

This is the strapping chart for the CTCO 3006

BARGE "JPW 159"

E. W. SAYBOLT
 INNAGE TRIM CORRECTIONS

Page 1 of 1

Down by	1Ft.		2Ft.		3Ft.		4Ft.		5Ft.		6Ft.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	+01-1/4	-01-1/4	+02-1/2	-02-1/2	+03-7/8	-03-7/8	+05-1/8	-05-1/8	+06-3/8	-06-3/8	+07-5/8	-07-5/8
1 STBD	+01-1/4	-01-1/4	+02-1/2	-02-1/2	+03-7/8	-03-7/8	+05-1/8	-05-1/8	+06-3/8	-06-3/8	+07-5/8	-07-5/8
2 PORT	+01-1/4	-01-1/4	+02-1/2	-02-1/2	+03-3/4	-03-3/4	+05-0/0	-05-0/0	+06-3/8	-06-3/8	+07-5/8	-07-5/8
2 STBD	+01-1/4	-01-1/4	+02-1/2	-02-1/2	+03-3/4	-03-3/4	+05-0/0	-05-0/0	+06-3/8	-06-3/8	+07-5/8	-07-5/8
3 PORT	+01-3/8	-01-3/8	+02-3/4	-02-3/4	+04-1/8	-04-1/8	+05-1/2	-05-1/2	+06-7/8	-06-7/8	+08-1/4	-08-1/4
3 STBD	+01-3/8	-01-3/8	+02-3/4	-02-3/4	+04-1/8	-04-1/8	+05-1/2	-05-1/2	+06-7/8	-06-7/8	+08-1/4	-08-1/4
4 PORT	+01-5/8	+01-5/8	-03-1/4	+03-1/4	-04-7/8	+04-7/8	-06-3/8	+06-3/8	-08-0/0	+08-0/0	-09-5/8	+09-5/8
4 STBD	-01-5/8	+01-5/8	-03-1/4	+03-1/4	-04-7/8	+04-7/8	-06-3/8	+06-3/8	-08-0/0	+08-0/0	-09-5/8	+09-5/8

(EXAMPLE FOR USE OF ABOVE TRIM CORRECTIONS)

LENGTH BETWEEN DRAFT MARKS 197.50'

FWD. DRAFT = 6'-0"
 AFT. DRAFT = 9'-0"

DIFF. = 3'-0" (DOWN BY STERN)

TRIM CORRECTION FOR 3'-0/0" (1 PORT) FROM ABOVE TABLE IS -03-7/8" TO OBSERVED INNAGE GAUGE OF 1'-0/0"
 THE TRIM CORRECTED INNAGE IS 0'-08-1/8"

SAYBOLT INC.
 PASADENA, TEXAS
 FEBRUARY 1993

E. W. Saybolt

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4364
 PASADENA, TEXAS 77502

**1 PORT
 BARGE "JPW 159"**

CTCO 3006

GAUGE HEIGHT = 18.5'-0"
 INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	0.98	0	137.39	0	314.62	0	497.36	0	677.63	0	860.26	0	1,042.98	0	1,225.71	0	1,408.44	0	1,591.17
1/4	1.98	1/4	138.19	1/4	318.43	1/4	501.16	1/4	681.38	1/4	864.06	1/4	1,046.78	1/4	1,229.52	1/4	1,412.25	1/4	1,594.98
1/2	2.39	1/2	139.98	1/2	322.24	1/2	504.97	1/2	685.13	1/2	867.86	1/2	1,050.57	1/2	1,233.33	1/2	1,416.08	1/2	1,598.79
3/4	3.11	3/4	143.78	3/4	326.04	3/4	508.72	3/4	688.94	3/4	871.67	3/4	1,053.40	3/4	1,237.13	3/4	1,419.88	3/4	1,602.59
1	3.62	1	147.57	1	329.85	1	512.48	1	692.15	1	875.88	1	1,056.31	1	1,240.84	1	1,423.67	1	1,606.40
1 1/4	4.54	1 1/4	151.37	1 1/4	333.66	1 1/4	516.23	1 1/4	696.55	1 1/4	879.28	1 1/4	1,059.22	1 1/4	1,244.75	1 1/4	1,427.49	1 1/4	1,610.21
1 1/2	5.73	1 1/2	155.16	1 1/2	337.47	1 1/2	518.08	1 1/2	700.36	1 1/2	883.08	1 1/2	1,062.12	1 1/2	1,248.55	1 1/2	1,431.28	1 1/2	1,614.02
1 3/4	6.82	1 3/4	158.95	1 3/4	341.27	1 3/4	521.74	1 3/4	704.17	1 3/4	886.90	1 3/4	1,065.03	1 3/4	1,252.39	1 3/4	1,435.09	1 3/4	1,617.82
2	8.12	2	162.75	2	345.08	2	525.49	2	707.97	2	890.70	2	1,072.44	2	1,256.17	2	1,438.90	2	1,621.63
2 1/4	9.31	2 1/4	166.55	2 1/4	348.89	2 1/4	531.24	2 1/4	711.78	2 1/4	894.51	2 1/4	1,077.24	2 1/4	1,259.97	2 1/4	1,442.71	2 1/4	1,625.44
2 1/2	10.98	2 1/2	170.34	2 1/2	352.69	2 1/2	535.00	2 1/2	715.59	2 1/2	898.32	2 1/2	1,081.05	2 1/2	1,263.76	2 1/2	1,446.51	2 1/2	1,629.24
2 3/4	12.65	2 3/4	174.14	2 3/4	356.50	2 3/4	538.75	2 3/4	719.39	2 3/4	902.13	2 3/4	1,084.86	2 3/4	1,267.59	2 3/4	1,450.32	2 3/4	1,633.05
3	14.32	3	177.93	3	360.31	3	542.50	3	723.20	3	905.83	3	1,088.68	3	1,271.39	3	1,454.13	3	1,636.86
3 1/4	15.69	3 1/4	181.73	3 1/4	364.11	3 1/4	546.26	3 1/4	727.01	3 1/4	909.74	3 1/4	1,092.47	3 1/4	1,275.20	3 1/4	1,457.93	3 1/4	1,640.66
3 1/2	18.13	3 1/2	185.52	3 1/2	367.92	3 1/2	550.01	3 1/2	730.81	3 1/2	913.55	3 1/2	1,096.28	3 1/2	1,279.01	3 1/2	1,461.74	3 1/2	1,644.47
3 3/4	20.28	3 3/4	189.32	3 3/4	371.73	3 3/4	553.76	3 3/4	734.62	3 3/4	917.35	3 3/4	1,100.08	3 3/4	1,282.82	3 3/4	1,465.55	3 3/4	1,648.28
4	22.43	4	193.11	4	375.53	4	557.52	4	738.43	4	921.16	4	1,103.89	4	1,286.62	4	1,469.36	4	1,652.08
4 1/4	24.57	4 1/4	196.91	4 1/4	379.34	4 1/4	561.27	4 1/4	742.24	4 1/4	924.97	4 1/4	1,107.70	4 1/4	1,290.43	4 1/4	1,473.16	4 1/4	1,655.89
4 1/2	26.82	4 1/2	200.70	4 1/2	383.15	4 1/2	565.02	4 1/2	746.04	4 1/2	928.77	4 1/2	1,111.50	4 1/2	1,294.24	4 1/2	1,476.97	4 1/2	1,659.70
4 3/4	29.82	4 3/4	204.50	4 3/4	386.95	4 3/4	568.78	4 3/4	749.85	4 3/4	932.58	4 3/4	1,115.31	4 3/4	1,298.04	4 3/4	1,480.77	4 3/4	1,663.51
5	32.46	5	208.29	5	390.76	5	572.53	5	753.66	5	936.39	5	1,119.12	5	1,301.85	5	1,484.58	5	1,667.31
5 1/4	35.07	5 1/4	212.09	5 1/4	394.57	5 1/4	576.29	5 1/4	757.46	5 1/4	940.19	5 1/4	1,122.93	5 1/4	1,305.66	5 1/4	1,488.39	5 1/4	1,671.12
5 1/2	38.17	5 1/2	215.88	5 1/2	398.38	5 1/2	580.04	5 1/2	761.27	5 1/2	944.00	5 1/2	1,126.73	5 1/2	1,309.46	5 1/2	1,492.19	5 1/2	1,674.93
5 3/4	41.27	5 3/4	219.68	5 3/4	402.18	5 3/4	583.79	5 3/4	765.06	5 3/4	947.81	5 3/4	1,130.54	5 3/4	1,313.27	5 3/4	1,496.00	5 3/4	1,678.73
6	44.37	6	223.47	6	405.99	6	587.54	6	768.88	6	951.62	6	1,134.35	6	1,317.08	6	1,499.81	6	1,682.54
6 1/4	47.47	6 1/4	227.27	6 1/4	409.80	6 1/4	591.30	6 1/4	772.69	6 1/4	955.42	6 1/4	1,138.15	6 1/4	1,320.88	6 1/4	1,503.62	6 1/4	1,686.35
6 1/2	50.68	6 1/2	231.08	6 1/2	413.60	6 1/2	595.05	6 1/2	776.50	6 1/2	959.23	6 1/2	1,141.96	6 1/2	1,324.68	6 1/2	1,507.42	6 1/2	1,690.15
6 3/4	53.88	6 3/4	234.88	6 3/4	417.41	6 3/4	598.80	6 3/4	780.30	6 3/4	963.04	6 3/4	1,145.77	6 3/4	1,328.50	6 3/4	1,511.23	6 3/4	1,693.95
7	57.98	7	238.65	7	421.22	7	602.56	7	784.11	7	966.84	7	1,149.57	7	1,332.31	7	1,515.04	7	1,697.77
7 1/4	60.28	7 1/4	242.45	7 1/4	425.02	7 1/4	606.31	7 1/4	787.92	7 1/4	970.65	7 1/4	1,153.38	7 1/4	1,336.11	7 1/4	1,518.84	7 1/4	1,701.57
7 1/2	64.08	7 1/2	246.24	7 1/2	428.83	7 1/2	610.06	7 1/2	791.73	7 1/2	974.46	7 1/2	1,157.19	7 1/2	1,339.92	7 1/2	1,522.65	7 1/2	1,705.38
7 3/4	67.88	7 3/4	250.04	7 3/4	432.64	7 3/4	613.82	7 3/4	795.53	7 3/4	978.26	7 3/4	1,160.99	7 3/4	1,343.73	7 3/4	1,526.46	7 3/4	1,709.19
8	71.87	8	253.83	8	436.44	8	617.57	8	799.34	8	982.07	8	1,164.80	8	1,347.53	8	1,530.28	8	1,713.00
8 1/4	75.47	8 1/4	257.63	8 1/4	440.25	8 1/4	621.32	8 1/4	803.15	8 1/4	985.88	8 1/4	1,168.61	8 1/4	1,351.34	8 1/4	1,534.09	8 1/4	1,716.81
8 1/2	79.28	8 1/2	261.42	8 1/2	444.06	8 1/2	625.08	8 1/2	806.95	8 1/2	989.68	8 1/2	1,172.42	8 1/2	1,355.15	8 1/2	1,537.88	8 1/2	1,720.61
8 3/4	83.08	8 3/4	265.21	8 3/4	447.87	8 3/4	628.83	8 3/4	810.76	8 3/4	993.49	8 3/4	1,176.22	8 3/4	1,358.95	8 3/4	1,541.68	8 3/4	1,724.42
9	86.85	9	268.99	9	451.67	9	632.58	9	814.57	9	997.30	9	1,180.03	9	1,362.76	9	1,545.49	9	1,728.22
9 1/4	90.85	9 1/4	272.77	9 1/4	455.48	9 1/4	636.34	9 1/4	818.37	9 1/4	1,001.10	9 1/4	1,183.84	9 1/4	1,366.57	9 1/4	1,549.29	9 1/4	1,732.03
9 1/2	94.44	9 1/2	276.55	9 1/2	459.29	9 1/2	640.09	9 1/2	822.19	9 1/2	1,004.91	9 1/2	1,187.64	9 1/2	1,370.37	9 1/2	1,553.11	9 1/2	1,735.84
9 3/4	98.24	9 3/4	280.36	9 3/4	463.09	9 3/4	643.84	9 3/4	825.99	9 3/4	1,008.72	9 3/4	1,191.45	9 3/4	1,374.18	9 3/4	1,556.91	9 3/4	1,739.64
10	102.03	10	284.17	10	466.90	10	647.60	10	829.79	10	1,012.53	10	1,195.26	10	1,377.99	10	1,560.72	10	1,743.45
10 1/4	105.83	10 1/4	287.98	10 1/4	470.71	10 1/4	651.35	10 1/4	833.59	10 1/4	1,020.14	10 1/4	1,199.07	10 1/4	1,381.79	10 1/4	1,564.53	10 1/4	1,747.26
10 1/2	109.62	10 1/2	291.78	10 1/2	474.51	10 1/2	655.10	10 1/2	837.41	10 1/2	1,027.95	10 1/2	1,202.87	10 1/2	1,385.60	10 1/2	1,568.34	10 1/2	1,751.06
10 3/4	113.42	10 3/4	295.59	10 3/4	478.32	10 3/4	658.85	10 3/4	841.21	10 3/4	1,023.95	10 3/4	1,206.68	10 3/4	1,389.41	10 3/4	1,572.15	10 3/4	1,754.87
11	117.21	11	299.40	11	482.13	11	662.61	11	845.02	11	1,027.75	11	1,210.48	11	1,393.22	11	1,575.95	11	1,758.68
11 1/4	121.01	11 1/4	303.20	11 1/4	485.93	11 1/4	666.37	11 1/4	848.83	11 1/4	1,031.56	11 1/4	1,214.28	11 1/4	1,397.02	11 1/4	1,579.75	11 1/4	1,762.49
11 1/2	124.80	11 1/2	307.01	11 1/2	489.74	11 1/2	670.12	11 1/2	852.64	11 1/2	1,035.37	11 1/2	1,218.10	11 1/2	1,400.83	11 1/2	1,583.56	11 1/2	1,766.29
11 3/4	128.60	11 3/4	310.82	11 3/4	493.55	11 3/4	673.87	11 3/4	856.44	11 3/4	1,039.17	11 3/4	1,221.90	11 3/4	1,404.64	11 3/4	1,587.37	11 3/4	1,770.10

- 1) BARGE STRAPPED AND COMPILED IN ACCORDANCE WITH IAPWS CHAPTER 2.7
- 2) CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
- 3) CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
- 4) GAUGE POINT TO SCREEN REST AT 8" DIAMETER HATCH ON EXPANSION DOME.
- 5) GAUGE POINT LOCATED 2'-0" OFF CENTERLINE AND 2'-10" FORWARD OF AFT BULKHEAD.
- 6) CANCELS AND SUPERCEDES DUE TO CHANGE IN GAUGE HEIGHT AND LOCATION - DATE REISSUED - FEBRUARY 1983.
- 7) ORIGINALLY BARGE "FOST 113", FORMERLY BARGE "MMI-201"

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

SAYBOLT INC.

Dwain Walker

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4364
 PASADENA, TEXAS 77502

BARGE "JPW 159"

**1 PORT
 INNAGE TABLE**

CTCO 3006

GAUGE HEIGHT = 16'-5-1/8"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN.	10 FT.	IN.	11 FT.	IN.	12 FT.	IN.	13 FT.	IN.	14 FT.
0	1,773.91	0	1,956.84	0	2,139.37	0	2,322.10	0	2,483.50
1/4	1,777.71	1/4	1,960.44	1/4	2,143.17	1/4	2,325.91	1/4	2,485.82
1/2	1,781.52	1/2	1,964.25	1/2	2,146.98	1/2	2,329.71	1/2	2,489.14
3/4	1,785.33	3/4	1,968.06	3/4	2,150.79	3/4	2,333.52	3/4	2,492.04
1	1,789.13	1	1,971.86	1	2,154.60	1	2,337.33	1	2,494.93
1/4	1,792.94	1/4	1,975.67	1/4	2,158.40	1/4	2,341.13	1/4	2,497.83
1/2	1,796.75	1/2	1,979.48	1/2	2,162.21	1/2	2,344.94	1/2	2,500.73
3/4	1,800.56	3/4	1,983.28	3/4	2,166.02	3/4	2,348.75	3/4	2,503.60
2	1,804.36	2	1,987.09	2	2,169.82	2	2,352.56	2	2,507.20
1/4	1,808.17	1/4	1,990.80	1/4	2,173.63	1/4	2,356.36	1/4	2,510.15
1/2	1,811.97	1/2	1,994.71	1/2	2,177.44	1/2	2,360.17	1/2	2,511.63
3/4	1,815.78	3/4	1,998.51	3/4	2,181.24	3/4	2,363.97	3/4	2,512.68
3	1,819.59	3	2,002.32	3	2,185.05	3	2,367.72	3	2,513.74
1/4	1,823.40	1/4	2,006.13	1/4	2,188.86	1/4	2,371.50	1/4	2,514.79
1/2	1,827.20	1/2	2,009.93	1/2	2,192.68	1/2	2,375.27	1/2	2,515.84
3/4	1,831.01	3/4	2,013.74	3/4	2,196.47	3/4	2,379.05	3/4	2,516.48
4	1,834.82	4	2,017.55	4	2,200.28	4	2,382.82		
1/4	1,838.62	1/4	2,021.36	1/4	2,204.09	1/4	2,386.60		
1/2	1,842.43	1/2	2,025.16	1/2	2,207.89	1/2	2,390.38		
3/4	1,846.24	3/4	2,028.97	3/4	2,211.70	3/4	2,394.16		
5	1,850.04	5	2,032.77	5	2,215.51	5	2,397.93		
1/4	1,853.85	1/4	2,036.58	1/4	2,219.31	1/4	2,401.71		
1/2	1,857.66	1/2	2,040.39	1/2	2,223.12	1/2	2,405.48		
3/4	1,861.46	3/4	2,044.20	3/4	2,226.93	3/4	2,409.26		
6	1,865.27	6	2,048.00	6	2,230.73	6	2,413.03		
1/4	1,869.08	1/4	2,051.81	1/4	2,234.54	1/4	2,416.81		
1/2	1,872.88	1/2	2,055.62	1/2	2,238.35	1/2	2,420.58		
3/4	1,876.69	3/4	2,059.42	3/4	2,242.15	3/4	2,424.38		
7	1,880.50	7	2,063.23	7	2,245.96	7	2,428.17		
1/4	1,884.31	1/4	2,067.04	1/4	2,249.77	1/4	2,431.96		
1/2	1,888.11	1/2	2,070.84	1/2	2,253.57	1/2	2,435.76		
3/4	1,891.92	3/4	2,074.65	3/4	2,257.38	3/4	2,439.55		
8	1,895.73	8	2,078.46	8	2,261.19	8	2,443.34		
1/4	1,899.53	1/4	2,082.26	1/4	2,265.00	1/4	2,447.14		
1/2	1,903.34	1/2	2,086.07	1/2	2,268.80	1/2	2,450.93		
3/4	1,907.15	3/4	2,089.88	3/4	2,272.61	3/4	2,454.71		
9	1,910.95	9	2,093.69	9	2,276.42	9	2,458.50		
1/4	1,914.76	1/4	2,097.49	1/4	2,280.22	1/4	2,462.29		
1/2	1,918.57	1/2	2,101.30	1/2	2,284.03	1/2	2,466.08		
3/4	1,922.37	3/4	2,105.11	3/4	2,287.84	3/4	2,469.87		
10	1,926.18	10	2,108.91	10	2,291.64	10	2,473.65		
1/4	1,929.99	1/4	2,112.72	1/4	2,295.45	1/4	2,477.45		
1/2	1,933.80	1/2	2,116.53	1/2	2,299.26	1/2	2,481.24		
3/4	1,937.60	3/4	2,120.33	3/4	2,303.06	3/4	2,485.03		
11	1,941.41	11	2,124.14	11	2,306.87	11	2,488.83		
1/4	1,945.22	1/4	2,127.95	1/4	2,310.68	1/4	2,492.62		
1/2	1,949.02	1/2	2,131.75	1/2	2,314.49	1/2	2,496.41		
3/4	1,952.83	3/4	2,135.56	3/4	2,318.29	3/4	2,499.18		

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

SAYBOLT INC.

Dyan Walker

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4884
 PASADENA, TEXAS 77602

BARGE "JPW 159"

CTCO 3006

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT = 16.412"

IN.	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0.93	128.32	304.84	482.05	658.77	833.78	1010.39	1188.00	1385.11	1542.22
1/4	1.62	132.00	308.63	485.74	660.41	837.47	1014.58	1191.68	1388.80	1545.91
1/2	2.32	135.67	312.32	489.43	664.05	841.18	1018.27	1195.38	1392.49	1549.60
3/4	3.01	139.35	316.01	493.07	667.74	844.85	1021.98	1199.07	1396.18	1553.29
1	3.71	143.03	319.70	496.71	671.43	848.54	1025.65	1202.78	1399.87	1556.98
1/4	4.40	146.71	323.38	500.34	675.12	852.23	1029.33	1206.45	1403.56	1560.67
1/2	5.55	150.39	327.08	503.98	678.81	855.92	1033.03	1210.14	1387.25	1564.36
3/4	6.71	154.06	330.77	507.62	682.50	859.61	1036.72	1213.83	1390.94	1568.05
2	7.87	157.74	334.46	511.25	686.19	863.30	1040.41	1217.52	1394.63	1571.74
1/4	8.02	161.42	338.15	514.89	689.88	866.99	1044.10	1221.21	1398.32	1575.43
1/2	10.84	165.10	341.84	518.52	693.57	870.68	1047.79	1224.90	1402.01	1579.12
3/4	12.26	168.78	345.53	522.17	697.26	874.37	1051.48	1228.59	1405.70	1582.81
1	13.88	172.46	349.22	525.81	700.95	878.06	1055.17	1232.28	1409.39	1586.50
1/4	15.50	176.13	352.91	529.45	704.64	881.75	1058.85	1235.97	1413.08	1590.19
1/2	17.58	179.81	356.60	533.09	708.33	885.44	1062.55	1239.66	1416.77	1593.88
3/4	19.65	183.49	360.29	536.72	712.02	889.13	1066.24	1243.35	1420.46	1597.57
4	21.74	187.17	363.98	540.36	715.71	892.82	1069.93	1247.04	1424.15	1601.26
1/4	23.82	190.85	367.67	544.00	719.40	896.51	1073.62	1250.73	1427.84	1604.95
1/2	26.38	194.52	371.36	547.64	723.09	900.20	1077.31	1254.42	1431.53	1608.64
3/4	28.90	198.20	375.05	551.27	726.78	903.89	1081.00	1258.11	1435.22	1612.33
5	31.45	201.88	378.74	554.91	730.47	907.58	1084.69	1261.80	1438.91	1616.02
1/4	33.89	205.56	382.43	558.55	734.15	911.27	1088.38	1265.49	1442.60	1619.71
1/2	36.99	209.24	386.12	562.18	737.85	914.96	1092.07	1269.18	1446.29	1623.40
3/4	40.00	212.92	389.81	565.83	741.54	918.65	1095.76	1272.87	1449.98	1627.09
5	43.01	216.59	393.50	569.46	745.23	922.34	1099.45	1276.56	1453.67	1630.78
1/4	46.01	220.27	397.19	573.10	748.92	926.03	1103.14	1280.25	1457.36	1634.47
1/2	48.12	223.95	400.88	576.74	752.60	929.72	1106.83	1283.94	1461.05	1638.16
3/4	52.22	227.63	404.57	580.38	756.29	933.41	1110.52	1287.63	1464.74	1641.85
7	55.33	231.31	408.25	584.02	759.98	937.09	1114.21	1291.32	1468.43	1645.54
1/4	58.43	234.99	411.94	587.65	763.67	940.78	1117.90	1295.01	1472.12	1649.23
1/2	62.11	238.68	415.63	591.29	767.36	944.47	1121.59	1298.70	1475.81	1652.92
3/4	65.79	242.36	419.32	594.93	771.05	948.16	1125.27	1302.39	1479.50	1656.61
5	69.47	246.02	423.01	598.57	774.74	951.85	1128.96	1306.07	1483.19	1660.30
1/4	73.14	249.70	426.70	602.21	778.43	955.54	1132.65	1309.76	1486.88	1663.99
1/2	76.82	253.38	430.39	605.84	782.12	959.23	1136.34	1313.45	1490.56	1667.68
3/4	80.50	257.04	434.08	609.48	785.81	962.92	1140.03	1317.14	1494.25	1671.37
5	84.18	260.71	437.77	613.12	789.50	966.61	1143.72	1320.83	1497.94	1675.06
1/4	87.86	264.38	441.46	616.76	793.19	970.30	1147.41	1324.52	1501.63	1678.75
1/2	91.54	268.04	445.15	620.39	796.88	973.99	1151.10	1328.21	1505.32	1682.44
3/4	95.21	271.73	448.84	624.03	800.57	977.68	1154.79	1331.90	1509.01	1686.13
10	98.89	275.42	452.53	627.67	804.26	981.37	1158.48	1335.59	1512.70	1689.82
1/4	102.57	279.11	456.22	631.31	807.95	985.06	1162.17	1339.28	1516.39	1693.51
1/2	106.25	282.80	459.91	634.95	811.64	988.75	1165.86	1342.97	1520.08	1697.20
3/4	109.93	286.49	463.60	638.58	815.33	992.44	1169.55	1346.66	1523.77	1700.89
11	113.60	290.18	467.29	642.22	819.02	996.13	1173.24	1350.35	1527.46	1704.58
1/4	117.28	293.87	470.98	645.85	822.71	999.82	1176.93	1354.04	1531.15	1708.27
1/2	120.95	297.56	474.67	649.48	826.40	1003.51	1180.62	1357.73	1534.84	1711.96
3/4	124.64	301.25	478.36	653.14	830.09	1007.20	1184.31	1361.42	1538.53	1715.65

- 1) BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
- 2) CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
- 3) CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
- 4) GAUGE POINT TO SCREEN REST AT 8" DIAMETER HATCH ON EXPANSION DOME.
- 5) GAUGE POINT LOCATED 2'-0" OFF CENTERLINE AND 2'-10" FORWARD OF AFT BULKHEAD.
- 6) CANCELS AND SUPERCEDES DUE TO CHANGE IN GAUGE HEIGHT AND LOCATION - DATE REISSUED - FEBRUARY 1993.
- 7) ORIGINALLY BARGE "FOSHI 113", FORMERLY BARGE "JMM201"

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

SAYBOLT INC.

Byron Walker

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4384
 PASADENA, TEXAS 77502

BARGE "JPW 159"

OTCO 3006

**1 STBD
 INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT = 18'-4 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	1,718.33	0	1,896.44	0	2,073.55	0	2,250.66	0	2,427.77
1/4	1,723.02	1/4	1,900.13	1/4	2,077.24	1/4	2,254.35	1/4	2,431.46
1/2	1,728.71	1/2	1,903.81	1/2	2,080.93	1/2	2,258.04	1/2	2,435.15
3/4	1,734.40	3/4	1,907.51	3/4	2,084.62	3/4	2,261.73	3/4	2,438.84
1	1,740.09	1	1,911.20	1	2,088.31	1	2,265.42	1	2,442.53
1 1/4	1,745.78	1 1/4	1,914.89	1 1/4	2,092.00	1 1/4	2,269.11	1 1/4	2,446.22
1 1/2	1,751.47	1 1/2	1,918.58	1 1/2	2,095.69	1 1/2	2,272.80	1 1/2	2,449.91
1 3/4	1,757.16	1 3/4	1,922.27	1 3/4	2,099.38	1 3/4	2,276.49	1 3/4	2,453.60
2	1,762.85	2	1,925.96	2	2,103.07	2	2,280.18	2	2,457.29
2 1/4	1,768.54	2 1/4	1,929.65	2 1/4	2,106.76	2 1/4	2,283.87	2 1/4	2,460.98
2 1/2	1,774.23	2 1/2	1,933.34	2 1/2	2,110.45	2 1/2	2,287.56	2 1/2	2,464.67
2 3/4	1,779.92	2 3/4	1,937.03	2 3/4	2,114.14	2 3/4	2,291.25	2 3/4	2,468.36
3	1,785.61	3	1,940.72	3	2,117.83	3	2,294.94	3	2,472.05
3 1/4	1,791.30	3 1/4	1,944.41	3 1/4	2,121.52	3 1/4	2,298.63	3 1/4	2,475.74
3 1/2	1,796.99	3 1/2	1,948.10	3 1/2	2,125.21	3 1/2	2,302.32	3 1/2	2,479.43
3 3/4	1,802.68	3 3/4	1,951.79	3 3/4	2,128.90	3 3/4	2,306.01	3 3/4	2,483.12
4	1,808.37	4	1,955.48	4	2,132.59	4	2,309.70	4	2,486.81
4 1/4	1,814.06	4 1/4	1,959.17	4 1/4	2,136.28	4 1/4	2,313.39	4 1/4	2,490.50
4 1/2	1,819.75	4 1/2	1,962.86	4 1/2	2,139.97	4 1/2	2,317.08	4 1/2	2,494.19
4 3/4	1,825.44	4 3/4	1,966.55	4 3/4	2,143.66	4 3/4	2,320.77	4 3/4	2,497.88
5	1,831.13	5	1,970.24	5	2,147.35	5	2,324.46	5	2,501.57
5 1/4	1,836.82	5 1/4	1,973.93	5 1/4	2,151.04	5 1/4	2,328.15	5 1/4	2,505.26
5 1/2	1,842.51	5 1/2	1,977.62	5 1/2	2,154.73	5 1/2	2,331.84	5 1/2	2,508.95
5 3/4	1,848.20	5 3/4	1,981.31	5 3/4	2,158.42	5 3/4	2,335.53	5 3/4	2,512.64
6	1,853.89	6	1,985.00	6	2,162.11	6	2,339.22	6	2,516.33
6 1/4	1,859.58	6 1/4	1,988.69	6 1/4	2,165.80	6 1/4	2,342.91	6 1/4	2,519.99
6 1/2	1,865.27	6 1/2	1,992.38	6 1/2	2,169.49	6 1/2	2,346.60	6 1/2	2,523.68
6 3/4	1,870.96	6 3/4	1,996.07	6 3/4	2,173.18	6 3/4	2,350.29	6 3/4	2,527.37
7	1,876.65	7	1,999.76	7	2,176.87	7	2,353.98	7	2,531.06
7 1/4	1,882.34	7 1/4	2,003.45	7 1/4	2,180.56	7 1/4	2,357.67	7 1/4	2,534.75
7 1/2	1,888.03	7 1/2	2,007.14	7 1/2	2,184.25	7 1/2	2,361.36	7 1/2	2,538.44
7 3/4	1,893.72	7 3/4	2,010.83	7 3/4	2,187.94	7 3/4	2,365.05	7 3/4	2,542.13
8	1,899.41	8	2,014.52	8	2,191.63	8	2,368.74	8	2,545.82
8 1/4	1,905.10	8 1/4	2,018.21	8 1/4	2,195.32	8 1/4	2,372.43	8 1/4	2,549.51
8 1/2	1,910.79	8 1/2	2,021.90	8 1/2	2,199.01	8 1/2	2,376.12	8 1/2	2,553.20
8 3/4	1,916.48	8 3/4	2,025.59	8 3/4	2,202.70	8 3/4	2,379.81	8 3/4	2,556.89
9	1,922.17	9	2,029.28	9	2,206.39	9	2,383.50	9	2,560.58
9 1/4	1,927.86	9 1/4	2,032.97	9 1/4	2,210.08	9 1/4	2,387.19	9 1/4	2,564.27
9 1/2	1,933.55	9 1/2	2,036.66	9 1/2	2,213.77	9 1/2	2,390.88	9 1/2	2,567.96
9 3/4	1,939.24	9 3/4	2,040.35	9 3/4	2,217.46	9 3/4	2,394.57	9 3/4	2,571.65
10	1,944.93	10	2,044.04	10	2,221.15	10	2,398.26	10	2,575.34
10 1/4	1,950.62	10 1/4	2,047.73	10 1/4	2,224.84	10 1/4	2,401.95	10 1/4	2,579.03
10 1/2	1,956.31	10 1/2	2,051.42	10 1/2	2,228.53	10 1/2	2,405.64	10 1/2	2,582.72
10 3/4	1,962.00	10 3/4	2,055.11	10 3/4	2,232.22	10 3/4	2,409.33	10 3/4	2,586.41
11	1,967.69	11	2,058.80	11	2,235.91	11	2,413.02	11	2,590.10
11 1/4	1,973.38	11 1/4	2,062.49	11 1/4	2,239.60	11 1/4	2,416.71	11 1/4	2,593.79
11 1/2	1,979.07	11 1/2	2,066.18	11 1/2	2,243.29	11 1/2	2,420.40	11 1/2	2,597.48
11 3/4	1,984.76	11 3/4	2,069.87	11 3/4	2,246.98	11 3/4	2,424.09	11 3/4	2,601.17
12	1,990.45	12	2,073.56	12	2,250.67	12	2,427.78	12	2,604.86

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SAYBOLT INC.

Allyn Walker

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4384
 PASADENA, TEXAS 77502

BARGE "JPW 159"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

CTCO 3006

GAUGE HEIGHT = 16'-4 1/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0.85	131.28	311.97	493.16	674.91	857.99	1043.18	1231.37	1392.56	1577.75
1/4	1.66	135.04	315.72	498.93	679.63	862.74	1047.96	1236.15	1400.34	1581.53
1/2	2.37	138.80	319.52	500.71	683.35	865.54	1051.73	1239.92	1404.11	1585.30
3/4	3.08	142.56	323.28	502.43	685.13	867.32	1055.51	1243.70	1407.89	1589.08
1	3.79	146.33	327.07	504.15	686.90	869.09	1059.28	1247.47	1411.66	1592.85
1 1/4	4.50	150.09	330.84	505.87	688.68	870.87	1063.06	1251.25	1415.44	1596.63
1 1/2	5.21	153.85	334.62	507.59	690.45	872.64	1066.83	1255.02	1419.21	1600.40
1 3/4	5.92	157.61	338.39	509.32	692.23	874.42	1070.61	1258.80	1422.99	1604.18
2	6.63	161.38	342.17	511.04	694.01	876.19	1074.39	1262.57	1426.76	1607.95
2 1/4	7.34	165.14	345.94	512.76	695.79	877.97	1078.18	1266.35	1430.54	1611.73
2 1/2	8.05	168.91	349.72	514.48	697.58	879.74	1081.96	1270.12	1434.31	1615.50
2 3/4	8.76	172.67	353.49	516.20	699.36	881.52	1085.75	1273.90	1438.09	1619.28
3	9.47	176.43	357.27	517.92	701.10	883.29	1089.53	1277.67	1441.86	1623.05
3 1/4	10.18	180.19	361.04	519.64	702.80	885.06	1093.32	1281.45	1445.64	1626.83
3 1/2	10.89	183.96	364.82	521.37	704.55	886.83	1097.10	1285.22	1449.41	1630.60
3 3/4	11.60	187.72	368.59	523.09	706.27	888.60	1100.88	1289.00	1453.19	1634.38
4	12.31	191.48	372.37	524.81	708.00	890.37	1104.66	1292.77	1456.96	1638.15
4 1/4	13.02	195.25	376.14	526.53	709.75	892.14	1108.44	1296.55	1460.74	1641.93
4 1/2	13.73	199.01	379.92	528.25	711.50	893.91	1112.22	1300.32	1464.51	1645.70
4 3/4	14.44	202.77	383.69	529.97	713.20	895.68	1116.00	1304.10	1468.29	1649.47
5	15.15	206.54	387.47	531.69	714.95	897.45	1119.78	1307.87	1472.06	1653.25
5 1/4	15.86	210.30	391.24	533.41	716.70	899.22	1123.56	1311.65	1475.84	1657.02
5 1/2	16.57	214.06	395.02	535.13	718.45	900.99	1127.34	1315.42	1479.61	1660.80
5 3/4	17.28	217.82	398.79	536.85	720.20	902.76	1131.12	1319.20	1483.39	1664.57
6	17.99	221.58	402.56	538.57	721.95	904.53	1134.90	1322.97	1487.16	1668.35
6 1/4	18.70	225.35	406.34	540.29	723.70	906.30	1138.68	1326.75	1490.94	1672.12
6 1/2	19.41	229.11	410.11	542.01	725.45	908.07	1142.46	1330.52	1494.71	1675.90
6 3/4	20.12	232.88	413.89	543.73	727.20	909.84	1146.24	1334.30	1498.49	1679.67
7	20.83	236.64	417.66	545.45	728.95	911.61	1150.02	1338.07	1502.26	1683.45
7 1/4	21.54	240.40	421.44	547.17	730.70	913.38	1153.80	1341.85	1506.04	1687.22
7 1/2	22.25	244.17	425.21	548.89	732.45	915.15	1157.58	1345.62	1509.81	1691.00
7 3/4	22.96	248.00	429.03	550.61	734.20	916.92	1161.36	1349.40	1513.59	1694.77
8	23.67	251.78	432.81	552.33	735.95	918.69	1165.14	1353.17	1517.36	1698.55
8 1/4	24.38	255.54	436.59	554.05	737.70	920.46	1168.92	1356.95	1521.14	1702.32
8 1/2	25.09	259.30	440.37	555.77	739.45	922.23	1172.70	1360.72	1524.91	1706.10
8 3/4	25.80	263.07	444.14	557.49	741.20	924.00	1176.48	1364.50	1528.69	1709.87
9	26.51	266.83	447.92	559.21	742.95	925.77	1180.26	1368.27	1532.46	1713.65
9 1/4	27.22	270.60	451.69	560.93	744.70	927.54	1184.04	1372.05	1536.24	1717.42
9 1/2	27.93	274.36	455.47	562.65	746.45	929.31	1187.82	1375.82	1540.01	1721.20
9 3/4	28.64	278.13	459.24	564.37	748.20	931.08	1191.60	1379.60	1543.79	1724.97
10	29.35	281.89	463.02	566.09	750.00	932.85	1195.38	1383.37	1547.56	1728.75
10 1/4	30.06	285.65	466.79	567.81	751.75	934.62	1199.16	1387.15	1551.34	1732.52
10 1/2	30.77	289.42	470.57	569.53	753.50	936.39	1202.94	1390.92	1555.11	1736.30
10 3/4	31.48	293.18	474.34	571.25	755.25	938.16	1206.72	1394.70	1558.89	1740.07
11	32.19	296.95	478.11	572.97	757.00	939.93	1210.50	1398.47	1562.66	1743.84
11 1/4	32.90	300.71	481.88	574.69	758.75	941.70	1214.28	1402.25	1566.44	1747.62
11 1/2	33.61	304.47	485.65	576.41	760.50	943.47	1218.06	1406.03	1570.21	1751.39
11 3/4	34.32	308.24	489.42	578.13	762.25	945.24	1221.84	1409.80	1573.99	1755.17

1) BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH KPMAS CHAPTER 2-7
 2) CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL
 3) CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 4) GAUGE POINT LOCATED 2'-0" OFF CENTERLINE AND 2'-10" FORWARD OF AFT BULKHEAD
 5) GANGES AND SUPERCEDES DUE TO CHANGE IN GAUGE HEIGHT AND LOCATION - DATE REISSUED - FEBRUARY 1993
 7) ORIGINALLY BARGE "FOST 113", FORMERLY BARGE "MMI-201"

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

SAYBOLT INC.
John Wallace

SAVBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4364
 PASADENA, TEXAS 77502

BARGE "JPW 159"

**2 PORT
 INNAGE TABLE**

CTCO 3006

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT = 16'-4 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.	
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	1,758.84	0	1,840.13	0	2,121.32	0	2,302.52	0	2,472.47
1/4	1,762.72	1/4	1,843.91	1/4	2,125.10	1/4	2,306.28	1/4	2,474.77
1/2	1,768.49	1/2	1,847.68	1/2	2,128.87	1/2	2,310.08	1/2	2,477.07
3/4	1,770.27	3/4	1,851.48	3/4	2,132.65	3/4	2,313.84	3/4	2,478.85
1	1,774.04	1	1,855.23	1	2,136.42	1	2,317.61	1	2,480.13
1 1/4	1,777.82	1 1/4	1,858.91	1 1/4	2,140.20	1 1/4	2,321.38	1 1/4	2,482.71
1 1/2	1,781.58	1 1/2	1,862.78	1 1/2	2,143.87	1 1/2	2,325.15	1 1/2	2,484.58
1 3/4	1,785.37	1 3/4	1,866.58	1 3/4	2,147.75	1 3/4	2,328.94	1 3/4	2,486.06
2	1,789.14	2	1,870.33	2	2,151.52	2	2,332.71	2	2,487.52
1 1/4	1,792.92	1 1/4	1,874.11	1 1/4	2,155.30	1 1/4	2,336.48	1 1/4	2,488.88
1 1/2	1,796.69	1 1/2	1,877.88	1 1/2	2,159.07	1 1/2	2,340.26	1 1/2	2,490.44
1 3/4	1,800.47	1 3/4	1,881.68	1 3/4	2,162.85	1 3/4	2,344.01	1 3/4	2,491.49
2	1,804.24	2	1,885.43	2	2,166.62	2	2,347.75	2	2,492.53
1 1/4	1,808.02	1 1/4	1,889.21	1 1/4	2,170.40	1 1/4	2,351.50	1 1/4	2,493.58
1 1/2	1,811.78	1 1/2	1,892.98	1 1/2	2,174.17	1 1/2	2,355.24	1 1/2	2,494.62
1 3/4	1,815.57	1 3/4	1,896.75	1 3/4	2,177.95	1 3/4	2,358.98	1 3/4	2,495.25
2	1,819.34	2	1,900.53	2	2,181.72	2	2,362.73		
1 1/4	1,823.12	1 1/4	1,904.31	1 1/4	2,185.50	1 1/4	2,366.47		
1 1/2	1,826.89	1 1/2	1,908.08	1 1/2	2,189.27	1 1/2	2,370.22		
1 3/4	1,830.67	1 3/4	1,911.88	1 3/4	2,193.05	1 3/4	2,373.96		
2	1,834.44	2	1,915.63	2	2,196.82	2	2,377.71		
1 1/4	1,838.21	1 1/4	1,919.41	1 1/4	2,200.60	1 1/4	2,381.45		
1 1/2	1,841.98	1 1/2	1,923.18	1 1/2	2,204.37	1 1/2	2,385.18		
1 3/4	1,845.75	1 3/4	1,926.95	1 3/4	2,208.15	1 3/4	2,388.94		
2	1,849.54	2	1,930.73	2	2,211.92	2	2,392.58		
1 1/4	1,853.31	1 1/4	1,934.50	1 1/4	2,215.68	1 1/4	2,396.13		
1 1/2	1,857.08	1 1/2	1,938.28	1 1/2	2,219.47	1 1/2	2,400.17		
1 3/4	1,860.86	1 3/4	1,942.05	1 3/4	2,223.24	1 3/4	2,403.83		
2	1,864.64	2	1,945.83	2	2,227.02	2	2,407.89		
1 1/4	1,868.41	1 1/4	1,949.60	1 1/4	2,230.79	1 1/4	2,411.45		
1 1/2	1,872.19	1 1/2	1,953.38	1 1/2	2,234.57	1 1/2	2,415.21		
1 3/4	1,875.96	1 3/4	1,957.15	1 3/4	2,238.34	1 3/4	2,418.96		
2	1,879.74	2	1,960.93	2	2,242.12	2	2,422.74		
1 1/4	1,883.51	1 1/4	1,964.70	1 1/4	2,245.89	1 1/4	2,426.50		
1 1/2	1,887.29	1 1/2	1,968.48	1 1/2	2,249.67	1 1/2	2,430.26		
1 3/4	1,891.06	1 3/4	1,972.25	1 3/4	2,253.44	1 3/4	2,433.81		
2	1,894.84	2	1,976.03	2	2,257.22	2	2,437.38		
1 1/4	1,898.61	1 1/4	1,979.80	1 1/4	2,260.99	1 1/4	2,440.82		
1 1/2	1,902.39	1 1/2	1,983.58	1 1/2	2,264.77	1 1/2	2,444.47		
1 3/4	1,906.16	1 3/4	1,987.35	1 3/4	2,268.54	1 3/4	2,447.80		
2	1,909.94	2	1,991.13	2	2,272.32	2	2,450.74		
1 1/4	1,913.71	1 1/4	1,994.90	1 1/4	2,276.08	1 1/4	2,453.87		
1 1/2	1,917.49	1 1/2	1,998.68	1 1/2	2,279.87	1 1/2	2,457.01		
1 3/4	1,921.26	1 3/4	2,002.45	1 3/4	2,283.64	1 3/4	2,459.73		
2	1,925.04	2	2,006.23	2	2,287.42	2	2,462.44		
1 1/4	1,928.81	1 1/4	2,010.00	1 1/4	2,291.18	1 1/4	2,465.16		
1 1/2	1,932.58	1 1/2	2,013.78	1 1/2	2,294.97	1 1/2	2,467.88		
1 3/4	1,936.36	1 3/4	2,017.55	1 3/4	2,298.74	1 3/4	2,470.17		

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

SAVBOLT INC.
Dynn Wallace

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4384
 PASADENA, TEXAS 77502

BARGE "JPW 159"

CTCO 3006

**2 STBD
 INNAGE TABLE**

GAUGE HEIGHT = 16'-4.38"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.															
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	1,709.57	1,885.87	2,061.77	2,237.87	2,413.98	2,590.08	2,766.18	2,942.28	3,118.38	3,294.48	3,470.58	3,646.68	3,822.78	3,998.88	4,174.98	4,351.08	4,527.18	4,703.28	4,879.38	5,055.48
1/4	1,713.24	1,889.34	2,065.44	2,241.54	2,417.64	2,593.74	2,769.84	2,945.94	3,122.04	3,298.14	3,474.24	3,650.34	3,826.44	4,002.54	4,178.64	4,354.74	4,530.84	4,706.94	4,883.04	5,059.14
1/2	1,716.81	1,892.91	2,069.01	2,245.11	2,421.21	2,597.31	2,773.41	2,949.51	3,125.61	3,301.71	3,477.81	3,653.91	3,830.01	4,006.11	4,182.21	4,358.31	4,534.41	4,710.51	4,886.61	5,062.71
3/4	1,720.37	1,896.47	2,072.57	2,248.67	2,424.77	2,600.87	2,776.97	2,953.07	3,129.17	3,305.27	3,481.37	3,657.47	3,833.57	4,009.67	4,185.77	4,361.87	4,537.97	4,714.07	4,890.17	5,066.27
1	1,723.94	1,900.04	2,076.14	2,252.24	2,428.34	2,604.44	2,780.54	2,956.64	3,132.74	3,308.84	3,484.94	3,661.04	3,837.14	4,013.24	4,189.34	4,365.44	4,541.54	4,717.64	4,893.74	5,069.84
1 1/4	1,727.51	1,903.61	2,079.71	2,255.81	2,431.91	2,608.01	2,784.11	2,960.21	3,136.31	3,312.41	3,488.51	3,664.61	3,840.71	4,016.81	4,192.91	4,369.01	4,545.11	4,721.21	4,897.31	5,073.41
1 1/2	1,731.08	1,907.18	2,083.28	2,259.38	2,435.48	2,611.58	2,787.68	2,963.78	3,139.88	3,315.98	3,492.08	3,668.18	3,844.28	4,020.38	4,196.48	4,372.58	4,548.68	4,724.78	4,900.88	5,076.98
1 3/4	1,734.65	1,910.75	2,086.85	2,262.95	2,439.05	2,615.15	2,791.25	2,967.35	3,143.45	3,319.55	3,495.65	3,671.75	3,847.85	4,023.95	4,200.05	4,376.15	4,552.25	4,728.35	4,904.45	5,080.55
2	1,738.22	1,914.32	2,090.42	2,266.52	2,442.62	2,619.72	2,795.82	2,971.92	3,147.02	3,323.12	3,499.22	3,675.32	3,851.42	4,027.52	4,203.62	4,379.72	4,555.82	4,731.92	4,908.02	5,084.12
2 1/4	1,741.79	1,917.89	2,094.01	2,270.11	2,446.21	2,623.31	2,799.41	2,975.51	3,151.51	3,327.61	3,503.71	3,679.81	3,855.91	4,032.01	4,208.11	4,384.21	4,560.31	4,736.41	4,912.51	5,088.61
2 1/2	1,745.36	1,921.46	2,097.58	2,273.68	2,449.81	2,626.91	2,803.01	2,979.11	3,155.11	3,331.21	3,507.31	3,683.41	3,859.51	4,035.61	4,211.71	4,387.81	4,563.91	4,740.01	4,916.11	5,092.21
2 3/4	1,748.93	1,925.03	2,101.15	2,277.25	2,453.41	2,630.51	2,806.61	2,982.71	3,159.71	3,335.81	3,511.91	3,688.01	3,864.11	4,040.21	4,216.31	4,392.41	4,568.51	4,744.61	4,920.71	5,096.81
3	1,752.50	1,928.60	2,104.72	2,280.82	2,457.02	2,634.11	2,810.21	2,986.31	3,163.31	3,339.41	3,515.51	3,691.61	3,867.71	4,043.81	4,219.91	4,396.01	4,572.11	4,748.21	4,924.31	5,100.41
3 1/4	1,756.07	1,932.17	2,108.29	2,284.39	2,460.62	2,637.71	2,813.81	2,989.91	3,166.91	3,343.01	3,519.11	3,695.21	3,871.31	4,047.41	4,223.51	4,400.61	4,576.71	4,752.81	4,928.91	5,104.01
3 1/2	1,759.64	1,935.74	2,111.86	2,287.96	2,464.22	2,641.31	2,817.41	2,993.51	3,170.51	3,347.11	3,523.21	3,700.31	3,876.41	4,051.51	4,227.61	4,404.71	4,580.81	4,756.91	4,933.01	5,108.11
3 3/4	1,763.21	1,939.31	2,115.43	2,291.53	2,467.82	2,644.91	2,821.01	2,997.11	3,174.11	3,351.21	3,527.31	3,704.41	3,880.51	4,055.61	4,231.71	4,407.81	4,583.91	4,760.01	4,936.11	5,112.21
4	1,766.78	1,942.88	2,119.00	2,295.10	2,471.42	2,648.51	2,824.61	3,001.71	3,177.71	3,355.81	3,531.91	3,708.01	3,884.11	4,059.21	4,235.31	4,411.41	4,587.51	4,763.61	4,939.71	5,116.31
4 1/4	1,770.35	1,946.45	2,122.57	2,298.67	2,475.02	2,652.11	2,828.21	3,005.31	3,181.31	3,359.41	3,535.51	3,711.61	3,887.71	4,063.81	4,239.91	4,415.01	4,591.11	4,767.21	4,943.31	5,120.41
4 1/2	1,773.92	1,949.02	2,126.14	2,302.24	2,478.62	2,655.71	2,831.81	3,008.91	3,184.91	3,363.01	3,539.11	3,715.21	3,891.31	4,067.41	4,244.01	4,420.11	4,596.21	4,772.31	4,948.41	5,124.51
4 3/4	1,777.49	1,952.59	2,129.71	2,305.81	2,482.22	2,659.31	2,835.41	3,012.51	3,188.51	3,367.11	3,543.21	3,719.31	3,895.41	4,071.51	4,248.61	4,424.71	4,600.81	4,776.91	4,952.01	5,128.61
5	1,781.06	1,956.16	2,133.28	2,309.38	2,485.82	2,662.91	2,839.01	3,016.11	3,192.11	3,371.21	3,547.31	3,723.41	3,900.51	4,076.61	4,252.71	4,428.81	4,604.91	4,781.01	4,957.11	5,132.71
5 1/4	1,784.63	1,959.73	2,136.85	2,312.95	2,489.42	2,666.51	2,842.61	3,019.71	3,196.11	3,375.81	3,551.91	3,728.01	3,904.11	4,080.21	4,256.31	4,432.41	4,608.51	4,785.61	4,961.71	5,136.81
5 1/2	1,788.20	1,963.30	2,140.42	2,316.52	2,493.02	2,670.11	2,846.21	3,023.31	3,200.11	3,380.41	3,556.51	3,732.61	3,908.71	4,084.81	4,260.91	4,436.01	4,612.11	4,789.21	4,965.31	5,140.91
5 3/4	1,791.77	1,966.87	2,143.99	2,320.09	2,496.62	2,673.71	2,849.81	3,026.91	3,204.11	3,384.01	3,560.11	3,736.21	3,912.31	4,088.41	4,265.01	4,440.11	4,616.21	4,793.31	4,969.41	5,145.01
6	1,795.34	1,970.44	2,147.56	2,323.66	2,500.22	2,677.31	2,853.41	3,030.51	3,208.11	3,388.61	3,564.71	3,740.81	3,916.91	4,093.01	4,269.11	4,444.21	4,620.31	4,796.41	4,972.51	5,149.11
6 1/4	1,798.91	1,974.01	2,151.13	2,327.23	2,503.82	2,680.91	2,857.01	3,034.11	3,212.11	3,392.81	3,568.91	3,745.01	3,921.11	4,097.21	4,273.31	4,448.41	4,624.51	4,800.61	4,976.71	5,153.21
6 1/2	1,802.48	1,977.58	2,154.70	2,330.80	2,507.42	2,684.51	2,860.61	3,037.71	3,216.11	3,396.41	3,572.51	3,748.61	3,924.71	4,101.81	4,277.91	4,452.01	4,628.11	4,804.21	4,980.31	5,157.31
6 3/4	1,806.05	1,981.15	2,158.27	2,334.37	2,511.02	2,688.11	2,864.21	3,041.31	3,220.11	3,400.61	3,576.71	3,752.81	3,928.91	4,105.01	4,281.11	4,457.21	4,633.31	4,809.41	4,985.51	5,161.41
7	1,809.62	1,984.72	2,161.84	2,337.94	2,514.62	2,691.71	2,868.31	3,044.91	3,224.11	3,404.21	3,580.31	3,756.41	3,932.51	4,109.61	4,285.71	4,460.81	4,636.91	4,813.01	4,989.11	5,165.51
7 1/4	1,813.19	1,988.29	2,165.41	2,341.51	2,518.22	2,695.31	2,872.41	3,048.51	3,228.11	3,408.61	3,584.71	3,760.81	3,936.91	4,113.01	4,290.11	4,465.21	4,641.31	4,817.41	4,993.51	5,169.61
7 1/2	1,816.76	1,991.86	2,168.98	2,345.08	2,521.82	2,698.91	2,876.01	3,052.11	3,232.11	3,412.21	3,588.31	3,764.41	3,940.51	4,117.61	4,294.71	4,470.81	4,646.91	4,823.01	5,000.11	5,173.71
7 3/4	1,820.33	1,995.43	2,172.55	2,348.65	2,525.42	2,702.51	2,880.61	3,055.71	3,236.11	3,416.21	3,592.31	3,768.41	3,944.51	4,121.81	4,299.91	4,475.01	4,651.11	4,827.21	5,004.31	5,177.91
8	1,823.90	1,999.00	2,176.12	2,352.22	2,529.02	2,706.11	2,884.21	3,059.31	3,240.11	3,420.21	3,596.31	3,772.41	3,948.51	4,125.01	4,304.11	4,480.21	4,656.31	4,832.41	5,008.51	5,182.11
8 1/4	1,827.47	2,002.57	2,179.69	2,355.79	2,532.62	2,710.71	2,888.81	3,062.91	3,244.11	3,424.21	3,600.31	3,776.41	3,952.51	4,129.61	4,308.71	4,484.81	4,660.91	4,837.01	5,012.71	5,186.31
8 1/2	1,831.04	2,006.14	2,183.26	2,359.36	2,536.22	2,714.31	2,892.41	3,066.51	3,248.11	3,428.21	3,604.31	3,780.41	3,956.51	4,133.81	4,312.91	4,489.01	4,665.11	4,841.21	5,016.91	5,190.51
8 3/4	1,834.61	2,009.71	2,186.83	2,362.93	2,539.82	2,717.91	2,896.01	3,070.11	3,252.11	3,432.21	3,608.31	3,784.41	3,960.51	4,138.01	4,317.11	4,493.21	4,669.31	4,845.41	5,021.11	5,194.71
9	1,838.18	2,013.28	2,190.40	2,366.50	2,543.42	2,721.51	2,900.61	3,073.71	3,256.11	3,436.21	3,612.31	3,788.41	3,964.51	4,142.61	4,321.71	4,497.81	4,673.91	4,850.01	5,025.31	5,198.91
9 1/4	1,841.75	2,016.85	2,193.97	2,370.07	2,547.02	2,725.11	2,904.21	3,077.31	3,260.11	3,440.21	3,616.31	3,792.41	3,968.51	4,146.81	4,325.91	4,502.01	4,678.11	4,854.21	5,029.51	5,203.11
9 1/2	1,845.32	2,020.42	2,197.54	2,373.64	2,550.62	2,728.71	2,908.81	3,080.91	3,264.11	3,444.21	3,620.31	3,796.41	3,972.51	4,151.01	4,330.11	4,506.21	4,682.31	4,858.41	5,033.71	5,207.71
9 3/4	1,848.89	2,024.01	2,201.11	2,377.21	2,554.22	2,732.31	2,912.41	3,084.51	3,268.11	3,448.21	3,624.31									

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4394
 PASADENA, TEXAS 77502

BARGE "JPW 159"

3 PORT INNAGE TABLE

CTCO 3006

GAUGE HEIGHT = 18'-6"

CAPACITIES GIVEN IN BARRELS & OF 42 U.S. GALLONS

IN.	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0.85	130.72	0	310.56	0	491.09	0	689.09	0	894.41
1/4	1.65	334.47	1/4	314.18	1/4	494.85	1/4	672.79	1/4	853.17
1/2	2.35	138.22	1/2	318.18	1/2	498.90	1/2	676.50	1/2	856.52
3/4	3.07	141.87	3/4	321.94	3/4	502.31	3/4	680.28	3/4	860.68
1	3.77	145.71	1	325.70	1	506.72	1	684.44	1	864.44
1 1/4	4.48	149.46	1 1/4	329.46	1 1/4	509.72	1 1/4	687.77	1 1/4	868.20
1 1/2	5.08	153.21	1 1/2	333.21	1 1/2	513.43	1 1/2	691.53	1 1/2	871.96
1 3/4	5.64	156.95	1 3/4	336.97	1 3/4	517.14	1 3/4	695.29	1 3/4	875.72
2	6.01	160.70	2	340.73	2	520.84	2	699.05	2	879.48
1/4	8.19	164.45	1/4	344.49	1/4	524.55	1/4	702.81	1/4	883.24
1/2	10.84	168.20	1/2	348.25	1/2	528.25	1/2	706.57	1/2	887.00
3/4	12.48	171.94	3/4	352.01	3/4	531.95	3/4	710.33	3/4	890.75
1	14.14	175.69	1	355.77	1	535.67	1	714.09	1	894.51
1 1/4	15.79	179.44	1 1/4	359.53	1 1/4	539.37	1 1/4	717.85	1 1/4	898.27
1 1/2	17.81	183.18	1 1/2	363.28	1 1/2	543.08	1 1/2	721.60	1 1/2	902.03
1 3/4	20.03	186.93	1 3/4	367.04	1 3/4	546.78	1 3/4	725.36	1 3/4	905.78
2	22.14	190.68	2	370.80	2	550.49	2	729.12	2	909.55
1/4	24.26	194.43	1/4	374.56	1/4	554.20	1/4	732.88	1/4	913.31
1/2	26.90	198.18	1/2	378.32	1/2	557.90	1/2	736.64	1/2	917.07
3/4	28.45	201.92	3/4	382.08	3/4	561.61	3/4	740.40	3/4	920.83
1	32.04	205.67	1	385.84	1	565.31	1	744.16	1	924.59
1 1/4	34.83	209.42	1 1/4	389.60	1 1/4	569.02	1 1/4	747.92	1 1/4	928.34
1 1/2	37.68	213.16	1 1/2	393.36	1 1/2	572.73	1 1/2	751.68	1 1/2	932.10
1 3/4	40.75	216.91	1 3/4	397.17	1 3/4	576.43	1 3/4	755.43	1 3/4	935.86
2	43.81	220.66	2	400.97	2	580.14	2	759.19	2	939.62
1/4	46.97	224.40	1/4	404.63	1/4	583.85	1/4	762.95	1/4	943.38
1/2	50.04	228.15	1/2	408.39	1/2	587.55	1/2	766.71	1/2	947.14
3/4	53.20	231.90	3/4	412.15	3/4	591.26	3/4	770.47	3/4	950.89
1	56.36	235.65	1	415.91	1	594.96	1	774.23	1	954.65
1 1/4	59.53	239.39	1 1/4	419.67	1 1/4	598.67	1 1/4	777.99	1 1/4	958.42
1 1/2	62.72	243.14	1 1/2	423.43	1 1/2	602.38	1 1/2	781.75	1 1/2	962.17
1 3/4	67.02	246.88	1 3/4	427.19	1 3/4	606.08	1 3/4	785.51	1 3/4	965.93
2	70.77	250.63	2	430.94	2	609.79	2	789.26	2	969.69
1/4	74.52	254.38	1/4	434.70	1/4	613.49	1/4	793.02	1/4	973.45
1/2	78.28	258.13	1/2	438.46	1/2	617.20	1/2	796.78	1/2	977.21
3/4	82.01	261.88	3/4	442.22	3/4	620.91	3/4	800.54	3/4	980.97
1	85.76	265.63	1	445.98	1	624.61	1	804.30	1	984.73
1 1/4	89.51	269.38	1 1/4	449.74	1 1/4	628.32	1 1/4	808.06	1 1/4	988.49
1 1/2	93.26	273.13	1 1/2	453.50	1 1/2	632.02	1 1/2	811.82	1 1/2	992.25
1 3/4	97.00	276.88	1 3/4	457.26	1 3/4	635.73	1 3/4	815.58	1 3/4	996.00
2	100.75	280.63	2	461.02	2	639.44	2	819.34	2	1,000.76
1/4	104.48	284.38	1/4	464.78	1/4	643.14	1/4	823.10	1/4	1,004.52
1/2	108.24	288.13	1/2	468.54	1/2	646.85	1/2	826.86	1/2	1,008.28
3/4	111.99	291.87	3/4	472.29	3/4	650.55	3/4	830.61	3/4	1,012.04
1	115.73	295.62	1	476.05	1	654.26	1	834.37	1	1,015.80
1 1/4	119.48	299.37	1 1/4	479.81	1 1/4	657.97	1 1/4	838.13	1 1/4	1,019.56
1 1/2	123.23	303.12	1 1/2	483.57	1 1/2	661.67	1 1/2	841.89	1 1/2	1,023.32
1 3/4	126.98	306.87	1 3/4	487.33	1 3/4	665.38	1 3/4	845.65	1 3/4	1,027.08

- 1) BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPWS CHAPTER 2.7
- 2) CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
- 3) CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
- 4) GAUGE POINT TO SCREEN REST AT 6" DIAMETER HATCH ON EXPANSION DOME.
- 5) GAUGE POINT LOCATED 2'-0" OFF CENTERLINE AND 1'-0" FORWARD OF AFT BULKHEAD.
- 6) CANCELS AND SUPERCEDES DUE TO CHANGE IN GAUGE HEIGHT AND LOCATION - DATE REISSUED - FEBRUARY 1993.
- 7) ORIGINALLY BARGE "FOST 113", FORMERLY BARGE "MM1-201"

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

SAYBOLT INC.

Sydney Waller

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4384
 PASADENA, TEXAS 77502

BARGE "JPW 159"

CTCO 3006

**3 PORT
 INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT = 18'-5"

IN.	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.	
	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
0	1,761.34	0	1,831.97	0	2,112.40	0	2,282.82	0	2,492.07	
1/4	1,765.30	1/4	1,835.73	1/4	2,116.18	1/4	2,286.58	1/4	2,495.36	
1/2	1,769.08	1/2	1,839.49	1/2	2,119.92	1/2	2,290.34	1/2	2,499.65	
3/4	1,772.82	3/4	1,843.25	3/4	2,123.67	3/4	2,304.10	3/4	2,498.52	
1	1,766.58	1	1,847.01	1	2,127.43	1	2,307.86	1	2,470.39	
1/4	1,770.34	1/4	1,850.79	1/4	2,131.19	1/4	2,311.62	1/4	2,472.26	
1/2	1,774.10	1/2	1,854.55	1/2	2,134.95	1/2	2,315.38	1/2	2,474.14	
3/4	1,777.86	3/4	1,858.32	3/4	2,138.71	3/4	2,319.14	3/4	2,475.59	
1	1,781.61	1	1,862.04	1	2,142.47	1	2,322.90	1	2,477.05	
1/4	1,785.37	1/4	1,865.80	1/4	2,146.23	1/4	2,326.65	1/4	2,478.51	
1/2	1,789.13	1/2	1,869.56	1/2	2,149.99	1/2	2,330.41	1/2	2,479.99	
3/4	1,792.89	3/4	1,873.32	3/4	2,153.75	3/4	2,334.14	3/4	2,481.00	
1	1,800.41	1	1,880.84	1	2,161.26	1	2,337.87	1	2,482.04	
1/4	1,804.17	1/4	1,884.59	1/4	2,165.02	1/4	2,341.60	1/4	2,483.09	
1/2	1,807.93	1/2	1,888.35	1/2	2,168.78	1/2	2,345.33	1/2	2,484.13	
3/4	1,811.69	3/4	1,892.11	3/4	2,172.54	3/4	2,349.06	3/4	2,484.75	
1	1,815.44	1	1,895.87	1	2,176.30	1	2,352.79	1	2,352.79	
1/4	1,819.20	1/4	1,899.63	1/4	2,180.06	1/4	2,356.51	1/4	2,356.51	
1/2	1,822.96	1/2	2,003.39	1/2	2,183.82	1/2	2,360.24	1/2	2,360.24	
3/4	1,826.72	3/4	2,007.15	3/4	2,187.58	3/4	2,363.97	3/4	2,363.97	
1	1,830.48	1	2,010.91	1	2,191.33	1	2,367.70	1	2,367.70	
1/4	1,834.24	1/4	2,014.67	1/4	2,195.09	1/4	2,371.49	1/4	2,371.49	
1/2	1,838.00	1/2	2,018.42	1/2	2,198.85	1/2	2,375.16	1/2	2,375.16	
3/4	1,841.76	3/4	2,022.18	3/4	2,202.61	3/4	2,378.88	3/4	2,378.88	
1	1,845.52	1	2,025.94	1	2,206.37	1	2,382.61	1	2,382.61	
1/4	1,849.27	1/4	2,029.70	1/4	2,210.13	1/4	2,386.34	1/4	2,386.34	
1/2	1,853.03	1/2	2,033.46	1/2	2,213.89	1/2	2,390.07	1/2	2,390.07	
3/4	1,856.79	3/4	2,037.22	3/4	2,217.65	3/4	2,393.81	3/4	2,393.81	
1	1,860.55	1	2,040.98	1	2,221.41	1	2,401.31	1	2,401.31	
1/4	1,864.31	1/4	2,044.74	1/4	2,225.16	1/4	2,405.05	1/4	2,405.05	
1/2	1,868.07	1/2	2,048.50	1/2	2,228.92	1/2	2,408.80	1/2	2,408.80	
3/4	1,871.83	3/4	2,052.26	3/4	2,232.68	3/4	2,412.54	3/4	2,412.54	
1	1,875.59	1	2,056.01	1	2,236.44	1	2,416.29	1	2,416.29	
1/4	1,879.35	1/4	2,059.77	1/4	2,240.20	1/4	2,420.03	1/4	2,420.03	
1/2	1,883.10	1/2	2,063.53	1/2	2,243.96	1/2	2,423.77	1/2	2,423.77	
3/4	1,886.86	3/4	2,067.29	3/4	2,247.72	3/4	2,427.51	3/4	2,427.51	
1	1,890.62	1	2,071.05	1	2,251.48	1	2,431.24	1	2,431.24	
1/4	1,894.38	1/4	2,074.81	1/4	2,255.24	1/4	2,434.98	1/4	2,434.98	
1/2	1,898.14	1/2	2,078.57	1/2	2,258.99	1/2	2,438.70	1/2	2,438.70	
3/4	1,901.90	3/4	2,082.33	3/4	2,262.75	3/4	2,442.43	3/4	2,442.43	
1	1,905.66	1	2,086.09	1	2,266.51	1	2,446.15	1	2,446.15	
1/4	1,909.42	1/4	2,089.84	1/4	2,270.27	1/4	2,449.87	1/4	2,449.87	
1/2	1,913.18	1/2	2,093.60	1/2	2,274.03	1/2	2,453.57	1/2	2,453.57	
3/4	1,916.93	3/4	2,097.36	3/4	2,277.79	3/4	2,457.28	3/4	2,457.28	
1	1,920.69	1	2,101.12	1	2,281.55	1	2,460.98	1	2,460.98	
1/4	1,924.45	1/4	2,104.88	1/4	2,285.31	1/4	2,464.78	1/4	2,464.78	
1/2	1,928.21	1/2	2,108.64	1/2	2,289.07	1/2	2,468.51	1/2	2,468.51	
3/4	1,931.97	3/4	2,112.40	3/4	2,292.82	3/4	2,472.26	3/4	2,472.26	

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

SAYBOLT INC.

Raymond Walker

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4384
 PASADENA, TEXAS 77502

BARGE "JPW 159"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

CO 3006

GARAGE HEIGHT = 16'-4 5/8"

IN.	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0.92	122.17	302.22	477.75	650.81	828.24	1,001.86	1,177.39	1,352.92	1,528.44
1/4	1.61	130.82	309.53	485.06	658.12	829.99	1,005.52	1,181.05	1,356.57	1,532.10
1/2	2.30	134.46	308.53	485.06	658.12	829.99	1,005.52	1,181.05	1,356.57	1,532.10
3/4	2.98	138.11	313.18	489.67	662.78	834.61	1,010.13	1,186.13	1,361.65	1,537.18
1	3.67	141.75	318.80	494.27	667.38	839.20	1,015.21	1,191.21	1,366.73	1,542.26
1 1/4	4.35	145.40	324.42	500.89	672.95	844.79	1,020.29	1,196.29	1,371.81	1,547.34
1 1/2	5.04	149.05	327.82	505.09	676.41	848.28	1,023.80	1,199.83	1,375.36	1,550.88
1 3/4	5.72	152.69	331.22	509.29	679.82	851.78	1,027.31	1,203.37	1,378.91	1,554.42
2	7.80	156.34	333.47	509.89	680.07	851.99	1,027.46	1,203.42	1,378.96	1,554.47
1/4	8.94	158.98	334.72	510.30	680.72	852.41	1,027.77	1,203.78	1,379.34	1,554.83
1/2	10.55	163.83	338.79	513.80	683.38	854.81	1,032.43	1,210.30	1,385.83	1,561.35
3/4	12.15	167.27	342.45	517.51	687.04	857.59	1,037.19	1,217.01	1,392.54	1,568.07
1	13.75	170.82	346.10	521.12	690.69	860.56	1,042.08	1,224.03	1,399.14	1,574.82
1 1/4	15.35	174.56	349.78	524.72	694.24	863.81	1,047.08	1,231.27	1,405.74	1,581.57
1 1/2	17.42	178.21	353.42	528.33	697.77	867.22	1,052.19	1,238.74	1,412.37	1,588.32
1 3/4	19.48	181.95	357.07	531.93	701.24	870.82	1,057.31	1,246.43	1,419.01	1,595.07
2	21.54	185.50	360.73	535.54	704.72	874.65	1,062.44	1,254.34	1,425.77	1,601.82
1/4	23.61	189.14	364.38	539.14	708.32	878.65	1,067.58	1,262.46	1,432.53	1,608.57
1/2	25.68	192.79	368.04	542.75	711.99	882.82	1,072.73	1,270.80	1,439.30	1,615.32
3/4	27.74	196.44	371.70	546.35	715.63	887.16	1,077.89	1,279.36	1,446.07	1,622.07
1	29.81	200.08	375.35	549.95	719.28	891.67	1,083.06	1,288.14	1,452.84	1,628.82
1 1/4	31.87	203.73	379.01	553.57	722.95	896.34	1,088.24	1,297.14	1,459.61	1,635.57
1 1/2	33.94	207.37	382.67	557.17	726.67	901.17	1,093.43	1,306.36	1,466.38	1,642.32
1 3/4	36.00	211.02	386.33	560.78	730.44	906.15	1,098.63	1,315.80	1,473.15	1,649.07
2	42.82	214.66	390.99	564.38	734.23	911.28	1,103.84	1,325.46	1,479.92	1,655.82
1/4	45.80	218.31	393.84	567.99	738.07	916.56	1,109.06	1,335.34	1,486.69	1,662.57
1/2	48.78	221.95	397.00	571.59	741.89	921.99	1,114.29	1,345.44	1,493.46	1,669.32
3/4	51.76	225.50	400.95	575.20	745.89	927.57	1,119.53	1,355.75	1,500.23	1,676.07
1	54.83	229.24	404.61	578.80	749.94	933.30	1,124.78	1,366.27	1,507.00	1,682.82
1 1/4	57.91	232.89	408.27	582.41	754.15	939.18	1,130.04	1,376.91	1,513.77	1,689.57
1 1/2	61.08	236.53	411.92	586.01	758.43	945.11	1,135.31	1,387.76	1,520.54	1,696.32
1 3/4	64.25	240.18	415.58	589.62	762.77	951.19	1,140.59	1,398.72	1,527.31	1,703.07
2	67.42	243.83	419.24	593.23	767.17	957.32	1,145.88	1,409.79	1,534.08	1,709.82
1/4	72.49	247.47	422.89	596.83	771.63	963.50	1,151.18	1,420.96	1,540.85	1,716.57
1/2	76.14	251.12	426.55	600.44	775.14	969.73	1,156.48	1,432.34	1,547.62	1,723.32
3/4	79.78	254.75	430.21	604.04	778.80	976.01	1,161.79	1,443.83	1,554.39	1,730.07
1	83.43	258.38	433.87	607.65	782.46	982.34	1,167.11	1,455.42	1,561.16	1,736.82
1 1/4	87.07	262.02	437.52	611.25	786.11	988.72	1,172.44	1,467.11	1,567.93	1,743.57
1 1/2	90.72	265.66	441.18	614.84	789.83	995.15	1,177.78	1,478.90	1,574.70	1,750.32
1 3/4	94.36	269.31	444.84	618.46	793.47	1,001.63	1,183.13	1,490.79	1,581.47	1,757.07
2	98.01	272.97	448.49	622.07	797.09	1,008.16	1,188.48	1,502.78	1,588.24	1,763.82
1/4	101.66	276.62	452.15	625.68	800.74	1,014.74	1,193.83	1,514.87	1,595.01	1,770.57
1/2	105.30	280.28	455.81	629.28	804.40	1,021.37	1,199.18	1,527.06	1,601.78	1,777.32
3/4	108.95	283.94	459.49	632.89	808.05	1,028.05	1,204.53	1,539.35	1,608.55	1,784.07
1	112.59	287.59	463.12	636.49	811.71	1,034.78	1,209.79	1,551.74	1,615.32	1,790.82
1 1/4	116.24	291.25	466.78	640.10	815.41	1,041.56	1,215.11	1,564.23	1,622.09	1,797.57
1 1/2	119.88	294.91	470.43	643.79	819.02	1,048.39	1,220.52	1,576.82	1,628.86	1,804.32
1 3/4	123.53	298.56	474.09	647.41	822.68	1,055.26	1,226.01	1,589.51	1,635.63	1,811.07

- 1) BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NFPA CHAPTER 2-7
- 2) CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.
- 3) CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
- 4) GAUGE POINT LOCATED 2'-0" OFF CENTERLINE AND 1'-0" FORWARD OF AFT BULKHEAD.
- 5) CANCELS AND SUPERCEDES DUE TO CHANGE IN GAUGE HEIGHT AND LOCATION - DATE REISSUED - FEBRUARY 1993.
- 7) ORIGINALLY BARGE "FOSTI 113", FORMERLY BARGE "MAL-201"

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SAYBOLT INC.

John Walker

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4884
 PASADENA, TEXAS 77502

BARGE "JPW 159"

CTCO 3006

**3 STBD
 INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT = 16'-4 5/8"

IN.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	1,709.87	0	1,879.50	0	2,055.02
1/4	1,707.83	1/4	1,883.15	1/4	2,054.58
1/2	1,711.28	1/2	1,888.81	1/2	2,052.34
3/4	1,714.94	3/4	1,890.42	3/4	2,048.98
1	1,718.80	1	1,894.17	1	2,043.95
1 1/4	1,722.25	1 1/4	1,897.78	1 1/4	2,037.81
1 1/2	1,725.91	1 1/2	1,901.44	1 1/2	2,029.98
1 3/4	1,728.57	1 3/4	1,905.09	1 3/4	2,020.62
2	1,731.22	2	1,908.75	2	2,009.28
2 1/4	1,733.88	2 1/4	1,912.41	2 1/4	1,995.93
2 1/2	1,736.54	2 1/2	1,916.06	2 1/2	1,981.59
2 3/4	1,739.88	2 3/4	1,919.72	2 3/4	1,965.25
3	1,742.95	3	1,923.38	3	1,946.80
3 1/4	1,745.51	3 1/4	1,927.03	3 1/4	1,926.37
3 1/2	1,748.16	3 1/2	1,930.69	3 1/2	1,903.93
3 3/4	1,750.82	3 3/4	1,934.35	3 3/4	1,879.48
4	1,753.48	4	1,938.00	4	1,852.95
4 1/4	1,756.13	4 1/4	1,941.66	4 1/4	1,824.31
4 1/2	1,758.78	4 1/2	1,945.32	4 1/2	1,793.56
4 3/4	1,761.45	4 3/4	1,948.97	4 3/4	1,760.71
5	1,771.11	5	1,952.63	5	1,725.86
5 1/4	1,780.76	5 1/4	1,956.28	5 1/4	1,689.91
5 1/2	1,784.42	5 1/2	1,959.95	5 1/2	1,652.96
5 3/4	1,788.08	5 3/4	1,963.60	5 3/4	1,615.01
6	1,791.73	6	1,967.26	6	1,576.06
6 1/4	1,795.39	6 1/4	1,970.92	6 1/4	1,535.11
6 1/2	1,799.05	6 1/2	1,974.57	6 1/2	1,492.16
6 3/4	1,802.70	6 3/4	1,978.23	6 3/4	1,447.21
7	1,809.36	7	1,981.89	7	1,400.26
7 1/4	1,810.02	7 1/4	1,985.54	7 1/4	1,351.31
7 1/2	1,813.67	7 1/2	1,989.20	7 1/2	1,300.36
7 3/4	1,817.33	7 3/4	1,992.85	7 3/4	1,247.41
8	1,820.98	8	1,996.51	8	1,192.46
8 1/4	1,824.64	8 1/4	2,000.17	8 1/4	1,136.51
8 1/2	1,828.30	8 1/2	2,003.83	8 1/2	1,078.56
8 3/4	1,831.96	8 3/4	2,007.48	8 3/4	1,018.61
9	1,835.61	9	2,011.14	9	956.66
9 1/4	1,838.27	9 1/4	2,014.80	9 1/4	892.71
9 1/2	1,842.93	9 1/2	2,018.45	9 1/2	826.76
9 3/4	1,848.58	9 3/4	2,022.11	9 3/4	758.81
10	1,850.24	10	2,025.77	10	688.86
10 1/4	1,853.90	10 1/4	2,029.42	10 1/4	616.91
10 1/2	1,857.55	10 1/2	2,033.08	10 1/2	542.96
10 3/4	1,861.21	10 3/4	2,036.74	10 3/4	467.01
11	1,864.87	11	2,040.39	11	389.06
11 1/4	1,868.53	11 1/4	2,044.05	11 1/4	309.11
11 1/2	1,872.18	11 1/2	2,047.71	11 1/2	227.16
11 3/4	1,875.84	11 3/4	2,051.37	11 3/4	143.21

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

SAYBOLT INC.
Allyn Wallace

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4384
 PASADENA, TEXAS 77502

BARGE "JPW 159"

4 PORT INNAGE TABLE

CTCO 3006

CAPACITIES GIVEN IN BARRELS & OF 42 U.S. GALLONS

GAUGE HEIGHT = 16'-5"

IN.	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
	IN.	WT.	IN.	WT.	IN.	WT.	IN.	WT.	IN.	WT.	IN.	WT.	IN.	WT.	IN.	WT.	IN.	WT.	IN.	WT.	
0	1.11	0	152.60	0	357.80	0	563.18	0	765.90	0	971.96	0	1179.94	0	1382.51	0	1582.69	0	1781.67	0	1979.67
1/4	1.85	1/4	156.87	1/4	361.88	1/4	567.46	1/4	770.12	1/4	975.64	1/4	1181.22	1/4	1385.80	1/4	1588.80	1/4	1792.38	1/4	1989.96
1/2	2.78	1/2	181.13	1/2	368.12	1/2	571.74	1/2	774.34	1/2	977.84	1/2	1182.92	1/2	1386.50	1/2	1589.50	1/2	1793.08	1/2	1989.66
3/4	3.81	3/4	185.40	3/4	370.45	3/4	576.97	3/4	778.63	3/4	980.49	3/4	1182.92	3/4	1385.36	3/4	1587.36	3/4	1790.94	3/4	1986.52
1	4.44	1	188.67	1	374.73	1	580.19	1	782.81	1	984.40	1	1187.07	1	1388.65	1	1589.65	1	1793.23	1	1988.80
1 1/4	5.27	1 1/4	178.21	1 1/4	378.30	1 1/4	584.41	1 1/4	787.19	1 1/4	987.95	1 1/4	1190.34	1 1/4	1391.35	1 1/4	1591.35	1 1/4	1793.37	1 1/4	1989.97
1 1/2	6.04	1 1/2	172.91	1 1/2	383.30	1 1/2	588.63	1 1/2	791.47	1 1/2	992.05	1 1/2	1193.78	1 1/2	1393.78	1 1/2	1593.78	1 1/2	1795.80	1 1/2	1991.97
1 3/4	8.04	1 3/4	182.48	1 3/4	387.58	1 3/4	592.85	1 3/4	795.76	1 3/4	995.04	1 3/4	1196.04	1 3/4	1396.04	1 3/4	1596.04	1 3/4	1798.06	1 3/4	1994.07
2	9.42	2	188.75	2	391.88	2	597.07	2	800.04	2	1000.62	2	1201.32	2	1401.32	2	1601.32	2	1801.32	2	1997.34
2 1/4	10.81	2 1/4	191.02	2 1/4	396.15	2 1/4	601.29	2 1/4	804.32	2 1/4	1004.90	2 1/4	1205.60	2 1/4	1405.60	2 1/4	1605.60	2 1/4	1805.60	2 1/4	1999.62
2 1/2	12.74	2 1/2	195.28	2 1/2	400.43	2 1/2	605.51	2 1/2	808.61	2 1/2	1009.19	2 1/2	1209.88	2 1/2	1409.88	2 1/2	1609.88	2 1/2	1809.88	2 1/2	1999.90
3	14.68	3	199.58	3	404.71	3	609.73	3	812.80	3	1013.38	3	1214.06	3	1414.06	3	1614.06	3	1814.06	3	1999.90
3 1/4	16.82	3 1/4	203.83	3 1/4	408.92	3 1/4	613.95	3 1/4	816.17	3 1/4	1016.75	3 1/4	1217.43	3 1/4	1417.43	3 1/4	1617.43	3 1/4	1817.43	3 1/4	1999.90
3 1/2	18.56	3 1/2	208.10	3 1/2	413.28	3 1/2	618.17	3 1/2	821.45	3 1/2	1021.03	3 1/2	1221.71	3 1/2	1421.71	3 1/2	1621.71	3 1/2	1821.71	3 1/2	1999.90
4	21.05	4	212.37	4	417.66	4	622.39	4	825.74	4	1027.32	4	1227.90	4	1427.90	4	1627.90	4	1827.90	4	1999.90
4 1/4	23.54	4 1/4	216.63	4 1/4	421.84	4 1/4	626.51	4 1/4	829.02	4 1/4	1030.60	4 1/4	1231.18	4 1/4	1431.18	4 1/4	1631.18	4 1/4	1831.18	4 1/4	1999.90
4 1/2	28.58	4 1/2	220.80	4 1/2	426.13	4 1/2	630.84	4 1/2	832.00	4 1/2	1032.58	4 1/2	1233.16	4 1/2	1433.16	4 1/2	1633.16	4 1/2	1833.16	4 1/2	1999.90
4 3/4	31.57	4 3/4	225.11	4 3/4	430.41	4 3/4	635.06	4 3/4	833.58	4 3/4	1034.17	4 3/4	1234.75	4 3/4	1434.75	4 3/4	1634.75	4 3/4	1834.75	4 3/4	1999.90
5	34.82	5	229.44	5	434.69	5	639.28	5	834.58	5	1035.17	5	1235.75	5	1435.75	5	1635.75	5	1835.75	5	1999.90
5 1/4	37.68	5 1/4	233.71	5 1/4	438.97	5 1/4	643.50	5 1/4	837.15	5 1/4	1037.73	5 1/4	1238.31	5 1/4	1438.31	5 1/4	1638.31	5 1/4	1838.31	5 1/4	1999.90
5 1/2	40.71	5 1/2	237.98	5 1/2	443.26	5 1/2	647.72	5 1/2	841.43	5 1/2	1040.01	5 1/2	1240.59	5 1/2	1440.59	5 1/2	1640.59	5 1/2	1840.59	5 1/2	1999.90
5 3/4	44.31	5 3/4	242.25	5 3/4	447.54	5 3/4	651.94	5 3/4	845.70	5 3/4	1042.59	5 3/4	1243.17	5 3/4	1443.17	5 3/4	1643.17	5 3/4	1843.17	5 3/4	1999.90
6	47.91	6	246.52	6	451.82	6	656.16	6	849.97	6	1045.15	6	1245.73	6	1445.73	6	1645.73	6	1845.73	6	1999.90
6 1/4	51.51	6 1/4	250.78	6 1/4	456.11	6 1/4	660.38	6 1/4	854.28	6 1/4	1048.46	6 1/4	1249.04	6 1/4	1449.04	6 1/4	1649.04	6 1/4	1849.04	6 1/4	1999.90
6 1/2	55.11	6 1/2	255.03	6 1/2	460.39	6 1/2	664.60	6 1/2	858.58	6 1/2	1051.64	6 1/2	1252.22	6 1/2	1452.22	6 1/2	1652.22	6 1/2	1852.22	6 1/2	1999.90
6 3/4	58.83	6 3/4	259.33	6 3/4	464.67	6 3/4	668.82	6 3/4	862.87	6 3/4	1054.78	6 3/4	1254.36	6 3/4	1454.36	6 3/4	1654.36	6 3/4	1854.36	6 3/4	1999.90
7	62.58	7	263.60	7	468.95	7	673.04	7	867.13	7	1057.91	7	1256.94	7	1456.94	7	1656.94	7	1856.94	7	1999.90
7 1/4	66.28	7 1/4	267.88	7 1/4	473.24	7 1/4	677.26	7 1/4	871.42	7 1/4	1061.09	7 1/4	1260.11	7 1/4	1460.11	7 1/4	1660.11	7 1/4	1860.11	7 1/4	1999.90
7 1/2	69.98	7 1/2	272.10	7 1/2	477.52	7 1/2	681.49	7 1/2	875.70	7 1/2	1065.27	7 1/2	1264.29	7 1/2	1464.29	7 1/2	1664.29	7 1/2	1864.29	7 1/2	1999.90
7 3/4	73.78	7 3/4	276.30	7 3/4	481.80	7 3/4	685.71	7 3/4	880.02	7 3/4	1069.55	7 3/4	1268.51	7 3/4	1468.51	7 3/4	1668.51	7 3/4	1868.51	7 3/4	1999.90
8	78.78	8	280.67	8	486.07	8	690.02	8	884.28	8	1073.83	8	1272.52	8	1472.52	8	1672.52	8	1872.52	8	1999.90
8 1/4	83.20	8 1/4	284.94	8 1/4	490.32	8 1/4	694.15	8 1/4	888.58	8 1/4	1078.11	8 1/4	1276.80	8 1/4	1476.80	8 1/4	1676.80	8 1/4	1876.80	8 1/4	1999.90
8 1/2	88.20	8 1/2	289.21	8 1/2	494.65	8 1/2	698.37	8 1/2	892.83	8 1/2	1082.41	8 1/2	1280.98	8 1/2	1480.98	8 1/2	1680.98	8 1/2	1880.98	8 1/2	1999.90
8 3/4	92.01	8 3/4	293.48	8 3/4	498.94	8 3/4	702.59	8 3/4	907.11	8 3/4	1086.69	8 3/4	1285.16	8 3/4	1485.16	8 3/4	1685.16	8 3/4	1885.16	8 3/4	1999.90
9	98.42	9	302.90	9	503.22	9	706.81	9	915.68	9	1090.97	9	1289.44	9	1489.44	9	1689.44	9	1889.44	9	1999.90
9 1/4	100.82	9 1/4	306.26	9 1/4	507.50	9 1/4	710.83	9 1/4	919.95	9 1/4	1095.25	9 1/4	1293.70	9 1/4	1493.70	9 1/4	1693.70	9 1/4	1893.70	9 1/4	1999.90
9 1/2	105.23	9 1/2	310.52	9 1/2	511.78	9 1/2	715.25	9 1/2	924.24	9 1/2	1100.51	9 1/2	1297.96	9 1/2	1497.96	9 1/2	1697.96	9 1/2	1897.96	9 1/2	1999.90
9 3/4	109.63	9 3/4	314.77	9 3/4	516.07	9 3/4	719.47	9 3/4	928.53	9 3/4	1105.78	9 3/4	1302.22	9 3/4	1502.22	9 3/4	1702.22	9 3/4	1902.22	9 3/4	1999.90
10	114.04	10	318.05	10	520.33	10	723.69	10	932.81	10	1110.94	10	1306.41	10	1506.41	10	1706.41	10	1906.41	10	1999.90
10 1/4	118.44	10 1/4	322.34	10 1/4	524.63	10 1/4	727.91	10 1/4	937.09	10 1/4	1116.21	10 1/4	1311.68	10 1/4	1511.68	10 1/4	1711.68	10 1/4	1911.68	10 1/4	1999.90
10 1/2	122.71	10 1/2	326.62	10 1/2	528.92	10 1/2	732.13	10 1/2	941.38	10 1/2	1121.48	10 1/2	1316.96	10 1/2	1516.96	10 1/2	1716.96	10 1/2	1916.96	10 1/2	1999.90
10 3/4	126.98	10 3/4	330.91	10 3/4	533.20	10 3/4	736.36	10 3/4	945.66	10 3/4	1126.73	10 3/4	1322.24	10 3/4	1522.24	10 3/4	1722.24	10 3/4	1922.24	10 3/4	1999.90
11	131.25	11	335.18	11	537.48	11	740.58	11	949.94	11	1131.98	11	1327.51	11	1527.51	11	1727.51	11	1927.51	11	1999.90
11 1/4	135.52	11 1/4	340.47	11 1/4	541.78	11 1/4	744.80	11 1/4	954.22	11 1/4	1137.21	11 1/4	1332.74	11 1/4	1532.74	11 1/4	1732.74	11 1/4	1932.74	11 1/4	1999.90
11 1/2	139.78	11 1/2	344.75	11 1/2	546.05	11 1/2	749.02	11 1/2	958.51	11 1/2	1142.44	11 1/2	1338.16	11 1/2	1538.16	11 1/2	1738.16	11 1/2	1938.16	11 1/2	1999.90
11 3/4	144.06	11 3/4	349.03	11 3/4	550.33	11 3/4	753.24	11 3/4	962.78	11 3/4	1147.67	11 3/4	1343.59	11 3/4	1543.59	11 3/4	1743.59	11 3/4	1943.59	11 3/4	1999.90
12	148.33	12	353.32	12</																	

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4364
 PASADENA, TEXAS 77502

BARGE "JPW 159"

CTCO 3008

**4 PORT
 INNAUGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT = 16'-5"

IN.	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.	
	Q.	N.	Q.	N.	Q.	N.	Q.	N.	Q.	N.
0	1,868.35	0	2,123.00	0	2,278.07	0	2,433.13	0	2,578.08	
1/4	1,871.44	1/4	2,126.23	1/4	2,281.30	1/4	2,436.36	1/4	2,581.00	
1/2	1,874.54	1/2	2,129.47	1/2	2,284.53	1/2	2,439.59	1/2	2,583.97	
3/4	1,877.63	3/4	2,132.70	3/4	2,287.76	3/4	2,442.82	3/4	2,586.98	
1	1,880.88	1	2,135.93	1	2,290.99	1	2,446.05	1	2,589.98	
1 1/4	1,884.08	1 1/4	2,139.18	1 1/4	2,294.22	1 1/4	2,449.28	1 1/4	2,592.79	
1 1/2	1,887.32	1 1/2	2,142.38	1 1/2	2,297.45	1 1/2	2,452.52	1 1/2	2,595.39	
1 3/4	1,890.55	1 3/4	2,145.62	1 3/4	2,300.68	1 3/4	2,455.75	1 3/4	2,598.61	
2	1,893.78	2	2,148.85	2	2,303.91	2	2,458.98	2	2,601.83	
2 1/4	1,897.01	2 1/4	2,152.08	2 1/4	2,307.14	2 1/4	2,462.21	2 1/4	2,603.05	
2 1/2	2,000.25	2 1/2	2,155.31	2 1/2	2,310.37	2 1/2	2,465.44	2 1/2	2,604.27	
2 3/4	2,003.48	2 3/4	2,158.54	2 3/4	2,313.60	2 3/4	2,468.67	2 3/4	2,606.17	
3	2,006.71	3	2,161.77	3	2,316.83	3	2,471.90	3	2,608.07	
3 1/4	2,009.94	3 1/4	2,165.00	3 1/4	2,320.06	3 1/4	2,475.13	3 1/4	2,610.99	
3 1/2	2,013.17	3 1/2	2,168.23	3 1/2	2,323.30	3 1/2	2,478.36	3 1/2	2,613.86	
3 3/4	2,016.40	3 3/4	2,171.46	3 3/4	2,326.53	3 3/4	2,481.59	3 3/4	2,616.71	
4	2,019.63	4	2,174.69	4	2,329.76	4	2,484.82	4	2,619.58	
1/4	2,022.86	1/4	2,177.92	1/4	2,332.99	1/4	2,488.05	1/4	2,622.45	
1/2	2,026.09	1/2	2,181.15	1/2	2,336.22	1/2	2,491.28			
3/4	2,029.32	3/4	2,184.38	3/4	2,339.45	3/4	2,494.51			
1	2,032.55	1	2,187.61	1	2,342.68	1	2,497.74			
1 1/4	2,035.78	1 1/4	2,190.84	1 1/4	2,345.91	1 1/4	2,500.97			
1 1/2	2,039.01	1 1/2	2,194.08	1 1/2	2,349.14	1 1/2	2,504.20			
1 3/4	2,042.24	1 3/4	2,197.31	1 3/4	2,352.37	1 3/4	2,507.43			
2	2,045.47	2	2,200.54	2	2,355.60	2	2,510.66			
2 1/4	2,048.70	2 1/4	2,203.77	2 1/4	2,358.83	2 1/4	2,513.89			
2 1/2	2,051.93	2 1/2	2,207.00	2 1/2	2,362.06	2 1/2	2,517.12			
2 3/4	2,055.16	2 3/4	2,210.23	2 3/4	2,365.29	2 3/4	2,520.35			
3	2,058.39	3	2,213.46	3	2,368.52	3	2,523.58			
3 1/4	2,061.62	3 1/4	2,216.69	3 1/4	2,371.75	3 1/4	2,526.81			
3 1/2	2,064.85	3 1/2	2,219.92	3 1/2	2,374.98	3 1/2	2,530.04			
3 3/4	2,068.08	3 3/4	2,223.15	3 3/4	2,378.21	3 3/4	2,533.27			
4	2,071.32	4	2,226.38	4	2,381.44	4	2,536.50			
1/4	2,074.55	1/4	2,229.61	1/4	2,384.67	1/4	2,539.73			
1/2	2,077.78	1/2	2,232.84	1/2	2,387.91	1/2	2,542.96			
3/4	2,081.01	3/4	2,236.07	3/4	2,391.14	3/4	2,546.19			
1	2,084.24	1	2,239.30	1	2,394.37	1	2,549.42			
1 1/4	2,087.47	1 1/4	2,242.53	1 1/4	2,397.60	1 1/4	2,552.65			
1 1/2	2,090.70	1 1/2	2,245.76	1 1/2	2,400.83	1 1/2	2,555.88			
1 3/4	2,093.93	1 3/4	2,248.99	1 3/4	2,404.06	1 3/4	2,559.11			
2	2,097.16	2	2,252.22	2	2,407.29	2	2,562.34			
2 1/4	2,100.39	2 1/4	2,255.45	2 1/4	2,410.52	2 1/4	2,565.57			
2 1/2	2,103.62	2 1/2	2,258.68	2 1/2	2,413.75	2 1/2	2,568.80			
2 3/4	2,106.85	2 3/4	2,261.92	2 3/4	2,416.98	2 3/4	2,572.03			
3	2,110.08	3	2,265.15	3	2,420.21	3	2,575.26			
3 1/4	2,113.31	3 1/4	2,268.38	3 1/4	2,423.44	3 1/4	2,578.49			
3 1/2	2,116.54	3 1/2	2,271.61	3 1/2	2,426.67	3 1/2	2,581.72			
3 3/4	2,119.77	3 3/4	2,274.84	3 3/4	2,429.90	3 3/4	2,584.95			

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

SAYBOLT INC.
Spencer Walker

SAYBOLT INC.
GULF COAST HEADQUARTERS
P. O. BOX 4384
PASADENA, TEXAS 77502

BARGE "JPW 159"

4 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

OTCO 3006

GAUGE HEIGHT = 16'-5 1/8"

IN.	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08
1/4	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89	1.89
1/2	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70
3/4	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51
1	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32
1 1/4	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13	5.13
1 1/2	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94	5.94
1 3/4	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75
2	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56
2 1/4	8.37	8.37	8.37	8.37	8.37	8.37	8.37	8.37	8.37	8.37
2 1/2	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18	9.18
2 3/4	9.99	9.99	9.99	9.99	9.99	9.99	9.99	9.99	9.99	9.99
3	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80	10.80
3 1/4	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61	11.61
3 1/2	12.42	12.42	12.42	12.42	12.42	12.42	12.42	12.42	12.42	12.42
3 3/4	13.23	13.23	13.23	13.23	13.23	13.23	13.23	13.23	13.23	13.23
4	14.04	14.04	14.04	14.04	14.04	14.04	14.04	14.04	14.04	14.04
4 1/4	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85	14.85
4 1/2	15.66	15.66	15.66	15.66	15.66	15.66	15.66	15.66	15.66	15.66
4 3/4	16.47	16.47	16.47	16.47	16.47	16.47	16.47	16.47	16.47	16.47
5	17.28	17.28	17.28	17.28	17.28	17.28	17.28	17.28	17.28	17.28
5 1/4	18.09	18.09	18.09	18.09	18.09	18.09	18.09	18.09	18.09	18.09
5 1/2	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90	18.90
5 3/4	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71	19.71
6	20.52	20.52	20.52	20.52	20.52	20.52	20.52	20.52	20.52	20.52
6 1/4	21.33	21.33	21.33	21.33	21.33	21.33	21.33	21.33	21.33	21.33
6 1/2	22.14	22.14	22.14	22.14	22.14	22.14	22.14	22.14	22.14	22.14
6 3/4	22.95	22.95	22.95	22.95	22.95	22.95	22.95	22.95	22.95	22.95
7	23.76	23.76	23.76	23.76	23.76	23.76	23.76	23.76	23.76	23.76
7 1/4	24.57	24.57	24.57	24.57	24.57	24.57	24.57	24.57	24.57	24.57
7 1/2	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38	25.38
7 3/4	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19
8	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00
8 1/4	27.81	27.81	27.81	27.81	27.81	27.81	27.81	27.81	27.81	27.81
8 1/2	28.62	28.62	28.62	28.62	28.62	28.62	28.62	28.62	28.62	28.62
8 3/4	29.43	29.43	29.43	29.43	29.43	29.43	29.43	29.43	29.43	29.43
9	30.24	30.24	30.24	30.24	30.24	30.24	30.24	30.24	30.24	30.24
9 1/4	31.05	31.05	31.05	31.05	31.05	31.05	31.05	31.05	31.05	31.05
9 1/2	31.86	31.86	31.86	31.86	31.86	31.86	31.86	31.86	31.86	31.86
9 3/4	32.67	32.67	32.67	32.67	32.67	32.67	32.67	32.67	32.67	32.67
10	33.48	33.48	33.48	33.48	33.48	33.48	33.48	33.48	33.48	33.48
10 1/4	34.29	34.29	34.29	34.29	34.29	34.29	34.29	34.29	34.29	34.29
10 1/2	35.10	35.10	35.10	35.10	35.10	35.10	35.10	35.10	35.10	35.10
10 3/4	35.91	35.91	35.91	35.91	35.91	35.91	35.91	35.91	35.91	35.91
11	36.72	36.72	36.72	36.72	36.72	36.72	36.72	36.72	36.72	36.72
11 1/4	37.53	37.53	37.53	37.53	37.53	37.53	37.53	37.53	37.53	37.53
11 1/2	38.34	38.34	38.34	38.34	38.34	38.34	38.34	38.34	38.34	38.34
11 3/4	39.15	39.15	39.15	39.15	39.15	39.15	39.15	39.15	39.15	39.15
12	39.96	39.96	39.96	39.96	39.96	39.96	39.96	39.96	39.96	39.96
12 1/4	40.77	40.77	40.77	40.77	40.77	40.77	40.77	40.77	40.77	40.77
12 1/2	41.58	41.58	41.58	41.58	41.58	41.58	41.58	41.58	41.58	41.58
12 3/4	42.39	42.39	42.39	42.39	42.39	42.39	42.39	42.39	42.39	42.39
13	43.20	43.20	43.20	43.20	43.20	43.20	43.20	43.20	43.20	43.20
13 1/4	44.01	44.01	44.01	44.01	44.01	44.01	44.01	44.01	44.01	44.01
13 1/2	44.82	44.82	44.82	44.82	44.82	44.82	44.82	44.82	44.82	44.82
13 3/4	45.63	45.63	45.63	45.63	45.63	45.63	45.63	45.63	45.63	45.63
14	46.44	46.44	46.44	46.44	46.44	46.44	46.44	46.44	46.44	46.44
14 1/4	47.25	47.25	47.25	47.25	47.25	47.25	47.25	47.25	47.25	47.25
14 1/2	48.06	48.06	48.06	48.06	48.06	48.06	48.06	48.06	48.06	48.06
14 3/4	48.87	48.87	48.87	48.87	48.87	48.87	48.87	48.87	48.87	48.87
15	49.68	49.68	49.68	49.68	49.68	49.68	49.68	49.68	49.68	49.68
15 1/4	50.49	50.49	50.49	50.49	50.49	50.49	50.49	50.49	50.49	50.49
15 1/2	51.30	51.30	51.30	51.30	51.30	51.30	51.30	51.30	51.30	51.30
15 3/4	52.11	52.11	52.11	52.11	52.11	52.11	52.11	52.11	52.11	52.11
16	52.92	52.92	52.92	52.92	52.92	52.92	52.92	52.92	52.92	52.92
16 1/4	53.73	53.73	53.73	53.73	53.73	53.73	53.73	53.73	53.73	53.73
16 1/2	54.54	54.54	54.54	54.54	54.54	54.54	54.54	54.54	54.54	54.54
16 3/4	55.35	55.35	55.35	55.35	55.35	55.35	55.35	55.35	55.35	55.35
17	56.16	56.16	56.16	56.16	56.16	56.16	56.16	56.16	56.16	56.16
17 1/4	56.97	56.97	56.97	56.97	56.97	56.97	56.97	56.97	56.97	56.97
17 1/2	57.78	57.78	57.78	57.78	57.78	57.78	57.78	57.78	57.78	57.78
17 3/4	58.59	58.59	58.59	58.59	58.59	58.59	58.59	58.59	58.59	58.59
18	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40	59.40
18 1/4	60.21	60.21	60.21	60.21	60.21	60.21	60.21	60.21	60.21	60.21
18 1/2	61.02	61.02	61.02	61.02	61.02	61.02	61.02	61.02	61.02	61.02
18 3/4	61.83	61.83	61.83	61.83	61.83	61.83	61.83	61.83	61.83	61.83
19	62.64	62.64	62.64	62.64	62.64	62.64	62.64	62.64	62.64	62.64
19 1/4	63.45	63.45	63.45	63.45	63.45	63.45	63.45	63.45	63.45	63.45
19 1/2	64.26	64.26	64.26	64.26	64.26	64.26	64.26	64.26	64.26	64.26
19 3/4	65.07	65.07	65.07	65.07	65.07	65.07	65.07	65.07	65.07	65.07
20	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88	65.88
20 1/4	66.69	66.69	66.69	66.69	66.69	66.69	66.69	66.69	66.69	66.69
20 1/2	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50	67.50
20 3/4	68.31	68.31	68.31	68.31	68.31	68.31	68.31	68.31	68.31	68.31
21	69.12	69.12	69.12	69.12	69.12	69.12	69.12	69.12	69.12	69.12
21 1/4	69.93	69.93	69.93	69.93	69.93	69.93	69.93	69.93	69.93	69.93
21 1/2	70.74	70.74	70.74	70.74	70.74	70.74	70.74	70.74	70.74	70.74
21 3/4	71.55	71.55	71.55	71.55	71.55	71.55	71.55	71.55	71.55	71.55
22	72.36	72.36	72.36	72.36	72.36	72.36	72.36	72.36	72.36	72.36
22 1/4	73.17	73.17	73.17	73.17	73.17	73.17	73.17	73.17	73.17	73.17
22 1/2	73.98	73.98	73.98	73.98	73.98	73.98	73.98	73.98	73.98	73.98
22 3/4	74.79	74.79	74.79	74.79	74.79	74.79	74.79	74.79	74.79	74.79
23	75.60	75.60	75.60	75.60	75.60	75.60	75.60	75.60	75.60	75.60
23 1/4	76.41	76.41	76.41	76.41	76.41	76.41	76.41	76.41	76.41	76.41
23 1/2	77.22	77.22	77.22	77						

SAYBOLT INC.
 GULF COAST HEADQUARTERS
 P. O. BOX 4384
 PASADENA, TEXAS 77502

BARGE "JPW 159"

OTCO 3006

**4 STBD
 INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT = 16'-5" I.B.

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	1813.83	0	2064.10	0	2244.98	0	2395.86	0	2507.92
1/4	1816.64	1/4	2067.25	1/4	2248.12	1/4	2399.00	1/4	2509.74
1/2	1819.55	1/2	2070.39	1/2	2251.27	1/2	2402.15	1/2	2511.66
3/4	1822.65	3/4	2073.53	3/4	2254.41	3/4	2404.58	3/4	2513.22
1	1825.80	1	2076.68	1	2257.56	1	2407.01	1	2514.78
1 1/4	1829.04	1 1/4	2079.82	1 1/4	2260.70	1 1/4	2409.44	1 1/4	2516.34
1 1/2	1832.38	1 1/2	2082.96	1 1/2	2263.84	1 1/2	2411.87	1 1/2	2517.80
1 3/4	1835.73	1 3/4	2086.11	1 3/4	2266.98	1 3/4	2414.30	1 3/4	2519.26
2	1839.07	2	2089.25	2	2270.13	2	2416.73	2	2520.72
2 1/4	1842.51	2 1/4	2092.39	2 1/4	2273.27	2 1/4	2419.16	2 1/4	2522.18
2 1/2	1845.96	2 1/2	2095.54	2 1/2	2276.41	2 1/2	2421.59	2 1/2	2523.65
2 3/4	1849.40	2 3/4	2098.68	2 3/4	2279.56	2 3/4	2424.02	2 3/4	2525.11
3	1852.84	3	2101.82	3	2282.70	3	2426.45	3	2526.57
3 1/4	1856.29	3 1/4	2104.97	3 1/4	2285.84	3 1/4	2428.88	3 1/4	2528.03
3 1/2	1859.73	3 1/2	2108.11	3 1/2	2288.98	3 1/2	2431.31	3 1/2	2529.49
3 3/4	1863.18	3 3/4	2111.26	3 3/4	2292.13	3 3/4	2433.74	3 3/4	2530.95
4	1866.62	4	2114.40	4	2295.27	4	2436.17	4	2532.41
4 1/4	1870.06	4 1/4	2117.54	4 1/4	2298.42	4 1/4	2438.60	4 1/4	2533.87
4 1/2	1873.50	4 1/2	2120.68	4 1/2	2301.56	4 1/2	2441.03	4 1/2	2535.33
4 3/4	1876.94	4 3/4	2123.83	4 3/4	2304.70	4 3/4	2443.46	4 3/4	2536.79
5	1880.38	5	2126.97	5	2307.85	5	2445.89	5	2538.25
5 1/4	1883.82	5 1/4	2130.11	5 1/4	2310.99	5 1/4	2448.32	5 1/4	2539.71
5 1/2	1887.26	5 1/2	2133.26	5 1/2	2314.13	5 1/2	2450.75	5 1/2	2541.17
5 3/4	1890.70	5 3/4	2136.40	5 3/4	2317.28	5 3/4	2453.18	5 3/4	2542.63
6	1894.14	6	2139.54	6	2320.42	6	2455.61	6	2544.09
6 1/4	1897.58	6 1/4	2142.69	6 1/4	2323.56	6 1/4	2458.04	6 1/4	2545.55
6 1/2	1901.02	6 1/2	2145.83	6 1/2	2326.70	6 1/2	2460.47	6 1/2	2547.01
6 3/4	1904.46	6 3/4	2148.97	6 3/4	2329.85	6 3/4	2462.90	6 3/4	2548.47
7	1907.90	7	2152.12	7	2332.99	7	2465.33	7	2549.93
7 1/4	1911.34	7 1/4	2155.26	7 1/4	2336.14	7 1/4	2467.76	7 1/4	2551.39
7 1/2	1914.78	7 1/2	2158.40	7 1/2	2339.28	7 1/2	2470.19	7 1/2	2552.85
7 3/4	1918.22	7 3/4	2161.54	7 3/4	2342.42	7 3/4	2472.62	7 3/4	2554.31
8	1921.66	8	2164.68	8	2345.56	8	2475.05	8	2555.77
8 1/4	1925.10	8 1/4	2167.83	8 1/4	2348.70	8 1/4	2477.48	8 1/4	2557.23
8 1/2	1928.54	8 1/2	2170.97	8 1/2	2351.84	8 1/2	2479.91	8 1/2	2558.69
8 3/4	1931.98	8 3/4	2174.12	8 3/4	2354.98	8 3/4	2482.34	8 3/4	2560.15
9	1935.42	9	2177.26	9	2358.12	9	2484.77	9	2561.61
9 1/4	1938.86	9 1/4	2180.41	9 1/4	2361.26	9 1/4	2487.20	9 1/4	2563.07
9 1/2	1942.30	9 1/2	2183.55	9 1/2	2364.40	9 1/2	2489.63	9 1/2	2564.53
9 3/4	1945.74	9 3/4	2186.69	9 3/4	2367.54	9 3/4	2492.06	9 3/4	2565.99
10	1949.18	10	2189.84	10	2370.68	10	2494.49	10	2567.45
10 1/4	1952.62	10 1/4	2192.98	10 1/4	2373.82	10 1/4	2496.92	10 1/4	2568.91
10 1/2	1956.06	10 1/2	2196.12	10 1/2	2376.96	10 1/2	2499.35	10 1/2	2570.37
10 3/4	1959.50	10 3/4	2199.27	10 3/4	2380.10	10 3/4	2501.78	10 3/4	2571.83
11	1962.94	11	2202.41	11	2383.24	11	2504.21	11	2573.29
11 1/4	1966.38	11 1/4	2205.55	11 1/4	2386.38	11 1/4	2506.64	11 1/4	2574.75
11 1/2	1969.82	11 1/2	2208.69	11 1/2	2389.52	11 1/2	2509.07	11 1/2	2576.21
11 3/4	1973.26	11 3/4	2211.84	11 3/4	2392.66	11 3/4	2511.50	11 3/4	2577.67

NEW GAUGE HEIGHTS AND LOCATIONS TAKEN BY: JA 2/10/83
 STRAPPED BY: BC-PD 12/23/80
 RECOMPUTED BY: LW 2/12/83
 RECHECKED BY: LW 2/12/83

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

SAYBOLT INC.
By: Lynn Wallace