



BARGE "WEB 316"

1 CENTER INNAGE TABLE

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

GAUGE HEIGHT 16'-00 1/2"

H	10 FT.	H	11 FT.	H	12 FT.	H	13 FT.	H	14 FT.	H	15 FT.	H	16 FT.	H	17 FT.	H	18 FT.	H	19 FT.
0	5,079.84	0	5,607.84	0	6,135.25	0	6,662.95	0	7,190.66	0		0		0		0		0	
1/4	5,090.83	1/4	5,618.53	1/4	6,146.24	1/4	6,673.94	1/4	7,200.55	1/4		1/4		1/4		1/4		1/4	
1/2	5,101.83	1/2	5,629.63	1/2	6,157.23	1/2	6,684.94	1/2	7,210.44	1/2		1/2		1/2		1/2		1/2	
3/4	5,112.82	3/4	5,640.52	3/4	6,168.23	3/4	6,695.93	3/4	7,220.34	3/4		3/4		3/4		3/4		3/4	
1	5,123.82	1	5,651.52	1	6,179.22	1	6,706.93	1	7,230.23	1		1		1		1		1	
1 1/4	5,134.81	1 1/4	5,662.51	1 1/4	6,190.21	1 1/4	6,717.92	1 1/4	7,238.37	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,145.80	1 1/2	5,673.50	1 1/2	6,201.21	1 1/2	6,728.91	1 1/2	7,246.50	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,156.80	3/4	5,684.50	3/4	6,212.20	3/4	6,739.91	3/4	7,254.64	3/4		3/4		3/4		3/4		3/4	
2	5,167.79	2	5,695.49	2	6,223.20	2	6,750.90	2	7,262.77	2		2		2		2		2	
1 1/4	5,178.78	1 1/4	5,706.48	1 1/4	6,234.19	1 1/4	6,761.89	1 1/4	7,269.15	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,189.78	1 1/2	5,717.48	1 1/2	6,245.18	1 1/2	6,772.89	1 1/2	7,275.63	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,200.77	3/4	5,728.47	3/4	6,256.18	3/4	6,783.88	3/4	7,281.80	3/4		3/4		3/4		3/4		3/4	
3	5,211.77	3	5,739.47	3	6,267.17	3	6,794.88	3	7,288.28	3		3		3		3		3	
1 1/4	5,222.76	1 1/4	5,750.46	1 1/4	6,278.16	1 1/4	6,805.87	1 1/4	7,292.90	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,233.76	1 1/2	5,761.45	1 1/2	6,289.16	1 1/2	6,816.86	1 1/2	7,297.52	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,244.75	3/4	5,772.45	3/4	6,300.15	3/4	6,827.86	3/4	7,302.13	3/4		3/4		3/4		3/4		3/4	
4	5,255.74	4	5,783.44	4	6,311.15	4	6,838.86	4	7,308.75	4		4		4		4		4	
1 1/4	5,266.73	1 1/4	5,794.43	1 1/4	6,322.14	1 1/4	6,849.84	1 1/4	7,309.76	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,277.73	1 1/2	5,805.43	1 1/2	6,333.13	1 1/2	6,860.84	1 1/2	7,312.78	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,288.72	3/4	5,816.42	3/4	6,344.13	3/4	6,871.83	3/4	7,315.79	3/4		3/4		3/4		3/4		3/4	
5	5,299.72	5	5,827.42	5	6,355.12	5	6,882.83	5	7,318.80	5		5		5		5		5	
1 1/4	5,310.71	1 1/4	5,838.41	1 1/4	6,366.11	1 1/4	6,893.82	1 1/4	7,320.45	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,321.70	1 1/2	5,849.41	1 1/2	6,377.11	1 1/2	6,904.81	1 1/2	7,322.11	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,332.70	3/4	5,860.40	3/4	6,388.10	3/4	6,915.81	3/4	7,323.76	3/4		3/4		3/4		3/4		3/4	
6	5,343.69	6	5,871.40	6	6,399.10	6	6,926.80	6	7,325.41	6		6		6		6		6	
1 1/4	5,354.68	1 1/4	5,882.39	1 1/4	6,410.09	1 1/4	6,937.79	1 1/4	7,325.99	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,365.68	1 1/2	5,893.38	1 1/2	6,421.08	1 1/2	6,948.79	1 1/2	7,326.67	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,376.67	3/4	5,904.38	3/4	6,432.08	3/4	6,959.78	3/4	7,327.16	3/4		3/4		3/4		3/4		3/4	
7	5,387.67	7	5,915.37	7	6,443.07	7	6,970.78	7	7,327.73	7		7		7		7		7	
1 1/4	5,398.66	1 1/4	5,926.36	1 1/4	6,454.06	1 1/4	6,981.77	1 1/4	7,327.94	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,409.66	1 1/2	5,937.36	1 1/2	6,465.06	1 1/2	6,992.76	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,420.66	3/4	5,948.35	3/4	6,476.06	3/4	7,003.76	3/4		3/4		3/4		3/4		3/4		3/4	
8	5,431.64	8	5,959.35	8	6,487.05	8	7,014.75	8		8		8		8		8		8	
1 1/4	5,442.63	1 1/4	5,970.34	1 1/4	6,498.04	1 1/4	7,025.75	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,453.63	1 1/2	5,981.33	1 1/2	6,509.04	1 1/2	7,036.74	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,464.62	3/4	5,992.33	3/4	6,520.03	3/4	7,047.74	3/4		3/4		3/4		3/4		3/4		3/4	
9	5,475.62	9	6,003.32	9	6,531.03	9	7,058.73	9		9		9		9		9		9	
1 1/4	5,486.61	1 1/4	6,014.31	1 1/4	6,542.02	1 1/4	7,069.72	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,497.60	1 1/2	6,025.31	1 1/2	6,553.01	1 1/2	7,080.72	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,508.60	3/4	6,036.30	3/4	6,564.01	3/4	7,091.71	3/4		3/4		3/4		3/4		3/4		3/4	
10	5,519.59	10	6,047.30	10	6,575.00	10	7,102.70	10		10		10		10		10		10	
1 1/4	5,530.58	1 1/4	6,058.29	1 1/4	6,585.99	1 1/4	7,113.70	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,541.58	1 1/2	6,069.28	1 1/2	6,596.99	1 1/2	7,124.69	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,552.57	3/4	6,080.28	3/4	6,607.98	3/4	7,135.69	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,563.57	11	6,091.27	11	6,618.98	11	7,146.68	11		11		11		11		11		11	
1 1/4	5,574.56	1 1/4	6,102.26	1 1/4	6,629.97	1 1/4	7,157.67	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	5,585.55	1 1/2	6,113.26	1 1/2	6,640.96	1 1/2	7,168.67	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	5,596.55	3/4	6,124.25	3/4	6,651.95	3/4	7,179.66	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2003 ITS
DECK MEASUREMENTS: 06/25/2008 SW
REPRINTED: 07/27/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
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BARGE "WEB 316"

2 PORT INNAGE TABLE

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

GAUGE HEIGHT 15'-08 3/4"

H	0 FT.	H	1 FT.	H	2 FT.	H	3 FT.	H	4 FT.	H	5 FT.	H	6 FT.	H	7 FT.	H	8 FT.	H	9 FT.
0	**7.10	0	255.28	0	510.56	0	765.84	0	1,021.12	0	1,276.40	0	1,531.68	0	1,786.96	0	2,042.24	0	2,297.52
1/4	10.31	1/4	280.79	1/4	525.48	1/4	789.28	1/4	1,053.08	1/4	1,316.88	1/4	1,580.68	1/4	1,844.48	1/4	2,108.28	1/4	2,372.08
1/2	13.61	1/2	266.31	1/2	530.98	1/2	794.77	1/2	1,059.40	1/2	1,324.22	1/2	1,589.04	1/2	1,853.66	1/2	2,118.68	1/2	2,383.60
3/4	16.72	3/4	271.82	3/4	536.49	3/4	800.27	3/4	1,064.91	3/4	1,329.73	3/4	1,594.55	3/4	1,859.38	3/4	2,124.20	3/4	2,389.02
1	19.92	1	277.33	1	542.01	1	805.76	1	1,070.43	1	1,335.26	1	1,600.07	1	1,864.90	1	2,129.72	1	2,394.64
1/4	24.67	1/4	282.85	1/4	547.52	1/4	811.25	1/4	1,076.95	1/4	1,340.77	1/4	1,606.69	1/4	1,870.41	1/4	2,135.24	1/4	2,400.06
1/2	29.41	1/2	288.36	1/2	553.04	1/2	816.74	1/2	1,081.47	1/2	1,346.29	1/2	1,611.10	1/2	1,876.93	1/2	2,140.76	1/2	2,406.67
3/4	34.16	3/4	293.88	3/4	558.55	3/4	822.24	3/4	1,088.98	3/4	1,351.80	3/4	1,616.62	3/4	1,881.44	3/4	2,146.27	3/4	2,411.09
2	38.90	2	299.39	2	564.07	2	827.73	2	1,092.50	2	1,357.32	2	1,622.14	2	1,886.96	2	2,151.79	2	2,416.61
1/4	43.92	1/4	304.91	1/4	569.57	1/4	833.23	1/4	1,098.02	1/4	1,362.84	1/4	1,627.66	1/4	1,892.48	1/4	2,157.30	1/4	2,422.13
1/2	48.94	1/2	310.42	1/2	575.07	1/2	838.74	1/2	1,103.54	1/2	1,368.35	1/2	1,633.17	1/2	1,897.99	1/2	2,162.82	1/2	2,427.64
3/4	53.95	3/4	316.94	3/4	580.57	3/4	844.24	3/4	1,109.05	3/4	1,373.87	3/4	1,638.69	3/4	1,903.51	3/4	2,168.33	3/4	2,433.16
3	58.97	3	321.45	3	586.07	3	849.75	3	1,114.67	3	1,379.39	3	1,644.21	3	1,909.03	3	2,173.85	3	2,438.68
1/4	64.14	1/4	326.96	1/4	591.56	1/4	855.26	1/4	1,120.09	1/4	1,384.91	1/4	1,649.73	1/4	1,914.55	1/4	2,179.37	1/4	2,444.19
1/2	69.31	1/2	332.46	1/2	597.08	1/2	860.78	1/2	1,126.61	1/2	1,390.42	1/2	1,655.24	1/2	1,920.06	1/2	2,184.88	1/2	2,449.71
3/4	74.48	3/4	337.99	3/4	602.54	3/4	866.28	3/4	1,131.12	3/4	1,395.94	3/4	1,660.76	3/4	1,925.58	3/4	2,190.40	3/4	2,455.22
4	79.65	4	343.50	4	608.03	4	871.81	4	1,136.64	4	1,401.46	4	1,666.28	4	1,931.10	4	2,195.92	4	2,460.74
1/4	84.98	1/4	349.01	1/4	613.52	1/4	877.33	1/4	1,142.16	1/4	1,406.98	1/4	1,671.80	1/4	1,936.62	1/4	2,201.44	1/4	2,466.26
1/2	90.31	1/2	354.53	1/2	619.01	1/2	882.84	1/2	1,147.67	1/2	1,412.49	1/2	1,677.31	1/2	1,942.13	1/2	2,206.96	1/2	2,471.77
3/4	95.64	3/4	360.04	3/4	624.51	3/4	888.36	3/4	1,153.19	3/4	1,418.01	3/4	1,682.83	3/4	1,947.65	3/4	2,212.47	3/4	2,477.29
5	100.97	5	365.55	5	630.00	5	893.88	5	1,158.70	5	1,423.53	5	1,688.35	5	1,953.17	5	2,217.99	5	2,482.81
1/4	106.46	1/4	371.07	1/4	635.49	1/4	899.40	1/4	1,164.22	1/4	1,429.04	1/4	1,693.87	1/4	1,958.69	1/4	2,223.51	1/4	2,488.33
1/2	111.96	1/2	376.58	1/2	640.98	1/2	904.91	1/2	1,169.74	1/2	1,434.56	1/2	1,699.38	1/2	1,964.20	1/2	2,229.02	1/2	2,493.84
3/4	117.45	3/4	382.10	3/4	646.48	3/4	910.43	3/4	1,175.25	3/4	1,440.07	3/4	1,704.90	3/4	1,969.72	3/4	2,234.54	3/4	2,499.36
6	122.94	6	387.61	6	651.97	6	915.95	6	1,180.77	6	1,445.59	6	1,710.42	6	1,975.24	6	2,240.06	6	2,504.88
1/4	128.45	1/4	393.12	1/4	657.46	1/4	921.47	1/4	1,186.29	1/4	1,451.11	1/4	1,716.94	1/4	1,980.76	1/4	2,245.58	1/4	2,510.40
1/2	133.97	1/2	398.64	1/2	662.95	1/2	926.98	1/2	1,191.81	1/2	1,456.62	1/2	1,721.45	1/2	1,986.27	1/2	2,251.09	1/2	2,515.91
3/4	139.48	3/4	404.16	3/4	668.45	3/4	932.50	3/4	1,197.32	3/4	1,462.14	3/4	1,726.97	3/4	1,991.79	3/4	2,256.61	3/4	2,521.43
7	144.99	7	409.67	7	673.94	7	938.02	7	1,202.84	7	1,467.66	7	1,732.49	7	1,997.31	7	2,262.13	7	2,526.95
1/4	150.51	1/4	415.18	1/4	679.43	1/4	943.54	1/4	1,208.36	1/4	1,473.18	1/4	1,738.00	1/4	2,002.83	1/4	2,267.65	1/4	2,532.47
1/2	156.02	1/2	420.70	1/2	684.92	1/2	949.05	1/2	1,213.88	1/2	1,478.69	1/2	1,743.52	1/2	2,008.34	1/2	2,273.16	1/2	2,537.98
3/4	161.54	3/4	426.21	3/4	690.42	3/4	954.57	3/4	1,219.39	3/4	1,484.21	3/4	1,749.03	3/4	2,013.86	3/4	2,278.68	3/4	2,543.50
8	167.05	8	431.73	8	695.91	8	960.09	8	1,224.91	8	1,489.73	8	1,754.56	8	2,019.38	8	2,284.20	8	2,549.02
1/4	172.57	1/4	437.24	1/4	701.40	1/4	965.61	1/4	1,230.43	1/4	1,495.26	1/4	1,760.07	1/4	2,024.89	1/4	2,289.72	1/4	2,554.54
1/2	178.08	1/2	442.75	1/2	706.89	1/2	971.12	1/2	1,235.95	1/2	1,500.78	1/2	1,765.68	1/2	2,030.41	1/2	2,295.23	1/2	2,560.05
3/4	183.60	3/4	448.27	3/4	712.39	3/4	976.64	3/4	1,241.46	3/4	1,506.28	3/4	1,771.10	3/4	2,035.92	3/4	2,300.76	3/4	2,565.67
9	189.11	9	453.78	9	717.88	9	982.16	9	1,246.98	9	1,511.80	9	1,776.62	9	2,041.44	9	2,306.27	9	2,571.09
1/4	194.62	1/4	459.29	1/4	723.37	1/4	987.68	1/4	1,252.50	1/4	1,517.32	1/4	1,782.14	1/4	2,046.96	1/4	2,311.78	1/4	2,576.61
1/2	200.14	1/2	464.81	1/2	728.85	1/2	993.19	1/2	1,258.02	1/2	1,522.83	1/2	1,787.66	1/2	2,052.47	1/2	2,317.30	1/2	2,582.12
3/4	205.65	3/4	470.32	3/4	734.36	3/4	998.71	3/4	1,263.53	3/4	1,528.35	3/4	1,793.17	3/4	2,057.99	3/4	2,322.81	3/4	2,587.64
10	211.16	10	475.84	10	739.86	10	1,004.23	10	1,269.05	10	1,533.87	10	1,798.69	10	2,063.51	10	2,328.33	10	2,593.16
1/4	216.68	1/4	481.35	1/4	745.34	1/4	1,009.75	1/4	1,274.57	1/4	1,539.39	1/4	1,804.21	1/4	2,069.03	1/4	2,333.85	1/4	2,598.67
1/2	222.19	1/2	486.87	1/2	750.83	1/2	1,015.26	1/2	1,280.09	1/2	1,544.90	1/2	1,809.72	1/2	2,074.54	1/2	2,339.36	1/2	2,604.19
3/4	227.71	3/4	492.38	3/4	756.33	3/4	1,020.78	3/4	1,285.60	3/4	1,550.42	3/4	1,815.24	3/4	2,080.06	3/4	2,344.88	3/4	2,609.70
11	233.22	11	497.90	11	761.82	11	1,026.29	11	1,291.12	11	1,555.94	11	1,820.76	11	2,085.58	11	2,350.40	11	2,615.22
1/4	238.74	1/4	503.41	1/4	767.31	1/4	1,031.81	1/4	1,296.64	1/4	1,561.46	1/4	1,826.28	1/4	2,091.10	1/4	2,355.92	1/4	2,620.74
1/2	244.25	1/2	508.92	1/2	772.80	1/2	1,037.33	1/2	1,302.15	1/2	1,566.97	1/2	1,831.79	1/2	2,096.61	1/2	2,361.43	1/2	2,626.25
3/4	249.77	3/4	514.44	3/4	778.30	3/4	1,042.84	3/4	1,307.67	3/4	1,572.49	3/4	1,837.31	3/4	2,102.13	3/4	2,366.95	3/4	2,631.77

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

** VOLUME BELOW ZERO STRIKE POINT.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
COMPARTMENT BOTTOM SLOPES 3" FROM TANK SIDE TO CENTERLINE BULKHEAD.
CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.
GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 316"

2 PORT INNAGE TABLE

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

GAUGE HEIGHT 15'-08 3/4"

N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.	N	15 FT.	N	16 FT.	N	17 FT.	N	18 FT.	N	19 FT.
0	2,637.29	0	2,902.11	0	3,166.94	0	3,431.76	0	3,696.58	0		0		0		0		0	
1/4	2,642.81	1/4	2,907.63	1/4	3,172.46	1/4	3,437.28	1/4	3,701.42	1/4		1/4		1/4		1/4		1/4	
1/2	2,648.32	1/2	2,913.14	1/2	3,177.97	1/2	3,442.79	1/2	3,706.27	1/2		1/2		1/2		1/2		1/2	
3/4	2,653.84	3/4	2,918.66	3/4	3,183.48	3/4	3,448.31	3/4	3,711.11	3/4		3/4		3/4		3/4		3/4	
1	2,659.36	1	2,924.18	1	3,189.00	1	3,453.83	1	3,715.98	1		1		1		1		1	
1/4	2,664.88	1/4	2,929.70	1/4	3,194.52	1/4	3,459.34	1/4	3,719.73	1/4		1/4		1/4		1/4		1/4	
1/2	2,670.39	1/2	2,935.21	1/2	3,200.03	1/2	3,464.86	1/2	3,723.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,675.91	3/4	2,940.73	3/4	3,205.55	3/4	3,470.37	3/4	3,727.26	3/4		3/4		3/4		3/4		3/4	
2	2,681.43	2	2,946.26	2	3,211.07	2	3,475.89	2	3,731.03	2		2		2		2		2	
1/4	2,686.95	1/4	2,951.77	1/4	3,216.59	1/4	3,481.41	1/4	3,733.72	1/4		1/4		1/4		1/4		1/4	
1/2	2,692.46	1/2	2,957.28	1/2	3,222.10	1/2	3,486.92	1/2	3,738.41	1/2		1/2		1/2		1/2		1/2	
3/4	2,697.98	3/4	2,962.80	3/4	3,227.62	3/4	3,492.44	3/4	3,739.10	3/4		3/4		3/4		3/4		3/4	
3	2,703.50	3	2,968.32	3	3,233.14	3	3,497.96	3	3,741.79	3		3		3		3		3	
1/4	2,709.02	1/4	2,973.84	1/4	3,238.66	1/4	3,503.48	1/4	3,743.40	1/4		1/4		1/4		1/4		1/4	
1/2	2,714.53	1/2	2,979.35	1/2	3,244.17	1/2	3,508.99	1/2	3,745.02	1/2		1/2		1/2		1/2		1/2	
3/4	2,720.05	3/4	2,984.87	3/4	3,249.69	3/4	3,514.51	3/4	3,746.63	3/4		3/4		3/4		3/4		3/4	
4	2,725.57	4	2,990.39	4	3,255.21	4	3,520.03	4	3,748.26	4		4		4		4		4	
1/4	2,731.09	1/4	2,995.91	1/4	3,260.73	1/4	3,525.55	1/4	3,748.83	1/4		1/4		1/4		1/4		1/4	
1/2	2,736.60	1/2	3,001.42	1/2	3,266.24	1/2	3,531.06	1/2	3,749.42	1/2		1/2		1/2		1/2		1/2	
3/4	2,742.12	3/4	3,006.94	3/4	3,271.76	3/4	3,536.58	3/4	3,750.00	3/4		3/4		3/4		3/4		3/4	
5	2,747.64	5	3,012.46	5	3,277.28	5	3,542.10	5	3,750.59	5		5		5		5		5	
1/4	2,753.16	1/4	3,017.98	1/4	3,282.80	1/4	3,547.62	1/4	3,750.77	1/4		1/4		1/4		1/4		1/4	
1/2	2,758.67	1/2	3,023.49	1/2	3,288.31	1/2	3,553.13	1/2	3,750.94	1/2		1/2		1/2		1/2		1/2	
3/4	2,764.18	3/4	3,029.01	3/4	3,293.83	3/4	3,558.65	3/4	3,751.12	3/4		3/4		3/4		3/4		3/4	
6	2,769.70	6	3,034.53	6	3,299.35	6	3,564.17	6	3,751.30	6		6		6		6		6	
1/4	2,775.22	1/4	3,040.04	1/4	3,304.87	1/4	3,569.69	1/4	3,751.38	1/4		1/4		1/4		1/4		1/4	
1/2	2,780.73	1/2	3,045.56	1/2	3,310.38	1/2	3,575.20	1/2	3,751.42	1/2		1/2		1/2		1/2		1/2	
3/4	2,786.25	3/4	3,051.07	3/4	3,315.90	3/4	3,580.72	3/4	3,751.49	3/4		3/4		3/4		3/4		3/4	
7	2,791.77	7	3,056.59	7	3,321.42	7	3,586.24	7	3,751.55	7		7		7		7		7	
1/4	2,797.29	1/4	3,062.11	1/4	3,326.93	1/4	3,591.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,802.80	1/2	3,067.62	1/2	3,332.46	1/2	3,597.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,808.32	3/4	3,073.14	3/4	3,337.98	3/4	3,602.79	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,813.84	8	3,078.66	8	3,343.48	8	3,608.31	8		8		8		8		8		8	
1/4	2,819.36	1/4	3,084.18	1/4	3,349.00	1/4	3,613.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,824.87	1/2	3,089.69	1/2	3,354.51	1/2	3,619.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,830.39	3/4	3,095.21	3/4	3,360.03	3/4	3,624.86	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,835.91	9	3,100.73	9	3,365.55	9	3,630.37	9		9		9		9		9		9	
1/4	2,841.43	1/4	3,106.25	1/4	3,371.07	1/4	3,635.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,846.94	1/2	3,111.76	1/2	3,376.58	1/2	3,641.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,852.46	3/4	3,117.28	3/4	3,382.10	3/4	3,646.92	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,857.98	10	3,122.80	10	3,387.62	10	3,652.44	10		10		10		10		10		10	
1/4	2,863.50	1/4	3,128.32	1/4	3,393.14	1/4	3,657.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,869.01	1/2	3,133.83	1/2	3,398.65	1/2	3,663.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,874.53	3/4	3,139.35	3/4	3,404.17	3/4	3,668.99	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,880.05	11	3,144.87	11	3,409.69	11	3,674.51	11		11		11		11		11		11	
1/4	2,885.56	1/4	3,150.39	1/4	3,415.21	1/4	3,680.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,891.08	1/2	3,155.90	1/2	3,420.72	1/2	3,685.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,896.59	3/4	3,161.42	3/4	3,426.24	3/4	3,691.06	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2003 ITS
DECK MEASUREMENTS: 06/25/2008 SW
REPRINTED: 07/27/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "WEB 316"

2 STBD INNAGE TABLE

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

GAUGE HEIGHT 15'-08 1/2"

H	0 FT.	H	1 FT.	H	2 FT.	H	3 FT.	H	4 FT.	H	5 FT.	H	6 FT.	H	7 FT.	H	8 FT.	H	9 FT.
0	*7.10	0	266.21	0	619.79	0	783.63	0	1,048.02	0	1,312.74	0	1,577.47	0	1,842.19	0	2,106.92	0	2,371.64
1/4	10.31	1/4	289.72	1/4	625.30	1/4	789.02	1/4	1,053.54	1/4	1,318.26	1/4	1,582.99	1/4	1,847.71	1/4	2,112.43	1/4	2,377.16
1/2	13.51	1/2	289.24	1/2	630.81	1/2	794.51	1/2	1,059.05	1/2	1,323.77	1/2	1,588.50	1/2	1,853.22	1/2	2,117.94	1/2	2,382.68
3/4	16.72	3/4	271.75	3/4	636.33	3/4	800.01	3/4	1,064.57	3/4	1,329.20	3/4	1,594.02	3/4	1,858.74	3/4	2,123.45	3/4	2,388.19
1	19.92	1	277.26	1	641.84	1	805.60	1	1,070.08	1	1,334.80	1	1,599.53	1	1,864.25	1	2,128.96	1	2,393.71
1/4	24.67	1/4	282.77	1/4	647.35	1/4	810.99	1/4	1,075.60	1/4	1,340.32	1/4	1,605.05	1/4	1,869.77	1/4	2,134.48	1/4	2,399.23
1/2	29.41	1/2	288.28	1/2	652.87	1/2	816.48	1/2	1,081.11	1/2	1,345.83	1/2	1,610.56	1/2	1,875.28	1/2	2,140.00	1/2	2,404.74
3/4	34.16	3/4	283.79	3/4	658.38	3/4	821.97	3/4	1,086.63	3/4	1,351.35	3/4	1,616.08	3/4	1,880.80	3/4	2,145.52	3/4	2,410.26
2	38.90	2	289.30	2	663.89	2	827.46	2	1,092.14	2	1,356.86	2	1,621.59	2	1,886.31	2	2,151.04	2	2,415.77
1/4	43.62	1/4	304.81	1/4	669.39	1/4	832.96	1/4	1,097.65	1/4	1,362.38	1/4	1,627.11	1/4	1,891.83	1/4	2,156.56	1/4	2,421.29
1/2	48.94	1/2	310.33	1/2	674.89	1/2	838.46	1/2	1,103.17	1/2	1,367.89	1/2	1,632.62	1/2	1,897.34	1/2	2,162.07	1/2	2,426.80
3/4	53.95	3/4	315.84	3/4	680.39	3/4	843.97	3/4	1,108.69	3/4	1,373.41	3/4	1,638.14	3/4	1,902.86	3/4	2,167.59	3/4	2,432.32
3	58.97	3	321.35	3	685.89	3	849.47	3	1,114.20	3	1,378.92	3	1,643.65	3	1,908.37	3	2,173.10	3	2,437.83
1/4	64.14	1/4	326.86	1/4	691.38	1/4	854.99	1/4	1,119.72	1/4	1,384.44	1/4	1,649.17	1/4	1,913.89	1/4	2,178.62	1/4	2,443.35
1/2	69.31	1/2	332.38	1/2	696.87	1/2	860.50	1/2	1,125.23	1/2	1,389.95	1/2	1,654.68	1/2	1,919.40	1/2	2,184.13	1/2	2,448.86
3/4	74.48	3/4	337.89	3/4	702.35	3/4	866.02	3/4	1,130.75	3/4	1,395.47	3/4	1,660.20	3/4	1,924.92	3/4	2,189.65	3/4	2,454.39
4	79.65	4	343.40	4	707.84	4	871.53	4	1,136.26	4	1,400.98	4	1,665.71	4	1,930.43	4	2,195.16	4	2,459.89
1/4	84.98	1/4	348.91	1/4	713.33	1/4	877.05	1/4	1,141.78	1/4	1,406.50	1/4	1,671.23	1/4	1,935.95	1/4	2,200.68	1/4	2,465.41
1/2	90.31	1/2	354.43	1/2	718.82	1/2	882.56	1/2	1,147.29	1/2	1,412.01	1/2	1,676.74	1/2	1,941.47	1/2	2,206.19	1/2	2,470.92
3/4	95.63	3/4	359.94	3/4	724.31	3/4	888.07	3/4	1,152.81	3/4	1,417.53	3/4	1,682.26	3/4	1,946.98	3/4	2,211.71	3/4	2,476.44
5	100.96	5	365.45	5	729.80	5	893.59	5	1,158.32	5	1,423.04	5	1,687.77	5	1,952.50	5	2,217.22	5	2,481.95
1/4	106.45	1/4	370.96	1/4	735.29	1/4	899.10	1/4	1,163.84	1/4	1,428.56	1/4	1,693.29	1/4	1,958.02	1/4	2,222.74	1/4	2,487.47
1/2	111.84	1/2	376.48	1/2	740.78	1/2	904.62	1/2	1,169.35	1/2	1,434.07	1/2	1,698.80	1/2	1,963.53	1/2	2,228.25	1/2	2,492.98
3/4	117.43	3/4	381.99	3/4	746.27	3/4	910.13	3/4	1,174.87	3/4	1,439.59	3/4	1,704.32	3/4	1,969.05	3/4	2,233.77	3/4	2,498.50
6	122.92	6	387.50	6	751.76	6	915.65	6	1,180.38	6	1,445.10	6	1,709.83	6	1,974.56	6	2,239.28	6	2,504.01
1/4	128.43	1/4	393.01	1/4	757.25	1/4	921.16	1/4	1,185.90	1/4	1,450.62	1/4	1,715.35	1/4	1,980.07	1/4	2,244.80	1/4	2,509.53
1/2	133.95	1/2	398.52	1/2	762.74	1/2	926.68	1/2	1,191.41	1/2	1,456.13	1/2	1,720.86	1/2	1,985.58	1/2	2,250.31	1/2	2,515.04
3/4	139.46	3/4	404.04	3/4	768.23	3/4	932.19	3/4	1,196.93	3/4	1,461.65	3/4	1,726.38	3/4	1,991.09	3/4	2,255.83	3/4	2,520.56
7	144.97	7	409.55	7	773.72	7	937.71	7	1,202.44	7	1,467.16	7	1,731.89	7	1,996.60	7	2,261.34	7	2,526.07
1/4	150.48	1/4	415.06	1/4	779.21	1/4	943.22	1/4	1,207.95	1/4	1,472.68	1/4	1,737.41	1/4	2,002.12	1/4	2,266.86	1/4	2,531.59
1/2	155.99	1/2	420.57	1/2	784.70	1/2	948.74	1/2	1,213.47	1/2	1,478.20	1/2	1,742.92	1/2	2,007.64	1/2	2,272.37	1/2	2,537.10
3/4	161.50	3/4	426.09	3/4	790.19	3/4	954.25	3/4	1,218.99	3/4	1,483.71	3/4	1,748.44	3/4	2,013.16	3/4	2,277.89	3/4	2,542.62
8	167.01	8	431.60	8	795.68	8	959.77	8	1,224.50	8	1,489.23	8	1,753.95	8	2,018.68	8	2,283.40	8	2,548.13
1/4	172.52	1/4	437.11	1/4	801.17	1/4	965.28	1/4	1,230.02	1/4	1,494.75	1/4	1,759.47	1/4	2,024.20	1/4	2,288.92	1/4	2,553.65
1/2	178.04	1/2	442.62	1/2	806.67	1/2	970.80	1/2	1,235.53	1/2	1,500.26	1/2	1,764.98	1/2	2,029.71	1/2	2,294.43	1/2	2,559.16
3/4	183.55	3/4	448.13	3/4	812.16	3/4	976.31	3/4	1,241.05	3/4	1,505.78	3/4	1,770.50	3/4	2,035.23	3/4	2,299.95	3/4	2,564.68
9	189.06	9	453.64	9	817.65	9	981.83	9	1,246.56	9	1,511.29	9	1,776.01	9	2,040.74	9	2,305.46	9	2,570.19
1/4	194.57	1/4	459.15	1/4	823.14	1/4	987.34	1/4	1,252.08	1/4	1,516.81	1/4	1,781.53	1/4	2,046.26	1/4	2,310.98	1/4	2,575.71
1/2	200.09	1/2	464.66	1/2	828.63	1/2	992.86	1/2	1,257.59	1/2	1,522.32	1/2	1,787.04	1/2	2,051.77	1/2	2,316.49	1/2	2,581.22
3/4	205.60	3/4	470.18	3/4	834.12	3/4	998.37	3/4	1,263.11	3/4	1,527.84	3/4	1,792.56	3/4	2,057.29	3/4	2,322.01	3/4	2,586.74
10	211.11	10	475.69	10	839.61	10	1,003.89	10	1,268.62	10	1,533.35	10	1,798.07	10	2,062.80	10	2,327.52	10	2,592.25
1/4	216.62	1/4	481.20	1/4	845.10	1/4	1,009.41	1/4	1,274.14	1/4	1,538.87	1/4	1,803.59	1/4	2,068.32	1/4	2,333.04	1/4	2,597.77
1/2	222.14	1/2	486.71	1/2	850.59	1/2	1,014.92	1/2	1,279.65	1/2	1,544.38	1/2	1,809.10	1/2	2,073.83	1/2	2,338.55	1/2	2,603.28
3/4	227.65	3/4	492.23	3/4	856.08	3/4	1,020.44	3/4	1,285.17	3/4	1,549.90	3/4	1,814.62	3/4	2,079.35	3/4	2,344.07	3/4	2,608.80
11	233.16	11	497.74	11	861.57	11	1,025.95	11	1,290.68	11	1,555.41	11	1,820.13	11	2,084.86	11	2,349.58	11	2,614.31
1/4	238.67	1/4	503.25	1/4	867.06	1/4	1,031.47	1/4	1,296.20	1/4	1,560.93	1/4	1,825.65	1/4	2,090.38	1/4	2,355.10	1/4	2,619.83
1/2	244.19	1/2	508.76	1/2	872.55	1/2	1,036.99	1/2	1,301.71	1/2	1,566.44	1/2	1,831.16	1/2	2,095.89	1/2	2,360.61	1/2	2,625.34
3/4	249.70	3/4	514.28	3/4	878.04	3/4	1,042.50	3/4	1,307.23	3/4	1,571.96	3/4	1,836.69	3/4	2,101.41	3/4	2,366.13	3/4	2,630.86

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

** VOLUME BELOW ZERO STRIKE POINT.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

COMPARTMENT BOTTOM SLOPES 3" FROM TANK SIDE TO CENTERLINE BULKHEAD.

CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.

GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 316"

2 STBD INNAGE TABLE

Gauge Height 15'-08 1/2"

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

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,836.37	0	2,901.10	0	3,165.82	0	3,430.55	0	3,695.27	0		0		0		0		0	
1/4	2,841.89	1/4	2,906.62	1/4	3,171.33	1/4	3,436.06	1/4	3,700.10	1/4		1/4		1/4		1/4		1/4	
1/2	2,847.40	1/2	2,912.13	1/2	3,176.85	1/2	3,441.58	1/2	3,704.93	1/2		1/2		1/2		1/2		1/2	
3/4	2,852.92	3/4	2,917.65	3/4	3,182.36	3/4	3,447.09	3/4	3,709.76	3/4		3/4		3/4		3/4		3/4	
1	2,858.43	1	2,923.16	1	3,187.88	1	3,452.61	1	3,714.69	1		1		1		1		1	
1/4	2,863.95	1/4	2,928.68	1/4	3,193.39	1/4	3,458.12	1/4	3,718.35	1/4		1/4		1/4		1/4		1/4	
1/2	2,869.46	1/2	2,934.19	1/2	3,198.91	1/2	3,463.64	1/2	3,722.10	1/2		1/2		1/2		1/2		1/2	
3/4	2,874.98	3/4	2,939.71	3/4	3,204.42	3/4	3,469.15	3/4	3,725.86	3/4		3/4		3/4		3/4		3/4	
2	2,880.49	2	2,946.22	2	3,209.94	2	3,474.67	2	3,729.62	2		2		2		2		2	
1/4	2,886.01	1/4	2,950.74	1/4	3,215.45	1/4	3,480.18	1/4	3,732.30	1/4		1/4		1/4		1/4		1/4	
1/2	2,891.52	1/2	2,956.26	1/2	3,220.97	1/2	3,485.70	1/2	3,734.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,897.04	3/4	2,961.77	3/4	3,226.48	3/4	3,491.21	3/4	3,737.67	3/4		3/4		3/4		3/4		3/4	
3	2,902.55	3	2,967.28	3	3,232.00	3	3,496.73	3	3,740.36	3		3		3		3		3	
1/4	2,908.07	1/4	2,972.80	1/4	3,237.51	1/4	3,502.24	1/4	3,741.97	1/4		1/4		1/4		1/4		1/4	
1/2	2,913.58	1/2	2,978.31	1/2	3,243.03	1/2	3,507.76	1/2	3,743.58	1/2		1/2		1/2		1/2		1/2	
3/4	2,919.10	3/4	2,983.83	3/4	3,248.54	3/4	3,513.27	3/4	3,745.19	3/4		3/4		3/4		3/4		3/4	
4	2,924.61	4	2,989.34	4	3,254.06	4	3,518.79	4	3,746.80	4		4		4		4		4	
1/4	2,930.13	1/4	2,994.86	1/4	3,259.57	1/4	3,524.30	1/4	3,747.38	1/4		1/4		1/4		1/4		1/4	
1/2	2,935.64	1/2	3,000.37	1/2	3,265.09	1/2	3,529.82	1/2	3,747.86	1/2		1/2		1/2		1/2		1/2	
3/4	2,941.16	3/4	3,005.88	3/4	3,270.60	3/4	3,535.33	3/4	3,748.55	3/4		3/4		3/4		3/4		3/4	
5	2,946.67	5	3,011.40	5	3,276.12	5	3,540.85	5	3,749.13	5		5		5		5		5	
1/4	2,952.19	1/4	3,016.91	1/4	3,281.64	1/4	3,546.36	1/4	3,749.30	1/4		1/4		1/4		1/4		1/4	
1/2	2,957.70	1/2	3,022.43	1/2	3,287.15	1/2	3,551.88	1/2	3,749.48	1/2		1/2		1/2		1/2		1/2	
3/4	2,963.22	3/4	3,027.94	3/4	3,292.67	3/4	3,557.39	3/4	3,749.65	3/4		3/4		3/4		3/4		3/4	
6	2,968.73	6	3,033.46	6	3,298.19	6	3,562.91	6	3,749.83	6		6		6		6		6	
1/4	2,974.25	1/4	3,038.97	1/4	3,303.70	1/4	3,568.42	1/4	3,749.89	1/4		1/4		1/4		1/4		1/4	
1/2	2,979.76	1/2	3,044.49	1/2	3,309.22	1/2	3,573.94	1/2	3,749.95	1/2		1/2		1/2		1/2		1/2	
3/4	2,985.28	3/4	3,050.00	3/4	3,314.73	3/4	3,579.45	3/4	3,750.02	3/4		3/4		3/4		3/4		3/4	
7	2,990.79	7	3,055.52	7	3,320.26	7	3,584.97	7	3,750.08	7		7		7		7		7	
1/4	2,996.31	1/4	3,061.03	1/4	3,325.76	1/4	3,590.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,001.82	1/2	3,066.55	1/2	3,331.28	1/2	3,596.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,007.34	3/4	3,072.06	3/4	3,336.79	3/4	3,601.51	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,012.85	8	3,077.58	8	3,342.31	8	3,607.03	8		8		8		8		8		8	
1/4	2,018.37	1/4	3,083.09	1/4	3,347.82	1/4	3,612.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,023.88	1/2	3,088.61	1/2	3,353.34	1/2	3,618.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,029.40	3/4	3,094.12	3/4	3,358.85	3/4	3,623.57	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,034.91	9	3,099.64	9	3,364.37	9	3,629.09	9		9		9		9		9		9	
1/4	2,040.43	1/4	3,105.15	1/4	3,369.88	1/4	3,634.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,045.95	1/2	3,110.67	1/2	3,375.40	1/2	3,640.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,051.46	3/4	3,116.18	3/4	3,380.91	3/4	3,645.63	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,056.98	10	3,121.70	10	3,386.43	10	3,651.15	10		10		10		10		10		10	
1/4	2,062.50	1/4	3,127.21	1/4	3,391.94	1/4	3,656.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,068.01	1/2	3,132.73	1/2	3,397.46	1/2	3,662.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,073.53	3/4	3,138.24	3/4	3,402.97	3/4	3,667.69	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,079.04	11	3,143.76	11	3,408.49	11	3,673.21	11		11		11		11		11		11	
1/4	2,084.56	1/4	3,149.27	1/4	3,414.00	1/4	3,678.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,090.07	1/2	3,154.79	1/2	3,419.52	1/2	3,684.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,095.59	3/4	3,160.30	3/4	3,425.03	3/4	3,689.75	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/10/2003 ITS
DECK MEASUREMENTS: 08/25/2008 SW
REPRINTED: 07/27/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "WEB 316"

3 PORT INNAGE TABLE

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

GAUGE HEIGHT 15'-09"

H	0 FT.	H	1 FT.	H	2 FT.	H	3 FT.	H	4 FT.	H	5 FT.	H	6 FT.	H	7 FT.	H	8 FT.	H	9 FT.
0	**7.07	0	264.04	0	617.42	0	779.97	0	1,043.26	0	1,306.79	0	1,570.32	0	1,833.86	0	2,097.38	0	2,360.91
1/4	10.26	1/4	269.53	1/4	622.91	1/4	786.44	1/4	1,048.75	1/4	1,312.28	1/4	1,575.81	1/4	1,839.34	1/4	2,102.87	1/4	2,366.40
1/2	13.46	1/2	265.02	1/2	628.40	1/2	790.90	1/2	1,054.24	1/2	1,317.77	1/2	1,581.30	1/2	1,844.83	1/2	2,108.36	1/2	2,371.89
3/4	16.64	3/4	270.50	3/4	633.89	3/4	796.37	3/4	1,059.73	3/4	1,323.26	3/4	1,586.79	3/4	1,850.32	3/4	2,113.85	3/4	2,377.38
1	19.83	1	275.99	1	639.37	1	801.83	1	1,065.22	1	1,328.75	1	1,592.28	1	1,855.81	1	2,119.34	1	2,382.87
1/4	24.56	1/4	281.46	1/4	644.86	1/4	807.30	1/4	1,070.71	1/4	1,334.24	1/4	1,597.77	1/4	1,861.30	1/4	2,124.83	1/4	2,388.36
1/2	29.29	1/2	288.97	1/2	650.35	1/2	812.76	1/2	1,076.20	1/2	1,339.73	1/2	1,603.26	1/2	1,866.79	1/2	2,130.32	1/2	2,393.85
3/4	34.00	3/4	292.45	3/4	655.83	3/4	818.23	3/4	1,081.69	3/4	1,345.22	3/4	1,608.75	3/4	1,872.28	3/4	2,135.81	3/4	2,399.34
2	38.72	2	297.94	2	661.32	2	823.69	2	1,087.18	2	1,350.71	2	1,614.24	2	1,877.77	2	2,141.30	2	2,404.83
1/4	43.72	1/4	303.43	1/4	666.80	1/4	829.17	1/4	1,092.67	1/4	1,356.20	1/4	1,619.73	1/4	1,883.26	1/4	2,146.79	1/4	2,410.32
1/2	48.71	1/2	308.92	1/2	672.27	1/2	834.65	1/2	1,098.16	1/2	1,361.69	1/2	1,625.22	1/2	1,888.76	1/2	2,152.28	1/2	2,415.81
3/4	53.71	3/4	314.40	3/4	677.75	3/4	840.13	3/4	1,103.65	3/4	1,367.18	3/4	1,630.71	3/4	1,894.24	3/4	2,157.77	3/4	2,421.30
3	58.70	3	319.89	3	683.22	3	845.61	3	1,109.14	3	1,372.67	3	1,636.20	3	1,899.73	3	2,163.26	3	2,426.79
1/4	63.84	1/4	325.38	1/4	688.68	1/4	851.10	1/4	1,114.63	1/4	1,378.16	1/4	1,641.69	1/4	1,905.22	1/4	2,168.75	1/4	2,432.28
1/2	68.89	1/2	330.86	1/2	694.15	1/2	856.59	1/2	1,120.12	1/2	1,383.65	1/2	1,647.18	1/2	1,910.71	1/2	2,174.24	1/2	2,437.77
3/4	74.13	3/4	336.35	3/4	699.61	3/4	862.08	3/4	1,125.61	3/4	1,389.14	3/4	1,652.67	3/4	1,916.20	3/4	2,179.73	3/4	2,443.26
4	79.27	4	341.83	4	705.07	4	867.57	4	1,131.10	4	1,394.63	4	1,658.16	4	1,921.69	4	2,185.22	4	2,448.75
1/4	84.58	1/4	347.32	1/4	710.54	1/4	873.08	1/4	1,136.59	1/4	1,400.12	1/4	1,663.65	1/4	1,927.18	1/4	2,190.71	1/4	2,454.24
1/2	89.88	1/2	352.81	1/2	716.00	1/2	878.55	1/2	1,142.08	1/2	1,405.61	1/2	1,669.14	1/2	1,932.67	1/2	2,196.20	1/2	2,459.73
3/4	95.19	3/4	358.29	3/4	721.47	3/4	884.04	3/4	1,147.57	3/4	1,411.10	3/4	1,674.63	3/4	1,938.16	3/4	2,201.69	3/4	2,465.22
5	100.49	5	363.78	5	726.93	5	889.53	5	1,153.06	5	1,416.59	5	1,680.12	5	1,943.66	5	2,207.18	5	2,470.71
1/4	105.98	1/4	369.27	1/4	732.40	1/4	895.02	1/4	1,158.55	1/4	1,422.08	1/4	1,685.61	1/4	1,949.14	1/4	2,212.67	1/4	2,476.20
1/2	111.42	1/2	374.76	1/2	737.87	1/2	900.51	1/2	1,164.04	1/2	1,427.57	1/2	1,691.10	1/2	1,954.63	1/2	2,218.16	1/2	2,481.69
3/4	116.89	3/4	380.24	3/4	743.33	3/4	906.00	3/4	1,169.53	3/4	1,433.06	3/4	1,696.59	3/4	1,960.12	3/4	2,223.65	3/4	2,487.18
6	122.36	6	385.73	6	748.79	6	911.49	6	1,175.02	6	1,438.55	6	1,702.08	6	1,965.61	6	2,229.14	6	2,492.67
1/4	127.84	1/4	391.22	1/4	754.26	1/4	916.98	1/4	1,180.51	1/4	1,444.04	1/4	1,707.57	1/4	1,971.10	1/4	2,234.63	1/4	2,498.16
1/2	133.33	1/2	386.71	1/2	759.72	1/2	922.47	1/2	1,186.00	1/2	1,449.53	1/2	1,713.06	1/2	1,976.59	1/2	2,240.12	1/2	2,503.65
3/4	138.81	3/4	402.19	3/4	765.19	3/4	927.96	3/4	1,191.49	3/4	1,455.02	3/4	1,718.55	3/4	1,982.08	3/4	2,245.61	3/4	2,509.14
7	144.30	7	407.68	7	770.66	7	933.45	7	1,196.98	7	1,460.51	7	1,724.04	7	1,987.57	7	2,251.10	7	2,514.63
1/4	149.79	1/4	413.17	1/4	776.12	1/4	938.94	1/4	1,202.47	1/4	1,466.00	1/4	1,729.53	1/4	1,993.06	1/4	2,256.59	1/4	2,520.12
1/2	155.28	1/2	418.66	1/2	781.59	1/2	944.43	1/2	1,207.96	1/2	1,471.49	1/2	1,735.02	1/2	1,998.55	1/2	2,262.08	1/2	2,525.61
3/4	160.76	3/4	424.14	3/4	787.06	3/4	949.92	3/4	1,213.45	3/4	1,476.98	3/4	1,740.51	3/4	2,004.04	3/4	2,267.57	3/4	2,531.11
8	166.25	8	429.63	8	792.52	8	955.41	8	1,218.94	8	1,482.47	8	1,746.00	8	2,009.53	8	2,273.06	8	2,536.60
1/4	171.74	1/4	435.12	1/4	797.99	1/4	960.90	1/4	1,224.43	1/4	1,487.96	1/4	1,751.49	1/4	2,015.02	1/4	2,278.55	1/4	2,542.09
1/2	177.23	1/2	440.61	1/2	803.45	1/2	966.39	1/2	1,229.92	1/2	1,493.45	1/2	1,756.98	1/2	2,020.52	1/2	2,284.05	1/2	2,547.58
3/4	182.71	3/4	446.09	3/4	808.92	3/4	971.88	3/4	1,235.41	3/4	1,498.94	3/4	1,762.47	3/4	2,026.01	3/4	2,289.54	3/4	2,553.07
9	188.20	9	451.58	9	814.38	9	977.37	9	1,240.90	9	1,504.43	9	1,767.96	9	2,031.50	9	2,295.03	9	2,558.56
1/4	193.69	1/4	457.07	1/4	819.85	1/4	982.86	1/4	1,246.39	1/4	1,509.92	1/4	1,773.45	1/4	2,036.99	1/4	2,300.52	1/4	2,564.05
1/2	199.17	1/2	462.56	1/2	825.31	1/2	988.35	1/2	1,251.88	1/2	1,515.41	1/2	1,778.95	1/2	2,042.48	1/2	2,306.01	1/2	2,569.54
3/4	204.66	3/4	468.04	3/4	830.78	3/4	993.84	3/4	1,257.37	3/4	1,520.90	3/4	1,784.44	3/4	2,047.97	3/4	2,311.50	3/4	2,575.03
10	210.14	10	473.53	10	836.24	10	999.33	10	1,262.86	10	1,526.39	10	1,789.93	10	2,053.46	10	2,316.99	10	2,580.52
1/4	215.63	1/4	479.02	1/4	841.71	1/4	1,004.82	1/4	1,268.35	1/4	1,531.88	1/4	1,795.42	1/4	2,058.95	1/4	2,322.48	1/4	2,586.01
1/2	221.12	1/2	484.50	1/2	847.18	1/2	1,010.31	1/2	1,273.84	1/2	1,537.38	1/2	1,800.91	1/2	2,064.44	1/2	2,327.97	1/2	2,591.50
3/4	226.60	3/4	489.99	3/4	852.64	3/4	1,015.80	3/4	1,279.33	3/4	1,542.87	3/4	1,806.40	3/4	2,069.93	3/4	2,333.46	3/4	2,596.99
11	232.09	11	495.47	11	858.11	11	1,021.29	11	1,284.82	11	1,548.36	11	1,811.89	11	2,075.42	11	2,338.95	11	2,602.48
1/4	237.58	1/4	500.96	1/4	863.58	1/4	1,026.78	1/4	1,290.31	1/4	1,553.85	1/4	1,817.38	1/4	2,080.91	1/4	2,344.44	1/4	2,607.97
1/2	243.07	1/2	506.45	1/2	869.04	1/2	1,032.28	1/2	1,295.81	1/2	1,559.34	1/2	1,822.87	1/2	2,086.40	1/2	2,349.93	1/2	2,613.46
3/4	248.55	3/4	511.93	3/4	874.51	3/4	1,037.77	3/4	1,301.30	3/4	1,564.83	3/4	1,828.36	3/4	2,091.89	3/4	2,355.42	3/4	2,618.95

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

** VOLUME BELOW ZERO STRIKE POINT.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

COMPARTMENT BOTTOM SLOPES 3" FROM TANK SIDE TO CENTERLINE BULKHEAD.

CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.

GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77580
<http://www.pmacorp.net>



BARGE "WEB 316"

3 PORT INNAGE TABLE

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

GAUGE HEIGHT 15'-09"

HI	10 FT.	HI	11 FT.	HI	12 FT.	HI	13 FT.	HI	14 FT.	HI	15 FT.	HI	16 FT.	HI	17 FT.	HI	18 FT.	HI	19 FT.
0	2,824.44	0	2,887.97	0	3,151.50	0	3,416.03	0	3,678.56	0		0		0		0		0	
1/4	2,829.93	1/4	2,893.48	1/4	3,156.99	1/4	3,420.52	1/4	3,683.37	1/4		1/4		1/4		1/4		1/4	
1/2	2,835.42	1/2	2,898.95	1/2	3,162.48	1/2	3,426.01	1/2	3,688.19	1/2		1/2		1/2		1/2		1/2	
3/4	2,840.91	3/4	2,904.44	3/4	3,167.97	3/4	3,431.50	3/4	3,693.00	3/4		3/4		3/4		3/4		3/4	
1	2,846.40	1	2,909.93	1	3,173.46	1	3,436.99	1	3,697.82	1		1		1		1		1	
1/4	2,851.89	1/4	2,915.42	1/4	3,178.95	1/4	3,442.48	1/4	3,701.66	1/4		1/4		1/4		1/4		1/4	
1/2	2,857.38	1/2	2,920.91	1/2	3,184.44	1/2	3,447.97	1/2	3,705.30	1/2		1/2		1/2		1/2		1/2	
3/4	2,862.87	3/4	2,926.40	3/4	3,189.93	3/4	3,453.46	3/4	3,709.05	3/4		3/4		3/4		3/4		3/4	
2	2,868.36	2	2,931.89	2	3,195.42	2	3,458.95	2	3,712.79	2		2		2		2		2	
1/4	2,873.85	1/4	2,937.38	1/4	3,200.91	1/4	3,464.44	1/4	3,716.48	1/4		1/4		1/4		1/4		1/4	
1/2	2,879.34	1/2	2,942.87	1/2	3,206.40	1/2	3,469.93	1/2	3,718.14	1/2		1/2		1/2		1/2		1/2	
3/4	2,884.83	3/4	2,948.36	3/4	3,211.89	3/4	3,475.42	3/4	3,720.81	3/4		3/4		3/4		3/4		3/4	
3	2,890.32	3	2,953.85	3	3,217.38	3	3,480.91	3	3,723.49	3		3		3		3		3	
1/4	2,895.81	1/4	2,959.34	1/4	3,222.87	1/4	3,486.40	1/4	3,725.09	1/4		1/4		1/4		1/4		1/4	
1/2	2,901.30	1/2	2,964.83	1/2	3,228.36	1/2	3,491.89	1/2	3,726.70	1/2		1/2		1/2		1/2		1/2	
3/4	2,906.79	3/4	2,970.32	3/4	3,233.85	3/4	3,497.38	3/4	3,728.30	3/4		3/4		3/4		3/4		3/4	
4	2,912.28	4	2,975.81	4	3,239.34	4	3,502.87	4	3,729.91	4		4		4		4		4	
1/4	2,917.77	1/4	2,981.30	1/4	3,244.83	1/4	3,508.36	1/4	3,730.49	1/4		1/4		1/4		1/4		1/4	
1/2	2,923.26	1/2	2,986.79	1/2	3,250.32	1/2	3,513.85	1/2	3,731.07	1/2		1/2		1/2		1/2		1/2	
3/4	2,928.75	3/4	2,992.28	3/4	3,255.81	3/4	3,519.36	3/4	3,731.66	3/4		3/4		3/4		3/4		3/4	
5	2,934.24	5	2,997.77	5	3,261.30	5	3,524.84	5	3,732.24	5		5		5		5		5	
1/4	2,939.73	1/4	3,003.28	1/4	3,266.79	1/4	3,530.33	1/4	3,732.41	1/4		1/4		1/4		1/4		1/4	
1/2	2,945.22	1/2	3,008.75	1/2	3,272.28	1/2	3,535.82	1/2	3,732.59	1/2		1/2		1/2		1/2		1/2	
3/4	2,950.71	3/4	3,014.25	3/4	3,277.78	3/4	3,541.31	3/4	3,732.76	3/4		3/4		3/4		3/4		3/4	
6	2,956.20	6	3,019.74	6	3,283.27	6	3,546.80	6	3,732.94	6		6		6		6		6	
1/4	2,961.69	1/4	3,025.23	1/4	3,288.76	1/4	3,552.29	1/4	3,733.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,967.18	1/2	3,030.72	1/2	3,294.25	1/2	3,557.78	1/2	3,733.08	1/2		1/2		1/2		1/2		1/2	
3/4	2,972.68	3/4	3,036.21	3/4	3,299.74	3/4	3,563.27	3/4	3,733.13	3/4		3/4		3/4		3/4		3/4	
7	2,978.17	7	3,041.70	7	3,305.23	7	3,568.76	7	3,733.19	7		7		7		7		7	
1/4	2,983.66	1/4	3,047.19	1/4	3,310.72	1/4	3,574.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,989.15	1/2	3,052.68	1/2	3,316.21	1/2	3,579.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,994.64	3/4	3,058.17	3/4	3,321.70	3/4	3,585.23	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,999.13	8	3,063.66	8	3,327.19	8	3,590.72	8		8		8		8		8		8	
1/4	2,999.62	1/4	3,069.15	1/4	3,332.68	1/4	3,596.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,999.11	1/2	3,074.64	1/2	3,338.17	1/2	3,601.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,998.60	3/4	3,080.13	3/4	3,343.66	3/4	3,607.19	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,998.09	9	3,085.62	9	3,349.15	9	3,612.68	9		9		9		9		9		9	
1/4	2,997.58	1/4	3,091.11	1/4	3,354.64	1/4	3,618.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,997.07	1/2	3,096.60	1/2	3,360.13	1/2	3,623.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,996.56	3/4	3,102.09	3/4	3,365.62	3/4	3,629.15	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,996.05	10	3,107.58	10	3,371.11	10	3,634.64	10		10		10		10		10		10	
1/4	2,995.54	1/4	3,113.07	1/4	3,376.60	1/4	3,640.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,995.03	1/2	3,118.56	1/2	3,382.09	1/2	3,645.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,994.52	3/4	3,124.05	3/4	3,387.58	3/4	3,651.11	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,994.01	11	3,129.54	11	3,393.07	11	3,656.60	11		11		11		11		11		11	
1/4	2,993.50	1/4	3,135.03	1/4	3,398.56	1/4	3,662.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,993.00	1/2	3,140.52	1/2	3,404.05	1/2	3,667.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,992.49	3/4	3,146.01	3/4	3,409.54	3/4	3,673.07	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2003 ITS
DECK MEASUREMENTS: 08/25/2008 SW
REPRINTED: 07/27/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2000

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "WEB 316"

3 STBD INNAGE TABLE

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

GAUGE HEIGHT 15'-08 3/4"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.
0	**7.11	0	256.61	0	520.42	0	784.60	0	1,049.32	0	1,314.38	0	1,579.44	0	1,844.60	0	2,109.56	0	2,374.62
1/4	10.32	1/4	261.03	1/4	526.94	1/4	790.00	1/4	1,054.84	1/4	1,319.90	1/4	1,584.96	1/4	1,850.02	1/4	2,115.08	1/4	2,380.14
1/2	13.53	1/2	266.65	1/2	531.46	1/2	795.49	1/2	1,060.36	1/2	1,326.43	1/2	1,590.49	1/2	1,865.55	1/2	2,120.61	1/2	2,385.67
3/4	16.73	3/4	272.06	3/4	536.98	3/4	800.99	3/4	1,065.88	3/4	1,330.95	3/4	1,596.01	3/4	1,861.07	3/4	2,126.13	3/4	2,391.19
1	19.94	1	277.56	1	542.50	1	806.49	1	1,071.40	1	1,336.47	1	1,601.63	1	1,866.59	1	2,131.65	1	2,396.71
1/4	24.69	1/4	283.10	1/4	548.02	1/4	811.99	1/4	1,076.92	1/4	1,341.99	1/4	1,607.05	1/4	1,872.11	1/4	2,137.17	1/4	2,402.23
1/2	28.44	1/2	288.62	1/2	553.54	1/2	817.48	1/2	1,082.45	1/2	1,347.51	1/2	1,612.58	1/2	1,877.64	1/2	2,142.70	1/2	2,407.76
3/4	34.19	3/4	294.14	3/4	559.06	3/4	822.98	3/4	1,087.97	3/4	1,353.03	3/4	1,618.10	3/4	1,883.16	3/4	2,148.22	3/4	2,413.28
2	38.94	2	299.66	2	564.58	2	828.48	2	1,093.49	2	1,358.55	2	1,623.62	2	1,888.68	2	2,153.74	2	2,418.80
1/4	43.96	1/4	305.18	1/4	570.09	1/4	833.99	1/4	1,099.01	1/4	1,364.07	1/4	1,629.14	1/4	1,894.20	1/4	2,159.26	1/4	2,424.32
1/2	48.99	1/2	310.70	1/2	576.59	1/2	839.60	1/2	1,104.54	1/2	1,369.60	1/2	1,634.66	1/2	1,899.73	1/2	2,164.79	1/2	2,429.85
3/4	54.01	3/4	316.21	3/4	581.09	3/4	845.01	3/4	1,110.06	3/4	1,375.12	3/4	1,640.18	3/4	1,905.25	3/4	2,170.31	3/4	2,435.37
3	59.03	3	321.73	3	586.60	3	850.52	3	1,115.58	3	1,380.64	3	1,645.70	3	1,910.77	3	2,175.83	3	2,440.89
1/4	64.20	1/4	327.25	1/4	592.09	1/4	856.04	1/4	1,121.10	1/4	1,386.16	1/4	1,651.22	1/4	1,916.29	1/4	2,181.35	1/4	2,446.41
1/2	69.38	1/2	332.77	1/2	597.59	1/2	861.56	1/2	1,126.63	1/2	1,391.69	1/2	1,656.76	1/2	1,921.81	1/2	2,186.88	1/2	2,451.94
3/4	74.55	3/4	338.29	3/4	603.08	3/4	867.09	3/4	1,132.15	3/4	1,397.21	3/4	1,662.27	3/4	1,927.33	3/4	2,192.40	3/4	2,457.46
4	79.72	4	343.81	4	608.58	4	872.61	4	1,137.67	4	1,402.73	4	1,667.79	4	1,932.85	4	2,197.92	4	2,462.98
1/4	85.06	1/4	349.33	1/4	614.08	1/4	878.13	1/4	1,143.19	1/4	1,408.25	1/4	1,673.31	1/4	1,938.37	1/4	2,203.44	1/4	2,468.50
1/2	90.39	1/2	354.85	1/2	619.57	1/2	883.65	1/2	1,148.72	1/2	1,413.78	1/2	1,678.84	1/2	1,943.90	1/2	2,208.97	1/2	2,474.03
3/4	96.73	3/4	360.37	3/4	626.07	3/4	889.18	3/4	1,154.24	3/4	1,419.30	3/4	1,684.36	3/4	1,949.42	3/4	2,214.49	3/4	2,479.55
5	101.06	5	365.89	5	630.57	5	894.70	5	1,159.76	5	1,424.82	5	1,689.88	5	1,954.94	5	2,220.01	5	2,485.07
1/4	106.66	1/4	371.41	1/4	636.07	1/4	900.22	1/4	1,165.28	1/4	1,430.34	1/4	1,695.40	1/4	1,960.46	1/4	2,225.53	1/4	2,490.59
1/2	112.08	1/2	376.93	1/2	641.58	1/2	905.74	1/2	1,170.81	1/2	1,435.87	1/2	1,700.93	1/2	1,965.99	1/2	2,231.05	1/2	2,496.12
3/4	117.55	3/4	382.44	3/4	647.06	3/4	911.26	3/4	1,176.33	3/4	1,441.39	3/4	1,706.45	3/4	1,971.51	3/4	2,236.57	3/4	2,501.64
6	123.05	6	387.96	6	652.56	6	916.78	6	1,181.85	6	1,446.91	6	1,711.97	6	1,977.03	6	2,242.09	6	2,507.16
1/4	128.57	1/4	393.48	1/4	658.06	1/4	922.30	1/4	1,187.37	1/4	1,452.43	1/4	1,717.49	1/4	1,982.55	1/4	2,247.61	1/4	2,512.68
1/2	134.09	1/2	399.00	1/2	663.55	1/2	927.82	1/2	1,192.89	1/2	1,457.95	1/2	1,723.02	1/2	1,988.08	1/2	2,253.14	1/2	2,518.20
3/4	139.60	3/4	404.52	3/4	669.05	3/4	933.35	3/4	1,198.41	3/4	1,463.48	3/4	1,728.54	3/4	1,993.60	3/4	2,258.66	3/4	2,523.72
7	145.12	7	410.04	7	674.55	7	938.87	7	1,203.93	7	1,469.00	7	1,734.06	7	1,999.12	7	2,264.18	7	2,529.24
1/4	150.64	1/4	415.56	1/4	680.06	1/4	944.39	1/4	1,209.45	1/4	1,474.52	1/4	1,739.58	1/4	2,004.64	1/4	2,269.70	1/4	2,534.76
1/2	156.16	1/2	421.08	1/2	685.54	1/2	949.91	1/2	1,214.98	1/2	1,480.05	1/2	1,745.11	1/2	2,010.17	1/2	2,275.23	1/2	2,540.29
3/4	161.69	3/4	426.60	3/4	691.04	3/4	955.44	3/4	1,220.50	3/4	1,485.57	3/4	1,750.63	3/4	2,015.69	3/4	2,280.75	3/4	2,545.81
8	167.20	8	432.12	8	696.54	8	960.96	8	1,226.02	8	1,491.09	8	1,756.15	8	2,021.21	8	2,286.27	8	2,551.33
1/4	172.72	1/4	437.64	1/4	702.04	1/4	966.48	1/4	1,231.54	1/4	1,496.61	1/4	1,761.67	1/4	2,026.73	1/4	2,291.79	1/4	2,556.85
1/2	178.24	1/2	443.16	1/2	707.53	1/2	972.00	1/2	1,237.07	1/2	1,502.13	1/2	1,767.20	1/2	2,032.26	1/2	2,297.32	1/2	2,562.38
3/4	183.76	3/4	448.67	3/4	713.03	3/4	977.53	3/4	1,242.59	3/4	1,507.65	3/4	1,772.72	3/4	2,037.78	3/4	2,302.84	3/4	2,567.90
9	189.28	9	454.19	9	718.53	9	983.05	9	1,248.11	9	1,513.17	9	1,778.24	9	2,043.30	9	2,308.36	9	2,573.42
1/4	194.80	1/4	459.71	1/4	724.03	1/4	988.57	1/4	1,253.63	1/4	1,518.69	1/4	1,783.76	1/4	2,048.82	1/4	2,313.88	1/4	2,578.94
1/2	200.32	1/2	465.23	1/2	729.52	1/2	994.09	1/2	1,259.16	1/2	1,524.22	1/2	1,789.28	1/2	2,054.35	1/2	2,319.41	1/2	2,584.47
3/4	205.83	3/4	470.75	3/4	735.02	3/4	999.62	3/4	1,264.68	3/4	1,529.74	3/4	1,794.80	3/4	2,059.87	3/4	2,324.93	3/4	2,589.99
10	211.35	10	476.27	10	740.52	10	1,005.14	10	1,270.20	10	1,535.26	10	1,800.32	10	2,065.39	10	2,330.45	10	2,595.51
1/4	216.87	1/4	481.79	1/4	746.02	1/4	1,010.66	1/4	1,275.72	1/4	1,540.78	1/4	1,805.84	1/4	2,070.91	1/4	2,335.97	1/4	2,601.03
1/2	222.39	1/2	487.31	1/2	751.51	1/2	1,016.19	1/2	1,281.25	1/2	1,546.31	1/2	1,811.37	1/2	2,076.43	1/2	2,341.50	1/2	2,606.56
3/4	227.91	3/4	492.83	3/4	757.01	3/4	1,021.71	3/4	1,286.77	3/4	1,551.83	3/4	1,816.89	3/4	2,081.95	3/4	2,347.02	3/4	2,612.08
11	233.43	11	498.35	11	762.51	11	1,027.23	11	1,292.29	11	1,557.35	11	1,822.41	11	2,087.47	11	2,352.54	11	2,617.60
1/4	238.95	1/4	503.87	1/4	768.01	1/4	1,032.75	1/4	1,297.81	1/4	1,562.87	1/4	1,827.93	1/4	2,092.99	1/4	2,358.06	1/4	2,623.12
1/2	244.47	1/2	509.38	1/2	773.50	1/2	1,038.28	1/2	1,303.34	1/2	1,568.40	1/2	1,833.45	1/2	2,098.52	1/2	2,363.58	1/2	2,628.65
3/4	249.99	3/4	514.90	3/4	779.00	3/4	1,043.80	3/4	1,308.86	3/4	1,573.92	3/4	1,838.98	3/4	2,104.04	3/4	2,369.10	3/4	2,634.17

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

** VOLUME BELOW ZERO STRIKE POINT.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 COMPARTMENT BOTTOM SLOPES 3" FROM TANK SIDE TO CENTERLINE BULKHEAD.
 CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.
 GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 11'-00" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 316"

3 STBD INNAGE TABLE

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

GAUGE HEIGHT 15'-08 3/4"

#	10 FT.	#	11 FT.	#	12 FT.	#	13 FT.	#	14 FT.	#	15 FT.	#	16 FT.	#	17 FT.	#	18 FT.	#	19 FT.
0	2,839.69	0	2,904.75	0	3,169.81	0	3,434.87	0	3,699.93	0		0		0		0		0	
1/4	2,846.21	1/4	2,910.27	1/4	3,175.33	1/4	3,440.39	1/4	3,704.78	1/4		1/4		1/4		1/4		1/4	
1/2	2,850.73	1/2	2,915.80	1/2	3,180.86	1/2	3,445.92	1/2	3,709.63	1/2		1/2		1/2		1/2		1/2	
3/4	2,856.26	3/4	2,921.32	3/4	3,186.38	3/4	3,451.44	3/4	3,714.48	3/4		3/4		3/4		3/4		3/4	
1	2,861.77	1	2,926.84	1	3,191.90	1	3,456.98	1	3,719.33	1		1		1		1		1	
1/4	2,867.29	1/4	2,932.36	1/4	3,197.42	1/4	3,462.48	1/4	3,723.10	1/4		1/4		1/4		1/4		1/4	
1/2	2,872.82	1/2	2,937.89	1/2	3,202.95	1/2	3,468.01	1/2	3,728.89	1/2		1/2		1/2		1/2		1/2	
3/4	2,878.34	3/4	2,943.41	3/4	3,208.47	3/4	3,473.53	3/4	3,730.65	3/4		3/4		3/4		3/4		3/4	
2	2,883.86	2	2,948.93	2	3,213.99	2	3,479.05	2	3,734.42	2		2		2		2		2	
1/4	2,889.38	1/4	2,954.45	1/4	3,219.51	1/4	3,484.57	1/4	3,737.12	1/4		1/4		1/4		1/4		1/4	
1/2	2,894.91	1/2	2,959.97	1/2	3,225.04	1/2	3,490.10	1/2	3,739.81	1/2		1/2		1/2		1/2		1/2	
3/4	2,900.43	3/4	2,965.49	3/4	3,230.56	3/4	3,495.62	3/4	3,742.51	3/4		3/4		3/4		3/4		3/4	
3	2,905.95	3	2,971.01	3	3,236.08	3	3,501.14	3	3,745.20	3		3		3		3		3	
1/4	2,911.47	1/4	2,976.53	1/4	3,241.60	1/4	3,506.66	1/4	3,748.82	1/4		1/4		1/4		1/4		1/4	
1/2	2,917.00	1/2	2,982.06	1/2	3,247.12	1/2	3,512.19	1/2	3,748.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,922.62	3/4	2,987.58	3/4	3,252.64	3/4	3,517.71	3/4	3,750.05	3/4		3/4		3/4		3/4		3/4	
4	2,928.04	4	2,993.10	4	3,258.16	4	3,523.23	4	3,751.66	4		4		4		4		4	
1/4	2,933.56	1/4	2,998.62	1/4	3,263.68	1/4	3,528.75	1/4	3,752.28	1/4		1/4		1/4		1/4		1/4	
1/2	2,939.09	1/2	3,004.16	1/2	3,269.21	1/2	3,534.27	1/2	3,752.84	1/2		1/2		1/2		1/2		1/2	
3/4	2,944.61	3/4	3,009.67	3/4	3,274.73	3/4	3,539.79	3/4	3,753.42	3/4		3/4		3/4		3/4		3/4	
5	2,950.13	5	3,015.19	5	3,280.25	5	3,545.31	5	3,754.01	5		5		5		5		5	
1/4	2,955.65	1/4	3,020.71	1/4	3,285.77	1/4	3,550.83	1/4	3,754.19	1/4		1/4		1/4		1/4		1/4	
1/2	2,961.18	1/2	3,026.24	1/2	3,291.30	1/2	3,556.36	1/2	3,754.35	1/2		1/2		1/2		1/2		1/2	
3/4	2,966.70	3/4	3,031.76	3/4	3,296.82	3/4	3,561.88	3/4	3,754.54	3/4		3/4		3/4		3/4		3/4	
6	2,972.22	6	3,037.28	6	3,302.34	6	3,567.40	6	3,754.71	6		6		6		6		6	
1/4	2,977.74	1/4	3,042.80	1/4	3,307.86	1/4	3,572.92	1/4	3,754.78	1/4		1/4		1/4		1/4		1/4	
1/2	2,983.27	1/2	3,048.33	1/2	3,313.39	1/2	3,578.45	1/2	3,754.84	1/2		1/2		1/2		1/2		1/2	
3/4	2,988.79	3/4	3,053.85	3/4	3,318.91	3/4	3,583.97	3/4	3,754.91	3/4		3/4		3/4		3/4		3/4	
7	2,994.31	7	3,059.37	7	3,324.43	7	3,589.49	7	3,754.97	7		7		7		7		7	
1/4	2,999.83	1/4	3,064.89	1/4	3,329.95	1/4	3,595.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,805.35	1/2	3,070.42	1/2	3,335.48	1/2	3,600.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,810.87	3/4	3,075.94	3/4	3,341.00	3/4	3,606.06	3/4		3/4		3/4		3/4		3/4		3/4	
8	2,816.39	8	3,081.46	8	3,346.52	8	3,611.58	8		8		8		8		8		8	
1/4	2,821.91	1/4	3,086.98	1/4	3,352.04	1/4	3,617.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,827.44	1/2	3,092.50	1/2	3,357.57	1/2	3,622.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,832.96	3/4	3,098.02	3/4	3,363.09	3/4	3,628.15	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,838.48	9	3,103.54	9	3,368.61	9	3,633.67	9		9		9		9		9		9	
1/4	2,844.00	1/4	3,109.06	1/4	3,374.13	1/4	3,639.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,849.53	1/2	3,114.59	1/2	3,379.66	1/2	3,644.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,855.05	3/4	3,120.11	3/4	3,385.17	3/4	3,650.24	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,860.57	10	3,125.63	10	3,390.69	10	3,655.76	10		10		10		10		10		10	
1/4	2,866.09	1/4	3,131.15	1/4	3,396.21	1/4	3,661.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,871.62	1/2	3,136.68	1/2	3,401.74	1/2	3,666.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,877.14	3/4	3,142.20	3/4	3,407.26	3/4	3,672.32	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,882.66	11	3,147.72	11	3,412.78	11	3,677.84	11		11		11		11		11		11	
1/4	2,888.18	1/4	3,153.24	1/4	3,418.30	1/4	3,683.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,893.71	1/2	3,158.77	1/2	3,423.83	1/2	3,688.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,899.23	3/4	3,164.29	3/4	3,429.35	3/4	3,694.41	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2003 ITS
DECK MEASUREMENTS: 06/28/2008 SW
REPRINTED: 07/27/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
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BARGE "WEB 316"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 16'-01 1/4"

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.
0	0.72	0	425.26	0	917.51	0	1,409.78	0	1,902.15	0	2,394.53	0	2,886.92	0	3,379.31	0	3,871.71	0	4,364.10
1/4	2.88	1/4	435.51	1/4	927.77	1/4	1,420.04	1/4	1,912.41	1/4	2,404.79	1/4	2,897.18	1/4	3,389.67	1/4	3,881.97	1/4	4,374.36
1/2	5.03	1/2	445.76	1/2	938.02	1/2	1,430.30	1/2	1,922.67	1/2	2,415.05	1/2	2,907.44	1/2	3,399.83	1/2	3,892.23	1/2	4,384.62
3/4	7.19	3/4	456.02	3/4	948.28	3/4	1,440.55	3/4	1,932.92	3/4	2,426.31	3/4	2,917.89	3/4	3,410.09	3/4	3,902.48	3/4	4,394.87
1	9.34	1	466.27	1	958.53	1	1,450.81	1	1,943.18	1	2,435.57	1	2,927.95	1	3,420.35	1	3,912.74	1	4,405.13
1/4	14.66	1/4	476.53	1/4	968.79	1/4	1,461.07	1/4	1,953.44	1/4	2,445.83	1/4	2,938.21	1/4	3,430.61	1/4	3,923.00	1/4	4,415.39
1/2	19.97	1/2	486.78	1/2	979.04	1/2	1,471.32	1/2	1,963.70	1/2	2,456.09	1/2	2,948.47	1/2	3,440.87	1/2	3,933.26	1/2	4,425.65
3/4	25.20	3/4	497.04	3/4	989.30	3/4	1,481.58	3/4	1,973.95	3/4	2,466.34	3/4	2,958.73	3/4	3,451.12	3/4	3,943.51	3/4	4,435.90
2	30.59	2	507.29	2	999.55	2	1,491.83	2	1,984.21	2	2,476.60	2	2,968.99	2	3,461.38	2	3,953.77	2	4,446.16
1/4	38.99	1/4	517.55	1/4	1,009.81	1/4	1,502.09	1/4	1,994.47	1/4	2,486.86	1/4	2,979.25	1/4	3,471.64	1/4	3,964.03	1/4	4,456.42
1/2	47.39	1/2	527.81	1/2	1,020.07	1/2	1,512.35	1/2	2,004.73	1/2	2,497.12	1/2	2,989.51	1/2	3,481.90	1/2	3,974.29	1/2	4,466.68
3/4	55.78	3/4	538.06	3/4	1,030.32	3/4	1,522.60	3/4	2,014.98	3/4	2,507.37	3/4	2,999.76	3/4	3,492.15	3/4	3,984.54	3/4	4,476.94
3	64.18	3	548.32	3	1,040.58	3	1,532.86	3	2,025.24	3	2,517.63	3	3,010.02	3	3,502.41	3	3,994.80	3	4,487.20
1/4	73.54	1/4	558.58	1/4	1,050.84	1/4	1,543.12	1/4	2,035.60	1/4	2,527.89	1/4	3,020.28	1/4	3,512.67	1/4	4,005.06	1/4	4,497.46
1/2	82.90	1/2	568.83	1/2	1,061.09	1/2	1,553.38	1/2	2,045.76	1/2	2,538.15	1/2	3,030.54	1/2	3,522.93	1/2	4,015.32	1/2	4,507.72
3/4	92.26	3/4	579.09	3/4	1,071.35	3/4	1,563.63	3/4	2,055.02	3/4	2,548.40	3/4	3,040.79	3/4	3,533.18	3/4	4,025.58	3/4	4,517.97
4	101.62	4	589.34	4	1,081.60	4	1,573.89	4	2,065.28	4	2,558.66	4	3,051.05	4	3,543.44	4	4,035.84	4	4,528.23
1/4	111.20	1/4	599.60	1/4	1,091.85	1/4	1,584.15	1/4	2,075.64	1/4	2,568.92	1/4	3,061.31	1/4	3,553.70	1/4	4,046.10	1/4	4,538.49
1/2	120.77	1/2	609.85	1/2	1,102.11	1/2	1,594.41	1/2	2,086.80	1/2	2,579.18	1/2	3,071.57	1/2	3,563.96	1/2	4,056.36	1/2	4,548.75
3/4	130.35	3/4	620.11	3/4	1,112.36	3/4	1,604.66	3/4	2,097.05	3/4	2,589.44	3/4	3,081.83	3/4	3,574.22	3/4	4,066.61	3/4	4,559.00
5	139.92	5	630.36	5	1,122.61	5	1,614.92	5	2,107.31	5	2,599.70	5	3,092.09	5	3,584.48	5	4,076.87	5	4,569.26
1/4	149.80	1/4	640.62	1/4	1,132.87	1/4	1,625.18	1/4	2,117.57	1/4	2,609.96	1/4	3,102.36	1/4	3,594.74	1/4	4,087.13	1/4	4,579.52
1/2	159.87	1/2	650.87	1/2	1,143.12	1/2	1,635.44	1/2	2,127.83	1/2	2,620.22	1/2	3,112.61	1/2	3,605.00	1/2	4,097.39	1/2	4,589.78
3/4	169.55	3/4	661.13	3/4	1,153.38	3/4	1,645.69	3/4	2,138.08	3/4	2,630.47	3/4	3,122.86	3/4	3,615.26	3/4	4,107.64	3/4	4,600.04
6	179.42	6	671.38	6	1,163.63	6	1,655.95	6	2,148.34	6	2,640.73	6	3,133.12	6	3,625.51	6	4,117.90	6	4,610.30
1/4	189.60	1/4	681.64	1/4	1,173.89	1/4	1,666.21	1/4	2,158.60	1/4	2,650.99	1/4	3,143.38	1/4	3,635.77	1/4	4,128.16	1/4	4,620.56
1/2	199.78	1/2	691.89	1/2	1,184.15	1/2	1,676.47	1/2	2,168.86	1/2	2,661.25	1/2	3,153.64	1/2	3,646.03	1/2	4,138.42	1/2	4,630.82
3/4	209.96	3/4	702.15	3/4	1,194.40	3/4	1,686.72	3/4	2,179.11	3/4	2,671.50	3/4	3,163.89	3/4	3,656.28	3/4	4,148.68	3/4	4,641.07
7	220.14	7	712.40	7	1,204.66	7	1,696.98	7	2,189.37	7	2,681.76	7	3,174.15	7	3,666.54	7	4,158.94	7	4,651.33
1/4	230.40	1/4	722.66	1/4	1,214.92	1/4	1,707.24	1/4	2,199.63	1/4	2,692.02	1/4	3,184.41	1/4	3,676.80	1/4	4,169.20	1/4	4,661.59
1/2	240.66	1/2	732.91	1/2	1,225.17	1/2	1,717.50	1/2	2,209.89	1/2	2,702.28	1/2	3,194.67	1/2	3,687.06	1/2	4,179.46	1/2	4,671.85
3/4	250.91	3/4	743.17	3/4	1,235.43	3/4	1,727.76	3/4	2,220.14	3/4	2,712.53	3/4	3,204.92	3/4	3,697.32	3/4	4,189.71	3/4	4,682.10
8	261.17	8	753.42	8	1,245.68	8	1,738.02	8	2,230.40	8	2,722.79	8	3,215.18	8	3,707.58	8	4,199.97	8	4,692.36
1/4	271.43	1/4	763.68	1/4	1,255.94	1/4	1,748.28	1/4	2,240.66	1/4	2,733.05	1/4	3,225.44	1/4	3,717.84	1/4	4,210.23	1/4	4,702.62
1/2	281.68	1/2	773.94	1/2	1,266.20	1/2	1,758.54	1/2	2,250.92	1/2	2,743.31	1/2	3,235.70	1/2	3,728.10	1/2	4,220.49	1/2	4,712.88
3/4	291.94	3/4	784.19	3/4	1,276.45	3/4	1,768.79	3/4	2,261.18	3/4	2,753.56	3/4	3,245.96	3/4	3,738.35	3/4	4,230.74	3/4	4,723.13
9	302.19	9	794.45	9	1,286.71	9	1,779.05	9	2,271.44	9	2,763.82	9	3,256.22	9	3,748.61	9	4,241.00	9	4,733.39
1/4	312.45	1/4	804.71	1/4	1,296.97	1/4	1,789.31	1/4	2,281.70	1/4	2,774.08	1/4	3,266.48	1/4	3,758.87	1/4	4,251.26	1/4	4,743.65
1/2	322.70	1/2	814.96	1/2	1,307.22	1/2	1,799.57	1/2	2,291.96	1/2	2,784.34	1/2	3,276.74	1/2	3,769.13	1/2	4,261.52	1/2	4,753.91
3/4	332.96	3/4	825.22	3/4	1,317.48	3/4	1,809.82	3/4	2,302.21	3/4	2,794.60	3/4	3,286.99	3/4	3,779.38	3/4	4,271.77	3/4	4,764.17
10	343.21	10	835.47	10	1,327.73	10	1,820.08	10	2,312.47	10	2,804.86	10	3,297.25	10	3,789.64	10	4,282.03	10	4,774.43
1/4	353.47	1/4	846.73	1/4	1,337.99	1/4	1,830.34	1/4	2,322.73	1/4	2,815.12	1/4	3,307.51	1/4	3,799.90	1/4	4,292.29	1/4	4,784.69
1/2	363.72	1/2	856.98	1/2	1,348.26	1/2	1,840.60	1/2	2,332.99	1/2	2,825.38	1/2	3,317.77	1/2	3,810.16	1/2	4,302.55	1/2	4,794.95
3/4	373.98	3/4	866.24	3/4	1,358.50	3/4	1,850.85	3/4	2,343.24	3/4	2,835.63	3/4	3,328.02	3/4	3,820.41	3/4	4,312.81	3/4	4,805.20
11	384.23	11	876.49	11	1,368.76	11	1,861.11	11	2,353.50	11	2,845.89	11	3,338.28	11	3,830.67	11	4,323.07	11	4,815.46
1/4	394.49	1/4	886.75	1/4	1,379.02	1/4	1,871.37	1/4	2,363.76	1/4	2,856.15	1/4	3,348.54	1/4	3,840.93	1/4	4,333.33	1/4	4,825.72
1/2	404.74	1/2	897.00	1/2	1,389.27	1/2	1,881.63	1/2	2,374.02	1/2	2,866.41	1/2	3,358.80	1/2	3,851.19	1/2	4,343.59	1/2	4,835.98
3/4	415.00	3/4	907.26	3/4	1,399.53	3/4	1,891.89	3/4	2,384.27	3/4	2,876.66	3/4	3,369.05	3/4	3,861.45	3/4	4,353.84	3/4	4,846.23

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

** VOLUME BELOW ZERO STRIKE POINT.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
COMPARTMENT BOTTOM SLOPES 3" FROM TANK SIDE TO CENTERLINE BULKHEAD.
CAPACITY TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE HERMETIC STANDPIPE TO TOP OF TANK AT THE CENTERLINE.
GAUGE POINT: (HERMETIC TOP LIP OF 2" VALVE) LOCATED 03'-00" OFF CENTERLINE AND 39'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 316"

4 CENTER INNAGE TABLE

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

GAUGE HEIGHT 16'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	4,866.49	0	5,348.88	0	5,888.21	0	5,978.50	0	6,264.81	0		0		0		0		0	
1/4	4,866.75	1/4	5,359.14	1/4	5,694.22	1/4	5,982.51	1/4	6,270.03	1/4		1/4		1/4		1/4		1/4	
1/2	4,877.01	1/2	5,369.40	1/2	5,700.23	1/2	5,988.52	1/2	6,275.24	1/2		1/2		1/2		1/2		1/2	
3/4	4,887.26	3/4	5,379.66	3/4	5,706.23	3/4	5,994.52	3/4	6,280.46	3/4		3/4		3/4		3/4		3/4	
1	4,897.52	1	5,389.92	1	5,712.24	1	6,000.53	1	6,285.67	1		1		1		1		1	
1/4	4,907.78	1/4	5,400.18	1/4	5,718.25	1/4	6,006.54	1/4	6,289.62	1/4		1/4		1/4		1/4		1/4	
1/2	4,918.04	1/2	5,410.44	1/2	5,724.25	1/2	6,012.54	1/2	6,293.59	1/2		1/2		1/2		1/2		1/2	
3/4	4,928.30	3/4	5,420.69	3/4	5,730.26	3/4	6,018.54	3/4	6,297.53	3/4		3/4		3/4		3/4		3/4	
2	4,938.56	2	5,430.95	2	5,736.26	2	6,024.55	2	6,301.48	2		2		2		2		2	
1/4	4,948.82	1/4	5,441.21	1/4	5,742.27	1/4	6,030.56	1/4	6,304.17	1/4		1/4		1/4		1/4		1/4	
1/2	4,959.08	1/2	5,451.47	1/2	5,748.27	1/2	6,036.57	1/2	6,306.86	1/2		1/2		1/2		1/2		1/2	
3/4	4,969.33	3/4	5,461.73	3/4	5,754.28	3/4	6,042.57	3/4	6,309.54	3/4		3/4		3/4		3/4		3/4	
3	4,979.59	3	5,471.99	3	5,760.28	3	6,048.58	3	6,312.23	3		3		3		3		3	
1/4	4,989.85	1/4	5,478.00	1/4	5,766.29	1/4	6,054.59	1/4	6,313.65	1/4		1/4		1/4		1/4		1/4	
1/2	5,000.11	1/2	5,484.01	1/2	5,772.30	1/2	6,060.60	1/2	6,316.08	1/2		1/2		1/2		1/2		1/2	
3/4	5,010.36	3/4	5,490.01	3/4	5,778.30	3/4	6,066.60	3/4	6,318.50	3/4		3/4		3/4		3/4		3/4	
4	5,020.62	4	5,498.02	4	5,784.31	4	6,072.61	4	6,317.92	4		4		4		4		4	
1/4	5,030.88	1/4	5,502.03	1/4	5,790.32	1/4	6,078.62	1/4	6,318.45	1/4		1/4		1/4		1/4		1/4	
1/2	5,041.14	1/2	5,508.03	1/2	5,796.32	1/2	6,084.62	1/2	6,318.98	1/2		1/2		1/2		1/2		1/2	
3/4	5,051.39	3/4	5,514.04	3/4	5,802.33	3/4	6,090.63	3/4	6,319.51	3/4		3/4		3/4		3/4		3/4	
5	5,061.65	5	5,520.04	5	5,808.33	5	6,096.63	5	6,320.04	5		5		5		5		5	
1/4	5,071.91	1/4	5,526.05	1/4	5,814.34	1/4	6,102.64	1/4	6,320.39	1/4		1/4		1/4		1/4		1/4	
1/2	5,082.17	1/2	5,532.06	1/2	5,820.35	1/2	6,108.65	1/2	6,320.74	1/2		1/2		1/2		1/2		1/2	
3/4	5,092.43	3/4	5,538.06	3/4	5,826.35	3/4	6,114.65	3/4	6,321.09	3/4		3/4		3/4		3/4		3/4	
6	5,102.69	6	5,544.07	6	5,832.36	6	6,120.66	6	6,321.44	6		6		6		6		6	
1/4	5,112.95	1/4	5,550.08	1/4	5,838.37	1/4	6,126.67	1/4	6,321.87	1/4		1/4		1/4		1/4		1/4	
1/2	5,123.21	1/2	5,556.08	1/2	5,844.37	1/2	6,132.67	1/2	6,321.89	1/2		1/2		1/2		1/2		1/2	
3/4	5,133.46	3/4	5,562.09	3/4	5,850.38	3/4	6,138.68	3/4	6,322.12	3/4		3/4		3/4		3/4		3/4	
7	5,143.72	7	5,568.09	7	5,856.38	7	6,144.68	7	6,322.34	7		7		7		7		7	
1/4	5,153.98	1/4	5,574.10	1/4	5,862.39	1/4	6,150.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,164.24	1/2	5,580.10	1/2	5,868.39	1/2	6,156.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,174.49	3/4	5,586.11	3/4	5,874.40	3/4	6,162.70	3/4		3/4		3/4		3/4		3/4		3/4	
8	5,184.75	8	5,592.11	8	5,880.40	8	6,168.71	8		8		8		8		8		8	
1/4	5,195.01	1/4	5,598.12	1/4	5,886.41	1/4	6,174.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,205.27	1/2	5,604.13	1/2	5,892.42	1/2	6,180.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,215.53	3/4	5,610.13	3/4	5,898.42	3/4	6,186.73	3/4		3/4		3/4		3/4		3/4		3/4	
9	5,225.79	9	5,616.14	9	5,904.43	9	6,192.73	9		9		9		9		9		9	
1/4	5,236.05	1/4	5,622.15	1/4	5,910.44	1/4	6,198.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,246.31	1/2	5,628.15	1/2	5,916.44	1/2	6,204.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,256.56	3/4	5,634.16	3/4	5,922.45	3/4	6,210.75	3/4		3/4		3/4		3/4		3/4		3/4	
10	5,266.82	10	5,640.16	10	5,928.45	10	6,216.76	10		10		10		10		10		10	
1/4	5,277.08	1/4	5,646.17	1/4	5,934.46	1/4	6,222.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,287.34	1/2	5,652.18	1/2	5,940.47	1/2	6,228.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,297.59	3/4	5,658.18	3/4	5,946.47	3/4	6,234.78	3/4		3/4		3/4		3/4		3/4		3/4	
11	5,307.85	11	5,664.19	11	5,952.48	11	6,240.78	11		11		11		11		11		11	
1/4	5,318.11	1/4	5,670.20	1/4	5,958.49	1/4	6,246.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,328.37	1/2	5,676.20	1/2	5,964.49	1/2	6,252.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,338.62	3/4	5,682.21	3/4	5,970.50	3/4	6,258.80	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2003 ITS
DECK MEASUREMENTS: 08/25/2008 SW
REPRINTED: 07/27/2008 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pma3corp.net>



BARGE WEB 316"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	584	0	1,167	0	1,751	0	0	0	0	0	0	0	0	0	0	0	0
1/4	12	1/4	596	1/4	1,179	1/4	1,763	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24	1/2	608	1/2	1,192	1/2	1,775	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	36	3/4	620	3/4	1,204	3/4	1,787	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	49	1	632	1	1,216	1	1,799	1	1	1	1	1	1	1	1	1	1	1	1
1/4	61	1/4	645	1/4	1,228	1/4	1,811	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73	1/2	657	1/2	1,240	1/2	1,824	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	85	3/4	669	3/4	1,252	3/4	1,836	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	97	2	681	2	1,264	2	1,848	2	2	2	2	2	2	2	2	2	2	2	2
1/4	109	1/4	693	1/4	1,277	1/4	1,860	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122	1/2	705	1/2	1,289	1/2	1,872	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	134	3/4	717	3/4	1,301	3/4	1,884	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	146	3	730	3	1,313	3	1,897	3	3	3	3	3	3	3	3	3	3	3	3
1/4	158	1/4	742	1/4	1,325	1/4	1,909	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	170	1/2	754	1/2	1,337	1/2	1,921	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	182	3/4	766	3/4	1,350	3/4	1,933	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	194	4	778	4	1,362	4	1,945	4	4	4	4	4	4	4	4	4	4	4	4
1/4	207	1/4	790	1/4	1,374	1/4	1,957	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	219	1/2	803	1/2	1,386	1/2	1,969	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	231	3/4	815	3/4	1,398	3/4	1,982	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	243	5	827	5	1,410	5	1,994	5	5	5	5	5	5	5	5	5	5	5	5
1/4	255	1/4	839	1/4	1,422	1/4	2,006	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	267	1/2	851	1/2	1,435	1/2	2,018	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	280	3/4	863	3/4	1,447	3/4	2,030	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	292	6	875	6	1,459	6	2,042	6	6	6	6	6	6	6	6	6	6	6	6
1/4	304	1/4	888	1/4	1,471	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	316	1/2	900	1/2	1,483	1/2		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	328	3/4	912	3/4	1,495	3/4		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	341	7	924	7	1,508	7		7	7	7	7	7	7	7	7	7	7	7	7
1/4	353	1/4	936	1/4	1,520	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	365	1/2	948	1/2	1,532	1/2		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	377	3/4	961	3/4	1,544	3/4		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	389	8	973	8	1,556	8		8	8	8	8	8	8	8	8	8	8	8	8
1/4	401	1/4	985	1/4	1,568	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	414	1/2	997	1/2	1,581	1/2		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	426	3/4	1,009	3/4	1,593	3/4		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	438	9	1,021	9	1,605	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	450	1/4	1,033	1/4	1,617	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	462	1/2	1,046	1/2	1,629	1/2		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	474	3/4	1,058	3/4	1,641	3/4		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	486	10	1,070	10	1,653	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	499	1/4	1,082	1/4	1,666	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	511	1/2	1,094	1/2	1,678	1/2		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	523	3/4	1,106	3/4	1,690	3/4		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	535	11	1,119	11	1,702	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	547	1/4	1,131	1/4	1,714	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	559	1/2	1,143	1/2	1,726	1/2		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	572	3/4	1,155	3/4	1,739	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

STRAPPED: 07/09/2018 SW
CALCULATED: 07/11/2018 CL
PRINTED: 07/11/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77580
<http://www.pnacorp.net>

Owner Furnished Material WEB 316

Cargo Pump Engine *DAVE*
Drive Shaft *DAVE*
Cargo Relief Valve *DAVE*
One (1) vapor system PV valve *DAVE*
One (1) slop tank PV valve *DAVE*
Stripping Pump

One (1) vapor vent stack

One (1) tanker man shed *here*

One (1) 1/2", 150# stainless steel companion flange
Two (2) 1", 150# stainless steel slip on flange
Two (2) 1", 150# stainless steel blind
Two (2) 2", 150#, stainless steel slip on flanges
Three (3) 8", 150# stainless steel slip on flanges
Four (4) 10", 150# stainless steel slip on flanges
One (1) 10" 150# wafer check valve

One (1) 3/4" threaded stainless steel ball valve.
One (1) 3/4" threaded pipe plug
One (1) 1" 150#, stainless steel ball valve
One (1) 1", 150#, stainless steel threaded plug.
One (1) 1" 150# stainless steel flanged gate valve.
One (1) 2", 150#, stainless steel ball valve

Six (6) new "GP" top off paddles
One (1) alarm DAK box

2-1/2" x 10'-0" conduit.
2" x 74'-0" conduit.
3/4" x 13'-0" conduit.

Five hundred (500) feet of owner furnished 3/8" Dia. stainless steel wire rope. *DAVE*
Three (3) 1" x 75'-0" cable. *DAVE*
Four (4) owner furnished "D" rings at each deck winch.

DAVE