

EMS 3041B

Enterprise Marine Services LLC



INNAGE TRIM TABLE

FORMERLY "CTCO 3013

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 PORT	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4
3 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 259'-06"

July 14, 2008

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



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

FORMERLY "CTCO 3013"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
0	14.00	0	387.77	0	784.48	0	1,181.43	0	1,578.64	0	1,975.85	0	2,373.06	0	2,770.27	0	3,167.48	0	3,564.69		
1/4	19.02	1/4	396.05	1/4	792.73	1/4	1,189.71	1/4	1,586.92	1/4	1,984.13	1/4	2,381.34	1/4	2,778.55	1/4	3,175.76	1/4	3,572.97	1/4	3,970.18
1/2	24.05	1/2	404.32	1/2	800.99	1/2	1,197.98	1/2	1,595.19	1/2	1,992.40	1/2	2,389.61	1/2	2,786.82	1/2	3,184.03	1/2	3,581.24	1/2	3,978.45
3/4	29.07	3/4	412.60	3/4	809.24	3/4	1,206.26	3/4	1,603.47	3/4	2,000.68	3/4	2,397.89	3/4	2,795.10	3/4	3,192.31	3/4	3,589.52	3/4	3,986.73
1	34.09	1	420.87	1	817.49	1	1,214.53	1	1,611.74	1	2,008.95	1	2,406.16	1	2,803.37	1	3,200.58	1	3,597.79	1	3,995.00
1/4	41.19	1/4	429.15	1/4	825.74	1/4	1,222.81	1/4	1,620.02	1/4	2,017.23	1/4	2,414.44	1/4	2,811.65	1/4	3,208.86	1/4	3,606.07	1/4	3,999.28
1/2	48.28	1/2	437.40	1/2	834.00	1/2	1,231.08	1/2	1,628.29	1/2	2,025.50	1/2	2,422.71	1/2	2,819.92	1/2	3,217.13	1/2	3,614.34	1/2	3,999.55
3/4	55.38	3/4	445.69	3/4	842.25	3/4	1,239.36	3/4	1,636.57	3/4	2,033.78	3/4	2,430.99	3/4	2,828.20	3/4	3,225.41	3/4	3,622.62	3/4	3,999.82
2	62.47	2	453.97	2	850.50	2	1,247.63	2	1,644.84	2	2,042.05	2	2,439.26	2	2,836.47	2	3,233.68	2	3,630.89	2	3,999.99
1/4	70.75	1/4	462.24	1/4	858.76	1/4	1,256.91	1/4	1,653.12	1/4	2,050.33	1/4	2,447.54	1/4	2,844.75	1/4	3,241.96	1/4	3,639.17	1/4	3,999.99
1/2	79.02	1/2	470.52	1/2	867.03	1/2	1,264.18	1/2	1,661.39	1/2	2,058.60	1/2	2,455.81	1/2	2,853.02	1/2	3,250.23	1/2	3,647.44	1/2	3,999.99
3/4	87.30	3/4	478.79	3/4	875.29	3/4	1,272.46	3/4	1,669.67	3/4	2,066.88	3/4	2,464.09	3/4	2,861.30	3/4	3,258.51	3/4	3,655.72	3/4	3,999.99
3	95.57	3	487.07	3	883.55	3	1,280.73	3	1,677.94	3	2,075.15	3	2,472.36	3	2,869.57	3	3,266.78	3	3,663.99	3	3,999.99
1/4	103.83	1/4	496.34	1/4	891.82	1/4	1,289.01	1/4	1,686.22	1/4	2,083.43	1/4	2,480.64	1/4	2,877.85	1/4	3,275.06	1/4	3,672.27	1/4	3,999.99
1/2	112.09	1/2	503.62	1/2	900.09	1/2	1,297.28	1/2	1,694.49	1/2	2,091.70	1/2	2,488.91	1/2	2,886.12	1/2	3,283.33	1/2	3,680.54	1/2	3,999.99
3/4	120.34	3/4	511.89	3/4	908.36	3/4	1,306.56	3/4	1,702.77	3/4	2,099.98	3/4	2,497.19	3/4	2,894.40	3/4	3,291.61	3/4	3,688.82	3/4	3,999.99
4	128.60	4	520.17	4	916.83	4	1,313.83	4	1,711.04	4	2,108.25	4	2,505.46	4	2,902.67	4	3,299.88	4	3,697.09	4	3,999.99
1/4	136.85	1/4	528.44	1/4	924.90	1/4	1,322.11	1/4	1,719.32	1/4	2,116.53	1/4	2,513.74	1/4	2,910.95	1/4	3,308.16	1/4	3,705.37	1/4	3,999.99
1/2	145.10	1/2	536.72	1/2	933.18	1/2	1,330.38	1/2	1,727.59	1/2	2,124.80	1/2	2,522.02	1/2	2,919.22	1/2	3,316.42	1/2	3,713.64	1/2	3,999.99
3/4	153.35	3/4	544.99	3/4	941.45	3/4	1,338.66	3/4	1,735.87	3/4	2,133.08	3/4	2,530.30	3/4	2,927.50	3/4	3,324.69	3/4	3,721.92	3/4	3,999.99
5	161.60	5	553.27	5	949.72	5	1,346.93	5	1,744.14	5	2,141.35	5	2,538.58	5	2,936.77	5	3,332.96	5	3,730.19	5	3,999.99
1/4	169.85	1/4	561.54	1/4	958.00	1/4	1,355.21	1/4	1,752.42	1/4	2,149.63	1/4	2,546.85	1/4	2,944.05	1/4	3,341.24	1/4	3,738.47	1/4	3,999.99
1/2	178.10	1/2	569.82	1/2	966.27	1/2	1,363.48	1/2	1,760.69	1/2	2,160.90	1/2	2,556.12	1/2	2,962.32	1/2	3,349.52	1/2	3,746.74	1/2	3,999.99
3/4	186.34	3/4	578.09	3/4	974.55	3/4	1,371.76	3/4	1,768.97	3/4	2,166.18	3/4	2,563.39	3/4	2,969.60	3/4	3,357.80	3/4	3,755.02	3/4	3,999.99
6	194.59	6	586.37	6	982.82	6	1,380.03	6	1,777.24	6	2,174.45	6	2,571.66	6	2,968.87	6	3,366.08	6	3,763.29	6	3,999.99
1/4	202.44	1/4	594.63	1/4	991.10	1/4	1,388.31	1/4	1,785.52	1/4	2,182.73	1/4	2,579.94	1/4	2,977.15	1/4	3,374.35	1/4	3,771.57	1/4	3,999.99
1/2	210.28	1/2	602.89	1/2	999.37	1/2	1,396.58	1/2	1,793.79	1/2	2,191.00	1/2	2,588.21	1/2	2,985.42	1/2	3,382.62	1/2	3,779.84	1/2	3,999.99
3/4	218.13	3/4	611.16	3/4	1,007.65	3/4	1,404.86	3/4	1,802.07	3/4	2,199.28	3/4	2,596.49	3/4	2,993.70	3/4	3,390.89	3/4	3,788.12	3/4	3,999.99
7	225.97	7	619.42	7	1,015.92	7	1,413.13	7	1,810.34	7	2,207.55	7	2,604.76	7	3,001.97	7	3,399.16	7	3,796.39	7	3,999.99
1/4	233.57	1/4	627.67	1/4	1,024.20	1/4	1,421.41	1/4	1,818.62	1/4	2,215.83	1/4	2,613.04	1/4	3,010.25	1/4	3,407.44	1/4	3,804.59	1/4	3,999.99
1/2	241.17	1/2	635.92	1/2	1,032.47	1/2	1,429.68	1/2	1,826.89	1/2	2,224.10	1/2	2,621.31	1/2	3,018.52	1/2	3,415.72	1/2	3,812.99	1/2	3,999.99
3/4	248.77	3/4	644.18	3/4	1,040.75	3/4	1,437.96	3/4	1,836.17	3/4	2,232.38	3/4	2,629.59	3/4	3,026.80	3/4	3,424.00	3/4	3,820.99	3/4	3,999.99
8	256.37	8	652.43	8	1,049.02	8	1,446.23	8	1,843.44	8	2,240.55	8	2,637.86	8	3,036.07	8	3,432.28	8	3,829.19	8	3,999.99
1/4	254.39	1/4	660.68	1/4	1,057.30	1/4	1,454.51	1/4	1,851.72	1/4	2,248.33	1/4	2,646.14	1/4	3,043.35	1/4	3,440.56	1/4	3,836.86	1/4	3,999.99
1/2	272.42	1/2	668.94	1/2	1,066.58	1/2	1,462.78	1/2	1,860.99	1/2	2,257.20	1/2	2,654.41	1/2	3,051.62	1/2	3,448.83	1/2	3,844.52	1/2	3,999.99
3/4	280.44	3/4	677.19	3/4	1,073.85	3/4	1,471.06	3/4	1,868.27	3/4	2,265.48	3/4	2,662.69	3/4	3,059.90	3/4	3,457.11	3/4	3,852.19	3/4	3,999.99
9	288.46	9	685.44	9	1,082.13	9	1,479.33	9	1,876.54	9	2,273.75	9	2,670.96	9	3,068.17	9	3,465.38	9	3,859.85	9	3,999.99
1/4	296.74	1/4	693.69	1/4	1,090.41	1/4	1,487.61	1/4	1,884.82	1/4	2,282.03	1/4	2,679.24	1/4	3,076.45	1/4	3,473.66	1/4	3,867.82	1/4	3,999.99
1/2	305.01	1/2	701.95	1/2	1,098.68	1/2	1,495.89	1/2	1,893.10	1/2	2,290.30	1/2	2,687.51	1/2	3,084.72	1/2	3,481.93	1/2	3,875.19	1/2	3,999.99
3/4	313.29	3/4	710.20	3/4	1,106.96	3/4	1,504.16	3/4	1,901.37	3/4	2,298.58	3/4	2,696.79	3/4	3,090.21	3/4	3,490.21	3/4	3,882.86	3/4	3,999.99
10	321.56	10	718.45	10	1,115.23	10	1,512.44	10	1,909.55	10	2,306.85	10	2,704.06	10	3,101.27	10	3,498.48	10	3,890.82	10	3,999.99
1/4	329.84	1/4	726.71	1/4	1,123.51	1/4	1,520.72	1/4	1,917.93	1/4	2,315.13	1/4	2,712.34	1/4	3,109.55	1/4	3,506.76	1/4	3,899.19	1/4	3,999.99
1/2	338.12	1/2	734.96	1/2	1,131.78	1/2	1,528.99	1/2	1,926.20	1/2	2,323.41	1/2	2,720.62	1/2	3,117.82	1/2	3,515.03	1/2	3,905.86	1/2	3,999.99
3/4	346.39	3/4	743.22	3/4	1,140.06	3/4	1,537.27	3/4	1,934.48	3/4	2,331.68	3/4	2,728.89	3/4	3,126.10	3/4	3,533.31	3/4	3,913.62	3/4	3,999.99
11	354.57	11	751.47	11	1,148.33	11	1,546.54	11	1,942.75	11	2,339.96	11	2,737.17	11	3,134.37	11	3,531.58	11	3,921.19	11	3,999.99
1/4	362.95	1/4	759.72	1/4	1,156.61	1/4	1,553.82	1/4	1,951.03	1/4	2,348.24	1/4	2,745.45	1/4	3,142.65	1/4	3,539.86	1/4	3,928.86	1/4	3,999.99
1/2	371.22	1/2	767.98	1/2	1,164.88	1/2	1,562.09	1/2	1,959.30	1/2	2,356.51	1/2	2,753.72	1/2	3,150.93	1/2	3,548.14	1/2	3,936.53	1/2	3,999.99
3/4	379.50	3/4	776.23	3/4	1,173.16	3/4	1,570.37	3/4	1,967.58	3/4	2,364.79	3/4	2,762.00	3/4	3,159.20	3/4	3,556.41	3/4	3,944.19	3/4	3,999.99

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN @ 2" GAUGE PIPE.

GAUGE POINT: (2" GAUGE PIPE) LOCATED 11'-00" OFF CENTERLINE AND 44'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pasadena, Texas 77588

<http://www.pmaacorp.net>



EMS 3041B

Enterprise Marine Services LLC

1 PORT

INNAGE TABLE

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

FORMERLY "CTCO 3013"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0	3,951.86	0	4,319.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	3,959.53	1/4	4,327.54	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
1/2	3,967.20	1/2	4,335.21	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
3/4	3,974.86	3/4	4,342.87	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
1	3,982.53	1	4,350.54	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	3,990.20	1/4	4,358.21	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
1/2	3,997.86	1/2	4,365.87	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
3/4	4,005.53	3/4	4,373.54	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
2	4,013.19	2	4,381.20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	4,020.86	1/4	4,388.87	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
1/2	4,028.53	1/2	4,396.54	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
3/4	4,036.19	3/4	4,404.20	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	4,043.86	3	4,411.87	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	4,051.53	1/4	4,419.54	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
1/2	4,059.20	1/2	4,427.21	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
3/4	4,066.86	3/4	4,434.87	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
4	4,074.53	4	4,442.54	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	4,082.20	1/4	4,450.21	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
1/2	4,089.87	1/2	4,457.88	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
3/4	4,097.53	3/4	4,465.54	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
5	4,105.20	5	4,473.21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	4,112.87	1/4	4,480.88	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
1/2	4,120.53	1/2	4,488.54	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
3/4	4,128.20	3/4	4,496.21	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
6	4,135.86	6	4,503.87	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	4,143.53	1/4	4,511.54	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
1/2	4,151.20	1/2	4,519.21	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
3/4	4,158.86	3/4	4,526.87	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
7	4,166.53	7	4,534.54	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	4,174.20	1/4	4,542.13	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
1/2	4,181.87	1/2	4,549.72	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
3/4	4,189.53	3/4	4,557.30	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
8	4,197.20	8	4,564.89	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	4,204.87	1/4	4,571.76	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
1/2	4,212.54	1/2	4,578.63	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
3/4	4,220.20	3/4	4,585.49	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
9	4,227.87	9	4,592.36	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	4,235.54	1/4	4,597.96	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
1/2	4,243.20	1/2	4,603.64	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
3/4	4,250.87	3/4	4,609.13	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
10	4,258.53	10	4,614.72	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	4,266.20	1/4	4,619.19	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
1/2	4,273.87	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
3/4	4,281.53	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	4,289.20	11		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	4,296.87	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
1/2	4,304.54	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
3/4	4,312.20	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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/1998 EWS
DECK MEASUREMENTS: 07/11/2008 SW
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EMS 3041B
Enterprise Marine Services LLC

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	IN	IN	IN	IN	IN	IN	IN	IN	IN					
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
1/4	19.04	396.26	1/4	1,190.34	1/4	1,587.76	1/4	1,985.18	1/4	2,382.60	1/4	2,780.02	1/4	3,177.44	1/4	3,574.87	1/4	3,972.29	1/4	4,369.71	1/4	4,767.13	1/4	5,164.55	1/4	5,561.97	1/4	5,959.39	1/4	6,356.81	1/4	6,754.23	
1/2	24.06	404.53	1/2	1,198.62	1/2	1,596.04	1/2	1,993.46	1/2	2,390.88	1/2	2,788.30	1/2	3,185.72	1/2	3,583.15	1/2	3,980.57	1/2	4,377.99	1/2	4,775.41	1/2	5,172.83	1/2	5,570.25	1/2	5,967.67	1/2	6,365.09	1/2	6,762.51	
3/4	29.09	412.81	3/4	1,206.90	3/4	1,604.32	3/4	1,999.74	3/4	2,397.16	3/4	2,794.58	3/4	3,191.00	3/4	3,588.42	3/4	3,985.84	3/4	4,383.26	3/4	4,780.68	3/4	5,178.10	3/4	5,575.52	3/4	5,972.94	3/4	6,370.36	3/4	6,767.78	
1	34.11	421.09	1	1,215.18	1	1,612.60	1	2,010.02	1	2,407.44	1	2,804.86	1	3,202.28	1	3,599.70	1	3,997.12	1	4,394.54	1	4,791.96	1	5,189.38	1	5,586.80	1	5,984.22	1	6,381.64	1	6,779.06	
1 1/4	41.21	429.37	1 1/4	1,223.46	1 1/4	1,620.88	1 1/4	2,018.30	1 1/4	2,415.72	1 1/4	2,813.14	1 1/4	3,210.56	1 1/4	3,607.98	1 1/4	4,005.40	1 1/4	4,402.82	1 1/4	4,800.24	1 1/4	5,197.66	1 1/4	5,595.08	1 1/4	5,992.50	1 1/4	6,389.92	1 1/4	6,787.34	
1 1/2	48.31	437.65	1 1/2	1,231.74	1 1/2	1,629.16	1 1/2	2,026.58	1 1/2	2,424.00	1 1/2	2,821.42	1 1/2	3,218.84	1 1/2	3,616.26	1 1/2	4,013.68	1 1/2	4,411.10	1 1/2	4,808.52	1 1/2	5,205.94	1 1/2	5,603.36	1 1/2	6,000.78	1 1/2	6,398.20	1 1/2	6,795.62	
3/4	55.40	445.93	3/4	1,240.02	3/4	1,637.44	3/4	2,034.86	3/4	2,432.28	3/4	2,829.70	3/4	3,227.12	3/4	3,624.54	3/4	4,021.96	3/4	4,419.38	3/4	4,816.80	3/4	5,214.22	3/4	5,611.64	3/4	6,009.06	3/4	6,406.48	3/4	6,803.90	
2	62.50	2	484.21	2	1,248.30	2	1,645.72	2	2,043.14	2	2,440.56	2	2,837.98	2	3,235.40	2	3,632.82	2	4,030.24	2	4,427.66	2	4,825.08	2	5,222.50	2	5,619.92	2	6,017.34	2	6,414.76	2	6,812.18
1 1/4	70.78	462.49	1 1/4	1,266.58	1 1/4	1,664.00	1 1/4	2,061.42	1 1/4	2,458.84	1 1/4	2,856.26	1 1/4	3,253.68	1 1/4	3,651.10	1 1/4	4,048.52	1 1/4	4,445.94	1 1/4	4,843.36	1 1/4	5,240.78	1 1/4	5,638.20	1 1/4	6,035.62	1 1/4	6,433.04	1 1/4	6,830.46	
1 1/2	79.06	470.77	1 1/2	1,284.86	1 1/2	1,682.28	1 1/2	2,079.70	1 1/2	2,477.12	1 1/2	2,874.54	1 1/2	3,271.96	1 1/2	3,669.38	1 1/2	4,066.80	1 1/2	4,464.22	1 1/2	4,861.64	1 1/2	5,259.06	1 1/2	5,656.48	1 1/2	6,053.90	1 1/2	6,451.32	1 1/2	6,848.74	
3/4	87.34	479.05	3/4	1,273.14	3/4	1,670.56	3/4	2,067.98	3/4	2,465.40	3/4	2,862.82	3/4	3,259.74	3/4	3,656.66	3/4	4,053.58	3/4	4,450.50	3/4	4,847.42	3/4	5,244.34	3/4	5,641.26	3/4	6,038.18	3/4	6,435.10	3/4	6,832.02	
3	95.62	3	487.33	3	1,281.42	3	1,678.84	3	2,076.26	3	2,473.68	3	2,871.10	3	3,268.52	3	3,665.34	3	4,062.26	3	4,459.18	3	4,856.10	3	5,253.02	3	5,650.94	3	6,047.86	3	6,444.78	3	6,841.70
1 1/4	103.88	495.61	1 1/4	1,289.70	1 1/4	1,687.12	1 1/4	2,084.54	1 1/4	2,481.96	1 1/4	2,879.38	1 1/4	3,276.80	1 1/4	3,674.22	1 1/4	4,071.64	1 1/4	4,469.06	1 1/4	4,866.48	1 1/4	5,263.90	1 1/4	5,661.32	1 1/4	6,058.74	1 1/4	6,456.16	1 1/4	6,853.58	
1 1/2	112.15	503.89	1 1/2	1,297.98	1 1/2	1,695.40	1 1/2	2,092.82	1 1/2	2,490.24	1 1/2	2,887.66	1 1/2	3,285.08	1 1/2	3,682.50	1 1/2	4,079.92	1 1/2	4,477.34	1 1/2	4,874.76	1 1/2	5,272.18	1 1/2	5,669.60	1 1/2	6,067.02	1 1/2	6,464.44	1 1/2	6,861.86	
3/4	120.41	512.17	3/4	1,306.26	3/4	1,703.68	3/4	2,101.10	3/4	2,498.52	3/4	2,895.94	3/4	3,293.36	3/4	3,690.78	3/4	4,088.20	3/4	4,485.62	3/4	4,883.04	3/4	5,280.46	3/4	5,677.88	3/4	6,075.30	3/4	6,472.72	3/4	6,870.14	
4	128.67	4	520.45	4	1,314.53	4	1,711.96	4	2,109.38	4	2,506.80	4	2,904.22	4	3,301.64	4	3,699.06	4	4,096.48	4	4,493.90	4	4,891.32	4	5,288.74	4	5,686.16	4	6,083.58	4	6,481.00	4	6,878.42
1 1/4	136.92	528.73	1 1/4	1,322.81	1 1/4	1,720.24	1 1/4	2,117.66	1 1/4	2,515.08	1 1/4	2,912.50	1 1/4	3,309.92	1 1/4	3,707.34	1 1/4	4,104.76	1 1/4	4,502.18	1 1/4	4,899.60	1 1/4	5,297.02	1 1/4	5,694.44	1 1/4	6,091.86	1 1/4	6,489.28	1 1/4	6,886.70	
1 1/2	145.18	537.01	1 1/2	1,331.09	1 1/2	1,738.52	1 1/2	2,125.94	1 1/2	2,523.36	1 1/2	2,920.78	1 1/2	3,318.20	1 1/2	3,715.62	1 1/2	4,113.04	1 1/2	4,510.46	1 1/2	4,907.88	1 1/2	5,305.30	1 1/2	5,702.72	1 1/2	6,099.14	1 1/2	6,496.56	1 1/2	6,893.98	
3/4	153.43	545.29	3/4	1,339.37	3/4	1,756.79	3/4	2,134.21	3/4	2,531.64	3/4	2,929.06	3/4	3,326.48	3/4	3,723.90	3/4	4,121.32	3/4	4,518.74	3/4	4,916.16	3/4	5,313.58	3/4	5,709.00	3/4	6,104.42	3/4	6,501.84	3/4	6,899.26	
5	161.68	5	563.67	5	1,347.65	5	1,765.07	5	2,142.49	5	2,539.93	5	2,937.34	5	3,334.76	5	3,732.18	5	4,129.60	5	4,527.02	5	4,924.44	5	5,321.86	5	5,719.28	5	6,116.70	5	6,514.12	5	6,911.54
1 1/4	169.94	581.85	1 1/4	1,355.93	1 1/4	1,773.35	1 1/4	2,150.77	1 1/4	2,548.20	1 1/4	2,945.62	1 1/4	3,343.04	1 1/4	3,740.46	1 1/4	4,137.88	1 1/4	4,535.30	1 1/4	4,932.72	1 1/4	5,329.14	1 1/4	5,726.56	1 1/4	6,123.98	1 1/4	6,521.40	1 1/4	6,918.82	
1 1/2	178.19	590.13	1 1/2	1,364.21	1 1/2	1,781.63	1 1/2	2,169.06	1 1/2	2,566.48	1 1/2	2,963.90	1 1/2	3,361.32	1 1/2	3,758.74	1 1/2	4,156.16	1 1/2	4,553.58	1 1/2	4,951.00	1 1/2	5,348.42	1 1/2	5,745.84	1 1/2	6,143.26	1 1/2	6,540.68	1 1/2	6,938.10	
3/4	186.45	598.41	3/4	1,372.49	3/4	1,789.91	3/4	2,174.33	3/4	2,571.75	3/4	2,969.17	3/4	3,366.59	3/4	3,764.01	3/4	4,161.43	3/4	4,558.85	3/4	4,956.27	3/4	5,353.69	3/4	5,751.11	3/4	6,148.53	3/4	6,545.95	3/4	6,943.37	
6	194.70	6	586.69	6	1,380.77	6	1,798.19	6	2,176.61	6	2,574.03	6	2,971.45	6	3,368.87	6	3,766.29	6	4,163.71	6	4,560.63	6	4,957.55	6	5,354.47	6	5,751.39	6	6,148.31	6	6,545.23	6	6,942.15
1 1/2	202.55	603.22	1 1/2	1,389.05	1 1/2	1,806.47	1 1/2	2,192.17	1 1/2	2,589.59	1 1/2	2,987.01	1 1/2	3,384.43	1 1/2	3,781.85	1 1/2	4,179.27	1 1/2	4,576.69	1 1/2	4,974.11	1 1/2	5,371.53	1 1/2	5,768.95	1 1/2	6,166.37	1 1/2	6,563.79	1 1/2	6,961.21	
3/4	210.40	611.48	3/4	1,397.33	3/4	1,814.75	3/4	2,200.45	3/4	2,597.87	3/4	2,995.29	3/4	3,392.71	3/4	3,790.13	3/4	4,187.55	3/4	4,584.97	3/4	4,982.39	3/4	5,379.81	3/4	5,777.23	3/4	6,174.65	3/4	6,572.07	3/4	6,969.49	
7	226.09	7	619.75	7	1,405.61	7	1,823.03	7	2,208.73	7	2,606.15	7	3,003.57	7	3,400.99	7	3,798.41	7	4,195.83	7	4,593.25	7	4,990.67	7	5,388.09	7	5,785.51	7	6,182.93	7	6,580.35	7	6,977.77
1 1/4	233.70	628.01	1 1/4	1,413.89	1 1/4	1,831.31	1 1/4	2,217.01	1 1/4	2,614.43	1 1/4	3,011.85	1 1/4	3,409.27	1 1/4	3,806.69	1 1/4	4,204.11	1 1/4	4,601.53	1 1/4	4,998.95	1 1/4	5,396.37	1 1/4	5,793.79	1 1/4	6,191.21	1 1/4	6,588.63	1 1/4	6,986.05	
1 1/2	241.30	636.26	1 1/2	1,422.17	1 1/2	1,839.59	1 1/2	2,225.29	1 1/2	2,622.71	1 1/2	3,020.13	1 1/2	3,417.55	1 1/2	3,814.97	1 1/2	4,212.39	1 1/2	4,609.81	1 1/2	5,007.23	1 1/2	5,404.65	1 1/2	5,802.07	1 1/2	6,199.49	1 1/2	6,596.91	1 1/2	6,994.33	
3/4	248.91	644.52	3/4	1,430.45	3/4	1,847.87	3/4	2,233.57	3/4	2,630.99	3/4	3,028.41	3/4	3,425.83	3/4	3,823.25	3/4	4,220.67	3/4	4,618.09	3/4	5,015.51	3/4	5,412.93	3/4	5,810.35	3/4	6,207.77	3/4	6,605.19	3/4	7,002.61	
8	256.51	8	652.78	8	1,447.01	8	1,864.43	8	2,241.85	8	2,639.27	8	3,036.69	8	3,434.11	8	3,831.53	8	4,228.95	8	4,626.37	8	5,023.79	8	5,421.21	8	5,818.63	8	6,216.05	8	6,613.47	8	7,010.89
1 1/4	264.54	661.04	1 1/4	1,455.29	1 1/4	1,872.71	1 1/4	2,250.13	1 1/4	2,647.55	1 1/4	3,044.97	1 1/4	3,442.39	1 1/4	3,839.81	1 1/4	4,237.23	1 1/4	4,634.65	1 1/4	5,032.07	1 1/4	5,429.49	1 1/4	5,826.91	1 1/4	6,224.33	1 1/4	6,621.75	1 1/4	7,019.17	
1 1/2	272.57	669.29	1 1/2	1,463.57	1 1/2	1,880.99	1 1/2	2,268.41	1 1/2																								



EMS 3041B
Enterprise Marine Services LLC

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			18 FT.			19 FT.		
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W		
0	0	3,953.97	0	4,322.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1/4	1/4	3,961.54	1/4	4,329.85	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,969.31	1/2	4,337.52	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,976.98	3/4	4,345.19	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	3/4	3/4	3/4	3/4	3/4		
1	1	3,984.65	1	4,352.86	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1/4	1/4	3,992.32	1/4	4,360.53	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,000.00	1/2	4,368.21	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,007.67	3/4	4,375.88	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	3/4	3/4	3/4	3/4	3/4		
2	2	4,015.34	2	4,383.55	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
1/4	1/4	4,023.01	1/4	4,391.22	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,030.68	1/2	4,398.89	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,038.35	3/4	4,406.56	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	3/4	3/4	3/4	3/4	3/4		
3	3	4,046.02	3	4,414.23	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
1/4	1/4	4,053.69	1/4	4,421.90	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,061.37	1/2	4,429.57	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,069.04	3/4	4,437.24	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	3/4	3/4	3/4	3/4	3/4		
4	4	4,076.71	4	4,444.91	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
1/4	1/4	4,084.38	1/4	4,452.58	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,092.05	1/2	4,460.26	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,099.72	3/4	4,467.93	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	3/4	3/4	3/4	3/4	3/4		
5	5	4,107.39	5	4,475.60	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
1/4	1/4	4,115.06	1/4	4,483.27	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,122.73	1/2	4,490.94	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,130.40	3/4	4,498.61	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	3/4	3/4	3/4	3/4	3/4		
6	6	4,138.07	6	4,506.28	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
1/4	1/4	4,145.74	1/4	4,513.95	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,153.42	1/2	4,521.63	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,161.09	3/4	4,529.30	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	3/4	3/4	3/4	3/4	3/4		
7	7	4,168.76	7	4,536.97	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
1/4	1/4	4,176.43	1/4	4,544.66	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,184.10	1/2	4,552.35	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,191.77	3/4	4,559.74	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	3/4	3/4	3/4	3/4	3/4		
8	8	4,199.44	8	4,567.33	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
1/4	1/4	4,207.11	1/4	4,574.20	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,214.79	1/2	4,581.08	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,222.46	3/4	4,587.95	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	3/4	3/4	3/4	3/4	3/4		
9	9	4,230.13	9	4,594.82	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
1/4	1/4	4,237.80	1/4	4,600.41	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,245.47	1/2	4,606.01	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,253.14	3/4	4,611.60	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	3/4	3/4	3/4	3/4	3/4		
10	10	4,260.81	10	4,617.19	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
1/4	1/4	4,268.48	1/4	4,623.78	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,276.15	1/2	4,630.37	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	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,283.82	3/4	4,636.96	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	3/4	3/4	3/4	3/4	3/4		
11	11	4,291.49	11	4,643.55	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		
1/4	1/4	4,299.16	1/4	4,650.14	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	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	4,306.84	1/2	4,656.73	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	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	4,314.51	3/4	4,663.32	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	3/4	3/4	3/4	3/4	3/4		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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EMS 3041B

Enterprise Marine Services LLC

2 PORT

INNAGE TABLE

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

FORMERLY "CTCO 3013"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	13.08	0	360.65	0	721.11	0	1,085.56	0	1,455.34	0	1,825.13	0	2,194.91	0	2,564.69	0	2,934.47	0	3,304.26
1/4	17.75	1/4	368.36	1/4	728.50	1/4	1,093.27	1/4	1,463.05	1/4	1,832.83	1/4	2,202.61	1/4	2,572.40	1/4	2,942.17	1/4	3,311.96
1/2	22.43	1/2	376.06	1/2	736.89	1/2	1,100.97	1/2	1,470.75	1/2	1,840.54	1/2	2,210.32	1/2	2,580.10	1/2	2,949.88	1/2	3,319.66
3/4	27.10	3/4	383.77	3/4	743.28	3/4	1,108.58	3/4	1,478.46	3/4	1,848.24	3/4	2,218.02	3/4	2,587.81	3/4	2,957.68	3/4	3,327.37
1	31.77	1	391.47	1	760.67	1	1,116.38	1	1,486.16	1	1,855.94	1	2,225.72	1	2,595.51	1	2,965.29	1	3,335.07
1/4	36.37	1/4	399.17	1/4	768.06	1/4	1,124.08	1/4	1,493.86	1/4	1,863.65	1/4	2,233.43	1/4	2,603.21	1/4	2,972.99	1/4	3,342.77
1/2	44.98	1/2	406.88	1/2	775.46	1/2	1,131.79	1/2	1,501.57	1/2	1,871.36	1/2	2,241.13	1/2	2,610.92	1/2	2,980.69	1/2	3,350.48
3/4	51.58	3/4	414.58	3/4	772.85	3/4	1,139.49	3/4	1,509.27	3/4	1,879.06	3/4	2,248.84	3/4	2,618.62	3/4	2,989.40	3/4	3,358.18
2	58.18	2	422.28	2	780.24	2	1,147.19	2	1,516.98	2	1,886.76	2	2,256.54	2	2,626.32	2	2,996.10	2	3,366.89
1/4	65.99	1/4	429.99	1/4	787.64	1/4	1,154.90	1/4	1,524.68	1/4	1,894.46	1/4	2,264.24	1/4	2,634.03	1/4	3,003.80	1/4	3,373.59
1/2	73.59	1/2	437.69	1/2	795.05	1/2	1,162.60	1/2	1,532.38	1/2	1,902.17	1/2	2,271.96	1/2	2,641.73	1/2	3,011.51	1/2	3,381.29
3/4	81.30	3/4	445.40	3/4	802.45	3/4	1,170.31	3/4	1,540.09	3/4	1,909.87	3/4	2,279.66	3/4	2,649.44	3/4	3,019.21	3/4	3,389.00
3	89.00	3	453.10	3	809.85	3	1,178.01	3	1,547.79	3	1,917.57	3	2,287.35	3	2,657.14	3	3,026.92	3	3,396.70
1/4	96.69	1/4	460.80	1/4	817.26	1/4	1,185.71	1/4	1,556.49	1/4	1,925.28	1/4	2,295.06	1/4	2,664.84	1/4	3,034.62	1/4	3,404.40
1/2	104.38	1/2	468.51	1/2	824.67	1/2	1,193.42	1/2	1,563.20	1/2	1,932.98	1/2	2,302.76	1/2	2,672.55	1/2	3,042.32	1/2	3,412.11
3/4	112.06	3/4	476.21	3/4	832.07	3/4	1,201.12	3/4	1,571.90	3/4	1,940.69	3/4	2,310.47	3/4	2,680.25	3/4	3,050.03	3/4	3,419.81
4	119.75	4	483.91	4	839.48	4	1,208.82	4	1,578.60	4	1,948.39	4	2,318.17	4	2,687.95	4	3,057.73	4	3,427.82
1/4	127.43	1/4	491.43	1/4	847.07	1/4	1,216.53	1/4	1,586.31	1/4	1,956.09	1/4	2,326.87	1/4	2,695.66	1/4	3,065.43	1/4	3,435.22
1/2	135.11	1/2	498.96	1/2	854.67	1/2	1,224.23	1/2	1,594.01	1/2	1,963.80	1/2	2,333.58	1/2	2,703.36	1/2	3,073.14	1/2	3,442.92
3/4	142.79	3/4	506.48	3/4	862.26	3/4	1,231.94	3/4	1,601.72	3/4	1,971.60	3/4	2,341.28	3/4	2,711.06	3/4	3,080.84	3/4	3,450.63
5	150.47	5	514.00	5	869.85	5	1,239.64	5	1,609.42	5	1,979.20	5	2,348.98	5	2,718.77	5	3,088.55	5	3,458.33
1/4	158.15	1/4	521.42	1/4	877.56	1/4	1,247.34	1/4	1,617.12	1/4	1,986.91	1/4	2,356.69	1/4	2,726.47	1/4	3,096.25	1/4	3,466.03
1/2	165.83	1/2	528.83	1/2	885.26	1/2	1,255.06	1/2	1,624.83	1/2	1,994.61	1/2	2,364.39	1/2	2,734.17	1/2	3,103.96	1/2	3,473.74
3/4	173.51	3/4	536.24	3/4	892.97	3/4	1,262.75	3/4	1,632.53	3/4	2,002.32	3/4	2,372.10	3/4	2,741.88	3/4	3,111.66	3/4	3,481.44
6	181.19	6	543.66	6	900.67	6	1,270.45	6	1,640.23	6	2,010.02	6	2,379.80	6	2,749.58	6	3,119.36	6	3,489.16
1/4	188.46	1/4	551.06	1/4	908.38	1/4	1,278.16	1/4	1,647.94	1/4	2,017.72	1/4	2,387.50	1/4	2,757.28	1/4	3,127.06	1/4	3,496.95
1/2	195.74	1/2	558.46	1/2	916.08	1/2	1,285.86	1/2	1,655.65	1/2	2,025.43	1/2	2,395.21	1/2	2,764.99	1/2	3,134.77	1/2	3,504.55
3/4	203.01	3/4	565.86	3/4	923.79	3/4	1,293.57	3/4	1,663.36	3/4	2,033.13	3/4	2,402.91	3/4	2,772.69	3/4	3,142.47	3/4	3,512.26
7	210.28	7	573.26	7	931.49	7	1,301.27	7	1,671.06	7	2,040.83	7	2,410.61	7	2,780.40	7	3,150.18	7	3,519.96
1/4	217.31	1/4	580.65	1/4	939.19	1/4	1,308.97	1/4	1,678.76	1/4	2,048.54	1/4	2,418.32	1/4	2,788.10	1/4	3,157.88	1/4	3,527.66
1/2	224.34	1/2	588.04	1/2	946.90	1/2	1,316.68	1/2	1,686.47	1/2	2,056.24	1/2	2,426.02	1/2	2,795.80	1/2	3,165.58	1/2	3,535.37
3/4	231.37	3/4	595.44	3/4	954.60	3/4	1,324.38	3/4	1,694.17	3/4	2,063.95	3/4	2,433.73	3/4	2,803.51	3/4	3,173.29	3/4	3,543.07
8	238.40	8	602.83	8	962.30	8	1,332.08	8	1,701.87	8	2,071.65	8	2,441.43	8	2,811.21	8	3,180.99	8	3,550.78
1/4	245.85	1/4	610.22	1/4	970.01	1/4	1,339.79	1/4	1,709.57	1/4	2,079.35	1/4	2,449.13	1/4	2,818.91	1/4	3,188.69	1/4	3,558.48
1/2	253.30	1/2	617.62	1/2	977.71	1/2	1,347.49	1/2	1,717.28	1/2	2,087.06	1/2	2,456.84	1/2	2,826.62	1/2	3,196.40	1/2	3,566.18
3/4	260.75	3/4	625.01	3/4	985.42	3/4	1,355.20	3/4	1,724.98	3/4	2,094.76	3/4	2,464.54	3/4	2,834.32	3/4	3,204.10	3/4	3,573.89
9	268.20	9	632.40	9	993.12	9	1,362.90	9	1,732.68	9	2,102.46	9	2,472.24	9	2,842.03	9	3,211.81	9	3,581.59
1/4	275.91	1/4	639.79	1/4	1,000.82	1/4	1,370.60	1/4	1,740.39	1/4	2,110.17	1/4	2,479.95	1/4	2,849.73	1/4	3,219.51	1/4	3,589.29
1/2	283.61	1/2	647.19	1/2	1,008.53	1/2	1,378.31	1/2	1,748.09	1/2	2,117.87	1/2	2,487.65	1/2	2,857.43	1/2	3,227.21	1/2	3,597.00
3/4	291.32	3/4	654.58	3/4	1,016.23	3/4	1,386.01	3/4	1,756.80	3/4	2,126.58	3/4	2,495.36	3/4	2,866.14	3/4	3,234.92	3/4	3,604.70
10	299.02	10	661.97	10	1,023.93	10	1,393.71	10	1,763.50	10	2,133.28	10	2,503.06	10	2,872.84	10	3,242.62	10	3,612.41
1/4	306.72	1/4	669.36	1/4	1,031.64	1/4	1,401.42	1/4	1,771.20	1/4	2,140.98	1/4	2,510.77	1/4	2,880.54	1/4	3,250.32	1/4	3,620.11
1/2	314.43	1/2	676.76	1/2	1,039.34	1/2	1,409.12	1/2	1,778.91	1/2	2,148.69	1/2	2,518.47	1/2	2,889.25	1/2	3,258.03	1/2	3,627.81
3/4	322.13	3/4	684.15	3/4	1,047.05	3/4	1,416.83	3/4	1,786.61	3/4	2,156.39	3/4	2,526.18	3/4	2,895.95	3/4	3,266.73	3/4	3,636.52
11	329.83	11	691.54	11	1,054.76	11	1,424.63	11	1,794.31	11	2,164.09	11	2,533.88	11	2,903.88	11	3,273.44	11	3,643.22
1/4	337.54	1/4	698.93	1/4	1,062.45	1/4	1,432.23	1/4	1,802.02	1/4	2,171.80	1/4	2,541.58	1/4	2,911.36	1/4	3,281.14	1/4	3,650.92
1/2	345.24	1/2	706.33	1/2	1,070.16	1/2	1,439.94	1/2	1,809.72	1/2	2,179.50	1/2	2,549.29	1/2	2,919.06	1/2	3,288.85	1/2	3,658.63
3/4	352.95	3/4	713.72	3/4	1,077.86	3/4	1,447.64	3/4	1,817.43	3/4	2,187.21	3/4	2,556.99	3/4	2,926.77	3/4	3,296.55	3/4	3,666.33

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN @ 2" GAUGE PIPE.

GAUGE POINT: (2" GAUGE PIPE) LOCATED 11'-00" OFF CENTERLINE AND 46'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>





EMS 3041B

Enterprise Marine Services LLC

2 PORT

INNAGE TABLE

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

FORMERLY "CTCO 3013" GAUGE HEIGHT 12'-05 7/8"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	3,674.04	0	4,043.82	0	0	0	0	0	0	0
1/4	3,681.74	1/4	4,051.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,689.44	1/2	4,059.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,697.15	3/4	4,066.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,704.86	1	4,074.64	1	1	1	1	1	1	1
1 1/4	3,712.55	1 1/4	4,082.34	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,720.26	1 1/2	4,090.04	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,727.96	3/4	4,097.75	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,735.67	2	4,105.45	2	2	2	2	2	2	2
1 1/4	3,743.37	1 1/4	4,113.15	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,751.07	1 1/2	4,120.86	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,758.78	3/4	4,128.56	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,766.48	3	4,136.27	3	3	3	3	3	3	3
1 1/4	3,774.18	1 1/4	4,143.97	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,781.89	1 1/2	4,151.67	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,789.59	3/4	4,159.38	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,797.30	4	4,167.08	4	4	4	4	4	4	4
1 1/4	3,805.00	1 1/4	4,174.78	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,812.70	1 1/2	4,182.49	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,820.41	3/4	4,190.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,828.11	5	4,197.90	5	5	5	5	5	5	5
1 1/4	3,835.81	1 1/4	4,205.60	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,843.52	1 1/2	4,213.30	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,851.22	3/4	4,221.01	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,858.93	6	4,228.71	6	6	6	6	6	6	6
1 1/4	3,866.63	1 1/4	4,236.41	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,874.33	1 1/2	4,244.12	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,882.04	3/4	4,251.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,889.74	7	4,259.53	7	7	7	7	7	7	7
1 1/4	3,897.44	1 1/4	4,267.15	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,905.15	1 1/2	4,274.77	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,912.85	3/4	4,282.40	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,920.56	8	4,290.02	8	8	8	8	8	8	8
1 1/4	3,928.26	1 1/4	4,296.92	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,935.96	1 1/2	4,303.82	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,943.67	3/4	4,310.72	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,951.37	9	4,317.62	9	9	9	9	9	9	9
1 1/4	3,959.07	1 1/4	4,323.24	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,966.78	1 1/2	4,328.85	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	3,974.48	3/4	4,334.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,982.19	10	4,340.09	10	10	10	10	10	10	10
1 1/4	3,989.89	1 1/4	4,344.58	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,997.59	1 1/2	4,349.08	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	4,005.30	3/4	4,353.57	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	4,013.00	11	4,358.06	11	11	11	11	11	11	11
1 1/4	4,020.70	1 1/4	4,362.55	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	4,028.41	1 1/2	4,367.04	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	4,036.11	3/4	4,371.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/1998 EWS
DECK MEASUREMENTS: 07/11/2008 SW
REPRINTED: 07/14/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmcorp.net>



EMS 3041B

Enterprise Marine Services LLC

2 STBD

INNAGE TABLE

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

FORMERLY "CTCO 3013"

GAUGE HEIGHT 12'-05 1/8"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	13.08	0	730.72	0	1,470.81	0	2,211.17	0	2,951.52	0
1/4	17.76	1/4	738.41	1/4	1,478.52	1/4	2,218.88	1/4	2,959.23	1/4
1/2	22.44	1/2	746.10	1/2	1,486.24	1/2	2,226.59	1/2	2,966.95	1/2
3/4	27.12	3/4	753.79	3/4	1,493.95	3/4	2,234.30	3/4	2,974.66	3/4
1	31.80	1	761.48	1	1,501.66	1	2,242.01	1	2,982.37	1
1/4	36.41	1/4	769.17	1/4	1,509.37	1/4	2,249.72	1/4	2,990.08	1/4
1/2	41.02	1/2	776.86	1/2	1,517.09	1/2	2,257.44	1/2	2,997.79	1/2
3/4	45.63	3/4	784.55	3/4	1,524.80	3/4	2,265.15	3/4	3,005.50	3/4
2	50.24	2	792.24	2	1,532.51	2	2,272.86	2	3,013.21	2
1/4	54.85	1/4	799.94	1/4	1,540.22	1/4	2,280.57	1/4	3,020.92	1/4
1/2	59.46	1/2	807.64	1/2	1,547.94	1/2	2,288.29	1/2	3,028.64	1/2
3/4	64.07	3/4	815.34	3/4	1,555.65	3/4	2,296.00	3/4	3,036.35	3/4
3	68.68	3	823.04	3	1,563.36	3	2,303.71	3	3,044.06	3
1/4	73.29	1/4	830.75	1/4	1,571.07	1/4	2,311.42	1/4	3,051.77	1/4
1/2	77.90	1/2	838.45	1/2	1,578.79	1/2	2,319.14	1/2	3,059.49	1/2
3/4	82.51	3/4	846.16	3/4	1,586.50	3/4	2,326.85	3/4	3,067.20	3/4
4	87.12	4	853.86	4	1,594.21	4	2,334.56	4	3,074.91	4
1/4	91.73	1/4	861.57	1/4	1,601.92	1/4	2,342.27	1/4	3,082.62	1/4
1/2	96.34	1/2	869.28	1/2	1,609.63	1/2	2,349.99	1/2	3,090.34	1/2
3/4	100.95	3/4	876.99	3/4	1,617.34	3/4	2,357.70	3/4	3,098.05	3/4
5	105.56	5	884.70	5	1,625.05	5	2,365.41	5	3,105.76	5
1/4	110.17	1/4	892.41	1/4	1,632.76	1/4	2,373.12	1/4	3,113.47	1/4
1/2	114.78	1/2	900.12	1/2	1,640.48	1/2	2,380.83	1/2	3,121.19	1/2
3/4	119.39	3/4	907.83	3/4	1,648.19	3/4	2,388.54	3/4	3,128.90	3/4
6	124.00	6	915.54	6	1,655.90	6	2,396.25	6	3,136.61	6
1/4	128.61	1/4	923.25	1/4	1,663.61	1/4	2,403.96	1/4	3,144.32	1/4
1/2	133.22	1/2	930.96	1/2	1,671.33	1/2	2,411.68	1/2	3,152.03	1/2
3/4	137.83	3/4	938.67	3/4	1,679.04	3/4	2,419.39	3/4	3,159.74	3/4
7	142.44	7	946.38	7	1,686.75	7	2,427.10	7	3,167.45	7
1/4	147.05	1/4	954.09	1/4	1,694.46	1/4	2,434.81	1/4	3,175.16	1/4
1/2	151.66	1/2	961.80	1/2	1,702.18	1/2	2,442.52	1/2	3,182.88	1/2
3/4	156.27	3/4	969.51	3/4	1,709.89	3/4	2,450.24	3/4	3,190.59	3/4
8	160.88	8	977.22	8	1,717.60	8	2,457.95	8	3,198.30	8
1/4	165.49	1/4	984.93	1/4	1,725.31	1/4	2,465.66	1/4	3,206.01	1/4
1/2	170.10	1/2	992.64	1/2	1,733.03	1/2	2,473.38	1/2	3,213.73	1/2
3/4	174.71	3/4	1,000.35	3/4	1,740.74	3/4	2,481.09	3/4	3,221.44	3/4
9	179.32	9	1,008.06	9	1,748.45	9	2,488.80	9	3,229.15	9
1/4	183.93	1/4	1,015.77	1/4	1,756.16	1/4	2,496.51	1/4	3,236.86	1/4
1/2	188.54	1/2	1,023.48	1/2	1,763.87	1/2	2,504.23	1/2	3,244.58	1/2
3/4	193.15	3/4	1,031.19	3/4	1,771.58	3/4	2,511.94	3/4	3,252.29	3/4
10	197.76	10	1,038.90	10	1,779.29	10	2,519.65	10	3,260.00	10
1/4	202.37	1/4	1,046.61	1/4	1,787.00	1/4	2,527.36	1/4	3,267.71	1/4
1/2	206.98	1/2	1,054.32	1/2	1,794.72	1/2	2,535.07	1/2	3,275.43	1/2
3/4	211.59	3/4	1,062.03	3/4	1,802.43	3/4	2,542.78	3/4	3,283.14	3/4
11	216.20	11	1,069.74	11	1,810.14	11	2,550.49	11	3,290.85	11
1/4	220.81	1/4	1,077.45	1/4	1,817.85	1/4	2,558.20	1/4	3,298.56	1/4
1/2	225.42	1/2	1,085.16	1/2	1,825.57	1/2	2,565.92	1/2	3,306.27	1/2
3/4	230.03	3/4	1,092.87	3/4	1,833.28	3/4	2,573.63	3/4	3,313.98	3/4

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CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN @ 2" GAUGE PIPE.

GAUGE POINT: (2" GAUGE PIPE) LOCATED 11'-00" OFF CENTERLINE AND 46'-06" FORWARD OF AFT BULKHEAD.

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EMS 3041B
Enterprise Marine Services LLC

2 STBD
INNAGE TABLE

FORMERLY "CTCO 3013"

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

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0	3,691.87	0	4,062.05	0		0		0		0		0		0		0		0	
1/4	3,699.58	1/4	4,069.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,707.30	1/2	4,077.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,715.01	3/4	4,085.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,722.72	1	4,092.89	1		1		1		1		1		1		1		1	
1/4	3,730.43	1/4	4,100.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.15	1/2	4,108.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.86	3/4	4,116.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,753.57	2	4,123.74	2		2		2		2		2		2		2		2	
1/4	3,761.28	1/4	4,131.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,768.99	1/2	4,139.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.70	3/4	4,146.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,784.41	3	4,154.59	3		3		3		3		3		3		3		3	
1/4	3,792.13	1/4	4,162.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.85	1/2	4,170.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,807.56	3/4	4,177.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,815.28	4	4,185.44	4		4		4		4		4		4		4		4	
1/4	3,822.99	1/4	4,193.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,830.70	1/2	4,200.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,838.40	3/4	4,208.58	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,846.11	5	4,216.29	5		5		5		5		5		5		5		5	
1/4	3,853.82	1/4	4,224.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,861.54	1/2	4,231.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,869.25	3/4	4,239.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,876.96	6	4,247.13	6		6		6		6		6		6		6		6	
1/4	3,884.67	1/4	4,254.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,892.39	1/2	4,262.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,900.10	3/4	4,270.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,907.81	7	4,277.98	7		7		7		7		7		7		7		7	
1/4	3,915.52	1/4	4,285.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,923.23	1/2	4,293.40	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,930.94	3/4	4,301.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,938.65	8	4,308.82	8		8		8		8		8		8		8		8	
1/4	3,946.36	1/4	4,316.53	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,954.07	1/2	4,324.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,961.78	3/4	4,331.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,969.49	9	4,339.66	9		9		9		9		9		9		9		9	
1/4	3,977.20	1/4	4,347.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,984.91	1/2	4,355.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,992.62	3/4	4,362.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	4,000.33	10	4,370.50	10		10		10		10		10		10		10		10	
1/4	4,008.04	1/4	4,378.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,015.75	1/2	4,385.92	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,023.46	3/4	4,393.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	4,031.17	11	4,401.34	11		11		11		11		11		11		11		11	
1/4	4,038.88	1/4	4,409.05	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,046.59	1/2	4,416.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,054.30	3/4	4,424.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/1998 EWS
DECK MEASUREMENTS: 07/11/2008 SW
REPRINTED: 07/14/2008 SW
CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pasadena, Texas 77568
http://www.pmcorp.net



EMS 3041B

Enterprise Marine Services LLC

3 PORT INNAGE TABLE

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

FORMERLY "CTCO 3013"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	13.11	0	361.68	0	722.94	0	1,088.11	0	1,458.66	0	1,829.00	0	2,199.47	0	2,570.07	0	2,940.68	0	3,311.28
1/4	17.81	1/4	369.40	1/4	730.35	1/4	1,095.83	1/4	1,466.28	1/4	1,836.72	1/4	2,207.19	1/4	2,577.79	1/4	2,948.40	1/4	3,319.00
1/2	22.50	1/2	377.11	1/2	737.76	1/2	1,103.55	1/2	1,474.00	1/2	1,844.44	1/2	2,214.91	1/2	2,585.51	1/2	2,956.12	1/2	3,326.72
3/4	27.20	3/4	384.83	3/4	746.16	3/4	1,111.26	3/4	1,481.71	3/4	1,862.15	3/4	2,222.63	3/4	2,593.24	3/4	2,963.84	3/4	3,334.44
1	31.89	1	392.54	1	752.57	1	1,118.98	1	1,489.43	1	1,859.87	1	2,230.35	1	2,600.96	1	2,971.56	1	3,342.16
1/4	36.52	1/4	400.26	1/4	759.98	1/4	1,126.70	1/4	1,497.15	1/4	1,867.59	1/4	2,238.07	1/4	2,608.68	1/4	2,979.28	1/4	3,349.88
1/2	45.16	1/2	407.99	1/2	767.39	1/2	1,134.42	1/2	1,504.87	1/2	1,875.31	1/2	2,245.80	1/2	2,616.40	1/2	2,987.00	1/2	3,357.60
3/4	51.77	3/4	415.71	3/4	774.80	3/4	1,142.13	3/4	1,512.58	3/4	1,883.02	3/4	2,253.52	3/4	2,624.12	3/4	2,994.72	3/4	3,365.33
2	58.40	2	423.43	2	782.21	2	1,149.86	2	1,520.30	2	1,890.74	2	2,261.24	2	2,631.84	2	3,002.44	2	3,373.05
1/4	66.13	1/4	431.15	1/4	789.63	1/4	1,157.57	1/4	1,528.02	1/4	1,898.46	1/4	2,268.96	1/4	2,639.56	1/4	3,010.16	1/4	3,378.81
1/2	73.87	1/2	438.87	1/2	797.05	1/2	1,165.29	1/2	1,536.74	1/2	1,906.18	1/2	2,276.68	1/2	2,647.28	1/2	3,017.88	1/2	3,384.58
3/4	81.60	3/4	446.59	3/4	804.47	3/4	1,173.00	3/4	1,543.45	3/4	1,913.89	3/4	2,284.40	3/4	2,655.00	3/4	3,025.61	3/4	3,390.34
3	89.33	3	454.31	3	811.89	3	1,180.72	3	1,551.17	3	1,921.61	3	2,292.12	3	2,663.72	3	3,033.33	3	3,396.11
1/4	97.05	1/4	462.03	1/4	819.32	1/4	1,188.44	1/4	1,558.89	1/4	1,929.33	1/4	2,299.84	1/4	2,670.44	1/4	3,041.05	1/4	3,400.70
1/2	104.77	1/2	469.76	1/2	826.74	1/2	1,196.16	1/2	1,566.61	1/2	1,937.05	1/2	2,307.56	1/2	2,678.16	1/2	3,048.77	1/2	3,405.29
3/4	112.48	3/4	477.48	3/4	834.17	3/4	1,203.87	3/4	1,574.32	3/4	1,944.76	3/4	2,315.28	3/4	2,685.89	3/4	3,056.49	3/4	3,409.88
4	120.20	4	485.20	4	841.59	4	1,211.59	4	1,582.04	4	1,952.48	4	2,323.00	4	2,693.61	4	3,064.21	4	3,414.47
1/4	127.90	1/4	492.74	1/4	849.20	1/4	1,219.31	1/4	1,589.76	1/4	1,960.20	1/4	2,330.72	1/4	2,701.33	1/4	3,071.93	1/4	3,419.06
1/2	135.60	1/2	500.28	1/2	856.81	1/2	1,227.03	1/2	1,597.48	1/2	1,967.92	1/2	2,338.44	1/2	2,709.05	1/2	3,079.65	1/2	3,423.55
3/4	143.30	3/4	507.82	3/4	864.41	3/4	1,234.75	3/4	1,605.19	3/4	1,975.63	3/4	2,346.17	3/4	2,716.77	3/4	3,087.37	3/4	3,428.25
5	151.00	5	515.36	5	872.02	5	1,242.47	5	1,612.91	5	1,983.35	5	2,353.89	5	2,724.49	5	3,095.09	5	3,432.94
1/4	158.70	1/4	522.79	1/4	879.74	1/4	1,250.19	1/4	1,620.63	1/4	1,991.07	1/4	2,361.61	1/4	2,732.21	1/4	3,102.81	1/4	3,437.43
1/2	166.40	1/2	530.22	1/2	887.45	1/2	1,257.91	1/2	1,628.36	1/2	1,998.79	1/2	2,369.33	1/2	2,739.93	1/2	3,110.53	1/2	3,442.02
3/4	174.09	3/4	537.65	3/4	895.17	3/4	1,265.62	3/4	1,636.06	3/4	2,006.51	3/4	2,377.05	3/4	2,747.65	3/4	3,118.26	3/4	3,446.61
6	181.79	6	545.08	6	902.89	6	1,273.34	6	1,643.78	6	2,014.23	6	2,384.77	6	2,755.37	6	3,125.98	6	3,451.20
1/4	189.08	1/4	552.79	1/4	910.61	1/4	1,281.06	1/4	1,651.50	1/4	2,021.95	1/4	2,392.49	1/4	2,763.09	1/4	3,133.70	1/4	3,455.79
1/2	196.37	1/2	559.92	1/2	918.32	1/2	1,288.78	1/2	1,659.22	1/2	2,029.67	1/2	2,400.21	1/2	2,770.81	1/2	3,141.42	1/2	3,460.38
3/4	203.66	3/4	567.33	3/4	926.04	3/4	1,296.49	3/4	1,666.93	3/4	2,037.38	3/4	2,407.93	3/4	2,778.54	3/4	3,149.14	3/4	3,464.98
7	210.95	7	574.75	7	933.76	7	1,304.21	7	1,674.65	7	2,045.10	7	2,415.65	7	2,786.26	7	3,156.86	7	3,469.57
1/4	218.00	1/4	582.16	1/4	941.48	1/4	1,311.93	1/4	1,682.37	1/4	2,052.82	1/4	2,423.37	1/4	2,793.98	1/4	3,164.58	1/4	3,474.16
1/2	225.05	1/2	589.57	1/2	949.19	1/2	1,319.65	1/2	1,690.09	1/2	2,060.54	1/2	2,431.09	1/2	2,801.70	1/2	3,172.30	1/2	3,478.75
3/4	232.09	3/4	596.98	3/4	956.91	3/4	1,327.36	3/4	1,697.80	3/4	2,068.25	3/4	2,438.82	3/4	2,809.42	3/4	3,180.02	3/4	3,483.34
8	239.14	8	604.39	8	964.63	8	1,335.08	8	1,705.52	8	2,075.97	8	2,446.54	8	2,817.14	8	3,187.74	8	3,487.93
1/4	246.61	1/4	611.80	1/4	972.35	1/4	1,342.80	1/4	1,713.24	1/4	2,083.69	1/4	2,454.26	1/4	2,824.86	1/4	3,195.46	1/4	3,492.52
1/2	254.08	1/2	619.21	1/2	980.06	1/2	1,350.52	1/2	1,720.96	1/2	2,091.41	1/2	2,461.98	1/2	2,832.58	1/2	3,203.18	1/2	3,497.11
3/4	261.54	3/4	626.62	3/4	987.78	3/4	1,358.23	3/4	1,728.67	3/4	2,099.12	3/4	2,469.70	3/4	2,840.30	3/4	3,210.91	3/4	3,501.71
9	269.01	9	634.03	9	995.50	9	1,366.95	9	1,736.39	9	2,106.84	9	2,477.42	9	2,848.02	9	3,218.63	9	3,506.30
1/4	276.73	1/4	641.44	1/4	1,003.22	1/4	1,373.67	1/4	1,744.11	1/4	2,114.56	1/4	2,485.14	1/4	2,855.74	1/4	3,226.35	1/4	3,510.89
1/2	284.45	1/2	648.85	1/2	1,010.94	1/2	1,381.39	1/2	1,751.83	1/2	2,122.28	1/2	2,492.86	1/2	2,863.46	1/2	3,234.07	1/2	3,515.48
3/4	292.17	3/4	656.25	3/4	1,018.65	3/4	1,389.10	3/4	1,759.54	3/4	2,129.99	3/4	2,500.58	3/4	2,871.19	3/4	3,241.79	3/4	3,520.07
10	299.89	10	663.66	10	1,026.37	10	1,396.82	10	1,767.26	10	2,137.71	10	2,508.30	10	2,878.91	10	3,249.51	10	3,524.66
1/4	307.61	1/4	671.07	1/4	1,034.09	1/4	1,404.54	1/4	1,774.98	1/4	2,145.43	1/4	2,516.02	1/4	2,886.63	1/4	3,257.23	1/4	3,529.25
1/2	315.34	1/2	678.48	1/2	1,041.81	1/2	1,412.26	1/2	1,782.70	1/2	2,153.15	1/2	2,523.74	1/2	2,894.35	1/2	3,264.95	1/2	3,533.84
3/4	323.06	3/4	685.89	3/4	1,049.52	3/4	1,419.97	3/4	1,790.41	3/4	2,160.87	3/4	2,531.47	3/4	2,902.07	3/4	3,272.67	3/4	3,538.44
11	330.78	11	693.30	11	1,057.24	11	1,427.69	11	1,798.13	11	2,168.59	11	2,539.19	11	2,909.79	11	3,280.39	11	3,543.03
1/4	338.51	1/4	700.71	1/4	1,064.96	1/4	1,435.41	1/4	1,806.85	1/4	2,176.31	1/4	2,546.91	1/4	2,917.51	1/4	3,288.11	1/4	3,547.62
1/2	346.23	1/2	708.12	1/2	1,072.68	1/2	1,443.13	1/2	1,813.57	1/2	2,184.03	1/2	2,554.63	1/2	2,925.23	1/2	3,295.83	1/2	3,552.21
3/4	353.96	3/4	715.53	3/4	1,080.39	3/4	1,450.84	3/4	1,821.28	3/4	2,191.75	3/4	2,562.35	3/4	2,932.96	3/4	3,303.56	3/4	3,556.81

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN @ 2" GAUGE PIPE.

GAUGE POINT: (2" GAUGE PIPE) LOCATED 11'-00" OFF CENTERLINE AND 48'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

EMS 3041B

Enterprise Marine Services LLC



3 PORT INNAGE TABLE

FORMERLY "CTCO 3013"

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

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0	3,661.40	0	3,781.78	0		0		0		0		0		0		0		0	
1/4	3,665.99	1/4	3,786.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,670.59	1/2	3,790.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,675.18	3/4	3,795.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,679.78	1	3,800.15	1		1		1		1		1		1		1		1	
1/4	3,684.37	1/4	3,804.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.95	1/2	3,809.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.54	3/4	3,813.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,698.13	2	3,818.51	2		2		2		2		2		2		2		2	
1/4	3,692.72	1/4	3,823.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,697.31	1/2	3,827.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,611.90	3/4	3,832.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,616.49	3	3,836.88	3		3		3		3		3		3		3		3	
1/4	3,621.08	1/4	3,841.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,625.67	1/2	3,846.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,630.27	3/4	3,850.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,634.86	4	3,855.25	4		4		4		4		4		4		4		4	
1/4	3,639.45	1/4	3,859.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,644.04	1/2	3,864.43	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,648.63	3/4	3,869.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,653.22	5	3,873.61	5		5		5		5		5		5		5		5	
1/4	3,657.81	1/4	3,878.20	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,662.40	1/2	3,882.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,667.00	3/4	3,887.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,671.59	6	3,891.98	6		6		6		6		6		6		6		6	
1/4	3,676.18	1/4	3,896.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,680.77	1/2	3,901.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,685.37	3/4	3,905.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,689.96	7	3,910.34	7		7		7		7		7		7		7		7	
1/4	3,694.55	1/4	3,914.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.14	1/2	3,919.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,703.73	3/4	3,924.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,708.32	8	3,928.70	8		8		8		8		8		8		8		8	
1/4	3,712.91	1/4	3,933.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,717.50	1/2	3,937.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,722.10	3/4	3,942.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,726.69	9	3,947.06	9		9		9		9		9		9		9		9	
1/4	3,731.28	1/4	3,951.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,735.87	1/2	3,956.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,740.46	3/4	3,960.83	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,745.05	10	3,965.42	10		10		10		10		10		10		10		10	
1/4	3,749.64	1/4	3,969.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,754.23	1/2	3,974.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,758.83	3/4	3,979.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,763.42	11	3,983.76	11		11		11		11		11		11		11		11	
1/4	3,768.01	1/4	3,988.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.60	1/2	3,992.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,777.19	3/4	3,997.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/1998 EWS
DECK MEASUREMENTS: 07/11/2008 SW
REPRINTED: 07/14/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



EMS 3041B

Enterprise Marine Services LLC

3 STBD

INNAGE TABLE

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

FORMERLY "CTCO 3013"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	13.10	0	361.74	0	732.13	0	1,102.76	0	1,473.66	0	1,844.63	0	2,215.42	0	2,586.31	0	2,957.19	0	3,328.08
1/4	17.79	1/4	369.47	1/4	739.84	1/4	1,110.49	1/4	1,481.38	1/4	1,852.26	1/4	2,223.15	1/4	2,594.03	1/4	2,964.92	1/4	3,335.81
1/2	22.48	1/2	377.20	1/2	747.54	1/2	1,118.22	1/2	1,489.10	1/2	1,860.99	1/2	2,231.87	1/2	2,602.76	1/2	2,973.64	1/2	3,344.53
3/4	27.17	3/4	384.92	3/4	755.28	3/4	1,125.94	3/4	1,496.83	3/4	1,868.71	3/4	2,239.60	3/4	2,610.48	3/4	2,981.37	3/4	3,351.26
1	31.86	1	392.65	1	762.95	1	1,133.67	1	1,504.55	1	1,875.44	1	2,246.33	1	2,617.21	1	2,988.10	1	3,358.99
1/4	38.48	1/4	400.38	1/4	770.66	1/4	1,141.40	1/4	1,512.28	1/4	1,883.17	1/4	2,249.06	1/4	2,620.94	1/4	2,995.83	1/4	3,366.71
1/2	45.11	1/2	408.12	1/2	778.36	1/2	1,149.12	1/2	1,520.01	1/2	1,890.90	1/2	2,261.78	1/2	2,633.66	1/2	3,003.55	1/2	3,374.44
3/4	51.73	3/4	415.85	3/4	786.07	3/4	1,156.85	3/4	1,527.73	3/4	1,898.62	3/4	2,269.50	3/4	2,640.39	3/4	3,011.28	3/4	3,382.16
2	58.36	2	423.58	2	793.77	2	1,164.57	2	1,535.46	2	1,906.35	2	2,277.23	2	2,648.12	2	3,019.01	2	3,389.89
1/4	66.08	1/4	431.30	1/4	801.49	1/4	1,172.30	1/4	1,543.19	1/4	1,914.08	1/4	2,284.96	1/4	2,656.75	1/4	3,026.73	1/4	3,396.66
1/2	73.81	1/2	439.02	1/2	809.20	1/2	1,180.03	1/2	1,550.92	1/2	1,921.80	1/2	2,292.68	1/2	2,668.47	1/2	3,034.46	1/2	3,401.44
3/4	81.53	3/4	446.74	3/4	816.92	3/4	1,187.75	3/4	1,558.64	3/4	1,929.63	3/4	2,300.41	3/4	2,671.30	3/4	3,042.18	3/4	3,407.21
3	89.26	3	454.46	3	824.63	3	1,195.48	3	1,566.37	3	1,937.25	3	2,308.14	3	2,679.03	3	3,049.91	3	3,414.99
1/4	96.97	1/4	462.19	1/4	832.35	1/4	1,203.21	1/4	1,574.10	1/4	1,944.98	1/4	2,315.87	1/4	2,686.75	1/4	3,057.64	1/4	3,417.59
1/2	104.69	1/2	469.92	1/2	840.07	1/2	1,210.94	1/2	1,581.83	1/2	1,952.71	1/2	2,323.59	1/2	2,694.48	1/2	3,065.36	1/2	3,422.19
3/4	112.41	3/4	477.64	3/4	847.79	3/4	1,218.66	3/4	1,589.55	3/4	1,960.43	3/4	2,331.32	3/4	2,702.20	3/4	3,073.09	3/4	3,426.79
4	120.11	4	485.37	4	855.51	4	1,226.39	4	1,597.28	4	1,968.16	4	2,339.05	4	2,709.93	4	3,080.82	4	3,431.39
1/4	127.81	1/4	493.10	1/4	863.24	1/4	1,234.12	1/4	1,605.01	1/4	1,975.89	1/4	2,346.78	1/4	2,717.66	1/4	3,088.55	1/4	3,436.99
1/2	135.52	1/2	500.83	1/2	870.96	1/2	1,241.85	1/2	1,612.73	1/2	1,983.61	1/2	2,354.50	1/2	2,725.38	1/2	3,096.27	1/2	3,440.59
3/4	143.22	3/4	508.55	3/4	878.69	3/4	1,249.57	3/4	1,620.46	3/4	1,991.34	3/4	2,362.23	3/4	2,733.11	3/4	3,104.00	3/4	3,446.19
5	150.92	5	516.28	5	886.41	5	1,257.30	5	1,628.18	5	1,999.07	5	2,369.96	5	2,740.84	5	3,111.73	5	3,449.79
1/4	158.62	1/4	524.01	1/4	894.14	1/4	1,265.03	1/4	1,635.91	1/4	2,006.80	1/4	2,377.68	1/4	2,748.57	1/4	3,119.46	1/4	3,454.39
1/2	166.33	1/2	531.74	1/2	901.87	1/2	1,272.75	1/2	1,643.64	1/2	2,014.52	1/2	2,385.41	1/2	2,756.29	1/2	3,127.18	1/2	3,458.99
3/4	174.03	3/4	539.46	3/4	909.59	3/4	1,280.48	3/4	1,651.36	3/4	2,022.25	3/4	2,396.13	3/4	2,764.02	3/4	3,134.91	3/4	3,463.59
6	181.73	6	547.19	6	917.32	6	1,288.20	6	1,659.09	6	2,029.98	6	2,400.86	6	2,771.75	6	3,142.64	6	3,468.19
1/4	189.03	1/4	554.90	1/4	925.05	1/4	1,295.93	1/4	1,666.82	1/4	2,037.70	1/4	2,408.59	1/4	2,779.48	1/4	3,150.36	1/4	3,472.79
1/2	196.32	1/2	562.62	1/2	932.77	1/2	1,303.66	1/2	1,674.55	1/2	2,045.43	1/2	2,416.31	1/2	2,787.20	1/2	3,158.09	1/2	3,477.38
3/4	203.62	3/4	570.33	3/4	940.50	3/4	1,311.38	3/4	1,682.27	3/4	2,053.15	3/4	2,424.04	3/4	2,794.93	3/4	3,165.81	3/4	3,481.98
7	210.91	7	578.04	7	948.22	7	1,319.11	7	1,690.00	7	2,060.88	7	2,431.77	7	2,802.66	7	3,173.54	7	3,486.58
1/4	217.97	1/4	585.75	1/4	955.95	1/4	1,326.84	1/4	1,697.73	1/4	2,068.61	1/4	2,439.50	1/4	2,810.39	1/4	3,181.27	1/4	3,491.18
1/2	225.02	1/2	593.45	1/2	963.68	1/2	1,334.57	1/2	1,705.45	1/2	2,076.33	1/2	2,447.22	1/2	2,818.12	1/2	3,188.99	1/2	3,495.78
3/4	232.08	3/4	601.16	3/4	971.40	3/4	1,342.29	3/4	1,713.18	3/4	2,084.06	3/4	2,454.96	3/4	2,825.85	3/4	3,196.72	3/4	3,500.38
8	239.13	8	608.86	8	979.13	8	1,350.02	8	1,720.90	8	2,091.79	8	2,462.68	8	2,833.58	8	3,204.45	8	3,504.98
1/4	246.60	1/4	616.57	1/4	986.86	1/4	1,357.75	1/4	1,728.63	1/4	2,099.52	1/4	2,470.40	1/4	2,841.30	1/4	3,212.18	1/4	3,509.58
1/2	254.08	1/2	624.27	1/2	994.59	1/2	1,365.47	1/2	1,736.36	1/2	2,107.24	1/2	2,478.13	1/2	2,849.02	1/2	3,219.90	1/2	3,514.18
3/4	261.65	3/4	631.98	3/4	1,002.31	3/4	1,373.20	3/4	1,744.08	3/4	2,114.97	3/4	2,485.85	3/4	2,856.75	3/4	3,227.63	3/4	3,518.78
9	269.02	9	639.68	9	1,010.04	9	1,380.92	9	1,751.81	9	2,122.70	9	2,493.58	9	2,864.47	9	3,235.36	9	3,523.38
1/4	276.75	1/4	647.39	1/4	1,017.77	1/4	1,388.65	1/4	1,759.64	1/4	2,130.42	1/4	2,501.31	1/4	2,872.20	1/4	3,243.08	1/4	3,527.98
1/2	284.48	1/2	655.09	1/2	1,025.50	1/2	1,396.38	1/2	1,767.27	1/2	2,138.15	1/2	2,509.03	1/2	2,879.92	1/2	3,250.81	1/2	3,532.58
3/4	292.20	3/4	662.80	3/4	1,033.22	3/4	1,404.10	3/4	1,774.99	3/4	2,145.87	3/4	2,516.76	3/4	2,887.65	3/4	3,258.53	3/4	3,537.18
10	299.93	10	670.50	10	1,040.95	10	1,411.83	10	1,782.72	10	2,153.60	10	2,524.49	10	2,895.38	10	3,266.26	10	3,541.78
1/4	307.66	1/4	678.20	1/4	1,048.68	1/4	1,419.56	1/4	1,790.45	1/4	2,161.33	1/4	2,532.22	1/4	2,903.10	1/4	3,273.99	1/4	3,546.38
1/2	315.39	1/2	685.91	1/2	1,056.40	1/2	1,427.29	1/2	1,798.17	1/2	2,169.05	1/2	2,539.94	1/2	2,910.83	1/2	3,281.71	1/2	3,550.98
3/4	323.11	3/4	693.61	3/4	1,064.13	3/4	1,435.01	3/4	1,805.90	3/4	2,176.78	3/4	2,547.67	3/4	2,918.55	3/4	3,289.44	3/4	3,555.58
11	330.84	11	701.31	11	1,071.85	11	1,442.74	11	1,813.62	11	2,184.51	11	2,555.40	11	2,926.28	11	3,297.17	11	3,560.18
1/4	338.57	1/4	709.02	1/4	1,079.58	1/4	1,450.47	1/4	1,821.35	1/4	2,192.24	1/4	2,563.13	1/4	2,934.01	1/4	3,304.90	1/4	3,564.78
1/2	346.29	1/2	716.72	1/2	1,087.31	1/2	1,458.20	1/2	1,829.08	1/2	2,199.96	1/2	2,570.85	1/2	2,941.73	1/2	3,312.62	1/2	3,569.38
3/4	354.02	3/4	724.43	3/4	1,095.03	3/4	1,465.92	3/4	1,836.80	3/4	2,207.69	3/4	2,578.58	3/4	2,949.46	3/4	3,320.36	3/4	3,573.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN @ 2" GAUGE PIPE.
 GAUGE POINT: (2" GAUGE PIPE) LOCATED 11'-00" OFF CENTERLINE AND 48'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77568
<http://www.pmacorp.net>



EMS 3041B
Enterprise Marine Services LLC

3 STBD
INNAGE TABLE

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

FORMERLY "CTCO 3013"

GAUGE HEIGHT 12'-05 7/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	3,578.58	0	3,799.36	0		0		0		0		0		0		0		0	
1/4	3,583.18	1/4	3,803.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,587.78	1/2	3,808.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,592.38	3/4	3,813.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	3,596.98	1	3,817.76	1		1		1		1		1		1		1		1	
1/4	3,601.58	1/4	3,822.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,606.18	1/2	3,826.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,610.78	3/4	3,831.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	3,615.38	2	3,836.16	2		2		2		2		2		2		2		2	
1/4	3,619.98	1/4	3,840.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,624.58	1/2	3,845.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,629.18	3/4	3,849.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3,633.78	3	3,854.56	3		3		3		3		3		3		3		3	
1/4	3,638.38	1/4	3,859.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,642.97	1/2	3,863.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,647.57	3/4	3,868.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	3,652.17	4	3,872.96	4		4		4		4		4		4		4		4	
1/4	3,656.77	1/4	3,877.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,661.37	1/2	3,882.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,665.97	3/4	3,886.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	3,670.57	5	3,891.36	5		5		5		5		5		5		5		5	
1/4	3,675.17	1/4	3,895.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,679.77	1/2	3,900.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,684.37	3/4	3,905.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	3,688.97	6	3,909.76	6		6		6		6		6		6		6		6	
1/4	3,693.57	1/4	3,914.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,698.17	1/2	3,918.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,702.77	3/4	3,923.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	3,707.37	7	3,928.16	7		7		7		7		7		7		7		7	
1/4	3,711.97	1/4	3,932.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.57	1/2	3,937.26	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,721.17	3/4	3,941.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	3,725.77	8	3,946.36	8		8		8		8		8		8		8		8	
1/4	3,730.37	1/4	3,950.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,734.97	1/2	3,954.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,739.57	3/4	3,958.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	3,744.17	9	3,962.84	9		9		9		9		9		9		9		9	
1/4	3,748.77	1/4	3,966.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,753.37	1/2	3,969.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,757.97	3/4	3,972.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	3,762.57	10	3,976.25	10		10		10		10		10		10		10		10	
1/4	3,767.17	1/4	3,978.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.77	1/2	3,980.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	3,780.97	11		11		11		11		11		11		11		11		11	
1/4	3,785.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,790.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,794.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/06/1998 EWS
DECK MEASUREMENTS: 07/11/2008 SW
REPRINTED: 07/14/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmcorp.net>

EMS 3041B

Enterprise Marine Services LLC



5,000 GALLON FUEL TANK

CAPACITIES GIVEN IN WHOLE GALLONS		FORMERLY "CTCO 3013"										GAUGE HEIGHT 2'-11 1/2"	
0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.				
0	0	2,376	0	4,753	0	0	0	0	0	0	0	0	0
1/4	50	2,426	1/4	4,802	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	99	2,475	1/2	4,852	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149	2,525	3/4	4,901	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	198	2,574	1	4,951	1	1	1	1	1	1	1	1	1
1 1/4	248	2,624	1 1/4	5,000	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	297	2,673	1 1/2	5,050	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	347	2,723	3/4	5,099	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	397	2,773	2	5,149	2	2	2	2	2	2	2	2	2
1 1/4	445	2,822	1 1/4	5,198	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	494	2,872	1 1/2	5,248	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	543	2,921	3/4	5,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	592	2,971	3	5,347	3	3	3	3	3	3	3	3	3
1 1/4	641	3,020	1 1/4	5,396	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	691	3,070	1 1/2	5,445	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	740	3,119	3/4	5,495	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	790	3,169	4	5,544	4	4	4	4	4	4	4	4	4
1 1/4	839	3,218	1 1/4	5,594	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	889	3,268	1 1/2	5,643	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	939	3,317	3/4	5,693	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	988	3,367	5	5,742	5	5	5	5	5	5	5	5	5
1 1/4	1,038	3,416	1 1/4	5,792	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,087	3,466	1 1/2	5,842	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,137	3,515	3/4	5,891	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,186	3,565	6	5,940	6	6	6	6	6	6	6	6	6
1 1/4	1,236	3,614	1 1/4	5,989	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,286	3,664	1 1/2	6,038	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,335	3,713	3/4	6,087	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,385	3,763	7	6,136	7	7	7	7	7	7	7	7	7
1 1/4	1,434	3,812	1 1/4	6,185	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,484	3,862	1 1/2	6,234	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,533	3,911	3/4	6,283	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,583	3,961	8	6,332	8	8	8	8	8	8	8	8	8
1 1/4	1,633	4,010	1 1/4	6,381	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,682	4,060	1 1/2	6,430	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,732	4,109	3/4	6,479	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,781	4,159	9	6,528	9	9	9	9	9	9	9	9	9
1 1/4	1,831	4,208	1 1/4	6,577	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,880	4,258	1 1/2	6,626	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,930	4,307	3/4	6,675	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,979	4,357	10	6,724	10	10	10	10	10	10	10	10	10
1 1/4	2,029	4,406	1 1/4	6,773	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,079	4,456	1 1/2	6,822	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,128	4,505	3/4	6,871	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,178	4,555	11	6,920	11	11	11	11	11	11	11	11	11
1 1/4	2,227	4,604	1 1/4	6,969	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	2,277	4,654	1 1/2	7,018	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	2,326	4,703	3/4	7,067	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2008 SW
CALCULATED: 07/09/2008 CL
PRINTED: 07/09/2008 CL

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588

http://www.pmacorp.net

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
GAUGE POINT: (PORT ENTRY HATCH) TOP LIP OPPOSITE THE HINGE.