,863.42	1/2	2,679.09
5/8	4,327.23	5/8	4,142.53	5/8	3,957.84	5/8	3,773.14	5/8	3,588.45	5/8	3,404.57	5/8	3,223.92	5/8	3,043.36	5/8	2,859.58	5/8	2,675.25
3/4	4,323.38	3/4	4,138.68	3/4	3,953.99	3/4	3,769.30	3/4	3,584.60	3/4	3,400.80	3/4	3,220.16	3/4	3,039.57	3/4	2,855.74	3/4	2,671.41
7/8	4,319.53	7/8	4,134.84	7/8	3,950.14	7/8	3,765.45	7/8	3,580.75	7/8	3,397.04	7/8	3,216.40	7/8	3,035.78	7/8	2,851.90	7/8	2,667.57
5	4,315.68	11	4,130.99	5	3,946.29	11	3,761.60	5	3,576.91	11	3,393.28	5	3,212.63	11	3,032.00	5	2,848.06	11	2,663.73
1/8	4,311.84	1/8	4,127.14	1/8	3,942.45	1/8	3,757.75	1/8	3,573.06	1/8	3,389.51	1/8	3,208.87	1/8	3,028.21	1/8	2,844.22	1/8	2,659.89
1/4	4,307.99	1/4	4,123.29	1/4	3,938.60	1/4	3,753.90	1/4	3,569.21	1/4	3,385.75	1/4	3,205.11	1/4	3,024.43	1/4	2,840.38	1/4	2,656.05
3/8	4,304.14	3/8	4,119.45	3/8	3,934.75	3/8	3,750.06	3/8	3,565.36	3/8	3,381.99	3/8	3,201.34	3/8	3,020.64	3/8	2,836.54	3/8	2,652.21
1/2	4,300.29	1/2	4,115.60	1/2	3,930.90	1/2	3,746.21	1/2	3,561.51	1/2	3,378.22	1/2	3,197.58	1/2	3,016.86	1/2	2,832.70	1/2	2,648.37
5/8	4,296.44	5/8	4,111.75	5/8	3,927.06	5/8	3,742.36	5/8	3,557.67	5/8	3,374.46	5/8	3,193.82	5/8	3,013.07	5/8	2,828.86	5/8	2,644.53
3/4	4,292.60	3/4	4,107.90	3/4	3,923.21	3/4	3,738.51	3/4	3,553.82	3/4	3,370.70	3/4	3,190.05	3/4	3,009.25	3/4	2,825.02	3/4	2,640.69
7/8	4,288.75	7/8	4,104.05	7/8	3,919.36	7/8	3,734.67	7/8	3,549.97	7/8	3,366.93	7/8	3,186.29	7/8	3,005.42	7/8	2,821.18	7/8	2,636.85

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 PORT

ULLAGE TABLE

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,633.01	6	2,448.69	0	2,264.36	6	2,080.04	0	1,895.71	6	1,711.39	0	1,531.96	6	1,357.08	0	1,179.68	6	1,002.64
1/8	2,629.17	1/8	2,444.85	1/8	2,260.52	1/8	2,076.20	1/8	1,891.87	1/8	1,707.55	1/8	1,528.32	1/8	1,353.44	1/8	1,175.99	1/8	998.96
1/4	2,625.33	1/4	2,441.01	1/4	2,256.68	1/4	2,072.36	1/4	1,888.03	1/4	1,703.71	1/4	1,524.68	1/4	1,349.80	1/4	1,172.31	1/4	995.27
3/8	2,621.49	3/8	2,437.17	3/8	2,252.84	3/8	2,068.52	3/8	1,884.19	3/8	1,699.87	3/8	1,521.03	3/8	1,346.15	3/8	1,168.62	3/8	991.58
1/2	2,617.65	1/2	2,433.33	1/2	2,249.00	1/2	2,064.68	1/2	1,880.35	1/2	1,696.03	1/2	1,517.39	1/2	1,342.51	1/2	1,164.93	1/2	987.89
5/8	2,613.81	5/8	2,429.49	5/8	2,245.16	5/8	2,060.84	5/8	1,876.51	5/8	1,692.19	5/8	1,513.75	5/8	1,338.86	5/8	1,161.24	5/8	984.20
3/4	2,609.97	3/4	2,425.65	3/4	2,241.32	3/4	2,057.00	3/4	1,872.67	3/4	1,688.35	3/4	1,510.11	3/4	1,335.22	3/4	1,157.55	3/4	980.51
7/8	2,606.13	7/8	2,421.81	7/8	2,237.48	7/8	2,053.16	7/8	1,868.83	7/8	1,684.51	7/8	1,506.47	7/8	1,331.57	7/8	1,153.86	7/8	976.83
1	2,602.29	7	2,417.97	1	2,233.64	7	2,049.32	1	1,864.99	7	1,680.67	1	1,502.83	7	1,327.93	1	1,150.18	7	973.14
1/8	2,598.45	1/8	2,414.13	1/8	2,229.80	1/8	2,045.48	1/8	1,861.15	1/8	1,676.83	1/8	1,499.19	1/8	1,324.28	1/8	1,146.49	1/8	969.45
1/4	2,594.61	1/4	2,410.29	1/4	2,225.96	1/4	2,041.64	1/4	1,857.31	1/4	1,672.99	1/4	1,495.54	1/4	1,320.64	1/4	1,142.80	1/4	965.76
3/8	2,590.77	3/8	2,406.45	3/8	2,222.12	3/8	2,037.80	3/8	1,853.47	3/8	1,669.15	3/8	1,491.90	3/8	1,316.99	3/8	1,139.11	3/8	962.07
1/2	2,586.93	1/2	2,402.61	1/2	2,218.28	1/2	2,033.96	1/2	1,849.63	1/2	1,665.31	1/2	1,488.26	1/2	1,313.35	1/2	1,135.42	1/2	958.39
5/8	2,583.09	5/8	2,398.77	5/8	2,214.44	5/8	2,030.12	5/8	1,845.79	5/8	1,661.47	5/8	1,484.62	5/8	1,309.70	5/8	1,131.74	5/8	954.70
3/4	2,579.25	3/4	2,394.93	3/4	2,210.60	3/4	2,026.28	3/4	1,841.95	3/4	1,657.63	3/4	1,480.98	3/4	1,306.06	3/4	1,128.05	3/4	951.01
7/8	2,575.41	7/8	2,391.09	7/8	2,206.76	7/8	2,022.44	7/8	1,838.11	7/8	1,653.79	7/8	1,477.34	7/8	1,302.41	7/8	1,124.36	7/8	947.32
2	2,571.57	8	2,387.25	2	2,202.92	8	2,018.60	2	1,834.27	8	1,649.95	2	1,473.69	8	1,298.77	2	1,120.67	8	943.63
1/8	2,567.73	1/8	2,383.41	1/8	2,199.08	1/8	2,014.76	1/8	1,830.43	1/8	1,646.11	1/8	1,470.05	1/8	1,295.12	1/8	1,116.98	1/8	939.94
1/4	2,563.89	1/4	2,379.57	1/4	2,195.24	1/4	2,010.92	1/4	1,826.59	1/4	1,642.27	1/4	1,466.41	1/4	1,291.48	1/4	1,113.29	1/4	936.26
3/8	2,560.05	3/8	2,375.72	3/8	2,191.40	3/8	2,007.08	3/8	1,822.75	3/8	1,638.43	3/8	1,462.77	3/8	1,287.83	3/8	1,109.61	3/8	932.57
1/2	2,556.21	1/2	2,371.88	1/2	2,187.56	1/2	2,003.24	1/2	1,818.91	1/2	1,634.59	1/2	1,459.13	1/2	1,284.19	1/2	1,105.92	1/2	928.88
5/8	2,552.37	5/8	2,368.04	5/8	2,183.72	5/8	1,999.40	5/8	1,815.07	5/8	1,630.75	5/8	1,455.49	5/8	1,280.54	5/8	1,102.23	5/8	925.19
3/4	2,548.53	3/4	2,364.20	3/4	2,179.88	3/4	1,995.56	3/4	1,811.23	3/4	1,627.05	3/4	1,451.84	3/4	1,276.76	3/4	1,098.54	3/4	921.50
7/8	2,544.69	7/8	2,360.36	7/8	2,176.04	7/8	1,991.71	7/8	1,807.39	7/8	1,623.35	7/8	1,448.20	7/8	1,272.97	7/8	1,094.85	7/8	917.81
3	2,540.85	9	2,356.52	3	2,172.20	9	1,987.87	3	1,803.55	9	1,619.65	3	1,444.56	9	1,269.19	3	1,091.16	9	914.13
1/8	2,537.01	1/8	2,352.68	1/8	2,168.36	1/8	1,984.03	1/8	1,799.71	1/8	1,615.95	1/8	1,440.91	1/8	1,265.40	1/8	1,087.48	1/8	910.44
1/4	2,533.17	1/4	2,348.84	1/4	2,164.52	1/4	1,980.19	1/4	1,795.87	1/4	1,612.25	1/4	1,437.27	1/4	1,261.62	1/4	1,083.79	1/4	906.75
3/8	2,529.33	3/8	2,345.00	3/8	2,160.68	3/8	1,976.35	3/8	1,792.03	3/8	1,608.55	3/8	1,433.62	3/8	1,257.83	3/8	1,080.10	3/8	903.06
1/2	2,525.49	1/2	2,341.16	1/2	2,156.84	1/2	1,972.51	1/2	1,788.19	1/2	1,604.85	1/2	1,429.98	1/2	1,254.05	1/2	1,076.41	1/2	899.37
5/8	2,521.65	5/8	2,337.32	5/8	2,153.00	5/8	1,968.67	5/8	1,784.35	5/8	1,601.15	5/8	1,426.34	5/8	1,250.26	5/8	1,072.72	5/8	895.68
3/4	2,517.81	3/4	2,333.48	3/4	2,149.16	3/4	1,964.83	3/4	1,780.51	3/4	1,597.51	3/4	1,422.69	3/4	1,246.52	3/4	1,069.03	3/4	892.00
7/8	2,513.97	7/8	2,329.64	7/8	2,145.32	7/8	1,960.99	7/8	1,776.67	7/8	1,593.86	7/8	1,419.05	7/8	1,242.77	7/8	1,065.35	7/8	888.31
4	2,510.13	10	2,325.80	4	2,141.48	10	1,957.15	4	1,772.83	10	1,590.22	4	1,415.40	10	1,239.03	4	1,061.66	10	884.62
1/8	2,506.29	1/8	2,321.96	1/8	2,137.64	1/8	1,953.31	1/8	1,768.99	1/8	1,586.58	1/8	1,411.76	1/8	1,235.28	1/8	1,057.97	1/8	880.93
1/4	2,502.45	1/4	2,318.12	1/4	2,133.80	1/4	1,949.47	1/4	1,765.15	1/4	1,582.94	1/4	1,408.11	1/4	1,231.53	1/4	1,054.28	1/4	877.24
3/8	2,498.61	3/8	2,314.28	3/8	2,129.96	3/8	1,945.63	3/8	1,761.31	3/8	1,579.30	3/8	1,404.47	3/8	1,227.79	3/8	1,050.59	3/8	873.55
1/2	2,494.77	1/2	2,310.44	1/2	2,126.12	1/2	1,941.79	1/2	1,757.47	1/2	1,575.66	1/2	1,400.82	1/2	1,224.04	1/2	1,046.90	1/2	869.87
5/8	2,490.93	5/8	2,306.60	5/8	2,122.28	5/8	1,937.95	5/8	1,753.63	5/8	1,572.02	5/8	1,397.18	5/8	1,220.30	5/8	1,043.22	5/8	866.18
3/4	2,487.09	3/4	2,302.76	3/4	2,118.44	3/4	1,934.11	3/4	1,749.79	3/4	1,568.37	3/4	1,393.53	3/4	1,216.60	3/4	1,039.53	3/4	862.49
7/8	2,483.25	7/8	2,298.92	7/8	2,114.60	7/8	1,930.27	7/8	1,745.95	7/8	1,564.73	7/8	1,389.89	7/8	1,212.91	7/8	1,035.84	7/8	858.80
5	2,479.41	11	2,295.08	5	2,110.76	11	1,926.43	5	1,742.11	11	1,561.09	5	1,386.24	11	1,209.22	5	1,032.15	11	855.11
1/8	2,475.57	1/8	2,291.24	1/8	2,106.92	1/8	1,922.59	1/8	1,738.27	1/8	1,557.45	1/8	1,382.60	1/8	1,205.52	1/8	1,028.46	1/8	851.42
1/4	2,471.73	1/4	2,287.40	1/4	2,103.08	1/4	1,918.75	1/4	1,734.43	1/4	1,553.81	1/4	1,378.95	1/4	1,201.83	1/4	1,024.77	1/4	847.74
3/8	2,467.89	3/8	2,283.56	3/8	2,099.24	3/8	1,914.91	3/8	1,730.59	3/8	1,550.17	3/8	1,375.31	3/8	1,198.14	3/8	1,021.09	3/8	844.05
1/2	2,464.05	1/2	2,279.72	1/2	2,095.40	1/2	1,911.07	1/2	1,726.75	1/2	1,546.52	1/2	1,371.66	1/2	1,194.44	1/2	1,017.40	1/2	840.36
5/8	2,460.21	5/8	2,275.88	5/8	2,091.56	5/8	1,907.23	5/8	1,722.91	5/8	1,542.88	5/8	1,368.02	5/8	1,190.75	5/8	1,013.71	5/8	836.67
3/4	2,456.37	3/4	2,272.04	3/4	2,087.72	3/4	1,903.39	3/4	1,719.07	3/4	1,539.24	3/4	1,364.37	3/4	1,187.06	3/4	1,010.02	3/4	832.98
7/8	2,452.53	7/8	2,268.20	7/8	2,083.88	7/8	1,899.55	7/8	1,715.23	7/8	1,535.60	7/8	1,360.73	7/8	1,183.37	7/8	1,006.33	7/8	829.29

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**4 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	825.61	6	643.37	0	458.89	6	274.50	0	91.09
1/8	821.92	1/8	639.53	1/8	455.05	1/8	270.66	1/8	87.48
1/4	818.23	1/4	635.69	1/4	451.20	1/4	266.83	1/4	83.86
3/8	814.54	3/8	631.84	3/8	447.36	3/8	263.00	3/8	80.24
1/2	810.85	1/2	628.00	1/2	443.52	1/2	259.16	1/2	76.63
5/8	807.16	5/8	624.16	5/8	439.67	5/8	255.33	5/8	73.01
3/4	803.46	3/4	620.31	3/4	435.83	3/4	251.50	3/4	69.94
7/8	799.76	7/8	616.47	7/8	431.99	7/8	247.66	7/8	66.87
1	796.06	7	612.63	1	428.14	7	243.83	1	63.80
1/8	792.36	1/8	608.78	1/8	424.30	1/8	240.00	1/8	60.73
1/4	788.66	1/4	604.94	1/4	420.46	1/4	236.16	1/4	57.67
3/8	784.96	3/8	601.10	3/8	416.61	3/8	232.33	3/8	54.60
1/2	781.26	1/2	597.25	1/2	412.77	1/2	228.50	1/2	51.53
5/8	777.56	5/8	593.41	5/8	408.93	5/8	224.66	5/8	48.46
3/4	773.76	3/4	589.57	3/4	405.08	3/4	220.83	3/4	46.03
7/8	769.96	7/8	585.72	7/8	401.24	7/8	217.00	7/8	43.61
2	766.16	8	581.88	2	397.40	8	213.16	2	41.18
1/8	762.35	1/8	578.04	1/8	393.55	1/8	209.33	1/8	38.75
1/4	758.55	1/4	574.19	1/4	389.71	1/4	205.50	1/4	36.33
3/8	754.75	3/8	570.35	3/8	385.87	3/8	201.66	3/8	33.90
1/2	750.95	1/2	566.51	1/2	382.02	1/2	197.83	1/2	31.47
5/8	747.15	5/8	562.66	5/8	378.18	5/8	194.00	5/8	29.05
3/4	743.30	3/4	558.82	3/4	374.34	3/4	190.16		
7/8	739.46	7/8	554.98	7/8	370.49	7/8	186.33		
3	735.62	9	551.13	3	366.65	9	182.50		
1/8	731.77	1/8	547.29	1/8	362.81	1/8	178.66		
1/4	727.93	1/4	543.45	1/4	358.96	1/4	174.83		
3/8	724.09	3/8	539.60	3/8	355.12	3/8	171.00		
1/2	720.24	1/2	535.76	1/2	351.28	1/2	167.16		
5/8	716.40	5/8	531.92	5/8	347.43	5/8	163.33		
3/4	712.55	3/4	528.07	3/4	343.59	3/4	159.50		
7/8	708.71	7/8	524.23	7/8	339.75	7/8	155.66		
4	704.87	10	520.38	4	335.90	10	151.83		
1/8	701.02	1/8	516.54	1/8	332.06	1/8	148.00		
1/4	697.18	1/4	512.70	1/4	328.21	1/4	144.16		
3/8	693.34	3/8	508.85	3/8	324.37	3/8	140.33		
1/2	689.49	1/2	505.01	1/2	320.53	1/2	136.50		
5/8	685.65	5/8	501.17	5/8	316.68	5/8	132.66		
3/4	681.81	3/4	497.32	3/4	312.85	3/4	128.82		
7/8	677.96	7/8	493.48	7/8	309.01	7/8	124.98		
5	674.12	11	489.64	5	305.18	11	121.14		
1/8	670.28	1/8	485.79	1/8	301.34	1/8	117.30		
1/4	666.43	1/4	481.95	1/4	297.50	1/4	113.46		
3/8	662.59	3/8	478.11	3/8	293.67	3/8	109.62		
1/2	658.75	1/2	474.26	1/2	289.83	1/2	105.78		
5/8	654.90	5/8	470.42	5/8	286.00	5/8	101.94		
3/4	651.06	3/4	466.58	3/4	282.16	3/4	98.32		
7/8	647.22	7/8	462.73	7/8	278.33	7/8	94.71		

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6		0		6		0		6		0		6		0		6	
1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8		
1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4		
3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8		
1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2		11,888.72
5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8		11,887.25
3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4		11,885.50
7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8		11,883.75
1	7			1	7			1	7			1	7			1	7		11,882.00
1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8		11,880.24
1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4		11,878.49
3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8		11,876.74
1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2		11,874.99
5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8		11,873.24
3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4		11,871.20
7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8		11,869.17
2	8			2	8			2	8			2	8			2	8		11,867.13
1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8		11,865.10
1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4		11,863.07
3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8		11,861.03
1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2		11,859.00
5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8		11,856.96
3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4		11,854.65
7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8		11,852.33
3	9			3	9			3	9			3	9			3	9		11,850.01
1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8		11,847.69
1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4		11,845.38
3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8		11,843.06
1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2		11,840.74
5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8		11,838.42
3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4		11,835.82
7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8		11,833.23
4	10			4	10			4	10			4	10			4	10		11,830.63
1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8		11,828.03
1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4		11,825.43
3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8		11,822.83
1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2		11,820.23
5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8		11,817.63
3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4		11,814.74
7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8		11,811.86
5	11			5	11			5	11			5	11			5	11		11,808.98
1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8			1/8	1/8		11,806.09
1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4			1/4	1/4		11,803.21
3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8			3/8	3/8		11,800.33
1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2			1/2	1/2		11,797.45
5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8			5/8	5/8		11,794.56
3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4			3/4	3/4		11,791.40
7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8			7/8	7/8		11,788.23

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	11,785.07	6	11,608.35	0	11,424.12	6	11,239.89	0	11,055.66	6	10,871.43	0	10,687.20	6	10,502.97	0	10,318.74	6	10,134.52
1/8	11,781.90	1/8	11,604.51	1/8	11,420.28	1/8	11,236.05	1/8	11,051.82	1/8	10,867.59	1/8	10,683.36	1/8	10,499.14	1/8	10,314.91	1/8	10,130.68
1/4	11,778.74	1/4	11,600.67	1/4	11,416.44	1/4	11,232.21	1/4	11,047.98	1/4	10,863.76	1/4	10,679.53	1/4	10,495.30	1/4	10,311.07	1/4	10,126.84
3/8	11,775.57	3/8	11,596.83	3/8	11,412.60	3/8	11,228.37	3/8	11,044.15	3/8	10,859.92	3/8	10,675.69	3/8	10,491.46	3/8	10,307.23	3/8	10,123.00
1/2	11,772.41	1/2	11,592.99	1/2	11,408.77	1/2	11,224.54	1/2	11,040.31	1/2	10,856.08	1/2	10,671.85	1/2	10,487.62	1/2	10,303.39	1/2	10,119.16
5/8	11,769.24	5/8	11,589.16	5/8	11,404.93	5/8	11,220.70	5/8	11,036.47	5/8	10,852.24	5/8	10,668.01	5/8	10,483.78	5/8	10,299.55	5/8	10,115.33
3/4	11,765.79	3/4	11,585.32	3/4	11,401.09	3/4	11,216.86	3/4	11,032.63	3/4	10,848.40	3/4	10,664.17	3/4	10,479.95	3/4	10,295.72	3/4	10,111.49
7/8	11,762.34	7/8	11,581.48	7/8	11,397.25	7/8	11,213.02	7/8	11,028.79	7/8	10,844.56	7/8	10,660.34	7/8	10,476.11	7/8	10,291.88	7/8	10,107.65
1	11,758.90	7	11,577.64	1	11,393.41	7	11,209.18	1	11,024.96	7	10,840.73	1	10,656.50	7	10,472.27	1	10,288.04	7	10,103.81
1/8	11,755.45	1/8	11,573.80	1/8	11,389.57	1/8	11,205.35	1/8	11,021.12	1/8	10,836.89	1/8	10,652.66	1/8	10,468.43	1/8	10,284.20	1/8	10,099.97
1/4	11,752.00	1/4	11,569.97	1/4	11,385.74	1/4	11,201.51	1/4	11,017.28	1/4	10,833.05	1/4	10,648.82	1/4	10,464.59	1/4	10,280.36	1/4	10,096.14
3/8	11,748.55	3/8	11,566.13	3/8	11,381.90	3/8	11,197.67	3/8	11,013.44	3/8	10,829.21	3/8	10,644.98	3/8	10,460.75	3/8	10,276.53	3/8	10,092.30
1/2	11,745.11	1/2	11,562.29	1/2	11,378.06	1/2	11,193.83	1/2	11,009.60	1/2	10,825.37	1/2	10,641.15	1/2	10,456.92	1/2	10,272.69	1/2	10,088.46
5/8	11,741.66	5/8	11,558.45	5/8	11,374.22	5/8	11,189.99	5/8	11,005.76	5/8	10,821.54	5/8	10,637.31	5/8	10,453.08	5/8	10,268.85	5/8	10,084.62
3/4	11,737.95	3/4	11,554.61	3/4	11,370.38	3/4	11,186.16	3/4	11,001.93	3/4	10,817.70	3/4	10,633.47	3/4	10,449.24	3/4	10,265.01	3/4	10,080.78
7/8	11,734.24	7/8	11,550.78	7/8	11,366.55	7/8	11,182.32	7/8	10,998.09	7/8	10,813.86	7/8	10,629.63	7/8	10,445.40	7/8	10,261.17	7/8	10,076.94
2	11,730.53	8	11,546.94	2	11,362.71	8	11,178.48	2	10,994.25	8	10,810.02	2	10,625.79	8	10,441.56	2	10,257.34	8	10,073.11
1/8	11,726.82	1/8	11,543.10	1/8	11,358.87	1/8	11,174.64	1/8	10,990.41	1/8	10,806.18	1/8	10,621.95	1/8	10,437.73	1/8	10,253.50	1/8	10,069.27
1/4	11,723.11	1/4	11,539.26	1/4	11,355.03	1/4	11,170.80	1/4	10,986.57	1/4	10,802.35	1/4	10,618.12	1/4	10,433.89	1/4	10,249.66	1/4	10,065.43
3/8	11,719.40	3/8	11,535.42	3/8	11,351.19	3/8	11,166.96	3/8	10,982.74	3/8	10,798.51	3/8	10,614.28	3/8	10,430.05	3/8	10,245.82	3/8	10,061.59
1/2	11,715.69	1/2	11,531.58	1/2	11,347.36	1/2	11,163.13	1/2	10,978.90	1/2	10,794.67	1/2	10,610.44	1/2	10,426.21	1/2	10,241.98	1/2	10,057.75
5/8	11,711.98	5/8	11,527.75	5/8	11,343.52	5/8	11,159.29	5/8	10,975.06	5/8	10,790.83	5/8	10,606.60	5/8	10,422.37	5/8	10,238.14	5/8	10,053.92
3/4	11,708.14	3/4	11,523.91	3/4	11,339.68	3/4	11,155.45	3/4	10,971.22	3/4	10,786.99	3/4	10,602.76	3/4	10,418.54	3/4	10,234.31	3/4	10,050.08
7/8	11,704.30	7/8	11,520.07	7/8	11,335.84	7/8	11,151.61	7/8	10,967.38	7/8	10,783.15	7/8	10,598.93	7/8	10,414.70	7/8	10,230.47	7/8	10,046.24
3	11,700.46	9	11,516.23	3	11,332.00	9	11,147.77	3	10,963.55	9	10,779.32	3	10,595.09	9	10,410.86	3	10,226.63	9	10,042.40
1/8	11,696.62	1/8	11,512.39	1/8	11,328.17	1/8	11,143.94	1/8	10,959.71	1/8	10,775.48	1/8	10,591.25	1/8	10,407.02	1/8	10,222.79	1/8	10,038.56
1/4	11,692.78	1/4	11,508.56	1/4	11,324.33	1/4	11,140.10	1/4	10,955.87	1/4	10,771.64	1/4	10,587.41	1/4	10,403.18	1/4	10,218.95	1/4	10,034.73
3/8	11,688.95	3/8	11,504.72	3/8	11,320.49	3/8	11,136.26	3/8	10,952.03	3/8	10,767.80	3/8	10,583.57	3/8	10,399.34	3/8	10,215.12	3/8	10,030.89
1/2	11,685.11	1/2	11,500.88	1/2	11,316.65	1/2	11,132.42	1/2	10,948.19	1/2	10,763.96	1/2	10,579.74	1/2	10,395.51	1/2	10,211.28	1/2	10,027.05
5/8	11,681.27	5/8	11,497.04	5/8	11,312.81	5/8	11,128.58	5/8	10,944.36	5/8	10,760.13	5/8	10,575.90	5/8	10,391.67	5/8	10,207.44	5/8	10,023.21
3/4	11,677.43	3/4	11,493.20	3/4	11,308.97	3/4	11,124.75	3/4	10,940.52	3/4	10,756.29	3/4	10,572.06	3/4	10,387.83	3/4	10,203.60	3/4	10,019.37
7/8	11,673.59	7/8	11,489.37	7/8	11,305.14	7/8	11,120.91	7/8	10,936.68	7/8	10,752.45	7/8	10,568.22	7/8	10,383.99	7/8	10,199.76	7/8	10,015.53
4	11,669.76	10	11,485.53	4	11,301.30	10	11,117.07	4	10,932.84	10	10,748.61	4	10,564.38	10	10,380.15	4	10,195.93	10	10,011.70
1/8	11,665.92	1/8	11,481.69	1/8	11,297.46	1/8	11,113.23	1/8	10,929.00	1/8	10,744.77	1/8	10,560.55	1/8	10,376.32	1/8	10,192.09	1/8	10,007.86
1/4	11,662.08	1/4	11,477.85	1/4	11,293.62	1/4	11,109.39	1/4	10,925.16	1/4	10,740.94	1/4	10,556.71	1/4	10,372.48	1/4	10,188.25	1/4	10,004.02
3/8	11,658.24	3/8	11,474.01	3/8	11,289.78	3/8	11,105.56	3/8	10,921.33	3/8	10,737.10	3/8	10,552.87	3/8	10,368.64	3/8	10,184.41	3/8	10,000.18
1/2	11,654.40	1/2	11,470.17	1/2	11,285.95	1/2	11,101.72	1/2	10,917.49	1/2	10,733.26	1/2	10,549.03	1/2	10,364.80	1/2	10,180.57	1/2	9,996.34
5/8	11,650.57	5/8	11,466.34	5/8	11,282.11	5/8	11,097.88	5/8	10,913.65	5/8	10,729.42	5/8	10,545.19	5/8	10,360.96	5/8	10,176.74	5/8	9,992.51
3/4	11,646.73	3/4	11,462.50	3/4	11,278.27	3/4	11,094.04	3/4	10,909.81	3/4	10,725.58	3/4	10,541.35	3/4	10,357.13	3/4	10,172.90	3/4	9,988.67
7/8	11,642.89	7/8	11,458.66	7/8	11,274.43	7/8	11,090.20	7/8	10,905.97	7/8	10,721.75	7/8	10,537.52	7/8	10,353.29	7/8	10,169.06	7/8	9,984.83
5	11,639.05	11	11,454.82	5	11,270.59	11	11,086.36	5	10,902.14	11	10,717.91	5	10,533.68	11	10,349.45	5	10,165.22	11	9,980.99
1/8	11,635.21	1/8	11,450.98	1/8	11,266.76	1/8	11,082.53	1/8	10,898.30	1/8	10,714.07	1/8	10,529.84	1/8	10,345.61	1/8	10,161.38	1/8	9,977.15
1/4	11,631.38	1/4	11,447.15	1/4	11,262.92	1/4	11,078.69	1/4	10,894.46	1/4	10,710.23	1/4	10,526.00	1/4	10,341.77	1/4	10,157.54	1/4	9,973.32
3/8	11,627.54	3/8	11,443.31	3/8	11,259.08	3/8	11,074.85	3/8	10,890.62	3/8	10,706.39	3/8	10,522.16	3/8	10,337.94	3/8	10,153.71	3/8	9,969.48
1/2	11,623.70	1/2	11,439.47	1/2	11,255.24	1/2	11,071.01	1/2	10,886.78	1/2	10,702.55	1/2	10,518.33	1/2	10,334.10	1/2	10,149.87	1/2	9,965.64
5/8	11,619.86	5/8	11,435.63	5/8	11,251.40	5/8	11,067.17	5/8	10,882.95	5/8	10,698.72	5/8	10,514.49	5/8	10,330.26	5/8	10,146.03	5/8	9,961.80
3/4	11,616.02	3/4	11,431.79	3/4	11,247.57	3/4	11,063.34	3/4	10,879.11	3/4	10,694.88	3/4	10,510.65	3/4	10,326.42	3/4	10,142.19	3/4	9,957.96
7/8	11,612.18	7/8	11,427.96	7/8	11,243.73	7/8	11,059.50	7/8	10,875.27	7/8	10,691.04	7/8	10,506.81	7/8	10,322.58	7/8	10,138.35	7/8	9,954.13

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	9,950.29	6	9,766.06	0	9,581.83	6	9,397.60	0	9,213.37	6	9,029.14	0	8,844.91	6	8,660.69	0	8,476.46	6	8,292.23
1/8	9,946.45	1/8	9,762.22	1/8	9,577.99	1/8	9,393.76	1/8	9,209.53	1/8	9,025.31	1/8	8,841.08	1/8	8,656.85	1/8	8,472.62	1/8	8,288.39
1/4	9,942.61	1/4	9,758.38	1/4	9,574.15	1/4	9,389.92	1/4	9,205.70	1/4	9,021.47	1/4	8,837.24	1/4	8,653.01	1/4	8,468.78	1/4	8,284.55
3/8	9,938.77	3/8	9,754.54	3/8	9,570.32	3/8	9,386.09	3/8	9,201.86	3/8	9,017.63	3/8	8,833.40	3/8	8,649.17	3/8	8,464.94	3/8	8,280.71
1/2	9,934.93	1/2	9,750.71	1/2	9,566.48	1/2	9,382.25	1/2	9,198.02	1/2	9,013.79	1/2	8,829.56	1/2	8,645.33	1/2	8,461.10	1/2	8,276.88
5/8	9,931.10	5/8	9,746.87	5/8	9,562.64	5/8	9,378.41	5/8	9,194.18	5/8	9,009.95	5/8	8,825.72	5/8	8,641.50	5/8	8,457.27	5/8	8,273.04
3/4	9,927.26	3/4	9,743.03	3/4	9,558.80	3/4	9,374.57	3/4	9,190.34	3/4	9,006.11	3/4	8,821.89	3/4	8,637.66	3/4	8,453.43	3/4	8,269.20
7/8	9,923.42	7/8	9,739.19	7/8	9,554.96	7/8	9,370.73	7/8	9,186.51	7/8	9,002.28	7/8	8,818.05	7/8	8,633.82	7/8	8,449.59	7/8	8,265.36
1	9,919.58	7	9,735.35	1	9,551.12	7	9,366.90	1	9,182.67	7	8,998.44	1	8,814.21	7	8,629.98	1	8,445.75	7	8,261.52
1/8	9,915.74	1/8	9,731.52	1/8	9,547.29	1/8	9,363.06	1/8	9,178.83	1/8	8,994.60	1/8	8,810.37	1/8	8,626.14	1/8	8,441.91	1/8	8,257.69
1/4	9,911.91	1/4	9,727.68	1/4	9,543.45	1/4	9,359.22	1/4	9,174.99	1/4	8,990.76	1/4	8,806.53	1/4	8,622.30	1/4	8,438.08	1/4	8,253.85
3/8	9,908.07	3/8	9,723.84	3/8	9,539.61	3/8	9,355.38	3/8	9,171.15	3/8	8,986.92	3/8	8,802.70	3/8	8,618.47	3/8	8,434.24	3/8	8,250.01
1/2	9,904.23	1/2	9,720.00	1/2	9,535.77	1/2	9,351.54	1/2	9,167.31	1/2	8,983.09	1/2	8,798.86	1/2	8,614.63	1/2	8,430.40	1/2	8,246.17
5/8	9,900.39	5/8	9,716.16	5/8	9,531.93	5/8	9,347.71	5/8	9,163.48	5/8	8,979.25	5/8	8,795.02	5/8	8,610.79	5/8	8,426.56	5/8	8,242.33
3/4	9,896.55	3/4	9,712.33	3/4	9,528.10	3/4	9,343.87	3/4	9,159.64	3/4	8,975.41	3/4	8,791.18	3/4	8,606.95	3/4	8,422.72	3/4	8,238.49
7/8	9,892.72	7/8	9,708.49	7/8	9,524.26	7/8	9,340.03	7/8	9,155.80	7/8	8,971.57	7/8	8,787.34	7/8	8,603.11	7/8	8,418.89	7/8	8,234.66
2	9,888.88	8	9,704.65	2	9,520.42	8	9,336.19	2	9,151.96	8	8,967.73	2	8,783.50	8	8,599.28	2	8,415.05	8	8,230.82
1/8	9,885.04	1/8	9,700.81	1/8	9,516.58	1/8	9,332.35	1/8	9,148.12	1/8	8,963.90	1/8	8,779.67	1/8	8,595.44	1/8	8,411.21	1/8	8,226.98
1/4	9,881.20	1/4	9,696.97	1/4	9,512.74	1/4	9,328.52	1/4	9,144.29	1/4	8,960.06	1/4	8,775.83	1/4	8,591.60	1/4	8,407.37	1/4	8,223.14
3/8	9,877.36	3/8	9,693.13	3/8	9,508.91	3/8	9,324.68	3/8	9,140.45	3/8	8,956.22	3/8	8,771.99	3/8	8,587.76	3/8	8,403.53	3/8	8,219.30
1/2	9,873.53	1/2	9,689.30	1/2	9,505.07	1/2	9,320.84	1/2	9,136.61	1/2	8,952.38	1/2	8,768.15	1/2	8,583.92	1/2	8,399.69	1/2	8,215.47
5/8	9,869.69	5/8	9,685.46	5/8	9,501.23	5/8	9,317.00	5/8	9,132.77	5/8	8,948.54	5/8	8,764.31	5/8	8,580.09	5/8	8,395.86	5/8	8,211.63
3/4	9,865.85	3/4	9,681.62	3/4	9,497.39	3/4	9,313.16	3/4	9,128.93	3/4	8,944.71	3/4	8,760.48	3/4	8,576.25	3/4	8,392.02	3/4	8,207.79
7/8	9,862.01	7/8	9,677.78	7/8	9,493.55	7/8	9,309.32	7/8	9,125.10	7/8	8,940.87	7/8	8,756.64	7/8	8,572.41	7/8	8,388.18	7/8	8,203.95
3	9,858.17	9	9,673.94	3	9,489.72	9	9,305.49	3	9,121.26	9	8,937.03	3	8,752.80	9	8,568.57	3	8,384.34	9	8,200.11
1/8	9,854.33	1/8	9,670.11	1/8	9,485.88	1/8	9,301.65	1/8	9,117.42	1/8	8,933.19	1/8	8,748.96	1/8	8,564.73	1/8	8,380.50	1/8	8,196.28
1/4	9,850.50	1/4	9,666.27	1/4	9,482.04	1/4	9,297.81	1/4	9,113.58	1/4	8,929.35	1/4	8,745.12	1/4	8,560.90	1/4	8,376.67	1/4	8,192.44
3/8	9,846.66	3/8	9,662.43	3/8	9,478.20	3/8	9,293.97	3/8	9,109.74	3/8	8,925.51	3/8	8,741.29	3/8	8,557.06	3/8	8,372.83	3/8	8,188.60
1/2	9,842.82	1/2	9,658.59	1/2	9,474.36	1/2	9,290.13	1/2	9,105.91	1/2	8,921.68	1/2	8,737.45	1/2	8,553.22	1/2	8,368.99	1/2	8,184.76
5/8	9,838.98	5/8	9,654.75	5/8	9,470.52	5/8	9,286.30	5/8	9,102.07	5/8	8,917.84	5/8	8,733.61	5/8	8,549.38	5/8	8,365.15	5/8	8,180.92
3/4	9,835.14	3/4	9,650.92	3/4	9,466.69	3/4	9,282.46	3/4	9,098.23	3/4	8,914.00	3/4	8,729.77	3/4	8,545.54	3/4	8,361.31	3/4	8,177.09
7/8	9,831.31	7/8	9,647.08	7/8	9,462.85	7/8	9,278.62	7/8	9,094.39	7/8	8,910.16	7/8	8,725.93	7/8	8,541.70	7/8	8,357.48	7/8	8,173.25
4	9,827.47	10	9,643.24	4	9,459.01	10	9,274.78	4	9,090.55	10	8,906.32	4	8,722.10	10	8,537.87	4	8,353.64	10	8,169.41
1/8	9,823.63	1/8	9,639.40	1/8	9,455.17	1/8	9,270.94	1/8	9,086.71	1/8	8,902.49	1/8	8,718.26	1/8	8,534.03	1/8	8,349.80	1/8	8,165.57
1/4	9,819.79	1/4	9,635.56	1/4	9,451.33	1/4	9,267.11	1/4	9,082.88	1/4	8,898.65	1/4	8,714.42	1/4	8,530.19	1/4	8,345.96	1/4	8,161.73
3/8	9,815.95	3/8	9,631.72	3/8	9,447.50	3/8	9,263.27	3/8	9,079.04	3/8	8,894.81	3/8	8,710.58	3/8	8,526.35	3/8	8,342.12	3/8	8,157.89
1/2	9,812.12	1/2	9,627.89	1/2	9,443.66	1/2	9,259.43	1/2	9,075.20	1/2	8,890.97	1/2	8,706.74	1/2	8,522.51	1/2	8,338.29	1/2	8,154.06
5/8	9,808.28	5/8	9,624.05	5/8	9,439.82	5/8	9,255.59	5/8	9,071.36	5/8	8,887.13	5/8	8,702.90	5/8	8,518.68	5/8	8,334.45	5/8	8,150.22
3/4	9,804.44	3/4	9,620.21	3/4	9,435.98	3/4	9,251.75	3/4	9,067.52	3/4	8,883.30	3/4	8,699.07	3/4	8,514.84	3/4	8,330.61	3/4	8,146.38
7/8	9,800.60	7/8	9,616.37	7/8	9,432.14	7/8	9,247.91	7/8	9,063.69	7/8	8,879.46	7/8	8,695.23	7/8	8,511.00	7/8	8,326.77	7/8	8,142.54
5	9,796.76	11	9,612.53	5	9,428.31	11	9,244.08	5	9,059.85	11	8,875.62	5	8,691.39	11	8,507.16	5	8,322.93	11	8,138.70
1/8	9,792.93	1/8	9,608.70	1/8	9,424.47	1/8	9,240.24	1/8	9,056.01	1/8	8,871.78	1/8	8,687.55	1/8	8,503.32	1/8	8,319.09	1/8	8,134.87
1/4	9,789.09	1/4	9,604.86	1/4	9,420.63	1/4	9,236.40	1/4	9,052.17	1/4	8,867.94	1/4	8,683.71	1/4	8,499.49	1/4	8,315.26	1/4	8,131.03
3/8	9,785.25	3/8	9,601.02	3/8	9,416.79	3/8	9,232.56	3/8	9,048.33	3/8	8,864.10	3/8	8,679.88	3/8	8,495.65	3/8	8,311.42	3/8	8,127.19
1/2	9,781.41	1/2	9,597.18	1/2	9,412.95	1/2	9,228.72	1/2	9,044.50	1/2	8,860.27	1/2	8,676.04	1/2	8,491.81	1/2	8,307.58	1/2	8,123.35
5/8	9,777.57	5/8	9,593.34	5/8	9,409.12	5/8	9,224.89	5/8	9,040.66	5/8	8,856.43	5/8	8,672.20	5/8	8,487.97	5/8	8,303.74	5/8	8,119.51
3/4	9,773.73	3/4	9,589.51	3/4	9,405.28	3/4	9,221.05	3/4	9,036.82	3/4	8,852.59	3/4	8,668.36	3/4	8,484.13	3/4	8,299.90	3/4	8,115.68
7/8	9,769.90	7/8	9,585.67	7/8	9,401.44	7/8	9,217.21	7/8	9,032.98	7/8	8,848.75	7/8	8,664.52	7/8	8,480.29	7/8	8,296.07	7/8	8,111.84

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	8,108.00	6	7,923.77	0	7,739.54	6	7,555.31	0	7,371.08	6	7,186.86	0	7,002.63	6	6,818.40	0	6,634.17	6	6,449.94
1/8	8,104.16	1/8	7,919.93	1/8	7,735.70	1/8	7,551.47	1/8	7,367.25	1/8	7,183.02	1/8	6,998.79	1/8	6,814.56	1/8	6,630.33	1/8	6,446.10
1/4	8,100.32	1/4	7,916.09	1/4	7,731.87	1/4	7,547.64	1/4	7,363.41	1/4	7,179.18	1/4	6,994.95	1/4	6,810.72	1/4	6,626.49	1/4	6,442.26
3/8	8,096.48	3/8	7,912.26	3/8	7,728.03	3/8	7,543.80	3/8	7,359.57	3/8	7,175.34	3/8	6,991.11	3/8	6,806.88	3/8	6,622.65	3/8	6,438.43
1/2	8,092.65	1/2	7,908.42	1/2	7,724.19	1/2	7,539.96	1/2	7,355.73	1/2	7,171.50	1/2	6,987.27	1/2	6,803.05	1/2	6,618.82	1/2	6,434.59
5/8	8,088.81	5/8	7,904.58	5/8	7,720.35	5/8	7,536.12	5/8	7,351.89	5/8	7,167.66	5/8	6,983.44	5/8	6,799.21	5/8	6,614.98	5/8	6,430.75
3/4	8,084.97	3/4	7,900.74	3/4	7,716.51	3/4	7,532.28	3/4	7,348.06	3/4	7,163.83	3/4	6,979.60	3/4	6,795.37	3/4	6,611.14	3/4	6,426.91
7/8	8,081.13	7/8	7,896.90	7/8	7,712.67	7/8	7,528.45	7/8	7,344.22	7/8	7,159.99	7/8	6,975.76	7/8	6,791.53	7/8	6,607.30	7/8	6,423.07
1	8,077.29	7	7,893.07	1	7,708.84	7	7,524.61	1	7,340.38	7	7,156.15	1	6,971.92	7	6,787.69	1	6,603.46	7	6,419.24
1/8	8,073.46	1/8	7,889.23	1/8	7,705.00	1/8	7,520.77	1/8	7,336.54	1/8	7,152.31	1/8	6,968.08	1/8	6,783.85	1/8	6,599.63	1/8	6,415.40
1/4	8,069.62	1/4	7,885.39	1/4	7,701.16	1/4	7,516.93	1/4	7,332.70	1/4	7,148.47	1/4	6,964.25	1/4	6,780.02	1/4	6,595.79	1/4	6,411.56
3/8	8,065.78	3/8	7,881.55	3/8	7,697.32	3/8	7,513.09	3/8	7,328.86	3/8	7,144.64	3/8	6,960.41	3/8	6,776.18	3/8	6,591.95	3/8	6,407.72
1/2	8,061.94	1/2	7,877.71	1/2	7,693.48	1/2	7,509.26	1/2	7,325.03	1/2	7,140.80	1/2	6,956.57	1/2	6,772.34	1/2	6,588.11	1/2	6,403.88
5/8	8,058.10	5/8	7,873.88	5/8	7,689.65	5/8	7,505.42	5/8	7,321.19	5/8	7,136.96	5/8	6,952.73	5/8	6,768.50	5/8	6,584.27	5/8	6,400.04
3/4	8,054.27	3/4	7,870.04	3/4	7,685.81	3/4	7,501.58	3/4	7,317.35	3/4	7,133.12	3/4	6,948.89	3/4	6,764.66	3/4	6,580.44	3/4	6,396.21
7/8	8,050.43	7/8	7,866.20	7/8	7,681.97	7/8	7,497.74	7/8	7,313.51	7/8	7,129.28	7/8	6,945.05	7/8	6,760.83	7/8	6,576.60	7/8	6,392.37
2	8,046.59	8	7,862.36	2	7,678.13	8	7,493.90	2	7,309.67	8	7,125.45	2	6,941.22	8	6,756.99	2	6,572.76	8	6,388.53
1/8	8,042.75	1/8	7,858.52	1/8	7,674.29	1/8	7,490.07	1/8	7,305.84	1/8	7,121.61	1/8	6,937.38	1/8	6,753.15	1/8	6,568.92	1/8	6,384.69
1/4	8,038.91	1/4	7,854.68	1/4	7,670.46	1/4	7,486.23	1/4	7,302.00	1/4	7,117.77	1/4	6,933.54	1/4	6,749.31	1/4	6,565.08	1/4	6,380.85
3/8	8,035.08	3/8	7,850.85	3/8	7,666.62	3/8	7,482.39	3/8	7,298.16	3/8	7,113.93	3/8	6,929.70	3/8	6,745.47	3/8	6,561.24	3/8	6,377.02
1/2	8,031.24	1/2	7,847.01	1/2	7,662.78	1/2	7,478.55	1/2	7,294.32	1/2	7,110.09	1/2	6,925.86	1/2	6,741.64	1/2	6,557.41	1/2	6,373.18
5/8	8,027.40	5/8	7,843.17	5/8	7,658.94	5/8	7,474.71	5/8	7,290.48	5/8	7,106.26	5/8	6,922.03	5/8	6,737.80	5/8	6,553.57	5/8	6,369.34
3/4	8,023.56	3/4	7,839.33	3/4	7,655.10	3/4	7,470.87	3/4	7,286.65	3/4	7,102.42	3/4	6,918.19	3/4	6,733.96	3/4	6,549.73	3/4	6,365.50
7/8	8,019.72	7/8	7,835.49	7/8	7,651.27	7/8	7,467.04	7/8	7,282.81	7/8	7,098.58	7/8	6,914.35	7/8	6,730.12	7/8	6,545.89	7/8	6,361.66
3	8,015.88	9	7,831.66	3	7,647.43	9	7,463.20	3	7,278.97	9	7,094.74	3	6,910.51	9	6,726.28	3	6,542.05	9	6,357.83
1/8	8,012.05	1/8	7,827.82	1/8	7,643.59	1/8	7,459.36	1/8	7,275.13	1/8	7,090.90	1/8	6,906.67	1/8	6,722.45	1/8	6,538.22	1/8	6,353.99
1/4	8,008.21	1/4	7,823.98	1/4	7,639.75	1/4	7,455.52	1/4	7,271.29	1/4	7,087.06	1/4	6,902.84	1/4	6,718.61	1/4	6,534.38	1/4	6,350.15
3/8	8,004.37	3/8	7,820.14	3/8	7,635.91	3/8	7,451.68	3/8	7,267.46	3/8	7,083.23	3/8	6,899.00	3/8	6,714.77	3/8	6,530.54	3/8	6,346.31
1/2	8,000.53	1/2	7,816.30	1/2	7,632.07	1/2	7,447.85	1/2	7,263.62	1/2	7,079.39	1/2	6,895.16	1/2	6,710.93	1/2	6,526.70	1/2	6,342.47
5/8	7,996.69	5/8	7,812.47	5/8	7,628.24	5/8	7,444.01	5/8	7,259.78	5/8	7,075.55	5/8	6,891.32	5/8	6,707.09	5/8	6,522.86	5/8	6,338.64
3/4	7,992.86	3/4	7,808.63	3/4	7,624.40	3/4	7,440.17	3/4	7,255.94	3/4	7,071.71	3/4	6,887.48	3/4	6,703.25	3/4	6,519.03	3/4	6,334.80
7/8	7,989.02	7/8	7,804.79	7/8	7,620.56	7/8	7,436.33	7/8	7,252.10	7/8	7,067.87	7/8	6,883.65	7/8	6,699.42	7/8	6,515.19	7/8	6,330.96
4	7,985.18	10	7,800.95	4	7,616.72	10	7,432.49	4	7,248.26	10	7,064.04	4	6,879.81	10	6,695.58	4	6,511.35	10	6,327.12
1/8	7,981.34	1/8	7,797.11	1/8	7,612.88	1/8	7,428.66	1/8	7,244.43	1/8	7,060.20	1/8	6,875.97	1/8	6,691.74	1/8	6,507.51	1/8	6,323.28
1/4	7,977.50	1/4	7,793.28	1/4	7,609.05	1/4	7,424.82	1/4	7,240.59	1/4	7,056.36	1/4	6,872.13	1/4	6,687.90	1/4	6,503.67	1/4	6,319.44
3/8	7,973.67	3/8	7,789.44	3/8	7,605.21	3/8	7,420.98	3/8	7,236.75	3/8	7,052.52	3/8	6,868.29	3/8	6,684.06	3/8	6,499.84	3/8	6,315.61
1/2	7,969.83	1/2	7,785.60	1/2	7,601.37	1/2	7,417.14	1/2	7,232.91	1/2	7,048.68	1/2	6,864.45	1/2	6,680.23	1/2	6,496.00	1/2	6,311.77
5/8	7,965.99	5/8	7,781.76	5/8	7,597.53	5/8	7,413.30	5/8	7,229.07	5/8	7,044.85	5/8	6,860.62	5/8	6,676.39	5/8	6,492.16	5/8	6,307.93
3/4	7,962.15	3/4	7,777.92	3/4	7,593.69	3/4	7,409.47	3/4	7,225.24	3/4	7,041.01	3/4	6,856.78	3/4	6,672.55	3/4	6,488.32	3/4	6,304.09
7/8	7,958.31	7/8	7,774.08	7/8	7,589.86	7/8	7,405.63	7/8	7,221.40	7/8	7,037.17	7/8	6,852.94	7/8	6,668.71	7/8	6,484.48	7/8	6,300.25
5	7,954.48	11	7,770.25	5	7,586.02	11	7,401.79	5	7,217.56	11	7,033.33	5	6,849.10	11	6,664.87	5	6,480.64	11	6,296.42
1/8	7,950.64	1/8	7,766.41	1/8	7,582.18	1/8	7,397.95	1/8	7,213.72	1/8	7,029.49	1/8	6,845.26	1/8	6,661.04	1/8	6,476.81	1/8	6,292.58
1/4	7,946.80	1/4	7,762.57	1/4	7,578.34	1/4	7,394.11	1/4	7,209.88	1/4	7,025.66	1/4	6,841.43	1/4	6,657.20	1/4	6,472.97	1/4	6,288.74
3/8	7,942.96	3/8	7,758.73	3/8	7,574.50	3/8	7,390.27	3/8	7,206.05	3/8	7,021.82	3/8	6,837.59	3/8	6,653.36	3/8	6,469.13	3/8	6,284.90
1/2	7,939.12	1/2	7,754.89	1/2	7,570.67	1/2	7,386.44	1/2	7,202.21	1/2	7,017.98	1/2	6,833.75	1/2	6,649.52	1/2	6,465.29	1/2	6,281.06
5/8	7,935.28	5/8	7,751.06	5/8	7,566.83	5/8	7,382.60	5/8	7,198.37	5/8	7,014.14	5/8	6,829.91	5/8	6,645.68	5/8	6,461.45	5/8	6,277.23
3/4	7,931.45	3/4	7,747.22	3/4	7,562.99	3/4	7,378.76	3/4	7,194.53	3/4	7,010.30	3/4	6,826.07	3/4	6,641.85	3/4	6,457.62	3/4	6,273.39
7/8	7,927.61	7/8	7,743.38	7/8	7,559.15	7/8	7,374.92	7/8	7,190.69	7/8	7,006.46	7/8	6,822.24	7/8	6,638.01	7/8	6,453.78	7/8	6,269.55

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	6,265.71	6	6,081.48	0	5,897.25	6	5,713.02	0	5,528.80	6	5,344.57	0	5,160.34	6	4,976.11	0	4,792.72	6	4,610.29
1/8	6,261.87	1/8	6,077.64	1/8	5,893.42	1/8	5,709.19	1/8	5,524.96	1/8	5,340.73	1/8	5,156.50	1/8	4,972.27	1/8	4,788.92	1/8	4,606.49
1/4	6,258.04	1/4	6,073.81	1/4	5,889.58	1/4	5,705.35	1/4	5,521.12	1/4	5,336.89	1/4	5,152.66	1/4	4,968.43	1/4	4,785.12	1/4	4,602.69
3/8	6,254.20	3/8	6,069.97	3/8	5,885.74	3/8	5,701.51	3/8	5,517.28	3/8	5,333.05	3/8	5,148.82	3/8	4,964.60	3/8	4,781.32	3/8	4,598.89
1/2	6,250.36	1/2	6,066.13	1/2	5,881.90	1/2	5,697.67	1/2	5,513.44	1/2	5,329.21	1/2	5,144.99	1/2	4,960.76	1/2	4,777.52	1/2	4,595.09
5/8	6,246.52	5/8	6,062.29	5/8	5,878.06	5/8	5,693.83	5/8	5,509.61	5/8	5,325.38	5/8	5,141.15	5/8	4,956.92	5/8	4,773.72	5/8	4,591.29
3/4	6,242.68	3/4	6,058.45	3/4	5,874.23	3/4	5,690.00	3/4	5,505.77	3/4	5,321.54	3/4	5,137.31	3/4	4,953.08	3/4	4,769.92	3/4	4,587.49
7/8	6,238.84	7/8	6,054.62	7/8	5,870.39	7/8	5,686.16	7/8	5,501.93	7/8	5,317.70	7/8	5,133.47	7/8	4,949.24	7/8	4,766.12	7/8	4,583.69
1	6,235.01	7	6,050.78	1	5,866.55	7	5,682.32	1	5,498.09	7	5,313.86	1	5,129.63	7	4,945.40	1	4,762.32	7	4,579.89
1/8	6,231.17	1/8	6,046.94	1/8	5,862.71	1/8	5,678.48	1/8	5,494.25	1/8	5,310.02	1/8	5,125.80	1/8	4,941.57	1/8	4,758.52	1/8	4,576.09
1/4	6,227.33	1/4	6,043.10	1/4	5,858.87	1/4	5,674.64	1/4	5,490.42	1/4	5,306.19	1/4	5,121.96	1/4	4,937.73	1/4	4,754.71	1/4	4,572.29
3/8	6,223.49	3/8	6,039.26	3/8	5,855.03	3/8	5,670.81	3/8	5,486.58	3/8	5,302.35	3/8	5,118.12	3/8	4,933.89	3/8	4,750.91	3/8	4,568.49
1/2	6,219.65	1/2	6,035.43	1/2	5,851.20	1/2	5,666.97	1/2	5,482.74	1/2	5,298.51	1/2	5,114.28	1/2	4,930.05	1/2	4,747.11	1/2	4,564.68
5/8	6,215.82	5/8	6,031.59	5/8	5,847.36	5/8	5,663.13	5/8	5,478.90	5/8	5,294.67	5/8	5,110.44	5/8	4,926.21	5/8	4,743.31	5/8	4,560.88
3/4	6,211.98	3/4	6,027.75	3/4	5,843.52	3/4	5,659.29	3/4	5,475.06	3/4	5,290.83	3/4	5,106.61	3/4	4,922.38	3/4	4,739.51	3/4	4,557.08
7/8	6,208.14	7/8	6,023.91	7/8	5,839.68	7/8	5,655.45	7/8	5,471.22	7/8	5,287.00	7/8	5,102.77	7/8	4,918.54	7/8	4,735.71	7/8	4,553.28
2	6,204.30	8	6,020.07	2	5,835.84	8	5,651.62	2	5,467.39	8	5,283.16	2	5,098.93	8	4,914.70	2	4,731.91	8	4,549.48
1/8	6,200.46	1/8	6,016.23	1/8	5,832.01	1/8	5,647.78	1/8	5,463.55	1/8	5,279.32	1/8	5,095.09	1/8	4,910.86	1/8	4,728.11	1/8	4,545.68
1/4	6,196.63	1/4	6,012.40	1/4	5,828.17	1/4	5,643.94	1/4	5,459.71	1/4	5,275.48	1/4	5,091.25	1/4	4,907.02	1/4	4,724.31	1/4	4,541.88
3/8	6,192.79	3/8	6,008.56	3/8	5,824.33	3/8	5,640.10	3/8	5,455.87	3/8	5,271.64	3/8	5,087.41	3/8	4,903.19	3/8	4,720.51	3/8	4,538.08
1/2	6,188.95	1/2	6,004.72	1/2	5,820.49	1/2	5,636.26	1/2	5,452.03	1/2	5,267.81	1/2	5,083.58	1/2	4,899.35	1/2	4,716.71	1/2	4,534.28
5/8	6,185.11	5/8	6,000.88	5/8	5,816.65	5/8	5,632.42	5/8	5,448.20	5/8	5,263.97	5/8	5,079.74	5/8	4,895.51	5/8	4,712.91	5/8	4,530.48
3/4	6,181.27	3/4	5,997.04	3/4	5,812.82	3/4	5,628.59	3/4	5,444.36	3/4	5,260.13	3/4	5,075.90	3/4	4,891.69	3/4	4,709.11	3/4	4,526.68
7/8	6,177.43	7/8	5,993.21	7/8	5,808.98	7/8	5,624.75	7/8	5,440.52	7/8	5,256.29	7/8	5,072.06	7/8	4,887.87	7/8	4,705.31	7/8	4,522.88
3	6,173.60	9	5,989.37	3	5,805.14	9	5,620.91	3	5,436.68	9	5,252.45	3	5,068.22	9	4,884.04	3	4,701.51	9	4,519.08
1/8	6,169.76	1/8	5,985.53	1/8	5,801.30	1/8	5,617.07	1/8	5,432.84	1/8	5,248.61	1/8	5,064.39	1/8	4,880.22	1/8	4,697.71	1/8	4,515.28
1/4	6,165.92	1/4	5,981.69	1/4	5,797.46	1/4	5,613.23	1/4	5,429.01	1/4	5,244.78	1/4	5,060.55	1/4	4,876.40	1/4	4,693.90	1/4	4,511.48
3/8	6,162.08	3/8	5,977.85	3/8	5,793.62	3/8	5,609.40	3/8	5,425.17	3/8	5,240.94	3/8	5,056.71	3/8	4,872.58	3/8	4,690.10	3/8	4,507.68
1/2	6,158.24	1/2	5,974.02	1/2	5,789.79	1/2	5,605.56	1/2	5,421.33	1/2	5,237.10	1/2	5,052.87	1/2	4,868.75	1/2	4,686.30	1/2	4,503.87
5/8	6,154.41	5/8	5,970.18	5/8	5,785.95	5/8	5,601.72	5/8	5,417.49	5/8	5,233.26	5/8	5,049.03	5/8	4,864.93	5/8	4,682.50	5/8	4,500.07
3/4	6,150.57	3/4	5,966.34	3/4	5,782.11	3/4	5,597.88	3/4	5,413.65	3/4	5,229.42	3/4	5,045.20	3/4	4,861.13	3/4	4,678.70	3/4	4,496.27
7/8	6,146.73	7/8	5,962.50	7/8	5,778.27	7/8	5,594.04	7/8	5,409.81	7/8	5,225.59	7/8	5,041.36	7/8	4,857.33	7/8	4,674.90	7/8	4,492.47
4	6,142.89	10	5,958.66	4	5,774.43	10	5,590.21	4	5,405.98	10	5,221.75	4	5,037.52	10	4,853.53	4	4,671.10	10	4,488.67
1/8	6,139.05	1/8	5,954.83	1/8	5,770.60	1/8	5,586.37	1/8	5,402.14	1/8	5,217.91	1/8	5,033.68	1/8	4,849.73	1/8	4,667.30	1/8	4,484.87
1/4	6,135.22	1/4	5,950.99	1/4	5,766.76	1/4	5,582.53	1/4	5,398.30	1/4	5,214.07	1/4	5,029.84	1/4	4,845.93	1/4	4,663.50	1/4	4,481.07
3/8	6,131.38	3/8	5,947.15	3/8	5,762.92	3/8	5,578.69	3/8	5,394.46	3/8	5,210.23	3/8	5,026.00	3/8	4,842.13	3/8	4,659.70	3/8	4,477.27
1/2	6,127.54	1/2	5,943.31	1/2	5,759.08	1/2	5,574.85	1/2	5,390.62	1/2	5,206.40	1/2	5,022.17	1/2	4,838.33	1/2	4,655.90	1/2	4,473.47
5/8	6,123.70	5/8	5,939.47	5/8	5,755.24	5/8	5,571.02	5/8	5,386.79	5/8	5,202.56	5/8	5,018.33	5/8	4,834.53	5/8	4,652.10	5/8	4,469.67
3/4	6,119.86	3/4	5,935.63	3/4	5,751.41	3/4	5,567.18	3/4	5,382.95	3/4	5,198.72	3/4	5,014.49	3/4	4,830.73	3/4	4,648.30	3/4	4,465.87
7/8	6,116.03	7/8	5,931.80	7/8	5,747.57	7/8	5,563.34	7/8	5,379.11	7/8	5,194.88	7/8	5,010.65	7/8	4,826.93	7/8	4,644.50	7/8	4,462.07
5	6,112.19	11	5,927.96	5	5,743.73	11	5,559.50	5	5,375.27	11	5,191.04	5	5,006.81	11	4,823.13	5	4,640.70	11	4,458.27
1/8	6,108.35	1/8	5,924.12	1/8	5,739.89	1/8	5,555.66	1/8	5,371.43	1/8	5,187.21	1/8	5,002.98	1/8	4,819.32	1/8	4,636.90	1/8	4,454.47
1/4	6,104.51	1/4	5,920.28	1/4	5,736.05	1/4	5,551.82	1/4	5,367.60	1/4	5,183.37	1/4	4,999.14	1/4	4,815.52	1/4	4,633.10	1/4	4,450.67
3/8	6,100.67	3/8	5,916.44	3/8	5,732.22	3/8	5,547.99	3/8	5,363.76	3/8	5,179.53	3/8	4,995.30	3/8	4,811.72	3/8	4,629.29	3/8	4,446.87
1/2	6,096.83	1/2	5,912.61	1/2	5,728.38	1/2	5,544.15	1/2	5,359.92	1/2	5,175.69	1/2	4,991.46	1/2	4,807.92	1/2	4,625.49	1/2	4,443.07
5/8	6,093.00	5/8	5,908.77	5/8	5,724.54	5/8	5,540.31	5/8	5,356.08	5/8	5,171.85	5/8	4,987.62	5/8	4,804.12	5/8	4,621.69	5/8	4,439.26
3/4	6,089.16	3/4	5,904.93	3/4	5,720.70	3/4	5,536.47	3/4	5,352.24	3/4	5,168.01	3/4	4,983.79	3/4	4,800.32	3/4	4,617.89	3/4	4,435.46
7/8	6,085.32	7/8	5,901.09	7/8	5,716.86	7/8	5,532.63	7/8	5,348.41	7/8	5,164.18	7/8	4,979.95	7/8	4,796.52	7/8	4,614.09	7/8	4,431.66

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	4,427.86	6	4,245.43	0	4,063.01	6	3,880.58	0	3,698.15	6	3,515.72	0	3,334.66	6	3,154.48	0	2,973.65	6	2,789.80
1/8	4,424.06	1/8	4,241.63	1/8	4,059.20	1/8	3,876.78	1/8	3,694.35	1/8	3,511.92	1/8	3,330.91	1/8	3,150.72	1/8	2,969.82	1/8	2,785.96
1/4	4,420.26	1/4	4,237.83	1/4	4,055.40	1/4	3,872.98	1/4	3,690.55	1/4	3,508.12	1/4	3,327.15	1/4	3,146.97	1/4	2,965.99	1/4	2,782.13
3/8	4,416.46	3/8	4,234.03	3/8	4,051.60	3/8	3,869.17	3/8	3,686.75	3/8	3,504.32	3/8	3,323.40	3/8	3,143.22	3/8	2,962.16	3/8	2,778.30
1/2	4,412.66	1/2	4,230.23	1/2	4,047.80	1/2	3,865.37	1/2	3,682.95	1/2	3,500.52	1/2	3,319.64	1/2	3,139.46	1/2	2,958.33	1/2	2,774.47
5/8	4,408.86	5/8	4,226.43	5/8	4,044.00	5/8	3,861.57	5/8	3,679.14	5/8	3,496.72	5/8	3,315.89	5/8	3,135.71	5/8	2,954.50	5/8	2,770.64
3/4	4,405.06	3/4	4,222.63	3/4	4,040.20	3/4	3,857.77	3/4	3,675.34	3/4	3,492.92	3/4	3,312.14	3/4	3,131.95	3/4	2,950.67	3/4	2,766.81
7/8	4,401.26	7/8	4,218.83	7/8	4,036.40	7/8	3,853.97	7/8	3,671.54	7/8	3,489.11	7/8	3,308.38	7/8	3,128.20	7/8	2,946.84	7/8	2,762.98
1	4,397.46	7	4,215.03	1	4,032.60	7	3,850.17	1	3,667.74	7	3,485.31	1	3,304.63	7	3,124.45	1	2,943.01	7	2,759.15
1/8	4,393.66	1/8	4,211.23	1/8	4,028.80	1/8	3,846.37	1/8	3,663.94	1/8	3,481.51	1/8	3,300.88	1/8	3,120.69	1/8	2,939.18	1/8	2,755.32
1/4	4,389.86	1/4	4,207.43	1/4	4,025.00	1/4	3,842.57	1/4	3,660.14	1/4	3,477.71	1/4	3,297.12	1/4	3,116.94	1/4	2,935.35	1/4	2,751.49
3/8	4,386.06	3/8	4,203.63	3/8	4,021.20	3/8	3,838.77	3/8	3,656.34	3/8	3,473.91	3/8	3,293.37	3/8	3,113.19	3/8	2,931.52	3/8	2,747.66
1/2	4,382.26	1/2	4,199.83	1/2	4,017.40	1/2	3,834.97	1/2	3,652.54	1/2	3,470.11	1/2	3,289.61	1/2	3,109.43	1/2	2,927.69	1/2	2,743.83
5/8	4,378.46	5/8	4,196.03	5/8	4,013.60	5/8	3,831.17	5/8	3,648.74	5/8	3,466.31	5/8	3,285.86	5/8	3,105.68	5/8	2,923.86	5/8	2,740.00
3/4	4,374.65	3/4	4,192.23	3/4	4,009.80	3/4	3,827.37	3/4	3,644.94	3/4	3,462.53	3/4	3,282.11	3/4	3,101.93	3/4	2,920.03	3/4	2,736.17
7/8	4,370.85	7/8	4,188.43	7/8	4,006.00	7/8	3,823.57	7/8	3,641.14	7/8	3,458.74	7/8	3,278.35	7/8	3,098.17	7/8	2,916.20	7/8	2,732.34
2	4,367.05	8	4,184.62	2	4,002.20	8	3,819.77	2	3,637.34	8	3,454.96	2	3,274.60	8	3,094.42	2	2,912.37	8	2,728.51
1/8	4,363.25	1/8	4,180.82	1/8	3,998.40	1/8	3,815.97	1/8	3,633.54	1/8	3,451.17	1/8	3,270.85	1/8	3,090.67	1/8	2,908.54	1/8	2,724.68
1/4	4,359.45	1/4	4,177.02	1/4	3,994.59	1/4	3,812.17	1/4	3,629.74	1/4	3,447.39	1/4	3,267.09	1/4	3,086.92	1/4	2,904.71	1/4	2,720.85
3/8	4,355.65	3/8	4,173.22	3/8	3,990.79	3/8	3,808.37	3/8	3,625.94	3/8	3,443.60	3/8	3,263.34	3/8	3,083.16	3/8	2,900.88	3/8	2,717.02
1/2	4,351.85	1/2	4,169.42	1/2	3,986.99	1/2	3,804.56	1/2	3,622.14	1/2	3,439.82	1/2	3,259.58	1/2	3,079.41	1/2	2,897.05	1/2	2,713.19
5/8	4,348.05	5/8	4,165.62	5/8	3,983.19	5/8	3,800.76	5/8	3,618.34	5/8	3,436.03	5/8	3,255.83	5/8	3,075.66	5/8	2,893.22	5/8	2,709.36
3/4	4,344.25	3/4	4,161.82	3/4	3,979.39	3/4	3,796.96	3/4	3,614.53	3/4	3,432.28	3/4	3,252.08	3/4	3,071.91	3/4	2,889.39	3/4	2,705.53
7/8	4,340.45	7/8	4,158.02	7/8	3,975.59	7/8	3,793.16	7/8	3,610.73	7/8	3,428.52	7/8	3,248.32	7/8	3,068.16	7/8	2,885.56	7/8	2,701.70
3	4,336.65	9	4,154.22	3	3,971.79	9	3,789.36	3	3,606.93	9	3,424.76	3	3,244.57	9	3,064.41	3	2,881.72	9	2,697.87
1/8	4,332.85	1/8	4,150.42	1/8	3,967.99	1/8	3,785.56	1/8	3,603.13	1/8	3,421.01	1/8	3,240.82	1/8	3,060.67	1/8	2,877.89	1/8	2,694.04
1/4	4,329.05	1/4	4,146.62	1/4	3,964.19	1/4	3,781.76	1/4	3,599.33	1/4	3,417.25	1/4	3,237.06	1/4	3,056.92	1/4	2,874.06	1/4	2,690.20
3/8	4,325.25	3/8	4,142.82	3/8	3,960.39	3/8	3,777.96	3/8	3,595.53	3/8	3,413.49	3/8	3,233.31	3/8	3,053.17	3/8	2,870.23	3/8	2,686.37
1/2	4,321.45	1/2	4,139.02	1/2	3,956.59	1/2	3,774.16	1/2	3,591.73	1/2	3,409.74	1/2	3,229.55	1/2	3,049.42	1/2	2,866.40	1/2	2,682.54
5/8	4,317.65	5/8	4,135.22	5/8	3,952.79	5/8	3,770.36	5/8	3,587.93	5/8	3,405.98	5/8	3,225.80	5/8	3,045.67	5/8	2,862.57	5/8	2,678.71
3/4	4,313.84	3/4	4,131.42	3/4	3,948.99	3/4	3,766.56	3/4	3,584.13	3/4	3,402.23	3/4	3,222.05	3/4	3,041.91	3/4	2,858.74	3/4	2,674.88
7/8	4,310.04	7/8	4,127.62	7/8	3,945.19	7/8	3,762.76	7/8	3,580.33	7/8	3,398.47	7/8	3,218.29	7/8	3,038.15	7/8	2,854.91	7/8	2,671.05
4	4,306.24	10	4,123.81	4	3,941.39	10	3,758.96	4	3,576.53	10	3,394.72	4	3,214.54	10	3,034.39	4	2,851.08	10	2,667.22
1/8	4,302.44	1/8	4,120.01	1/8	3,937.59	1/8	3,755.16	1/8	3,572.73	1/8	3,390.97	1/8	3,210.78	1/8	3,030.63	1/8	2,847.25	1/8	2,663.39
1/4	4,298.64	1/4	4,116.21	1/4	3,933.78	1/4	3,751.36	1/4	3,568.93	1/4	3,387.21	1/4	3,207.03	1/4	3,026.86	1/4	2,843.42	1/4	2,659.56
3/8	4,294.84	3/8	4,112.41	3/8	3,929.98	3/8	3,747.56	3/8	3,565.13	3/8	3,383.46	3/8	3,203.28	3/8	3,023.10	3/8	2,839.59	3/8	2,655.73
1/2	4,291.04	1/2	4,108.61	1/2	3,926.18	1/2	3,743.75	1/2	3,561.33	1/2	3,379.71	1/2	3,199.52	1/2	3,019.34	1/2	2,835.76	1/2	2,651.90
5/8	4,287.24	5/8	4,104.81	5/8	3,922.38	5/8	3,739.95	5/8	3,557.53	5/8	3,375.95	5/8	3,195.77	5/8	3,015.58	5/8	2,831.93	5/8	2,648.07
3/4	4,283.44	3/4	4,101.01	3/4	3,918.58	3/4	3,736.15	3/4	3,553.72	3/4	3,372.20	3/4	3,192.02	3/4	3,011.77	3/4	2,828.10	3/4	2,644.24
7/8	4,279.64	7/8	4,097.21	7/8	3,914.78	7/8	3,732.35	7/8	3,549.92	7/8	3,368.44	7/8	3,188.26	7/8	3,007.97	7/8	2,824.27	7/8	2,640.41
5	4,275.84	11	4,093.41	5	3,910.98	11	3,728.55	5	3,546.12	11	3,364.69	5	3,184.51	11	3,004.17	5	2,820.44	11	2,636.58
1/8	4,272.04	1/8	4,089.61	1/8	3,907.18	1/8	3,724.75	1/8	3,542.32	1/8	3,360.94	1/8	3,180.75	1/8	3,000.36	1/8	2,816.61	1/8	2,632.75
1/4	4,268.24	1/4	4,085.81	1/4	3,903.38	1/4	3,720.95	1/4	3,538.52	1/4	3,357.18	1/4	3,177.00	1/4	2,996.56	1/4	2,812.78	1/4	2,628.92
3/8	4,264.44	3/8	4,082.01	3/8	3,899.58	3/8	3,717.15	3/8	3,534.72	3/8	3,353.43	3/8	3,173.25	3/8	2,992.75	3/8	2,808.95	3/8	2,625.09
1/2	4,260.64	1/2	4,078.21	1/2	3,895.78	1/2	3,713.35	1/2	3,530.92	1/2	3,349.68	1/2	3,169.49	1/2	2,988.95	1/2	2,805.12	1/2	2,621.26
5/8	4,256.84	5/8	4,074.41	5/8	3,891.98	5/8	3,709.55	5/8	3,527.12	5/8	3,345.92	5/8	3,165.74	5/8	2,985.15	5/8	2,801.29	5/8	2,617.43
3/4	4,253.04	3/4	4,070.61	3/4	3,888.18	3/4	3,705.75	3/4	3,523.32	3/4	3,342.17	3/4	3,161.99	3/4	2,981.32	3/4	2,797.46	3/4	2,613.60
7/8	4,249.23	7/8	4,066.81	7/8	3,884.38	7/8	3,701.95	7/8	3,519.52	7/8	3,338.41	7/8	3,158.23	7/8	2,977.48	7/8	2,793.63	7/8	2,609.77

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,605.94	6	2,422.08	0	2,238.22	6	2,054.36	0	1,870.50	6	1,686.64	0	1,508.73	6	1,334.30	0	1,157.14	6	980.56
1/8	2,602.11	1/8	2,418.25	1/8	2,234.39	1/8	2,050.53	1/8	1,866.67	1/8	1,682.81	1/8	1,505.10	1/8	1,330.67	1/8	1,153.46	1/8	976.88
1/4	2,598.28	1/4	2,414.42	1/4	2,230.56	1/4	2,046.70	1/4	1,862.84	1/4	1,678.98	1/4	1,501.47	1/4	1,327.03	1/4	1,149.78	1/4	973.20
3/8	2,594.44	3/8	2,410.59	3/8	2,226.73	3/8	2,042.87	3/8	1,859.01	3/8	1,675.15	3/8	1,497.83	3/8	1,323.40	3/8	1,146.10	3/8	969.53
1/2	2,590.61	1/2	2,406.76	1/2	2,222.90	1/2	2,039.04	1/2	1,855.18	1/2	1,671.32	1/2	1,494.20	1/2	1,319.76	1/2	1,142.43	1/2	965.85
5/8	2,586.78	5/8	2,402.92	5/8	2,219.07	5/8	2,035.21	5/8	1,851.35	5/8	1,667.49	5/8	1,490.57	5/8	1,316.13	5/8	1,138.75	5/8	962.17
3/4	2,582.95	3/4	2,399.09	3/4	2,215.24	3/4	2,031.38	3/4	1,847.52	3/4	1,663.66	3/4	1,486.94	3/4	1,312.49	3/4	1,135.07	3/4	958.49
7/8	2,579.12	7/8	2,395.26	7/8	2,211.40	7/8	2,027.55	7/8	1,843.69	7/8	1,659.83	7/8	1,483.31	7/8	1,308.86	7/8	1,131.39	7/8	954.81
1	2,575.29	7	2,391.43	1	2,207.57	7	2,023.72	1	1,839.86	7	1,656.00	1	1,479.68	7	1,305.22	1	1,127.71	7	951.13
1/8	2,571.46	1/8	2,387.60	1/8	2,203.74	1/8	2,019.88	1/8	1,836.03	1/8	1,652.17	1/8	1,476.04	1/8	1,301.59	1/8	1,124.03	1/8	947.45
1/4	2,567.63	1/4	2,383.77	1/4	2,199.91	1/4	2,016.05	1/4	1,832.20	1/4	1,648.34	1/4	1,472.41	1/4	1,297.95	1/4	1,120.35	1/4	943.78
3/8	2,563.80	3/8	2,379.94	3/8	2,196.08	3/8	2,012.22	3/8	1,828.36	3/8	1,644.51	3/8	1,468.78	3/8	1,294.32	3/8	1,116.67	3/8	940.10
1/2	2,559.97	1/2	2,376.11	1/2	2,192.25	1/2	2,008.39	1/2	1,824.53	1/2	1,640.68	1/2	1,465.15	1/2	1,290.68	1/2	1,113.00	1/2	936.42
5/8	2,556.14	5/8	2,372.28	5/8	2,188.42	5/8	2,004.56	5/8	1,820.70	5/8	1,636.84	5/8	1,461.52	5/8	1,287.05	5/8	1,109.32	5/8	932.74
3/4	2,552.31	3/4	2,368.45	3/4	2,184.59	3/4	2,000.73	3/4	1,816.87	3/4	1,633.09	3/4	1,457.88	3/4	1,283.34	3/4	1,105.64	3/4	929.06
7/8	2,548.48	7/8	2,364.62	7/8	2,180.76	7/8	1,996.90	7/8	1,813.04	7/8	1,629.33	7/8	1,454.25	7/8	1,279.63	7/8	1,101.96	7/8	925.38
2	2,544.65	8	2,360.79	2	2,176.93	8	1,993.07	2	1,809.21	8	1,625.57	2	1,450.62	8	1,275.92	2	1,098.28	8	921.70
1/8	2,540.82	1/8	2,356.96	1/8	2,173.10	1/8	1,989.24	1/8	1,805.38	1/8	1,621.82	1/8	1,446.98	1/8	1,272.21	1/8	1,094.60	1/8	918.02
1/4	2,536.99	1/4	2,353.13	1/4	2,169.27	1/4	1,985.41	1/4	1,801.55	1/4	1,618.06	1/4	1,443.35	1/4	1,268.50	1/4	1,090.92	1/4	914.35
3/8	2,533.16	3/8	2,349.30	3/8	2,165.44	3/8	1,981.58	3/8	1,797.72	3/8	1,614.31	3/8	1,439.72	3/8	1,264.79	3/8	1,087.24	3/8	910.67
1/2	2,529.33	1/2	2,345.47	1/2	2,161.61	1/2	1,977.75	1/2	1,793.89	1/2	1,610.55	1/2	1,436.09	1/2	1,261.08	1/2	1,083.57	1/2	906.99
5/8	2,525.50	5/8	2,341.64	5/8	2,157.78	5/8	1,973.92	5/8	1,790.06	5/8	1,606.79	5/8	1,432.45	5/8	1,257.38	5/8	1,079.89	5/8	903.31
3/4	2,521.67	3/4	2,337.81	3/4	2,153.95	3/4	1,970.09	3/4	1,786.23	3/4	1,603.16	3/4	1,428.82	3/4	1,253.59	3/4	1,076.21	3/4	899.63
7/8	2,517.84	7/8	2,333.98	7/8	2,150.12	7/8	1,966.26	7/8	1,782.40	7/8	1,599.53	7/8	1,425.18	7/8	1,249.81	7/8	1,072.53	7/8	895.95
3	2,514.01	9	2,330.15	3	2,146.29	9	1,962.43	3	1,778.57	9	1,595.90	3	1,421.55	9	1,246.03	3	1,068.85	9	892.27
1/8	2,510.18	1/8	2,326.32	1/8	2,142.46	1/8	1,958.60	1/8	1,774.74	1/8	1,592.26	1/8	1,417.91	1/8	1,242.25	1/8	1,065.17	1/8	888.59
1/4	2,506.35	1/4	2,322.49	1/4	2,138.63	1/4	1,954.77	1/4	1,770.91	1/4	1,588.63	1/4	1,414.28	1/4	1,238.46	1/4	1,061.49	1/4	884.92
3/8	2,502.52	3/8	2,318.66	3/8	2,134.80	3/8	1,950.94	3/8	1,767.08	3/8	1,585.00	3/8	1,410.64	3/8	1,234.68	3/8	1,057.81	3/8	881.24
1/2	2,498.68	1/2	2,314.83	1/2	2,130.97	1/2	1,947.11	1/2	1,763.25	1/2	1,581.37	1/2	1,407.01	1/2	1,230.90	1/2	1,054.14	1/2	877.56
5/8	2,494.85	5/8	2,311.00	5/8	2,127.14	5/8	1,943.28	5/8	1,759.42	5/8	1,577.74	5/8	1,403.37	5/8	1,227.12	5/8	1,050.46	5/8	873.88
3/4	2,491.02	3/4	2,307.16	3/4	2,123.31	3/4	1,939.45	3/4	1,755.59	3/4	1,574.10	3/4	1,399.74	3/4	1,223.43	3/4	1,046.78	3/4	870.20
7/8	2,487.19	7/8	2,303.33	7/8	2,119.48	7/8	1,935.62	7/8	1,751.76	7/8	1,570.47	7/8	1,396.10	7/8	1,219.74	7/8	1,043.10	7/8	866.52
4	2,483.36	10	2,299.50	4	2,115.64	10	1,931.79	4	1,747.93	10	1,566.84	4	1,392.47	10	1,216.05	4	1,039.42	10	862.84
1/8	2,479.53	1/8	2,295.67	1/8	2,111.81	1/8	1,927.96	1/8	1,744.10	1/8	1,563.21	1/8	1,388.83	1/8	1,212.36	1/8	1,035.74	1/8	859.17
1/4	2,475.70	1/4	2,291.84	1/4	2,107.98	1/4	1,924.12	1/4	1,740.27	1/4	1,559.58	1/4	1,385.20	1/4	1,208.67	1/4	1,032.06	1/4	855.49
3/8	2,471.87	3/8	2,288.01	3/8	2,104.15	3/8	1,920.29	3/8	1,736.44	3/8	1,555.95	3/8	1,381.56	3/8	1,204.98	3/8	1,028.39	3/8	851.81
1/2	2,468.04	1/2	2,284.18	1/2	2,100.32	1/2	1,916.46	1/2	1,732.60	1/2	1,552.31	1/2	1,377.93	1/2	1,201.29	1/2	1,024.71	1/2	848.13
5/8	2,464.21	5/8	2,280.35	5/8	2,096.49	5/8	1,912.63	5/8	1,728.77	5/8	1,548.68	5/8	1,374.29	5/8	1,197.61	5/8	1,021.03	5/8	844.45
3/4	2,460.38	3/4	2,276.52	3/4	2,092.66	3/4	1,908.80	3/4	1,724.94	3/4	1,545.05	3/4	1,370.66	3/4	1,193.93	3/4	1,017.35	3/4	840.77
7/8	2,456.55	7/8	2,272.69	7/8	2,088.83	7/8	1,904.97	7/8	1,721.11	7/8	1,541.42	7/8	1,367.02	7/8	1,190.25	7/8	1,013.67	7/8	837.09
5	2,452.72	11	2,268.86	5	2,085.00	11	1,901.14	5	1,717.28	11	1,537.79	5	1,363.38	11	1,186.57	5	1,009.99	11	833.41
1/8	2,448.89	1/8	2,265.03	1/8	2,081.17	1/8	1,897.31	1/8	1,713.45	1/8	1,534.15	1/8	1,359.75	1/8	1,182.89	1/8	1,006.31	1/8	829.74
1/4	2,445.06	1/4	2,261.20	1/4	2,077.34	1/4	1,893.48	1/4	1,709.62	1/4	1,530.52	1/4	1,356.11	1/4	1,179.21	1/4	1,002.63	1/4	826.06
3/8	2,441.23	3/8	2,257.37	3/8	2,073.51	3/8	1,889.65	3/8	1,705.79	3/8	1,526.89	3/8	1,352.48	3/8	1,175.53	3/8	998.96	3/8	822.38
1/2	2,437.40	1/2	2,253.54	1/2	2,069.68	1/2	1,885.82	1/2	1,701.96	1/2	1,523.26	1/2	1,348.84	1/2	1,171.85	1/2	995.28	1/2	818.70
5/8	2,433.57	5/8	2,249.71	5/8	2,065.85	5/8	1,881.99	5/8	1,698.13	5/8	1,519.63	5/8	1,345.21	5/8	1,168.18	5/8	991.60	5/8	815.02
3/4	2,429.74	3/4	2,245.88	3/4	2,062.02	3/4	1,878.16	3/4	1,694.30	3/4	1,515.99	3/4	1,341.57	3/4	1,164.50	3/4	987.92	3/4	811.34
7/8	2,425.91	7/8	2,242.05	7/8	2,058.19	7/8	1,874.33	7/8	1,690.47	7/8	1,512.36	7/8	1,337.94	7/8	1,160.82	7/8	984.24	7/8	807.65

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

4 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	803.97	6	621.39	0	437.37	6	253.49	0	72.44
1/8	800.28	1/8	617.55	1/8	433.54	1/8	249.67	1/8	69.17
1/4	796.60	1/4	613.72	1/4	429.70	1/4	245.85	1/4	65.89
3/8	792.91	3/8	609.89	3/8	425.87	3/8	242.02	3/8	62.62
1/2	789.23	1/2	606.05	1/2	422.04	1/2	238.20	1/2	59.34
5/8	785.54	5/8	602.22	5/8	418.20	5/8	234.38	5/8	56.06
3/4	781.79	3/4	598.39	3/4	414.37	3/4	230.55	3/4	53.43
7/8	778.05	7/8	594.55	7/8	410.53	7/8	226.73	7/8	50.79
1	774.30	7	590.72	1	406.70	7	222.91	1	48.16
1/8	770.55	1/8	586.89	1/8	402.87	1/8	219.08	1/8	45.52
1/4	766.81	1/4	583.05	1/4	399.03	1/4	215.26	1/4	42.88
3/8	763.06	3/8	579.22	3/8	395.20	3/8	211.44	3/8	40.25
1/2	759.31	1/2	575.38	1/2	391.37	1/2	207.61	1/2	37.61
5/8	755.57	5/8	571.55	5/8	387.53	5/8	203.79	5/8	34.98
3/4	751.73	3/4	567.72	3/4	383.70	3/4	199.96		
7/8	747.90	7/8	563.88	7/8	379.87	7/8	196.14		
2	744.07	8	560.05	2	376.03	8	192.32		
1/8	740.23	1/8	556.22	1/8	372.20	1/8	188.49		
1/4	736.40	1/4	552.38	1/4	368.36	1/4	184.67		
3/8	732.57	3/8	548.55	3/8	364.53	3/8	180.85		
1/2	728.73	1/2	544.71	1/2	360.70	1/2	177.02		
5/8	724.90	5/8	540.88	5/8	356.86	5/8	173.20		
3/4	721.06	3/4	537.05	3/4	353.03	3/4	169.38		
7/8	717.23	7/8	533.21	7/8	349.20	7/8	165.55		
3	713.40	9	529.38	3	345.36	9	161.73		
1/8	709.56	1/8	525.55	1/8	341.53	1/8	157.90		
1/4	705.73	1/4	521.71	1/4	337.69	1/4	154.08		
3/8	701.90	3/8	517.88	3/8	333.86	3/8	150.26		
1/2	698.06	1/2	514.04	1/2	330.03	1/2	146.43		
5/8	694.23	5/8	510.21	5/8	326.19	5/8	142.61		
3/4	690.40	3/4	506.38	3/4	322.36	3/4	138.78		
7/8	686.56	7/8	502.54	7/8	318.53	7/8	134.96		
4	682.73	10	498.71	4	314.70	10	131.13		
1/8	678.89	1/8	494.88	1/8	310.87	1/8	127.30		
1/4	675.06	1/4	491.04	1/4	307.04	1/4	123.47		
3/8	671.23	3/8	487.21	3/8	303.21	3/8	119.65		
1/2	667.39	1/2	483.38	1/2	299.38	1/2	115.82		
5/8	663.56	5/8	479.54	5/8	295.55	5/8	111.99		
3/4	659.73	3/4	475.71	3/4	291.73	3/4	108.28		
7/8	655.89	7/8	471.87	7/8	287.91	7/8	104.56		
5	652.06	11	468.04	5	284.08	11	100.85		
1/8	648.22	1/8	464.21	1/8	280.26	1/8	97.13		
1/4	644.39	1/4	460.37	1/4	276.44	1/4	93.42		
3/8	640.56	3/8	456.54	3/8	272.61	3/8	89.70		
1/2	636.72	1/2	452.71	1/2	268.79	1/2	85.99		
5/8	632.89	5/8	448.87	5/8	264.97	5/8	82.27		
3/4	629.06	3/4	445.04	3/4	261.14	3/4	79.00		
7/8	625.22	7/8	441.20	7/8	257.32	7/8	75.72		

GAUGE LOCATED 29'-7 1/2" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6		0		6		0		6		0		6		0		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	
1		7		1		7		1		7		1		7		1		7	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,876.96
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,875.41
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,873.86
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,872.31
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,870.76
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,868.93
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,867.09
2		8		2		8		2		8		2		8		2		8	11,865.26
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,863.42
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,861.59
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,859.75
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,857.92
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,856.09
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,853.97
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,851.85
3		9		3		9		3		9		3		9		3		9	11,849.73
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,847.61
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,845.49
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,843.38
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,841.26
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,839.14
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,836.74
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,834.34
4		10		4		10		4		10		4		10		4		10	11,831.93
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,829.53
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,827.13
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,824.73
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,822.33
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,819.92
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,817.24
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,814.55
5		11		5		11		5		11		5		11		5		11	11,811.87
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	11,809.18
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	11,806.50
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	11,803.81
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	11,801.13
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	11,798.44
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	11,795.47
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	11,792.50

GAUGE LOCATED 40'-7 3/4" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	11,789.53	6	11,617.44	0	11,433.49	6	11,249.55	0	11,065.61	6	10,881.67	0	10,697.73	6	10,513.79	0	10,329.85	6	10,145.91
1/8	11,786.56	1/8	11,613.60	1/8	11,429.66	1/8	11,245.72	1/8	11,061.78	1/8	10,877.84	1/8	10,693.90	1/8	10,509.96	1/8	10,326.02	1/8	10,142.08
1/4	11,783.59	1/4	11,609.77	1/4	11,425.83	1/4	11,241.89	1/4	11,057.95	1/4	10,874.01	1/4	10,690.07	1/4	10,506.13	1/4	10,322.19	1/4	10,138.24
3/8	11,780.62	3/8	11,605.94	3/8	11,422.00	3/8	11,238.06	3/8	11,054.12	3/8	10,870.18	3/8	10,686.24	3/8	10,502.29	3/8	10,318.35	3/8	10,134.41
1/2	11,777.65	1/2	11,602.11	1/2	11,418.17	1/2	11,234.23	1/2	11,050.28	1/2	10,866.34	1/2	10,682.40	1/2	10,498.46	1/2	10,314.52	1/2	10,130.58
5/8	11,774.68	5/8	11,598.27	5/8	11,414.33	5/8	11,230.39	5/8	11,046.45	5/8	10,862.51	5/8	10,678.57	5/8	10,494.63	5/8	10,310.69	5/8	10,126.75
3/4	11,771.43	3/4	11,594.44	3/4	11,410.50	3/4	11,226.56	3/4	11,042.62	3/4	10,858.68	3/4	10,674.74	3/4	10,490.80	3/4	10,306.86	3/4	10,122.92
7/8	11,768.18	7/8	11,590.61	7/8	11,406.67	7/8	11,222.73	7/8	11,038.79	7/8	10,854.85	7/8	10,670.91	7/8	10,486.97	7/8	10,303.03	7/8	10,119.08
1	11,764.93	7	11,586.78	1	11,402.84	7	11,218.90	1	11,034.96	7	10,851.02	1	10,667.07	7	10,483.13	1	10,299.19	7	10,115.25
1/8	11,761.67	1/8	11,582.95	1/8	11,399.01	1/8	11,215.06	1/8	11,031.12	1/8	10,847.18	1/8	10,663.24	1/8	10,479.30	1/8	10,295.36	1/8	10,111.42
1/4	11,758.42	1/4	11,579.11	1/4	11,395.17	1/4	11,211.23	1/4	11,027.29	1/4	10,843.35	1/4	10,659.41	1/4	10,475.47	1/4	10,291.53	1/4	10,107.59
3/8	11,755.17	3/8	11,575.28	3/8	11,391.34	3/8	11,207.40	3/8	11,023.46	3/8	10,839.52	3/8	10,655.58	3/8	10,471.64	3/8	10,287.70	3/8	10,103.76
1/2	11,751.91	1/2	11,571.45	1/2	11,387.51	1/2	11,203.57	1/2	11,019.63	1/2	10,835.69	1/2	10,651.75	1/2	10,467.81	1/2	10,283.86	1/2	10,099.92
5/8	11,748.66	5/8	11,567.62	5/8	11,383.68	5/8	11,199.74	5/8	11,015.80	5/8	10,831.85	5/8	10,647.91	5/8	10,463.97	5/8	10,280.03	5/8	10,096.09
3/4	11,745.12	3/4	11,563.79	3/4	11,379.85	3/4	11,195.90	3/4	11,011.96	3/4	10,828.02	3/4	10,644.08	3/4	10,460.14	3/4	10,276.20	3/4	10,092.26
7/8	11,741.59	7/8	11,559.95	7/8	11,376.01	7/8	11,192.07	7/8	11,008.13	7/8	10,824.19	7/8	10,640.25	7/8	10,456.31	7/8	10,272.37	7/8	10,088.43
2	11,738.05	8	11,556.12	2	11,372.18	8	11,188.24	2	11,004.30	8	10,820.36	2	10,636.42	8	10,452.48	2	10,268.54	8	10,084.60
1/8	11,734.52	1/8	11,552.29	1/8	11,368.35	1/8	11,184.41	1/8	11,000.47	1/8	10,816.53	1/8	10,632.59	1/8	10,448.64	1/8	10,264.70	1/8	10,080.76
1/4	11,730.98	1/4	11,548.46	1/4	11,364.52	1/4	11,180.58	1/4	10,996.64	1/4	10,812.69	1/4	10,628.75	1/4	10,444.81	1/4	10,260.87	1/4	10,076.93
3/8	11,727.45	3/8	11,544.63	3/8	11,360.68	3/8	11,176.74	3/8	10,992.80	3/8	10,808.86	3/8	10,624.92	3/8	10,440.98	3/8	10,257.04	3/8	10,073.10
1/2	11,723.91	1/2	11,540.79	1/2	11,356.85	1/2	11,172.91	1/2	10,988.97	1/2	10,805.03	1/2	10,621.09	1/2	10,437.15	1/2	10,253.21	1/2	10,069.27
5/8	11,720.37	5/8	11,536.96	5/8	11,353.02	5/8	11,169.08	5/8	10,985.14	5/8	10,801.20	5/8	10,617.26	5/8	10,433.32	5/8	10,249.38	5/8	10,065.43
3/4	11,716.61	3/4	11,533.13	3/4	11,349.19	3/4	11,165.25	3/4	10,981.31	3/4	10,797.37	3/4	10,613.43	3/4	10,429.48	3/4	10,245.54	3/4	10,061.60
7/8	11,712.84	7/8	11,529.30	7/8	11,345.36	7/8	11,161.42	7/8	10,977.47	7/8	10,793.53	7/8	10,609.59	7/8	10,425.65	7/8	10,241.71	7/8	10,057.77
3	11,709.08	9	11,525.46	3	11,341.52	9	11,157.58	3	10,973.64	9	10,789.70	3	10,605.76	9	10,421.82	3	10,237.88	9	10,053.94
1/8	11,705.31	1/8	11,521.63	1/8	11,337.69	1/8	11,153.75	1/8	10,969.81	1/8	10,785.87	1/8	10,601.93	1/8	10,417.99	1/8	10,234.05	1/8	10,050.11
1/4	11,701.54	1/4	11,517.80	1/4	11,333.86	1/4	11,149.92	1/4	10,965.98	1/4	10,782.04	1/4	10,598.10	1/4	10,414.16	1/4	10,230.22	1/4	10,046.27
3/8	11,697.78	3/8	11,513.97	3/8	11,330.03	3/8	11,146.09	3/8	10,962.15	3/8	10,778.21	3/8	10,594.26	3/8	10,410.32	3/8	10,226.38	3/8	10,042.44
1/2	11,694.01	1/2	11,510.14	1/2	11,326.20	1/2	11,142.25	1/2	10,958.31	1/2	10,774.37	1/2	10,590.43	1/2	10,406.49	1/2	10,222.55	1/2	10,038.61
5/8	11,690.25	5/8	11,506.30	5/8	11,322.36	5/8	11,138.42	5/8	10,954.48	5/8	10,770.54	5/8	10,586.60	5/8	10,402.66	5/8	10,218.72	5/8	10,034.78
3/4	11,686.41	3/4	11,502.47	3/4	11,318.53	3/4	11,134.59	3/4	10,950.65	3/4	10,766.71	3/4	10,582.77	3/4	10,398.83	3/4	10,214.89	3/4	10,030.95
7/8	11,682.58	7/8	11,498.64	7/8	11,314.70	7/8	11,130.76	7/8	10,946.82	7/8	10,762.88	7/8	10,578.94	7/8	10,395.00	7/8	10,211.05	7/8	10,027.11
4	11,678.75	10	11,494.81	4	11,310.87	10	11,126.93	4	10,942.99	10	10,759.04	4	10,575.10	10	10,391.16	4	10,207.22	10	10,023.28
1/8	11,674.92	1/8	11,490.98	1/8	11,307.04	1/8	11,123.09	1/8	10,939.15	1/8	10,755.21	1/8	10,571.27	1/8	10,387.33	1/8	10,203.39	1/8	10,019.45
1/4	11,671.08	1/4	11,487.14	1/4	11,303.20	1/4	11,119.26	1/4	10,935.32	1/4	10,751.38	1/4	10,567.44	1/4	10,383.50	1/4	10,199.56	1/4	10,015.62
3/8	11,667.25	3/8	11,483.31	3/8	11,299.37	3/8	11,115.43	3/8	10,931.49	3/8	10,747.55	3/8	10,563.61	3/8	10,379.67	3/8	10,195.73	3/8	10,011.79
1/2	11,663.42	1/2	11,479.48	1/2	11,295.54	1/2	11,111.60	1/2	10,927.66	1/2	10,743.72	1/2	10,559.78	1/2	10,375.83	1/2	10,191.89	1/2	10,007.95
5/8	11,659.59	5/8	11,475.65	5/8	11,291.71	5/8	11,107.77	5/8	10,923.83	5/8	10,739.88	5/8	10,555.94	5/8	10,372.00	5/8	10,188.06	5/8	10,004.12
3/4	11,655.76	3/4	11,471.82	3/4	11,287.87	3/4	11,103.93	3/4	10,919.99	3/4	10,736.05	3/4	10,552.11	3/4	10,368.17	3/4	10,184.23	3/4	10,000.29
7/8	11,651.92	7/8	11,467.98	7/8	11,284.04	7/8	11,100.10	7/8	10,916.16	7/8	10,732.22	7/8	10,548.28	7/8	10,364.34	7/8	10,180.40	7/8	9,996.46
5	11,648.09	11	11,464.15	5	11,280.21	11	11,096.27	5	10,912.33	11	10,728.39	5	10,544.45	11	10,360.51	5	10,176.57	11	9,992.62
1/8	11,644.26	1/8	11,460.32	1/8	11,276.38	1/8	11,092.44	1/8	10,908.50	1/8	10,724.56	1/8	10,540.62	1/8	10,356.67	1/8	10,172.73	1/8	9,988.79
1/4	11,640.43	1/4	11,456.49	1/4	11,272.55	1/4	11,088.61	1/4	10,904.66	1/4	10,720.72	1/4	10,536.78	1/4	10,352.84	1/4	10,168.90	1/4	9,984.96
3/8	11,636.60	3/8	11,452.66	3/8	11,268.71	3/8	11,084.77	3/8	10,900.83	3/8	10,716.89	3/8	10,532.95	3/8	10,349.01	3/8	10,165.07	3/8	9,981.13
1/2	11,632.76	1/2	11,448.82	1/2	11,264.88	1/2	11,080.94	1/2	10,897.00	1/2	10,713.06	1/2	10,529.12	1/2	10,345.18	1/2	10,161.24	1/2	9,977.30
5/8	11,628.93	5/8	11,444.99	5/8	11,261.05	5/8	11,077.11	5/8	10,893.17	5/8	10,709.23	5/8	10,525.29	5/8	10,341.35	5/8	10,157.41	5/8	9,973.46
3/4	11,625.10	3/4	11,441.16	3/4	11,257.22	3/4	11,073.28	3/4	10,889.34	3/4	10,705.40	3/4	10,521.45	3/4	10,337.51	3/4	10,153.57	3/4	9,969.63
7/8	11,621.27	7/8	11,437.33	7/8	11,253.39	7/8	11,069.45	7/8	10,885.50	7/8	10,701.56	7/8	10,517.62	7/8	10,333.68	7/8	10,149.74	7/8	9,965.80

GAUGE LOCATED 40'-7 3/4" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	9,961.97	6	9,778.03	0	9,594.09	6	9,410.15	0	9,226.20	6	9,042.26	0	8,858.32	6	8,674.38	0	8,490.44	6	8,306.50
1/8	9,958.14	1/8	9,774.20	1/8	9,590.25	1/8	9,406.31	1/8	9,222.37	1/8	9,038.43	1/8	8,854.49	1/8	8,670.55	1/8	8,486.61	1/8	8,302.67
1/4	9,954.30	1/4	9,770.36	1/4	9,586.42	1/4	9,402.48	1/4	9,218.54	1/4	9,034.60	1/4	8,850.66	1/4	8,666.72	1/4	8,482.78	1/4	8,298.84
3/8	9,950.47	3/8	9,766.53	3/8	9,582.59	3/8	9,398.65	3/8	9,214.71	3/8	9,030.77	3/8	8,846.83	3/8	8,662.89	3/8	8,478.95	3/8	8,295.00
1/2	9,946.64	1/2	9,762.70	1/2	9,578.76	1/2	9,394.82	1/2	9,210.88	1/2	9,026.94	1/2	8,842.99	1/2	8,659.05	1/2	8,475.11	1/2	8,291.17
5/8	9,942.81	5/8	9,758.87	5/8	9,574.93	5/8	9,390.99	5/8	9,207.04	5/8	9,023.10	5/8	8,839.16	5/8	8,655.22	5/8	8,471.28	5/8	8,287.34
3/4	9,938.98	3/4	9,755.03	3/4	9,571.09	3/4	9,387.15	3/4	9,203.21	3/4	9,019.27	3/4	8,835.33	3/4	8,651.39	3/4	8,467.45	3/4	8,283.51
7/8	9,935.14	7/8	9,751.20	7/8	9,567.26	7/8	9,383.32	7/8	9,199.38	7/8	9,015.44	7/8	8,831.50	7/8	8,647.56	7/8	8,463.62	7/8	8,279.68
1	9,931.31	7	9,747.37	1	9,563.43	7	9,379.49	1	9,195.55	7	9,011.61	1	8,827.67	7	8,643.73	1	8,459.78	7	8,275.84
1/8	9,927.48	1/8	9,743.54	1/8	9,559.60	1/8	9,375.66	1/8	9,191.72	1/8	9,007.78	1/8	8,823.83	1/8	8,639.89	1/8	8,455.95	1/8	8,272.01
1/4	9,923.65	1/4	9,739.71	1/4	9,555.77	1/4	9,371.82	1/4	9,187.88	1/4	9,003.94	1/4	8,820.00	1/4	8,636.06	1/4	8,452.12	1/4	8,268.18
3/8	9,919.82	3/8	9,735.87	3/8	9,551.93	3/8	9,367.99	3/8	9,184.05	3/8	9,000.11	3/8	8,816.17	3/8	8,632.23	3/8	8,448.29	3/8	8,264.35
1/2	9,915.98	1/2	9,732.04	1/2	9,548.10	1/2	9,364.16	1/2	9,180.22	1/2	8,996.28	1/2	8,812.34	1/2	8,628.40	1/2	8,444.46	1/2	8,260.52
5/8	9,912.15	5/8	9,728.21	5/8	9,544.27	5/8	9,360.33	5/8	9,176.39	5/8	8,992.45	5/8	8,808.51	5/8	8,624.57	5/8	8,440.62	5/8	8,256.68
3/4	9,908.32	3/4	9,724.38	3/4	9,540.44	3/4	9,356.50	3/4	9,172.56	3/4	9,988.61	3/4	8,804.67	3/4	8,620.73	3/4	8,436.79	3/4	8,252.85
7/8	9,904.49	7/8	9,720.55	7/8	9,536.61	7/8	9,352.66	7/8	9,168.72	7/8	8,984.78	7/8	8,800.84	7/8	8,616.90	7/8	8,432.96	7/8	8,249.02
2	9,900.65	8	9,716.71	2	9,532.77	8	9,348.83	2	9,164.89	8	8,980.95	2	8,797.01	8	8,613.07	2	8,429.13	8	8,245.19
1/8	9,896.82	1/8	9,712.88	1/8	9,528.94	1/8	9,345.00	1/8	9,161.06	1/8	8,977.12	1/8	8,793.18	1/8	8,609.24	1/8	8,425.30	1/8	8,241.36
1/4	9,892.99	1/4	9,709.05	1/4	9,525.11	1/4	9,341.17	1/4	9,157.23	1/4	8,973.29	1/4	8,789.35	1/4	8,605.40	1/4	8,421.46	1/4	8,237.52
3/8	9,889.16	3/8	9,705.22	3/8	9,521.28	3/8	9,337.34	3/8	9,153.40	3/8	8,969.45	3/8	8,785.51	3/8	8,601.57	3/8	8,417.63	3/8	8,233.69
1/2	9,885.33	1/2	9,701.39	1/2	9,517.44	1/2	9,333.50	1/2	9,149.56	1/2	8,965.62	1/2	8,781.68	1/2	8,597.74	1/2	8,413.80	1/2	8,229.86
5/8	9,881.49	5/8	9,697.55	5/8	9,513.61	5/8	9,329.67	5/8	9,145.73	5/8	8,961.79	5/8	8,777.85	5/8	8,593.91	5/8	8,409.97	5/8	8,226.03
3/4	9,877.66	3/4	9,693.72	3/4	9,509.78	3/4	9,325.84	3/4	9,141.90	3/4	8,957.96	3/4	8,774.02	3/4	8,590.08	3/4	8,406.14	3/4	8,222.19
7/8	9,873.83	7/8	9,689.89	7/8	9,505.95	7/8	9,322.01	7/8	9,138.07	7/8	8,954.13	7/8	8,770.19	7/8	8,586.24	7/8	8,402.30	7/8	8,218.36
3	9,870.00	9	9,686.06	3	9,502.12	9	9,318.18	3	9,134.23	9	8,950.29	3	8,766.35	9	8,582.41	3	8,398.47	9	8,214.53
1/8	9,866.17	1/8	9,682.22	1/8	9,498.28	1/8	9,314.34	1/8	9,130.40	1/8	8,946.46	1/8	8,762.52	1/8	8,578.58	1/8	8,394.64	1/8	8,210.70
1/4	9,862.33	1/4	9,678.39	1/4	9,494.45	1/4	9,310.51	1/4	9,126.57	1/4	8,942.63	1/4	8,758.69	1/4	8,574.75	1/4	8,390.81	1/4	8,206.87
3/8	9,858.50	3/8	9,674.56	3/8	9,490.62	3/8	9,306.68	3/8	9,122.74	3/8	8,938.80	3/8	8,754.86	3/8	8,570.92	3/8	8,386.98	3/8	8,203.03
1/2	9,854.67	1/2	9,670.73	1/2	9,486.79	1/2	9,302.85	1/2	9,118.91	1/2	8,934.97	1/2	8,751.02	1/2	8,567.08	1/2	8,383.14	1/2	8,199.20
5/8	9,850.84	5/8	9,666.90	5/8	9,482.96	5/8	9,299.01	5/8	9,115.07	5/8	8,931.13	5/8	8,747.19	5/8	8,563.25	5/8	8,379.31	5/8	8,195.37
3/4	9,847.01	3/4	9,663.06	3/4	9,479.12	3/4	9,295.18	3/4	9,111.24	3/4	8,927.30	3/4	8,743.36	3/4	8,559.42	3/4	8,375.48	3/4	8,191.54
7/8	9,843.17	7/8	9,659.23	7/8	9,475.29	7/8	9,291.35	7/8	9,107.41	7/8	8,923.47	7/8	8,739.53	7/8	8,555.59	7/8	8,371.65	7/8	8,187.71
4	9,839.34	10	9,655.40	4	9,471.46	10	9,287.52	4	9,103.58	10	8,919.64	4	8,735.70	10	8,551.76	4	8,367.81	10	8,183.87
1/8	9,835.51	1/8	9,651.57	1/8	9,467.63	1/8	9,283.69	1/8	9,099.75	1/8	8,915.80	1/8	8,731.86	1/8	8,547.92	1/8	8,363.98	1/8	8,180.04
1/4	9,831.68	1/4	9,647.74	1/4	9,463.80	1/4	9,279.85	1/4	9,095.91	1/4	8,911.97	1/4	8,728.03	1/4	8,544.09	1/4	8,360.15	1/4	8,176.21
3/8	9,827.84	3/8	9,643.90	3/8	9,459.96	3/8	9,276.02	3/8	9,092.08	3/8	8,908.14	3/8	8,724.20	3/8	8,540.26	3/8	8,356.32	3/8	8,172.38
1/2	9,824.01	1/2	9,640.07	1/2	9,456.13	1/2	9,272.19	1/2	9,088.25	1/2	8,904.31	1/2	8,720.37	1/2	8,536.43	1/2	8,352.49	1/2	8,168.55
5/8	9,820.18	5/8	9,636.24	5/8	9,452.30	5/8	9,268.36	5/8	9,084.42	5/8	8,900.48	5/8	8,716.54	5/8	8,532.59	5/8	8,348.65	5/8	8,164.71
3/4	9,816.35	3/4	9,632.41	3/4	9,448.47	3/4	9,264.53	3/4	9,080.59	3/4	8,896.64	3/4	8,712.70	3/4	8,528.76	3/4	8,344.82	3/4	8,160.88
7/8	9,812.52	7/8	9,628.58	7/8	9,444.63	7/8	9,260.69	7/8	9,076.75	7/8	8,892.81	7/8	8,708.87	7/8	8,524.93	7/8	8,340.99	7/8	8,157.05
5	9,808.68	11	9,624.74	5	9,440.80	11	9,256.86	5	9,072.92	11	8,888.98	5	8,705.04	11	8,521.10	5	8,337.16	11	8,153.22
1/8	9,804.85	1/8	9,620.91	1/8	9,436.97	1/8	9,253.03	1/8	9,069.09	1/8	8,885.15	1/8	8,701.21	1/8	8,517.27	1/8	8,333.33	1/8	8,149.38
1/4	9,801.02	1/4	9,617.08	1/4	9,433.14	1/4	9,249.20	1/4	9,065.26	1/4	8,881.32	1/4	8,697.38	1/4	8,513.43	1/4	8,329.49	1/4	8,145.55
3/8	9,797.19	3/8	9,613.25	3/8	9,429.31	3/8	9,245.37	3/8	9,061.42	3/8	8,877.48	3/8	8,693.54	3/8	8,509.60	3/8	8,325.66	3/8	8,141.72
1/2	9,793.36	1/2	9,609.41	1/2	9,425.47	1/2	9,241.53	1/2	9,057.59	1/2	8,873.65	1/2	8,689.71	1/2	8,505.77	1/2	8,321.83	1/2	8,137.89
5/8	9,789.52	5/8	9,605.58	5/8	9,421.64	5/8	9,237.70	5/8	9,053.76	5/8	8,869.82	5/8	8,685.88	5/8	8,501.94	5/8	8,318.00	5/8	8,134.06
3/4	9,785.69	3/4	9,601.75	3/4	9,417.81	3/4	9,233.87	3/4	9,049.93	3/4	8,865.99	3/4	8,682.05	3/4	8,498.11	3/4	8,314.17	3/4	8,130.22
7/8	9,781.86	7/8	9,597.92	7/8	9,413.98	7/8	9,230.04	7/8	9,046.10	7/8	8,862.16	7/8	8,678.21	7/8	8,494.27	7/8	8,310.33	7/8	8,126.39

GAUGE LOCATED 40'-7 3/4" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	8,122.56	6	7,938.62	0	7,754.68	6	7,570.74	0	7,386.80	6	7,202.86	0	7,018.92	6	6,834.97	0	6,651.03	6	6,467.09
1/8	8,118.73	1/8	7,934.79	1/8	7,750.85	1/8	7,566.91	1/8	7,382.96	1/8	7,199.02	1/8	7,015.08	1/8	6,831.14	1/8	6,647.20	1/8	6,463.26
1/4	8,114.90	1/4	7,930.96	1/4	7,747.01	1/4	7,563.07	1/4	7,379.13	1/4	7,195.19	1/4	7,011.25	1/4	6,827.31	1/4	6,643.37	1/4	6,459.43
3/8	8,111.06	3/8	7,927.12	3/8	7,743.18	3/8	7,559.24	3/8	7,375.30	3/8	7,191.36	3/8	7,007.42	3/8	6,823.48	3/8	6,639.54	3/8	6,455.60
1/2	8,107.23	1/2	7,923.29	1/2	7,739.35	1/2	7,555.41	1/2	7,371.47	1/2	7,187.53	1/2	7,003.59	1/2	6,819.65	1/2	6,635.71	1/2	6,451.76
5/8	8,103.40	5/8	7,919.46	5/8	7,735.52	5/8	7,551.58	5/8	7,367.64	5/8	7,183.70	5/8	6,999.75	5/8	6,815.81	5/8	6,631.87	5/8	6,447.93
3/4	8,099.57	3/4	7,915.63	3/4	7,731.69	3/4	7,547.75	3/4	7,363.80	3/4	7,179.86	3/4	6,995.92	3/4	6,811.98	3/4	6,628.04	3/4	6,444.10
7/8	8,095.74	7/8	7,911.79	7/8	7,727.85	7/8	7,543.91	7/8	7,359.97	7/8	7,176.03	7/8	6,992.09	7/8	6,808.15	7/8	6,624.21	7/8	6,440.27
1	8,091.90	7	7,907.96	1	7,724.02	7	7,540.08	1	7,356.14	7	7,172.20	1	6,988.26	7	6,804.32	1	6,620.38	7	6,436.44
1/8	8,088.07	1/8	7,904.13	1/8	7,720.19	1/8	7,536.25	1/8	7,352.31	1/8	7,168.37	1/8	6,984.43	1/8	6,800.49	1/8	6,616.54	1/8	6,432.60
1/4	8,084.24	1/4	7,900.30	1/4	7,716.36	1/4	7,532.42	1/4	7,348.48	1/4	7,164.54	1/4	6,980.59	1/4	6,796.65	1/4	6,612.71	1/4	6,428.77
3/8	8,080.41	3/8	7,896.47	3/8	7,712.53	3/8	7,528.58	3/8	7,344.64	3/8	7,160.70	3/8	6,976.76	3/8	6,792.82	3/8	6,608.88	3/8	6,424.94
1/2	8,076.57	1/2	7,892.63	1/2	7,708.69	1/2	7,524.75	1/2	7,340.81	1/2	7,156.87	1/2	6,972.93	1/2	6,788.99	1/2	6,605.05	1/2	6,421.11
5/8	8,072.74	5/8	7,888.80	5/8	7,704.86	5/8	7,520.92	5/8	7,336.98	5/8	7,153.04	5/8	6,969.10	5/8	6,785.16	5/8	6,601.22	5/8	6,417.28
3/4	8,068.91	3/4	7,884.97	3/4	7,701.03	3/4	7,517.09	3/4	7,333.15	3/4	7,149.21	3/4	6,965.27	3/4	6,781.33	3/4	6,597.38	3/4	6,413.44
7/8	8,065.08	7/8	7,881.14	7/8	7,697.20	7/8	7,513.26	7/8	7,329.32	7/8	7,145.37	7/8	6,961.43	7/8	6,777.49	7/8	6,593.55	7/8	6,409.61
2	8,061.25	8	7,877.31	2	7,693.36	8	7,509.42	2	7,325.48	8	7,141.54	2	6,957.60	8	6,773.66	2	6,589.72	8	6,405.78
1/8	8,057.41	1/8	7,873.47	1/8	7,689.53	1/8	7,505.59	1/8	7,321.65	1/8	7,137.71	1/8	6,953.77	1/8	6,769.83	1/8	6,585.89	1/8	6,401.95
1/4	8,053.58	1/4	7,869.64	1/4	7,685.70	1/4	7,501.76	1/4	7,317.82	1/4	7,133.88	1/4	6,949.94	1/4	6,766.00	1/4	6,582.06	1/4	6,398.12
3/8	8,049.75	3/8	7,865.81	3/8	7,681.87	3/8	7,497.93	3/8	7,313.99	3/8	7,130.05	3/8	6,946.11	3/8	6,762.16	3/8	6,578.22	3/8	6,394.28
1/2	8,045.92	1/2	7,861.98	1/2	7,678.04	1/2	7,494.10	1/2	7,310.15	1/2	7,126.21	1/2	6,942.27	1/2	6,758.33	1/2	6,574.39	1/2	6,390.45
5/8	8,042.09	5/8	7,858.15	5/8	7,674.20	5/8	7,490.26	5/8	7,306.32	5/8	7,122.38	5/8	6,938.44	5/8	6,754.50	5/8	6,570.56	5/8	6,386.62
3/4	8,038.25	3/4	7,854.31	3/4	7,670.37	3/4	7,486.43	3/4	7,302.49	3/4	7,118.55	3/4	6,934.61	3/4	6,750.67	3/4	6,566.73	3/4	6,382.79
7/8	8,034.42	7/8	7,850.48	7/8	7,666.54	7/8	7,482.60	7/8	7,298.66	7/8	7,114.72	7/8	6,930.78	7/8	6,746.84	7/8	6,562.90	7/8	6,378.95
3	8,030.59	9	7,846.65	3	7,662.71	9	7,478.77	3	7,294.83	9	7,110.89	3	6,926.94	9	6,743.00	3	6,559.06	9	6,375.12
1/8	8,026.76	1/8	7,842.82	1/8	7,658.88	1/8	7,474.94	1/8	7,290.99	1/8	7,107.05	1/8	6,923.11	1/8	6,739.17	1/8	6,555.23	1/8	6,371.29
1/4	8,022.93	1/4	7,838.98	1/4	7,655.04	1/4	7,471.10	1/4	7,287.16	1/4	7,103.22	1/4	6,919.28	1/4	6,735.34	1/4	6,551.40	1/4	6,367.46
3/8	8,019.09	3/8	7,835.15	3/8	7,651.21	3/8	7,467.27	3/8	7,283.33	3/8	7,099.39	3/8	6,915.45	3/8	6,731.51	3/8	6,547.57	3/8	6,363.63
1/2	8,015.26	1/2	7,831.32	1/2	7,647.38	1/2	7,463.44	1/2	7,279.50	1/2	7,095.56	1/2	6,911.62	1/2	6,727.68	1/2	6,543.73	1/2	6,359.79
5/8	8,011.43	5/8	7,827.49	5/8	7,643.55	5/8	7,459.61	5/8	7,275.67	5/8	7,091.73	5/8	6,907.78	5/8	6,723.84	5/8	6,539.90	5/8	6,355.96
3/4	8,007.60	3/4	7,823.66	3/4	7,639.72	3/4	7,455.77	3/4	7,271.83	3/4	7,087.89	3/4	6,903.95	3/4	6,720.01	3/4	6,536.07	3/4	6,352.13
7/8	8,003.77	7/8	7,819.82	7/8	7,635.88	7/8	7,451.94	7/8	7,268.00	7/8	7,084.06	7/8	6,900.12	7/8	6,716.18	7/8	6,532.24	7/8	6,348.30
4	7,999.93	10	7,815.99	4	7,632.05	10	7,448.11	4	7,264.17	10	7,080.23	4	6,896.29	10	6,712.35	4	6,528.41	10	6,344.47
1/8	7,996.10	1/8	7,812.16	1/8	7,628.22	1/8	7,444.28	1/8	7,260.34	1/8	7,076.40	1/8	6,892.46	1/8	6,708.52	1/8	6,524.57	1/8	6,340.63
1/4	7,992.27	1/4	7,808.33	1/4	7,624.39	1/4	7,440.45	1/4	7,256.51	1/4	7,072.56	1/4	6,888.62	1/4	6,704.68	1/4	6,520.74	1/4	6,336.80
3/8	7,988.44	3/8	7,804.50	3/8	7,620.56	3/8	7,436.61	3/8	7,252.67	3/8	7,068.73	3/8	6,884.79	3/8	6,700.85	3/8	6,516.91	3/8	6,332.97
1/2	7,984.60	1/2	7,800.66	1/2	7,616.72	1/2	7,432.78	1/2	7,248.84	1/2	7,064.90	1/2	6,880.96	1/2	6,697.02	1/2	6,513.08	1/2	6,329.14
5/8	7,980.77	5/8	7,796.83	5/8	7,612.89	5/8	7,428.95	5/8	7,245.01	5/8	7,061.07	5/8	6,877.13	5/8	6,693.19	5/8	6,509.25	5/8	6,325.31
3/4	7,976.94	3/4	7,793.00	3/4	7,609.06	3/4	7,425.12	3/4	7,241.18	3/4	7,057.24	3/4	6,873.30	3/4	6,689.35	3/4	6,505.41	3/4	6,321.47
7/8	7,973.11	7/8	7,789.17	7/8	7,605.23	7/8	7,421.29	7/8	7,237.35	7/8	7,053.40	7/8	6,869.46	7/8	6,685.52	7/8	6,501.58	7/8	6,317.64
5	7,969.28	11	7,785.34	5	7,601.39	11	7,417.45	5	7,233.51	11	7,049.57	5	6,865.63	11	6,681.69	5	6,497.75	11	6,313.81
1/8	7,965.44	1/8	7,781.50	1/8	7,597.56	1/8	7,413.62	1/8	7,229.68	1/8	7,045.74	1/8	6,861.80	1/8	6,677.86	1/8	6,493.92	1/8	6,309.98
1/4	7,961.61	1/4	7,777.67	1/4	7,593.73	1/4	7,409.79	1/4	7,225.85	1/4	7,041.91	1/4	6,857.97	1/4	6,674.03	1/4	6,490.09	1/4	6,306.14
3/8	7,957.78	3/8	7,773.84	3/8	7,589.90	3/8	7,405.96	3/8	7,222.02	3/8	7,038.08	3/8	6,854.14	3/8	6,670.19	3/8	6,486.25	3/8	6,302.31
1/2	7,953.95	1/2	7,770.01	1/2	7,586.07	1/2	7,402.13	1/2	7,218.18	1/2	7,034.24	1/2	6,850.30	1/2	6,666.36	1/2	6,482.42	1/2	6,298.48
5/8	7,950.12	5/8	7,766.17	5/8	7,582.23	5/8	7,398.29	5/8	7,214.35	5/8	7,030.41	5/8	6,846.47	5/8	6,662.53	5/8	6,478.59	5/8	6,294.65
3/4	7,946.28	3/4	7,762.34	3/4	7,578.40	3/4	7,394.46	3/4	7,210.52	3/4	7,026.58	3/4	6,842.64	3/4	6,658.70	3/4	6,474.76	3/4	6,290.82
7/8	7,942.45	7/8	7,758.51	7/8	7,574.57	7/8	7,390.63	7/8	7,206.69	7/8	7,022.75	7/8	6,838.81	7/8	6,654.87	7/8	6,470.93	7/8	6,286.98

GAUGE LOCATED 40'-7 3/4" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	6,283.15	6	6,099.21	0	5,915.27	6	5,731.33	0	5,547.39	6	5,363.45	0	5,179.51	6	4,995.57	0	4,811.63	6	4,627.68
1/8	6,279.32	1/8	6,095.38	1/8	5,911.44	1/8	5,727.50	1/8	5,543.56	1/8	5,359.62	1/8	5,175.68	1/8	4,991.73	1/8	4,807.79	1/8	4,623.85
1/4	6,275.49	1/4	6,091.55	1/4	5,907.61	1/4	5,723.67	1/4	5,539.72	1/4	5,355.78	1/4	5,171.84	1/4	4,987.90	1/4	4,803.96	1/4	4,620.02
3/8	6,271.66	3/8	6,087.72	3/8	5,903.77	3/8	5,719.83	3/8	5,535.89	3/8	5,351.95	3/8	5,168.01	3/8	4,984.07	3/8	4,800.13	3/8	4,616.19
1/2	6,267.82	1/2	6,083.88	1/2	5,899.94	1/2	5,716.00	1/2	5,532.06	1/2	5,348.12	1/2	5,164.18	1/2	4,980.24	1/2	4,796.30	1/2	4,612.36
5/8	6,263.99	5/8	6,080.05	5/8	5,896.11	5/8	5,712.17	5/8	5,528.23	5/8	5,344.29	5/8	5,160.35	5/8	4,976.41	5/8	4,792.47	5/8	4,608.52
3/4	6,260.16	3/4	6,076.22	3/4	5,892.28	3/4	5,708.34	3/4	5,524.40	3/4	5,340.46	3/4	5,156.51	3/4	4,972.57	3/4	4,788.63	3/4	4,604.69
7/8	6,256.33	7/8	6,072.39	7/8	5,888.45	7/8	5,704.51	7/8	5,520.56	7/8	5,336.62	7/8	5,152.68	7/8	4,968.74	7/8	4,784.80	7/8	4,600.86
1	6,252.50	7	6,068.55	1	5,884.61	7	5,700.67	1	5,516.73	7	5,332.79	1	5,148.85	7	4,964.91	1	4,780.97	7	4,597.03
1/8	6,248.66	1/8	6,064.72	1/8	5,880.78	1/8	5,696.84	1/8	5,512.90	1/8	5,328.96	1/8	5,145.02	1/8	4,961.08	1/8	4,777.14	1/8	4,593.20
1/4	6,244.83	1/4	6,060.89	1/4	5,876.95	1/4	5,693.01	1/4	5,509.07	1/4	5,325.13	1/4	5,141.19	1/4	4,957.25	1/4	4,773.30	1/4	4,589.36
3/8	6,241.00	3/8	6,057.06	3/8	5,873.12	3/8	5,689.18	3/8	5,505.24	3/8	5,321.30	3/8	5,137.35	3/8	4,953.41	3/8	4,769.47	3/8	4,585.53
1/2	6,237.17	1/2	6,053.23	1/2	5,869.29	1/2	5,685.34	1/2	5,501.40	1/2	5,317.46	1/2	5,133.52	1/2	4,949.58	1/2	4,765.64	1/2	4,581.70
5/8	6,233.33	5/8	6,049.39	5/8	5,865.45	5/8	5,681.51	5/8	5,497.57	5/8	5,313.63	5/8	5,129.69	5/8	4,945.75	5/8	4,761.81	5/8	4,577.87
3/4	6,229.50	3/4	6,045.56	3/4	5,861.62	3/4	5,677.68	3/4	5,493.74	3/4	5,309.80	3/4	5,125.86	3/4	4,941.92	3/4	4,757.98	3/4	4,574.04
7/8	6,225.67	7/8	6,041.73	7/8	5,857.79	7/8	5,673.85	7/8	5,489.91	7/8	5,305.97	7/8	5,122.03	7/8	4,938.09	7/8	4,754.14	7/8	4,570.20
2	6,221.84	8	6,037.90	2	5,853.96	8	5,670.02	2	5,486.08	8	5,302.13	2	5,118.19	8	4,934.25	2	4,750.31	8	4,566.37
1/8	6,218.01	1/8	6,034.07	1/8	5,850.12	1/8	5,666.18	1/8	5,482.24	1/8	5,298.30	1/8	5,114.36	1/8	4,930.42	1/8	4,746.48	1/8	4,562.54
1/4	6,214.17	1/4	6,030.23	1/4	5,846.29	1/4	5,662.35	1/4	5,478.41	1/4	5,294.47	1/4	5,110.53	1/4	4,926.59	1/4	4,742.65	1/4	4,558.71
3/8	6,210.34	3/8	6,026.40	3/8	5,842.46	3/8	5,658.52	3/8	5,474.58	3/8	5,290.64	3/8	5,106.70	3/8	4,922.76	3/8	4,738.82	3/8	4,554.88
1/2	6,206.51	1/2	6,022.57	1/2	5,838.63	1/2	5,654.69	1/2	5,470.75	1/2	5,286.81	1/2	5,102.87	1/2	4,918.92	1/2	4,734.98	1/2	4,551.04
5/8	6,202.68	5/8	6,018.74	5/8	5,834.80	5/8	5,650.86	5/8	5,466.91	5/8	5,282.97	5/8	5,099.03	5/8	4,915.09	5/8	4,731.15	5/8	4,547.21
3/4	6,198.85	3/4	6,014.91	3/4	5,830.96	3/4	5,647.02	3/4	5,463.08	3/4	5,279.14	3/4	5,095.20	3/4	4,911.26	3/4	4,727.32	3/4	4,543.38
7/8	6,195.01	7/8	6,011.07	7/8	5,827.13	7/8	5,643.19	7/8	5,459.25	7/8	5,275.31	7/8	5,091.37	7/8	4,907.43	7/8	4,723.49	7/8	4,539.55
3	6,191.18	9	6,007.24	3	5,823.30	9	5,639.36	3	5,455.42	9	5,271.48	3	5,087.54	9	4,903.60	3	4,719.66	9	4,535.71
1/8	6,187.35	1/8	6,003.41	1/8	5,819.47	1/8	5,635.53	1/8	5,451.59	1/8	5,267.65	1/8	5,083.70	1/8	4,899.76	1/8	4,715.82	1/8	4,531.88
1/4	6,183.52	1/4	5,999.58	1/4	5,815.64	1/4	5,631.70	1/4	5,447.75	1/4	5,263.81	1/4	5,079.87	1/4	4,895.93	1/4	4,711.99	1/4	4,528.05
3/8	6,179.69	3/8	5,995.74	3/8	5,811.80	3/8	5,627.86	3/8	5,443.92	3/8	5,259.98	3/8	5,076.04	3/8	4,892.10	3/8	4,708.16	3/8	4,524.22
1/2	6,175.85	1/2	5,991.91	1/2	5,807.97	1/2	5,624.03	1/2	5,440.09	1/2	5,256.15	1/2	5,072.21	1/2	4,888.27	1/2	4,704.33	1/2	4,520.39
5/8	6,172.02	5/8	5,988.08	5/8	5,804.14	5/8	5,620.20	5/8	5,436.26	5/8	5,252.32	5/8	5,068.38	5/8	4,884.44	5/8	4,700.49	5/8	4,516.55
3/4	6,168.19	3/4	5,984.25	3/4	5,800.31	3/4	5,616.37	3/4	5,432.43	3/4	5,248.49	3/4	5,064.54	3/4	4,880.60	3/4	4,696.66	3/4	4,512.72
7/8	6,164.36	7/8	5,980.42	7/8	5,796.48	7/8	5,612.53	7/8	5,428.59	7/8	5,244.65	7/8	5,060.71	7/8	4,876.77	7/8	4,692.83	7/8	4,508.89
4	6,160.52	10	5,976.58	4	5,792.64	10	5,608.70	4	5,424.76	10	5,240.82	4	5,056.88	10	4,872.94	4	4,689.00	10	4,505.06
1/8	6,156.69	1/8	5,972.75	1/8	5,788.81	1/8	5,604.87	1/8	5,420.93	1/8	5,236.99	1/8	5,053.05	1/8	4,869.11	1/8	4,685.17	1/8	4,501.23
1/4	6,152.86	1/4	5,968.92	1/4	5,784.98	1/4	5,601.04	1/4	5,417.10	1/4	5,233.16	1/4	5,049.22	1/4	4,865.28	1/4	4,681.33	1/4	4,497.39
3/8	6,149.03	3/8	5,965.09	3/8	5,781.15	3/8	5,597.21	3/8	5,413.27	3/8	5,229.32	3/8	5,045.38	3/8	4,861.44	3/8	4,677.50	3/8	4,493.56
1/2	6,145.20	1/2	5,961.26	1/2	5,777.31	1/2	5,593.37	1/2	5,409.43	1/2	5,225.49	1/2	5,041.55	1/2	4,857.61	1/2	4,673.67	1/2	4,489.73
5/8	6,141.36	5/8	5,957.42	5/8	5,773.48	5/8	5,589.54	5/8	5,405.60	5/8	5,221.66	5/8	5,037.72	5/8	4,853.78	5/8	4,669.84	5/8	4,485.90
3/4	6,137.53	3/4	5,953.59	3/4	5,769.65	3/4	5,585.71	3/4	5,401.77	3/4	5,217.83	3/4	5,033.89	3/4	4,849.95	3/4	4,666.01	3/4	4,482.07
7/8	6,133.70	7/8	5,949.76	7/8	5,765.82	7/8	5,581.88	7/8	5,397.94	7/8	5,214.00	7/8	5,030.06	7/8	4,846.11	7/8	4,662.17	7/8	4,478.23
5	6,129.87	11	5,945.93	5	5,761.99	11	5,578.05	5	5,394.10	11	5,210.16	5	5,026.22	11	4,842.28	5	4,658.34	11	4,474.40
1/8	6,126.04	1/8	5,942.10	1/8	5,758.15	1/8	5,574.21	1/8	5,390.27	1/8	5,206.33	1/8	5,022.39	1/8	4,838.45	1/8	4,654.51	1/8	4,470.57
1/4	6,122.20	1/4	5,938.26	1/4	5,754.32	1/4	5,570.38	1/4	5,386.44	1/4	5,202.50	1/4	5,018.56	1/4	4,834.62	1/4	4,650.68	1/4	4,466.74
3/8	6,118.37	3/8	5,934.43	3/8	5,750.49	3/8	5,566.55	3/8	5,382.61	3/8	5,198.67	3/8	5,014.73	3/8	4,830.79	3/8	4,646.85	3/8	4,462.90
1/2	6,114.54	1/2	5,930.60	1/2	5,746.66	1/2	5,562.72	1/2	5,378.78	1/2	5,194.84	1/2	5,010.89	1/2	4,826.95	1/2	4,643.01	1/2	4,459.07
5/8	6,110.71	5/8	5,926.77	5/8	5,742.83	5/8	5,558.89	5/8	5,374.94	5/8	5,191.00	5/8	5,007.06	5/8	4,823.12	5/8	4,639.18	5/8	4,455.24
3/4	6,106.88	3/4	5,922.93	3/4	5,738.99	3/4	5,555.05	3/4	5,371.11	3/4	5,187.17	3/4	5,003.23	3/4	4,819.29	3/4	4,635.35	3/4	4,451.41
7/8	6,103.04	7/8	5,919.10	7/8	5,735.16	7/8	5,551.22	7/8	5,367.28	7/8	5,183.34	7/8	4,999.40	7/8	4,815.46	7/8	4,631.52	7/8	4,447.58

GAUGE LOCATED 40'-7 3/4" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	4,443.74	6	4,259.80	0	4,075.86	6	3,891.92	0	3,707.98	6	3,524.04	0	3,340.10	6	3,156.16	0	2,972.22	6	2,789.68
1/8	4,439.91	1/8	4,255.97	1/8	4,072.03	1/8	3,888.09	1/8	3,704.15	1/8	3,520.21	1/8	3,336.27	1/8	3,152.33	1/8	2,968.39	1/8	2,785.94
1/4	4,436.08	1/4	4,252.14	1/4	4,068.20	1/4	3,884.26	1/4	3,700.32	1/4	3,516.38	1/4	3,332.44	1/4	3,148.49	1/4	2,964.55	1/4	2,782.19
3/8	4,432.25	3/8	4,248.31	3/8	4,064.37	3/8	3,880.43	3/8	3,696.48	3/8	3,512.54	3/8	3,328.60	3/8	3,144.66	3/8	2,960.72	3/8	2,778.44
1/2	4,428.42	1/2	4,244.47	1/2	4,060.53	1/2	3,876.59	1/2	3,692.65	1/2	3,508.71	1/2	3,324.77	1/2	3,140.83	1/2	2,956.89	1/2	2,774.69
5/8	4,424.58	5/8	4,240.64	5/8	4,056.70	5/8	3,872.76	5/8	3,688.82	5/8	3,504.88	5/8	3,320.94	5/8	3,137.00	5/8	2,953.06	5/8	2,770.94
3/4	4,420.75	3/4	4,236.81	3/4	4,052.87	3/4	3,868.93	3/4	3,684.99	3/4	3,501.05	3/4	3,317.11	3/4	3,133.17	3/4	2,949.23	3/4	2,767.20
7/8	4,416.92	7/8	4,232.98	7/8	4,049.04	7/8	3,865.10	7/8	3,681.16	7/8	3,497.22	7/8	3,313.27	7/8	3,129.33	7/8	2,945.39	7/8	2,763.45
1	4,413.09	7	4,229.15	1	4,045.21	7	3,861.26	1	3,677.32	7	3,493.38	1	3,309.44	7	3,125.50	1	2,941.56	7	2,759.70
1/8	4,409.26	1/8	4,225.31	1/8	4,041.37	1/8	3,857.43	1/8	3,673.49	1/8	3,489.55	1/8	3,305.61	1/8	3,121.67	1/8	2,937.73	1/8	2,755.95
1/4	4,405.42	1/4	4,221.48	1/4	4,037.54	1/4	3,853.60	1/4	3,669.66	1/4	3,485.72	1/4	3,301.78	1/4	3,117.84	1/4	2,933.90	1/4	2,752.21
3/8	4,401.59	3/8	4,217.65	3/8	4,033.71	3/8	3,849.77	3/8	3,665.83	3/8	3,481.89	3/8	3,297.95	3/8	3,114.01	3/8	2,930.06	3/8	2,748.46
1/2	4,397.76	1/2	4,213.82	1/2	4,029.88	1/2	3,845.94	1/2	3,662.00	1/2	3,478.05	1/2	3,294.11	1/2	3,110.17	1/2	2,926.23	1/2	2,744.71
5/8	4,393.93	5/8	4,209.99	5/8	4,026.05	5/8	3,842.10	5/8	3,658.16	5/8	3,474.22	5/8	3,290.28	5/8	3,106.34	5/8	2,922.40	5/8	2,740.96
3/4	4,390.09	3/4	4,206.15	3/4	4,022.21	3/4	3,838.27	3/4	3,654.33	3/4	3,470.39	3/4	3,286.45	3/4	3,102.51	3/4	2,918.57	3/4	2,737.22
7/8	4,386.26	7/8	4,202.32	7/8	4,018.38	7/8	3,834.44	7/8	3,650.50	7/8	3,466.56	7/8	3,282.62	7/8	3,098.68	7/8	2,914.74	7/8	2,733.47
2	4,382.43	8	4,198.49	2	4,014.55	8	3,830.61	2	3,646.67	8	3,462.73	2	3,278.79	8	3,094.84	2	2,910.90	8	2,729.72
1/8	4,378.60	1/8	4,194.66	1/8	4,010.72	1/8	3,826.78	1/8	3,642.84	1/8	3,458.89	1/8	3,274.95	1/8	3,091.01	1/8	2,907.07	1/8	2,725.97
1/4	4,374.77	1/4	4,190.83	1/4	4,006.88	1/4	3,822.94	1/4	3,639.00	1/4	3,455.06	1/4	3,271.12	1/4	3,087.18	1/4	2,903.24	1/4	2,722.22
3/8	4,370.93	3/8	4,186.99	3/8	4,003.05	3/8	3,819.11	3/8	3,635.17	3/8	3,451.23	3/8	3,267.29	3/8	3,083.35	3/8	2,899.41	3/8	2,718.48
1/2	4,367.10	1/2	4,183.16	1/2	3,999.22	1/2	3,815.28	1/2	3,631.34	1/2	3,447.40	1/2	3,263.46	1/2	3,079.52	1/2	2,895.58	1/2	2,714.73
5/8	4,363.27	5/8	4,179.33	5/8	3,995.39	5/8	3,811.45	5/8	3,627.51	5/8	3,443.57	5/8	3,259.63	5/8	3,075.68	5/8	2,891.74	5/8	2,710.98
3/4	4,359.44	3/4	4,175.50	3/4	3,991.56	3/4	3,807.62	3/4	3,623.67	3/4	3,439.73	3/4	3,255.79	3/4	3,071.85	3/4	2,887.91	3/4	2,707.23
7/8	4,355.61	7/8	4,171.67	7/8	3,987.72	7/8	3,803.78	7/8	3,619.84	7/8	3,435.90	7/8	3,251.96	7/8	3,068.02	7/8	2,884.08	7/8	2,703.49
3	4,351.77	9	4,167.83	3	3,983.89	9	3,799.95	3	3,616.01	9	3,432.07	3	3,248.13	9	3,064.19	3	2,880.25	9	2,699.74
1/8	4,347.94	1/8	4,164.00	1/8	3,980.06	1/8	3,796.12	1/8	3,612.18	1/8	3,428.24	1/8	3,244.30	1/8	3,060.36	1/8	2,876.42	1/8	2,696.99
1/4	4,344.11	1/4	4,160.17	1/4	3,976.23	1/4	3,792.29	1/4	3,608.35	1/4	3,424.41	1/4	3,240.46	1/4	3,056.52	1/4	2,872.58	1/4	2,692.24
3/8	4,340.28	3/8	4,156.34	3/8	3,972.40	3/8	3,788.46	3/8	3,604.51	3/8	3,420.57	3/8	3,236.63	3/8	3,052.69	3/8	2,868.75	3/8	2,688.50
1/2	4,336.45	1/2	4,152.50	1/2	3,968.56	1/2	3,784.62	1/2	3,600.68	1/2	3,416.74	1/2	3,232.80	1/2	3,048.86	1/2	2,864.92	1/2	2,684.75
5/8	4,332.61	5/8	4,148.67	5/8	3,964.73	5/8	3,780.79	5/8	3,596.85	5/8	3,412.91	5/8	3,228.97	5/8	3,045.03	5/8	2,861.09	5/8	2,681.00
3/4	4,328.78	3/4	4,144.84	3/4	3,960.90	3/4	3,776.96	3/4	3,593.02	3/4	3,409.08	3/4	3,225.14	3/4	3,041.20	3/4	2,857.31	3/4	2,677.25
7/8	4,324.95	7/8	4,141.01	7/8	3,957.07	7/8	3,773.13	7/8	3,589.19	7/8	3,405.25	7/8	3,221.30	7/8	3,037.36	7/8	2,853.54	7/8	2,673.50
4	4,321.12	10	4,137.18	4	3,953.24	10	3,769.29	4	3,585.35	10	3,401.41	4	3,217.47	10	3,033.53	4	2,849.77	10	2,669.76
1/8	4,317.28	1/8	4,133.34	1/8	3,949.40	1/8	3,765.46	1/8	3,581.52	1/8	3,397.58	1/8	3,213.64	1/8	3,029.70	1/8	2,846.00	1/8	2,666.01
1/4	4,313.45	1/4	4,129.51	1/4	3,945.57	1/4	3,761.63	1/4	3,577.69	1/4	3,393.75	1/4	3,209.81	1/4	3,025.87	1/4	2,842.22	1/4	2,662.26
3/8	4,309.62	3/8	4,125.68	3/8	3,941.74	3/8	3,757.80	3/8	3,573.86	3/8	3,389.92	3/8	3,205.98	3/8	3,022.04	3/8	2,838.45	3/8	2,658.51
1/2	4,305.79	1/2	4,121.85	1/2	3,937.91	1/2	3,753.97	1/2	3,570.03	1/2	3,386.08	1/2	3,202.14	1/2	3,018.20	1/2	2,834.68	1/2	2,654.77
5/8	4,301.96	5/8	4,118.02	5/8	3,934.07	5/8	3,750.13	5/8	3,566.19	5/8	3,382.25	5/8	3,198.31	5/8	3,014.37	5/8	2,830.91	5/8	2,651.02
3/4	4,298.12	3/4	4,114.18	3/4	3,930.24	3/4	3,746.30	3/4	3,562.36	3/4	3,378.42	3/4	3,194.48	3/4	3,010.54	3/4	2,827.16	3/4	2,647.27
7/8	4,294.29	7/8	4,110.35	7/8	3,926.41	7/8	3,742.47	7/8	3,558.53	7/8	3,374.59	7/8	3,190.65	7/8	3,006.71	7/8	2,823.41	7/8	2,643.52
5	4,290.46	11	4,106.52	5	3,922.58	11	3,738.64	5	3,554.70	11	3,370.76	5	3,186.82	11	3,002.87	5	2,819.66	11	2,639.77
1/8	4,286.63	1/8	4,102.69	1/8	3,918.75	1/8	3,734.81	1/8	3,550.86	1/8	3,366.92	1/8	3,182.98	1/8	2,999.04	1/8	2,815.92	1/8	2,636.03
1/4	4,282.80	1/4	4,098.86	1/4	3,914.91	1/4	3,730.97	1/4	3,547.03	1/4	3,363.09	1/4	3,179.15	1/4	2,995.21	1/4	2,812.17	1/4	2,632.28
3/8	4,278.96	3/8	4,095.02	3/8	3,911.08	3/8	3,727.14	3/8	3,543.20	3/8	3,359.26	3/8	3,175.32	3/8	2,991.38	3/8	2,808.42	3/8	2,628.53
1/2	4,275.13	1/2	4,091.19	1/2	3,907.25	1/2	3,723.31	1/2	3,539.37	1/2	3,355.43	1/2	3,171.49	1/2	2,987.55	1/2	2,804.67	1/2	2,624.78
5/8	4,271.30	5/8	4,087.36	5/8	3,903.42	5/8	3,719.48	5/8	3,535.54	5/8	3,351.60	5/8	3,167.65	5/8	2,983.71	5/8	2,800.93	5/8	2,621.04
3/4	4,267.47	3/4	4,083.53	3/4	3,899.59	3/4	3,715.65	3/4	3,531.70	3/4	3,347.76	3/4	3,163.82	3/4	2,979.88	3/4	2,797.18	3/4	2,617.29
7/8	4,263.64	7/8	4,079.69	7/8	3,895.75	7/8	3,711.81	7/8	3,527.87	7/8	3,343.93	7/8	3,159.99	7/8	2,976.05	7/8	2,793.43	7/8	2,613.54

GAUGE LOCATED 40'-7 3/4" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,609.79	6	2,428.63	0	2,245.06	6	2,061.49	0	1,877.92	6	1,699.20	0	1,522.74	6	1,345.88	0	1,164.82	6	988.54
1/8	2,606.05	1/8	2,424.81	1/8	2,241.24	1/8	2,057.67	1/8	1,874.10	1/8	1,695.52	1/8	1,519.06	1/8	1,342.10	1/8	1,161.15	1/8	984.86
1/4	2,602.30	1/4	2,420.98	1/4	2,237.41	1/4	2,053.84	1/4	1,870.27	1/4	1,691.84	1/4	1,515.39	1/4	1,338.32	1/4	1,157.48	1/4	981.19
3/8	2,598.55	3/8	2,417.16	3/8	2,233.59	3/8	2,050.02	3/8	1,866.45	3/8	1,688.17	3/8	1,511.71	3/8	1,334.53	3/8	1,153.80	3/8	977.52
1/2	2,594.80	1/2	2,413.34	1/2	2,229.76	1/2	2,046.19	1/2	1,862.62	1/2	1,684.49	1/2	1,508.03	1/2	1,330.75	1/2	1,150.13	1/2	973.85
5/8	2,591.05	5/8	2,409.51	5/8	2,225.94	5/8	2,042.37	5/8	1,858.80	5/8	1,680.81	5/8	1,504.36	5/8	1,326.96	5/8	1,146.46	5/8	970.17
3/4	2,587.31	3/4	2,405.69	3/4	2,222.12	3/4	2,038.54	3/4	1,854.97	3/4	1,677.14	3/4	1,500.68	3/4	1,323.14	3/4	1,142.79	3/4	966.50
7/8	2,583.56	7/8	2,401.86	7/8	2,218.29	7/8	2,034.72	7/8	1,851.15	7/8	1,673.46	7/8	1,497.00	7/8	1,319.31	7/8	1,139.11	7/8	962.83
1	2,579.81	7	2,398.04	1	2,214.47	7	2,030.90	1	1,847.32	7	1,669.79	1	1,493.33	7	1,315.48	1	1,135.44	7	959.16
1/8	2,576.06	1/8	2,394.21	1/8	2,210.64	1/8	2,027.07	1/8	1,843.50	1/8	1,666.11	1/8	1,489.65	1/8	1,311.65	1/8	1,131.77	1/8	955.48
1/4	2,572.32	1/4	2,390.39	1/4	2,206.82	1/4	2,023.25	1/4	1,839.68	1/4	1,662.43	1/4	1,485.98	1/4	1,307.82	1/4	1,128.10	1/4	951.81
3/8	2,568.57	3/8	2,386.57	3/8	2,202.99	3/8	2,019.42	3/8	1,835.85	3/8	1,658.76	3/8	1,482.30	3/8	1,304.00	3/8	1,124.42	3/8	948.14
1/2	2,564.82	1/2	2,382.74	1/2	2,199.17	1/2	2,015.60	1/2	1,832.03	1/2	1,655.08	1/2	1,478.62	1/2	1,300.17	1/2	1,120.75	1/2	944.47
5/8	2,561.07	5/8	2,378.92	5/8	2,195.35	5/8	2,011.77	5/8	1,828.20	5/8	1,651.40	5/8	1,474.95	5/8	1,296.34	5/8	1,117.08	5/8	940.79
3/4	2,557.33	3/4	2,375.09	3/4	2,191.52	3/4	2,007.95	3/4	1,824.48	3/4	1,647.73	3/4	1,471.27	3/4	1,292.51	3/4	1,113.40	3/4	937.12
7/8	2,553.58	7/8	2,371.27	7/8	2,187.70	7/8	2,004.13	7/8	1,820.77	7/8	1,644.05	7/8	1,467.59	7/8	1,288.69	7/8	1,109.73	7/8	933.45
2	2,549.83	8	2,367.44	2	2,183.87	8	2,000.30	2	1,817.05	8	1,640.38	2	1,463.92	8	1,284.86	2	1,106.06	8	929.77
1/8	2,546.08	1/8	2,363.62	1/8	2,180.05	1/8	1,996.48	1/8	1,813.33	1/8	1,636.70	1/8	1,460.24	1/8	1,281.03	1/8	1,102.39	1/8	926.10
1/4	2,542.33	1/4	2,359.79	1/4	2,176.22	1/4	1,992.65	1/4	1,809.61	1/4	1,633.02	1/4	1,456.57	1/4	1,277.20	1/4	1,098.71	1/4	922.43
3/8	2,538.59	3/8	2,355.97	3/8	2,172.40	3/8	1,988.83	3/8	1,805.89	3/8	1,629.35	3/8	1,452.89	3/8	1,273.38	3/8	1,095.04	3/8	918.76
1/2	2,534.84	1/2	2,352.15	1/2	2,168.57	1/2	1,985.00	1/2	1,802.17	1/2	1,625.67	1/2	1,449.21	1/2	1,269.55	1/2	1,091.37	1/2	915.08
5/8	2,531.09	5/8	2,348.32	5/8	2,164.75	5/8	1,981.18	5/8	1,798.45	5/8	1,621.99	5/8	1,445.54	5/8	1,265.72	5/8	1,087.70	5/8	911.41
3/4	2,527.34	3/4	2,344.50	3/4	2,160.93	3/4	1,977.35	3/4	1,794.78	3/4	1,618.32	3/4	1,441.86	3/4	1,261.89	3/4	1,084.02	3/4	907.74
7/8	2,523.60	7/8	2,340.67	7/8	2,157.10	7/8	1,973.53	7/8	1,791.10	7/8	1,614.64	7/8	1,438.18	7/8	1,258.06	7/8	1,080.35	7/8	904.07
3	2,519.85	9	2,336.85	3	2,153.28	9	1,969.71	3	1,787.42	9	1,610.97	3	1,434.50	9	1,254.24	3	1,076.68	9	900.39
1/8	2,516.10	1/8	2,333.02	1/8	2,149.45	1/8	1,965.88	1/8	1,783.75	1/8	1,607.29	1/8	1,430.82	1/8	1,250.41	1/8	1,073.01	1/8	896.72
1/4	2,512.35	1/4	2,329.20	1/4	2,145.63	1/4	1,962.06	1/4	1,780.07	1/4	1,603.61	1/4	1,427.15	1/4	1,246.58	1/4	1,069.33	1/4	893.05
3/8	2,508.61	3/8	2,325.37	3/8	2,141.80	3/8	1,958.23	3/8	1,776.40	3/8	1,599.94	3/8	1,423.47	3/8	1,242.75	3/8	1,065.66	3/8	889.38
1/2	2,504.86	1/2	2,321.55	1/2	2,137.98	1/2	1,954.41	1/2	1,772.72	1/2	1,596.26	1/2	1,419.79	1/2	1,238.93	1/2	1,061.99	1/2	885.70
5/8	2,501.11	5/8	2,317.73	5/8	2,134.15	5/8	1,950.58	5/8	1,769.04	5/8	1,592.59	5/8	1,416.11	5/8	1,235.10	5/8	1,058.32	5/8	882.03
3/4	2,497.31	3/4	2,313.90	3/4	2,130.33	3/4	1,946.76	3/4	1,765.37	3/4	1,588.91	3/4	1,412.43	3/4	1,231.37	3/4	1,054.64	3/4	878.36
7/8	2,493.51	7/8	2,310.08	7/8	2,126.51	7/8	1,942.93	7/8	1,761.69	7/8	1,585.23	7/8	1,408.75	7/8	1,227.64	7/8	1,050.97	7/8	874.69
4	2,489.71	10	2,306.25	4	2,122.68	10	1,939.11	4	1,758.01	10	1,581.56	4	1,405.07	10	1,223.91	4	1,047.30	10	871.01
1/8	2,485.91	1/8	2,302.43	1/8	2,118.86	1/8	1,935.29	1/8	1,754.34	1/8	1,577.88	1/8	1,401.39	1/8	1,220.18	1/8	1,043.63	1/8	867.34
1/4	2,482.11	1/4	2,298.60	1/4	2,115.03	1/4	1,931.46	1/4	1,750.66	1/4	1,574.20	1/4	1,397.71	1/4	1,216.45	1/4	1,039.95	1/4	863.67
3/8	2,478.30	3/8	2,294.78	3/8	2,111.21	3/8	1,927.64	3/8	1,746.99	3/8	1,570.53	3/8	1,394.03	3/8	1,212.72	3/8	1,036.28	3/8	860.00
1/2	2,474.50	1/2	2,290.96	1/2	2,107.38	1/2	1,923.81	1/2	1,743.31	1/2	1,566.85	1/2	1,390.35	1/2	1,208.99	1/2	1,032.61	1/2	856.32
5/8	2,470.70	5/8	2,287.13	5/8	2,103.56	5/8	1,919.99	5/8	1,739.63	5/8	1,563.18	5/8	1,386.67	5/8	1,205.26	5/8	1,028.93	5/8	852.65
3/4	2,466.88	3/4	2,283.31	3/4	2,099.74	3/4	1,916.16	3/4	1,735.96	3/4	1,559.50	3/4	1,382.99	3/4	1,201.58	3/4	1,025.26	3/4	848.98
7/8	2,463.05	7/8	2,279.48	7/8	2,095.91	7/8	1,912.34	7/8	1,732.28	7/8	1,555.82	7/8	1,379.32	7/8	1,197.91	7/8	1,021.59	7/8	845.30
5	2,459.23	11	2,275.66	5	2,092.09	11	1,908.52	5	1,728.60	11	1,552.15	5	1,375.64	11	1,194.23	5	1,017.92	11	841.63
1/8	2,455.40	1/8	2,271.83	1/8	2,088.26	1/8	1,904.69	1/8	1,724.93	1/8	1,548.47	1/8	1,371.96	1/8	1,190.55	1/8	1,014.24	1/8	837.96
1/4	2,451.58	1/4	2,268.01	1/4	2,084.44	1/4	1,900.87	1/4	1,721.25	1/4	1,544.79	1/4	1,368.28	1/4	1,186.87	1/4	1,010.57	1/4	834.29
3/8	2,447.76	3/8	2,264.18	3/8	2,080.61	3/8	1,897.04	3/8	1,717.58	3/8	1,541.12	3/8	1,364.60	3/8	1,183.19	3/8	1,006.90	3/8	830.61
1/2	2,443.93	1/2	2,260.36	1/2	2,076.79	1/2	1,893.22	1/2	1,713.90	1/2	1,537.44	1/2	1,360.92	1/2	1,179.52	1/2	1,003.23	1/2	826.94
5/8	2,440.11	5/8	2,256.54	5/8	2,072.96	5/8	1,889.39	5/8	1,710.22	5/8	1,533.77	5/8	1,357.24	5/8	1,175.84	5/8	999.55	5/8	823.27
3/4	2,436.28	3/4	2,252.71	3/4	2,069.14	3/4	1,885.57	3/4	1,706.55	3/4	1,530.09	3/4	1,353.45	3/4	1,172.17	3/4	995.88	3/4	819.60
7/8	2,432.46	7/8	2,248.89	7/8	2,065.32	7/8	1,881.74	7/8	1,702.87	7/8	1,526.41	7/8	1,349.67	7/8	1,168.49	7/8	992.21	7/8	815.92

GAUGE LOCATED 40'-7 3/4" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 PORT
ULLAGE TABLE**

GAUGE HEIGHT 37'-2 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	812.25	6	630.76	0	447.04	6	263.40	0	81.31
1/8	808.58	1/8	626.94	1/8	443.21	1/8	259.58	1/8	77.79
1/4	804.91	1/4	623.11	1/4	439.38	1/4	255.77	1/4	74.27
3/8	801.23	3/8	619.28	3/8	435.56	3/8	251.95	3/8	70.74
1/2	797.56	1/2	615.45	1/2	431.73	1/2	248.13	1/2	67.22
5/8	793.89	5/8	611.63	5/8	427.90	5/8	244.31	5/8	63.70
3/4	790.20	3/4	607.80	3/4	424.07	3/4	240.50	3/4	60.77
7/8	786.52	7/8	603.97	7/8	420.25	7/8	236.68	7/8	57.85
1	782.84	7	600.14	1	416.42	7	232.86	1	54.92
1/8	779.15	1/8	596.31	1/8	412.59	1/8	229.04	1/8	51.99
1/4	775.47	1/4	592.49	1/4	408.76	1/4	225.23	1/4	49.07
3/8	771.78	3/8	588.66	3/8	404.93	3/8	221.41	3/8	46.14
1/2	768.10	1/2	584.83	1/2	401.11	1/2	217.59	1/2	43.21
5/8	764.41	5/8	581.00	5/8	397.28	5/8	213.77	5/8	40.29
3/4	760.63	3/4	577.18	3/4	393.45	3/4	209.95	3/4	38.06
7/8	756.84	7/8	573.35	7/8	389.62	7/8	206.14	7/8	35.83
2	753.05	8	569.52	2	385.80	8	202.32	2	33.60
1/8	749.26	1/8	565.69	1/8	381.97	1/8	198.50	1/8	31.37
1/4	745.47	1/4	561.87	1/4	378.14	1/4	194.68	1/4	29.14
3/8	741.68	3/8	558.04	3/8	374.31	3/8	190.87	3/8	26.91
1/2	737.90	1/2	554.21	1/2	370.49	1/2	187.05	1/2	24.68
5/8	734.11	5/8	550.38	5/8	366.66	5/8	183.23	5/8	22.45
3/4	730.28	3/4	546.56	3/4	362.83	3/4	179.41		
7/8	726.45	7/8	542.73	7/8	359.00	7/8	175.60		
3	722.63	9	538.90	3	355.18	9	171.78		
1/8	718.80	1/8	535.07	1/8	351.35	1/8	167.96		
1/4	714.97	1/4	531.25	1/4	347.52	1/4	164.15		
3/8	711.14	3/8	527.42	3/8	343.69	3/8	160.33		
1/2	707.32	1/2	523.59	1/2	339.87	1/2	156.51		
5/8	703.49	5/8	519.76	5/8	336.04	5/8	152.70		
3/4	699.66	3/4	515.94	3/4	332.21	3/4	148.89		
7/8	695.83	7/8	512.11	7/8	328.38	7/8	145.08		
4	692.00	10	508.28	4	324.56	10	141.27		
1/8	688.18	1/8	504.45	1/8	320.73	1/8	137.46		
1/4	684.35	1/4	500.62	1/4	316.90	1/4	133.65		
3/8	680.52	3/8	496.80	3/8	313.07	3/8	129.84		
1/2	676.69	1/2	492.97	1/2	309.24	1/2	126.03		
5/8	672.87	5/8	489.14	5/8	305.42	5/8	122.22		
3/4	669.04	3/4	485.31	3/4	301.60	3/4	118.43		
7/8	665.21	7/8	481.49	7/8	297.78	7/8	114.63		
5	661.38	11	477.66	5	293.96	11	110.84		
1/8	657.56	1/8	473.83	1/8	290.14	1/8	107.05		
1/4	653.73	1/4	470.00	1/4	286.32	1/4	103.26		
3/8	649.90	3/8	466.18	3/8	282.49	3/8	99.46		
1/2	646.07	1/2	462.35	1/2	278.67	1/2	95.67		
5/8	642.25	5/8	458.52	5/8	274.85	5/8	91.88		
3/4	638.42	3/4	454.69	3/4	271.04	3/4	88.35		
7/8	634.59	7/8	450.87	7/8	267.22	7/8	84.83		

GAUGE LOCATED 40'-7 3/4" FORWARD OF AFT BULKHEAD, AND 16'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

5 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6	0	6		
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8		11,915.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		11,913.51
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8		11,911.75
1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7	1	7		11,910.00
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8		11,908.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		11,906.49
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8		11,904.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		11,902.98
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8		11,901.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		11,899.18
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8		11,897.15
2	8	2	8	2	8	2	8	2	8	2	8	2	8	2	8	2	8		11,895.11
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8		11,893.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		11,891.03
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8		11,888.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		11,886.96
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8		11,884.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		11,882.60
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8		11,880.28
3	9	3	9	3	9	3	9	3	9	3	9	3	9	3	9	3	9		11,877.95
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8		11,875.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		11,873.31
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8		11,870.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		11,868.67
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8		11,866.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		11,863.74
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8		11,861.14
4	10	4	10	4	10	4	10	4	10	4	10	4	10	4	10	4	10		11,858.54
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8		11,855.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		11,853.33
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8		11,850.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		11,848.12
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8		11,845.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		11,842.63
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8		11,839.74
5	11	5	11	5	11	5	11	5	11	5	11	5	11	5	11	5	11		11,836.86
1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8		11,833.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		11,831.08
3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8		11,828.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		11,825.31
5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8	5/8		11,822.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		11,819.25
7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8		11,816.08

GAUGE LOCATED 41'-5 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

5 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	11,812.91	6	11,635.91	0	11,451.42	6	11,266.94	0	11,082.46	6	10,897.97	0	10,713.49	6	10,529.01	0	10,344.52	6	10,160.04
1/8	11,809.74	1/8	11,632.06	1/8	11,447.58	1/8	11,263.10	1/8	11,078.61	1/8	10,894.13	1/8	10,709.65	1/8	10,525.16	1/8	10,340.68	1/8	10,156.20
1/4	11,806.57	1/4	11,628.22	1/4	11,443.74	1/4	11,259.25	1/4	11,074.77	1/4	10,890.29	1/4	10,705.80	1/4	10,521.32	1/4	10,336.84	1/4	10,152.35
3/8	11,803.40	3/8	11,624.38	3/8	11,439.89	3/8	11,439.89	3/8	11,070.93	3/8	10,886.44	3/8	10,701.96	3/8	10,517.48	3/8	10,332.99	3/8	10,148.51
1/2	11,800.23	1/2	11,620.53	1/2	11,436.05	1/2	11,251.57	1/2	11,067.08	1/2	10,882.60	1/2	10,698.12	1/2	10,513.63	1/2	10,329.15	1/2	10,144.67
5/8	11,797.06	5/8	11,616.69	5/8	11,432.21	5/8	11,247.72	5/8	11,063.24	5/8	10,878.76	5/8	10,694.27	5/8	10,509.79	5/8	10,325.31	5/8	10,140.82
3/4	11,793.61	3/4	11,612.85	3/4	11,428.36	3/4	11,243.88	3/4	11,059.40	3/4	10,874.91	3/4	10,690.43	3/4	10,505.95	3/4	10,321.46	3/4	10,136.98
7/8	11,790.15	7/8	11,609.00	7/8	11,424.52	7/8	11,240.04	7/8	11,055.55	7/8	10,871.07	7/8	10,686.59	7/8	10,502.10	7/8	10,317.62	7/8	10,133.14
1	11,786.70	7	11,605.16	1	11,420.68	7	11,236.19	1	11,051.71	7	10,867.23	1	10,682.74	7	10,498.26	1	10,313.78	7	10,129.29
1/8	11,783.25	1/8	11,601.32	1/8	11,416.83	1/8	11,232.35	1/8	11,047.87	1/8	10,863.38	1/8	10,678.90	1/8	10,494.42	1/8	10,309.93	1/8	10,125.45
1/4	11,779.80	1/4	11,597.47	1/4	11,412.99	1/4	11,228.51	1/4	11,044.02	1/4	10,859.54	1/4	10,675.06	1/4	10,490.57	1/4	10,306.09	1/4	10,121.61
3/8	11,776.34	3/8	11,593.63	3/8	11,409.15	3/8	11,224.66	3/8	11,040.18	3/8	10,855.70	3/8	10,671.21	3/8	10,486.73	3/8	10,302.25	3/8	10,117.76
1/2	11,772.89	1/2	11,589.79	1/2	11,405.30	1/2	11,220.82	1/2	11,036.34	1/2	10,851.85	1/2	10,667.37	1/2	10,482.89	1/2	10,298.40	1/2	10,113.92
5/8	11,769.44	5/8	11,585.94	5/8	11,401.46	5/8	11,216.98	5/8	11,032.49	5/8	10,848.01	5/8	10,663.53	5/8	10,479.04	5/8	10,294.56	5/8	10,110.08
3/4	11,765.72	3/4	11,582.10	3/4	11,397.62	3/4	11,213.13	3/4	11,028.65	3/4	10,844.17	3/4	10,659.68	3/4	10,475.20	3/4	10,290.72	3/4	10,106.23
7/8	11,762.00	7/8	11,578.25	7/8	11,393.77	7/8	11,209.29	7/8	11,024.81	7/8	10,840.32	7/8	10,655.84	7/8	10,471.36	7/8	10,286.87	7/8	10,102.39
2	11,758.28	8	11,574.41	2	11,389.93	8	11,205.45	2	11,020.96	8	10,836.48	2	10,652.00	8	10,467.51	2	10,283.03	8	10,098.55
1/8	11,754.56	1/8	11,570.57	1/8	11,386.08	1/8	11,201.60	1/8	11,017.12	1/8	10,832.64	1/8	10,648.15	1/8	10,463.67	1/8	10,279.19	1/8	10,094.70
1/4	11,750.84	1/4	11,566.72	1/4	11,382.24	1/4	11,197.76	1/4	11,013.28	1/4	10,828.79	1/4	10,644.31	1/4	10,459.83	1/4	10,275.34	1/4	10,090.86
3/8	11,747.12	3/8	11,562.88	3/8	11,378.40	3/8	11,193.91	3/8	11,009.43	3/8	10,824.95	3/8	10,640.47	3/8	10,455.98	3/8	10,271.50	3/8	10,087.02
1/2	11,743.40	1/2	11,559.04	1/2	11,374.55	1/2	11,190.07	1/2	11,005.59	1/2	10,821.11	1/2	10,636.62	1/2	10,452.14	1/2	10,267.66	1/2	10,083.17
5/8	11,739.68	5/8	11,555.19	5/8	11,370.71	5/8	11,186.23	5/8	11,001.74	5/8	10,817.26	5/8	10,632.78	5/8	10,448.30	5/8	10,263.81	5/8	10,079.33
3/4	11,735.83	3/4	11,551.35	3/4	11,366.87	3/4	11,182.38	3/4	10,997.90	3/4	10,813.42	3/4	10,628.94	3/4	10,444.45	3/4	10,259.97	3/4	10,075.49
7/8	11,731.99	7/8	11,547.51	7/8	11,363.02	7/8	11,178.54	7/8	10,994.06	7/8	10,809.57	7/8	10,625.09	7/8	10,440.61	7/8	10,256.13	7/8	10,071.64
3	11,728.15	9	11,543.66	3	11,359.18	9	11,174.70	3	10,990.21	9	10,805.73	3	10,621.25	9	10,436.77	3	10,252.28	9	10,067.80
1/8	11,724.30	1/8	11,539.82	1/8	11,355.34	1/8	11,170.85	1/8	10,986.37	1/8	10,801.89	1/8	10,617.40	1/8	10,432.92	1/8	10,248.44	1/8	10,063.96
1/4	11,720.46	1/4	11,535.98	1/4	11,351.49	1/4	11,167.01	1/4	10,982.53	1/4	10,798.04	1/4	10,613.56	1/4	10,429.08	1/4	10,244.60	1/4	10,060.11
3/8	11,716.62	3/8	11,532.13	3/8	11,347.65	3/8	11,163.17	3/8	10,978.68	3/8	10,794.20	3/8	10,609.72	3/8	10,425.23	3/8	10,240.75	3/8	10,056.27
1/2	11,712.77	1/2	11,528.29	1/2	11,343.81	1/2	11,159.32	1/2	10,974.84	1/2	10,790.36	1/2	10,605.87	1/2	10,421.39	1/2	10,236.91	1/2	10,052.43
5/8	11,708.93	5/8	11,524.45	5/8	11,339.96	5/8	11,155.48	5/8	10,971.00	5/8	10,786.51	5/8	10,602.03	5/8	10,417.55	5/8	10,233.06	5/8	10,048.58
3/4	11,705.09	3/4	11,520.60	3/4	11,336.12	3/4	11,151.64	3/4	10,967.15	3/4	10,782.67	3/4	10,598.19	3/4	10,413.70	3/4	10,229.22	3/4	10,044.74
7/8	11,701.24	7/8	11,516.76	7/8	11,332.28	7/8	11,147.79	7/8	10,963.31	7/8	10,778.83	7/8	10,594.34	7/8	10,409.86	7/8	10,225.38	7/8	10,040.89
4	11,697.40	10	11,512.92	4	11,328.43	10	11,143.95	4	10,959.47	10	10,774.98	4	10,590.50	10	10,406.02	4	10,221.53	10	10,037.05
1/8	11,693.56	1/8	11,509.07	1/8	11,324.59	1/8	11,140.11	1/8	10,955.62	1/8	10,771.14	1/8	10,586.66	1/8	10,402.17	1/8	10,217.69	1/8	10,033.21
1/4	11,689.71	1/4	11,505.23	1/4	11,320.75	1/4	11,136.26	1/4	10,951.78	1/4	10,767.30	1/4	10,582.81	1/4	10,398.33	1/4	10,213.85	1/4	10,029.36
3/8	11,685.87	3/8	11,501.39	3/8	11,316.90	3/8	11,132.42	3/8	10,947.94	3/8	10,763.45	3/8	10,578.97	3/8	10,394.49	3/8	10,210.00	3/8	10,025.52
1/2	11,682.03	1/2	11,497.54	1/2	11,313.06	1/2	11,128.58	1/2	10,944.09	1/2	10,759.61	1/2	10,575.13	1/2	10,390.64	1/2	10,206.16	1/2	10,021.68
5/8	11,678.18	5/8	11,493.70	5/8	11,309.22	5/8	11,124.73	5/8	10,940.25	5/8	10,755.77	5/8	10,571.28	5/8	10,386.80	5/8	10,202.32	5/8	10,017.83
3/4	11,674.34	3/4	11,489.86	3/4	11,305.37	3/4	11,120.89	3/4	10,936.41	3/4	10,751.92	3/4	10,567.44	3/4	10,382.96	3/4	10,198.47	3/4	10,013.99
7/8	11,670.50	7/8	11,486.01	7/8	11,301.53	7/8	11,117.05	7/8	10,932.56	7/8	10,748.08	7/8	10,563.60	7/8	10,379.11	7/8	10,194.63	7/8	10,010.15
5	11,666.65	11	11,482.17	5	11,297.69	11	11,113.20	5	10,928.72	11	10,744.24	5	10,559.75	11	10,375.27	5	10,190.79	11	10,006.30
1/8	11,662.81	1/8	11,478.33	1/8	11,293.84	1/8	11,109.36	1/8	10,924.88	1/8	10,740.39	1/8	10,555.91	1/8	10,371.43	1/8	10,186.94	1/8	10,002.46
1/4	11,658.97	1/4	11,474.48	1/4	11,290.00	1/4	11,105.52	1/4	10,921.03	1/4	10,736.55	1/4	10,552.07	1/4	10,367.58	1/4	10,183.10	1/4	9,998.62
3/8	11,655.12	3/8	11,470.64	3/8	11,286.16	3/8	11,101.67	3/8	10,917.19	3/8	10,732.71	3/8	10,548.22	3/8	10,363.74	3/8	10,179.26	3/8	9,994.77
1/2	11,651.28	1/2	11,466.80	1/2	11,282.31	1/2	11,097.83	1/2	10,913.35	1/2	10,728.86	1/2	10,544.38	1/2	10,359.90	1/2	10,175.41	1/2	9,990.93
5/8	11,647.44	5/8	11,462.95	5/8	11,278.47	5/8	11,093.99	5/8	10,909.50	5/8	10,725.02	5/8	10,540.54	5/8	10,356.05	5/8	10,171.57	5/8	9,987.09
3/4	11,643.59	3/4	11,459.11	3/4	11,274.63	3/4	11,090.14	3/4	10,905.66	3/4	10,721.18	3/4	10,536.69	3/4	10,352.21	3/4	10,167.73	3/4	9,983.24
7/8	11,639.75	7/8	11,455.27	7/8	11,270.78	7/8	11,086.30	7/8	10,901.82	7/8	10,717.33	7/8	10,532.85	7/8	10,348.37	7/8	10,163.88	7/8	9,979.40

GAUGE LOCATED 41'-5 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**5 STAR
ULLAGE TABLE**

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	9,975.56	6	9,791.07	0	9,606.59	6	9,422.11	0	9,237.62	6	9,053.14	0	8,868.66	6	8,684.17	0	8,499.69	6	8,315.21
1/8	9,971.71	1/8	9,787.23	1/8	9,602.75	1/8	9,418.26	1/8	9,233.78	1/8	9,049.30	1/8	8,864.81	1/8	8,680.33	1/8	8,495.85	1/8	8,311.36
1/4	9,967.87	1/4	9,783.39	1/4	9,598.90	1/4	9,414.42	1/4	9,229.94	1/4	9,045.45	1/4	8,860.97	1/4	8,676.49	1/4	8,492.00	1/4	8,307.52
3/8	9,964.03	3/8	9,779.54	3/8	9,595.06	3/8	9,410.58	3/8	9,226.09	3/8	9,041.61	3/8	8,857.13	3/8	8,672.64	3/8	8,488.16	3/8	8,303.68
1/2	9,960.18	1/2	9,775.70	1/2	9,591.22	1/2	9,406.73	1/2	9,222.25	1/2	9,037.77	1/2	8,853.28	1/2	8,668.80	1/2	8,484.32	1/2	8,299.83
5/8	9,956.34	5/8	9,771.86	5/8	9,587.37	5/8	9,402.89	5/8	9,218.41	5/8	9,033.92	5/8	8,849.44	5/8	8,664.96	5/8	8,480.47	5/8	8,295.99
3/4	9,952.50	3/4	9,768.01	3/4	9,583.53	3/4	9,399.05	3/4	9,214.56	3/4	9,030.08	3/4	8,845.60	3/4	8,661.11	3/4	8,476.63	3/4	8,292.15
7/8	9,948.65	7/8	9,764.17	7/8	9,579.69	7/8	9,395.20	7/8	9,210.72	7/8	9,026.24	7/8	8,841.75	7/8	8,657.27	7/8	8,472.79	7/8	8,288.30
1	9,944.81	7	9,760.33	1	9,575.84	7	9,391.36	1	9,206.88	7	9,022.39	1	8,837.91	7	8,653.43	1	8,468.94	7	8,284.46
1/8	9,940.97	1/8	9,756.48	1/8	9,572.00	1/8	9,387.52	1/8	9,203.03	1/8	9,018.55	1/8	8,834.07	1/8	8,649.58	1/8	8,465.10	1/8	8,280.62
1/4	9,937.12	1/4	9,752.64	1/4	9,568.16	1/4	9,383.67	1/4	9,199.19	1/4	9,014.71	1/4	8,830.22	1/4	8,645.74	1/4	8,461.26	1/4	8,276.77
3/8	9,933.28	3/8	9,748.80	3/8	9,564.31	3/8	9,379.83	3/8	9,195.35	3/8	9,010.86	3/8	8,826.38	3/8	8,641.90	3/8	8,457.41	3/8	8,272.93
1/2	9,929.44	1/2	9,744.95	1/2	9,560.47	1/2	9,375.99	1/2	9,191.50	1/2	9,007.02	1/2	8,822.54	1/2	8,638.05	1/2	8,453.57	1/2	8,269.09
5/8	9,925.59	5/8	9,741.11	5/8	9,556.63	5/8	9,372.14	5/8	9,187.66	5/8	9,003.18	5/8	8,818.69	5/8	8,634.21	5/8	8,449.73	5/8	8,265.24
3/4	9,921.75	3/4	9,737.27	3/4	9,552.78	3/4	9,368.30	3/4	9,183.82	3/4	9,999.33	3/4	8,814.85	3/4	8,630.37	3/4	8,445.88	3/4	8,261.40
7/8	9,917.91	7/8	9,733.42	7/8	9,548.94	7/8	9,364.46	7/8	9,179.97	7/8	8,995.49	7/8	8,811.01	7/8	8,626.52	7/8	8,442.04	7/8	8,257.56
2	9,914.06	8	9,729.58	2	9,545.10	8	9,360.61	2	9,176.13	8	8,991.65	2	8,807.16	8	8,622.68	2	8,438.20	8	8,253.71
1/8	9,910.22	1/8	9,725.74	1/8	9,541.25	1/8	9,356.77	1/8	9,172.29	1/8	8,987.80	1/8	8,803.32	1/8	8,618.84	1/8	8,434.35	1/8	8,249.87
1/4	9,906.38	1/4	9,721.89	1/4	9,537.41	1/4	9,352.93	1/4	9,168.44	1/4	8,983.96	1/4	8,799.48	1/4	8,614.99	1/4	8,430.51	1/4	8,246.03
3/8	9,902.53	3/8	9,718.05	3/8	9,533.57	3/8	9,349.08	3/8	9,164.60	3/8	8,980.12	3/8	8,795.63	3/8	8,611.15	3/8	8,426.67	3/8	8,242.18
1/2	9,898.69	1/2	9,714.21	1/2	9,529.72	1/2	9,345.24	1/2	9,160.76	1/2	8,976.27	1/2	8,791.79	1/2	8,607.31	1/2	8,422.82	1/2	8,238.34
5/8	9,894.85	5/8	9,710.36	5/8	9,525.88	5/8	9,341.40	5/8	9,156.91	5/8	8,972.43	5/8	8,787.95	5/8	8,603.46	5/8	8,418.98	5/8	8,234.50
3/4	9,891.00	3/4	9,706.52	3/4	9,522.04	3/4	9,337.55	3/4	9,153.07	3/4	8,968.59	3/4	8,784.10	3/4	8,599.62	3/4	8,415.14	3/4	8,230.65
7/8	9,887.16	7/8	9,702.68	7/8	9,518.19	7/8	9,333.71	7/8	9,149.23	7/8	8,964.74	7/8	8,780.26	7/8	8,595.78	7/8	8,411.29	7/8	8,226.81
3	9,883.32	9	9,698.83	3	9,514.35	9	9,329.87	3	9,145.38	9	8,960.90	3	8,776.42	9	8,591.93	3	8,407.45	9	8,222.97
1/8	9,879.47	1/8	9,694.99	1/8	9,510.51	1/8	9,326.02	1/8	9,141.54	1/8	8,957.06	1/8	8,772.57	1/8	8,588.09	1/8	8,403.61	1/8	8,219.12
1/4	9,875.63	1/4	9,691.15	1/4	9,506.66	1/4	9,322.18	1/4	9,137.70	1/4	8,953.21	1/4	8,768.73	1/4	8,584.25	1/4	8,399.76	1/4	8,215.28
3/8	9,871.79	3/8	9,687.30	3/8	9,502.82	3/8	9,318.34	3/8	9,133.85	3/8	8,949.37	3/8	8,764.89	3/8	8,580.40	3/8	8,395.92	3/8	8,211.44
1/2	9,867.94	1/2	9,683.46	1/2	9,498.98	1/2	9,314.49	1/2	9,130.01	1/2	8,945.53	1/2	8,761.04	1/2	8,576.56	1/2	8,392.08	1/2	8,207.59
5/8	9,864.10	5/8	9,679.62	5/8	9,495.13	5/8	9,310.65	5/8	9,126.17	5/8	8,941.68	5/8	8,757.20	5/8	8,572.72	5/8	8,388.23	5/8	8,203.75
3/4	9,860.26	3/4	9,675.77	3/4	9,491.29	3/4	9,306.81	3/4	9,122.32	3/4	8,937.84	3/4	8,753.36	3/4	8,568.87	3/4	8,384.39	3/4	8,199.91
7/8	9,856.41	7/8	9,671.93	7/8	9,487.45	7/8	9,302.96	7/8	9,118.48	7/8	8,934.00	7/8	8,749.51	7/8	8,565.03	7/8	8,380.55	7/8	8,196.06
4	9,852.57	10	9,668.09	4	9,483.60	10	9,299.12	4	9,114.64	10	8,930.15	4	8,745.67	10	8,561.19	4	8,376.70	10	8,192.22
1/8	9,848.72	1/8	9,664.24	1/8	9,479.76	1/8	9,295.28	1/8	9,110.79	1/8	8,926.31	1/8	8,741.83	1/8	8,557.34	1/8	8,372.86	1/8	8,188.38
1/4	9,844.88	1/4	9,660.40	1/4	9,475.92	1/4	9,291.43	1/4	9,106.95	1/4	8,922.47	1/4	8,737.98	1/4	8,553.50	1/4	8,369.02	1/4	8,184.53
3/8	9,841.04	3/8	9,656.55	3/8	9,472.07	3/8	9,287.59	3/8	9,103.11	3/8	8,918.62	3/8	8,734.14	3/8	8,549.66	3/8	8,365.17	3/8	8,180.69
1/2	9,837.19	1/2	9,652.71	1/2	9,468.23	1/2	9,283.75	1/2	9,099.26	1/2	8,914.78	1/2	8,730.30	1/2	8,545.81	1/2	8,361.33	1/2	8,176.85
5/8	9,833.35	5/8	9,648.87	5/8	9,464.38	5/8	9,279.90	5/8	9,095.42	5/8	8,910.94	5/8	8,726.45	5/8	8,541.97	5/8	8,357.49	5/8	8,173.00
3/4	9,829.51	3/4	9,645.02	3/4	9,460.54	3/4	9,276.06	3/4	9,091.58	3/4	8,907.09	3/4	8,722.61	3/4	8,538.13	3/4	8,353.64	3/4	8,169.16
7/8	9,825.66	7/8	9,641.18	7/8	9,456.70	7/8	9,272.21	7/8	9,087.73	7/8	8,903.25	7/8	8,718.77	7/8	8,534.28	7/8	8,349.80	7/8	8,165.32
5	9,821.82	11	9,637.34	5	9,452.85	11	9,268.37	5	9,083.89	11	8,899.41	5	8,714.92	11	8,530.44	5	8,345.96	11	8,161.47
1/8	9,817.98	1/8	9,633.49	1/8	9,449.01	1/8	9,264.53	1/8	9,080.04	1/8	8,895.56	1/8	8,711.08	1/8	8,526.60	1/8	8,342.11	1/8	8,157.63
1/4	9,814.13	1/4	9,629.65	1/4	9,445.17	1/4	9,260.68	1/4	9,076.20	1/4	8,891.72	1/4	8,707.24	1/4	8,522.75	1/4	8,338.27	1/4	8,153.79
3/8	9,810.29	3/8	9,625.81	3/8	9,441.32	3/8	9,256.84	3/8	9,072.36	3/8	8,887.87	3/8	8,703.39	3/8	8,518.91	3/8	8,334.43	3/8	8,149.94
1/2	9,806.45	1/2	9,621.96	1/2	9,437.48	1/2	9,253.00	1/2	9,068.51	1/2	8,884.03	1/2	8,699.55	1/2	8,515.07	1/2	8,330.58	1/2	8,146.10
5/8	9,802.60	5/8	9,618.12	5/8	9,433.64	5/8	9,249.15	5/8	9,064.67	5/8	8,880.19	5/8	8,695.70	5/8	8,511.22	5/8	8,326.74	5/8	8,142.26
3/4	9,798.76	3/4	9,614.28	3/4	9,429.79	3/4	9,245.31	3/4	9,060.83	3/4	8,876.34	3/4	8,691.86	3/4	8,507.38	3/4	8,322.90	3/4	8,138.41
7/8	9,794.92	7/8	9,610.43	7/8	9,425.95	7/8	9,241.47	7/8	9,056.98	7/8	8,872.50	7/8	8,688.02	7/8	8,503.53	7/8	8,319.05	7/8	8,134.57

GAUGE LOCATED 41'-5 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

5 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	8,130.73	6	7,946.24	0	7,761.76	6	7,577.28	0	7,392.79	6	7,208.31	0	7,023.83	6	6,839.34	0	6,654.86	6	6,470.38
1/8	8,126.88	1/8	7,942.40	1/8	7,757.92	1/8	7,573.43	1/8	7,388.95	1/8	7,204.47	1/8	7,019.98	1/8	6,835.50	1/8	6,651.02	1/8	6,466.53
1/4	8,123.04	1/4	7,938.56	1/4	7,754.07	1/4	7,569.59	1/4	7,385.11	1/4	7,200.62	1/4	7,016.14	1/4	6,831.66	1/4	6,647.17	1/4	6,462.69
3/8	8,119.19	3/8	7,934.71	3/8	7,750.23	3/8	7,565.75	3/8	7,381.26	3/8	7,196.78	3/8	7,012.30	3/8	6,827.81	3/8	6,643.33	3/8	6,458.85
1/2	8,115.35	1/2	7,930.87	1/2	7,746.39	1/2	7,561.90	1/2	7,377.42	1/2	7,192.94	1/2	7,008.45	1/2	6,823.97	1/2	6,639.49	1/2	6,455.00
5/8	8,111.51	5/8	7,927.02	5/8	7,742.54	5/8	7,558.06	5/8	7,373.58	5/8	7,189.09	5/8	7,004.61	5/8	6,820.13	5/8	6,635.64	5/8	6,451.16
3/4	8,107.66	3/4	7,923.18	3/4	7,738.70	3/4	7,554.22	3/4	7,369.73	3/4	7,185.25	3/4	7,000.77	3/4	6,816.28	3/4	6,631.80	3/4	6,447.32
7/8	8,103.82	7/8	7,919.34	7/8	7,734.85	7/8	7,550.37	7/8	7,365.89	7/8	7,181.41	7/8	6,996.92	7/8	6,812.44	7/8	6,627.96	7/8	6,443.47
1	8,099.98	7	7,915.49	1	7,731.01	7	7,546.53	1	7,362.05	7	7,177.56	1	6,993.08	7	6,808.60	1	6,624.11	7	6,439.63
1/8	8,096.13	1/8	7,911.65	1/8	7,727.17	1/8	7,542.68	1/8	7,358.20	1/8	7,173.72	1/8	6,989.24	1/8	6,804.75	1/8	6,620.27	1/8	6,435.79
1/4	8,092.29	1/4	7,907.81	1/4	7,723.32	1/4	7,538.84	1/4	7,354.36	1/4	7,169.88	1/4	6,985.39	1/4	6,800.91	1/4	6,616.43	1/4	6,431.94
3/8	8,088.45	3/8	7,903.96	3/8	7,719.48	3/8	7,535.00	3/8	7,350.51	3/8	7,166.03	3/8	6,981.55	3/8	6,797.07	3/8	6,612.58	3/8	6,428.10
1/2	8,084.60	1/2	7,900.12	1/2	7,715.64	1/2	7,531.15	1/2	7,346.67	1/2	7,162.19	1/2	6,977.71	1/2	6,793.22	1/2	6,608.74	1/2	6,424.26
5/8	8,080.76	5/8	7,896.28	5/8	7,711.79	5/8	7,527.31	5/8	7,342.83	5/8	7,158.34	5/8	6,973.86	5/8	6,789.38	5/8	6,604.90	5/8	6,420.41
3/4	8,076.92	3/4	7,892.43	3/4	7,707.95	3/4	7,523.47	3/4	7,338.98	3/4	7,154.50	3/4	6,970.02	3/4	6,785.54	3/4	6,601.05	3/4	6,416.57
7/8	8,073.07	7/8	7,888.59	7/8	7,704.11	7/8	7,519.62	7/8	7,335.14	7/8	7,150.66	7/8	6,966.17	7/8	6,781.69	7/8	6,597.21	7/8	6,412.73
2	8,069.23	8	7,884.75	2	7,700.26	8	7,515.78	2	7,331.30	8	7,146.81	2	6,962.33	8	6,777.85	2	6,593.37	8	6,408.88
1/8	8,065.39	1/8	7,880.90	1/8	7,696.42	1/8	7,511.94	1/8	7,327.45	1/8	7,142.97	1/8	6,958.49	1/8	6,774.00	1/8	6,589.52	1/8	6,405.04
1/4	8,061.54	1/4	7,877.06	1/4	7,692.58	1/4	7,508.09	1/4	7,323.61	1/4	7,139.13	1/4	6,954.64	1/4	6,770.16	1/4	6,585.68	1/4	6,401.20
3/8	8,057.70	3/8	7,873.22	3/8	7,688.73	3/8	7,504.25	3/8	7,319.77	3/8	7,135.28	3/8	6,950.80	3/8	6,766.32	3/8	6,581.83	3/8	6,397.35
1/2	8,053.86	1/2	7,869.37	1/2	7,684.89	1/2	7,500.41	1/2	7,315.92	1/2	7,131.44	1/2	6,946.96	1/2	6,762.47	1/2	6,577.99	1/2	6,393.51
5/8	8,050.01	5/8	7,865.53	5/8	7,681.05	5/8	7,496.56	5/8	7,312.08	5/8	7,127.60	5/8	6,943.11	5/8	6,758.63	5/8	6,574.15	5/8	6,389.66
3/4	8,046.17	3/4	7,861.69	3/4	7,677.20	3/4	7,492.72	3/4	7,308.24	3/4	7,123.75	3/4	6,939.27	3/4	6,754.79	3/4	6,570.30	3/4	6,385.82
7/8	8,042.33	7/8	7,857.84	7/8	7,673.36	7/8	7,488.88	7/8	7,304.39	7/8	7,119.91	7/8	6,935.43	7/8	6,750.94	7/8	6,566.46	7/8	6,381.98
3	8,038.48	9	7,854.00	3	7,669.52	9	7,485.03	3	7,300.55	9	7,116.07	3	6,931.58	9	6,747.10	3	6,562.62	9	6,378.13
1/8	8,034.64	1/8	7,850.16	1/8	7,665.67	1/8	7,481.19	1/8	7,296.71	1/8	7,112.22	1/8	6,927.74	1/8	6,743.26	1/8	6,558.77	1/8	6,374.29
1/4	8,030.80	1/4	7,846.31	1/4	7,661.83	1/4	7,477.35	1/4	7,292.86	1/4	7,108.38	1/4	6,923.90	1/4	6,739.41	1/4	6,554.93	1/4	6,370.45
3/8	8,026.95	3/8	7,842.47	3/8	7,657.99	3/8	7,473.50	3/8	7,289.02	3/8	7,104.54	3/8	6,920.05	3/8	6,735.57	3/8	6,551.09	3/8	6,366.60
1/2	8,023.11	1/2	7,838.63	1/2	7,654.14	1/2	7,469.66	1/2	7,285.18	1/2	7,100.69	1/2	6,916.21	1/2	6,731.73	1/2	6,547.24	1/2	6,362.76
5/8	8,019.27	5/8	7,834.78	5/8	7,650.30	5/8	7,465.82	5/8	7,281.33	5/8	7,096.85	5/8	6,912.37	5/8	6,727.88	5/8	6,543.40	5/8	6,358.92
3/4	8,015.42	3/4	7,830.94	3/4	7,646.46	3/4	7,461.97	3/4	7,277.49	3/4	7,093.01	3/4	6,908.52	3/4	6,724.04	3/4	6,539.56	3/4	6,355.07
7/8	8,011.58	7/8	7,827.10	7/8	7,642.61	7/8	7,458.13	7/8	7,273.65	7/8	7,089.16	7/8	6,904.68	7/8	6,720.20	7/8	6,535.71	7/8	6,351.23
4	8,007.74	10	7,823.25	4	7,638.77	10	7,454.29	4	7,269.80	10	7,085.32	4	6,900.84	10	6,716.35	4	6,531.87	10	6,347.39
1/8	8,003.89	1/8	7,819.41	1/8	7,634.93	1/8	7,450.44	1/8	7,265.96	1/8	7,081.48	1/8	6,896.99	1/8	6,712.51	1/8	6,528.03	1/8	6,343.54
1/4	8,000.05	1/4	7,815.57	1/4	7,631.08	1/4	7,446.60	1/4	7,262.12	1/4	7,077.63	1/4	6,893.15	1/4	6,708.67	1/4	6,524.18	1/4	6,339.70
3/8	7,996.21	3/8	7,811.72	3/8	7,627.24	3/8	7,442.76	3/8	7,258.27	3/8	7,073.79	3/8	6,889.31	3/8	6,704.82	3/8	6,520.34	3/8	6,335.86
1/2	7,992.36	1/2	7,807.88	1/2	7,623.40	1/2	7,438.91	1/2	7,254.43	1/2	7,069.95	1/2	6,885.46	1/2	6,700.98	1/2	6,516.50	1/2	6,332.01
5/8	7,988.52	5/8	7,804.04	5/8	7,619.55	5/8	7,435.07	5/8	7,250.59	5/8	7,066.10	5/8	6,881.62	5/8	6,697.14	5/8	6,512.65	5/8	6,328.17
3/4	7,984.68	3/4	7,800.19	3/4	7,615.71	3/4	7,431.23	3/4	7,246.74	3/4	7,062.26	3/4	6,877.78	3/4	6,693.29	3/4	6,508.81	3/4	6,324.33
7/8	7,980.83	7/8	7,796.35	7/8	7,611.87	7/8	7,427.38	7/8	7,242.90	7/8	7,058.42	7/8	6,873.93	7/8	6,689.45	7/8	6,504.97	7/8	6,320.48
5	7,976.99	11	7,792.51	5	7,608.02	11	7,423.54	5	7,239.06	11	7,054.57	5	6,870.09	11	6,685.61	5	6,501.12	11	6,316.64
1/8	7,973.15	1/8	7,788.66	1/8	7,604.18	1/8	7,419.70	1/8	7,235.21	1/8	7,050.73	1/8	6,866.25	1/8	6,681.76	1/8	6,497.28	1/8	6,312.80
1/4	7,969.30	1/4	7,784.82	1/4	7,600.34	1/4	7,415.85	1/4	7,231.37	1/4	7,046.89	1/4	6,862.40	1/4	6,677.92	1/4	6,493.44	1/4	6,308.95
3/8	7,965.46	3/8	7,780.98	3/8	7,596.49	3/8	7,412.01	3/8	7,227.53	3/8	7,043.04	3/8	6,858.56	3/8	6,674.08	3/8	6,489.59	3/8	6,305.11
1/2	7,961.62	1/2	7,777.13	1/2	7,592.65	1/2	7,408.17	1/2	7,223.68	1/2	7,039.20	1/2	6,854.72	1/2	6,670.23	1/2	6,485.75	1/2	6,301.27
5/8	7,957.77	5/8	7,773.29	5/8	7,588.81	5/8	7,404.32	5/8	7,219.84	5/8	7,035.36	5/8	6,850.87	5/8	6,666.39	5/8	6,481.91	5/8	6,297.42
3/4	7,953.93	3/4	7,769.45	3/4	7,584.96	3/4	7,400.48	3/4	7,216.00	3/4	7,031.51	3/4	6,847.03	3/4	6,662.55	3/4	6,478.06	3/4	6,293.58
7/8	7,950.09	7/8	7,765.60	7/8	7,581.12	7/8	7,396.64	7/8	7,212.15	7/8	7,027.67	7/8	6,843.19	7/8	6,658.70	7/8	6,474.22	7/8	6,289.74

GAUGE LOCATED 41'-5 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

5 STAR
ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	6,285.89	6	6,101.41	0	5,916.93	6	5,732.44	0	5,547.96	6	5,363.48	0	5,178.99	6	4,994.51	0	4,810.03	6	4,625.54
1/8	6,282.05	1/8	6,097.57	1/8	5,913.08	1/8	5,728.60	1/8	5,544.12	1/8	5,359.63	1/8	5,175.15	1/8	4,990.67	1/8	4,806.18	1/8	4,621.70
1/4	6,278.21	1/4	6,093.72	1/4	5,909.24	1/4	5,724.76	1/4	5,540.27	1/4	5,355.79	1/4	5,171.31	1/4	4,986.82	1/4	4,802.34	1/4	4,617.86
3/8	6,274.36	3/8	6,089.88	3/8	5,905.40	3/8	5,720.91	3/8	5,536.43	3/8	5,351.95	3/8	5,167.46	3/8	4,982.98	3/8	4,798.50	3/8	4,614.01
1/2	6,270.52	1/2	6,086.04	1/2	5,901.55	1/2	5,717.07	1/2	5,532.59	1/2	5,348.10	1/2	5,163.62	1/2	4,979.14	1/2	4,794.65	1/2	4,610.17
5/8	6,266.68	5/8	6,082.19	5/8	5,897.71	5/8	5,713.23	5/8	5,528.74	5/8	5,344.26	5/8	5,159.78	5/8	4,975.29	5/8	4,790.81	5/8	4,606.33
3/4	6,262.83	3/4	6,078.35	3/4	5,893.87	3/4	5,709.38	3/4	5,524.90	3/4	5,340.42	3/4	5,155.93	3/4	4,971.45	3/4	4,786.97	3/4	4,602.48
7/8	6,258.99	7/8	6,074.51	7/8	5,890.02	7/8	5,705.54	7/8	5,521.06	7/8	5,336.57	7/8	5,152.09	7/8	4,967.61	7/8	4,783.12	7/8	4,598.64
1	6,255.15	7	6,070.66	1	5,886.18	7	5,701.70	1	5,517.21	7	5,332.73	1	5,148.25	7	4,963.76	1	4,779.28	7	4,594.80
1/8	6,251.30	1/8	6,066.82	1/8	5,882.34	1/8	5,697.85	1/8	5,513.37	1/8	5,328.89	1/8	5,144.40	1/8	4,959.92	1/8	4,775.44	1/8	4,590.95
1/4	6,247.46	1/4	6,062.98	1/4	5,878.49	1/4	5,694.01	1/4	5,509.53	1/4	5,325.04	1/4	5,140.56	1/4	4,956.08	1/4	4,771.59	1/4	4,587.11
3/8	6,243.62	3/8	6,059.13	3/8	5,874.65	3/8	5,690.17	3/8	5,505.68	3/8	5,321.20	3/8	5,136.72	3/8	4,952.23	3/8	4,767.75	3/8	4,583.27
1/2	6,239.77	1/2	6,055.29	1/2	5,870.81	1/2	5,686.32	1/2	5,501.84	1/2	5,317.36	1/2	5,132.87	1/2	4,948.39	1/2	4,763.91	1/2	4,579.42
5/8	6,235.93	5/8	6,051.45	5/8	5,866.96	5/8	5,682.48	5/8	5,498.00	5/8	5,313.51	5/8	5,129.03	5/8	4,944.55	5/8	4,760.06	5/8	4,575.58
3/4	6,232.09	3/4	6,047.60	3/4	5,863.12	3/4	5,678.64	3/4	5,494.15	3/4	5,309.67	3/4	5,125.19	3/4	4,940.70	3/4	4,756.22	3/4	4,571.74
7/8	6,228.24	7/8	6,043.76	7/8	5,859.28	7/8	5,674.79	7/8	5,490.31	7/8	5,305.83	7/8	5,121.34	7/8	4,936.86	7/8	4,752.38	7/8	4,567.89
2	6,224.40	8	6,039.92	2	5,855.43	8	5,670.95	2	5,486.47	8	5,301.98	2	5,117.50	8	4,933.02	2	4,748.53	8	4,564.05
1/8	6,220.56	1/8	6,036.07	1/8	5,851.59	1/8	5,667.11	1/8	5,482.62	1/8	5,298.14	1/8	5,113.66	1/8	4,929.17	1/8	4,744.69	1/8	4,560.21
1/4	6,216.71	1/4	6,032.23	1/4	5,847.75	1/4	5,663.26	1/4	5,478.78	1/4	5,294.30	1/4	5,109.81	1/4	4,925.33	1/4	4,740.85	1/4	4,556.36
3/8	6,212.87	3/8	6,028.39	3/8	5,843.90	3/8	5,659.42	3/8	5,474.94	3/8	5,290.45	3/8	5,105.97	3/8	4,921.49	3/8	4,737.00	3/8	4,552.52
1/2	6,209.03	1/2	6,024.54	1/2	5,840.06	1/2	5,655.58	1/2	5,471.09	1/2	5,286.61	1/2	5,102.13	1/2	4,917.64	1/2	4,733.16	1/2	4,548.68
5/8	6,205.18	5/8	6,020.70	5/8	5,836.22	5/8	5,651.73	5/8	5,467.25	5/8	5,282.77	5/8	5,098.28	5/8	4,913.80	5/8	4,729.32	5/8	4,544.83
3/4	6,201.34	3/4	6,016.86	3/4	5,832.37	3/4	5,647.89	3/4	5,463.41	3/4	5,278.92	3/4	5,094.44	3/4	4,909.96	3/4	4,725.47	3/4	4,540.99
7/8	6,197.49	7/8	6,013.01	7/8	5,828.53	7/8	5,644.05	7/8	5,459.56	7/8	5,275.08	7/8	5,090.60	7/8	4,906.11	7/8	4,721.63	7/8	4,537.15
3	6,193.65	9	6,009.17	3	5,824.69	9	5,640.20	3	5,455.72	9	5,271.24	3	5,086.75	9	4,902.27	3	4,717.79	9	4,533.30
1/8	6,189.81	1/8	6,005.32	1/8	5,820.84	1/8	5,636.36	1/8	5,451.88	1/8	5,267.39	1/8	5,082.91	1/8	4,898.43	1/8	4,713.94	1/8	4,529.46
1/4	6,185.96	1/4	6,001.48	1/4	5,817.00	1/4	5,632.52	1/4	5,448.03	1/4	5,263.55	1/4	5,079.07	1/4	4,894.58	1/4	4,710.10	1/4	4,525.62
3/8	6,182.12	3/8	5,997.64	3/8	5,813.15	3/8	5,628.67	3/8	5,444.19	3/8	5,259.71	3/8	5,075.22	3/8	4,890.74	3/8	4,706.26	3/8	4,521.77
1/2	6,178.28	1/2	5,993.79	1/2	5,809.31	1/2	5,624.83	1/2	5,440.35	1/2	5,255.86	1/2	5,071.38	1/2	4,886.90	1/2	4,702.41	1/2	4,517.93
5/8	6,174.43	5/8	5,989.95	5/8	5,805.47	5/8	5,620.98	5/8	5,436.50	5/8	5,252.02	5/8	5,067.54	5/8	4,883.05	5/8	4,698.57	5/8	4,514.09
3/4	6,170.59	3/4	5,986.11	3/4	5,801.62	3/4	5,617.14	3/4	5,432.66	3/4	5,248.18	3/4	5,063.69	3/4	4,879.21	3/4	4,694.73	3/4	4,510.24
7/8	6,166.75	7/8	5,982.26	7/8	5,797.78	7/8	5,613.30	7/8	5,428.81	7/8	5,244.33	7/8	5,059.85	7/8	4,875.37	7/8	4,690.88	7/8	4,506.40
4	6,162.90	10	5,978.42	4	5,793.94	10	5,609.45	4	5,424.97	10	5,240.49	4	5,056.01	10	4,871.52	4	4,687.04	10	4,502.56
1/8	6,159.06	1/8	5,974.58	1/8	5,790.09	1/8	5,605.61	1/8	5,421.13	1/8	5,236.64	1/8	5,052.16	1/8	4,867.68	1/8	4,683.20	1/8	4,498.71
1/4	6,155.22	1/4	5,970.73	1/4	5,786.25	1/4	5,601.77	1/4	5,417.28	1/4	5,232.80	1/4	5,048.32	1/4	4,863.84	1/4	4,679.35	1/4	4,494.87
3/8	6,151.37	3/8	5,966.89	3/8	5,782.41	3/8	5,597.92	3/8	5,413.44	3/8	5,228.96	3/8	5,044.47	3/8	4,859.99	3/8	4,675.51	3/8	4,491.03
1/2	6,147.53	1/2	5,963.05	1/2	5,778.56	1/2	5,594.08	1/2	5,409.60	1/2	5,225.11	1/2	5,040.63	1/2	4,856.15	1/2	4,671.67	1/2	4,487.18
5/8	6,143.69	5/8	5,959.20	5/8	5,774.72	5/8	5,590.24	5/8	5,405.75	5/8	5,221.27	5/8	5,036.79	5/8	4,852.30	5/8	4,667.82	5/8	4,483.34
3/4	6,139.84	3/4	5,955.36	3/4	5,770.88	3/4	5,586.39	3/4	5,401.91	3/4	5,217.43	3/4	5,032.94	3/4	4,848.46	3/4	4,663.98	3/4	4,479.50
7/8	6,136.00	7/8	5,951.52	7/8	5,767.03	7/8	5,582.55	7/8	5,398.07	7/8	5,213.58	7/8	5,029.10	7/8	4,844.62	7/8	4,660.13	7/8	4,475.67
5	6,132.16	11	5,947.67	5	5,763.19	11	5,578.71	5	5,394.22	11	5,209.74	5	5,025.26	11	4,840.77	5	4,656.29	11	4,471.84
1/8	6,128.31	1/8	5,943.83	1/8	5,759.35	1/8	5,574.86	1/8	5,390.38	1/8	5,205.90	1/8	5,021.41	1/8	4,836.93	1/8	4,652.45	1/8	4,468.00
1/4	6,124.47	1/4	5,939.99	1/4	5,755.50	1/4	5,571.02	1/4	5,386.54	1/4	5,202.05	1/4	5,017.57	1/4	4,833.09	1/4	4,648.60	1/4	4,464.17
3/8	6,120.63	3/8	5,936.14	3/8	5,751.66	3/8	5,567.18	3/8	5,382.69	3/8	5,198.21	3/8	5,013.73	3/8	4,829.24	3/8	4,644.76	3/8	4,460.34
1/2	6,116.78	1/2	5,932.30	1/2	5,747.82	1/2	5,563.33	1/2	5,378.85	1/2	5,194.37	1/2	5,009.88	1/2	4,825.40	1/2	4,640.92	1/2	4,456.50
5/8	6,112.94	5/8	5,928.46	5/8	5,743.97	5/8	5,559.49	5/8	5,375.01	5/8	5,190.52	5/8	5,006.04	5/8	4,821.56	5/8	4,637.07	5/8	4,452.67
3/4	6,109.10	3/4	5,924.61	3/4	5,740.13	3/4	5,555.65	3/4	5,371.16	3/4	5,186.68	3/4	5,002.20	3/4	4,817.71	3/4	4,633.23	3/4	4,448.85
7/8	6,105.25	7/8	5,920.77	7/8	5,736.29	7/8	5,551.80	7/8	5,367.32	7/8	5,182.84	7/8	4,998.35	7/8	4,813.87	7/8	4,629.39	7/8	4,445.03

GAUGE LOCATED 41'-5 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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COMPUTED BY: TH 03/04/05
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SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

5 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	4,441.21	6	4,257.88	0	4,074.55	6	3,891.22	0	3,707.88	6	3,524.55	0	3,341.22	6	3,157.89	0	2,974.56	6	2,793.08
1/8	4,437.39	1/8	4,254.06	1/8	4,070.73	1/8	3,887.40	1/8	3,704.06	1/8	3,520.73	1/8	3,337.40	1/8	3,154.07	1/8	2,970.74	1/8	2,789.35
1/4	4,433.57	1/4	4,250.24	1/4	4,066.91	1/4	3,883.58	1/4	3,700.25	1/4	3,516.91	1/4	3,333.58	1/4	3,150.25	1/4	2,966.92	1/4	2,785.61
3/8	4,429.75	3/8	4,246.42	3/8	4,063.09	3/8	3,879.76	3/8	3,696.43	3/8	3,513.09	3/8	3,329.76	3/8	3,146.43	3/8	2,963.10	3/8	2,781.88
1/2	4,425.93	1/2	4,242.60	1/2	4,059.27	1/2	3,875.94	1/2	3,692.61	1/2	3,509.28	1/2	3,325.94	1/2	3,142.61	1/2	2,959.28	1/2	2,778.14
5/8	4,422.11	5/8	4,238.78	5/8	4,055.45	5/8	3,872.12	5/8	3,688.79	5/8	3,505.46	5/8	3,322.12	5/8	3,138.79	5/8	2,955.46	5/8	2,774.41
3/4	4,418.29	3/4	4,234.96	3/4	4,051.63	3/4	3,868.30	3/4	3,684.97	3/4	3,501.64	3/4	3,318.31	3/4	3,134.97	3/4	2,951.64	3/4	2,770.67
7/8	4,414.47	7/8	4,231.14	7/8	4,047.81	7/8	3,864.48	7/8	3,681.15	7/8	3,497.82	7/8	3,314.49	7/8	3,131.15	7/8	2,947.82	7/8	2,766.94
1	4,410.65	7	4,227.32	1	4,043.99	7	3,860.66	1	3,677.33	7	3,494.00	1	3,310.67	7	3,127.34	1	2,944.00	7	2,763.20
1/8	4,406.83	1/8	4,223.50	1/8	4,040.17	1/8	3,856.84	1/8	3,673.51	1/8	3,490.18	1/8	3,306.85	1/8	3,123.52	1/8	2,940.18	1/8	2,759.47
1/4	4,403.02	1/4	4,219.68	1/4	4,036.35	1/4	3,853.02	1/4	3,669.69	1/4	3,486.36	1/4	3,303.03	1/4	3,119.70	1/4	2,936.37	1/4	2,755.73
3/8	4,399.20	3/8	4,215.86	3/8	4,032.53	3/8	3,849.20	3/8	3,665.87	3/8	3,482.54	3/8	3,299.21	3/8	3,115.88	3/8	2,932.55	3/8	2,752.00
1/2	4,395.38	1/2	4,212.05	1/2	4,028.71	1/2	3,845.38	1/2	3,662.05	1/2	3,478.72	1/2	3,295.39	1/2	3,112.06	1/2	2,928.73	1/2	2,748.26
5/8	4,391.56	5/8	4,208.23	5/8	4,024.89	5/8	3,841.56	5/8	3,658.23	5/8	3,474.90	5/8	3,291.57	5/8	3,108.24	5/8	2,924.91	5/8	2,744.53
3/4	4,387.74	3/4	4,204.41	3/4	4,021.08	3/4	3,837.74	3/4	3,654.41	3/4	3,471.08	3/4	3,287.75	3/4	3,104.42	3/4	2,921.09	3/4	2,740.79
7/8	4,383.92	7/8	4,200.59	7/8	4,017.26	7/8	3,833.92	7/8	3,650.59	7/8	3,467.26	7/8	3,283.93	7/8	3,100.60	7/8	2,917.27	7/8	2,737.06
2	4,380.10	8	4,196.77	2	4,013.44	8	3,830.11	2	3,646.77	8	3,463.44	2	3,280.11	8	3,096.78	2	2,913.45	8	2,733.32
1/8	4,376.28	1/8	4,192.95	1/8	4,009.62	1/8	3,826.29	1/8	3,642.95	1/8	3,459.62	1/8	3,276.29	1/8	3,092.96	1/8	2,909.63	1/8	2,729.59
1/4	4,372.46	1/4	4,189.13	1/4	4,005.80	1/4	3,822.47	1/4	3,639.14	1/4	3,455.80	1/4	3,272.47	1/4	3,089.14	1/4	2,905.81	1/4	2,725.85
3/8	4,368.64	3/8	4,185.31	3/8	4,001.98	3/8	3,818.65	3/8	3,635.32	3/8	3,451.98	3/8	3,268.65	3/8	3,085.32	3/8	2,901.99	3/8	2,722.12
1/2	4,364.82	1/2	4,181.49	1/2	3,998.16	1/2	3,814.83	1/2	3,631.50	1/2	3,448.17	1/2	3,264.83	1/2	3,081.50	1/2	2,898.17	1/2	2,718.38
5/8	4,361.00	5/8	4,177.67	5/8	3,994.34	5/8	3,811.01	5/8	3,627.68	5/8	3,444.35	5/8	3,261.01	5/8	3,077.68	5/8	2,894.35	5/8	2,714.65
3/4	4,357.18	3/4	4,173.85	3/4	3,990.52	3/4	3,807.19	3/4	3,623.86	3/4	3,440.53	3/4	3,257.20	3/4	3,073.86	3/4	2,890.56	3/4	2,710.91
7/8	4,353.36	7/8	4,170.03	7/8	3,986.70	7/8	3,803.37	7/8	3,620.04	7/8	3,436.71	7/8	3,253.38	7/8	3,070.04	7/8	2,886.78	7/8	2,707.18
3	4,349.54	9	4,166.21	3	3,982.88	9	3,799.55	3	3,616.22	9	3,432.89	3	3,249.56	9	3,066.23	3	2,882.99	9	2,703.44
1/8	4,345.72	1/8	4,162.39	1/8	3,979.06	1/8	3,795.73	1/8	3,612.40	1/8	3,429.07	1/8	3,245.74	1/8	3,062.41	1/8	2,879.20	1/8	2,699.71
1/4	4,341.90	1/4	4,158.57	1/4	3,975.24	1/4	3,791.91	1/4	3,608.58	1/4	3,425.25	1/4	3,241.92	1/4	3,058.59	1/4	2,875.41	1/4	2,695.97
3/8	4,338.09	3/8	4,154.75	3/8	3,971.42	3/8	3,788.09	3/8	3,604.76	3/8	3,421.43	3/8	3,238.10	3/8	3,054.77	3/8	2,871.62	3/8	2,692.24
1/2	4,334.27	1/2	4,150.93	1/2	3,967.60	1/2	3,784.27	1/2	3,600.94	1/2	3,417.61	1/2	3,234.28	1/2	3,050.95	1/2	2,867.84	1/2	2,688.50
5/8	4,330.45	5/8	4,147.12	5/8	3,963.78	5/8	3,780.45	5/8	3,597.12	5/8	3,413.79	5/8	3,230.46	5/8	3,047.13	5/8	2,864.05	5/8	2,684.77
3/4	4,326.63	3/4	4,143.30	3/4	3,959.96	3/4	3,776.63	3/4	3,593.30	3/4	3,409.97	3/4	3,226.64	3/4	3,043.31	3/4	2,860.31	3/4	2,681.03
7/8	4,322.81	7/8	4,139.48	7/8	3,956.15	7/8	3,772.81	7/8	3,589.48	7/8	3,406.15	7/8	3,222.82	7/8	3,039.49	7/8	2,856.58	7/8	2,677.30
4	4,318.99	10	4,135.66	4	3,952.33	10	3,768.99	4	3,585.66	10	3,402.33	4	3,219.00	10	3,035.67	4	2,852.84	10	2,673.56
1/8	4,315.17	1/8	4,131.84	1/8	3,948.51	1/8	3,765.18	1/8	3,581.84	1/8	3,398.51	1/8	3,215.18	1/8	3,031.85	1/8	2,849.11	1/8	2,669.83
1/4	4,311.35	1/4	4,128.02	1/4	3,944.69	1/4	3,761.36	1/4	3,578.02	1/4	3,394.69	1/4	3,211.36	1/4	3,028.03	1/4	2,845.37	1/4	2,666.09
3/8	4,307.53	3/8	4,124.20	3/8	3,940.87	3/8	3,757.54	3/8	3,574.21	3/8	3,390.87	3/8	3,207.54	3/8	3,024.21	3/8	2,841.64	3/8	2,662.36
1/2	4,303.71	1/2	4,120.38	1/2	3,937.05	1/2	3,753.72	1/2	3,570.39	1/2	3,387.05	1/2	3,203.72	1/2	3,020.39	1/2	2,837.90	1/2	2,658.62
5/8	4,299.89	5/8	4,116.56	5/8	3,933.23	5/8	3,749.90	5/8	3,566.57	5/8	3,383.24	5/8	3,199.90	5/8	3,016.57	5/8	2,834.17	5/8	2,654.89
3/4	4,296.07	3/4	4,112.74	3/4	3,929.41	3/4	3,746.08	3/4	3,562.75	3/4	3,379.42	3/4	3,196.08	3/4	3,012.75	3/4	2,830.43	3/4	2,651.15
7/8	4,292.25	7/8	4,108.92	7/8	3,925.59	7/8	3,742.26	7/8	3,558.93	7/8	3,375.60	7/8	3,192.27	7/8	3,008.93	7/8	2,826.70	7/8	2,647.42
5	4,288.43	11	4,105.10	5	3,921.77	11	3,738.44	5	3,555.11	11	3,371.78	5	3,188.45	11	3,005.11	5	2,822.96	11	2,643.68
1/8	4,284.61	1/8	4,101.28	1/8	3,917.95	1/8	3,734.62	1/8	3,551.29	1/8	3,367.96	1/8	3,184.63	1/8	3,001.30	1/8	2,819.23	1/8	2,639.95
1/4	4,280.79	1/4	4,097.46	1/4	3,914.13	1/4	3,730.80	1/4	3,547.47	1/4	3,364.14	1/4	3,180.81	1/4	2,997.48	1/4	2,815.49	1/4	2,636.21
3/8	4,276.97	3/8	4,093.64	3/8	3,910.31	3/8	3,726.98	3/8	3,543.65	3/8	3,360.32	3/8	3,176.99	3/8	2,993.66	3/8	2,811.76	3/8	2,632.48
1/2	4,273.16	1/2	4,089.82	1/2	3,906.49	1/2	3,723.16	1/2	3,539.83	1/2	3,356.50	1/2	3,173.17	1/2	2,989.84	1/2	2,808.02	1/2	2,628.74
5/8	4,269.34	5/8	4,086.00	5/8	3,902.67	5/8	3,719.34	5/8	3,536.01	5/8	3,352.68	5/8	3,169.35	5/8	2,986.02	5/8	2,804.29	5/8	2,625.01
3/4	4,265.52	3/4	4,082.19	3/4	3,898.85	3/4	3,715.52	3/4	3,532.19	3/4	3,348.86	3/4	3,165.53	3/4	2,982.20	3/4	2,800.55	3/4	2,621.27
7/8	4,261.70	7/8	4,078.37	7/8	3,895.03	7/8	3,711.70	7/8	3,528.37	7/8	3,345.04	7/8	3,161.71	7/8	2,978.38	7/8	2,796.82	7/8	2,617.54

GAUGE LOCATED 41'-5 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

5 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	2,613.80	6	2,432.84	0	2,249.88	6	2,066.92	0	1,885.33	6	1,707.07	0	1,527.79	6	1,343.95	0	1,160.61	6	978.29
1/8	2,610.07	1/8	2,429.03	1/8	2,246.07	1/8	2,063.11	1/8	1,881.62	1/8	1,703.35	1/8	1,524.01	1/8	1,340.11	1/8	1,156.81	1/8	974.49
1/4	2,606.33	1/4	2,425.22	1/4	2,242.26	1/4	2,059.30	1/4	1,877.90	1/4	1,699.64	1/4	1,520.24	1/4	1,336.27	1/4	1,153.01	1/4	970.69
3/8	2,602.60	3/8	2,421.41	3/8	2,238.45	3/8	2,055.48	3/8	1,874.19	3/8	1,695.93	3/8	1,516.47	3/8	1,332.43	3/8	1,149.22	3/8	966.89
1/2	2,598.86	1/2	2,417.60	1/2	2,234.63	1/2	2,051.67	1/2	1,870.47	1/2	1,692.21	1/2	1,512.69	1/2	1,328.60	1/2	1,145.42	1/2	963.09
5/8	2,595.13	5/8	2,413.78	5/8	2,230.82	5/8	2,047.86	5/8	1,866.76	5/8	1,688.50	5/8	1,508.92	5/8	1,324.76	5/8	1,141.62	5/8	959.30
3/4	2,591.39	3/4	2,409.97	3/4	2,227.01	3/4	2,044.05	3/4	1,863.05	3/4	1,684.78	3/4	1,505.09	3/4	1,320.92	3/4	1,137.82	3/4	955.50
7/8	2,587.66	7/8	2,406.16	7/8	2,223.20	7/8	2,040.24	7/8	1,859.33	7/8	1,681.05	7/8	1,501.25	7/8	1,317.08	7/8	1,134.02	7/8	951.70
1	2,583.92	7	2,402.35	1	2,219.39	7	2,036.42	1	1,855.62	7	1,677.33	1	1,497.42	7	1,313.25	1	1,130.22	7	947.90
1/8	2,580.19	1/8	2,398.54	1/8	2,215.57	1/8	2,032.61	1/8	1,851.91	1/8	1,673.61	1/8	1,493.59	1/8	1,309.41	1/8	1,126.43	1/8	944.10
1/4	2,576.45	1/4	2,394.72	1/4	2,211.76	1/4	2,028.80	1/4	1,848.19	1/4	1,669.88	1/4	1,489.75	1/4	1,305.57	1/4	1,122.63	1/4	940.30
3/8	2,572.72	3/8	2,390.91	3/8	2,207.95	3/8	2,024.99	3/8	1,844.48	3/8	1,666.16	3/8	1,485.92	3/8	1,301.73	3/8	1,118.83	3/8	936.51
1/2	2,568.98	1/2	2,387.10	1/2	2,204.14	1/2	2,021.17	1/2	1,840.76	1/2	1,662.44	1/2	1,482.09	1/2	1,297.90	1/2	1,115.03	1/2	932.71
5/8	2,565.25	5/8	2,383.29	5/8	2,200.33	5/8	2,017.36	5/8	1,837.05	5/8	1,658.72	5/8	1,478.25	5/8	1,294.06	5/8	1,111.23	5/8	928.91
3/4	2,561.51	3/4	2,379.48	3/4	2,196.52	3/4	2,013.55	3/4	1,833.34	3/4	1,654.98	3/4	1,474.42	3/4	1,290.22	3/4	1,107.43	3/4	925.11
7/8	2,557.78	7/8	2,375.67	7/8	2,192.70	7/8	2,009.74	7/8	1,829.62	7/8	1,651.24	7/8	1,470.58	7/8	1,286.38	7/8	1,103.64	7/8	921.31
2	2,554.04	8	2,371.85	2	2,188.89	8	2,005.92	2	1,825.91	8	1,647.50	2	1,466.74	8	1,282.55	2	1,099.84	8	917.51
1/8	2,550.31	1/8	2,368.04	1/8	2,185.08	1/8	2,002.11	1/8	1,822.20	1/8	1,643.76	1/8	1,462.90	1/8	1,278.71	1/8	1,096.04	1/8	913.72
1/4	2,546.57	1/4	2,364.23	1/4	2,181.27	1/4	1,998.30	1/4	1,818.48	1/4	1,640.03	1/4	1,459.07	1/4	1,274.87	1/4	1,092.24	1/4	909.92
3/8	2,542.84	3/8	2,360.42	3/8	2,177.46	3/8	1,994.48	3/8	1,814.77	3/8	1,636.29	3/8	1,455.23	3/8	1,271.03	3/8	1,088.44	3/8	906.12
1/2	2,539.10	1/2	2,356.61	1/2	2,173.65	1/2	1,990.67	1/2	1,811.05	1/2	1,632.55	1/2	1,451.39	1/2	1,267.20	1/2	1,084.64	1/2	902.32
5/8	2,535.37	5/8	2,352.80	5/8	2,169.83	5/8	1,986.86	5/8	1,807.34	5/8	1,628.81	5/8	1,447.56	5/8	1,263.36	5/8	1,080.84	5/8	898.52
3/4	2,531.60	3/4	2,348.98	3/4	2,166.02	3/4	1,983.04	3/4	1,803.63	3/4	1,625.08	3/4	1,443.72	3/4	1,259.54	3/4	1,077.05	3/4	894.72
7/8	2,527.84	7/8	2,345.17	7/8	2,162.21	7/8	1,979.23	7/8	1,799.91	7/8	1,621.34	7/8	1,439.88	7/8	1,255.72	7/8	1,073.25	7/8	890.92
3	2,524.08	9	2,341.36	3	2,158.40	9	1,975.42	3	1,796.20	9	1,617.60	3	1,436.04	9	1,251.89	3	1,069.45	9	887.13
1/8	2,520.32	1/8	2,337.55	1/8	2,154.59	1/8	1,971.61	1/8	1,792.48	1/8	1,613.86	1/8	1,432.21	1/8	1,248.07	1/8	1,065.65	1/8	883.33
1/4	2,516.55	1/4	2,333.74	1/4	2,150.78	1/4	1,967.80	1/4	1,788.77	1/4	1,610.12	1/4	1,428.37	1/4	1,244.25	1/4	1,061.85	1/4	879.53
3/8	2,512.79	3/8	2,329.93	3/8	2,146.96	3/8	1,963.99	3/8	1,785.06	3/8	1,606.39	3/8	1,424.53	3/8	1,240.43	3/8	1,058.05	3/8	875.73
1/2	2,509.03	1/2	2,326.11	1/2	2,143.15	1/2	1,960.18	1/2	1,781.34	1/2	1,602.65	1/2	1,420.69	1/2	1,236.60	1/2	1,054.26	1/2	871.93
5/8	2,505.26	5/8	2,322.30	5/8	2,139.34	5/8	1,956.37	5/8	1,777.63	5/8	1,598.91	5/8	1,416.86	5/8	1,232.78	5/8	1,050.46	5/8	868.13
3/4	2,501.45	3/4	2,318.49	3/4	2,135.53	3/4	1,952.59	3/4	1,773.92	3/4	1,595.17	3/4	1,413.02	3/4	1,228.98	3/4	1,046.66	3/4	864.34
7/8	2,497.64	7/8	2,314.68	7/8	2,131.72	7/8	1,948.82	7/8	1,770.20	7/8	1,591.43	7/8	1,409.18	7/8	1,225.18	7/8	1,042.86	7/8	860.54
4	2,493.83	10	2,310.87	4	2,127.91	10	1,945.05	4	1,766.49	10	1,587.70	4	1,405.34	10	1,221.39	4	1,039.06	10	856.74
1/8	2,490.02	1/8	2,307.06	1/8	2,124.09	1/8	1,941.27	1/8	1,762.77	1/8	1,583.96	1/8	1,401.51	1/8	1,217.59	1/8	1,035.26	1/8	852.94
1/4	2,486.21	1/4	2,303.24	1/4	2,120.28	1/4	1,937.50	1/4	1,759.06	1/4	1,580.22	1/4	1,397.67	1/4	1,213.79	1/4	1,031.47	1/4	849.14
3/8	2,482.39	3/8	2,299.43	3/8	2,116.47	3/8	1,933.73	3/8	1,755.35	3/8	1,576.48	3/8	1,393.83	3/8	1,209.99	3/8	1,027.67	3/8	845.34
1/2	2,478.58	1/2	2,295.62	1/2	2,112.66	1/2	1,929.95	1/2	1,751.63	1/2	1,572.74	1/2	1,389.99	1/2	1,206.19	1/2	1,023.87	1/2	841.55
5/8	2,474.77	5/8	2,291.81	5/8	2,108.85	5/8	1,926.18	5/8	1,747.92	5/8	1,569.01	5/8	1,386.16	5/8	1,202.39	5/8	1,020.07	5/8	837.75
3/4	2,470.96	3/4	2,288.00	3/4	2,105.04	3/4	1,922.47	3/4	1,744.21	3/4	1,565.27	3/4	1,382.32	3/4	1,198.60	3/4	1,016.27	3/4	833.95
7/8	2,467.15	7/8	2,284.19	7/8	2,101.22	7/8	1,918.75	7/8	1,740.49	7/8	1,561.53	7/8	1,378.48	7/8	1,194.80	7/8	1,012.47	7/8	830.15
5	2,463.34	11	2,280.37	5	2,097.41	11	1,915.04	5	1,736.78	11	1,557.79	5	1,374.64	11	1,191.00	5	1,008.68	11	826.35
1/8	2,459.52	1/8	2,276.56	1/8	2,093.60	1/8	1,911.33	1/8	1,733.06	1/8	1,554.05	1/8	1,370.81	1/8	1,187.20	1/8	1,004.88	1/8	822.55
1/4	2,455.71	1/4	2,272.75	1/4	2,089.79	1/4	1,907.61	1/4	1,729.35	1/4	1,550.32	1/4	1,366.97	1/4	1,183.40	1/4	1,001.08	1/4	818.76
3/8	2,451.90	3/8	2,268.94	3/8	2,085.98	3/8	1,903.90	3/8	1,725.64	3/8	1,546.58	3/8	1,363.13	3/8	1,179.60	3/8	997.28	3/8	814.96
1/2	2,448.09	1/2	2,265.13	1/2	2,082.17	1/2	1,900.19	1/2	1,721.92	1/2	1,542.84	1/2	1,359.30	1/2	1,175.80	1/2	993.48	1/2	811.16
5/8	2,444.28	5/8	2,261.32	5/8	2,078.35	5/8	1,896.47	5/8	1,718.21	5/8	1,539.10	5/8	1,355.46	5/8	1,172.01	5/8	989.68	5/8	807.36
3/4	2,440.47	3/4	2,257.50	3/4	2,074.54	3/4	1,892.76	3/4	1,714.50	3/4	1,535.33	3/4	1,351.62	3/4	1,168.21	3/4	985.88	3/4	803.56
7/8	2,436.65	7/8	2,253.69	7/8	2,070.73	7/8	1,889.04	7/8	1,710.78	7/8	1,531.56	7/8	1,347.78	7/8	1,164.41	7/8	982.09	7/8	799.76

GAUGE LOCATED 41'-5 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

5 STAR

ULLAGE TABLE

GAUGE HEIGHT 37'-1 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.	IN	37 FT.
0	795.96	6	612.17	0	427.97	6	243.92	0	63.61
1/8	792.17	1/8	608.33	1/8	424.13	1/8	240.09	1/8	60.43
1/4	788.37	1/4	604.49	1/4	420.30	1/4	236.26	1/4	57.26
3/8	784.57	3/8	600.65	3/8	416.46	3/8	232.44	3/8	54.08
1/2	780.77	1/2	596.82	1/2	412.62	1/2	228.61	1/2	50.91
5/8	776.97	5/8	592.98	5/8	408.78	5/8	224.78	5/8	47.73
3/4	773.16	3/4	589.14	3/4	404.95	3/4	220.95	3/4	45.26
7/8	769.35	7/8	585.30	7/8	401.11	7/8	217.13	7/8	42.79
1	765.54	7	581.47	1	397.27	7	213.30	1	40.32
1/8	761.72	1/8	577.63	1/8	393.43	1/8	209.47	1/8	37.85
1/4	757.91	1/4	573.79	1/4	389.60	1/4	205.64	1/4	35.38
3/8	754.10	3/8	569.95	3/8	385.76	3/8	201.82	3/8	32.90
1/2	750.29	1/2	566.12	1/2	381.92	1/2	197.99	1/2	30.43
5/8	746.47	5/8	562.28	5/8	378.08	5/8	194.16	5/8	27.96
3/4	742.64	3/4	558.44	3/4	374.25	3/4	190.34		
7/8	738.80	7/8	554.60	7/8	370.41	7/8	186.51		
2	734.96	8	550.77	2	366.57	8	182.68		
1/8	731.12	1/8	546.93	1/8	362.73	1/8	178.85		
1/4	727.29	1/4	543.09	1/4	358.90	1/4	175.03		
3/8	723.45	3/8	539.25	3/8	355.06	3/8	171.20		
1/2	719.61	1/2	535.42	1/2	351.22	1/2	167.37		
5/8	715.78	5/8	531.58	5/8	347.38	5/8	163.55		
3/4	711.94	3/4	527.74	3/4	343.55	3/4	159.72		
7/8	708.10	7/8	523.91	7/8	339.71	7/8	155.90		
3	704.26	9	520.07	3	335.87	9	152.08		
1/8	700.43	1/8	516.23	1/8	332.04	1/8	148.25		
1/4	696.59	1/4	512.39	1/4	328.20	1/4	144.43		
3/8	692.75	3/8	508.56	3/8	324.36	3/8	140.61		
1/2	688.91	1/2	504.72	1/2	320.52	1/2	136.78		
5/8	685.08	5/8	500.88	5/8	316.69	5/8	132.96		
3/4	681.24	3/4	497.04	3/4	312.85	3/4	129.15		
7/8	677.40	7/8	493.21	7/8	309.02	7/8	125.34		
4	673.56	10	489.37	4	305.19	10	121.52		
1/8	669.73	1/8	485.53	1/8	301.35	1/8	117.71		
1/4	665.89	1/4	481.69	1/4	297.52	1/4	113.90		
3/8	662.05	3/8	477.86	3/8	293.68	3/8	110.09		
1/2	658.21	1/2	474.02	1/2	289.85	1/2	106.27		
5/8	654.38	5/8	470.18	5/8	286.02	5/8	102.46		
3/4	650.54	3/4	466.34	3/4	282.19	3/4	98.79		
7/8	646.70	7/8	462.51	7/8	278.36	7/8	95.13		
5	642.86	11	458.67	5	274.54	11	91.46		
1/8	639.03	1/8	454.83	1/8	270.71	1/8	87.80		
1/4	635.19	1/4	450.99	1/4	266.88	1/4	84.13		
3/8	631.35	3/8	447.16	3/8	263.05	3/8	80.46		
1/2	627.52	1/2	443.32	1/2	259.23	1/2	76.80		
5/8	623.68	5/8	439.48	5/8	255.40	5/8	73.13		
3/4	619.84	3/4	435.65	3/4	251.57	3/4	69.96		
7/8	616.00	7/8	431.81	7/8	247.74	7/8	66.78		

GAUGE LOCATED 41'-5 1/8" FORWARD OF AFT BULKHEAD, AND 18'-4 1/2" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 PORT

ULLAGE TABLE

GAUGE HEIGHT 36'-10 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		6		0		6		0		6		0		6		0		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	10,047.32
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	10,046.36
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	10,045.41
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	10,044.18
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	10,042.96
1		7		1		7		1		7		1		7		1		7	10,041.73
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	10,040.50
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	10,039.27
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	10,038.04
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	10,036.82
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	10,035.59
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	10,034.09
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	10,032.58
2		8		2		8		2		8		2		8		2		8	10,031.08
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	10,029.58
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	10,028.07
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	10,026.57
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	10,025.07
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	10,023.56
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	10,021.77
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	10,019.98
3		9		3		9		3		9		3		9		3		9	10,018.18
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	10,016.39
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	10,014.60
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	10,012.80
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	10,011.01
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	10,009.22
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	10,007.10
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	10,004.99
4		10		4		10		4		10		4		10		4		10	10,002.88
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	10,000.76
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,998.65
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,996.54
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,994.43
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,992.31
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,989.91
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,987.51
5		11		5		11		5		11		5		11		5		11	9,985.11
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,982.72
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,980.32
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,977.92
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,975.52
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,973.12
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,970.44
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,967.77

GAUGE LOCATED 4'-8" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

GAUGE HEIGHT 36'-10 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	9,965.09	6	9,800.03	0	9,610.93	6	9,421.83	0	9,232.74	6	9,043.64	0	8,854.55	6	8,665.45	0	8,476.35	6	8,287.26
1/8	9,962.42	1/8	9,796.09	1/8	9,606.99	1/8	9,417.89	1/8	9,228.80	1/8	9,039.70	1/8	8,850.61	1/8	8,661.51	1/8	8,472.41	1/8	8,283.32
1/4	9,959.75	1/4	9,792.15	1/4	9,603.05	1/4	9,413.95	1/4	9,224.86	1/4	9,035.76	1/4	8,846.67	1/4	8,657.57	1/4	8,468.47	1/4	8,279.38
3/8	9,957.07	3/8	9,788.21	3/8	9,599.11	3/8	9,410.01	3/8	9,220.92	3/8	9,031.82	3/8	8,842.73	3/8	8,653.63	3/8	8,464.53	3/8	8,275.44
1/2	9,954.40	1/2	9,784.27	1/2	9,595.17	1/2	9,406.08	1/2	9,216.98	1/2	9,027.88	1/2	8,838.79	1/2	8,649.69	1/2	8,460.60	1/2	8,271.50
5/8	9,951.72	5/8	9,780.33	5/8	9,591.23	5/8	9,402.14	5/8	9,213.04	5/8	9,023.94	5/8	8,834.85	5/8	8,645.75	5/8	8,456.66	5/8	8,267.56
3/4	9,948.77	3/4	9,776.39	3/4	9,587.29	3/4	9,398.20	3/4	9,209.10	3/4	9,020.00	3/4	8,830.91	3/4	8,641.81	3/4	8,452.72	3/4	8,263.62
7/8	9,945.82	7/8	9,772.45	7/8	9,583.35	7/8	9,394.26	7/8	9,205.16	7/8	9,016.06	7/8	8,826.97	7/8	8,637.87	7/8	8,448.78	7/8	8,259.68
1	9,942.87	7	9,768.51	1	9,579.41	7	9,390.32	1	9,201.22	7	9,012.13	1	8,823.03	7	8,633.93	1	8,444.84	7	8,255.74
1/8	9,939.92	1/8	9,764.57	1/8	9,575.47	1/8	9,386.38	1/8	9,197.28	1/8	9,008.19	1/8	8,819.09	1/8	8,629.99	1/8	8,440.90	1/8	8,251.80
1/4	9,936.97	1/4	9,760.63	1/4	9,571.53	1/4	9,382.44	1/4	9,193.34	1/4	9,004.25	1/4	8,815.15	1/4	8,626.05	1/4	8,436.96	1/4	8,247.86
3/8	9,934.02	3/8	9,756.69	3/8	9,567.59	3/8	9,378.50	3/8	9,189.40	3/8	9,000.31	3/8	8,811.21	3/8	8,622.11	3/8	8,433.02	3/8	8,243.92
1/2	9,931.07	1/2	9,752.75	1/2	9,563.66	1/2	9,374.56	1/2	9,185.46	1/2	8,996.37	1/2	8,807.27	1/2	8,618.18	1/2	8,429.08	1/2	8,239.98
5/8	9,928.12	5/8	9,748.81	5/8	9,559.72	5/8	9,370.62	5/8	9,181.52	5/8	8,992.43	5/8	8,803.33	5/8	8,614.24	5/8	8,425.14	5/8	8,236.04
3/4	9,924.88	3/4	9,744.87	3/4	9,555.78	3/4	9,366.68	3/4	9,177.58	3/4	8,988.49	3/4	8,799.39	3/4	8,610.30	3/4	8,421.20	3/4	8,232.10
7/8	9,921.64	7/8	9,740.93	7/8	9,551.84	7/8	9,362.74	7/8	9,173.64	7/8	8,984.55	7/8	8,795.45	7/8	8,606.36	7/8	8,417.26	7/8	8,228.16
2	9,918.40	8	9,736.99	2	9,547.90	8	9,358.80	2	9,169.71	8	8,980.61	2	8,791.51	8	8,602.42	2	8,413.32	8	8,224.23
1/8	9,915.15	1/8	9,733.05	1/8	9,543.96	1/8	9,354.86	1/8	9,165.77	1/8	8,976.67	1/8	8,787.57	1/8	8,598.48	1/8	8,409.38	1/8	8,220.29
1/4	9,911.91	1/4	9,729.11	1/4	9,540.02	1/4	9,350.92	1/4	9,161.83	1/4	8,972.73	1/4	8,783.63	1/4	8,594.54	1/4	8,405.44	1/4	8,216.35
3/8	9,908.67	3/8	9,725.18	3/8	9,536.08	3/8	9,346.98	3/8	9,157.89	3/8	8,968.79	3/8	8,779.69	3/8	8,590.60	3/8	8,401.50	3/8	8,212.41
1/2	9,905.43	1/2	9,721.24	1/2	9,532.14	1/2	9,343.04	1/2	9,153.95	1/2	8,964.85	1/2	8,775.76	1/2	8,586.66	1/2	8,397.56	1/2	8,208.47
5/8	9,902.19	5/8	9,717.30	5/8	9,528.20	5/8	9,339.10	5/8	9,150.01	5/8	8,960.91	5/8	8,771.82	5/8	8,582.72	5/8	8,393.62	5/8	8,204.53
3/4	9,898.63	3/4	9,713.36	3/4	9,524.26	3/4	9,335.16	3/4	9,146.07	3/4	8,956.97	3/4	8,767.88	3/4	8,578.78	3/4	8,389.68	3/4	8,200.59
7/8	9,895.07	7/8	9,709.42	7/8	9,520.32	7/8	9,331.22	7/8	9,142.13	7/8	8,953.03	7/8	8,763.94	7/8	8,574.84	7/8	8,385.74	7/8	8,196.65
3	9,891.51	9	9,705.48	3	9,516.38	9	9,327.29	3	9,138.19	9	8,949.09	3	8,760.00	9	8,570.90	3	8,381.81	9	8,192.71
1/8	9,887.95	1/8	9,701.54	1/8	9,512.44	1/8	9,323.35	1/8	9,134.25	1/8	8,945.15	1/8	8,756.06	1/8	8,566.96	1/8	8,377.87	1/8	8,188.77
1/4	9,884.39	1/4	9,697.60	1/4	9,508.50	1/4	9,319.41	1/4	9,130.31	1/4	8,941.21	1/4	8,752.12	1/4	8,563.02	1/4	8,373.93	1/4	8,184.83
3/8	9,880.83	3/8	9,693.66	3/8	9,504.56	3/8	9,315.47	3/8	9,126.37	3/8	8,937.27	3/8	8,748.18	3/8	8,559.08	3/8	8,369.99	3/8	8,180.89
1/2	9,877.27	1/2	9,689.72	1/2	9,500.62	1/2	9,311.53	1/2	9,122.43	1/2	8,933.34	1/2	8,744.24	1/2	8,555.14	1/2	8,366.05	1/2	8,176.95
5/8	9,873.71	5/8	9,685.78	5/8	9,496.68	5/8	9,307.59	5/8	9,118.49	5/8	8,929.40	5/8	8,740.30	5/8	8,551.20	5/8	8,362.11	5/8	8,173.01
3/4	9,869.89	3/4	9,681.84	3/4	9,492.74	3/4	9,303.65	3/4	9,114.55	3/4	8,925.46	3/4	8,736.36	3/4	8,547.26	3/4	8,358.17	3/4	8,169.07
7/8	9,866.08	7/8	9,677.90	7/8	9,488.80	7/8	9,299.71	7/8	9,110.61	7/8	8,921.52	7/8	8,732.42	7/8	8,543.32	7/8	8,354.23	7/8	8,165.13
4	9,862.27	10	9,673.96	4	9,484.87	10	9,295.77	4	9,106.67	10	8,917.58	4	8,728.48	10	8,539.39	4	8,350.29	10	8,161.19
1/8	9,858.46	1/8	9,670.02	1/8	9,480.93	1/8	9,291.83	1/8	9,102.73	1/8	8,913.64	1/8	8,724.54	1/8	8,535.45	1/8	8,346.35	1/8	8,157.25
1/4	9,854.64	1/4	9,666.08	1/4	9,476.99	1/4	9,287.89	1/4	9,098.79	1/4	8,909.70	1/4	8,720.60	1/4	8,531.51	1/4	8,342.41	1/4	8,153.31
3/8	9,850.83	3/8	9,662.14	3/8	9,473.05	3/8	9,283.95	3/8	9,094.85	3/8	8,905.76	3/8	8,716.66	3/8	8,527.57	3/8	8,338.47	3/8	8,149.37
1/2	9,847.02	1/2	9,658.20	1/2	9,469.11	1/2	9,280.01	1/2	9,090.92	1/2	8,901.82	1/2	8,712.72	1/2	8,523.63	1/2	8,334.53	1/2	8,145.44
5/8	9,843.21	5/8	9,654.26	5/8	9,465.17	5/8	9,276.07	5/8	9,086.98	5/8	8,897.88	5/8	8,708.78	5/8	8,519.69	5/8	8,330.59	5/8	8,141.50
3/4	9,839.29	3/4	9,650.32	3/4	9,461.23	3/4	9,272.13	3/4	9,083.04	3/4	8,893.94	3/4	8,704.84	3/4	8,515.75	3/4	8,326.65	3/4	8,137.56
7/8	9,835.37	7/8	9,646.38	7/8	9,457.29	7/8	9,268.19	7/8	9,079.10	7/8	8,890.00	7/8	8,700.90	7/8	8,511.81	7/8	8,322.71	7/8	8,133.62
5	9,831.45	11	9,642.45	5	9,453.35	11	9,264.25	5	9,075.16	11	8,886.06	5	8,696.97	11	8,507.87	5	8,318.77	11	8,129.68
1/8	9,827.53	1/8	9,638.51	1/8	9,449.41	1/8	9,260.31	1/8	9,071.22	1/8	8,882.12	1/8	8,693.03	1/8	8,503.93	1/8	8,314.83	1/8	8,125.74
1/4	9,823.61	1/4	9,634.57	1/4	9,445.47	1/4	9,256.37	1/4	9,067.28	1/4	8,878.18	1/4	8,689.09	1/4	8,499.99	1/4	8,310.89	1/4	8,121.80
3/8	9,819.68	3/8	9,630.63	3/8	9,441.53	3/8	9,252.43	3/8	9,063.34	3/8	8,874.24	3/8	8,685.15	3/8	8,496.05	3/8	8,306.95	3/8	8,117.86
1/2	9,815.76	1/2	9,626.69	1/2	9,437.59	1/2	9,248.50	1/2	9,059.40	1/2	8,870.30	1/2	8,681.21	1/2	8,492.11	1/2	8,303.02	1/2	8,113.92
5/8	9,811.84	5/8	9,622.75	5/8	9,433.65	5/8	9,244.56	5/8	9,055.46	5/8	8,866.36	5/8	8,677.27	5/8	8,488.17	5/8	8,299.08	5/8	8,109.98
3/4	9,807.90	3/4	9,618.81	3/4	9,429.71	3/4	9,240.62	3/4	9,051.52	3/4	8,862.42	3/4	8,673.33	3/4	8,484.23	3/4	8,295.14	3/4	8,106.04
7/8	9,803.97	7/8	9,614.87	7/8	9,425.77	7/8	9,236.68	7/8	9,047.58	7/8	8,858.48	7/8	8,669.39	7/8	8,480.29	7/8	8,291.20	7/8	8,102.10

GAUGE LOCATED 4'-8" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

**6 PORT
ULLAGE TABLE**

GAUGE HEIGHT 36'-10 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	8,098.16	6	7,909.07	0	7,719.97	6	7,530.87	0	7,341.78	6	7,152.68	0	6,963.59	6	6,774.49	0	6,585.50	6	6,396.73
1/8	8,094.22	1/8	7,905.13	1/8	7,716.03	1/8	7,526.93	1/8	7,337.84	1/8	7,148.74	1/8	6,959.65	1/8	6,770.55	1/8	6,581.57	1/8	6,392.80
1/4	8,090.28	1/4	7,901.19	1/4	7,712.09	1/4	7,522.99	1/4	7,333.90	1/4	7,144.80	1/4	6,955.71	1/4	6,766.61	1/4	6,577.63	1/4	6,388.86
3/8	8,086.34	3/8	7,897.25	3/8	7,708.15	3/8	7,519.05	3/8	7,329.96	3/8	7,140.86	3/8	6,951.77	3/8	6,762.67	3/8	6,573.70	3/8	6,384.93
1/2	8,082.40	1/2	7,893.31	1/2	7,704.21	1/2	7,515.12	1/2	7,326.02	1/2	7,136.92	1/2	6,947.83	1/2	6,758.73	1/2	6,569.77	1/2	6,381.00
5/8	8,078.46	5/8	7,889.37	5/8	7,700.27	5/8	7,511.18	5/8	7,322.08	5/8	7,132.98	5/8	6,943.89	5/8	6,754.79	5/8	6,565.84	5/8	6,377.07
3/4	8,074.52	3/4	7,885.43	3/4	7,696.33	3/4	7,507.24	3/4	7,318.14	3/4	7,129.04	3/4	6,939.95	3/4	6,750.85	3/4	6,561.90	3/4	6,373.13
7/8	8,070.58	7/8	7,881.49	7/8	7,692.39	7/8	7,503.30	7/8	7,314.20	7/8	7,125.10	7/8	6,936.01	7/8	6,746.91	7/8	6,557.97	7/8	6,369.20
1	8,066.65	7	7,877.55	1	7,688.45	7	7,499.36	1	7,310.26	7	7,121.17	1	6,932.07	7	6,742.97	1	6,554.04	7	6,365.27
1/8	8,062.71	1/8	7,873.61	1/8	7,684.51	1/8	7,495.42	1/8	7,306.32	1/8	7,117.23	1/8	6,928.13	1/8	6,739.03	1/8	6,550.10	1/8	6,361.33
1/4	8,058.77	1/4	7,869.67	1/4	7,680.57	1/4	7,491.48	1/4	7,302.38	1/4	7,113.29	1/4	6,924.19	1/4	6,735.09	1/4	6,546.17	1/4	6,357.40
3/8	8,054.83	3/8	7,865.73	3/8	7,676.63	3/8	7,487.54	3/8	7,298.44	3/8	7,109.35	3/8	6,920.25	3/8	6,731.15	3/8	6,542.24	3/8	6,353.47
1/2	8,050.89	1/2	7,861.79	1/2	7,672.70	1/2	7,483.60	1/2	7,294.50	1/2	7,105.41	1/2	6,916.31	1/2	6,727.22	1/2	6,538.31	1/2	6,349.54
5/8	8,046.95	5/8	7,857.85	5/8	7,668.76	5/8	7,479.66	5/8	7,290.56	5/8	7,101.47	5/8	6,912.37	5/8	6,723.28	5/8	6,534.37	5/8	6,345.60
3/4	8,043.01	3/4	7,853.91	3/4	7,664.82	3/4	7,475.72	3/4	7,286.62	3/4	7,097.53	3/4	6,908.43	3/4	6,719.34	3/4	6,530.44	3/4	6,341.67
7/8	8,039.07	7/8	7,849.97	7/8	7,660.88	7/8	7,471.78	7/8	7,282.68	7/8	7,093.59	7/8	6,904.49	7/8	6,715.40	7/8	6,526.51	7/8	6,337.74
2	8,035.13	8	7,846.03	2	7,656.94	8	7,467.84	2	7,278.75	8	7,089.65	2	6,900.55	8	6,711.46	2	6,522.58	8	6,333.81
1/8	8,031.19	1/8	7,842.09	1/8	7,653.00	1/8	7,463.90	1/8	7,274.81	1/8	7,085.71	1/8	6,896.61	1/8	6,707.52	1/8	6,518.64	1/8	6,329.87
1/4	8,027.25	1/4	7,838.15	1/4	7,649.06	1/4	7,459.96	1/4	7,270.87	1/4	7,081.77	1/4	6,892.67	1/4	6,703.58	1/4	6,514.71	1/4	6,325.94
3/8	8,023.31	3/8	7,834.21	3/8	7,645.12	3/8	7,456.02	3/8	7,266.93	3/8	7,077.83	3/8	6,888.73	3/8	6,699.64	3/8	6,510.78	3/8	6,322.01
1/2	8,019.37	1/2	7,830.28	1/2	7,641.18	1/2	7,452.08	1/2	7,262.99	1/2	7,073.89	1/2	6,884.80	1/2	6,695.70	1/2	6,506.84	1/2	6,318.08
5/8	8,015.43	5/8	7,826.34	5/8	7,637.24	5/8	7,448.14	5/8	7,259.05	5/8	7,069.95	5/8	6,880.86	5/8	6,691.76	5/8	6,502.91	5/8	6,314.14
3/4	8,011.49	3/4	7,822.40	3/4	7,633.30	3/4	7,444.20	3/4	7,255.11	3/4	7,066.01	3/4	6,876.92	3/4	6,687.82	3/4	6,498.98	3/4	6,310.21
7/8	8,007.55	7/8	7,818.46	7/8	7,629.36	7/8	7,440.26	7/8	7,251.17	7/8	7,062.07	7/8	6,872.98	7/8	6,683.88	7/8	6,495.05	7/8	6,306.28
3	8,003.61	9	7,814.52	3	7,625.42	9	7,436.33	3	7,247.23	9	7,058.13	3	6,869.04	9	6,679.94	3	6,491.11	9	6,302.34
1/8	7,999.67	1/8	7,810.58	1/8	7,621.48	1/8	7,432.39	1/8	7,243.29	1/8	7,054.19	1/8	6,865.10	1/8	6,676.00	1/8	6,487.18	1/8	6,298.41
1/4	7,995.73	1/4	7,806.64	1/4	7,617.54	1/4	7,428.45	1/4	7,239.35	1/4	7,050.25	1/4	6,861.16	1/4	6,672.06	1/4	6,483.25	1/4	6,294.48
3/8	7,991.79	3/8	7,802.70	3/8	7,613.60	3/8	7,424.51	3/8	7,235.41	3/8	7,046.31	3/8	6,857.22	3/8	6,668.12	3/8	6,479.32	3/8	6,290.55
1/2	7,987.86	1/2	7,798.76	1/2	7,609.66	1/2	7,420.57	1/2	7,231.47	1/2	7,042.38	1/2	6,853.28	1/2	6,664.18	1/2	6,475.38	1/2	6,286.61
5/8	7,983.92	5/8	7,794.82	5/8	7,605.72	5/8	7,416.63	5/8	7,227.53	5/8	7,038.44	5/8	6,849.34	5/8	6,660.24	5/8	6,471.45	5/8	6,282.68
3/4	7,979.98	3/4	7,790.88	3/4	7,601.78	3/4	7,412.69	3/4	7,223.59	3/4	7,034.50	3/4	6,845.40	3/4	6,656.31	3/4	6,467.52	3/4	6,278.75
7/8	7,976.04	7/8	7,786.94	7/8	7,597.84	7/8	7,408.75	7/8	7,219.65	7/8	7,030.56	7/8	6,841.46	7/8	6,652.37	7/8	6,463.58	7/8	6,274.82
4	7,972.10	10	7,783.00	4	7,593.91	10	7,404.81	4	7,215.71	10	7,026.62	4	6,837.52	10	6,648.44	4	6,459.65	10	6,270.88
1/8	7,968.16	1/8	7,779.06	1/8	7,589.97	1/8	7,400.87	1/8	7,211.77	1/8	7,022.68	1/8	6,833.58	1/8	6,644.50	1/8	6,455.72	1/8	6,266.95
1/4	7,964.22	1/4	7,775.12	1/4	7,586.03	1/4	7,396.93	1/4	7,207.83	1/4	7,018.74	1/4	6,829.64	1/4	6,640.57	1/4	6,451.79	1/4	6,263.02
3/8	7,960.28	3/8	7,771.18	3/8	7,582.09	3/8	7,392.99	3/8	7,203.89	3/8	7,014.80	3/8	6,825.70	3/8	6,636.63	3/8	6,447.85	3/8	6,259.08
1/2	7,956.34	1/2	7,767.24	1/2	7,578.15	1/2	7,389.05	1/2	7,199.96	1/2	7,010.86	1/2	6,821.76	1/2	6,632.69	1/2	6,443.92	1/2	6,255.15
5/8	7,952.40	5/8	7,763.30	5/8	7,574.21	5/8	7,385.11	5/8	7,196.02	5/8	7,006.92	5/8	6,817.82	5/8	6,628.76	5/8	6,439.99	5/8	6,251.22
3/4	7,948.46	3/4	7,759.36	3/4	7,570.27	3/4	7,381.17	3/4	7,192.08	3/4	7,002.98	3/4	6,813.88	3/4	6,624.83	3/4	6,436.06	3/4	6,247.29
7/8	7,944.52	7/8	7,755.42	7/8	7,566.33	7/8	7,377.23	7/8	7,188.14	7/8	6,999.04	7/8	6,809.94	7/8	6,620.89	7/8	6,432.12	7/8	6,243.35
5	7,940.58	11	7,751.49	5	7,562.39	11	7,373.29	5	7,184.20	11	6,995.10	5	6,806.01	11	6,616.96	5	6,428.19	11	6,239.42
1/8	7,936.64	1/8	7,747.55	1/8	7,558.45	1/8	7,369.35	1/8	7,180.26	1/8	6,991.16	1/8	6,802.07	1/8	6,613.03	1/8	6,424.26	1/8	6,235.49
1/4	7,932.70	1/4	7,743.61	1/4	7,554.51	1/4	7,365.41	1/4	7,176.32	1/4	6,987.22	1/4	6,798.13	1/4	6,609.09	1/4	6,420.33	1/4	6,231.56
3/8	7,928.76	3/8	7,739.67	3/8	7,550.57	3/8	7,361.47	3/8	7,172.38	3/8	6,983.28	3/8	6,794.19	3/8	6,605.16	3/8	6,416.39	3/8	6,227.62
1/2	7,924.82	1/2	7,735.73	1/2	7,546.63	1/2	7,357.54	1/2	7,168.44	1/2	6,979.34	1/2	6,790.25	1/2	6,601.23	1/2	6,412.46	1/2	6,223.69
5/8	7,920.88	5/8	7,731.79	5/8	7,542.69	5/8	7,353.60	5/8	7,164.50	5/8	6,975.40	5/8	6,786.31	5/8	6,597.30	5/8	6,408.53	5/8	6,219.76
3/4	7,916.94	3/4	7,727.85	3/4	7,538.75	3/4	7,349.66	3/4	7,160.56	3/4	6,971.46	3/4	6,782.37	3/4	6,593.36	3/4	6,404.59	3/4	6,215.82
7/8	7,913.00	7/8	7,723.91	7/8	7,534.81	7/8	7,345.72	7/8	7,156.62	7/8	6,967.52	7/8	6,778.43	7/8	6,589.43	7/8	6,400.66	7/8	6,211.89

GAUGE LOCATED 4'-8" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 PORT

ULLAGE TABLE

GAUGE HEIGHT 36'-10 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	6,207.96	6	6,019.19	0	5,830.42	6	5,641.65	0	5,452.88	6	5,264.11	0	5,075.34	6	4,886.57	0	4,697.80	6	4,509.03
1/8	6,204.03	1/8	6,015.26	1/8	5,826.49	1/8	5,637.72	1/8	5,448.95	1/8	5,260.18	1/8	5,071.41	1/8	4,882.64	1/8	4,693.87	1/8	4,505.10
1/4	6,200.09	1/4	6,011.32	1/4	5,822.55	1/4	5,633.79	1/4	5,445.02	1/4	5,256.25	1/4	5,067.48	1/4	4,878.71	1/4	4,689.94	1/4	4,501.17
3/8	6,196.16	3/8	6,007.39	3/8	5,818.62	3/8	5,629.85	3/8	5,441.08	3/8	5,252.31	3/8	5,063.54	3/8	4,874.77	3/8	4,686.00	3/8	4,497.24
1/2	6,192.23	1/2	6,003.46	1/2	5,814.69	1/2	5,625.92	1/2	5,437.15	1/2	5,248.38	1/2	5,059.61	1/2	4,870.84	1/2	4,682.07	1/2	4,493.31
5/8	6,188.30	5/8	5,999.53	5/8	5,810.76	5/8	5,621.99	5/8	5,433.22	5/8	5,244.45	5/8	5,055.68	5/8	4,866.91	5/8	4,678.14	5/8	4,489.37
3/4	6,184.36	3/4	5,995.59	3/4	5,806.82	3/4	5,618.05	3/4	5,429.28	3/4	5,240.52	3/4	5,051.75	3/4	4,862.98	3/4	4,674.21	3/4	4,485.44
7/8	6,180.43	7/8	5,991.66	7/8	5,802.89	7/8	5,614.12	7/8	5,425.35	7/8	5,236.58	7/8	5,047.81	7/8	4,859.04	7/8	4,670.27	7/8	4,481.51
1	6,176.50	7	5,987.73	1	5,798.96	7	5,610.19	1	5,421.42	7	5,232.65	1	5,043.88	7	4,855.11	1	4,666.34	7	4,477.58
1/8	6,172.57	1/8	5,983.80	1/8	5,795.03	1/8	5,606.26	1/8	5,417.49	1/8	5,228.72	1/8	5,039.95	1/8	4,851.18	1/8	4,662.41	1/8	4,473.65
1/4	6,168.63	1/4	5,979.86	1/4	5,791.09	1/4	5,602.32	1/4	5,413.55	1/4	5,224.78	1/4	5,036.01	1/4	4,847.25	1/4	4,658.48	1/4	4,469.72
3/8	6,164.70	3/8	5,975.93	3/8	5,787.16	3/8	5,598.39	3/8	5,409.62	3/8	5,220.85	3/8	5,032.08	3/8	4,843.31	3/8	4,654.54	3/8	4,465.78
1/2	6,160.77	1/2	5,972.00	1/2	5,783.23	1/2	5,594.46	1/2	5,405.69	1/2	5,216.92	1/2	5,028.15	1/2	4,839.38	1/2	4,650.61	1/2	4,461.85
5/8	6,156.83	5/8	5,968.06	5/8	5,779.30	5/8	5,590.53	5/8	5,401.76	5/8	5,212.99	5/8	5,024.22	5/8	4,835.45	5/8	4,646.68	5/8	4,457.92
3/4	6,152.90	3/4	5,964.13	3/4	5,775.36	3/4	5,586.59	3/4	5,397.82	3/4	5,209.05	3/4	5,020.28	3/4	4,831.51	3/4	4,642.74	3/4	4,453.99
7/8	6,148.97	7/8	5,960.20	7/8	5,771.43	7/8	5,582.66	7/8	5,393.89	7/8	5,205.12	7/8	5,016.35	7/8	4,827.58	7/8	4,638.81	7/8	4,450.06
2	6,145.04	8	5,956.27	2	5,767.50	8	5,578.73	2	5,389.96	8	5,201.19	2	5,012.42	8	4,823.65	2	4,634.88	8	4,446.13
1/8	6,141.10	1/8	5,952.33	1/8	5,763.56	1/8	5,574.79	1/8	5,386.03	1/8	5,197.26	1/8	5,008.49	1/8	4,819.72	1/8	4,630.95	1/8	4,442.20
1/4	6,137.17	1/4	5,948.40	1/4	5,759.63	1/4	5,570.86	1/4	5,382.09	1/4	5,193.32	1/4	5,004.55	1/4	4,815.78	1/4	4,627.01	1/4	4,438.27
3/8	6,133.24	3/8	5,944.47	3/8	5,755.70	3/8	5,566.93	3/8	5,378.16	3/8	5,189.39	3/8	5,000.62	3/8	4,811.85	3/8	4,623.08	3/8	4,434.34
1/2	6,129.31	1/2	5,940.54	1/2	5,751.77	1/2	5,563.00	1/2	5,374.23	1/2	5,185.46	1/2	4,996.69	1/2	4,807.92	1/2	4,619.15	1/2	4,430.40
5/8	6,125.37	5/8	5,936.60	5/8	5,747.83	5/8	5,559.06	5/8	5,370.29	5/8	5,181.52	5/8	4,992.76	5/8	4,803.99	5/8	4,615.22	5/8	4,426.47
3/4	6,121.44	3/4	5,932.67	3/4	5,743.90	3/4	5,555.13	3/4	5,366.36	3/4	5,177.59	3/4	4,988.82	3/4	4,800.05	3/4	4,611.28	3/4	4,422.54
7/8	6,117.51	7/8	5,928.74	7/8	5,739.97	7/8	5,551.20	7/8	5,362.43	7/8	5,173.66	7/8	4,984.89	7/8	4,796.12	7/8	4,607.35	7/8	4,418.61
3	6,113.57	9	5,924.81	3	5,736.04	9	5,547.27	3	5,358.50	9	5,169.73	3	4,980.96	9	4,792.19	3	4,603.42	9	4,414.68
1/8	6,109.64	1/8	5,920.87	1/8	5,732.10	1/8	5,543.33	1/8	5,354.56	1/8	5,165.79	1/8	4,977.02	1/8	4,788.25	1/8	4,599.49	1/8	4,410.75
1/4	6,105.71	1/4	5,916.94	1/4	5,728.17	1/4	5,539.40	1/4	5,350.63	1/4	5,161.86	1/4	4,973.09	1/4	4,784.32	1/4	4,595.55	1/4	4,406.82
3/8	6,101.78	3/8	5,913.01	3/8	5,724.24	3/8	5,535.47	3/8	5,346.70	3/8	5,157.93	3/8	4,969.16	3/8	4,780.39	3/8	4,591.62	3/8	4,402.89
1/2	6,097.84	1/2	5,909.07	1/2	5,720.30	1/2	5,531.54	1/2	5,342.77	1/2	5,154.00	1/2	4,965.23	1/2	4,776.46	1/2	4,587.69	1/2	4,398.96
5/8	6,093.91	5/8	5,905.14	5/8	5,716.37	5/8	5,527.60	5/8	5,338.83	5/8	5,150.06	5/8	4,961.29	5/8	4,772.52	5/8	4,583.75	5/8	4,395.03
3/4	6,089.98	3/4	5,901.21	3/4	5,712.44	3/4	5,523.67	3/4	5,334.90	3/4	5,146.13	3/4	4,957.36	3/4	4,768.59	3/4	4,579.82	3/4	4,391.10
7/8	6,086.05	7/8	5,897.28	7/8	5,708.51	7/8	5,519.74	7/8	5,330.97	7/8	5,142.20	7/8	4,953.43	7/8	4,764.66	7/8	4,575.89	7/8	4,387.17
4	6,082.11	10	5,893.34	4	5,704.57	10	5,515.80	4	5,327.03	10	5,138.27	4	4,949.50	10	4,760.73	4	4,571.96	10	4,383.24
1/8	6,078.18	1/8	5,889.41	1/8	5,700.64	1/8	5,511.87	1/8	5,323.10	1/8	5,134.33	1/8	4,945.56	1/8	4,756.79	1/8	4,568.02	1/8	4,379.31
1/4	6,074.25	1/4	5,885.48	1/4	5,696.71	1/4	5,507.94	1/4	5,319.17	1/4	5,130.40	1/4	4,941.63	1/4	4,752.86	1/4	4,564.09	1/4	4,375.38
3/8	6,070.31	3/8	5,881.55	3/8	5,692.78	3/8	5,504.01	3/8	5,315.24	3/8	5,126.47	3/8	4,937.70	3/8	4,748.93	3/8	4,560.16	3/8	4,371.45
1/2	6,066.38	1/2	5,877.61	1/2	5,688.84	1/2	5,500.07	1/2	5,311.30	1/2	5,122.53	1/2	4,933.76	1/2	4,745.00	1/2	4,556.22	1/2	4,367.52
5/8	6,062.45	5/8	5,873.68	5/8	5,684.91	5/8	5,496.14	5/8	5,307.37	5/8	5,118.60	5/8	4,929.83	5/8	4,741.06	5/8	4,552.29	5/8	4,363.60
3/4	6,058.52	3/4	5,869.75	3/4	5,680.98	3/4	5,492.21	3/4	5,303.44	3/4	5,114.67	3/4	4,925.90	3/4	4,737.13	3/4	4,548.36	3/4	4,359.67
7/8	6,054.58	7/8	5,865.81	7/8	5,677.04	7/8	5,488.28	7/8	5,299.51	7/8	5,110.74	7/8	4,921.97	7/8	4,733.20	7/8	4,544.43	7/8	4,355.74
5	6,050.65	11	5,861.88	5	5,673.11	11	5,484.34	5	5,295.57	11	5,106.80	5	4,918.03	11	4,729.26	5	4,540.49	11	4,351.81
1/8	6,046.72	1/8	5,857.95	1/8	5,669.18	1/8	5,480.41	1/8	5,291.64	1/8	5,102.87	1/8	4,914.10	1/8	4,725.33	1/8	4,536.56	1/8	4,347.88
1/4	6,042.79	1/4	5,854.02	1/4	5,665.25	1/4	5,476.48	1/4	5,287.71	1/4	5,098.94	1/4	4,910.17	1/4	4,721.40	1/4	4,532.63	1/4	4,343.95
3/8	6,038.85	3/8	5,850.08	3/8	5,661.31	3/8	5,472.54	3/8	5,283.77	3/8	5,095.01	3/8	4,906.24	3/8	4,717.47	3/8	4,528.70	3/8	4,340.02
1/2	6,034.92	1/2	5,846.15	1/2	5,657.38	1/2	5,468.61	1/2	5,279.84	1/2	5,091.07	1/2	4,902.30	1/2	4,713.53	1/2	4,524.76	1/2	4,336.09
5/8	6,030.99	5/8	5,842.22	5/8	5,653.45	5/8	5,464.68	5/8	5,275.91	5/8	5,087.14	5/8	4,898.37	5/8	4,709.60	5/8	4,520.83	5/8	4,332.16
3/4	6,027.06	3/4	5,838.29	3/4	5,649.52	3/4	5,460.75	3/4	5,271.98	3/4	5,083.21	3/4	4,894.44	3/4	4,705.67	3/4	4,516.90	3/4	4,328.23
7/8	6,023.12	7/8	5,834.35	7/8	5,645.58	7/8	5,456.81	7/8	5,268.04	7/8	5,079.27	7/8	4,890.50	7/8	4,701.74	7/8	4,512.97	7/8	4,324.31

GAUGE LOCATED 4'-8" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

GAUGE HEIGHT 36'-10 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	4,320.38	6	4,131.91	0	3,943.70	6	3,755.86	0	3,568.44	6	3,381.56	0	3,195.26	6	3,009.64	0	2,824.80	6	2,640.77
1/8	4,316.45	1/8	4,127.99	1/8	3,939.78	1/8	3,751.95	1/8	3,564.54	1/8	3,377.68	1/8	3,191.39	1/8	3,005.78	1/8	2,820.95	1/8	2,636.95
1/4	4,312.52	1/4	4,124.06	1/4	3,935.86	1/4	3,748.05	1/4	3,560.64	1/4	3,373.79	1/4	3,187.51	1/4	3,001.93	1/4	2,817.11	1/4	2,633.12
3/8	4,308.59	3/8	4,120.14	3/8	3,931.94	3/8	3,744.14	3/8	3,556.74	3/8	3,369.90	3/8	3,183.64	3/8	2,998.07	3/8	2,813.27	3/8	2,629.30
1/2	4,304.67	1/2	4,116.22	1/2	3,928.03	1/2	3,740.23	1/2	3,552.84	1/2	3,366.01	1/2	3,179.76	1/2	2,994.21	1/2	2,809.43	1/2	2,625.48
5/8	4,300.74	5/8	4,112.29	5/8	3,924.11	5/8	3,736.32	5/8	3,548.94	5/8	3,362.13	5/8	3,175.89	5/8	2,990.35	5/8	2,805.58	5/8	2,621.65
3/4	4,296.81	3/4	4,108.37	3/4	3,920.19	3/4	3,732.41	3/4	3,545.05	3/4	3,358.24	3/4	3,172.01	3/4	2,986.49	3/4	2,801.74	3/4	2,617.83
7/8	4,292.88	7/8	4,104.44	7/8	3,916.28	7/8	3,728.50	7/8	3,541.15	7/8	3,354.36	7/8	3,168.14	7/8	2,982.64	7/8	2,797.90	7/8	2,614.01
1	4,288.95	7	4,100.52	1	3,912.36	7	3,724.60	1	3,537.25	7	3,350.47	1	3,164.27	7	2,978.78	1	2,794.06	7	2,610.19
1/8	4,285.03	1/8	4,096.60	1/8	3,908.45	1/8	3,720.69	1/8	3,533.36	1/8	3,346.59	1/8	3,160.40	1/8	2,974.93	1/8	2,790.22	1/8	2,606.37
1/4	4,281.10	1/4	4,092.67	1/4	3,904.53	1/4	3,716.78	1/4	3,529.46	1/4	3,342.70	1/4	3,156.53	1/4	2,971.07	1/4	2,786.38	1/4	2,602.55
3/8	4,277.17	3/8	4,088.75	3/8	3,900.62	3/8	3,712.87	3/8	3,525.56	3/8	3,338.82	3/8	3,152.65	3/8	2,967.21	3/8	2,782.54	3/8	2,598.73
1/2	4,273.24	1/2	4,084.83	1/2	3,896.70	1/2	3,708.97	1/2	3,521.67	1/2	3,334.93	1/2	3,148.78	1/2	2,963.36	1/2	2,778.70	1/2	2,594.91
5/8	4,269.32	5/8	4,080.90	5/8	3,892.78	5/8	3,705.06	5/8	3,517.77	5/8	3,331.05	5/8	3,144.91	5/8	2,959.50	5/8	2,774.86	5/8	2,591.09
3/4	4,265.39	3/4	4,076.98	3/4	3,888.87	3/4	3,701.15	3/4	3,513.87	3/4	3,327.16	3/4	3,141.04	3/4	2,955.65	3/4	2,771.03	3/4	2,587.28
7/8	4,261.46	7/8	4,073.06	7/8	3,884.96	7/8	3,697.25	7/8	3,509.98	7/8	3,323.28	7/8	3,137.17	7/8	2,951.79	7/8	2,767.19	7/8	2,583.46
2	4,257.54	8	4,069.13	2	3,881.04	8	3,693.34	2	3,506.08	8	3,319.40	2	3,133.30	8	2,947.94	2	2,763.35	8	2,579.64
1/8	4,253.61	1/8	4,065.21	1/8	3,877.13	1/8	3,689.43	1/8	3,502.19	1/8	3,315.51	1/8	3,129.43	1/8	2,944.09	1/8	2,759.51	1/8	2,575.83
1/4	4,249.68	1/4	4,061.29	1/4	3,873.21	1/4	3,685.53	1/4	3,498.29	1/4	3,311.63	1/4	3,125.56	1/4	2,940.24	1/4	2,755.68	1/4	2,572.01
3/8	4,245.75	3/8	4,057.37	3/8	3,869.30	3/8	3,681.62	3/8	3,494.40	3/8	3,307.75	3/8	3,121.69	3/8	2,936.38	3/8	2,751.84	3/8	2,568.19
1/2	4,241.83	1/2	4,053.44	1/2	3,865.38	1/2	3,677.71	1/2	3,490.50	1/2	3,303.87	1/2	3,117.82	1/2	2,932.53	1/2	2,748.00	1/2	2,564.38
5/8	4,237.90	5/8	4,049.52	5/8	3,861.47	5/8	3,673.81	5/8	3,486.61	5/8	3,299.98	5/8	3,113.96	5/8	2,928.68	5/8	2,744.17	5/8	2,560.56
3/4	4,233.97	3/4	4,045.60	3/4	3,857.56	3/4	3,669.90	3/4	3,482.71	3/4	3,296.10	3/4	3,110.09	3/4	2,924.82	3/4	2,740.33	3/4	2,556.75
7/8	4,230.05	7/8	4,041.68	7/8	3,853.64	7/8	3,666.00	7/8	3,478.82	7/8	3,292.22	7/8	3,106.22	7/8	2,920.97	7/8	2,736.50	7/8	2,552.93
3	4,226.12	9	4,037.76	3	3,849.73	9	3,662.09	3	3,474.93	9	3,288.34	3	3,102.36	9	2,917.12	3	2,732.67	9	2,549.12
1/8	4,222.20	1/8	4,033.84	1/8	3,845.82	1/8	3,658.19	1/8	3,471.04	1/8	3,284.46	1/8	3,098.49	1/8	2,913.27	1/8	2,728.83	1/8	2,545.31
1/4	4,218.27	1/4	4,029.92	1/4	3,841.90	1/4	3,654.28	1/4	3,467.14	1/4	3,280.58	1/4	3,094.62	1/4	2,909.42	1/4	2,725.00	1/4	2,541.50
3/8	4,214.34	3/8	4,026.00	3/8	3,837.99	3/8	3,650.38	3/8	3,463.25	3/8	3,276.70	3/8	3,090.75	3/8	2,905.57	3/8	2,721.16	3/8	2,537.68
1/2	4,210.42	1/2	4,022.07	1/2	3,834.08	1/2	3,646.47	1/2	3,459.36	1/2	3,272.81	1/2	3,086.89	1/2	2,901.72	1/2	2,717.33	1/2	2,533.87
5/8	4,206.49	5/8	4,018.15	5/8	3,830.17	5/8	3,642.57	5/8	3,455.46	5/8	3,268.93	5/8	3,083.02	5/8	2,897.87	5/8	2,713.50	5/8	2,530.06
3/4	4,202.56	3/4	4,014.23	3/4	3,826.25	3/4	3,638.67	3/4	3,451.57	3/4	3,265.05	3/4	3,079.16	3/4	2,894.02	3/4	2,709.67	3/4	2,526.25
7/8	4,198.64	7/8	4,010.31	7/8	3,822.34	7/8	3,634.76	7/8	3,447.68	7/8	3,261.18	7/8	3,075.29	7/8	2,890.17	7/8	2,705.84	7/8	2,522.44
4	4,194.71	10	4,006.39	4	3,818.43	10	3,630.86	4	3,443.79	10	3,257.30	4	3,071.43	10	2,886.33	4	2,702.01	10	2,518.63
1/8	4,190.79	1/8	4,002.47	1/8	3,814.52	1/8	3,626.96	1/8	3,439.90	1/8	3,253.42	1/8	3,067.57	1/8	2,882.48	1/8	2,698.18	1/8	2,514.82
1/4	4,186.86	1/4	3,998.55	1/4	3,810.61	1/4	3,623.05	1/4	3,436.01	1/4	3,249.54	1/4	3,063.70	1/4	2,878.63	1/4	2,694.35	1/4	2,511.01
3/8	4,182.94	3/8	3,994.63	3/8	3,806.70	3/8	3,619.15	3/8	3,432.12	3/8	3,245.66	3/8	3,059.84	3/8	2,874.78	3/8	2,690.52	3/8	2,507.20
1/2	4,179.01	1/2	3,990.71	1/2	3,802.78	1/2	3,615.25	1/2	3,428.23	1/2	3,241.78	1/2	3,055.97	1/2	2,870.94	1/2	2,686.69	1/2	2,503.39
5/8	4,175.09	5/8	3,986.79	5/8	3,798.87	5/8	3,611.35	5/8	3,424.34	5/8	3,237.90	5/8	3,052.11	5/8	2,867.09	5/8	2,682.86	5/8	2,499.58
3/4	4,171.16	3/4	3,982.88	3/4	3,794.96	3/4	3,607.44	3/4	3,420.45	3/4	3,234.02	3/4	3,048.25	3/4	2,863.24	3/4	2,679.03	3/4	2,495.77
7/8	4,167.24	7/8	3,978.96	7/8	3,791.05	7/8	3,603.54	7/8	3,416.56	7/8	3,230.15	7/8	3,044.39	7/8	2,859.40	7/8	2,675.20	7/8	2,491.97
5	4,163.31	11	3,975.04	5	3,787.14	11	3,599.64	5	3,412.67	11	3,226.27	5	3,040.53	11	2,855.55	5	2,671.37	11	2,488.16
1/8	4,159.39	1/8	3,971.12	1/8	3,783.23	1/8	3,595.74	1/8	3,408.78	1/8	3,222.39	1/8	3,036.66	1/8	2,851.71	1/8	2,667.55	1/8	2,484.36
1/4	4,155.46	1/4	3,967.20	1/4	3,779.32	1/4	3,591.84	1/4	3,404.89	1/4	3,218.52	1/4	3,032.80	1/4	2,847.86	1/4	2,663.72	1/4	2,480.55
3/8	4,151.54	3/8	3,963.28	3/8	3,775.41	3/8	3,587.94	3/8	3,401.00	3/8	3,214.64	3/8	3,028.94	3/8	2,844.02	3/8	2,659.89	3/8	2,476.75
1/2	4,147.61	1/2	3,959.37	1/2	3,771.50	1/2	3,584.04	1/2	3,397.11	1/2	3,210.76	1/2	3,025.08	1/2	2,840.17	1/2	2,656.07	1/2	2,472.94
5/8	4,143.69	5/8	3,955.45	5/8	3,767.59	5/8	3,580.14	5/8	3,393.22	5/8	3,206.88	5/8	3,021.22	5/8	2,836.32	5/8	2,652.24	5/8	2,469.14
3/4	4,139.76	3/4	3,951.53	3/4	3,763.68	3/4	3,576.24	3/4	3,389.34	3/4	3,203.01	3/4	3,017.36	3/4	2,832.48	3/4	2,648.42	3/4	2,465.34
7/8	4,135.84	7/8	3,947.61	7/8	3,759.77	7/8	3,572.34	7/8	3,385.45	7/8	3,199.13	7/8	3,013.50	7/8	2,828.64	7/8	2,644.59	7/8	2,461.55

GAUGE LOCATED 4'-8" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 PORT

ULLAGE TABLE

GAUGE HEIGHT 36'-10 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	2,457.75	6	2,278.10	0	2,105.49	6	1,940.16	0	1,782.01	6	1,630.46	0	1,485.21	6	1,346.27	0	1,213.62	6	1,087.29
1/8	2,453.95	1/8	2,274.43	1/8	2,101.98	1/8	1,936.79	1/8	1,778.79	1/8	1,627.37	1/8	1,482.25	1/8	1,343.44	1/8	1,210.93	1/8	1,084.72
1/4	2,450.16	1/4	2,270.76	1/4	2,098.46	1/4	1,933.43	1/4	1,775.57	1/4	1,624.28	1/4	1,479.30	1/4	1,340.61	1/4	1,208.23	1/4	1,082.16
3/8	2,446.36	3/8	2,267.10	3/8	2,094.94	3/8	1,930.06	3/8	1,772.35	3/8	1,621.19	3/8	1,476.34	3/8	1,337.79	3/8	1,205.54	3/8	1,079.60
1/2	2,442.56	1/2	2,263.43	1/2	2,091.42	1/2	1,926.70	1/2	1,769.13	1/2	1,618.11	1/2	1,473.38	1/2	1,334.96	1/2	1,202.84	1/2	1,077.03
5/8	2,438.77	5/8	2,259.76	5/8	2,087.91	5/8	1,923.33	5/8	1,765.91	5/8	1,615.02	5/8	1,470.42	5/8	1,332.14	5/8	1,200.15	5/8	1,074.47
3/4	2,434.98	3/4	2,256.11	3/4	2,084.42	3/4	1,919.99	3/4	1,762.71	3/4	1,611.95	3/4	1,467.49	3/4	1,329.33	3/4	1,197.47	3/4	1,071.93
7/8	2,431.20	7/8	2,252.47	7/8	2,080.92	7/8	1,916.65	7/8	1,759.52	7/8	1,608.88	7/8	1,464.55	7/8	1,326.53	7/8	1,194.80	7/8	1,069.38
1	2,427.42	7	2,248.83	1	2,077.43	7	1,913.31	1	1,756.32	7	1,605.82	1	1,461.62	7	1,323.72	1	1,192.13	7	1,066.84
1/8	2,423.63	1/8	2,245.18	1/8	2,073.94	1/8	1,909.97	1/8	1,753.12	1/8	1,602.75	1/8	1,458.68	1/8	1,320.92	1/8	1,189.46	1/8	1,064.30
1/4	2,419.85	1/4	2,241.54	1/4	2,070.45	1/4	1,906.63	1/4	1,749.92	1/4	1,599.68	1/4	1,455.75	1/4	1,318.11	1/4	1,186.78	1/4	1,061.76
3/8	2,416.07	3/8	2,237.90	3/8	2,066.96	3/8	1,903.29	3/8	1,746.72	3/8	1,596.61	3/8	1,452.81	3/8	1,315.31	3/8	1,184.11	3/8	1,059.22
1/2	2,412.28	1/2	2,234.25	1/2	2,063.47	1/2	1,899.95	1/2	1,743.52	1/2	1,593.55	1/2	1,449.87	1/2	1,312.50	1/2	1,181.44	1/2	1,056.68
5/8	2,408.50	5/8	2,230.61	5/8	2,059.97	5/8	1,896.61	5/8	1,740.32	5/8	1,590.48	5/8	1,446.94	5/8	1,309.70	5/8	1,178.76	5/8	1,054.13
3/4	2,404.73	3/4	2,226.99	3/4	2,056.51	3/4	1,893.29	3/4	1,737.15	3/4	1,587.43	3/4	1,444.02	3/4	1,306.92	3/4	1,176.11	3/4	1,051.61
7/8	2,400.97	7/8	2,223.37	7/8	2,053.04	7/8	1,889.98	7/8	1,733.97	7/8	1,584.39	7/8	1,441.11	7/8	1,304.13	7/8	1,173.46	7/8	1,049.09
2	2,397.20	8	2,219.75	2	2,049.58	8	1,886.66	2	1,730.80	8	1,581.34	2	1,438.20	8	1,301.35	2	1,170.81	8	1,046.57
1/8	2,393.43	1/8	2,216.14	1/8	2,046.11	1/8	1,883.35	1/8	1,727.62	1/8	1,578.30	1/8	1,435.28	1/8	1,298.57	1/8	1,168.16	1/8	1,044.06
1/4	2,389.67	1/4	2,212.52	1/4	2,042.64	1/4	1,880.03	1/4	1,724.44	1/4	1,575.25	1/4	1,432.37	1/4	1,295.79	1/4	1,165.51	1/4	1,041.54
3/8	2,385.90	3/8	2,208.90	3/8	2,039.18	3/8	1,876.71	3/8	1,721.27	3/8	1,572.21	3/8	1,429.46	3/8	1,293.00	3/8	1,162.86	3/8	1,039.02
1/2	2,382.14	1/2	2,205.28	1/2	2,035.71	1/2	1,873.40	1/2	1,718.09	1/2	1,569.16	1/2	1,426.54	1/2	1,290.22	1/2	1,160.20	1/2	1,036.50
5/8	2,378.37	5/8	2,201.66	5/8	2,032.24	5/8	1,870.08	5/8	1,714.91	5/8	1,566.12	5/8	1,423.63	5/8	1,287.44	5/8	1,157.55	5/8	1,033.98
3/4	2,374.63	3/4	2,198.07	3/4	2,028.80	3/4	1,866.79	3/4	1,711.76	3/4	1,563.10	3/4	1,420.74	3/4	1,284.68	3/4	1,154.92	3/4	1,031.48
7/8	2,370.88	7/8	2,194.48	7/8	2,025.36	7/8	1,863.50	7/8	1,708.60	7/8	1,560.07	7/8	1,417.84	7/8	1,281.92	7/8	1,152.30	7/8	1,028.98
3	2,367.14	9	2,190.89	3	2,021.92	9	1,860.21	3	1,705.45	9	1,557.05	3	1,414.95	9	1,279.16	3	1,149.67	9	1,026.48
1/8	2,363.39	1/8	2,187.29	1/8	2,018.48	1/8	1,856.92	1/8	1,702.29	1/8	1,554.03	1/8	1,412.06	1/8	1,276.40	1/8	1,147.04	1/8	1,023.98
1/4	2,359.65	1/4	2,183.70	1/4	2,015.04	1/4	1,853.63	1/4	1,699.14	1/4	1,551.00	1/4	1,409.17	1/4	1,273.63	1/4	1,144.41	1/4	1,021.49
3/8	2,355.91	3/8	2,180.11	3/8	2,011.60	3/8	1,850.34	3/8	1,695.99	3/8	1,547.98	3/8	1,406.28	3/8	1,270.87	3/8	1,141.78	3/8	1,018.99
1/2	2,352.16	1/2	2,176.51	1/2	2,008.15	1/2	1,847.05	1/2	1,692.83	1/2	1,544.96	1/2	1,403.38	1/2	1,268.11	1/2	1,139.15	1/2	1,016.49
5/8	2,348.42	5/8	2,172.92	5/8	2,004.71	5/8	1,843.76	5/8	1,689.68	5/8	1,541.93	5/8	1,400.49	5/8	1,265.35	5/8	1,136.52	5/8	1,013.99
3/4	2,344.70	3/4	2,169.35	3/4	2,001.30	3/4	1,840.49	3/4	1,686.54	3/4	1,538.93	3/4	1,397.62	3/4	1,262.61	3/4	1,133.91	3/4	1,011.52
7/8	2,340.98	7/8	2,165.79	7/8	1,997.88	7/8	1,837.22	7/8	1,683.41	7/8	1,535.93	7/8	1,394.75	7/8	1,259.87	7/8	1,131.31	7/8	1,009.04
4	2,337.26	10	2,162.22	4	1,994.46	10	1,833.96	4	1,680.28	10	1,532.93	4	1,391.88	10	1,257.14	4	1,128.70	10	1,006.56
1/8	2,333.54	1/8	2,158.65	1/8	1,991.05	1/8	1,830.69	1/8	1,677.15	1/8	1,529.93	1/8	1,389.01	1/8	1,254.40	1/8	1,126.09	1/8	1,004.09
1/4	2,329.82	1/4	2,155.08	1/4	1,987.63	1/4	1,827.42	1/4	1,674.01	1/4	1,526.93	1/4	1,386.14	1/4	1,251.66	1/4	1,123.48	1/4	1,001.61
3/8	2,326.10	3/8	2,151.52	3/8	1,984.22	3/8	1,824.16	3/8	1,670.88	3/8	1,523.92	3/8	1,383.27	3/8	1,248.92	3/8	1,120.88	3/8	999.14
1/2	2,322.38	1/2	2,147.95	1/2	1,980.80	1/2	1,820.89	1/2	1,667.75	1/2	1,520.92	1/2	1,380.40	1/2	1,246.18	1/2	1,118.27	1/2	996.66
5/8	2,318.66	5/8	2,144.38	5/8	1,977.38	5/8	1,817.62	5/8	1,664.61	5/8	1,517.92	5/8	1,377.53	5/8	1,243.44	5/8	1,115.66	5/8	994.18
3/4	2,314.97	3/4	2,140.84	3/4	1,973.99	3/4	1,814.38	3/4	1,661.50	3/4	1,514.94	3/4	1,374.68	3/4	1,240.73	3/4	1,113.08	3/4	991.73
7/8	2,311.27	7/8	2,137.30	7/8	1,970.60	7/8	1,811.14	7/8	1,658.39	7/8	1,511.96	7/8	1,371.84	7/8	1,238.01	7/8	1,110.49	7/8	989.28
5	2,307.58	11	2,133.75	5	1,967.21	11	1,807.89	5	1,655.28	11	1,508.98	5	1,368.99	11	1,235.29	5	1,107.90	11	986.82
1/8	2,303.88	1/8	2,130.21	1/8	1,963.82	1/8	1,804.65	1/8	1,652.17	1/8	1,506.00	1/8	1,366.14	1/8	1,232.57	1/8	1,105.32	1/8	984.37
1/4	2,300.19	1/4	2,126.67	1/4	1,960.43	1/4	1,801.41	1/4	1,649.06	1/4	1,503.02	1/4	1,363.29	1/4	1,229.86	1/4	1,102.73	1/4	981.91
3/8	2,296.50	3/8	2,123.13	3/8	1,957.04	3/8	1,798.16	3/8	1,645.95	3/8	1,500.04	3/8	1,360.44	3/8	1,227.14	3/8	1,100.15	3/8	979.46
1/2	2,292.80	1/2	2,119.59	1/2	1,953.65	1/2	1,794.92	1/2	1,642.84	1/2	1,497.06	1/2	1,357.59	1/2	1,224.42	1/2	1,097.56	1/2	977.00
5/8	2,289.11	5/8	2,116.04	5/8	1,950.26	5/8	1,791.68	5/8	1,639.73	5/8	1,494.08	5/8	1,354.75	5/8	1,221.71	5/8	1,094.98	5/8	974.55
3/4	2,285.44	3/4	2,112.53	3/4	1,946.89	3/4	1,788.46	3/4	1,636.64	3/4	1,491.13	3/4	1,351.92	3/4	1,219.01	3/4	1,092.41	3/4	972.12
7/8	2,281.77	7/8	2,109.01	7/8	1,943.53	7/8	1,785.23	7/8	1,633.55	7/8	1,488.17	7/8	1,349.09	7/8	1,216.32	7/8	1,089.85	7/8	969.69

GAUGE LOCATED 4'-8" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 PORT

ULLAGE TABLE

GAUGE HEIGHT 36'-10 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	967.25	6	853.52	0	746.10	6	644.98	0	550.16	6	461.48	0	379.03	6	302.89	0	237.51	6	179.74
1/8	964.82	1/8	851.22	1/8	743.93	1/8	642.94	1/8	548.25	1/8	459.70	1/8	377.38	1/8	301.37	1/8	236.24	1/8	178.61
1/4	962.39	1/4	848.92	1/4	741.76	1/4	640.90	1/4	546.35	1/4	457.92	1/4	375.73	1/4	299.85	1/4	234.97	1/4	177.47
3/8	959.96	3/8	846.62	3/8	739.59	3/8	638.86	3/8	544.44	3/8	456.14	3/8	374.08	3/8	298.33	3/8	233.70	3/8	176.34
1/2	957.52	1/2	844.32	1/2	737.42	1/2	636.83	1/2	542.53	1/2	454.36	1/2	372.43	1/2	296.82	1/2	232.43	1/2	175.21
5/8	955.09	5/8	842.02	5/8	735.25	5/8	634.79	5/8	540.63	5/8	452.58	5/8	370.79	5/8	295.30	5/8	231.16	5/8	174.08
3/4	952.68	3/4	839.74	3/4	733.10	3/4	632.77	3/4	538.74	3/4	450.82	3/4	369.16	3/4	293.86	3/4	229.92	3/4	172.97
7/8	950.27	7/8	837.46	7/8	730.96	7/8	630.75	7/8	536.86	7/8	449.06	7/8	367.53	7/8	292.43	7/8	228.67	7/8	171.86
1	947.86	7	835.18	1	728.81	7	628.74	1	534.97	7	447.30	1	365.90	7	290.99	1	227.42	7	170.75
1/8	945.45	1/8	832.90	1/8	726.66	1/8	626.72	1/8	533.09	1/8	445.54	1/8	364.28	1/8	289.56	1/8	226.18	1/8	169.64
1/4	943.04	1/4	830.62	1/4	724.51	1/4	624.71	1/4	531.20	1/4	443.78	1/4	362.65	1/4	288.12	1/4	224.93	1/4	168.53
3/8	940.63	3/8	828.35	3/8	722.36	3/8	622.69	3/8	529.32	3/8	442.03	3/8	361.02	3/8	286.69	3/8	223.69	3/8	167.42
1/2	938.22	1/2	826.07	1/2	720.22	1/2	620.67	1/2	527.43	1/2	440.27	1/2	359.39	1/2	285.25	1/2	222.44	1/2	166.31
5/8	935.81	5/8	823.79	5/8	718.07	5/8	618.66	5/8	525.55	5/8	438.51	5/8	357.77	5/8	283.82	5/8	221.19	5/8	165.20
3/4	933.42	3/4	821.53	3/4	715.94	3/4	616.66	3/4	523.68	3/4	436.77	3/4	356.16	3/4	282.45	3/4	219.97	3/4	164.11
7/8	931.03	7/8	819.27	7/8	713.82	7/8	614.67	7/8	521.81	7/8	435.03	7/8	354.56	7/8	281.08	7/8	218.75	7/8	163.02
2	928.64	8	817.02	2	711.69	8	612.67	2	519.94	8	433.30	2	352.95	8	279.71	2	217.52	8	161.94
1/8	926.26	1/8	814.76	1/8	709.57	1/8	610.68	1/8	518.08	1/8	431.56	1/8	351.34	1/8	278.34	1/8	216.30	1/8	160.85
1/4	923.87	1/4	812.50	1/4	707.44	1/4	608.68	1/4	516.21	1/4	429.82	1/4	349.74	1/4	276.97	1/4	215.08	1/4	159.76
3/8	921.48	3/8	810.24	3/8	705.31	3/8	606.69	3/8	514.34	3/8	428.09	3/8	348.13	3/8	275.60	3/8	213.85	3/8	158.67
1/2	919.09	1/2	807.99	1/2	703.19	1/2	604.70	1/2	512.48	1/2	426.35	1/2	346.53	1/2	274.24	1/2	212.63	1/2	157.58
5/8	916.70	5/8	805.73	5/8	701.06	5/8	602.70	5/8	510.61	5/8	424.61	5/8	344.92	5/8	272.87	5/8	211.40	5/8	156.49
3/4	914.33	3/4	803.49	3/4	698.96	3/4	600.73	3/4	508.76	3/4	422.90	3/4	343.34	3/4	271.53	3/4	210.20	3/4	155.43
7/8	911.97	7/8	801.26	7/8	696.86	7/8	598.76	7/8	506.92	7/8	421.18	7/8	341.76	7/8	270.19	7/8	209.00	7/8	154.37
3	909.60	9	799.02	3	694.75	9	596.78	3	505.07	9	419.47	3	340.17	9	268.85	3	207.80	9	153.31
1/8	907.24	1/8	796.79	1/8	692.65	1/8	594.81	1/8	503.22	1/8	417.75	1/8	338.59	1/8	267.51	1/8	206.60	1/8	152.25
1/4	904.87	1/4	794.55	1/4	690.54	1/4	592.84	1/4	501.38	1/4	416.04	1/4	337.00	1/4	266.17	1/4	205.40	1/4	151.19
3/8	902.50	3/8	792.32	3/8	688.44	3/8	590.87	3/8	499.53	3/8	414.32	3/8	335.42	3/8	264.83	3/8	204.20	3/8	150.13
1/2	900.14	1/2	790.08	1/2	686.34	1/2	588.89	1/2	497.68	1/2	412.61	1/2	333.84	1/2	263.49	1/2	203.00	1/2	149.07
5/8	897.77	5/8	787.85	5/8	684.23	5/8	586.92	5/8	495.84	5/8	410.89	5/8	332.25	5/8	262.15	5/8	201.80	5/8	148.02
3/4	895.42	3/4	785.63	3/4	682.15	3/4	584.97	3/4	494.01	3/4	409.20	3/4	330.69	3/4	260.84	3/4	200.62	3/4	146.95
7/8	893.08	7/8	783.42	7/8	680.07	7/8	583.02	7/8	492.19	7/8	407.51	7/8	329.13	7/8	259.53	7/8	199.44	7/8	145.89
4	890.73	10	781.21	4	677.99	10	581.07	4	490.37	10	405.82	4	327.57	10	258.21	4	198.26	10	144.83
1/8	888.39	1/8	778.99	1/8	675.90	1/8	579.12	1/8	488.54	1/8	404.12	1/8	326.01	1/8	256.90	1/8	197.09	1/8	143.77
1/4	886.05	1/4	776.78	1/4	673.82	1/4	577.17	1/4	486.72	1/4	402.43	1/4	324.45	1/4	255.58	1/4	195.91	1/4	142.71
3/8	883.70	3/8	774.57	3/8	671.74	3/8	575.22	3/8	484.89	3/8	400.74	3/8	322.88	3/8	254.27	3/8	194.73	3/8	141.64
1/2	881.36	1/2	772.35	1/2	669.66	1/2	573.26	1/2	483.07	1/2	399.04	1/2	321.32	1/2	252.95	1/2	193.55	1/2	140.58
5/8	879.01	5/8	770.14	5/8	667.58	5/8	571.31	5/8	481.24	5/8	397.35	5/8	319.76	5/8	251.64	5/8	192.38	5/8	139.52
3/4	876.69	3/4	767.95	3/4	665.51	3/4	569.38	3/4	479.44	3/4	395.68	3/4	318.22	3/4	250.35	3/4	191.22	3/4	138.41
7/8	874.37	7/8	765.76	7/8	663.45	7/8	567.46	7/8	477.64	7/8	394.01	7/8	316.68	7/8	249.06	7/8	190.06	7/8	137.31
5	872.04	11	763.57	5	661.39	11	565.53	5	475.84	11	392.34	5	315.14	11	247.77	5	188.91	11	136.20
1/8	869.72	1/8	761.37	1/8	659.33	1/8	563.60	1/8	474.03	1/8	390.66	1/8	313.60	1/8	246.48	1/8	187.75	1/8	135.09
1/4	867.40	1/4	759.18	1/4	657.27	1/4	561.67	1/4	472.23	1/4	388.99	1/4	312.06	1/4	245.19	1/4	186.60	1/4	133.99
3/8	865.07	3/8	756.99	3/8	655.21	3/8	559.74	3/8	470.43	3/8	387.32	3/8	310.52	3/8	243.89	3/8	185.44	3/8	132.88
1/2	862.75	1/2	754.80	1/2	653.15	1/2	557.81	1/2	468.63	1/2	385.65	1/2	308.98	1/2	242.60	1/2	184.29	1/2	131.77
5/8	860.43	5/8	752.61	5/8	651.09	5/8	555.88	5/8	466.82	5/8	383.98	5/8	307.44	5/8	241.31	5/8	183.13	5/8	130.66
3/4	858.13	3/4	750.44	3/4	649.06	3/4	553.98	3/4	465.04	3/4	382.33	3/4	305.92	3/4	240.04	3/4	182.00	3/4	129.56
7/8	855.83	7/8	748.27	7/8	647.02	7/8	552.07	7/8	463.26	7/8	380.68	7/8	304.40	7/8	238.77	7/8	180.87	7/8	128.46

GAUGE LOCATED 4'-8" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 PORT

ULLAGE TABLE

GAUGE HEIGHT 36'-10 5/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.
0	127.36	6	77.80	0	36.26	6	10.21
1/8	126.26	1/8	76.84	1/8	35.54	1/8	9.86
1/4	125.16	1/4	75.88	1/4	34.82	1/4	9.52
3/8	124.06	3/8	74.93	3/8	34.09	3/8	9.17
1/2	122.96	1/2	73.97	1/2	33.37	1/2	8.82
5/8	121.86	5/8	73.01	5/8	32.64	5/8	8.47
3/4	120.78	3/4	72.08	3/4	31.98	3/4	8.19
7/8	119.70	7/8	71.15	7/8	31.31	7/8	7.90
1	118.63	7	70.22	1	30.65	7	7.61
1/8	117.55	1/8	69.28	1/8	29.99	1/8	7.33
1/4	116.47	1/4	68.35	1/4	29.32	1/4	7.04
3/8	115.39	3/8	67.42	3/8	28.66	3/8	6.75
1/2	114.32	1/2	66.49	1/2	27.99	1/2	6.47
5/8	113.24	5/8	65.56	5/8	27.33	5/8	6.18
3/4	112.19	3/4	64.65	3/4	26.73	3/4	5.95
7/8	111.13	7/8	63.75	7/8	26.14	7/8	5.71
2	110.08	8	62.85	2	25.54	8	5.48
1/8	109.03	1/8	61.94	1/8	24.94	1/8	5.24
1/4	107.97	1/4	61.04	1/4	24.35	1/4	5.01
3/8	106.92	3/8	60.14	3/8	23.75	3/8	4.78
1/2	105.86	1/2	59.24	1/2	23.15	1/2	4.54
5/8	104.81	5/8	58.33	5/8	22.56	5/8	4.31
3/4	103.78	3/4	57.46	3/4	22.02	3/4	4.13
7/8	102.75	7/8	56.59	7/8	21.49	7/8	3.96
3	101.72	9	55.71	3	20.96	9	3.78
1/8	100.69	1/8	54.84	1/8	20.43	1/8	3.61
1/4	99.66	1/4	53.97	1/4	19.89	1/4	3.43
3/8	98.63	3/8	53.09	3/8	19.36	3/8	3.25
1/2	97.60	1/2	52.22	1/2	18.83	1/2	3.08
5/8	96.57	5/8	51.34	5/8	18.30	5/8	2.90
3/4	95.57	3/4	50.51	3/4	17.82	3/4	2.78
7/8	94.56	7/8	49.68	7/8	17.35	7/8	2.66
4	93.55	10	48.85	4	16.88	10	2.54
1/8	92.55	1/8	48.02	1/8	16.41	1/8	2.42
1/4	91.54	1/4	47.18	1/4	15.94	1/4	2.30
3/8	90.54	3/8	46.35	3/8	15.47	3/8	2.18
1/2	89.53	1/2	45.52	1/2	15.00	1/2	2.06
5/8	88.52	5/8	44.69	5/8	14.53	5/8	1.94
3/4	87.54	3/4	43.91	3/4	14.12		
7/8	86.56	7/8	43.12	7/8	13.71		
5	85.58	11	42.34	5	13.30		
1/8	84.60	1/8	41.56	1/8	12.89		
1/4	83.61	1/4	40.78	1/4	12.48		
3/8	82.63	3/8	40.00	3/8	12.07		
1/2	81.65	1/2	39.22	1/2	11.66		
5/8	80.67	5/8	38.44	5/8	11.26		
3/4	79.71	3/4	37.71	3/4	10.91		
7/8	78.76	7/8	36.99	7/8	10.56		

GAUGE LOCATED 4'-8" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 STAR

ULLAGE TABLE

GAUGE HEIGHT 36'-10 7/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

0 FT.		0 FT.		1 FT.		1 FT.		2 FT.		2 FT.		3 FT.		3 FT.		4 FT.		4 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		6		0		6		0		6		0		6		0		6	
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	10,035.54
1		7		1		7		1		7		1		7		1		7	10,034.32
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	10,033.09
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	10,031.87
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	10,030.64
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	10,029.42
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	10,028.19
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	10,026.97
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	10,025.75
2		8		2		8		2		8		2		8		2		8	10,024.25
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	10,022.75
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	10,021.25
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	10,019.75
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	10,018.25
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	10,016.75
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	10,015.25
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	10,013.75
3		9		3		9		3		9		3		9		3		9	10,011.96
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	10,010.17
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	10,008.38
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	10,006.59
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	10,004.80
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	10,003.01
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	10,001.22
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,999.44
4		10		4		10		4		10		4		10		4		10	9,997.33
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,995.22
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,993.11
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,991.00
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,988.90
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,986.79
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,984.68
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,982.57
5		11		5		11		5		11		5		11		5		11	9,980.18
1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8		1/8	9,977.78
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	9,975.39
3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8		3/8	9,973.00
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	9,970.60
5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8		5/8	9,968.21
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	9,965.82
7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8		7/8	9,963.42

GAUGE LOCATED 4'-7" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

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STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 STAR
ULLAGE TABLE

GAUGE HEIGHT 36'-10 7/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	9,960.75	6	9,798.61	0	9,609.96	6	9,421.31	0	9,232.66	6	9,044.01	0	8,855.36	6	8,666.71	0	8,478.06	6	8,289.41
1/8	9,958.09	1/8	9,794.68	1/8	9,606.03	1/8	9,417.38	1/8	9,228.73	1/8	9,040.08	1/8	8,851.43	1/8	8,662.78	1/8	8,474.13	1/8	8,285.48
1/4	9,955.42	1/4	9,790.75	1/4	9,602.10	1/4	9,413.45	1/4	9,224.80	1/4	9,036.15	1/4	8,847.50	1/4	8,658.85	1/4	8,470.20	1/4	8,281.55
3/8	9,952.75	3/8	9,786.82	3/8	9,598.17	3/8	9,409.52	3/8	9,220.87	3/8	9,032.22	3/8	8,843.57	3/8	8,654.92	3/8	8,466.27	3/8	8,277.62
1/2	9,950.08	1/2	9,782.89	1/2	9,594.24	1/2	9,405.59	1/2	9,216.94	1/2	9,028.29	1/2	8,839.64	1/2	8,650.99	1/2	8,462.34	1/2	8,273.69
5/8	9,947.41	5/8	9,778.96	5/8	9,590.31	5/8	9,401.66	5/8	9,213.01	5/8	9,024.36	5/8	8,835.71	5/8	8,647.06	5/8	8,458.41	5/8	8,269.76
3/4	9,944.75	3/4	9,775.03	3/4	9,586.38	3/4	9,397.73	3/4	9,209.08	3/4	9,020.43	3/4	8,831.78	3/4	8,643.13	3/4	8,454.48	3/4	8,265.83
7/8	9,942.08	7/8	9,771.10	7/8	9,582.45	7/8	9,393.80	7/8	9,205.15	7/8	9,016.50	7/8	8,827.85	7/8	8,639.20	7/8	8,450.55	7/8	8,261.90
1	9,939.13	7	9,767.17	1	9,578.52	7	9,389.87	1	9,201.22	7	9,012.57	1	8,823.92	7	8,635.27	1	8,446.62	7	8,257.97
1/8	9,936.19	1/8	9,763.24	1/8	9,574.59	1/8	9,385.94	1/8	9,197.29	1/8	9,008.64	1/8	8,819.99	1/8	8,631.34	1/8	8,442.69	1/8	8,254.04
1/4	9,933.25	1/4	9,759.31	1/4	9,570.66	1/4	9,382.01	1/4	9,193.36	1/4	9,004.71	1/4	8,816.06	1/4	8,627.41	1/4	8,438.76	1/4	8,250.11
3/8	9,930.30	3/8	9,755.38	3/8	9,566.73	3/8	9,378.08	3/8	9,189.43	3/8	9,000.78	3/8	8,812.13	3/8	8,623.48	3/8	8,434.83	3/8	8,246.18
1/2	9,927.36	1/2	9,751.45	1/2	9,562.80	1/2	9,374.15	1/2	9,185.50	1/2	8,996.85	1/2	8,808.20	1/2	8,619.55	1/2	8,430.90	1/2	8,242.25
5/8	9,924.42	5/8	9,747.52	5/8	9,558.87	5/8	9,370.22	5/8	9,181.57	5/8	8,992.92	5/8	8,804.27	5/8	8,615.62	5/8	8,426.97	5/8	8,238.32
3/4	9,921.47	3/4	9,743.59	3/4	9,554.94	3/4	9,366.29	3/4	9,177.64	3/4	8,988.99	3/4	8,800.34	3/4	8,611.69	3/4	8,423.04	3/4	8,234.39
7/8	9,918.53	7/8	9,739.66	7/8	9,551.01	7/8	9,362.36	7/8	9,173.71	7/8	8,985.06	7/8	8,796.41	7/8	8,607.76	7/8	8,419.11	7/8	8,230.46
2	9,915.30	8	9,735.73	2	9,547.08	8	9,358.43	2	9,169.78	8	8,981.13	2	8,792.48	8	8,603.83	2	8,415.18	8	8,226.53
1/8	9,912.06	1/8	9,731.80	1/8	9,543.15	1/8	9,354.50	1/8	9,165.85	1/8	8,977.20	1/8	8,788.55	1/8	8,599.90	1/8	8,411.25	1/8	8,222.60
1/4	9,908.83	1/4	9,727.87	1/4	9,539.22	1/4	9,350.57	1/4	9,161.92	1/4	8,973.27	1/4	8,784.62	1/4	8,595.97	1/4	8,407.32	1/4	8,218.67
3/8	9,905.59	3/8	9,723.94	3/8	9,535.29	3/8	9,346.64	3/8	9,157.99	3/8	8,969.34	3/8	8,780.69	3/8	8,592.04	3/8	8,403.39	3/8	8,214.74
1/2	9,902.36	1/2	9,720.01	1/2	9,531.36	1/2	9,342.71	1/2	9,154.06	1/2	8,965.41	1/2	8,776.76	1/2	8,588.11	1/2	8,399.46	1/2	8,210.81
5/8	9,899.13	5/8	9,716.08	5/8	9,527.43	5/8	9,338.78	5/8	9,150.13	5/8	8,961.48	5/8	8,772.83	5/8	8,584.18	5/8	8,395.53	5/8	8,206.88
3/4	9,895.89	3/4	9,712.15	3/4	9,523.50	3/4	9,334.85	3/4	9,146.20	3/4	8,957.55	3/4	8,768.90	3/4	8,580.25	3/4	8,391.60	3/4	8,202.95
7/8	9,892.66	7/8	9,708.22	7/8	9,519.57	7/8	9,330.92	7/8	9,142.27	7/8	8,953.62	7/8	8,764.97	7/8	8,576.32	7/8	8,387.67	7/8	8,199.02
3	9,889.11	9	9,704.29	3	9,515.64	9	9,326.99	3	9,138.34	9	8,949.69	3	8,761.04	9	8,572.39	3	8,383.74	9	8,195.09
1/8	9,885.56	1/8	9,700.36	1/8	9,511.71	1/8	9,323.06	1/8	9,134.41	1/8	8,945.76	1/8	8,757.11	1/8	8,568.46	1/8	8,379.81	1/8	8,191.16
1/4	9,882.00	1/4	9,696.43	1/4	9,507.78	1/4	9,319.13	1/4	9,130.48	1/4	8,941.83	1/4	8,753.18	1/4	8,564.53	1/4	8,375.88	1/4	8,187.23
3/8	9,878.45	3/8	9,692.50	3/8	9,503.85	3/8	9,315.20	3/8	9,126.55	3/8	8,937.90	3/8	8,749.25	3/8	8,560.60	3/8	8,371.95	3/8	8,183.30
1/2	9,874.90	1/2	9,688.56	1/2	9,499.92	1/2	9,311.27	1/2	9,122.62	1/2	8,933.97	1/2	8,745.32	1/2	8,556.67	1/2	8,368.02	1/2	8,179.37
5/8	9,871.35	5/8	9,684.63	5/8	9,495.99	5/8	9,307.34	5/8	9,118.69	5/8	8,930.04	5/8	8,741.39	5/8	8,552.74	5/8	8,364.09	5/8	8,175.44
3/4	9,867.80	3/4	9,680.70	3/4	9,492.05	3/4	9,303.41	3/4	9,114.76	3/4	8,926.11	3/4	8,737.46	3/4	8,548.81	3/4	8,360.16	3/4	8,171.51
7/8	9,864.24	7/8	9,676.77	7/8	9,488.12	7/8	9,299.48	7/8	9,110.83	7/8	8,922.18	7/8	8,733.53	7/8	8,544.88	7/8	8,356.23	7/8	8,167.58
4	9,860.44	10	9,672.84	4	9,484.19	10	9,295.54	4	9,106.90	10	8,918.25	4	8,729.60	10	8,540.95	4	8,352.30	10	8,163.65
1/8	9,856.64	1/8	9,668.91	1/8	9,480.26	1/8	9,291.61	1/8	9,102.97	1/8	8,914.32	1/8	8,725.67	1/8	8,537.02	1/8	8,348.37	1/8	8,159.72
1/4	9,852.83	1/4	9,664.98	1/4	9,476.33	1/4	9,287.68	1/4	9,099.03	1/4	8,910.39	1/4	8,721.74	1/4	8,533.09	1/4	8,344.44	1/4	8,155.79
3/8	9,849.03	3/8	9,661.05	3/8	9,472.40	3/8	9,283.75	3/8	9,095.10	3/8	8,906.46	3/8	8,717.81	3/8	8,529.16	3/8	8,340.51	3/8	8,151.86
1/2	9,845.23	1/2	9,657.12	1/2	9,468.47	1/2	9,279.82	1/2	9,091.17	1/2	8,902.52	1/2	8,713.88	1/2	8,525.23	1/2	8,336.58	1/2	8,147.93
5/8	9,841.42	5/8	9,653.19	5/8	9,464.54	5/8	9,275.89	5/8	9,087.24	5/8	8,898.59	5/8	8,709.95	5/8	8,521.30	5/8	8,332.65	5/8	8,144.00
3/4	9,837.62	3/4	9,649.26	3/4	9,460.61	3/4	9,271.96	3/4	9,083.31	3/4	8,894.66	3/4	8,706.01	3/4	8,517.37	3/4	8,328.72	3/4	8,140.07
7/8	9,833.82	7/8	9,645.33	7/8	9,456.68	7/8	9,268.03	7/8	9,079.38	7/8	8,890.73	7/8	8,702.08	7/8	8,513.44	7/8	8,324.79	7/8	8,136.14
5	9,829.91	11	9,641.40	5	9,452.75	11	9,264.10	5	9,075.45	11	8,886.80	5	8,698.15	11	8,509.50	5	8,320.86	11	8,132.21
1/8	9,826.00	1/8	9,637.47	1/8	9,448.82	1/8	9,260.17	1/8	9,071.52	1/8	8,882.87	1/8	8,694.22	1/8	8,505.57	1/8	8,316.93	1/8	8,128.28
1/4	9,822.09	1/4	9,633.54	1/4	9,444.89	1/4	9,256.24	1/4	9,067.59	1/4	8,878.94	1/4	8,690.29	1/4	8,501.64	1/4	8,312.99	1/4	8,124.35
3/8	9,818.18	3/8	9,629.61	3/8	9,440.96	3/8	9,252.31	3/8	9,063.66	3/8	8,875.01	3/8	8,686.36	3/8	8,497.71	3/8	8,309.06	3/8	8,120.42
1/2	9,814.27	1/2	9,625.68	1/2	9,437.03	1/2	9,248.38	1/2	9,059.73	1/2	8,871.08	1/2	8,682.43	1/2	8,493.78	1/2	8,305.13	1/2	8,116.48
5/8	9,810.36	5/8	9,621.75	5/8	9,433.10	5/8	9,244.45	5/8	9,055.80	5/8	8,867.15	5/8	8,678.50	5/8	8,489.85	5/8	8,301.20	5/8	8,112.55
3/4	9,806.45	3/4	9,617.82	3/4	9,429.17	3/4	9,240.52	3/4	9,051.87	3/4	8,863.22	3/4	8,674.57	3/4	8,485.92	3/4	8,297.27	3/4	8,108.62
7/8	9,802.54	7/8	9,613.89	7/8	9,425.24	7/8	9,236.59	7/8	9,047.94	7/8	8,859.29	7/8	8,670.64	7/8	8,481.99	7/8	8,293.34	7/8	8,104.69

GAUGE LOCATED 4'-7" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 STAR

ULLAGE TABLE

GAUGE HEIGHT 36'-10 7/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.
0	8,100.76	6	7,912.11	0	7,723.46	6	7,534.82	0	7,346.17	6	7,157.52	0	6,968.87	6	6,780.22	0	6,591.66	6	6,403.34
1/8	8,096.83	1/8	7,908.18	1/8	7,719.53	1/8	7,530.89	1/8	7,342.24	1/8	7,153.59	1/8	6,964.94	1/8	6,776.29	1/8	6,587.74	1/8	6,399.41
1/4	8,092.90	1/4	7,904.25	1/4	7,715.60	1/4	7,526.95	1/4	7,338.31	1/4	7,149.66	1/4	6,961.01	1/4	6,772.36	1/4	6,583.81	1/4	6,395.49
3/8	8,088.97	3/8	7,900.32	3/8	7,711.67	3/8	7,523.02	3/8	7,334.38	3/8	7,145.73	3/8	6,957.08	3/8	6,768.43	3/8	6,579.89	3/8	6,391.57
1/2	8,085.04	1/2	7,896.39	1/2	7,707.74	1/2	7,519.09	1/2	7,330.44	1/2	7,141.80	1/2	6,953.15	1/2	6,764.50	1/2	6,575.97	1/2	6,387.64
5/8	8,081.11	5/8	7,892.46	5/8	7,703.81	5/8	7,515.16	5/8	7,326.51	5/8	7,137.87	5/8	6,949.22	5/8	6,760.57	5/8	6,572.04	5/8	6,383.72
3/4	8,077.18	3/4	7,888.53	3/4	7,699.88	3/4	7,511.23	3/4	7,322.58	3/4	7,133.93	3/4	6,945.29	3/4	6,756.64	3/4	6,568.12	3/4	6,379.80
7/8	8,073.25	7/8	7,884.60	7/8	7,695.95	7/8	7,507.30	7/8	7,318.65	7/8	7,130.00	7/8	6,941.36	7/8	6,752.71	7/8	6,564.20	7/8	6,375.87
1	8,069.32	7	7,880.67	1	7,692.02	7	7,503.37	1	7,314.72	7	7,126.07	1	6,937.42	7	6,748.78	1	6,560.27	7	6,371.95
1/8	8,065.39	1/8	7,876.74	1/8	7,688.09	1/8	7,499.44	1/8	7,310.79	1/8	7,122.14	1/8	6,933.49	1/8	6,744.85	1/8	6,556.35	1/8	6,368.03
1/4	8,061.46	1/4	7,872.81	1/4	7,684.16	1/4	7,495.51	1/4	7,306.86	1/4	7,118.21	1/4	6,929.56	1/4	6,740.91	1/4	6,552.42	1/4	6,364.10
3/8	8,057.53	3/8	7,868.88	3/8	7,680.23	3/8	7,491.58	3/8	7,302.93	3/8	7,114.28	3/8	6,925.63	3/8	6,736.98	3/8	6,548.50	3/8	6,360.18
1/2	8,053.60	1/2	7,864.95	1/2	7,676.30	1/2	7,487.65	1/2	7,299.00	1/2	7,110.35	1/2	6,921.70	1/2	6,733.05	1/2	6,544.58	1/2	6,356.25
5/8	8,049.67	5/8	7,861.02	5/8	7,672.37	5/8	7,483.72	5/8	7,295.07	5/8	7,106.42	5/8	6,917.77	5/8	6,729.12	5/8	6,540.65	5/8	6,352.33
3/4	8,045.74	3/4	7,857.09	3/4	7,668.44	3/4	7,479.79	3/4	7,291.14	3/4	7,102.49	3/4	6,913.84	3/4	6,725.19	3/4	6,536.73	3/4	6,348.41
7/8	8,041.81	7/8	7,853.16	7/8	7,664.51	7/8	7,475.86	7/8	7,287.21	7/8	7,098.56	7/8	6,909.91	7/8	6,721.26	7/8	6,532.81	7/8	6,344.48
2	8,037.88	8	7,849.23	2	7,660.58	8	7,471.93	2	7,283.28	8	7,094.63	2	6,905.98	8	6,717.33	2	6,528.88	8	6,340.56
1/8	8,033.95	1/8	7,845.30	1/8	7,656.65	1/8	7,468.00	1/8	7,279.35	1/8	7,090.70	1/8	6,902.05	1/8	6,713.40	1/8	6,524.96	1/8	6,336.64
1/4	8,030.02	1/4	7,841.37	1/4	7,652.72	1/4	7,464.07	1/4	7,275.42	1/4	7,086.77	1/4	6,898.12	1/4	6,709.47	1/4	6,521.04	1/4	6,332.71
3/8	8,026.09	3/8	7,837.44	3/8	7,648.79	3/8	7,460.14	3/8	7,271.49	3/8	7,082.84	3/8	6,894.19	3/8	6,705.54	3/8	6,517.11	3/8	6,328.79
1/2	8,022.16	1/2	7,833.51	1/2	7,644.86	1/2	7,456.21	1/2	7,267.56	1/2	7,078.91	1/2	6,890.26	1/2	6,701.61	1/2	6,513.19	1/2	6,324.87
5/8	8,018.23	5/8	7,829.58	5/8	7,640.93	5/8	7,452.28	5/8	7,263.63	5/8	7,074.98	5/8	6,886.33	5/8	6,697.68	5/8	6,509.27	5/8	6,320.94
3/4	8,014.30	3/4	7,825.65	3/4	7,637.00	3/4	7,448.35	3/4	7,259.70	3/4	7,071.05	3/4	6,882.40	3/4	6,693.75	3/4	6,505.34	3/4	6,317.02
7/8	8,010.37	7/8	7,821.72	7/8	7,633.07	7/8	7,444.42	7/8	7,255.77	7/8	7,067.12	7/8	6,878.47	7/8	6,689.82	7/8	6,501.42	7/8	6,313.10
3	8,006.44	9	7,817.79	3	7,629.14	9	7,440.49	3	7,251.84	9	7,063.19	3	6,874.54	9	6,685.89	3	6,497.50	9	6,309.17
1/8	8,002.51	1/8	7,813.86	1/8	7,625.21	1/8	7,436.56	1/8	7,247.91	1/8	7,059.26	1/8	6,870.61	1/8	6,681.96	1/8	6,493.57	1/8	6,305.25
1/4	7,998.58	1/4	7,809.93	1/4	7,621.28	1/4	7,432.63	1/4	7,243.98	1/4	7,055.33	1/4	6,866.68	1/4	6,678.03	1/4	6,489.65	1/4	6,301.33
3/8	7,994.65	3/8	7,806.00	3/8	7,617.35	3/8	7,428.70	3/8	7,240.05	3/8	7,051.40	3/8	6,862.75	3/8	6,674.10	3/8	6,485.73	3/8	6,297.40
1/2	7,990.72	1/2	7,802.07	1/2	7,613.42	1/2	7,424.77	1/2	7,236.12	1/2	7,047.47	1/2	6,858.82	1/2	6,670.17	1/2	6,481.80	1/2	6,293.48
5/8	7,986.79	5/8	7,798.14	5/8	7,609.49	5/8	7,420.84	5/8	7,232.19	5/8	7,043.54	5/8	6,854.89	5/8	6,666.24	5/8	6,477.88	5/8	6,289.56
3/4	7,982.86	3/4	7,794.21	3/4	7,605.56	3/4	7,416.91	3/4	7,228.26	3/4	7,039.61	3/4	6,850.96	3/4	6,662.31	3/4	6,473.96	3/4	6,285.63
7/8	7,978.93	7/8	7,790.28	7/8	7,601.63	7/8	7,412.98	7/8	7,224.33	7/8	7,035.68	7/8	6,847.03	7/8	6,658.38	7/8	6,470.03	7/8	6,281.71
4	7,975.00	10	7,786.35	4	7,597.70	10	7,409.05	4	7,220.40	10	7,031.75	4	6,843.10	10	6,654.45	4	6,466.11	10	6,277.79
1/8	7,971.07	1/8	7,782.42	1/8	7,593.77	1/8	7,405.12	1/8	7,216.47	1/8	7,027.82	1/8	6,839.17	1/8	6,650.53	1/8	6,462.19	1/8	6,273.86
1/4	7,967.14	1/4	7,778.49	1/4	7,589.84	1/4	7,401.19	1/4	7,212.54	1/4	7,023.89	1/4	6,835.24	1/4	6,646.60	1/4	6,458.26	1/4	6,269.94
3/8	7,963.21	3/8	7,774.56	3/8	7,585.91	3/8	7,397.26	3/8	7,208.61	3/8	7,019.96	3/8	6,831.31	3/8	6,642.68	3/8	6,454.34	3/8	6,266.02
1/2	7,959.28	1/2	7,770.63	1/2	7,581.98	1/2	7,393.33	1/2	7,204.68	1/2	7,016.03	1/2	6,827.38	1/2	6,638.75	1/2	6,450.42	1/2	6,262.09
5/8	7,955.35	5/8	7,766.70	5/8	7,578.05	5/8	7,389.40	5/8	7,200.75	5/8	7,012.10	5/8	6,823.45	5/8	6,634.82	5/8	6,446.49	5/8	6,258.17
3/4	7,951.42	3/4	7,762.77	3/4	7,574.12	3/4	7,385.47	3/4	7,196.82	3/4	7,008.17	3/4	6,819.52	3/4	6,630.90	3/4	6,442.57	3/4	6,254.25
7/8	7,947.49	7/8	7,758.84	7/8	7,570.19	7/8	7,381.54	7/8	7,192.89	7/8	7,004.24	7/8	6,815.59	7/8	6,626.97	7/8	6,438.65	7/8	6,250.32
5	7,943.56	11	7,754.91	5	7,566.26	11	7,377.61	5	7,188.96	11	7,000.31	5	6,811.66	11	6,623.05	5	6,434.72	11	6,246.40
1/8	7,939.63	1/8	7,750.98	1/8	7,562.33	1/8	7,373.68	1/8	7,185.03	1/8	6,996.38	1/8	6,807.73	1/8	6,619.12	1/8	6,430.80	1/8	6,242.48
1/4	7,935.70	1/4	7,747.05	1/4	7,558.40	1/4	7,369.75	1/4	7,181.10	1/4	6,992.45	1/4	6,803.80	1/4	6,615.20	1/4	6,426.88	1/4	6,238.55
3/8	7,931.77	3/8	7,743.12	3/8	7,554.47	3/8	7,365.82	3/8	7,177.17	3/8	6,988.52	3/8	6,799.87	3/8	6,611.28	3/8	6,422.95	3/8	6,234.63
1/2	7,927.84	1/2	7,739.19	1/2	7,550.54	1/2	7,361.89	1/2	7,173.24	1/2	6,984.59	1/2	6,795.94	1/2	6,607.35	1/2	6,419.03	1/2	6,230.71
5/8	7,923.91	5/8	7,735.26	5/8	7,546.61	5/8	7,357.96	5/8	7,169.31	5/8	6,980.66	5/8	6,792.01	5/8	6,603.43	5/8	6,415.11	5/8	6,226.78
3/4	7,919.97	3/4	7,731.33	3/4	7,542.68	3/4	7,354.03	3/4	7,165.38	3/4	6,976.73	3/4	6,788.08	3/4	6,599.51	3/4	6,411.18	3/4	6,222.86
7/8	7,916.04	7/8	7,727.40	7/8	7,538.75	7/8	7,350.10	7/8	7,161.45	7/8	6,972.80	7/8	6,784.15	7/8	6,595.58	7/8	6,407.26	7/8	6,218.94

GAUGE LOCATED 4'-7" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 STAR
ULLAGE TABLE

GAUGE HEIGHT 36'-10 7/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	17 FT.	IN	18 FT.	IN	18 FT.	IN	19 FT.	IN	19 FT.
0	6,215.01	6	6,026.69	0	5,838.37	6	5,650.04	0	5,461.72	6	5,273.40	0	5,085.07	6	4,896.75	0	4,708.43	6	4,520.10
1/8	6,211.09	1/8	6,022.77	1/8	5,834.44	1/8	5,646.12	1/8	5,457.80	1/8	5,269.47	1/8	5,081.15	1/8	4,892.83	1/8	4,704.50	1/8	4,516.18
1/4	6,207.17	1/4	6,018.84	1/4	5,830.52	1/4	5,642.20	1/4	5,453.87	1/4	5,265.55	1/4	5,077.23	1/4	4,888.90	1/4	4,700.58	1/4	4,512.26
3/8	6,203.24	3/8	6,014.92	3/8	5,826.60	3/8	5,638.27	3/8	5,449.95	3/8	5,261.63	3/8	5,073.30	3/8	4,884.98	3/8	4,696.66	3/8	4,508.33
1/2	6,199.32	1/2	6,011.00	1/2	5,822.67	1/2	5,634.35	1/2	5,446.03	1/2	5,257.70	1/2	5,069.38	1/2	4,881.06	1/2	4,692.73	1/2	4,504.41
5/8	6,195.40	5/8	6,007.07	5/8	5,818.75	5/8	5,630.43	5/8	5,442.10	5/8	5,253.78	5/8	5,065.46	5/8	4,877.13	5/8	4,688.81	5/8	4,500.49
3/4	6,191.47	3/4	6,003.15	3/4	5,814.83	3/4	5,626.50	3/4	5,438.18	3/4	5,249.86	3/4	5,061.53	3/4	4,873.21	3/4	4,684.89	3/4	4,496.57
7/8	6,187.55	7/8	5,999.23	7/8	5,810.90	7/8	5,622.58	7/8	5,434.26	7/8	5,245.93	7/8	5,057.61	7/8	4,869.29	7/8	4,680.96	7/8	4,492.64
1	6,183.63	7	5,995.30	1	5,806.98	7	5,618.66	1	5,430.33	7	5,242.01	1	5,053.69	7	4,865.36	1	4,677.04	7	4,488.72
1/8	6,179.70	1/8	5,991.38	1/8	5,803.06	1/8	5,614.73	1/8	5,426.41	1/8	5,238.09	1/8	5,049.76	1/8	4,861.44	1/8	4,673.12	1/8	4,484.80
1/4	6,175.78	1/4	5,987.46	1/4	5,799.13	1/4	5,610.81	1/4	5,422.49	1/4	5,234.16	1/4	5,045.84	1/4	4,857.52	1/4	4,669.19	1/4	4,480.88
3/8	6,171.86	3/8	5,983.53	3/8	5,795.21	3/8	5,606.89	3/8	5,418.56	3/8	5,230.24	3/8	5,041.92	3/8	4,853.59	3/8	4,665.27	3/8	4,476.95
1/2	6,167.93	1/2	5,979.61	1/2	5,791.29	1/2	5,602.96	1/2	5,414.64	1/2	5,226.32	1/2	5,037.99	1/2	4,849.67	1/2	4,661.35	1/2	4,473.03
5/8	6,164.01	5/8	5,975.69	5/8	5,787.36	5/8	5,599.04	5/8	5,410.72	5/8	5,222.39	5/8	5,034.07	5/8	4,845.75	5/8	4,657.42	5/8	4,469.11
3/4	6,160.08	3/4	5,971.76	3/4	5,783.44	3/4	5,595.12	3/4	5,406.79	3/4	5,218.47	3/4	5,030.15	3/4	4,841.82	3/4	4,653.50	3/4	4,465.19
7/8	6,156.16	7/8	5,967.84	7/8	5,779.52	7/8	5,591.19	7/8	5,402.87	7/8	5,214.55	7/8	5,026.22	7/8	4,837.90	7/8	4,649.58	7/8	4,461.26
2	6,152.24	8	5,963.91	2	5,775.59	8	5,587.27	2	5,398.95	8	5,210.62	2	5,022.30	8	4,833.98	2	4,645.65	8	4,457.34
1/8	6,148.31	1/8	5,959.99	1/8	5,771.67	1/8	5,583.35	1/8	5,395.02	1/8	5,206.70	1/8	5,018.38	1/8	4,830.05	1/8	4,641.73	1/8	4,453.42
1/4	6,144.39	1/4	5,956.07	1/4	5,767.74	1/4	5,579.42	1/4	5,391.10	1/4	5,202.78	1/4	5,014.45	1/4	4,826.13	1/4	4,637.80	1/4	4,449.50
3/8	6,140.47	3/8	5,952.14	3/8	5,763.82	3/8	5,575.50	3/8	5,387.18	3/8	5,198.85	3/8	5,010.53	3/8	4,822.21	3/8	4,633.88	3/8	4,445.58
1/2	6,136.54	1/2	5,948.22	1/2	5,759.90	1/2	5,571.57	1/2	5,383.25	1/2	5,194.93	1/2	5,006.61	1/2	4,818.28	1/2	4,629.96	1/2	4,441.66
5/8	6,132.62	5/8	5,944.30	5/8	5,755.97	5/8	5,567.65	5/8	5,379.33	5/8	5,191.01	5/8	5,002.68	5/8	4,814.36	5/8	4,626.03	5/8	4,437.74
3/4	6,128.70	3/4	5,940.37	3/4	5,752.05	3/4	5,563.73	3/4	5,375.40	3/4	5,187.08	3/4	4,998.76	3/4	4,810.44	3/4	4,622.11	3/4	4,433.81
7/8	6,124.77	7/8	5,936.45	7/8	5,748.13	7/8	5,559.80	7/8	5,371.48	7/8	5,183.16	7/8	4,994.84	7/8	4,806.51	7/8	4,618.19	7/8	4,429.89
3	6,120.85	9	5,932.53	3	5,744.20	9	5,555.88	3	5,367.56	9	5,179.23	3	4,990.91	9	4,802.59	3	4,614.26	9	4,425.97
1/8	6,116.93	1/8	5,928.60	1/8	5,740.28	1/8	5,551.96	1/8	5,363.63	1/8	5,175.31	1/8	4,986.99	1/8	4,798.67	1/8	4,610.34	1/8	4,422.05
1/4	6,113.00	1/4	5,924.68	1/4	5,736.36	1/4	5,548.03	1/4	5,359.71	1/4	5,171.39	1/4	4,983.06	1/4	4,794.74	1/4	4,606.42	1/4	4,418.13
3/8	6,109.08	3/8	5,920.76	3/8	5,732.43	3/8	5,544.11	3/8	5,355.79	3/8	5,167.46	3/8	4,979.14	3/8	4,790.82	3/8	4,602.49	3/8	4,414.21
1/2	6,105.16	1/2	5,916.83	1/2	5,728.51	1/2	5,540.19	1/2	5,351.86	1/2	5,163.54	1/2	4,975.22	1/2	4,786.89	1/2	4,598.57	1/2	4,410.29
5/8	6,101.23	5/8	5,912.91	5/8	5,724.59	5/8	5,536.26	5/8	5,347.94	5/8	5,159.62	5/8	4,971.29	5/8	4,782.97	5/8	4,594.65	5/8	4,406.37
3/4	6,097.31	3/4	5,908.99	3/4	5,720.66	3/4	5,532.34	3/4	5,344.02	3/4	5,155.69	3/4	4,967.37	3/4	4,779.05	3/4	4,590.72	3/4	4,402.45
7/8	6,093.39	7/8	5,905.06	7/8	5,716.74	7/8	5,528.42	7/8	5,340.09	7/8	5,151.77	7/8	4,963.45	7/8	4,775.12	7/8	4,586.80	7/8	4,398.52
4	6,089.46	10	5,901.14	4	5,712.82	10	5,524.49	4	5,336.17	10	5,147.85	4	4,959.52	10	4,771.20	4	4,582.88	10	4,394.60
1/8	6,085.54	1/8	5,897.22	1/8	5,708.89	1/8	5,520.57	1/8	5,332.25	1/8	5,143.92	1/8	4,955.60	1/8	4,767.28	1/8	4,578.95	1/8	4,390.68
1/4	6,081.62	1/4	5,893.29	1/4	5,704.97	1/4	5,516.65	1/4	5,328.32	1/4	5,140.00	1/4	4,951.68	1/4	4,763.35	1/4	4,575.03	1/4	4,386.76
3/8	6,077.69	3/8	5,889.37	3/8	5,701.05	3/8	5,512.72	3/8	5,324.40	3/8	5,136.08	3/8	4,947.75	3/8	4,759.43	3/8	4,571.11	3/8	4,382.84
1/2	6,073.77	1/2	5,885.45	1/2	5,697.12	1/2	5,508.80	1/2	5,320.48	1/2	5,132.15	1/2	4,943.83	1/2	4,755.51	1/2	4,567.18	1/2	4,378.92
5/8	6,069.85	5/8	5,881.52	5/8	5,693.20	5/8	5,504.88	5/8	5,316.55	5/8	5,128.23	5/8	4,939.91	5/8	4,751.58	5/8	4,563.26	5/8	4,375.00
3/4	6,065.92	3/4	5,877.60	3/4	5,689.28	3/4	5,500.95	3/4	5,312.63	3/4	5,124.31	3/4	4,935.98	3/4	4,747.66	3/4	4,559.34	3/4	4,371.08
7/8	6,062.00	7/8	5,873.68	7/8	5,685.35	7/8	5,497.03	7/8	5,308.71	7/8	5,120.38	7/8	4,932.06	7/8	4,743.74	7/8	4,555.41	7/8	4,367.16
5	6,058.08	11	5,869.75	5	5,681.43	11	5,493.11	5	5,304.78	11	5,116.46	5	4,928.14	11	4,739.81	5	4,551.49	11	4,363.24
1/8	6,054.15	1/8	5,865.83	1/8	5,677.51	1/8	5,489.18	1/8	5,300.86	1/8	5,112.54	1/8	4,924.21	1/8	4,735.89	1/8	4,547.57	1/8	4,359.32
1/4	6,050.23	1/4	5,861.91	1/4	5,673.58	1/4	5,485.26	1/4	5,296.94	1/4	5,108.61	1/4	4,920.29	1/4	4,731.97	1/4	4,543.64	1/4	4,355.40
3/8	6,046.31	3/8	5,857.98	3/8	5,669.66	3/8	5,481.34	3/8	5,293.01	3/8	5,104.69	3/8	4,916.37	3/8	4,728.04	3/8	4,539.72	3/8	4,351.48
1/2	6,042.38	1/2	5,854.06	1/2	5,665.74	1/2	5,477.41	1/2	5,289.09	1/2	5,100.77	1/2	4,912.44	1/2	4,724.12	1/2	4,535.80	1/2	4,347.56
5/8	6,038.46	5/8	5,850.14	5/8	5,661.81	5/8	5,473.49	5/8	5,285.17	5/8	5,096.84	5/8	4,908.52	5/8	4,720.20	5/8	4,531.87	5/8	4,343.64
3/4	6,034.54	3/4	5,846.21	3/4	5,657.89	3/4	5,469.57	3/4	5,281.24	3/4	5,092.92	3/4	4,904.60	3/4	4,716.27	3/4	4,527.95	3/4	4,339.72
7/8	6,030.61	7/8	5,842.29	7/8	5,653.97	7/8	5,465.64	7/8	5,277.32	7/8	5,089.00	7/8	4,900.67	7/8	4,712.35	7/8	4,524.03	7/8	4,335.80

GAUGE LOCATED 4'-7" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 STAR

ULLAGE TABLE

GAUGE HEIGHT 36'-10 7/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	20 FT.	IN	20 FT.	IN	21 FT.	IN	21 FT.	IN	22 FT.	IN	22 FT.	IN	23 FT.	IN	23 FT.	IN	24 FT.	IN	24 FT.
0	4,331.89	6	4,143.86	0	3,956.07	6	3,768.67	0	3,581.67	6	3,395.21	0	3,209.32	6	3,024.11	0	2,839.67	6	2,656.04
1/8	4,327.97	1/8	4,139.94	1/8	3,952.16	1/8	3,764.77	1/8	3,577.78	1/8	3,391.33	1/8	3,205.45	1/8	3,020.26	1/8	2,835.84	1/8	2,652.23
1/4	4,324.05	1/4	4,136.03	1/4	3,948.26	1/4	3,760.87	1/4	3,573.89	1/4	3,387.45	1/4	3,201.59	1/4	3,016.41	1/4	2,832.00	1/4	2,648.41
3/8	4,320.13	3/8	4,132.11	3/8	3,944.35	3/8	3,756.97	3/8	3,570.00	3/8	3,383.57	3/8	3,197.72	3/8	3,012.56	3/8	2,828.17	3/8	2,644.60
1/2	4,316.21	1/2	4,128.20	1/2	3,940.44	1/2	3,753.07	1/2	3,566.11	1/2	3,379.70	1/2	3,193.86	1/2	3,008.71	1/2	2,824.34	1/2	2,640.78
5/8	4,312.29	5/8	4,124.28	5/8	3,936.53	5/8	3,749.17	5/8	3,562.22	5/8	3,375.82	5/8	3,189.99	5/8	3,004.86	5/8	2,820.50	5/8	2,636.97
3/4	4,308.37	3/4	4,120.37	3/4	3,932.62	3/4	3,745.27	3/4	3,558.33	3/4	3,371.94	3/4	3,186.13	3/4	3,001.01	3/4	2,816.67	3/4	2,633.15
7/8	4,304.45	7/8	4,116.45	7/8	3,928.72	7/8	3,741.37	7/8	3,554.44	7/8	3,368.06	7/8	3,182.26	7/8	2,997.16	7/8	2,812.83	7/8	2,629.34
1	4,300.53	7	4,112.54	1	3,924.81	7	3,737.47	1	3,550.55	7	3,364.19	1	3,178.40	7	2,993.32	1	2,809.00	7	2,625.53
1/8	4,296.62	1/8	4,108.62	1/8	3,920.90	1/8	3,733.57	1/8	3,546.66	1/8	3,360.31	1/8	3,174.54	1/8	2,989.47	1/8	2,805.17	1/8	2,621.72
1/4	4,292.70	1/4	4,104.71	1/4	3,917.00	1/4	3,729.67	1/4	3,542.77	1/4	3,356.43	1/4	3,170.67	1/4	2,985.62	1/4	2,801.34	1/4	2,617.91
3/8	4,288.78	3/8	4,100.79	3/8	3,913.09	3/8	3,725.78	3/8	3,538.89	3/8	3,352.56	3/8	3,166.81	3/8	2,981.78	3/8	2,797.51	3/8	2,614.10
1/2	4,284.86	1/2	4,096.88	1/2	3,909.18	1/2	3,721.88	1/2	3,535.00	1/2	3,348.68	1/2	3,162.95	1/2	2,977.93	1/2	2,793.68	1/2	2,610.28
5/8	4,280.94	5/8	4,092.97	5/8	3,905.28	5/8	3,717.98	5/8	3,531.11	5/8	3,344.81	5/8	3,159.08	5/8	2,974.08	5/8	2,789.85	5/8	2,606.47
3/4	4,277.02	3/4	4,089.05	3/4	3,901.37	3/4	3,714.08	3/4	3,527.22	3/4	3,340.93	3/4	3,155.22	3/4	2,970.24	3/4	2,786.02	3/4	2,602.66
7/8	4,273.11	7/8	4,085.14	7/8	3,897.46	7/8	3,710.18	7/8	3,523.34	7/8	3,337.06	7/8	3,151.36	7/8	2,966.39	7/8	2,782.19	7/8	2,598.85
2	4,269.19	8	4,081.22	2	3,893.56	8	3,706.28	2	3,519.45	8	3,333.18	2	3,147.50	8	2,962.54	2	2,778.36	8	2,595.04
1/8	4,265.27	1/8	4,077.31	1/8	3,889.65	1/8	3,702.39	1/8	3,515.56	1/8	3,329.31	1/8	3,143.64	1/8	2,958.70	1/8	2,774.53	1/8	2,591.24
1/4	4,261.35	1/4	4,073.40	1/4	3,885.75	1/4	3,698.49	1/4	3,511.68	1/4	3,325.43	1/4	3,139.78	1/4	2,954.86	1/4	2,770.70	1/4	2,587.43
3/8	4,257.44	3/8	4,069.48	3/8	3,881.84	3/8	3,694.59	3/8	3,507.79	3/8	3,321.56	3/8	3,135.92	3/8	2,951.01	3/8	2,766.87	3/8	2,583.62
1/2	4,253.52	1/2	4,065.57	1/2	3,877.94	1/2	3,690.70	1/2	3,503.91	1/2	3,317.69	1/2	3,132.06	1/2	2,947.17	1/2	2,763.05	1/2	2,579.81
5/8	4,249.60	5/8	4,061.66	5/8	3,874.03	5/8	3,686.80	5/8	3,500.02	5/8	3,313.81	5/8	3,128.20	5/8	2,943.32	5/8	2,759.22	5/8	2,576.01
3/4	4,245.68	3/4	4,057.75	3/4	3,870.13	3/4	3,682.90	3/4	3,496.13	3/4	3,309.94	3/4	3,124.34	3/4	2,939.48	3/4	2,755.39	3/4	2,572.20
7/8	4,241.76	7/8	4,053.83	7/8	3,866.22	7/8	3,679.01	7/8	3,492.25	7/8	3,306.06	7/8	3,120.48	7/8	2,935.64	7/8	2,751.56	7/8	2,568.39
3	4,237.85	9	4,049.92	3	3,862.32	9	3,675.11	3	3,488.36	9	3,302.19	3	3,116.62	9	2,931.79	3	2,747.74	9	2,564.59
1/8	4,233.93	1/8	4,046.01	1/8	3,858.42	1/8	3,671.21	1/8	3,484.48	1/8	3,298.32	1/8	3,112.76	1/8	2,927.95	1/8	2,743.91	1/8	2,560.78
1/4	4,230.01	1/4	4,042.10	1/4	3,854.51	1/4	3,667.32	1/4	3,480.60	1/4	3,294.45	1/4	3,108.90	1/4	2,924.11	1/4	2,740.09	1/4	2,556.98
3/8	4,226.10	3/8	4,038.18	3/8	3,850.61	3/8	3,663.42	3/8	3,476.71	3/8	3,290.58	3/8	3,105.05	3/8	2,920.27	3/8	2,736.26	3/8	2,553.17
1/2	4,222.18	1/2	4,034.27	1/2	3,846.71	1/2	3,659.53	1/2	3,472.83	1/2	3,286.70	1/2	3,101.19	1/2	2,916.43	1/2	2,732.44	1/2	2,549.37
5/8	4,218.26	5/8	4,030.36	5/8	3,842.80	5/8	3,655.63	5/8	3,468.95	5/8	3,282.83	5/8	3,097.33	5/8	2,912.59	5/8	2,728.61	5/8	2,545.57
3/4	4,214.35	3/4	4,026.45	3/4	3,838.90	3/4	3,651.74	3/4	3,465.06	3/4	3,278.96	3/4	3,093.47	3/4	2,908.74	3/4	2,724.79	3/4	2,541.76
7/8	4,210.43	7/8	4,022.54	7/8	3,834.99	7/8	3,647.84	7/8	3,461.18	7/8	3,275.09	7/8	3,089.62	7/8	2,904.90	7/8	2,720.97	7/8	2,537.96
4	4,206.51	10	4,018.63	4	3,831.09	10	3,643.95	4	3,457.30	10	3,271.22	4	3,085.76	10	2,901.06	4	2,717.14	10	2,534.16
1/8	4,202.60	1/8	4,014.72	1/8	3,827.19	1/8	3,640.05	1/8	3,453.41	1/8	3,267.35	1/8	3,081.91	1/8	2,897.23	1/8	2,713.32	1/8	2,530.36
1/4	4,198.68	1/4	4,010.81	1/4	3,823.29	1/4	3,636.16	1/4	3,449.53	1/4	3,263.48	1/4	3,078.05	1/4	2,893.39	1/4	2,709.50	1/4	2,526.56
3/8	4,194.76	3/8	4,006.89	3/8	3,819.38	3/8	3,632.27	3/8	3,445.65	3/8	3,259.61	3/8	3,074.20	3/8	2,889.55	3/8	2,705.68	3/8	2,522.76
1/2	4,190.85	1/2	4,002.98	1/2	3,815.48	1/2	3,628.37	1/2	3,441.77	1/2	3,255.74	1/2	3,070.34	1/2	2,885.71	1/2	2,701.86	1/2	2,518.95
5/8	4,186.93	5/8	3,999.07	5/8	3,811.58	5/8	3,624.48	5/8	3,437.89	5/8	3,251.87	5/8	3,066.49	5/8	2,881.87	5/8	2,698.04	5/8	2,515.15
3/4	4,183.01	3/4	3,995.16	3/4	3,807.68	3/4	3,620.58	3/4	3,434.01	3/4	3,248.00	3/4	3,062.63	3/4	2,878.03	3/4	2,694.22	3/4	2,511.35
7/8	4,179.10	7/8	3,991.25	7/8	3,803.78	7/8	3,616.69	7/8	3,430.12	7/8	3,244.13	7/8	3,058.78	7/8	2,874.19	7/8	2,690.40	7/8	2,507.55
5	4,175.18	11	3,987.34	5	3,799.87	11	3,612.80	5	3,426.24	11	3,240.26	5	3,054.93	11	2,870.36	5	2,686.58	11	2,503.76
1/8	4,171.27	1/8	3,983.43	1/8	3,795.97	1/8	3,608.91	1/8	3,422.36	1/8	3,236.39	1/8	3,051.07	1/8	2,866.52	1/8	2,682.76	1/8	2,499.96
1/4	4,167.35	1/4	3,979.53	1/4	3,792.07	1/4	3,605.02	1/4	3,418.48	1/4	3,232.53	1/4	3,047.22	1/4	2,862.68	1/4	2,678.94	1/4	2,496.16
3/8	4,163.44	3/8	3,975.62	3/8	3,788.17	3/8	3,601.12	3/8	3,414.60	3/8	3,228.66	3/8	3,043.37	3/8	2,858.85	3/8	2,675.13	3/8	2,492.37
1/2	4,159.52	1/2	3,971.71	1/2	3,784.27	1/2	3,597.23	1/2	3,410.72	1/2	3,224.79	1/2	3,039.52	1/2	2,855.01	1/2	2,671.31	1/2	2,488.57
5/8	4,155.60	5/8	3,967.80	5/8	3,780.37	5/8	3,593.34	5/8	3,406.84	5/8	3,220.92	5/8	3,035.66	5/8	2,851.18	5/8	2,667.49	5/8	2,484.78
3/4	4,151.69	3/4	3,963.89	3/4	3,776.47	3/4	3,589.45	3/4	3,402.96	3/4	3,217.05	3/4	3,031.81	3/4	2,847.34	3/4	2,663.67	3/4	2,480.98
7/8	4,147.77	7/8	3,959.98	7/8	3,772.57	7/8	3,585.56	7/8	3,399.08	7/8	3,213.19	7/8	3,027.96	7/8	2,843.50	7/8	2,659.85	7/8	2,477.18

GAUGE LOCATED 4'-7" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 STAR

ULLAGE TABLE

GAUGE HEIGHT 36'-10 7/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	25 FT.	IN	25 FT.	IN	26 FT.	IN	26 FT.	IN	27 FT.	IN	27 FT.	IN	28 FT.	IN	28 FT.	IN	29 FT.	IN	29 FT.
0	2,473.40	6	2,293.92	0	2,121.42	6	1,956.17	0	1,798.11	6	1,646.65	0	1,501.49	6	1,362.61	0	1,230.01	6	1,103.71
1/8	2,469.61	1/8	2,290.26	1/8	2,117.91	1/8	1,952.81	1/8	1,794.90	1/8	1,643.57	1/8	1,498.54	1/8	1,359.79	1/8	1,227.33	1/8	1,101.16
1/4	2,465.82	1/4	2,286.60	1/4	2,114.40	1/4	1,949.46	1/4	1,791.69	1/4	1,640.49	1/4	1,495.58	1/4	1,356.97	1/4	1,224.64	1/4	1,098.60
3/8	2,462.03	3/8	2,282.94	3/8	2,110.89	3/8	1,946.10	3/8	1,788.47	3/8	1,637.41	3/8	1,492.63	3/8	1,354.15	3/8	1,221.95	3/8	1,096.04
1/2	2,458.25	1/2	2,279.28	1/2	2,107.38	1/2	1,942.74	1/2	1,785.26	1/2	1,634.33	1/2	1,489.68	1/2	1,351.33	1/2	1,219.26	1/2	1,093.48
5/8	2,454.46	5/8	2,275.62	5/8	2,103.87	5/8	1,939.38	5/8	1,782.05	5/8	1,631.25	5/8	1,486.73	5/8	1,348.51	5/8	1,216.57	5/8	1,090.93
3/4	2,450.67	3/4	2,271.96	3/4	2,100.36	3/4	1,936.03	3/4	1,778.83	3/4	1,628.16	3/4	1,483.78	3/4	1,345.69	3/4	1,213.88	3/4	1,088.37
7/8	2,446.88	7/8	2,268.30	7/8	2,096.86	7/8	1,932.67	7/8	1,775.62	7/8	1,625.08	7/8	1,480.83	7/8	1,342.87	7/8	1,211.19	7/8	1,085.81
1	2,443.11	7	2,264.66	1	2,093.37	7	1,929.34	1	1,772.43	7	1,622.02	1	1,477.90	7	1,340.07	1	1,208.53	7	1,083.28
1/8	2,439.34	1/8	2,261.03	1/8	2,089.89	1/8	1,926.00	1/8	1,769.24	1/8	1,618.96	1/8	1,474.97	1/8	1,337.27	1/8	1,205.86	1/8	1,080.74
1/4	2,435.56	1/4	2,257.39	1/4	2,086.41	1/4	1,922.67	1/4	1,766.05	1/4	1,615.90	1/4	1,472.05	1/4	1,334.48	1/4	1,203.19	1/4	1,078.20
3/8	2,431.79	3/8	2,253.76	3/8	2,082.92	3/8	1,919.34	3/8	1,762.86	3/8	1,612.84	3/8	1,469.12	3/8	1,331.68	3/8	1,200.53	3/8	1,075.67
1/2	2,428.01	1/2	2,250.12	1/2	2,079.44	1/2	1,916.01	1/2	1,759.67	1/2	1,609.78	1/2	1,466.19	1/2	1,328.88	1/2	1,197.86	1/2	1,073.13
5/8	2,424.24	5/8	2,246.49	5/8	2,075.96	5/8	1,912.67	5/8	1,756.48	5/8	1,606.72	5/8	1,463.26	5/8	1,326.08	5/8	1,195.19	5/8	1,070.60
3/4	2,420.46	3/4	2,242.85	3/4	2,072.47	3/4	1,909.34	3/4	1,753.29	3/4	1,603.66	3/4	1,460.33	3/4	1,323.28	3/4	1,192.53	3/4	1,068.06
7/8	2,416.69	7/8	2,239.22	7/8	2,068.99	7/8	1,906.01	7/8	1,750.09	7/8	1,600.60	7/8	1,457.40	7/8	1,320.49	7/8	1,189.86	7/8	1,065.53
2	2,412.93	8	2,235.61	2	2,065.53	8	1,902.70	2	1,746.93	8	1,597.57	2	1,454.49	8	1,317.71	2	1,187.22	8	1,063.01
1/8	2,409.17	1/8	2,232.00	1/8	2,062.07	1/8	1,899.39	1/8	1,743.76	1/8	1,594.53	1/8	1,451.59	1/8	1,314.93	1/8	1,184.57	1/8	1,060.50
1/4	2,405.42	1/4	2,228.39	1/4	2,058.61	1/4	1,896.08	1/4	1,740.59	1/4	1,591.49	1/4	1,448.68	1/4	1,312.16	1/4	1,181.93	1/4	1,057.98
3/8	2,401.66	3/8	2,224.78	3/8	2,055.16	3/8	1,892.78	3/8	1,737.42	3/8	1,588.45	3/8	1,445.77	3/8	1,309.38	3/8	1,179.28	3/8	1,055.47
1/2	2,397.90	1/2	2,221.17	1/2	2,051.70	1/2	1,889.47	1/2	1,734.25	1/2	1,585.41	1/2	1,442.87	1/2	1,306.61	1/2	1,176.64	1/2	1,052.96
5/8	2,394.15	5/8	2,217.56	5/8	2,048.24	5/8	1,886.16	5/8	1,731.08	5/8	1,582.38	5/8	1,439.96	5/8	1,303.83	5/8	1,173.99	5/8	1,050.44
3/4	2,390.39	3/4	2,213.95	3/4	2,044.78	3/4	1,882.85	3/4	1,727.91	3/4	1,579.34	3/4	1,437.05	3/4	1,301.05	3/4	1,171.35	3/4	1,047.93
7/8	2,386.63	7/8	2,210.34	7/8	2,041.32	7/8	1,879.55	7/8	1,724.74	7/8	1,576.30	7/8	1,434.15	7/8	1,298.28	7/8	1,168.70	7/8	1,045.42
3	2,382.90	9	2,206.76	3	2,037.89	9	1,876.26	3	1,721.60	9	1,573.28	3	1,431.26	9	1,295.52	3	1,166.08	9	1,042.92
1/8	2,379.16	1/8	2,203.17	1/8	2,034.46	1/8	1,872.98	1/8	1,718.45	1/8	1,570.27	1/8	1,428.38	1/8	1,292.77	1/8	1,163.46	1/8	1,040.43
1/4	2,375.43	1/4	2,199.59	1/4	2,031.02	1/4	1,869.70	1/4	1,715.30	1/4	1,567.25	1/4	1,425.49	1/4	1,290.02	1/4	1,160.83	1/4	1,037.94
3/8	2,371.69	3/8	2,196.01	3/8	2,027.59	3/8	1,866.41	3/8	1,712.15	3/8	1,564.24	3/8	1,422.61	3/8	1,287.26	3/8	1,158.21	3/8	1,035.45
1/2	2,367.95	1/2	2,192.42	1/2	2,024.16	1/2	1,863.13	1/2	1,709.01	1/2	1,561.22	1/2	1,419.72	1/2	1,284.51	1/2	1,155.59	1/2	1,032.96
5/8	2,364.22	5/8	2,188.84	5/8	2,020.72	5/8	1,859.85	5/8	1,705.86	5/8	1,558.20	5/8	1,416.84	5/8	1,281.75	5/8	1,152.96	5/8	1,030.46
3/4	2,360.48	3/4	2,185.25	3/4	2,017.29	3/4	1,856.57	3/4	1,702.71	3/4	1,555.19	3/4	1,413.95	3/4	1,279.00	3/4	1,150.34	3/4	1,027.97
7/8	2,356.75	7/8	2,181.67	7/8	2,013.86	7/8	1,853.28	7/8	1,699.57	7/8	1,552.17	7/8	1,411.07	7/8	1,276.24	7/8	1,147.72	7/8	1,025.48
4	2,353.04	10	2,178.11	4	2,010.45	10	1,850.02	4	1,696.44	10	1,549.18	4	1,408.20	10	1,273.51	4	1,145.12	10	1,023.01
1/8	2,349.33	1/8	2,174.55	1/8	2,007.04	1/8	1,846.76	1/8	1,693.31	1/8	1,546.18	1/8	1,405.34	1/8	1,270.78	1/8	1,142.51	1/8	1,020.54
1/4	2,345.62	1/4	2,170.99	1/4	2,003.63	1/4	1,843.51	1/4	1,690.19	1/4	1,543.19	1/4	1,402.48	1/4	1,268.05	1/4	1,139.91	1/4	1,018.07
3/8	2,341.91	3/8	2,167.43	3/8	2,000.23	3/8	1,840.25	3/8	1,687.06	3/8	1,540.19	3/8	1,399.61	3/8	1,265.32	3/8	1,137.31	3/8	1,015.60
1/2	2,338.20	1/2	2,163.87	1/2	1,996.82	1/2	1,836.99	1/2	1,683.94	1/2	1,537.20	1/2	1,396.75	1/2	1,262.58	1/2	1,134.71	1/2	1,013.13
5/8	2,334.48	5/8	2,160.31	5/8	1,993.41	5/8	1,833.73	5/8	1,680.81	5/8	1,534.21	5/8	1,393.89	5/8	1,259.85	5/8	1,132.11	5/8	1,010.66
3/4	2,330.77	3/4	2,156.75	3/4	1,990.00	3/4	1,830.47	3/4	1,677.69	3/4	1,531.21	3/4	1,391.02	3/4	1,257.12	3/4	1,129.51	3/4	1,008.19
7/8	2,327.06	7/8	2,153.20	7/8	1,986.59	7/8	1,827.21	7/8	1,674.56	7/8	1,528.22	7/8	1,388.16	7/8	1,254.39	7/8	1,126.91	7/8	1,005.72
5	2,323.38	11	2,149.66	5	1,983.21	11	1,823.97	5	1,671.46	11	1,525.24	5	1,385.32	11	1,251.68	5	1,124.33	11	1,003.27
1/8	2,319.69	1/8	2,146.13	1/8	1,979.83	1/8	1,820.74	1/8	1,668.36	1/8	1,522.27	1/8	1,382.48	1/8	1,248.97	1/8	1,121.75	1/8	1,000.82
1/4	2,316.01	1/4	2,142.59	1/4	1,976.44	1/4	1,817.50	1/4	1,665.25	1/4	1,519.30	1/4	1,379.63	1/4	1,246.26	1/4	1,119.17	1/4	998.37
3/8	2,312.32	3/8	2,139.06	3/8	1,973.06	3/8	1,814.27	3/8	1,662.15	3/8	1,516.33	3/8	1,376.79	3/8	1,243.55	3/8	1,116.59	3/8	995.92
1/2	2,308.64	1/2	2,135.53	1/2	1,969.68	1/2	1,811.03	1/2	1,659.05	1/2	1,513.35	1/2	1,373.95	1/2	1,240.83	1/2	1,114.01	1/2	993.48
5/8	2,304.95	5/8	2,131.99	5/8	1,966.30	5/8	1,807.80	5/8	1,655.94	5/8	1,510.38	5/8	1,371.11	5/8	1,238.12	5/8	1,111.43	5/8	991.03
3/4	2,301.27	3/4	2,128.46	3/4	1,962.91	3/4	1,804.56	3/4	1,652.84	3/4	1,507.41	3/4	1,368.27	3/4	1,235.41	3/4	1,108.85	3/4	988.58
7/8	2,297.58	7/8	2,124.93	7/8	1,959.53	7/8	1,801.32	7/8	1,649.74	7/8	1,504.44	7/8	1,365.43	7/8	1,232.70	7/8	1,106.27	7/8	986.13

GAUGE LOCATED 4'-7" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 STAR
ULLAGE TABLE

GAUGE HEIGHT 36'-10 7/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	30 FT.	IN	30 FT.	IN	31 FT.	IN	31 FT.	IN	32 FT.	IN	32 FT.	IN	33 FT.	IN	33 FT.	IN	34 FT.	IN	34 FT.
0	983.70	6	869.98	0	762.55	6	661.40	0	566.55	6	477.83	0	395.31	6	319.08	0	249.21	6	185.89
1/8	981.28	1/8	867.69	1/8	760.38	1/8	659.37	1/8	564.65	1/8	476.05	1/8	393.67	1/8	317.57	1/8	247.83	1/8	184.65
1/4	978.85	1/4	865.39	1/4	758.22	1/4	657.34	1/4	562.75	1/4	474.27	1/4	392.02	1/4	316.06	1/4	246.46	1/4	183.41
3/8	976.43	3/8	863.10	3/8	756.06	3/8	655.30	3/8	560.84	3/8	472.50	3/8	390.37	3/8	314.54	3/8	245.08	3/8	182.17
1/2	974.00	1/2	860.80	1/2	753.89	1/2	653.27	1/2	558.94	1/2	470.72	1/2	388.73	1/2	313.03	1/2	243.70	1/2	180.92
5/8	971.57	5/8	858.50	5/8	751.73	5/8	651.24	5/8	557.04	5/8	468.95	5/8	387.08	5/8	311.51	5/8	242.32	5/8	179.68
3/4	969.15	3/4	856.21	3/4	749.56	3/4	649.20	3/4	555.14	3/4	467.17	3/4	385.44	3/4	310.00	3/4	240.94	3/4	178.44
7/8	966.72	7/8	853.91	7/8	747.40	7/8	647.17	7/8	553.23	7/8	465.39	7/8	383.79	7/8	308.48	7/8	239.56	7/8	177.20
1	964.31	7	851.64	1	745.25	7	645.16	1	551.35	7	463.64	1	382.17	7	306.99	1	238.21	7	175.98
1/8	961.91	1/8	849.37	1/8	743.11	1/8	643.15	1/8	549.47	1/8	461.88	1/8	380.55	1/8	305.50	1/8	236.85	1/8	174.76
1/4	959.51	1/4	847.09	1/4	740.97	1/4	641.14	1/4	547.59	1/4	460.13	1/4	378.92	1/4	304.01	1/4	235.50	1/4	173.54
3/8	957.10	3/8	844.82	3/8	738.83	3/8	639.12	3/8	545.71	3/8	458.37	3/8	377.30	3/8	302.51	3/8	234.14	3/8	172.32
1/2	954.70	1/2	842.55	1/2	736.68	1/2	637.11	1/2	543.83	1/2	456.62	1/2	375.68	1/2	301.02	1/2	232.78	1/2	171.10
5/8	952.29	5/8	840.27	5/8	734.54	5/8	635.10	5/8	541.95	5/8	454.87	5/8	374.05	5/8	299.53	5/8	231.43	5/8	169.88
3/4	949.89	3/4	838.00	3/4	732.40	3/4	633.09	3/4	540.07	3/4	453.11	3/4	372.43	3/4	298.04	3/4	230.07	3/4	168.66
7/8	947.48	7/8	835.72	7/8	730.26	7/8	631.08	7/8	538.19	7/8	451.36	7/8	370.80	7/8	296.54	7/8	228.72	7/8	167.44
2	945.10	8	833.47	2	728.14	8	629.09	2	536.33	8	449.62	2	369.20	8	295.07	2	227.38	8	166.24
1/8	942.72	1/8	831.22	1/8	726.01	1/8	627.10	1/8	534.46	1/8	447.89	1/8	367.60	1/8	293.60	1/8	226.05	1/8	165.04
1/4	940.33	1/4	828.97	1/4	723.89	1/4	625.11	1/4	532.60	1/4	446.16	1/4	366.00	1/4	292.13	1/4	224.71	1/4	163.84
3/8	937.95	3/8	826.72	3/8	721.77	3/8	623.12	3/8	530.74	3/8	444.43	3/8	364.40	3/8	290.66	3/8	223.38	3/8	162.64
1/2	935.57	1/2	824.46	1/2	719.65	1/2	621.13	1/2	528.87	1/2	442.69	1/2	362.80	1/2	289.19	1/2	222.05	1/2	161.45
5/8	933.18	5/8	822.21	5/8	717.53	5/8	619.14	5/8	527.01	5/8	440.96	5/8	361.19	5/8	287.72	5/8	220.71	5/8	160.25
3/4	930.80	3/4	819.96	3/4	715.41	3/4	617.15	3/4	525.15	3/4	439.23	3/4	359.59	3/4	286.25	3/4	219.38	3/4	159.05
7/8	928.42	7/8	817.71	7/8	713.29	7/8	615.16	7/8	523.29	7/8	437.49	7/8	357.99	7/8	284.78	7/8	218.05	7/8	157.85
3	926.06	9	815.48	3	711.19	9	613.19	3	521.44	9	435.78	3	356.41	9	283.33	3	216.74	9	156.68
1/8	923.70	1/8	813.25	1/8	709.09	1/8	611.22	1/8	519.60	1/8	434.07	1/8	354.83	1/8	281.88	1/8	215.43	1/8	155.51
1/4	921.34	1/4	811.02	1/4	706.99	1/4	609.26	1/4	517.76	1/4	432.36	1/4	353.25	1/4	280.43	1/4	214.11	1/4	154.34
3/8	918.97	3/8	808.79	3/8	704.89	3/8	607.29	3/8	515.92	3/8	430.65	3/8	351.67	3/8	278.98	3/8	212.80	3/8	153.17
1/2	916.61	1/2	806.56	1/2	702.80	1/2	605.32	1/2	514.08	1/2	428.94	1/2	350.09	1/2	277.53	1/2	211.49	1/2	152.00
5/8	914.25	5/8	804.33	5/8	700.70	5/8	603.35	5/8	512.23	5/8	427.23	5/8	348.51	5/8	276.09	5/8	210.18	5/8	150.83
3/4	911.89	3/4	802.10	3/4	698.60	3/4	601.38	3/4	510.39	3/4	425.52	3/4	346.93	3/4	274.64	3/4	208.87	3/4	149.66
7/8	909.53	7/8	799.87	7/8	696.50	7/8	599.42	7/8	508.55	7/8	423.81	7/8	345.35	7/8	273.19	7/8	207.56	7/8	148.49
4	907.19	10	797.66	4	694.42	10	597.47	4	506.73	10	422.12	4	343.79	10	271.76	4	206.27	10	147.34
1/8	904.85	1/8	795.45	1/8	692.34	1/8	595.52	1/8	504.91	1/8	420.43	1/8	342.24	1/8	270.34	1/8	204.98	1/8	146.20
1/4	902.51	1/4	793.24	1/4	690.27	1/4	593.58	1/4	503.09	1/4	418.74	1/4	340.68	1/4	268.92	1/4	203.70	1/4	145.05
3/8	900.17	3/8	791.04	3/8	688.19	3/8	591.63	3/8	501.27	3/8	417.05	3/8	339.12	3/8	267.49	3/8	202.41	3/8	143.91
1/2	897.83	1/2	788.83	1/2	686.11	1/2	589.69	1/2	499.45	1/2	415.36	1/2	337.56	1/2	266.07	1/2	201.12	1/2	142.76
5/8	895.50	5/8	786.62	5/8	684.04	5/8	587.74	5/8	497.63	5/8	413.67	5/8	336.00	5/8	264.65	5/8	199.83	5/8	141.62
3/4	893.16	3/4	784.41	3/4	681.96	3/4	585.79	3/4	495.81	3/4	411.98	3/4	334.45	3/4	263.22	3/4	198.54	3/4	140.48
7/8	890.82	7/8	782.20	7/8	679.88	7/8	583.85	7/8	493.99	7/8	410.29	7/8	332.89	7/8	261.80	7/8	197.26	7/8	139.33
5	888.50	11	780.02	5	677.83	11	581.92	5	492.19	11	408.63	5	331.35	11	260.40	5	195.99	11	138.21
1/8	886.18	1/8	777.83	1/8	675.77	1/8	580.00	1/8	490.39	1/8	406.96	1/8	329.82	1/8	259.00	1/8	194.73	1/8	137.09
1/4	883.86	1/4	775.64	1/4	673.71	1/4	578.07	1/4	488.59	1/4	405.29	1/4	328.28	1/4	257.60	1/4	193.46	1/4	135.97
3/8	881.55	3/8	773.46	3/8	671.66	3/8	576.15	3/8	486.80	3/8	403.63	3/8	326.74	3/8	256.20	3/8	192.20	3/8	134.84
1/2	879.23	1/2	771.27	1/2	669.60	1/2	574.23	1/2	485.00	1/2	401.96	1/2	325.21	1/2	254.79	1/2	190.93	1/2	133.72
5/8	876.91	5/8	769.09	5/8	667.55	5/8	572.30	5/8	483.20	5/8	400.29	5/8	323.67	5/8	253.39	5/8	189.67	5/8	132.60
3/4	874.60	3/4	766.90	3/4	665.49	3/4	570.38	3/4	481.40	3/4	398.62	3/4	322.13	3/4	251.99	3/4	188.40	3/4	131.48
7/8	872.28	7/8	764.71	7/8	663.44	7/8	568.45	7/8	479.60	7/8	396.96	7/8	320.60	7/8	250.59	7/8	187.14	7/8	130.36

GAUGE LOCATED 4'-7" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

TABLE COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.

CHART IS CERTIFIED FOR THIS TANK ONLY.
COMPUTED BY: TH 03/04/05
STRAPPED BY: LF & BC 11/04-12/04

SAYBOLT LP.

O. Endress

SAYBOLT LP.

U. S. Headquarters
400 Swenson Drive
Kenilworth, NJ 07033

BARGE ENERGY 13501

6 STAR
ULLAGE TABLE

GAUGE HEIGHT 36'-10 7/8"

COMPUTED IN BARRELS OF 42 U. S. GALLONS

IN	35 FT.	IN	35 FT.	IN	36 FT.	IN	36 FT.
0	129.26	6	79.53	0	37.63	6	10.88
1/8	128.16	1/8	78.57	1/8	36.90	1/8	10.54
1/4	127.06	1/4	77.62	1/4	36.18	1/4	10.19
3/8	125.96	3/8	76.66	3/8	35.46	3/8	9.84
1/2	124.87	1/2	75.71	1/2	34.74	1/2	9.50
5/8	123.77	5/8	74.75	5/8	34.01	5/8	9.15
3/4	122.67	3/4	73.80	3/4	33.29	3/4	8.80
7/8	121.57	7/8	72.84	7/8	32.57	7/8	8.46
1	120.50	7	71.91	1	31.91	7	8.17
1/8	119.42	1/8	70.98	1/8	31.24	1/8	7.88
1/4	118.35	1/4	70.05	1/4	30.58	1/4	7.60
3/8	117.27	3/8	69.12	3/8	29.92	3/8	7.31
1/2	116.20	1/2	68.19	1/2	29.25	1/2	7.03
5/8	115.12	5/8	67.26	5/8	28.59	5/8	6.74
3/4	114.05	3/4	66.33	3/4	27.93	3/4	6.45
7/8	112.97	7/8	65.40	7/8	27.27	7/8	6.17
2	111.92	8	64.50	2	26.67	8	5.93
1/8	110.87	1/8	63.60	1/8	26.08	1/8	5.70
1/4	109.82	1/4	62.70	1/4	25.48	1/4	5.47
3/8	108.77	3/8	61.80	3/8	24.89	3/8	5.23
1/2	107.72	1/2	60.90	1/2	24.29	1/2	5.00
5/8	106.67	5/8	60.00	5/8	23.70	5/8	4.77
3/4	105.62	3/4	59.10	3/4	23.10	3/4	4.53
7/8	104.57	7/8	58.20	7/8	22.51	7/8	4.30
3	103.54	9	57.33	3	21.97	9	4.13
1/8	102.51	1/8	56.45	1/8	21.44	1/8	3.95
1/4	101.48	1/4	55.58	1/4	20.91	1/4	3.78
3/8	100.46	3/8	54.71	3/8	20.38	3/8	3.60
1/2	99.43	1/2	53.84	1/2	19.85	1/2	3.42
5/8	98.40	5/8	52.97	5/8	19.32	5/8	3.25
3/4	97.37	3/4	52.10	3/4	18.79	3/4	3.07
7/8	96.35	7/8	51.23	7/8	18.25	7/8	2.90
4	95.34	10	50.40	4	17.78	10	2.78
1/8	94.34	1/8	49.57	1/8	17.31	1/8	2.66
1/4	93.34	1/4	48.74	1/4	16.85	1/4	2.54
3/8	92.33	3/8	47.91	3/8	16.38	3/8	2.42
1/2	91.33	1/2	47.08	1/2	15.91	1/2	2.30
5/8	90.32	5/8	46.24	5/8	15.44	5/8	2.18
3/4	89.32	3/4	45.41	3/4	14.97	3/4	2.06
7/8	88.32	7/8	44.58	7/8	14.50	7/8	1.94
5	87.34	11	43.81	5	14.09		
1/8	86.36	1/8	43.03	1/8	13.68		
1/4	85.38	1/4	42.25	1/4	13.27		
3/8	84.40	3/8	41.47	3/8	12.86		
1/2	83.42	1/2	40.69	1/2	12.46		
5/8	82.44	5/8	39.91	5/8	12.05		
3/4	81.46	3/4	39.13	3/4	11.64		
7/8	80.48	7/8	38.35	7/8	11.23		

GAUGE LOCATED 4'-7" AFT OF FORWARD BULKHEAD, AND 12'-6" OFF CENTERLINE.

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