



# BARGE "WEB 403"

## INNAGE TRIM TABLE

	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 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
4 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(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 2 PORT IS - 00-3/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 206'-06"

March 27, 2008

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

<http://www.pmacorp.net>



# BARGE "WEB 403"

# 1 CENTER INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 17'-01 1/2"

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	3.42	0	298.18	0	682.45	0	1,092.33	0	1,502.27	0	1,912.23	0	2,322.20	0	2,732.17	0	3,142.14	0	3,552.11
1/4	5.96	1/4	306.63	1/4	690.99	1/4	1,100.87	1/4	1,510.81	1/4	1,920.77	1/4	2,330.74	1/4	2,740.71	1/4	3,150.68	1/4	3,560.65
1/2	8.50	1/2	312.89	1/2	699.53	1/2	1,109.41	1/2	1,519.35	1/2	1,929.32	1/2	2,339.29	1/2	2,749.25	1/2	3,159.22	1/2	3,569.19
3/4	11.04	3/4	320.24	3/4	708.07	3/4	1,117.95	3/4	1,527.89	3/4	1,937.86	3/4	2,347.83	3/4	2,757.79	3/4	3,167.76	3/4	3,577.73
1	13.58	1	327.59	1	716.61	1	1,126.49	1	1,536.43	1	1,946.40	1	2,356.37	1	2,766.33	1	3,176.30	1	3,586.27
1/4	18.16	1/4	335.07	1/4	725.15	1/4	1,135.03	1/4	1,544.97	1/4	1,954.94	1/4	2,366.91	1/4	2,776.87	1/4	3,186.84	1/4	3,596.81
1/2	22.73	1/2	342.54	1/2	733.69	1/2	1,143.67	1/2	1,553.61	1/2	1,963.48	1/2	2,373.45	1/2	2,783.42	1/2	3,193.38	1/2	3,603.35
3/4	27.31	3/4	350.02	3/4	742.23	3/4	1,152.10	3/4	1,562.05	3/4	1,972.02	3/4	2,381.99	3/4	2,791.96	3/4	3,201.93	3/4	3,611.89
2	31.88	2	357.49	2	750.77	2	1,160.64	2	1,570.59	2	1,980.56	2	2,390.53	2	2,800.50	2	3,210.47	2	3,620.43
1/4	37.78	1/4	365.09	1/4	759.31	1/4	1,169.18	1/4	1,579.13	1/4	1,989.10	1/4	2,399.07	1/4	2,809.04	1/4	3,219.01	1/4	3,628.97
1/2	43.67	1/2	372.68	1/2	767.85	1/2	1,177.72	1/2	1,587.68	1/2	1,997.65	1/2	2,407.61	1/2	2,817.58	1/2	3,227.56	1/2	3,637.51
3/4	49.57	3/4	380.28	3/4	776.39	3/4	1,186.26	3/4	1,596.22	3/4	2,006.19	3/4	2,416.16	3/4	2,826.12	3/4	3,236.09	3/4	3,646.06
3	55.46	3	387.87	3	784.93	3	1,194.80	3	1,604.76	3	2,014.73	3	2,424.69	3	2,834.66	3	3,244.63	3	3,654.60
1/4	61.72	1/4	395.59	1/4	793.47	1/4	1,203.34	1/4	1,613.30	1/4	2,023.27	1/4	2,433.23	1/4	2,843.20	1/4	3,253.17	1/4	3,663.14
1/2	67.97	1/2	403.31	1/2	802.01	1/2	1,211.88	1/2	1,621.84	1/2	2,031.81	1/2	2,441.78	1/2	2,851.75	1/2	3,261.71	1/2	3,671.69
3/4	74.23	3/4	411.02	3/4	810.55	3/4	1,220.42	3/4	1,630.38	3/4	2,040.36	3/4	2,450.32	3/4	2,860.29	3/4	3,270.25	3/4	3,680.22
4	80.48	4	418.74	4	819.09	4	1,228.96	4	1,638.92	4	2,048.89	4	2,458.86	4	2,868.83	4	3,278.79	4	3,688.76
1/4	86.86	1/4	426.68	1/4	827.63	1/4	1,237.50	1/4	1,647.46	1/4	2,057.43	1/4	2,467.40	1/4	2,877.37	1/4	3,287.33	1/4	3,697.30
1/2	93.23	1/2	434.42	1/2	836.16	1/2	1,246.04	1/2	1,656.01	1/2	2,065.97	1/2	2,475.94	1/2	2,885.91	1/2	3,295.87	1/2	3,705.84
3/4	99.61	3/4	442.25	3/4	844.70	3/4	1,254.58	3/4	1,664.55	3/4	2,074.51	3/4	2,484.48	3/4	2,894.45	3/4	3,304.42	3/4	3,714.39
5	105.98	5	450.09	5	853.24	5	1,263.12	5	1,673.09	5	2,083.05	5	2,493.02	5	2,902.99	5	3,312.96	5	3,722.93
1/4	112.48	1/4	458.05	1/4	861.78	1/4	1,271.66	1/4	1,681.63	1/4	2,091.59	1/4	2,501.56	1/4	2,911.53	1/4	3,321.50	1/4	3,731.47
1/2	118.98	1/2	466.02	1/2	870.32	1/2	1,280.20	1/2	1,690.17	1/2	2,100.14	1/2	2,510.11	1/2	2,920.07	1/2	3,330.04	1/2	3,740.01
3/4	125.48	3/4	473.98	3/4	878.86	3/4	1,288.74	3/4	1,698.71	3/4	2,108.68	3/4	2,518.65	3/4	2,928.61	3/4	3,338.58	3/4	3,748.55
6	131.98	6	481.94	6	887.40	6	1,297.28	6	1,707.25	6	2,117.22	6	2,527.19	6	2,937.15	6	3,347.12	6	3,757.09
1/4	138.60	1/4	490.02	1/4	895.94	1/4	1,305.82	1/4	1,715.79	1/4	2,125.76	1/4	2,535.73	1/4	2,945.69	1/4	3,355.66	1/4	3,765.63
1/2	145.22	1/2	498.11	1/2	904.47	1/2	1,314.37	1/2	1,724.33	1/2	2,134.30	1/2	2,544.27	1/2	2,954.24	1/2	3,364.20	1/2	3,774.17
3/4	151.84	3/4	506.19	3/4	913.01	3/4	1,322.91	3/4	1,732.87	3/4	2,142.84	3/4	2,552.81	3/4	2,962.78	3/4	3,372.75	3/4	3,782.71
7	158.46	7	514.27	7	921.55	7	1,331.45	7	1,741.41	7	2,151.38	7	2,561.35	7	2,971.32	7	3,381.29	7	3,791.25
1/4	165.20	1/4	522.48	1/4	930.09	1/4	1,339.99	1/4	1,749.95	1/4	2,159.92	1/4	2,569.89	1/4	2,979.86	1/4	3,389.83	1/4	3,799.79
1/2	171.95	1/2	530.68	1/2	938.63	1/2	1,348.53	1/2	1,758.50	1/2	2,168.47	1/2	2,578.43	1/2	2,988.40	1/2	3,398.37	1/2	3,808.33
3/4	178.69	3/4	538.89	3/4	947.17	3/4	1,357.07	3/4	1,767.04	3/4	2,177.01	3/4	2,586.97	3/4	2,996.94	3/4	3,406.91	3/4	3,816.88
8	185.43	8	547.09	8	955.71	8	1,365.61	8	1,775.58	8	2,185.55	8	2,595.51	8	3,005.48	8	3,415.45	8	3,825.42
1/4	192.30	1/4	555.42	1/4	964.26	1/4	1,374.16	1/4	1,784.12	1/4	2,194.09	1/4	2,604.05	1/4	3,014.02	1/4	3,423.99	1/4	3,833.96
1/2	199.16	1/2	563.76	1/2	972.78	1/2	1,382.69	1/2	1,792.66	1/2	2,202.63	1/2	2,612.60	1/2	3,022.57	1/2	3,432.53	1/2	3,842.50
3/4	206.03	3/4	572.07	3/4	981.32	3/4	1,391.23	3/4	1,801.20	3/4	2,211.17	3/4	2,621.14	3/4	3,031.11	3/4	3,441.07	3/4	3,851.04
9	212.89	9	580.40	9	989.86	9	1,399.77	9	1,809.74	9	2,219.71	9	2,629.68	9	3,039.65	9	3,449.61	9	3,859.58
1/4	219.88	1/4	588.85	1/4	998.40	1/4	1,408.31	1/4	1,818.28	1/4	2,228.25	1/4	2,638.22	1/4	3,048.19	1/4	3,458.15	1/4	3,868.12
1/2	226.86	1/2	597.30	1/2	1,006.94	1/2	1,416.86	1/2	1,826.83	1/2	2,236.79	1/2	2,646.76	1/2	3,056.73	1/2	3,466.69	1/2	3,876.66
3/4	233.85	3/4	605.74	3/4	1,015.48	3/4	1,425.40	3/4	1,835.37	3/4	2,245.33	3/4	2,655.30	3/4	3,065.27	3/4	3,475.24	3/4	3,885.21
10	240.83	10	614.19	10	1,024.02	10	1,433.94	10	1,843.91	10	2,253.87	10	2,663.84	10	3,073.81	10	3,483.78	10	3,893.75
1/4	247.94	1/4	622.72	1/4	1,032.56	1/4	1,442.48	1/4	1,852.46	1/4	2,262.41	1/4	2,672.38	1/4	3,082.36	1/4	3,492.32	1/4	3,902.29
1/2	255.05	1/2	631.24	1/2	1,041.10	1/2	1,451.02	1/2	1,860.99	1/2	2,270.96	1/2	2,680.93	1/2	3,090.89	1/2	3,500.86	1/2	3,910.83
3/4	262.15	3/4	639.77	3/4	1,049.64	3/4	1,459.56	3/4	1,869.53	3/4	2,279.50	3/4	2,689.47	3/4	3,099.43	3/4	3,509.40	3/4	3,919.37
11	269.26	11	648.29	11	1,058.18	11	1,468.10	11	1,878.07	11	2,288.04	11	2,698.01	11	3,107.97	11	3,517.94	11	3,927.91
1/4	276.49	1/4	656.83	1/4	1,066.72	1/4	1,476.64	1/4	1,886.61	1/4	2,296.58	1/4	2,706.55	1/4	3,116.51	1/4	3,526.48	1/4	3,936.45
1/2	283.72	1/2	665.37	1/2	1,075.26	1/2	1,485.19	1/2	1,895.15	1/2	2,305.12	1/2	2,715.09	1/2	3,125.05	1/2	3,535.02	1/2	3,944.99
3/4	290.95	3/4	673.91	3/4	1,083.79	3/4	1,493.73	3/4	1,903.69	3/4	2,313.66	3/4	2,723.63	3/4	3,133.60	3/4	3,543.57	3/4	3,953.53

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 FROM THE TOP LIP OF HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 03'-08" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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<http://www.pmacorp.net>



# BARGE "WEB 403"

## 1 CENTER INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 17'-01 1/2"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	3,962.07	4,372.04	4,782.01	5,191.98	5,601.95	6,011.91				
1/4	3,970.61	4,380.58	4,790.55	5,200.52	5,610.49	6,020.45				
1/2	3,979.15	4,389.12	4,799.09	5,209.06	5,619.03	6,028.99				
3/4	3,987.70	4,397.67	4,807.63	5,217.60	5,627.57	6,037.54				
1	3,996.24	4,406.21	4,816.17	5,226.14	5,636.11	6,046.08				
1/4	4,004.78	4,414.75	4,824.71	5,234.68	5,644.65	6,054.62				
1/2	4,013.32	4,423.29	4,833.25	5,243.22	5,653.19	6,062.09				
3/4	4,021.86	4,431.83	4,841.80	5,251.77	5,661.73	6,070.10				
2	4,030.40	4,440.37	4,850.34	5,260.31	5,670.27	6,078.11				
1/4	4,038.94	4,448.91	4,858.88	5,268.85	5,678.81	6,084.87				
1/2	4,047.48	4,457.45	4,867.42	5,277.39	5,687.35	6,091.63				
3/4	4,056.03	4,465.99	4,875.96	5,285.93	5,695.90	6,098.39				
3	4,064.57	4,474.53	4,884.50	5,294.47	5,704.44	6,105.15				
1/4	4,073.11	4,483.07	4,893.04	5,303.01	5,712.98	6,110.49				
1/2	4,081.65	4,491.61	4,901.58	5,311.55	5,721.52	6,115.82				
3/4	4,090.19	4,500.16	4,910.13	5,320.09	5,730.06	6,121.16				
4	4,098.73	4,508.70	4,918.67	5,328.63	5,738.60	6,126.50				
1/4	4,107.27	4,517.24	4,927.21	5,337.17	5,747.14	6,130.41				
1/2	4,115.81	4,525.78	4,935.75	5,345.71	5,755.68	6,134.32				
3/4	4,124.35	4,534.32	4,944.29	5,354.26	5,764.23	6,138.24				
5	4,132.89	4,542.86	4,952.83	5,362.80	5,772.77	6,142.15				
1/4	4,141.43	4,551.40	4,961.37	5,371.34	5,781.31	6,144.64				
1/2	4,149.97	4,559.94	4,969.91	5,379.88	5,789.85	6,147.13				
3/4	4,158.52	4,568.49	4,978.45	5,388.42	5,798.39	6,149.62				
6	4,167.06	4,577.03	4,986.99	5,396.96	5,806.93	6,152.11				
1/4	4,175.60	4,585.57	4,995.53	5,405.50	5,815.47	6,153.17				
1/2	4,184.14	4,594.11	5,004.07	5,414.04	5,824.01	6,154.24				
3/4	4,192.68	4,602.65	5,012.62	5,422.59	5,832.55	6,155.30				
7	4,201.22	4,611.19	5,021.16	5,431.13	5,841.09	6,156.37				
1/4	4,209.76	4,619.73	5,029.70	5,439.67	5,849.63	6,157.08				
1/2	4,218.30	4,628.27	5,038.24	5,448.21	5,858.17					
3/4	4,226.86	4,636.81	5,046.78	5,456.75	5,866.72					
8	4,235.39	4,645.35	5,055.32	5,465.29	5,875.26					
1/4	4,243.93	4,653.89	5,063.86	5,473.83	5,883.80					
1/2	4,252.47	4,662.43	5,072.40	5,482.37	5,892.34					
3/4	4,261.01	4,670.98	5,080.95	5,490.91	5,900.88					
9	4,269.55	4,679.52	5,089.49	5,499.45	5,909.42					
1/4	4,278.09	4,688.06	5,098.03	5,507.99	5,917.96					
1/2	4,286.63	4,696.60	5,106.57	5,516.53	5,926.50					
3/4	4,295.17	4,705.14	5,115.11	5,525.08	5,935.05					
10	4,303.71	4,713.68	5,123.65	5,533.62	5,943.59					
1/4	4,312.25	4,722.22	5,132.19	5,542.16	5,952.13					
1/2	4,320.79	4,730.76	5,140.73	5,550.70	5,960.67					
3/4	4,329.34	4,739.31	5,149.27	5,559.24	5,969.21					
11	4,337.88	4,747.85	5,157.81	5,567.78	5,977.75					
1/4	4,346.42	4,756.39	5,166.35	5,576.32	5,986.29					
1/2	4,354.96	4,764.93	5,174.89	5,584.86	5,994.83					
3/4	4,363.50	4,773.47	5,183.44	5,593.41	6,003.37					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2003 ITS  
DECK MEASUREMENTS: 03/27/2008 SW CL  
REPRINTED: 03/28/2008 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2008

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



# BARGE "WEB 403"

## 2 PORT INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 16'-09 1/8"

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	12.47	0	227.20	0	444.94	0	662.06	0	879.62	0	1,097.37	0	1,316.13	0	1,532.89	0	1,750.64	0	1,968.40
1/4	16.25	1/4	231.74	1/4	449.48	1/4	666.58	1/4	884.16	1/4	1,101.91	1/4	1,319.67	1/4	1,537.43	1/4	1,755.18	1/4	1,972.94
1/2	20.03	1/2	236.28	1/2	454.01	1/2	671.10	1/2	888.69	1/2	1,106.46	1/2	1,324.21	1/2	1,541.96	1/2	1,759.72	1/2	1,977.47
3/4	23.81	3/4	240.81	3/4	458.55	3/4	675.62	3/4	893.23	3/4	1,110.98	3/4	1,328.74	3/4	1,546.50	3/4	1,764.25	3/4	1,982.01
1	27.59	1	245.35	1	463.08	1	680.14	1	897.76	1	1,115.52	1	1,333.28	1	1,551.03	1	1,768.79	1	1,986.55
1/4	32.13	1/4	249.89	1/4	467.62	1/4	684.66	1/4	902.30	1/4	1,120.06	1/4	1,337.82	1/4	1,555.57	1/4	1,773.33	1/4	1,991.08
1/2	36.67	1/2	254.43	1/2	472.15	1/2	689.18	1/2	906.84	1/2	1,124.60	1/2	1,342.35	1/2	1,560.11	1/2	1,777.87	1/2	1,995.62
3/4	41.20	3/4	258.96	3/4	476.69	3/4	693.70	3/4	911.37	3/4	1,129.13	3/4	1,346.89	3/4	1,564.64	3/4	1,782.40	3/4	2,000.15
2	45.74	2	263.50	2	481.22	2	698.22	2	915.91	2	1,133.67	2	1,351.42	2	1,569.18	2	1,786.94	2	2,004.69
1/4	50.28	1/4	268.04	1/4	485.76	1/4	702.74	1/4	920.45	1/4	1,138.21	1/4	1,355.96	1/4	1,573.72	1/4	1,791.48	1/4	2,009.23
1/2	54.82	1/2	272.57	1/2	490.29	1/2	707.26	1/2	924.99	1/2	1,142.74	1/2	1,360.50	1/2	1,578.26	1/2	1,796.01	1/2	2,013.76
3/4	59.35	3/4	277.11	3/4	494.83	3/4	711.78	3/4	929.52	3/4	1,147.28	3/4	1,365.03	3/4	1,582.79	3/4	1,800.55	3/4	2,018.30
3	63.89	3	281.64	3	499.36	3	716.30	3	934.06	3	1,151.81	3	1,369.57	3	1,587.33	3	1,805.08	3	2,022.84
1/4	68.43	1/4	286.18	1/4	503.88	1/4	720.84	1/4	938.60	1/4	1,156.35	1/4	1,374.11	1/4	1,591.87	1/4	1,809.62	1/4	2,027.38
1/2	72.96	1/2	290.72	1/2	508.40	1/2	725.38	1/2	943.13	1/2	1,160.89	1/2	1,378.65	1/2	1,596.40	1/2	1,814.16	1/2	2,031.91
3/4	77.50	3/4	295.25	3/4	512.91	3/4	729.91	3/4	947.67	3/4	1,165.42	3/4	1,383.18	3/4	1,600.94	3/4	1,818.69	3/4	2,036.45
4	82.03	4	299.79	4	517.43	4	734.45	4	952.20	4	1,169.96	4	1,387.72	4	1,605.47	4	1,823.23	4	2,040.99
1/4	86.57	1/4	304.33	1/4	521.95	1/4	738.99	1/4	956.74	1/4	1,174.50	1/4	1,392.26	1/4	1,610.01	1/4	1,827.77	1/4	2,045.52
1/2	91.11	1/2	308.87	1/2	526.47	1/2	743.52	1/2	961.28	1/2	1,179.04	1/2	1,396.79	1/2	1,614.55	1/2	1,832.31	1/2	2,050.06
3/4	95.64	3/4	313.40	3/4	530.99	3/4	748.06	3/4	965.81	3/4	1,183.57	3/4	1,401.33	3/4	1,619.08	3/4	1,836.84	3/4	2,054.59
5	100.18	5	317.94	5	535.51	5	752.59	5	970.35	5	1,188.11	5	1,405.86	5	1,623.62	5	1,841.38	5	2,059.13
1/4	104.72	1/4	322.48	1/4	540.03	1/4	757.13	1/4	974.89	1/4	1,192.65	1/4	1,410.40	1/4	1,628.16	1/4	1,845.92	1/4	2,063.67
1/2	109.26	1/2	327.01	1/2	544.55	1/2	761.67	1/2	979.43	1/2	1,197.18	1/2	1,414.94	1/2	1,632.70	1/2	1,850.45	1/2	2,068.20
3/4	113.79	3/4	331.55	3/4	549.07	3/4	766.20	3/4	983.96	3/4	1,201.72	3/4	1,419.47	3/4	1,637.23	3/4	1,854.99	3/4	2,072.74
6	118.33	6	336.08	6	553.59	6	770.74	6	988.50	6	1,206.25	6	1,424.01	6	1,641.77	6	1,859.52	6	2,077.28
1/4	122.87	1/4	340.62	1/4	558.11	1/4	775.28	1/4	993.04	1/4	1,210.79	1/4	1,428.55	1/4	1,646.31	1/4	1,864.06	1/4	2,081.82
1/2	127.40	1/2	345.16	1/2	562.63	1/2	779.82	1/2	997.57	1/2	1,215.33	1/2	1,433.09	1/2	1,650.84	1/2	1,868.60	1/2	2,086.35
3/4	131.94	3/4	349.69	3/4	567.15	3/4	784.35	3/4	1,002.11	3/4	1,219.86	3/4	1,437.62	3/4	1,655.38	3/4	1,873.13	3/4	2,090.89
7	136.47	7	354.23	7	571.67	7	788.89	7	1,006.64	7	1,224.40	7	1,442.16	7	1,659.91	7	1,877.67	7	2,095.43
1/4	141.01	1/4	358.77	1/4	576.19	1/4	793.43	1/4	1,011.18	1/4	1,228.94	1/4	1,446.70	1/4	1,664.45	1/4	1,882.21	1/4	2,099.96
1/2	145.55	1/2	363.31	1/2	580.71	1/2	797.96	1/2	1,015.72	1/2	1,233.48	1/2	1,451.23	1/2	1,668.99	1/2	1,886.75	1/2	2,104.50
3/4	150.08	3/4	367.84	3/4	585.23	3/4	802.50	3/4	1,020.25	3/4	1,238.01	3/4	1,455.77	3/4	1,673.52	3/4	1,891.28	3/4	2,109.03
8	154.62	8	372.38	8	589.76	8	807.03	8	1,024.79	8	1,242.55	8	1,460.30	8	1,678.06	8	1,895.82	8	2,113.57
1/4	159.16	1/4	376.92	1/4	594.27	1/4	811.57	1/4	1,029.33	1/4	1,247.09	1/4	1,464.84	1/4	1,682.60	1/4	1,900.36	1/4	2,118.11
1/2	163.70	1/2	381.45	1/2	598.79	1/2	816.11	1/2	1,033.86	1/2	1,251.62	1/2	1,469.38	1/2	1,687.14	1/2	1,904.89	1/2	2,122.64
3/4	168.23	3/4	385.99	3/4	603.30	3/4	820.64	3/4	1,038.40	3/4	1,256.16	3/4	1,473.91	3/4	1,691.67	3/4	1,909.43	3/4	2,127.18
9	172.77	9	390.52	9	607.82	9	825.18	9	1,042.93	9	1,260.69	9	1,478.45	9	1,696.21	9	1,913.96	9	2,131.72
1/4	177.31	1/4	395.06	1/4	612.34	1/4	829.72	1/4	1,047.47	1/4	1,265.23	1/4	1,482.99	1/4	1,700.75	1/4	1,918.50	1/4	2,136.26
1/2	181.84	1/2	399.59	1/2	616.86	1/2	834.25	1/2	1,052.01	1/2	1,269.77	1/2	1,487.52	1/2	1,705.28	1/2	1,923.04	1/2	2,140.79
3/4	186.38	3/4	404.13	3/4	621.38	3/4	838.79	3/4	1,056.54	3/4	1,274.30	3/4	1,492.06	3/4	1,709.82	3/4	1,927.57	3/4	2,145.33
10	190.91	10	408.66	10	625.90	10	843.32	10	1,061.08	10	1,278.84	10	1,496.59	10	1,714.35	10	1,932.11	10	2,149.87
1/4	195.45	1/4	413.20	1/4	630.42	1/4	847.86	1/4	1,065.62	1/4	1,283.38	1/4	1,501.13	1/4	1,718.89	1/4	1,936.65	1/4	2,154.40
1/2	199.99	1/2	417.73	1/2	634.94	1/2	852.40	1/2	1,070.16	1/2	1,287.91	1/2	1,505.67	1/2	1,723.43	1/2	1,941.18	1/2	2,158.94
3/4	204.52	3/4	422.27	3/4	639.46	3/4	856.93	3/4	1,074.69	3/4	1,292.45	3/4	1,510.20	3/4	1,727.96	3/4	1,945.72	3/4	2,163.47
11	209.06	11	426.80	11	643.98	11	861.47	11	1,079.23	11	1,296.98	11	1,514.74	11	1,732.50	11	1,950.25	11	2,168.01
1/4	213.60	1/4	431.34	1/4	648.50	1/4	866.01	1/4	1,083.77	1/4	1,301.52	1/4	1,519.28	1/4	1,737.04	1/4	1,954.79	1/4	2,172.55
1/2	218.13	1/2	435.87	1/2	653.02	1/2	870.55	1/2	1,088.30	1/2	1,306.06	1/2	1,523.82	1/2	1,741.57	1/2	1,959.33	1/2	2,177.08
3/4	222.67	3/4	440.41	3/4	657.54	3/4	875.08	3/4	1,092.84	3/4	1,310.59	3/4	1,528.35	3/4	1,746.11	3/4	1,963.86	3/4	2,181.62

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 FROM THE TOP LIP OF HERMETIC VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.  
 CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77568  
<http://www.pmacorp.net>



# BARGE "WEB 403"

## 2 PORT INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 16'-09 1/8"

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	2,186.16	0	2,403.91	0	2,621.67	0	2,839.43	0	3,057.19	0	3,274.94	0		0		0		0	
1/4	2,190.69	1/4	2,408.48	1/4	2,626.21	1/4	2,843.96	1/4	3,061.72	1/4	3,279.10	1/4		1/4		1/4		1/4	
1/2	2,195.23	1/2	2,412.98	1/2	2,630.74	1/2	2,848.50	1/2	3,066.26	1/2	3,283.26	1/2		1/2		1/2		1/2	
3/4	2,199.76	3/4	2,417.52	3/4	2,635.28	3/4	2,853.03	3/4	3,070.79	3/4	3,287.42	3/4		3/4		3/4		3/4	
1	2,204.30	1	2,422.06	1	2,639.82	1	2,857.57	1	3,075.33	1	3,291.58	1		1		1		1	
1/4	2,208.84	1/4	2,426.60	1/4	2,644.35	1/4	2,862.11	1/4	3,079.87	1/4	3,294.98	1/4		1/4		1/4		1/4	
1/2	2,213.37	1/2	2,431.13	1/2	2,648.89	1/2	2,866.64	1/2	3,084.40	1/2	3,298.38	1/2		1/2		1/2		1/2	
3/4	2,217.91	3/4	2,435.67	3/4	2,653.42	3/4	2,871.18	3/4	3,088.94	3/4	3,301.79	3/4		3/4		3/4		3/4	
2	2,222.45	2	2,440.21	2	2,657.96	2	2,875.72	2	3,093.48	2	3,305.19	2		2		2		2	
1/4	2,226.99	1/4	2,444.74	1/4	2,662.50	1/4	2,880.26	1/4	3,098.01	1/4	3,307.83	1/4		1/4		1/4		1/4	
1/2	2,231.52	1/2	2,449.28	1/2	2,667.03	1/2	2,884.79	1/2	3,102.55	1/2	3,310.48	1/2		1/2		1/2		1/2	
3/4	2,236.06	3/4	2,453.81	3/4	2,671.57	3/4	2,889.33	3/4	3,107.08	3/4	3,313.12	3/4		3/4		3/4		3/4	
3	2,240.60	3	2,458.35	3	2,676.11	3	2,893.87	3	3,111.62	3	3,315.77	3		3		3		3	
1/4	2,245.13	1/4	2,462.89	1/4	2,680.65	1/4	2,898.40	1/4	3,116.16	1/4	3,317.66	1/4		1/4		1/4		1/4	
1/2	2,249.67	1/2	2,467.42	1/2	2,685.18	1/2	2,902.94	1/2	3,120.69	1/2	3,319.55	1/2		1/2		1/2		1/2	
3/4	2,254.20	3/4	2,471.96	3/4	2,689.72	3/4	2,907.47	3/4	3,125.23	3/4	3,321.44	3/4		3/4		3/4		3/4	
4	2,258.74	4	2,476.50	4	2,694.26	4	2,912.01	4	3,129.77	4	3,323.33	4		4		4		4	
1/4	2,263.28	1/4	2,481.04	1/4	2,698.79	1/4	2,916.55	1/4	3,134.31	1/4	3,324.46	1/4		1/4		1/4		1/4	
1/2	2,267.81	1/2	2,485.57	1/2	2,703.33	1/2	2,921.08	1/2	3,138.84	1/2	3,325.60	1/2		1/2		1/2		1/2	
3/4	2,272.35	3/4	2,490.11	3/4	2,707.86	3/4	2,925.62	3/4	3,143.38	3/4	3,326.73	3/4		3/4		3/4		3/4	
5	2,276.89	5	2,494.65	5	2,712.40	5	2,930.16	5	3,147.92	5	3,327.87	5		5		5		5	
1/4	2,281.43	1/4	2,499.18	1/4	2,716.94	1/4	2,934.70	1/4	3,152.45	1/4	3,328.25	1/4		1/4		1/4		1/4	
1/2	2,285.96	1/2	2,503.72	1/2	2,721.47	1/2	2,939.23	1/2	3,156.99	1/2	3,328.62	1/2		1/2		1/2		1/2	
3/4	2,290.50	3/4	2,508.25	3/4	2,726.01	3/4	2,943.77	3/4	3,161.52	3/4	3,329.00	3/4		3/4		3/4		3/4	
6	2,295.04	6	2,512.79	6	2,730.55	6	2,948.31	6	3,166.06	6	3,329.38	6		6		6		6	
1/4	2,299.57	1/4	2,517.33	1/4	2,735.09	1/4	2,952.84	1/4	3,170.60	1/4		1/4		1/4		1/4		1/4	
1/2	2,304.11	1/2	2,521.86	1/2	2,739.62	1/2	2,957.38	1/2	3,175.13	1/2		1/2		1/2		1/2		1/2	
3/4	2,308.64	3/4	2,526.40	3/4	2,744.16	3/4	2,961.91	3/4	3,179.67	3/4		3/4		3/4		3/4		3/4	
7	2,313.18	7	2,530.94	7	2,748.70	7	2,966.45	7	3,184.21	7		7		7		7		7	
1/4	2,317.72	1/4	2,535.48	1/4	2,753.23	1/4	2,970.99	1/4	3,188.75	1/4		1/4		1/4		1/4		1/4	
1/2	2,322.25	1/2	2,540.01	1/2	2,757.77	1/2	2,975.52	1/2	3,193.28	1/2		1/2		1/2		1/2		1/2	
3/4	2,326.79	3/4	2,544.55	3/4	2,762.30	3/4	2,980.06	3/4	3,197.82	3/4		3/4		3/4		3/4		3/4	
8	2,331.33	8	2,549.09	8	2,766.84	8	2,984.60	8	3,202.36	8		8		8		8		8	
1/4	2,335.87	1/4	2,553.62	1/4	2,771.38	1/4	2,989.14	1/4	3,206.89	1/4		1/4		1/4		1/4		1/4	
1/2	2,340.40	1/2	2,558.16	1/2	2,775.91	1/2	2,993.67	1/2	3,211.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,344.94	3/4	2,562.69	3/4	2,780.45	3/4	2,998.21	3/4	3,215.96	3/4		3/4		3/4		3/4		3/4	
9	2,349.48	9	2,567.23	9	2,784.99	9	3,002.75	9	3,220.50	9		9		9		9		9	
1/4	2,354.01	1/4	2,571.77	1/4	2,789.53	1/4	3,007.28	1/4	3,225.04	1/4		1/4		1/4		1/4		1/4	
1/2	2,358.55	1/2	2,576.30	1/2	2,794.06	1/2	3,011.82	1/2	3,229.57	1/2		1/2		1/2		1/2		1/2	
3/4	2,363.08	3/4	2,580.84	3/4	2,798.60	3/4	3,016.35	3/4	3,234.11	3/4		3/4		3/4		3/4		3/4	
10	2,367.62	10	2,585.38	10	2,803.14	10	3,020.89	10	3,238.65	10		10		10		10		10	
1/4	2,372.16	1/4	2,589.92	1/4	2,807.67	1/4	3,025.43	1/4	3,243.19	1/4		1/4		1/4		1/4		1/4	
1/2	2,376.69	1/2	2,594.45	1/2	2,812.21	1/2	3,029.96	1/2	3,247.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,381.23	3/4	2,598.99	3/4	2,816.74	3/4	3,034.50	3/4	3,252.26	3/4		3/4		3/4		3/4		3/4	
11	2,385.77	11	2,603.53	11	2,821.28	11	3,039.04	11	3,256.80	11		11		11		11		11	
1/4	2,390.30	1/4	2,608.06	1/4	2,825.82	1/4	3,043.58	1/4	3,261.33	1/4		1/4		1/4		1/4		1/4	
1/2	2,394.84	1/2	2,612.60	1/2	2,830.35	1/2	3,048.11	1/2	3,265.87	1/2		1/2		1/2		1/2		1/2	
3/4	2,399.37	3/4	2,617.13	3/4	2,834.89	3/4	3,052.65	3/4	3,270.40	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2003 ITS  
DECK MEASUREMENTS: 03/27/2008 SW CL  
REPRINTED: 03/28/2008 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2008

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "WEB 403"

## 2 STBD INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 16'-09 1/8"

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	12.46	0	226.98	0	444.50	0	662.02	0	879.57	0	1,097.12	0	1,314.66	0	1,532.21	0	1,749.75	0	1,967.30
1/4	16.24	1/4	231.51	1/4	449.03	1/4	666.55	1/4	884.10	1/4	1,101.65	1/4	1,319.19	1/4	1,536.74	1/4	1,754.28	1/4	1,971.83
1/2	20.02	1/2	236.05	1/2	453.57	1/2	671.09	1/2	888.64	1/2	1,106.18	1/2	1,323.73	1/2	1,541.28	1/2	1,758.82	1/2	1,976.37
3/4	23.79	3/4	240.58	3/4	458.10	3/4	675.62	3/4	893.17	3/4	1,110.71	3/4	1,328.26	3/4	1,545.81	3/4	1,763.35	3/4	1,980.90
1	27.57	1	245.11	1	462.63	1	680.15	1	897.70	1	1,115.24	1	1,332.79	1	1,550.34	1	1,767.88	1	1,985.43
1/4	32.10	1/4	249.64	1/4	467.16	1/4	684.68	1/4	902.23	1/4	1,119.77	1/4	1,337.32	1/4	1,554.87	1/4	1,772.41	1/4	1,989.96
1/2	36.64	1/2	254.18	1/2	471.69	1/2	689.22	1/2	906.77	1/2	1,124.31	1/2	1,341.86	1/2	1,559.40	1/2	1,776.95	1/2	1,994.50
3/4	41.17	3/4	258.71	3/4	476.22	3/4	693.75	3/4	911.30	3/4	1,128.84	3/4	1,346.39	3/4	1,563.93	3/4	1,781.48	3/4	1,999.03
2	45.70	2	263.24	2	480.75	2	698.28	2	915.83	2	1,133.37	2	1,350.92	2	1,568.46	2	1,786.01	2	2,003.56
1/4	50.23	1/4	267.77	1/4	485.28	1/4	702.81	1/4	920.36	1/4	1,137.90	1/4	1,355.45	1/4	1,572.99	1/4	1,790.54	1/4	2,008.09
1/2	54.77	1/2	272.31	1/2	489.81	1/2	707.35	1/2	924.90	1/2	1,142.44	1/2	1,359.99	1/2	1,577.53	1/2	1,795.08	1/2	2,012.62
3/4	59.30	3/4	276.84	3/4	494.34	3/4	711.88	3/4	929.43	3/4	1,146.97	3/4	1,364.52	3/4	1,582.06	3/4	1,799.61	3/4	2,017.15
3	63.83	3	281.37	3	498.87	3	716.41	3	933.96	3	1,151.50	3	1,369.05	3	1,586.59	3	1,804.14	3	2,021.68
1/4	68.36	1/4	285.90	1/4	503.40	1/4	720.94	1/4	938.49	1/4	1,156.03	1/4	1,373.58	1/4	1,591.12	1/4	1,808.67	1/4	2,026.21
1/2	72.89	1/2	290.44	1/2	507.93	1/2	725.48	1/2	943.02	1/2	1,160.57	1/2	1,378.12	1/2	1,595.66	1/2	1,813.21	1/2	2,030.75
3/4	77.42	3/4	294.97	3/4	512.46	3/4	730.01	3/4	947.55	3/4	1,165.10	3/4	1,382.65	3/4	1,600.19	3/4	1,817.74	3/4	2,035.28
4	81.95	4	299.50	4	516.99	4	734.54	4	952.08	4	1,169.63	4	1,387.18	4	1,604.72	4	1,822.27	4	2,039.81
1/4	86.48	1/4	304.03	1/4	521.52	1/4	739.07	1/4	956.61	1/4	1,174.16	1/4	1,391.71	1/4	1,609.25	1/4	1,826.80	1/4	2,044.34
1/2	91.02	1/2	308.57	1/2	526.06	1/2	743.61	1/2	961.15	1/2	1,178.70	1/2	1,396.25	1/2	1,613.79	1/2	1,831.34	1/2	2,048.88
3/4	95.55	3/4	313.10	3/4	530.59	3/4	748.14	3/4	965.68	3/4	1,183.23	3/4	1,400.78	3/4	1,618.32	3/4	1,835.87	3/4	2,053.41
5	100.08	5	317.63	5	535.12	5	752.67	5	970.21	5	1,187.76	5	1,405.31	5	1,622.85	5	1,840.40	5	2,057.94
1/4	104.61	1/4	322.16	1/4	539.66	1/4	757.20	1/4	974.74	1/4	1,192.29	1/4	1,409.84	1/4	1,627.38	1/4	1,844.93	1/4	2,062.47
1/2	109.15	1/2	326.70	1/2	544.19	1/2	761.74	1/2	979.28	1/2	1,196.83	1/2	1,414.37	1/2	1,631.92	1/2	1,849.47	1/2	2,067.01
3/4	113.68	3/4	331.23	3/4	548.72	3/4	766.27	3/4	983.81	3/4	1,201.36	3/4	1,418.90	3/4	1,636.45	3/4	1,854.00	3/4	2,071.54
6	118.21	6	335.76	6	553.25	6	770.80	6	988.34	6	1,205.89	6	1,423.43	6	1,640.98	6	1,858.53	6	2,076.07
1/4	122.74	1/4	340.29	1/4	557.78	1/4	775.33	1/4	992.87	1/4	1,210.42	1/4	1,427.96	1/4	1,645.51	1/4	1,863.06	1/4	2,080.60
1/2	127.28	1/2	344.83	1/2	562.32	1/2	779.87	1/2	997.41	1/2	1,214.98	1/2	1,432.50	1/2	1,650.05	1/2	1,867.59	1/2	2,085.14
3/4	131.81	3/4	349.36	3/4	566.85	3/4	784.40	3/4	1,001.94	3/4	1,219.49	3/4	1,437.03	3/4	1,654.58	3/4	1,872.12	3/4	2,089.67
7	136.34	7	353.89	7	571.38	7	788.93	7	1,006.47	7	1,224.02	7	1,441.56	7	1,659.11	7	1,876.65	7	2,094.20
1/4	140.87	1/4	358.42	1/4	575.91	1/4	793.46	1/4	1,011.00	1/4	1,228.55	1/4	1,446.09	1/4	1,663.64	1/4	1,881.18	1/4	2,098.73
1/2	145.41	1/2	362.95	1/2	580.45	1/2	797.99	1/2	1,015.54	1/2	1,233.09	1/2	1,450.63	1/2	1,668.18	1/2	1,885.72	1/2	2,103.27
3/4	149.94	3/4	367.48	3/4	584.98	3/4	802.52	3/4	1,020.07	3/4	1,237.62	3/4	1,455.16	3/4	1,672.71	3/4	1,890.25	3/4	2,107.80
8	154.47	8	372.01	8	589.51	8	807.06	8	1,024.60	8	1,242.15	8	1,459.69	8	1,677.24	8	1,894.78	8	2,112.33
1/4	159.00	1/4	376.54	1/4	594.04	1/4	811.58	1/4	1,029.13	1/4	1,246.68	1/4	1,464.22	1/4	1,681.77	1/4	1,899.31	1/4	2,116.86
1/2	163.54	1/2	381.08	1/2	598.58	1/2	816.12	1/2	1,033.67	1/2	1,251.21	1/2	1,468.76	1/2	1,686.31	1/2	1,903.85	1/2	2,121.40
3/4	168.07	3/4	385.61	3/4	603.11	3/4	820.65	3/4	1,038.20	3/4	1,255.74	3/4	1,473.29	3/4	1,690.84	3/4	1,908.38	3/4	2,125.93
9	172.60	9	390.14	9	607.64	9	825.18	9	1,042.73	9	1,260.27	9	1,477.82	9	1,695.37	9	1,912.91	9	2,130.46
1/4	177.13	1/4	394.67	1/4	612.17	1/4	829.71	1/4	1,047.26	1/4	1,264.80	1/4	1,482.35	1/4	1,699.90	1/4	1,917.44	1/4	2,134.99
1/2	181.67	1/2	399.20	1/2	616.71	1/2	834.25	1/2	1,051.80	1/2	1,269.34	1/2	1,486.89	1/2	1,704.43	1/2	1,921.98	1/2	2,139.53
3/4	186.20	3/4	403.73	3/4	621.24	3/4	838.78	3/4	1,056.33	3/4	1,273.87	3/4	1,491.42	3/4	1,708.96	3/4	1,926.51	3/4	2,144.06
10	190.73	10	408.26	10	625.77	10	843.31	10	1,060.86	10	1,278.40	10	1,495.95	10	1,713.49	10	1,931.04	10	2,148.59
1/4	195.26	1/4	412.79	1/4	630.30	1/4	847.84	1/4	1,065.39	1/4	1,282.93	1/4	1,500.48	1/4	1,718.02	1/4	1,935.57	1/4	2,153.12
1/2	199.80	1/2	417.32	1/2	634.84	1/2	852.38	1/2	1,069.93	1/2	1,287.47	1/2	1,505.02	1/2	1,722.56	1/2	1,940.11	1/2	2,157.65
3/4	204.33	3/4	421.85	3/4	639.37	3/4	856.91	3/4	1,074.46	3/4	1,292.00	3/4	1,509.55	3/4	1,727.09	3/4	1,944.64	3/4	2,162.18
11	208.86	11	426.38	11	643.90	11	861.44	11	1,078.99	11	1,296.53	11	1,514.08	11	1,731.62	11	1,949.17	11	2,166.71
1/4	213.39	1/4	430.91	1/4	648.43	1/4	865.97	1/4	1,083.52	1/4	1,301.06	1/4	1,518.61	1/4	1,736.15	1/4	1,953.70	1/4	2,171.24
1/2	217.92	1/2	435.44	1/2	652.96	1/2	870.51	1/2	1,088.06	1/2	1,305.60	1/2	1,523.15	1/2	1,740.69	1/2	1,958.24	1/2	2,175.78
3/4	222.45	3/4	439.97	3/4	657.49	3/4	875.04	3/4	1,092.59	3/4	1,310.13	3/4	1,527.68	3/4	1,745.22	3/4	1,962.77	3/4	2,180.31

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 FROM THE TOP LIP OF HERMETIC VALVE.  
GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.  
CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT  
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# BARGE "WEB 403"

## 2 STBD INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 16'-09 1/8"

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	2,184.84	0	2,402.39	0	2,619.93	0	2,837.48	0	3,055.03	0	3,272.57	0		0		0		0	
1/4	2,189.37	1/4	2,408.92	1/4	2,624.46	1/4	2,842.01	1/4	3,059.56	1/4	3,276.72	1/4		1/4		1/4		1/4	
1/2	2,193.91	1/2	2,411.45	1/2	2,628.99	1/2	2,846.54	1/2	3,064.09	1/2	3,280.88	1/2		1/2		1/2		1/2	
3/4	2,198.44	3/4	2,415.99	3/4	2,633.53	3/4	2,851.08	3/4	3,068.62	3/4	3,285.03	3/4		3/4		3/4		3/4	
1	2,202.97	1	2,420.52	1	2,638.06	1	2,855.61	1	3,073.15	1	3,289.19	1		1		1		1	
1/4	2,207.50	1/4	2,425.05	1/4	2,642.59	1/4	2,860.14	1/4	3,077.68	1/4	3,292.59	1/4		1/4		1/4		1/4	
1/2	2,212.04	1/2	2,429.58	1/2	2,647.12	1/2	2,864.67	1/2	3,082.21	1/2	3,295.99	1/2		1/2		1/2		1/2	
3/4	2,216.57	3/4	2,434.12	3/4	2,651.66	3/4	2,869.21	3/4	3,086.75	3/4	3,299.39	3/4		3/4		3/4		3/4	
2	2,221.10	2	2,438.65	2	2,656.19	2	2,873.74	2	3,091.28	2	3,302.79	2		2		2		2	
1/4	2,225.63	1/4	2,443.18	1/4	2,660.72	1/4	2,878.27	1/4	3,095.81	1/4	3,305.43	1/4		1/4		1/4		1/4	
1/2	2,230.17	1/2	2,447.71	1/2	2,665.25	1/2	2,882.80	1/2	3,100.34	1/2	3,308.07	1/2		1/2		1/2		1/2	
3/4	2,234.70	3/4	2,452.25	3/4	2,669.79	3/4	2,887.34	3/4	3,104.88	3/4	3,310.72	3/4		3/4		3/4		3/4	
3	2,239.23	3	2,456.78	3	2,674.32	3	2,891.87	3	3,109.41	3	3,313.36	3		3		3		3	
1/4	2,243.76	1/4	2,461.31	1/4	2,678.85	1/4	2,896.40	1/4	3,113.94	1/4	3,315.25	1/4		1/4		1/4		1/4	
1/2	2,248.30	1/2	2,465.84	1/2	2,683.38	1/2	2,900.93	1/2	3,118.47	1/2	3,317.14	1/2		1/2		1/2		1/2	
3/4	2,252.83	3/4	2,470.37	3/4	2,687.92	3/4	2,905.47	3/4	3,123.01	3/4	3,319.03	3/4		3/4		3/4		3/4	
4	2,257.36	4	2,474.90	4	2,692.45	4	2,910.00	4	3,127.54	4	3,320.92	4		4		4		4	
1/4	2,261.89	1/4	2,479.43	1/4	2,696.98	1/4	2,914.53	1/4	3,132.07	1/4	3,322.05	1/4		1/4		1/4		1/4	
1/2	2,266.43	1/2	2,483.96	1/2	2,701.51	1/2	2,919.06	1/2	3,136.60	1/2	3,323.18	1/2		1/2		1/2		1/2	
3/4	2,270.96	3/4	2,488.50	3/4	2,706.05	3/4	2,923.59	3/4	3,141.14	3/4	3,324.32	3/4		3/4		3/4		3/4	
5	2,275.49	5	2,493.03	5	2,710.58	5	2,928.12	5	3,145.67	5	3,325.45	5		5		5		5	
1/4	2,280.02	1/4	2,497.56	1/4	2,715.11	1/4	2,932.65	1/4	3,150.20	1/4	3,325.83	1/4		1/4		1/4		1/4	
1/2	2,284.56	1/2	2,502.09	1/2	2,719.64	1/2	2,937.18	1/2	3,154.73	1/2	3,326.20	1/2		1/2		1/2		1/2	
3/4	2,289.09	3/4	2,506.63	3/4	2,724.18	3/4	2,941.72	3/4	3,159.27	3/4	3,326.58	3/4		3/4		3/4		3/4	
6	2,293.62	6	2,511.16	6	2,728.71	6	2,946.25	6	3,163.80	6	3,326.96	6		6		6		6	
1/4	2,298.15	1/4	2,515.69	1/4	2,733.24	1/4	2,950.78	1/4	3,168.33	1/4		1/4		1/4		1/4		1/4	
1/2	2,302.69	1/2	2,520.22	1/2	2,737.77	1/2	2,955.31	1/2	3,172.86	1/2		1/2		1/2		1/2		1/2	
3/4	2,307.22	3/4	2,524.76	3/4	2,742.31	3/4	2,959.85	3/4	3,177.40	3/4		3/4		3/4		3/4		3/4	
7	2,311.75	7	2,529.29	7	2,746.84	7	2,964.38	7	3,181.93	7		7		7		7		7	
1/4	2,316.28	1/4	2,533.82	1/4	2,751.37	1/4	2,968.91	1/4	3,186.46	1/4		1/4		1/4		1/4		1/4	
1/2	2,320.81	1/2	2,538.35	1/2	2,755.90	1/2	2,973.44	1/2	3,190.99	1/2		1/2		1/2		1/2		1/2	
3/4	2,325.34	3/4	2,542.89	3/4	2,760.44	3/4	2,977.98	3/4	3,195.53	3/4		3/4		3/4		3/4		3/4	
8	2,329.87	8	2,547.42	8	2,764.97	8	2,982.51	8	3,200.06	8		8		8		8		8	
1/4	2,334.40	1/4	2,551.95	1/4	2,769.50	1/4	2,987.04	1/4	3,204.59	1/4		1/4		1/4		1/4		1/4	
1/2	2,338.94	1/2	2,556.48	1/2	2,774.03	1/2	2,991.57	1/2	3,209.12	1/2		1/2		1/2		1/2		1/2	
3/4	2,343.47	3/4	2,561.02	3/4	2,778.56	3/4	2,996.11	3/4	3,213.66	3/4		3/4		3/4		3/4		3/4	
9	2,348.00	9	2,565.55	9	2,783.09	9	3,000.64	9	3,218.19	9		9		9		9		9	
1/4	2,352.53	1/4	2,570.08	1/4	2,787.62	1/4	3,005.17	1/4	3,222.72	1/4		1/4		1/4		1/4		1/4	
1/2	2,357.07	1/2	2,574.61	1/2	2,792.15	1/2	3,009.70	1/2	3,227.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,361.60	3/4	2,579.15	3/4	2,796.69	3/4	3,014.24	3/4	3,231.78	3/4		3/4		3/4		3/4		3/4	
10	2,366.13	10	2,583.68	10	2,801.22	10	3,018.77	10	3,236.31	10		10		10		10		10	
1/4	2,370.66	1/4	2,588.21	1/4	2,805.75	1/4	3,023.30	1/4	3,240.84	1/4		1/4		1/4		1/4		1/4	
1/2	2,375.20	1/2	2,592.74	1/2	2,810.28	1/2	3,027.83	1/2	3,245.37	1/2		1/2		1/2		1/2		1/2	
3/4	2,379.73	3/4	2,597.28	3/4	2,814.82	3/4	3,032.37	3/4	3,249.91	3/4		3/4		3/4		3/4		3/4	
11	2,384.26	11	2,601.81	11	2,819.35	11	3,036.90	11	3,254.44	11		11		11		11		11	
1/4	2,388.79	1/4	2,606.34	1/4	2,823.88	1/4	3,041.43	1/4	3,258.97	1/4		1/4		1/4		1/4		1/4	
1/2	2,393.32	1/2	2,610.87	1/2	2,828.41	1/2	3,045.96	1/2	3,263.50	1/2		1/2		1/2		1/2		1/2	
3/4	2,397.86	3/4	2,615.40	3/4	2,832.95	3/4	3,050.50	3/4	3,268.04	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2003 ITS  
DECK MEASUREMENTS: 03/27/2008 SW CL  
REPRINTED: 03/28/2008 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2008

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



# BARGE "WEB 403"

## 3 PORT INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 16'-09 1/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.47	0	227.25	0	445.04	0	662.21	0	879.82	0	1,097.62	0	1,315.43	0	1,533.23	0	1,751.04	0	1,968.84
1/4	16.25	1/4	231.79	1/4	449.58	1/4	666.73	1/4	884.36	1/4	1,102.16	1/4	1,319.97	1/4	1,537.77	1/4	1,755.58	1/4	1,973.38
1/2	20.04	1/2	236.33	1/2	454.11	1/2	671.26	1/2	889.90	1/2	1,108.70	1/2	1,324.51	1/2	1,542.30	1/2	1,760.11	1/2	1,977.91
3/4	23.82	3/4	240.86	3/4	458.65	3/4	675.78	3/4	893.43	3/4	1,111.23	3/4	1,329.04	3/4	1,546.84	3/4	1,764.65	3/4	1,982.45
1	27.60	1	245.40	1	463.18	1	680.30	1	897.97	1	1,115.77	1	1,333.58	1	1,551.38	1	1,769.19	1	1,986.99
1/4	32.14	1/4	249.94	1/4	467.72	1/4	684.82	1/4	902.51	1/4	1,120.31	1/4	1,338.12	1/4	1,555.92	1/4	1,773.73	1/4	1,991.53
1/2	36.68	1/2	254.48	1/2	472.26	1/2	689.34	1/2	907.05	1/2	1,124.85	1/2	1,342.66	1/2	1,560.45	1/2	1,778.28	1/2	1,996.06
3/4	41.21	3/4	259.02	3/4	476.79	3/4	693.86	3/4	911.58	3/4	1,129.38	3/4	1,347.19	3/4	1,564.99	3/4	1,782.80	3/4	2,000.60
2	45.75	2	263.56	2	481.33	2	698.38	2	916.12	2	1,133.92	2	1,351.73	2	1,569.53	2	1,787.34	2	2,005.14
1/4	50.29	1/4	268.10	1/4	485.87	1/4	702.90	1/4	920.66	1/4	1,138.46	1/4	1,356.27	1/4	1,574.07	1/4	1,791.88	1/4	2,009.68
1/2	54.83	1/2	272.64	1/2	490.40	1/2	707.42	1/2	925.20	1/2	1,143.00	1/2	1,360.81	1/2	1,578.60	1/2	1,796.41	1/2	2,014.21
3/4	59.36	3/4	277.17	3/4	494.94	3/4	711.94	3/4	929.73	3/4	1,147.53	3/4	1,365.34	3/4	1,583.14	3/4	1,800.95	3/4	2,018.75
3	63.90	3	281.71	3	499.47	3	716.46	3	934.27	3	1,152.07	3	1,369.88	3	1,587.68	3	1,805.49	3	2,023.29
1/4	68.44	1/4	286.25	1/4	503.99	1/4	721.00	1/4	938.81	1/4	1,156.61	1/4	1,374.42	1/4	1,592.22	1/4	1,810.03	1/4	2,027.83
1/2	72.98	1/2	290.79	1/2	508.51	1/2	725.54	1/2	943.35	1/2	1,161.15	1/2	1,378.96	1/2	1,596.75	1/2	1,814.58	1/2	2,032.38
3/4	77.51	3/4	295.32	3/4	513.03	3/4	730.07	3/4	947.88	3/4	1,165.68	3/4	1,383.49	3/4	1,601.29	3/4	1,819.10	3/4	2,036.90
4	82.05	4	299.86	4	517.55	4	734.61	4	952.42	4	1,170.22	4	1,388.03	4	1,605.83	4	1,823.64	4	2,041.44
1/4	86.59	1/4	304.40	1/4	522.07	1/4	739.15	1/4	956.96	1/4	1,174.76	1/4	1,392.57	1/4	1,610.37	1/4	1,828.18	1/4	2,045.98
1/2	91.13	1/2	308.94	1/2	526.59	1/2	743.69	1/2	961.50	1/2	1,179.30	1/2	1,397.10	1/2	1,614.90	1/2	1,832.71	1/2	2,050.51
3/4	95.66	3/4	313.47	3/4	531.11	3/4	748.22	3/4	966.03	3/4	1,183.83	3/4	1,401.64	3/4	1,619.44	3/4	1,837.25	3/4	2,055.05
5	100.20	5	318.01	5	535.63	5	752.76	5	970.57	5	1,188.37	5	1,406.18	5	1,623.98	5	1,841.79	5	2,059.59
1/4	104.74	1/4	322.55	1/4	540.15	1/4	757.30	1/4	975.11	1/4	1,192.91	1/4	1,410.72	1/4	1,628.52	1/4	1,846.33	1/4	2,064.13
1/2	109.28	1/2	327.09	1/2	544.68	1/2	761.84	1/2	979.65	1/2	1,197.45	1/2	1,415.26	1/2	1,633.05	1/2	1,850.86	1/2	2,068.68
3/4	113.81	3/4	331.62	3/4	549.20	3/4	766.38	3/4	984.18	3/4	1,201.98	3/4	1,419.79	3/4	1,637.59	3/4	1,855.40	3/4	2,073.20
6	118.35	6	336.16	6	553.72	6	770.92	6	988.72	6	1,206.52	6	1,424.33	6	1,642.13	6	1,859.94	6	2,077.74
1/4	122.89	1/4	340.70	1/4	558.24	1/4	775.46	1/4	993.26	1/4	1,211.06	1/4	1,428.87	1/4	1,646.67	1/4	1,864.48	1/4	2,082.28
1/2	127.43	1/2	345.24	1/2	562.76	1/2	780.00	1/2	997.80	1/2	1,215.60	1/2	1,433.40	1/2	1,651.20	1/2	1,869.01	1/2	2,086.81
3/4	131.96	3/4	349.77	3/4	567.28	3/4	784.53	3/4	1,002.33	3/4	1,220.14	3/4	1,437.94	3/4	1,655.74	3/4	1,873.55	3/4	2,091.35
7	136.50	7	354.31	7	571.80	7	789.07	7	1,006.87	7	1,224.68	7	1,442.48	7	1,660.28	7	1,878.09	7	2,095.89
1/4	141.04	1/4	358.85	1/4	576.32	1/4	793.61	1/4	1,011.41	1/4	1,229.22	1/4	1,447.02	1/4	1,664.82	1/4	1,882.63	1/4	2,100.43
1/2	145.58	1/2	363.39	1/2	580.84	1/2	798.15	1/2	1,015.95	1/2	1,233.76	1/2	1,451.55	1/2	1,669.36	1/2	1,887.16	1/2	2,104.96
3/4	150.11	3/4	367.92	3/4	585.36	3/4	802.68	3/4	1,020.48	3/4	1,238.29	3/4	1,456.09	3/4	1,673.90	3/4	1,891.70	3/4	2,109.50
8	154.65	8	372.46	8	589.88	8	807.22	8	1,025.02	8	1,242.83	8	1,460.63	8	1,678.44	8	1,896.24	8	2,114.04
1/4	159.19	1/4	377.00	1/4	594.40	1/4	811.76	1/4	1,029.56	1/4	1,247.37	1/4	1,465.17	1/4	1,682.98	1/4	1,900.78	1/4	2,118.58
1/2	163.73	1/2	381.53	1/2	598.92	1/2	816.30	1/2	1,034.10	1/2	1,251.91	1/2	1,469.70	1/2	1,687.51	1/2	1,905.31	1/2	2,123.12
3/4	168.26	3/4	386.07	3/4	603.44	3/4	820.83	3/4	1,038.63	3/4	1,256.44	3/4	1,474.24	3/4	1,692.05	3/4	1,909.85	3/4	2,127.66
9	172.80	9	390.60	9	607.96	9	825.37	9	1,043.17	9	1,260.98	9	1,478.78	9	1,696.59	9	1,914.39	9	2,132.20
1/4	177.34	1/4	395.14	1/4	612.48	1/4	829.91	1/4	1,047.71	1/4	1,265.52	1/4	1,483.32	1/4	1,701.13	1/4	1,918.93	1/4	2,136.74
1/2	181.88	1/2	399.68	1/2	617.01	1/2	834.45	1/2	1,052.25	1/2	1,270.06	1/2	1,487.85	1/2	1,705.66	1/2	1,923.46	1/2	2,141.27
3/4	186.41	3/4	404.21	3/4	621.53	3/4	838.98	3/4	1,056.78	3/4	1,274.59	3/4	1,492.39	3/4	1,710.20	3/4	1,928.00	3/4	2,145.81
10	190.95	10	408.75	10	626.05	10	843.52	10	1,061.32	10	1,279.13	10	1,496.93	10	1,714.74	10	1,932.54	10	2,150.35
1/4	195.49	1/4	413.29	1/4	630.57	1/4	848.06	1/4	1,065.86	1/4	1,283.67	1/4	1,501.47	1/4	1,719.28	1/4	1,937.08	1/4	2,154.89
1/2	200.03	1/2	417.82	1/2	635.09	1/2	852.60	1/2	1,070.40	1/2	1,288.21	1/2	1,506.00	1/2	1,723.81	1/2	1,941.61	1/2	2,159.42
3/4	204.56	3/4	422.36	3/4	639.61	3/4	857.13	3/4	1,074.93	3/4	1,292.74	3/4	1,510.54	3/4	1,728.35	3/4	1,946.15	3/4	2,163.96
11	209.10	11	426.89	11	644.13	11	861.67	11	1,079.47	11	1,297.28	11	1,515.08	11	1,732.89	11	1,950.69	11	2,168.50
1/4	213.64	1/4	431.43	1/4	648.65	1/4	866.21	1/4	1,084.01	1/4	1,301.82	1/4	1,519.62	1/4	1,737.43	1/4	1,955.23	1/4	2,173.04
1/2	218.18	1/2	435.97	1/2	653.17	1/2	870.75	1/2	1,088.55	1/2	1,306.36	1/2	1,524.15	1/2	1,741.96	1/2	1,959.76	1/2	2,177.57
3/4	222.71	3/4	440.50	3/4	657.69	3/4	875.28	3/4	1,093.08	3/4	1,310.89	3/4	1,528.69	3/4	1,746.50	3/4	1,964.30	3/4	2,182.11

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 FROM THE TOP LIP OF HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 14" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77580

http://www.pmacorp.net





# BARGE "WEB 403"

## 3 PORT INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 16'-09 1/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,188.66	0	2,404.45	0	2,622.26	0	2,840.06	0	3,057.87	0	3,275.67	0		0		0		0	
1/4	2,191.19	1/4	2,408.99	1/4	2,626.80	1/4	2,844.60	1/4	3,062.41	1/4	3,279.83	1/4		1/4		1/4		1/4	
1/2	2,195.72	1/2	2,413.52	1/2	2,631.33	1/2	2,849.13	1/2	3,066.94	1/2	3,283.99	1/2		1/2		1/2		1/2	
3/4	2,200.26	3/4	2,418.06	3/4	2,635.87	3/4	2,853.67	3/4	3,071.48	3/4	3,288.15	3/4		3/4		3/4		3/4	
1	2,204.80	1	2,422.60	1	2,640.41	1	2,858.21	1	3,076.02	1	3,292.31	1		1		1		1	
1 1/4	2,209.34	1 1/4	2,427.14	1 1/4	2,644.95	1 1/4	2,862.75	1 1/4	3,080.56	1 1/4	3,296.71	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,213.87	1 1/2	2,431.67	1 1/2	2,649.48	1 1/2	2,867.28	1 1/2	3,085.09	1 1/2	3,299.11	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,218.41	3/4	2,436.21	3/4	2,654.02	3/4	2,871.82	3/4	3,089.63	3/4	3,302.52	3/4		3/4		3/4		3/4	
2	2,222.95	2	2,440.75	2	2,658.56	2	2,876.36	2	3,094.17	2	3,305.92	2		2		2		2	
1 1/4	2,227.49	1 1/4	2,445.29	1 1/4	2,663.10	1 1/4	2,880.90	1 1/4	3,098.71	1 1/4	3,308.57	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,232.02	1 1/2	2,449.82	1 1/2	2,667.63	1 1/2	2,885.43	1 1/2	3,103.24	1 1/2	3,311.21	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,236.56	3/4	2,454.36	3/4	2,672.17	3/4	2,889.97	3/4	3,107.78	3/4	3,313.86	3/4		3/4		3/4		3/4	
3	2,241.10	3	2,458.90	3	2,676.71	3	2,894.51	3	3,112.32	3	3,316.51	3		3		3		3	
1 1/4	2,245.64	1 1/4	2,463.44	1 1/4	2,681.25	1 1/4	2,899.05	1 1/4	3,116.86	1 1/4	3,318.40	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,250.17	1 1/2	2,467.97	1 1/2	2,685.78	1 1/2	2,903.58	1 1/2	3,121.39	1 1/2	3,320.29	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,254.71	3/4	2,472.51	3/4	2,690.32	3/4	2,908.12	3/4	3,125.93	3/4	3,322.18	3/4		3/4		3/4		3/4	
4	2,259.25	4	2,477.05	4	2,694.86	4	2,912.66	4	3,130.47	4	3,324.07	4		4		4		4	
1 1/4	2,263.79	1 1/4	2,481.59	1 1/4	2,699.40	1 1/4	2,917.20	1 1/4	3,135.01	1 1/4	3,325.20	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,268.32	1 1/2	2,486.12	1 1/2	2,703.93	1 1/2	2,921.73	1 1/2	3,139.54	1 1/2	3,326.34	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,272.86	3/4	2,490.66	3/4	2,708.47	3/4	2,926.27	3/4	3,144.08	3/4	3,327.47	3/4		3/4		3/4		3/4	
5	2,277.40	5	2,495.20	5	2,713.01	5	2,930.81	5	3,148.62	5	3,328.61	5		5		5		5	
1 1/4	2,281.94	1 1/4	2,499.74	1 1/4	2,717.55	1 1/4	2,935.35	1 1/4	3,153.16	1 1/4	3,328.99	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,286.47	1 1/2	2,504.27	1 1/2	2,722.08	1 1/2	2,939.88	1 1/2	3,157.69	1 1/2	3,329.36	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,291.01	3/4	2,508.81	3/4	2,726.62	3/4	2,944.42	3/4	3,162.23	3/4	3,329.74	3/4		3/4		3/4		3/4	
6	2,295.55	6	2,513.35	6	2,731.16	6	2,948.96	6	3,166.77	6	3,330.12	6		6		6		6	
1 1/4	2,300.09	1 1/4	2,517.89	1 1/4	2,735.70	1 1/4	2,953.50	1 1/4	3,171.31	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,304.62	1 1/2	2,522.42	1 1/2	2,740.23	1 1/2	2,958.03	1 1/2	3,175.84	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,309.16	3/4	2,526.96	3/4	2,744.77	3/4	2,962.57	3/4	3,180.38	3/4		3/4		3/4		3/4		3/4	
7	2,313.70	7	2,531.50	7	2,749.31	7	2,967.11	7	3,184.92	7		7		7		7		7	
1 1/4	2,318.24	1 1/4	2,536.04	1 1/4	2,753.85	1 1/4	2,971.65	1 1/4	3,189.46	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,322.77	1 1/2	2,540.57	1 1/2	2,758.38	1 1/2	2,976.18	1 1/2	3,193.99	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,327.31	3/4	2,545.11	3/4	2,762.92	3/4	2,980.72	3/4	3,198.53	3/4		3/4		3/4		3/4		3/4	
8	2,331.85	8	2,549.65	8	2,767.46	8	2,985.26	8	3,203.07	8		8		8		8		8	
1 1/4	2,336.39	1 1/4	2,554.19	1 1/4	2,772.00	1 1/4	2,989.80	1 1/4	3,207.61	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,340.92	1 1/2	2,558.72	1 1/2	2,776.53	1 1/2	2,994.33	1 1/2	3,212.14	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,345.46	3/4	2,563.26	3/4	2,781.07	3/4	2,998.87	3/4	3,216.68	3/4		3/4		3/4		3/4		3/4	
9	2,350.00	9	2,567.80	9	2,785.61	9	3,003.41	9	3,221.22	9		9		9		9		9	
1 1/4	2,354.54	1 1/4	2,572.34	1 1/4	2,790.15	1 1/4	3,007.95	1 1/4	3,225.76	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,359.07	1 1/2	2,576.88	1 1/2	2,794.68	1 1/2	3,012.48	1 1/2	3,230.29	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,363.61	3/4	2,581.42	3/4	2,799.22	3/4	3,017.02	3/4	3,234.83	3/4		3/4		3/4		3/4		3/4	
10	2,368.15	10	2,585.96	10	2,803.76	10	3,021.56	10	3,239.37	10		10		10		10		10	
1 1/4	2,372.69	1 1/4	2,590.50	1 1/4	2,808.30	1 1/4	3,026.10	1 1/4	3,243.91	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,377.22	1 1/2	2,595.03	1 1/2	2,812.83	1 1/2	3,030.64	1 1/2	3,248.44	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,381.76	3/4	2,599.57	3/4	2,817.37	3/4	3,035.18	3/4	3,252.98	3/4		3/4		3/4		3/4		3/4	
11	2,386.30	11	2,604.11	11	2,821.91	11	3,039.72	11	3,257.52	11		11		11		11		11	
1 1/4	2,390.84	1 1/4	2,608.65	1 1/4	2,826.45	1 1/4	3,044.26	1 1/4	3,262.06	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,395.37	1 1/2	2,613.18	1 1/2	2,830.98	1 1/2	3,048.79	1 1/2	3,266.59	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,399.91	3/4	2,617.72	3/4	2,835.52	3/4	3,053.33	3/4	3,271.13	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2003 ITS  
DECK MEASUREMENTS: 03/27/2008 SW CL  
REPRINTED: 03/28/2008 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2008

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



# BARGE "WEB 403"

## 3 STBD INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 16'-08 7/8"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.37	0	191.25	0	409.38	0	627.48	0	845.62	0	1,063.76	0	1,281.90	0	1,500.04	0	1,718.18	0	1,936.32
1/4	1.13	1/4	195.80	1/4	413.92	1/4	632.03	1/4	850.16	1/4	1,068.31	1/4	1,286.45	1/4	1,504.59	1/4	1,722.73	1/4	1,940.87
1/2	1.89	1/2	200.34	1/2	418.47	1/2	636.57	1/2	854.71	1/2	1,072.85	1/2	1,290.99	1/2	1,509.13	1/2	1,727.27	1/2	1,945.41
3/4	2.64	3/4	204.89	3/4	423.01	3/4	641.12	3/4	859.25	3/4	1,077.40	3/4	1,295.54	3/4	1,513.68	3/4	1,731.82	3/4	1,949.96
1	3.40	1	209.43	1	427.55	1	645.66	1	863.80	1	1,081.94	1	1,300.08	1	1,518.22	1	1,736.36	1	1,954.50
1/4	5.67	1/4	213.97	1/4	432.09	1/4	650.20	1/4	868.34	1/4	1,086.49	1/4	1,304.63	1/4	1,522.77	1/4	1,740.91	1/4	1,959.05
1/2	7.95	1/2	218.52	1/2	436.64	1/2	654.75	1/2	872.89	1/2	1,091.03	1/2	1,309.17	1/2	1,527.31	1/2	1,745.45	1/2	1,963.59
3/4	10.22	3/4	223.06	3/4	441.18	3/4	659.29	3/4	877.43	3/4	1,095.58	3/4	1,313.72	3/4	1,531.86	3/4	1,750.00	3/4	1,968.14
2	12.49	2	227.60	2	445.72	2	663.83	2	881.98	2	1,100.12	2	1,318.26	2	1,536.40	2	1,754.54	2	1,972.68
1/4	16.28	1/4	232.15	1/4	450.26	1/4	668.38	1/4	886.52	1/4	1,104.66	1/4	1,322.81	1/4	1,540.95	1/4	1,759.09	1/4	1,977.23
1/2	20.07	1/2	236.69	1/2	454.81	1/2	672.92	1/2	891.06	1/2	1,109.21	1/2	1,327.35	1/2	1,545.49	1/2	1,763.63	1/2	1,981.77
3/4	23.85	3/4	241.24	3/4	459.35	3/4	677.47	3/4	895.61	3/4	1,113.75	3/4	1,331.90	3/4	1,550.04	3/4	1,768.18	3/4	1,986.32
3	27.64	3	245.78	3	463.89	3	682.01	3	900.15	3	1,118.29	3	1,336.44	3	1,554.58	3	1,772.72	3	1,990.86
1/4	32.19	1/4	250.33	1/4	468.43	1/4	686.56	1/4	904.69	1/4	1,122.84	1/4	1,340.98	1/4	1,559.12	1/4	1,777.27	1/4	1,995.41
1/2	36.73	1/2	254.87	1/2	472.98	1/2	691.10	1/2	909.24	1/2	1,127.38	1/2	1,345.53	1/2	1,563.67	1/2	1,781.81	1/2	1,999.95
3/4	41.28	3/4	259.42	3/4	477.52	3/4	695.65	3/4	913.78	3/4	1,131.93	3/4	1,350.07	3/4	1,568.21	3/4	1,786.36	3/4	2,004.50
4	45.82	4	263.96	4	482.06	4	700.19	4	918.33	4	1,136.47	4	1,354.61	4	1,572.75	4	1,790.90	4	2,009.04
1/4	50.37	1/4	268.51	1/4	486.61	1/4	704.73	1/4	922.87	1/4	1,141.02	1/4	1,359.16	1/4	1,577.30	1/4	1,795.44	1/4	2,013.58
1/2	54.91	1/2	273.05	1/2	491.15	1/2	709.28	1/2	927.42	1/2	1,145.56	1/2	1,363.70	1/2	1,581.84	1/2	1,799.99	1/2	2,018.13
3/4	59.46	3/4	277.60	3/4	495.70	3/4	713.82	3/4	931.96	3/4	1,150.11	3/4	1,368.25	3/4	1,586.39	3/4	1,804.53	3/4	2,022.67
5	64.00	5	282.14	5	500.24	5	718.37	5	936.51	5	1,154.65	5	1,372.79	5	1,590.93	5	1,809.07	5	2,027.21
1/4	68.55	1/4	286.69	1/4	504.78	1/4	722.91	1/4	941.05	1/4	1,159.20	1/4	1,377.34	1/4	1,595.48	1/4	1,813.62	1/4	2,031.76
1/2	73.09	1/2	291.23	1/2	509.33	1/2	727.46	1/2	945.60	1/2	1,163.74	1/2	1,381.88	1/2	1,600.02	1/2	1,818.16	1/2	2,036.30
3/4	77.64	3/4	295.78	3/4	513.87	3/4	732.00	3/4	950.14	3/4	1,168.29	3/4	1,386.43	3/4	1,604.57	3/4	1,822.71	3/4	2,040.85
6	82.18	6	300.32	6	518.41	6	736.55	6	954.69	6	1,172.83	6	1,390.97	6	1,609.11	6	1,827.25	6	2,045.39
1/4	86.73	1/4	304.87	1/4	522.96	1/4	741.09	1/4	959.23	1/4	1,177.38	1/4	1,395.52	1/4	1,613.66	1/4	1,831.80	1/4	2,049.94
1/2	91.27	1/2	309.41	1/2	527.50	1/2	745.64	1/2	963.78	1/2	1,181.92	1/2	1,400.06	1/2	1,618.20	1/2	1,836.34	1/2	2,054.48
3/4	95.82	3/4	313.96	3/4	532.05	3/4	750.18	3/4	968.32	3/4	1,186.47	3/4	1,404.61	3/4	1,622.75	3/4	1,840.89	3/4	2,059.03
7	100.36	7	318.50	7	536.59	7	754.73	7	972.87	7	1,191.01	7	1,409.15	7	1,627.29	7	1,845.43	7	2,063.57
1/4	104.90	1/4	323.04	1/4	541.13	1/4	759.27	1/4	977.41	1/4	1,195.56	1/4	1,413.70	1/4	1,631.84	1/4	1,849.98	1/4	2,068.12
1/2	109.45	1/2	327.59	1/2	545.68	1/2	763.82	1/2	981.96	1/2	1,200.10	1/2	1,418.24	1/2	1,636.38	1/2	1,854.52	1/2	2,072.66
3/4	113.99	3/4	332.13	3/4	550.22	3/4	768.36	3/4	986.50	3/4	1,204.65	3/4	1,422.79	3/4	1,640.93	3/4	1,859.07	3/4	2,077.21
8	118.53	8	336.67	8	554.76	8	772.91	8	991.05	8	1,209.19	8	1,427.33	8	1,645.47	8	1,863.61	8	2,081.75
1/4	123.08	1/4	341.22	1/4	559.31	1/4	777.45	1/4	995.59	1/4	1,213.74	1/4	1,431.88	1/4	1,650.02	1/4	1,868.16	1/4	2,086.30
1/2	127.62	1/2	345.76	1/2	563.85	1/2	781.99	1/2	1,000.14	1/2	1,218.28	1/2	1,436.42	1/2	1,654.56	1/2	1,872.70	1/2	2,090.84
3/4	132.17	3/4	350.31	3/4	568.40	3/4	786.54	3/4	1,004.68	3/4	1,222.83	3/4	1,440.97	3/4	1,659.11	3/4	1,877.25	3/4	2,095.39
9	136.71	9	354.85	9	572.94	9	791.08	9	1,009.22	9	1,227.37	9	1,445.51	9	1,663.65	9	1,881.79	9	2,099.93
1/4	141.26	1/4	359.40	1/4	577.49	1/4	795.62	1/4	1,013.77	1/4	1,231.91	1/4	1,450.05	1/4	1,668.20	1/4	1,886.34	1/4	2,104.48
1/2	145.80	1/2	363.94	1/2	582.03	1/2	800.17	1/2	1,018.31	1/2	1,236.46	1/2	1,454.60	1/2	1,672.74	1/2	1,890.88	1/2	2,109.02
3/4	150.35	3/4	368.49	3/4	586.58	3/4	804.71	3/4	1,022.86	3/4	1,241.00	3/4	1,459.14	3/4	1,677.29	3/4	1,895.43	3/4	2,113.57
10	154.89	10	373.03	10	591.12	10	809.26	10	1,027.40	10	1,245.54	10	1,463.68	10	1,681.83	10	1,899.97	10	2,118.11
1/4	159.44	1/4	377.57	1/4	595.67	1/4	813.80	1/4	1,031.95	1/4	1,250.09	1/4	1,468.23	1/4	1,686.37	1/4	1,904.51	1/4	2,122.66
1/2	163.98	1/2	382.12	1/2	600.21	1/2	818.35	1/2	1,036.49	1/2	1,254.63	1/2	1,472.77	1/2	1,690.92	1/2	1,909.06	1/2	2,127.20
3/4	168.53	3/4	386.66	3/4	604.76	3/4	822.89	3/4	1,041.04	3/4	1,259.18	3/4	1,477.32	3/4	1,695.46	3/4	1,913.60	3/4	2,131.75
11	173.07	11	391.20	11	609.30	11	827.44	11	1,045.58	11	1,263.72	11	1,481.86	11	1,700.00	11	1,918.14	11	2,136.29
1/4	177.62	1/4	395.75	1/4	613.85	1/4	831.98	1/4	1,050.13	1/4	1,268.27	1/4	1,486.41	1/4	1,704.55	1/4	1,922.69	1/4	2,140.83
1/2	182.16	1/2	400.29	1/2	618.39	1/2	836.53	1/2	1,054.67	1/2	1,272.81	1/2	1,490.95	1/2	1,709.09	1/2	1,927.23	1/2	2,145.38
3/4	186.71	3/4	404.84	3/4	622.94	3/4	841.07	3/4	1,059.22	3/4	1,277.36	3/4	1,495.50	3/4	1,713.64	3/4	1,931.78	3/4	2,149.92

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 FROM THE TOP LIP OF HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT

& ANALYSIS, INC.

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Pearland, Texas 77588

http://www.pmacorp.net



# BARGE "WEB 403"

## 3 STBD INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 16'-08 7/8"

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	2,154.46	0	2,372.60	0	2,590.75	0	2,808.89	0	3,027.03	0	3,245.17	0		0		0		0	
1/4	2,159.01	1/4	2,377.15	1/4	2,595.29	1/4	2,813.43	1/4	3,031.58	1/4	3,249.72	1/4		1/4		1/4		1/4	
1/2	2,163.55	1/2	2,381.69	1/2	2,599.84	1/2	2,817.98	1/2	3,036.12	1/2	3,254.26	1/2		1/2		1/2		1/2	
3/4	2,168.10	3/4	2,386.24	3/4	2,604.38	3/4	2,822.52	3/4	3,040.67	3/4	3,258.81	3/4		3/4		3/4		3/4	
1	2,172.64	1	2,390.78	1	2,608.92	1	2,827.06	1	3,045.21	1	3,263.35	1		1		1		1	
1/4	2,177.19	1/4	2,395.33	1/4	2,613.47	1/4	2,831.61	1/4	3,049.75	1/4	3,267.89	1/4		1/4		1/4		1/4	
1/2	2,181.73	1/2	2,399.87	1/2	2,618.01	1/2	2,836.15	1/2	3,054.30	1/2	3,272.44	1/2		1/2		1/2		1/2	
3/4	2,186.28	3/4	2,404.42	3/4	2,622.56	3/4	2,840.70	3/4	3,058.84	3/4	3,276.98	3/4		3/4		3/4		3/4	
2	2,190.82	2	2,408.96	2	2,627.10	2	2,846.24	2	3,063.38	2	3,281.52	2		2		2		2	
1/4	2,195.37	1/4	2,413.51	1/4	2,631.65	1/4	2,849.79	1/4	3,067.93	1/4	3,285.99	1/4		1/4		1/4		1/4	
1/2	2,199.91	1/2	2,418.05	1/2	2,636.19	1/2	2,854.33	1/2	3,072.47	1/2	3,289.89	1/2		1/2		1/2		1/2	
3/4	2,204.46	3/4	2,422.60	3/4	2,640.74	3/4	2,858.88	3/4	3,077.02	3/4	3,294.02	3/4		3/4		3/4		3/4	
3	2,209.00	3	2,427.14	3	2,645.28	3	2,863.42	3	3,081.56	3	3,298.19	3		3		3		3	
1/4	2,213.55	1/4	2,431.69	1/4	2,649.83	1/4	2,867.97	1/4	3,086.11	1/4	3,301.60	1/4		1/4		1/4		1/4	
1/2	2,218.09	1/2	2,436.23	1/2	2,654.37	1/2	2,872.51	1/2	3,090.65	1/2	3,305.01	1/2		1/2		1/2		1/2	
3/4	2,222.64	3/4	2,440.78	3/4	2,658.92	3/4	2,877.06	3/4	3,095.20	3/4	3,308.41	3/4		3/4		3/4		3/4	
4	2,227.18	4	2,445.32	4	2,663.46	4	2,881.60	4	3,099.74	4	3,311.82	4		4		4		4	
1/4	2,231.73	1/4	2,449.87	1/4	2,668.01	1/4	2,886.15	1/4	3,104.29	1/4	3,314.47	1/4		1/4		1/4		1/4	
1/2	2,236.27	1/2	2,454.41	1/2	2,672.55	1/2	2,890.69	1/2	3,108.83	1/2	3,317.13	1/2		1/2		1/2		1/2	
3/4	2,240.82	3/4	2,458.96	3/4	2,677.10	3/4	2,895.24	3/4	3,113.38	3/4	3,319.78	3/4		3/4		3/4		3/4	
5	2,245.36	5	2,463.50	5	2,681.64	5	2,899.78	5	3,117.92	5	3,322.43	5		5		5		5	
1/4	2,249.90	1/4	2,468.04	1/4	2,686.19	1/4	2,904.33	1/4	3,122.47	1/4	3,324.32	1/4		1/4		1/4		1/4	
1/2	2,254.45	1/2	2,472.59	1/2	2,690.73	1/2	2,908.87	1/2	3,127.01	1/2	3,326.22	1/2		1/2		1/2		1/2	
3/4	2,258.99	3/4	2,477.13	3/4	2,695.28	3/4	2,913.42	3/4	3,131.56	3/4	3,328.11	3/4		3/4		3/4		3/4	
6	2,263.53	6	2,481.67	6	2,699.82	6	2,917.96	6	3,136.10	6	3,330.00	6		6		6		6	
1/4	2,268.08	1/4	2,486.22	1/4	2,704.36	1/4	2,922.50	1/4	3,140.65	1/4	3,331.14	1/4		1/4		1/4		1/4	
1/2	2,272.62	1/2	2,490.76	1/2	2,708.91	1/2	2,927.05	1/2	3,145.19	1/2	3,332.28	1/2		1/2		1/2		1/2	
3/4	2,277.17	3/4	2,495.31	3/4	2,713.45	3/4	2,931.59	3/4	3,149.74	3/4	3,333.41	3/4		3/4		3/4		3/4	
7	2,281.71	7	2,499.85	7	2,717.99	7	2,936.13	7	3,154.28	7	3,334.55	7		7		7		7	
1/4	2,286.26	1/4	2,504.40	1/4	2,722.54	1/4	2,940.68	1/4	3,158.82	1/4		1/4		1/4		1/4		1/4	
1/2	2,290.80	1/2	2,508.94	1/2	2,727.08	1/2	2,945.22	1/2	3,163.37	1/2		1/2		1/2		1/2		1/2	
3/4	2,295.35	3/4	2,513.49	3/4	2,731.63	3/4	2,949.77	3/4	3,167.91	3/4		3/4		3/4		3/4		3/4	
8	2,299.89	8	2,518.03	8	2,736.17	8	2,954.31	8	3,172.45	8		8		8		8		8	
1/4	2,304.44	1/4	2,522.58	1/4	2,740.72	1/4	2,958.86	1/4	3,177.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,308.98	1/2	2,527.12	1/2	2,745.26	1/2	2,963.40	1/2	3,181.54	1/2		1/2		1/2		1/2		1/2	
3/4	2,313.53	3/4	2,531.67	3/4	2,749.81	3/4	2,967.95	3/4	3,186.09	3/4		3/4		3/4		3/4		3/4	
9	2,318.07	9	2,536.21	9	2,754.35	9	2,972.49	9	3,190.63	9		9		9		9		9	
1/4	2,322.62	1/4	2,540.76	1/4	2,758.90	1/4	2,977.04	1/4	3,195.18	1/4		1/4		1/4		1/4		1/4	
1/2	2,327.16	1/2	2,545.30	1/2	2,763.44	1/2	2,981.58	1/2	3,199.72	1/2		1/2		1/2		1/2		1/2	
3/4	2,331.71	3/4	2,549.85	3/4	2,767.99	3/4	2,986.13	3/4	3,204.27	3/4		3/4		3/4		3/4		3/4	
10	2,336.25	10	2,554.39	10	2,772.53	10	2,990.67	10	3,208.81	10		10		10		10		10	
1/4	2,340.80	1/4	2,558.94	1/4	2,777.08	1/4	2,995.22	1/4	3,213.36	1/4		1/4		1/4		1/4		1/4	
1/2	2,345.34	1/2	2,563.48	1/2	2,781.62	1/2	2,999.76	1/2	3,217.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,349.89	3/4	2,568.03	3/4	2,786.17	3/4	3,004.31	3/4	3,222.45	3/4		3/4		3/4		3/4		3/4	
11	2,354.43	11	2,572.57	11	2,790.71	11	3,008.85	11	3,226.99	11		11		11		11		11	
1/4	2,358.97	1/4	2,577.12	1/4	2,795.26	1/4	3,013.40	1/4	3,231.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,363.52	1/2	2,581.66	1/2	2,799.80	1/2	3,017.94	1/2	3,236.08	1/2		1/2		1/2		1/2		1/2	
3/4	2,368.06	3/4	2,586.21	3/4	2,804.35	3/4	3,022.49	3/4	3,240.63	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2003 ITS  
DECK MEASUREMENTS: 03/27/2008 SW CL  
REPRINTED: 03/28/2008 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2008

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



# BARGE "WEB 403"

## 4 CENTER INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 17'-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	4.46	0	368.00	0	759.93	0	1,151.49	0	1,543.12	0	1,935.02	0	2,326.92	0	2,718.82	0	3,110.72	0	3,502.62
1/4	7.87	1/4	376.17	1/4	768.10	1/4	1,169.64	1/4	1,551.29	1/4	1,943.18	1/4	2,335.08	1/4	2,726.98	1/4	3,118.88	1/4	3,510.78
1/2	11.27	1/2	384.33	1/2	776.26	1/2	1,167.80	1/2	1,559.46	1/2	1,951.36	1/2	2,343.25	1/2	2,735.15	1/2	3,127.05	1/2	3,518.96
3/4	14.68	3/4	392.50	3/4	784.43	3/4	1,175.95	3/4	1,567.62	3/4	1,959.51	3/4	2,351.41	3/4	2,743.31	3/4	3,135.21	3/4	3,527.11
1	18.08	1	400.66	1	792.59	1	1,184.10	1	1,575.78	1	1,967.68	1	2,359.58	1	2,751.48	1	3,143.38	1	3,535.28
1/4	24.21	1/4	408.83	1/4	800.75	1/4	1,192.25	1/4	1,583.95	1/4	1,975.84	1/4	2,367.74	1/4	2,759.64	1/4	3,151.54	1/4	3,543.44
1/2	30.34	1/2	416.99	1/2	808.92	1/2	1,200.41	1/2	1,592.11	1/2	1,984.01	1/2	2,375.91	1/2	2,767.81	1/2	3,159.71	1/2	3,551.61
3/4	36.47	3/4	425.16	3/4	817.08	3/4	1,208.56	3/4	1,600.28	3/4	1,992.17	3/4	2,384.07	3/4	2,775.97	3/4	3,167.87	3/4	3,559.77
2	42.60	2	433.32	2	825.25	2	1,216.71	2	1,608.44	2	2,000.34	2	2,392.24	2	2,784.14	2	3,176.04	2	3,567.94
1/4	50.44	1/4	441.49	1/4	833.41	1/4	1,224.86	1/4	1,616.61	1/4	2,008.50	1/4	2,400.40	1/4	2,792.30	1/4	3,184.20	1/4	3,576.10
1/2	58.28	1/2	449.65	1/2	841.58	1/2	1,233.02	1/2	1,624.77	1/2	2,016.67	1/2	2,408.57	1/2	2,800.47	1/2	3,192.37	1/2	3,584.27
3/4	66.11	3/4	457.82	3/4	849.74	3/4	1,241.17	3/4	1,632.94	3/4	2,024.83	3/4	2,416.73	3/4	2,808.63	3/4	3,200.53	3/4	3,592.43
3	73.95	3	465.98	3	857.91	3	1,249.32	3	1,641.10	3	2,033.00	3	2,424.90	3	2,816.80	3	3,208.70	3	3,600.60
1/4	82.13	1/4	474.15	1/4	866.07	1/4	1,257.47	1/4	1,649.26	1/4	2,041.16	1/4	2,433.06	1/4	2,824.98	1/4	3,216.88	1/4	3,608.76
1/2	90.30	1/2	482.31	1/2	874.24	1/2	1,265.63	1/2	1,657.43	1/2	2,049.32	1/2	2,441.23	1/2	2,833.13	1/2	3,225.03	1/2	3,616.93
3/4	98.48	3/4	490.48	3/4	882.40	3/4	1,273.78	3/4	1,665.59	3/4	2,057.49	3/4	2,449.39	3/4	2,841.29	3/4	3,233.19	3/4	3,625.09
4	106.65	4	498.64	4	890.67	4	1,281.93	4	1,673.75	4	2,065.65	4	2,457.56	4	2,849.46	4	3,241.36	4	3,633.26
1/4	114.83	1/4	506.81	1/4	898.73	1/4	1,290.09	1/4	1,681.92	1/4	2,073.81	1/4	2,465.72	1/4	2,857.62	1/4	3,249.52	1/4	3,641.42
1/2	123.01	1/2	514.97	1/2	906.88	1/2	1,298.25	1/2	1,690.08	1/2	2,081.98	1/2	2,473.88	1/2	2,865.78	1/2	3,257.69	1/2	3,649.59
3/4	131.18	3/4	523.14	3/4	915.04	3/4	1,306.40	3/4	1,698.25	3/4	2,090.14	3/4	2,482.05	3/4	2,873.95	3/4	3,265.85	3/4	3,657.75
5	139.36	5	531.30	5	923.20	5	1,314.56	5	1,706.41	5	2,098.31	5	2,490.21	5	2,882.11	5	3,274.02	5	3,665.92
1/4	147.53	1/4	539.47	1/4	931.35	1/4	1,322.72	1/4	1,714.58	1/4	2,106.47	1/4	2,498.37	1/4	2,890.27	1/4	3,282.18	1/4	3,674.08
1/2	155.70	1/2	547.63	1/2	939.50	1/2	1,330.89	1/2	1,722.74	1/2	2,114.64	1/2	2,506.54	1/2	2,898.44	1/2	3,290.34	1/2	3,682.24
3/4	163.86	3/4	555.80	3/4	947.66	3/4	1,339.05	3/4	1,730.91	3/4	2,122.80	3/4	2,514.70	3/4	2,906.60	3/4	3,298.51	3/4	3,690.41
6	172.03	6	563.98	6	955.81	6	1,347.21	6	1,739.07	6	2,130.97	6	2,522.87	6	2,914.77	6	3,306.67	6	3,698.57
1/4	180.20	1/4	572.13	1/4	963.96	1/4	1,355.37	1/4	1,747.23	1/4	2,139.13	1/4	2,531.03	1/4	2,922.93	1/4	3,314.83	1/4	3,706.73
1/2	188.36	1/2	580.29	1/2	972.11	1/2	1,363.54	1/2	1,755.40	1/2	2,147.30	1/2	2,539.20	1/2	2,931.10	1/2	3,323.00	1/2	3,714.90
3/4	196.53	3/4	588.46	3/4	980.27	3/4	1,371.70	3/4	1,763.56	3/4	2,155.46	3/4	2,547.36	3/4	2,939.26	3/4	3,331.16	3/4	3,723.06
7	204.69	7	596.62	7	988.42	7	1,379.86	7	1,771.73	7	2,163.63	7	2,555.53	7	2,947.43	7	3,339.33	7	3,731.23
1/4	212.86	1/4	604.79	1/4	996.57	1/4	1,388.02	1/4	1,779.89	1/4	2,171.79	1/4	2,563.69	1/4	2,955.59	1/4	3,347.49	1/4	3,739.39
1/2	221.02	1/2	612.95	1/2	1,004.73	1/2	1,396.18	1/2	1,788.06	1/2	2,179.96	1/2	2,571.86	1/2	2,963.76	1/2	3,355.66	1/2	3,747.56
3/4	229.19	3/4	621.12	3/4	1,012.88	3/4	1,404.34	3/4	1,796.22	3/4	2,188.12	3/4	2,580.02	3/4	2,971.92	3/4	3,363.82	3/4	3,755.72
8	237.35	8	629.28	8	1,021.03	8	1,412.50	8	1,804.39	8	2,196.29	8	2,588.19	8	2,980.09	8	3,371.99	8	3,763.89
1/4	245.52	1/4	637.45	1/4	1,029.19	1/4	1,420.66	1/4	1,812.55	1/4	2,204.45	1/4	2,596.35	1/4	2,988.25	1/4	3,380.15	1/4	3,772.05
1/2	253.69	1/2	645.62	1/2	1,037.34	1/2	1,428.83	1/2	1,820.72	1/2	2,212.62	1/2	2,604.52	1/2	2,996.42	1/2	3,388.32	1/2	3,780.22
3/4	261.85	3/4	653.78	3/4	1,045.50	3/4	1,436.99	3/4	1,828.88	3/4	2,220.78	3/4	2,612.68	3/4	3,004.58	3/4	3,396.48	3/4	3,788.38
9	270.02	9	661.95	9	1,053.65	9	1,445.15	9	1,837.05	9	2,228.95	9	2,620.85	9	3,012.75	9	3,404.65	9	3,796.55
1/4	278.19	1/4	670.12	1/4	1,061.80	1/4	1,453.31	1/4	1,845.21	1/4	2,237.11	1/4	2,629.01	1/4	3,020.91	1/4	3,412.81	1/4	3,804.71
1/2	286.35	1/2	678.28	1/2	1,069.96	1/2	1,461.48	1/2	1,853.37	1/2	2,245.27	1/2	2,637.18	1/2	3,029.08	1/2	3,420.98	1/2	3,812.88
3/4	294.52	3/4	686.45	3/4	1,078.11	3/4	1,469.64	3/4	1,861.54	3/4	2,253.44	3/4	2,645.34	3/4	3,037.24	3/4	3,429.14	3/4	3,821.04
10	302.68	10	694.61	10	1,086.26	10	1,477.80	10	1,869.70	10	2,261.60	10	2,653.51	10	3,045.41	10	3,437.31	10	3,829.21
1/4	310.85	1/4	702.78	1/4	1,094.41	1/4	1,486.97	1/4	1,877.86	1/4	2,269.76	1/4	2,661.67	1/4	3,053.57	1/4	3,445.47	1/4	3,837.37
1/2	319.01	1/2	710.94	1/2	1,102.57	1/2	1,494.13	1/2	1,886.03	1/2	2,277.93	1/2	2,669.83	1/2	3,061.73	1/2	3,453.64	1/2	3,845.54
3/4	327.18	3/4	719.11	3/4	1,110.72	3/4	1,502.30	3/4	1,894.19	3/4	2,286.09	3/4	2,678.00	3/4	3,069.90	3/4	3,461.80	3/4	3,853.70
11	335.34	11	727.27	11	1,118.87	11	1,510.46	11	1,902.36	11	2,294.26	11	2,686.16	11	3,078.06	11	3,469.97	11	3,861.87
1/4	343.51	1/4	735.44	1/4	1,127.03	1/4	1,518.63	1/4	1,910.52	1/4	2,302.42	1/4	2,694.32	1/4	3,086.22	1/4	3,478.13	1/4	3,870.03
1/2	351.67	1/2	743.60	1/2	1,135.18	1/2	1,526.79	1/2	1,918.69	1/2	2,310.59	1/2	2,702.49	1/2	3,094.39	1/2	3,486.29	1/2	3,878.19
3/4	359.84	3/4	751.77	3/4	1,143.34	3/4	1,534.96	3/4	1,926.85	3/4	2,318.75	3/4	2,710.65	3/4	3,102.55	3/4	3,494.46	3/4	3,886.36

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 FROM THE TOP LIP OF HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 03'-08" OFF CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 1/4" ABOVE TANK BOTTOM.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "WEB 403"

## 4 CENTER INNAGE TABLE

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

HULL NO. 03-2978

GAUGE HEIGHT 17'-01 1/4"

IN	10 FT.	RI	11 FT.	RI	12 FT.	RI	13 FT.	RI	14 FT.	RI	15 FT.	RI	16 FT.	RI	17 FT.	RI	18 FT.	RI	19 FT.
0	3,894.52	0	4,267.00	0	4,528.89	0	4,790.45	0	5,052.01	0	5,313.58	0		0					
1/4	3,902.68	1/4	4,272.63	1/4	4,534.34	1/4	4,796.90	1/4	5,057.46	1/4	5,319.03	1/4		1/4					
1/2	3,910.85	1/2	4,278.06	1/2	4,539.79	1/2	4,801.36	1/2	5,062.91	1/2	5,324.47	1/2		1/2					
3/4	3,919.01	3/4	4,283.80	3/4	4,545.24	3/4	4,806.80	3/4	5,068.36	3/4	5,329.92	3/4		3/4					
1	3,927.18	1	4,289.13	1	4,550.69	1	4,812.25	1	5,073.81	1	5,335.37	1		1					
1/4	3,935.34	1/4	4,294.68	1/4	4,556.14	1/4	4,817.70	1/4	5,079.26	1/4	5,340.81	1/4		1/4					
1/2	3,943.51	1/2	4,300.02	1/2	4,561.59	1/2	4,823.15	1/2	5,084.71	1/2	5,346.59	1/2		1/2					
3/4	3,951.67	3/4	4,305.47	3/4	4,567.04	3/4	4,828.60	3/4	5,090.16	3/4	5,350.70	3/4		3/4					
2	3,959.84	2	4,310.92	2	4,572.49	2	4,834.05	2	5,095.61	2	5,355.81	2		2					
1/4	3,968.00	1/4	4,316.37	1/4	4,577.94	1/4	4,839.50	1/4	5,101.06	1/4	5,360.12	1/4		1/4					
1/2	3,976.17	1/2	4,321.82	1/2	4,583.38	1/2	4,844.94	1/2	5,106.51	1/2	5,364.43	1/2		1/2					
3/4	3,984.33	3/4	4,327.27	3/4	4,588.83	3/4	4,850.39	3/4	5,111.96	3/4	5,368.75	3/4		3/4					
3	3,992.50	3	4,332.72	3	4,594.28	3	4,855.84	3	5,117.41	3	5,373.06	3		3					
1/4	4,000.66	1/4	4,338.17	1/4	4,599.73	1/4	4,861.29	1/4	5,122.86	1/4	5,376.46	1/4		1/4					
1/2	4,008.83	1/2	4,343.62	1/2	4,605.18	1/2	4,866.74	1/2	5,128.30	1/2	5,379.87	1/2		1/2					
3/4	4,016.99	3/4	4,349.07	3/4	4,610.63	3/4	4,872.19	3/4	5,133.75	3/4	5,383.27	3/4		3/4					
4	4,025.16	4	4,354.52	4	4,616.08	4	4,877.64	4	5,139.20	4	5,386.68	4		4					
1/4	4,033.32	1/4	4,359.97	1/4	4,621.53	1/4	4,883.09	1/4	5,144.65	1/4	5,389.17	1/4		1/4					
1/2	4,041.49	1/2	4,365.41	1/2	4,626.98	1/2	4,888.54	1/2	5,150.10	1/2	5,391.67	1/2		1/2					
3/4	4,049.65	3/4	4,370.86	3/4	4,632.43	3/4	4,893.99	3/4	5,155.55	3/4	5,394.16	3/4		3/4					
5	4,057.82	5	4,376.31	5	4,637.88	5	4,899.44	5	5,161.00	5	5,396.66	5		5					
1/4	4,065.98	1/4	4,381.76	1/4	4,643.33	1/4	4,904.89	1/4	5,166.45	1/4	5,398.25	1/4		1/4					
1/2	4,074.15	1/2	4,387.21	1/2	4,648.77	1/2	4,910.33	1/2	5,171.90	1/2	5,399.83	1/2		1/2					
3/4	4,082.31	3/4	4,392.66	3/4	4,654.22	3/4	4,915.78	3/4	5,177.35	3/4	5,401.42	3/4		3/4					
6	4,090.48	6	4,398.11	6	4,659.67	6	4,921.23	6	5,182.80	6	5,403.01	6		6					
1/4	4,098.64	1/4	4,403.56	1/4	4,665.12	1/4	4,926.68	1/4	5,188.25	1/4	5,403.89	1/4		1/4					
1/2	4,106.80	1/2	4,409.01	1/2	4,670.57	1/2	4,932.13	1/2	5,193.69	1/2	5,404.36	1/2		1/2					
3/4	4,114.97	3/4	4,414.46	3/4	4,676.02	3/4	4,937.58	3/4	5,199.14	3/4	5,405.04	3/4		3/4					
7	4,123.13	7	4,419.91	7	4,681.47	7	4,943.03	7	5,204.59	7	5,405.72	7		7					
1/4	4,131.29	1/4	4,425.36	1/4	4,686.92	1/4	4,948.48	1/4	5,210.04	1/4	5,406.17	1/4		1/4					
1/2	4,139.46	1/2	4,430.80	1/2	4,692.37	1/2	4,953.93	1/2	5,215.49	1/2		1/2		1/2					
3/4	4,147.62	3/4	4,436.25	3/4	4,697.82	3/4	4,959.38	3/4	5,220.94	3/4		3/4		3/4					
8	4,155.79	8	4,441.70	8	4,703.27	8	4,964.83	8	5,226.39	8		8		8					
1/4	4,163.95	1/4	4,447.15	1/4	4,708.72	1/4	4,970.28	1/4	5,231.84	1/4		1/4		1/4					
1/2	4,171.61	1/2	4,452.60	1/2	4,714.16	1/2	4,975.72	1/2	5,237.29	1/2		1/2		1/2					
3/4	4,179.52	3/4	4,458.05	3/4	4,719.61	3/4	4,981.17	3/4	5,242.74	3/4		3/4		3/4					
9	4,187.43	9	4,463.50	9	4,725.06	9	4,986.62	9	5,248.19	9		9		9					
1/4	4,194.74	1/4	4,468.95	1/4	4,730.51	1/4	4,992.07	1/4	5,253.64	1/4		1/4		1/4					
1/2	4,202.05	1/2	4,474.40	1/2	4,735.96	1/2	4,997.52	1/2	5,259.08	1/2		1/2		1/2					
3/4	4,209.37	3/4	4,479.85	3/4	4,741.41	3/4	5,002.97	3/4	5,264.53	3/4		3/4		3/4					
10	4,218.68	10	4,485.30	10	4,746.86	10	5,008.42	10	5,269.98	10		10		10					
1/4	4,223.31	1/4	4,490.75	1/4	4,752.31	1/4	5,013.87	1/4	5,275.43	1/4		1/4		1/4					
1/2	4,229.94	1/2	4,496.19	1/2	4,757.76	1/2	5,019.32	1/2	5,280.88	1/2		1/2		1/2					
3/4	4,236.57	3/4	4,501.64	3/4	4,763.21	3/4	5,024.77	3/4	5,286.33	3/4		3/4		3/4					
11	4,243.20	11	4,507.09	11	4,768.66	11	5,030.22	11	5,291.78	11		11		11					
1/4	4,249.15	1/4	4,512.54	1/4	4,774.11	1/4	5,035.67	1/4	5,297.23	1/4		1/4		1/4					
1/2	4,255.10	1/2	4,517.99	1/2	4,779.55	1/2	5,041.11	1/2	5,302.68	1/2		1/2		1/2					
3/4	4,261.05	3/4	4,523.44	3/4	4,785.00	3/4	5,046.56	3/4	5,308.13	3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/27/2003 ITS  
DECK MEASUREMENTS: 03/27/2008 SW CL  
REPRINTED: 03/28/2008 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2008

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