



BARGE "WEB 238"

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	-00-1/4	00-1/4	-00-1/2	00-1/2	-00-3/4	00-3/4	-01-0/8	01-0/8	-01-1/4	01-1/4	-01-5/8	01-5/8
2 PORT	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8
2 STBD	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8
3 PORT	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8
3 STBD	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8
4 CENTER	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/4	00-1/4	-00-1/4	00-1/4	-00-1/4	00-1/4	-00-1/4	00-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 286'-09"

July 23, 2012

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

<http://www.pmacorp.net>



BARGE "WEB 238"

1 CENTER INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 15'-02"

IN	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	3.81	0	454.67	0	1,017.30	0	1,625.95	0	2,235.11	0	2,843.57	0	3,451.93	0	4,060.29	0	4,668.66	0	5,277.02		
1/4	7.11	1/4	465.52	1/4	1,029.77	1/4	1,638.65	1/4	2,247.80	1/4	2,856.25	1/4	3,464.61	1/4	4,072.97	1/4	4,681.33	1/4	5,289.69		
1/2	10.40	1/2	476.38	1/2	1,042.25	1/2	1,651.35	1/2	2,260.49	1/2	2,868.92	1/2	3,477.28	1/2	4,085.64	1/2	4,694.01	1/2	5,302.37		
3/4	13.70	3/4	487.23	3/4	1,054.72	3/4	1,664.04	3/4	2,273.18	3/4	2,881.60	3/4	3,489.96	3/4	4,098.32	3/4	4,706.68	3/4	5,315.04		
1	16.99	1	498.08	1	1,067.19	1	1,676.74	1	2,285.87	1	2,894.27	1	3,502.63	1	4,110.99	1	4,719.35	1	5,327.71		
1/4	23.62	1/4	509.27	1/4	1,079.89	1/4	1,689.44	1/4	2,298.55	1/4	2,906.95	1/4	3,515.31	1/4	4,123.67	1/4	4,732.03	1/4	5,340.39		
1/2	30.25	1/2	520.46	1/2	1,092.59	1/2	1,702.13	1/2	2,311.24	1/2	2,919.62	1/2	3,527.98	1/2	4,136.34	1/2	4,744.70	1/2	5,353.06		
3/4	36.88	3/4	531.64	3/4	1,105.29	3/4	1,714.83	3/4	2,323.92	3/4	2,932.30	3/4	3,540.66	3/4	4,149.02	3/4	4,757.38	3/4	5,365.74		
2	43.61	2	542.83	2	1,117.99	2	1,727.52	2	2,336.60	2	2,944.97	2	3,553.33	2	4,161.69	2	4,770.05	2	5,378.41		
1/4	52.67	1/4	554.36	1/4	1,130.69	1/4	1,740.21	1/4	2,349.28	1/4	2,957.64	1/4	3,566.00	1/4	4,174.37	1/4	4,782.73	1/4	5,391.09		
1/2	61.84	1/2	565.88	1/2	1,143.39	1/2	1,752.91	1/2	2,361.95	1/2	2,970.32	1/2	3,578.68	1/2	4,187.04	1/2	4,795.40	1/2	5,403.76		
3/4	71.00	3/4	577.41	3/4	1,156.08	3/4	1,765.60	3/4	2,374.63	3/4	2,982.99	3/4	3,591.35	3/4	4,199.72	3/4	4,808.08	3/4	5,416.44		
3	80.16	3	588.93	3	1,168.78	3	1,778.29	3	2,387.30	3	2,995.66	3	3,604.02	3	4,212.39	3	4,820.75	3	5,429.11		
1/4	90.25	1/4	600.58	1/4	1,181.48	1/4	1,790.98	1/4	2,399.98	1/4	3,008.34	1/4	3,616.70	1/4	4,225.06	1/4	4,833.42	1/4	5,441.79		
1/2	100.35	1/2	612.24	1/2	1,194.18	1/2	1,803.67	1/2	2,412.65	1/2	3,021.01	1/2	3,629.37	1/2	4,237.74	1/2	4,846.10	1/2	5,454.46		
3/4	110.44	3/4	623.89	3/4	1,206.88	3/4	1,816.36	3/4	2,425.33	3/4	3,033.69	3/4	3,642.05	3/4	4,250.41	3/4	4,858.77	3/4	5,467.14		
4	120.53	4	635.54	4	1,219.58	4	1,829.05	4	2,438.00	4	3,046.36	4	3,654.72	4	4,263.08	4	4,871.44	4	5,479.81		
1/4	130.75	1/4	647.32	1/4	1,232.28	1/4	1,841.74	1/4	2,450.67	1/4	3,059.04	1/4	3,667.40	1/4	4,275.76	1/4	4,884.12	1/4	5,492.48		
1/2	140.98	1/2	659.11	1/2	1,244.98	1/2	1,854.43	1/2	2,463.35	1/2	3,071.71	1/2	3,680.07	1/2	4,288.43	1/2	4,896.79	1/2	5,505.16		
3/4	151.20	3/4	670.89	3/4	1,257.68	3/4	1,867.11	3/4	2,476.02	3/4	3,084.39	3/4	3,692.75	3/4	4,301.11	3/4	4,909.47	3/4	5,517.83		
5	161.42	5	682.67	5	1,270.38	5	1,879.80	5	2,488.69	5	3,097.06	5	3,705.42	5	4,313.78	5	4,922.14	5	5,530.50		
1/4	171.77	1/4	694.58	1/4	1,283.08	1/4	1,892.49	1/4	2,501.37	1/4	3,109.73	1/4	3,718.09	1/4	4,326.46	1/4	4,934.82	1/4	5,543.18		
1/2	182.13	1/2	706.50	1/2	1,295.78	1/2	1,905.18	1/2	2,514.04	1/2	3,122.41	1/2	3,730.77	1/2	4,339.13	1/2	4,947.49	1/2	5,555.85		
3/4	192.48	3/4	718.41	3/4	1,308.47	3/4	1,917.87	3/4	2,526.72	3/4	3,135.08	3/4	3,743.44	3/4	4,351.81	3/4	4,960.17	3/4	5,568.53		
6	202.83	6	730.32	6	1,321.17	6	1,930.56	6	2,539.39	6	3,147.75	6	3,756.11	6	4,364.48	6	4,972.84	6	5,581.20		
1/4	213.31	1/4	742.14	1/4	1,333.87	1/4	1,943.25	1/4	2,552.07	1/4	3,160.45	1/4	3,768.79	1/4	4,377.15	1/4	4,985.51	1/4	5,593.88		
1/2	223.79	1/2	753.95	1/2	1,346.57	1/2	1,955.94	1/2	2,564.74	1/2	3,173.10	1/2	3,781.46	1/2	4,389.83	1/2	4,998.19	1/2	5,606.55		
3/4	234.27	3/4	765.77	3/4	1,359.27	3/4	1,968.63	3/4	2,577.42	3/4	3,185.78	3/4	3,794.14	3/4	4,402.50	3/4	5,010.86	3/4	5,619.23		
7	244.75	7	777.58	7	1,371.97	7	1,981.32	7	2,590.09	7	3,198.45	7	3,806.81	7	4,415.17	7	5,023.53	7	5,631.90		
1/4	255.15	1/4	789.30	1/4	1,384.67	1/4	1,994.01	1/4	2,602.76	1/4	3,211.13	1/4	3,819.49	1/4	4,427.85	1/4	5,036.21	1/4	5,644.57		
1/2	265.55	1/2	801.02	1/2	1,397.37	1/2	2,006.70	1/2	2,615.44	1/2	3,223.80	1/2	3,832.16	1/2	4,440.52	1/2	5,048.88	1/2	5,657.25		
3/4	275.95	3/4	812.73	3/4	1,410.07	3/4	2,019.39	3/4	2,628.11	3/4	3,236.48	3/4	3,844.84	3/4	4,453.20	3/4	5,061.56	3/4	5,669.92		
8	286.35	8	824.45	8	1,422.77	8	2,032.08	8	2,640.78	8	3,249.15	8	3,857.51	8	4,465.87	8	5,074.23	8	5,682.59		
1/4	296.67	1/4	836.30	1/4	1,435.47	1/4	2,044.77	1/4	2,653.46	1/4	3,261.82	1/4	3,870.18	1/4	4,478.55	1/4	5,086.91	1/4	5,695.27		
1/2	307.00	1/2	848.14	1/2	1,448.17	1/2	2,057.46	1/2	2,666.13	1/2	3,274.50	1/2	3,882.86	1/2	4,491.22	1/2	5,099.58	1/2	5,707.94		
3/4	317.32	3/4	859.99	3/4	1,460.86	3/4	2,070.14	3/4	2,678.81	3/4	3,287.17	3/4	3,895.53	3/4	4,503.90	3/4	5,112.26	3/4	5,720.62		
9	327.64	9	871.83	9	1,473.56	9	2,082.83	9	2,691.48	9	3,299.84	9	3,908.20	9	4,516.57	9	5,124.93	9	5,733.29		
1/4	338.09	1/4	883.81	1/4	1,486.26	1/4	2,095.52	1/4	2,704.16	1/4	3,312.52	1/4	3,920.88	1/4	4,529.24	1/4	5,137.60	1/4	5,745.97		
1/2	348.54	1/2	895.79	1/2	1,498.96	1/2	2,108.21	1/2	2,716.83	1/2	3,325.19	1/2	3,933.55	1/2	4,541.92	1/2	5,150.28	1/2	5,758.64		
3/4	358.99	3/4	907.76	3/4	1,511.66	3/4	2,120.90	3/4	2,729.51	3/4	3,337.87	3/4	3,946.23	3/4	4,554.59	3/4	5,162.95	3/4	5,771.32		
10	369.44	10	919.74	10	1,524.36	10	2,133.59	10	2,742.18	10	3,350.54	10	3,958.90	10	4,567.26	10	5,175.62	10	5,783.99		
1/4	380.03	1/4	931.88	1/4	1,537.06	1/4	2,146.28	1/4	2,754.85	1/4	3,363.22	1/4	3,971.58	1/4	4,579.94	1/4	5,188.30	1/4	5,796.66		
1/2	390.61	1/2	944.03	1/2	1,549.76	1/2	2,158.97	1/2	2,767.53	1/2	3,375.89	1/2	3,984.25	1/2	4,592.61	1/2	5,200.97	1/2	5,809.34		
3/4	401.20	3/4	956.17	3/4	1,562.45	3/4	2,171.66	3/4	2,780.20	3/4	3,388.57	3/4	3,996.93	3/4	4,605.29	3/4	5,213.65	3/4	5,822.01		
11	411.78	11	968.31	11	1,575.15	11	2,184.35	11	2,792.87	11	3,401.24	11	4,009.60	11	4,617.96	11	5,226.32	11	5,834.68		
1/4	422.50	1/4	980.56	1/4	1,587.85	1/4	2,197.04	1/4	2,805.55	1/4	3,413.91	1/4	4,022.27	1/4	4,630.64	1/4	5,239.00	1/4	5,847.36		
1/2	433.23	1/2	992.81	1/2	1,600.55	1/2	2,209.73	1/2	2,818.22	1/2	3,426.59	1/2	4,034.95	1/2	4,643.31	1/2	5,251.67	1/2	5,860.03		
3/4	443.95	3/4	1,005.05	3/4	1,613.25	3/4	2,222.42	3/4	2,830.90	3/4	3,439.26	3/4	4,047.62	3/4	4,655.99	3/4	5,264.35	3/4	5,872.71		

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 10" GAUGE HATCH.

GAUGE POINT: (10" HATCH) LOCATED 01'-00" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 9/16" ABOVE TANK BOTTOM

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net



BARGE "WEB 238"

1 CENTER INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 15'-02"

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	5,885.38	0	6,493.74	0	7,102.10	0	7,710.46	0	8,318.83	0		0		0		0		0	
1/4	5,898.06	1/4	6,506.42	1/4	7,114.78	1/4	7,723.14	1/4	8,331.50	1/4		1/4		1/4		1/4		1/4	
1/2	5,910.73	1/2	6,519.09	1/2	7,127.45	1/2	7,735.81	1/2	8,344.18	1/2		1/2		1/2		1/2		1/2	
3/4	5,923.41	3/4	6,531.77	3/4	7,140.13	3/4	7,748.49	3/4	8,356.85	3/4		3/4		3/4		3/4		3/4	
1	5,936.08	1	6,544.44	1	7,152.80	1	7,761.16	1	8,369.52	1		1		1		1		1	
1/4	5,948.75	1/4	6,557.11	1/4	7,165.48	1/4	7,773.84	1/4	8,382.20	1/4		1/4		1/4		1/4		1/4	
1/2	5,961.43	1/2	6,569.79	1/2	7,178.15	1/2	7,786.51	1/2	8,394.87	1/2		1/2		1/2		1/2		1/2	
3/4	5,974.10	3/4	6,582.46	3/4	7,190.83	3/4	7,799.19	3/4	8,407.55	3/4		3/4		3/4		3/4		3/4	
2	5,986.77	2	6,595.13	2	7,203.50	2	7,811.86	2	8,420.22	2		2		2		2		2	
1/4	5,999.45	1/4	6,607.81	1/4	7,216.17	1/4	7,824.53	1/4	8,432.36	1/4		1/4		1/4		1/4		1/4	
1/2	6,012.12	1/2	6,620.48	1/2	7,228.85	1/2	7,837.21	1/2	8,444.51	1/2		1/2		1/2		1/2		1/2	
3/4	6,024.80	3/4	6,633.16	3/4	7,241.52	3/4	7,849.88	3/4	8,456.65	3/4		3/4		3/4		3/4		3/4	
3	6,037.47	3	6,645.83	3	7,254.19	3	7,862.55	3	8,468.79	3		3		3		3		3	
1/4	6,050.15	1/4	6,658.51	1/4	7,266.87	1/4	7,875.23	1/4	8,479.34	1/4		1/4		1/4		1/4		1/4	
1/2	6,062.82	1/2	6,671.18	1/2	7,279.54	1/2	7,887.90	1/2	8,489.90	1/2		1/2		1/2		1/2		1/2	
3/4	6,075.50	3/4	6,683.86	3/4	7,292.22	3/4	7,900.58	3/4	8,500.45	3/4		3/4		3/4		3/4		3/4	
4	6,088.17	4	6,696.53	4	7,304.89	4	7,913.25	4	8,511.00	4		4		4		4		4	
1/4	6,100.84	1/4	6,709.21	1/4	7,317.57	1/4	7,925.93	1/4	8,519.43	1/4		1/4		1/4		1/4		1/4	
1/2	6,113.52	1/2	6,721.88	1/2	7,330.24	1/2	7,938.60	1/2	8,527.87	1/2		1/2		1/2		1/2		1/2	
3/4	6,126.19	3/4	6,734.56	3/4	7,342.92	3/4	7,951.28	3/4	8,536.30	3/4		3/4		3/4		3/4		3/4	
5	6,138.86	5	6,747.23	5	7,355.59	5	7,963.95	5	8,544.73	5		5		5		5		5	
1/4	6,151.54	1/4	6,759.90	1/4	7,368.26	1/4	7,976.63	1/4	8,551.04	1/4		1/4		1/4		1/4		1/4	
1/2	6,164.21	1/2	6,772.58	1/2	7,380.94	1/2	7,989.30	1/2	8,557.35	1/2		1/2		1/2		1/2		1/2	
3/4	6,176.89	3/4	6,785.25	3/4	7,393.61	3/4	8,001.98	3/4	8,563.65	3/4		3/4		3/4		3/4		3/4	
6	6,189.56	6	6,797.92	6	7,406.28	6	8,014.65	6	8,569.96	6		6		6		6		6	
1/4	6,202.24	1/4	6,810.60	1/4	7,418.96	1/4	8,027.32	1/4	8,574.15	1/4		1/4		1/4		1/4		1/4	
1/2	6,214.91	1/2	6,823.27	1/2	7,431.63	1/2	8,040.00	1/2	8,578.34	1/2		1/2		1/2		1/2		1/2	
3/4	6,227.59	3/4	6,835.95	3/4	7,444.31	3/4	8,052.67	3/4	8,582.53	3/4		3/4		3/4		3/4		3/4	
7	6,240.26	7	6,848.62	7	7,456.98	7	8,065.34	7	8,586.72	7		7		7		7		7	
1/4	6,252.93	1/4	6,861.30	1/4	7,469.66	1/4	8,078.02	1/4	8,588.79	1/4		1/4		1/4		1/4		1/4	
1/2	6,265.61	1/2	6,873.97	1/2	7,482.33	1/2	8,090.69	1/2	8,590.85	1/2		1/2		1/2		1/2		1/2	
3/4	6,278.28	3/4	6,886.65	3/4	7,495.01	3/4	8,103.37	3/4	8,592.92	3/4		3/4		3/4		3/4		3/4	
8	6,290.95	8	6,899.32	8	7,507.68	8	8,116.04	8	8,594.98	8		8		8		8		8	
1/4	6,303.63	1/4	6,911.99	1/4	7,520.35	1/4	8,128.72	1/4	8,595.99	1/4		1/4		1/4		1/4		1/4	
1/2	6,316.30	1/2	6,924.67	1/2	7,533.03	1/2	8,141.39	1/2	8,596.99	1/2		1/2		1/2		1/2		1/2	
3/4	6,328.98	3/4	6,937.34	3/4	7,545.70	3/4	8,154.07	3/4		3/4		3/4		3/4		3/4		3/4	
9	6,341.65	9	6,950.01	9	7,558.37	9	8,166.74	9		9		9		9		9		9	
1/4	6,354.33	1/4	6,962.69	1/4	7,571.05	1/4	8,179.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,367.00	1/2	6,975.36	1/2	7,583.72	1/2	8,192.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,379.68	3/4	6,988.04	3/4	7,596.40	3/4	8,204.76	3/4		3/4		3/4		3/4		3/4		3/4	
10	6,392.35	10	7,000.71	10	7,609.07	10	8,217.43	10		10		10		10		10		10	
1/4	6,405.02	1/4	7,013.39	1/4	7,621.75	1/4	8,230.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,417.70	1/2	7,026.06	1/2	7,634.42	1/2	8,242.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,430.37	3/4	7,038.74	3/4	7,647.10	3/4	8,255.46	3/4		3/4		3/4		3/4		3/4		3/4	
11	6,443.04	11	7,051.41	11	7,659.77	11	8,268.13	11		11		11		11		11		11	
1/4	6,455.72	1/4	7,064.08	1/4	7,672.44	1/4	8,280.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,468.39	1/2	7,076.76	1/2	7,685.12	1/2	8,293.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,481.07	3/4	7,089.43	3/4	7,697.79	3/4	8,306.16	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "WEB 238"

2 PORT INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-10"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	17.72	319.07	628.62	937.71	1,248.73	1,559.30	1,870.36	2,181.52	2,492.67	2,803.83
1/4	23.11	325.55	635.05	944.19	1,255.21	1,566.76	1,876.84	2,188.00	2,499.15	2,810.31
1/2	28.49	332.04	641.47	950.66	1,261.70	1,572.22	1,883.33	2,194.49	2,505.64	2,816.80
3/4	33.88	338.52	647.89	957.14	1,268.18	1,578.68	1,889.81	2,200.97	2,512.12	2,823.28
1	39.26	345.00	654.32	963.62	1,274.66	1,585.14	1,896.29	2,207.45	2,518.60	2,829.76
1 1/4	45.73	351.48	660.74	970.10	1,281.14	1,591.62	1,902.77	2,213.93	2,525.08	2,836.24
1 1/2	52.20	357.97	667.17	976.58	1,287.63	1,598.11	1,909.26	2,220.42	2,531.57	2,842.73
3/4	58.66	364.45	673.59	983.06	1,294.11	1,604.59	1,915.74	2,226.90	2,538.05	2,849.21
2	65.13	370.93	680.02	989.54	1,300.59	1,611.07	1,922.22	2,233.38	2,544.53	2,855.69
1 1/4	71.60	377.41	686.44	996.02	1,307.07	1,617.55	1,928.70	2,239.86	2,551.01	2,862.17
1 1/2	78.06	383.90	692.87	1,002.50	1,313.56	1,624.04	1,935.19	2,246.35	2,557.50	2,868.66
3/4	84.53	390.38	699.29	1,008.98	1,320.04	1,630.52	1,941.67	2,252.83	2,563.98	2,875.14
3	90.99	396.86	705.72	1,015.46	1,326.52	1,637.00	1,948.15	2,259.31	2,570.46	2,881.62
1 1/4	97.46	403.34	712.14	1,021.94	1,333.00	1,643.48	1,954.63	2,265.79	2,576.94	2,888.10
1 1/2	103.93	409.83	718.57	1,028.42	1,339.47	1,649.97	1,961.12	2,272.28	2,583.43	2,894.59
3/4	110.39	416.31	724.99	1,034.89	1,345.95	1,656.45	1,967.60	2,278.76	2,589.91	2,901.07
4	116.86	422.79	731.42	1,041.37	1,352.42	1,662.93	1,974.08	2,285.24	2,596.39	2,907.55
1 1/4	123.33	429.27	737.84	1,047.85	1,358.89	1,669.41	1,980.56	2,291.72	2,602.87	2,914.03
1 1/2	129.80	435.76	744.27	1,054.33	1,365.37	1,675.90	1,987.05	2,298.21	2,609.36	2,920.52
3/4	136.26	442.24	750.69	1,060.81	1,371.84	1,682.38	1,993.53	2,304.69	2,615.84	2,927.00
5	142.73	448.72	757.12	1,067.29	1,378.31	1,688.86	2,000.01	2,311.17	2,622.32	2,933.48
1 1/4	149.20	455.15	763.54	1,073.77	1,384.78	1,695.34	2,006.49	2,317.65	2,628.80	2,939.96
1 1/2	155.66	461.57	769.97	1,080.25	1,391.26	1,701.83	2,012.98	2,324.14	2,635.29	2,946.45
3/4	162.13	468.00	776.39	1,086.73	1,397.73	1,708.31	2,019.46	2,330.62	2,641.77	2,952.93
6	168.59	474.42	782.82	1,093.21	1,404.20	1,714.79	2,025.94	2,337.10	2,648.25	2,959.41
1 1/4	174.86	480.85	789.24	1,099.69	1,410.68	1,721.27	2,032.42	2,343.58	2,654.73	2,965.89
1 1/2	181.13	487.27	795.67	1,106.17	1,417.17	1,727.76	2,038.91	2,350.07	2,661.22	2,972.38
3/4	187.40	493.70	802.09	1,112.64	1,423.65	1,734.24	2,045.39	2,356.55	2,667.70	2,978.86
7	193.67	500.12	808.52	1,119.12	1,430.13	1,740.72	2,051.87	2,363.03	2,674.18	2,985.34
1 1/4	199.94	506.55	814.94	1,125.60	1,436.59	1,747.20	2,058.35	2,369.51	2,680.66	2,991.82
1 1/2	206.21	512.97	821.37	1,132.08	1,443.05	1,753.69	2,064.84	2,376.00	2,687.15	2,998.31
3/4	212.48	519.40	827.79	1,138.56	1,449.51	1,760.17	2,071.32	2,382.48	2,693.63	3,004.79
8	218.75	525.82	834.22	1,145.04	1,455.97	1,766.65	2,077.80	2,388.96	2,700.11	3,011.27
1 1/4	225.02	532.25	840.64	1,151.52	1,462.43	1,773.13	2,084.28	2,395.44	2,706.59	3,017.75
1 1/2	231.29	538.67	847.07	1,158.00	1,468.89	1,779.62	2,090.77	2,401.93	2,713.08	3,024.24
3/4	237.56	545.10	853.49	1,164.48	1,475.34	1,786.10	2,097.25	2,408.41	2,719.56	3,030.72
9	243.83	551.52	859.92	1,170.96	1,481.80	1,792.58	2,103.73	2,414.89	2,726.04	3,037.20
1 1/4	250.10	557.95	866.40	1,177.44	1,488.26	1,799.06	2,110.21	2,421.37	2,732.52	3,043.68
1 1/2	256.37	564.37	872.88	1,183.93	1,494.72	1,805.55	2,116.70	2,427.86	2,739.01	3,050.17
3/4	262.64	570.80	879.37	1,190.41	1,501.18	1,812.03	2,123.18	2,434.34	2,745.49	3,056.65
10	268.91	577.22	885.85	1,196.89	1,507.64	1,818.51	2,129.66	2,440.82	2,751.97	3,063.13
1 1/4	275.18	583.65	892.33	1,203.37	1,514.10	1,824.99	2,136.14	2,447.30	2,758.46	3,069.61
1 1/2	281.45	590.07	898.81	1,209.85	1,520.56	1,831.47	2,142.63	2,453.79	2,764.94	3,076.10
3/4	287.72	596.50	905.30	1,216.33	1,527.01	1,837.95	2,149.11	2,460.27	2,771.42	3,082.58
11	293.99	602.92	911.78	1,222.81	1,533.47	1,844.43	2,155.59	2,466.75	2,777.90	3,089.06
1 1/4	300.26	609.35	918.26	1,229.29	1,539.93	1,850.91	2,162.07	2,473.23	2,784.38	3,095.54
1 1/2	306.53	615.77	924.74	1,235.77	1,546.39	1,857.40	2,168.56	2,479.71	2,790.87	3,102.03
3/4	312.80	622.20	931.23	1,242.25	1,552.84	1,863.88	2,175.04	2,486.19	2,797.35	3,108.51

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 10" GAUGE HATCH.

GAUGE POINT: (10" HATCH) LOCATED 11'-00" OFF CENTERLINE AND 38'-10" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 9/16" ABOVE TANK BOTTOM

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77568

<http://www.pmacorp.net>



BARGE "WEB 238"

2 PORT INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-10"

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	3,114.99	0	3,426.14	0	3,737.30	0	4,046.93	0	4,356.42	0		0		0		0		0	
1/4	3,121.47	1/4	3,432.62	1/4	3,743.78	1/4	4,053.38	1/4	4,362.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,127.95	1/2	3,439.11	1/2	3,750.27	1/2	4,059.83	1/2	4,369.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,134.43	3/4	3,445.59	3/4	3,756.75	3/4	4,066.27	3/4	4,375.76	3/4		3/4		3/4		3/4		3/4	
1	3,140.91	1	3,452.07	1	3,763.23	1	4,072.72	1	4,382.21	1		1		1		1		1	
1/4	3,147.39	1/4	3,458.55	1/4	3,769.68	1/4	4,079.17	1/4	4,388.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,153.88	1/2	3,465.04	1/2	3,776.13	1/2	4,085.62	1/2	4,394.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,160.36	3/4	3,471.52	3/4	3,782.57	3/4	4,092.06	3/4	4,400.04	3/4		3/4		3/4		3/4		3/4	
2	3,166.84	2	3,478.00	2	3,789.02	2	4,098.51	2	4,405.98	2		2		2		2		2	
1/4	3,173.32	1/4	3,484.48	1/4	3,795.47	1/4	4,104.96	1/4	4,410.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,179.81	1/2	3,490.97	1/2	3,801.92	1/2	4,111.41	1/2	4,415.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,186.29	3/4	3,497.45	3/4	3,808.36	3/4	4,117.85	3/4	4,420.57	3/4		3/4		3/4		3/4		3/4	
3	3,192.77	3	3,503.93	3	3,814.81	3	4,124.30	3	4,425.43	3		3		3		3		3	
1/4	3,199.25	1/4	3,510.41	1/4	3,821.26	1/4	4,130.75	1/4	4,429.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,205.74	1/2	3,516.90	1/2	3,827.71	1/2	4,137.20	1/2	4,432.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,212.22	3/4	3,523.38	3/4	3,834.15	3/4	4,143.64	3/4	4,436.77	3/4		3/4		3/4		3/4		3/4	
4	3,218.70	4	3,529.86	4	3,840.60	4	4,150.09	4	4,440.55	4		4		4		4		4	
1/4	3,225.18	1/4	3,536.34	1/4	3,847.05	1/4	4,156.54	1/4	4,443.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,231.67	1/2	3,542.83	1/2	3,853.50	1/2	4,162.99	1/2	4,445.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,238.15	3/4	3,549.31	3/4	3,859.94	3/4	4,169.43	3/4	4,448.65	3/4		3/4		3/4		3/4		3/4	
5	3,244.63	5	3,555.79	5	3,866.39	5	4,175.88	5	4,451.35	5		5		5		5		5	
1/4	3,251.11	1/4	3,562.27	1/4	3,872.84	1/4	4,182.33	1/4	4,452.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,257.60	1/2	3,568.76	1/2	3,879.29	1/2	4,188.78	1/2	4,454.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,264.08	3/4	3,575.24	3/4	3,885.73	3/4	4,195.23	3/4	4,456.21	3/4		3/4		3/4		3/4		3/4	
6	3,270.56	6	3,581.72	6	3,892.18	6	4,201.68	6	4,457.83	6		6		6		6		6	
1/4	3,277.04	1/4	3,588.20	1/4	3,898.63	1/4	4,208.13	1/4	4,458.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,283.53	1/2	3,594.69	1/2	3,905.08	1/2	4,214.58	1/2	4,458.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,290.01	3/4	3,601.17	3/4	3,911.52	3/4	4,221.02	3/4	4,459.45	3/4		3/4		3/4		3/4		3/4	
7	3,296.49	7	3,607.65	7	3,917.97	7	4,227.47	7	4,459.99	7		7		7		7		7	
1/4	3,302.97	1/4	3,614.13	1/4	3,924.42	1/4	4,233.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,309.46	1/2	3,620.62	1/2	3,930.87	1/2	4,240.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,315.94	3/4	3,627.10	3/4	3,937.31	3/4	4,246.81	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,322.42	8	3,633.58	8	3,943.76	8	4,253.26	8		8		8		8		8		8	
1/4	3,328.90	1/4	3,640.06	1/4	3,950.21	1/4	4,259.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,335.39	1/2	3,646.55	1/2	3,956.66	1/2	4,266.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,341.87	3/4	3,653.03	3/4	3,963.10	3/4	4,272.60	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,348.35	9	3,659.51	9	3,969.55	9	4,279.05	9		9		9		9		9		9	
1/4	3,354.83	1/4	3,665.99	1/4	3,976.00	1/4	4,285.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,361.32	1/2	3,672.48	1/2	3,982.45	1/2	4,291.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,367.80	3/4	3,678.96	3/4	3,988.90	3/4	4,298.39	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,374.28	10	3,685.44	10	3,995.35	10	4,304.84	10		10		10		10		10		10	
1/4	3,380.76	1/4	3,691.92	1/4	4,001.80	1/4	4,311.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,387.25	1/2	3,698.41	1/2	4,008.25	1/2	4,317.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,393.73	3/4	3,704.89	3/4	4,014.69	3/4	4,324.18	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,400.21	11	3,711.37	11	4,021.14	11	4,330.63	11		11		11		11		11		11	
1/4	3,406.69	1/4	3,717.85	1/4	4,027.59	1/4	4,337.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,413.18	1/2	3,724.34	1/2	4,034.04	1/2	4,343.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,419.66	3/4	3,730.82	3/4	4,040.48	3/4	4,349.97	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 238"

2 STBD INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 3/4"

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	17.71	0	318.74	0	628.17	0	937.14	0	1,247.11	0	1,557.56	0	1,868.50	0	2,179.54	0	2,490.57	0	2,801.61
1/4	23.10	1/4	325.22	1/4	634.59	1/4	943.60	1/4	1,253.59	1/4	1,564.02	1/4	1,874.98	1/4	2,186.02	1/4	2,497.05	1/4	2,808.09
1/2	28.48	1/2	331.70	1/2	641.02	1/2	950.06	1/2	1,260.07	1/2	1,570.48	1/2	1,881.46	1/2	2,192.50	1/2	2,503.53	1/2	2,814.57
3/4	33.87	3/4	338.18	3/4	647.44	3/4	956.51	3/4	1,266.55	3/4	1,576.93	3/4	1,887.94	3/4	2,198.98	3/4	2,510.01	3/4	2,821.05
1	39.25	1	344.66	1	653.86	1	962.97	1	1,273.03	1	1,583.39	1	1,894.42	1	2,205.46	1	2,516.49	1	2,827.53
1 1/4	45.71	1 1/4	351.14	1 1/4	660.28	1 1/4	969.43	1 1/4	1,279.51	1 1/4	1,589.87	1 1/4	1,900.90	1 1/4	2,211.94	1 1/4	2,522.97	1 1/4	2,834.01
1 1/2	52.18	1 1/2	357.62	1 1/2	666.71	1 1/2	975.89	1 1/2	1,285.99	1 1/2	1,596.35	1 1/2	1,907.38	1 1/2	2,218.42	1 1/2	2,529.45	1 1/2	2,840.49
3/4	58.64	3/4	364.10	3/4	673.13	3/4	982.34	3/4	1,292.47	3/4	1,602.83	3/4	1,913.86	3/4	2,224.90	3/4	2,535.93	3/4	2,846.97
2	65.10	2	370.58	2	679.55	2	988.80	2	1,298.95	2	1,609.31	2	1,920.34	2	2,231.38	2	2,542.41	2	2,853.45
2 1/4	71.57	2 1/4	377.06	2 1/4	685.97	2 1/4	995.26	2 1/4	1,305.43	2 1/4	1,615.79	2 1/4	1,926.82	2 1/4	2,237.86	2 1/4	2,548.89	2 1/4	2,859.93
2 1/2	78.03	2 1/2	383.54	2 1/2	692.40	2 1/2	1,001.71	2 1/2	1,311.91	2 1/2	1,622.27	2 1/2	1,933.30	2 1/2	2,244.34	2 1/2	2,555.37	2 1/2	2,866.41
3/4	84.50	3/4	390.02	3/4	698.82	3/4	1,008.17	3/4	1,318.39	3/4	1,628.75	3/4	1,939.78	3/4	2,250.82	3/4	2,561.85	3/4	2,872.89
3	90.96	3	396.50	3	705.24	3	1,014.62	3	1,324.87	3	1,635.23	3	1,946.26	3	2,257.30	3	2,568.33	3	2,879.37
3 1/4	97.42	3 1/4	402.98	3 1/4	711.66	3 1/4	1,021.08	3 1/4	1,331.34	3 1/4	1,641.71	3 1/4	1,952.74	3 1/4	2,263.78	3 1/4	2,574.81	3 1/4	2,885.85
3 1/2	103.89	3 1/2	409.46	3 1/2	718.09	3 1/2	1,027.54	3 1/2	1,337.82	3 1/2	1,648.19	3 1/2	1,959.22	3 1/2	2,270.26	3 1/2	2,581.29	3 1/2	2,892.33
4	110.35	4	415.94	4	724.51	4	1,033.99	4	1,344.29	4	1,654.67	4	1,965.70	4	2,276.74	4	2,587.77	4	2,898.81
4 1/4	116.81	4 1/4	422.42	4 1/4	730.93	4 1/4	1,040.45	4 1/4	1,350.76	4 1/4	1,661.15	4 1/4	1,972.18	4 1/4	2,283.22	4 1/4	2,594.25	4 1/4	2,905.29
4 1/2	123.28	4 1/2	428.90	4 1/2	737.35	4 1/2	1,046.91	4 1/2	1,357.23	4 1/2	1,667.63	4 1/2	1,978.66	4 1/2	2,289.70	4 1/2	2,600.73	4 1/2	2,911.77
5	129.74	5	435.38	5	743.78	5	1,053.37	5	1,363.70	5	1,674.11	5	1,985.14	5	2,296.18	5	2,607.21	5	2,918.25
5 1/4	136.21	5 1/4	441.86	5 1/4	750.20	5 1/4	1,059.82	5 1/4	1,370.17	5 1/4	1,680.59	5 1/4	1,991.62	5 1/4	2,302.66	5 1/4	2,613.69	5 1/4	2,924.73
5 1/2	142.67	5 1/2	448.34	5 1/2	756.62	5 1/2	1,066.28	5 1/2	1,376.64	5 1/2	1,687.07	5 1/2	1,998.10	5 1/2	2,309.14	5 1/2	2,620.17	5 1/2	2,931.21
6	149.14	6	454.76	6	763.04	6	1,072.74	6	1,383.11	6	1,693.55	6	2,004.58	6	2,315.62	6	2,626.65	6	2,937.69
6 1/4	155.60	6 1/4	461.19	6 1/4	769.47	6 1/4	1,079.20	6 1/4	1,389.58	6 1/4	1,700.03	6 1/4	2,011.06	6 1/4	2,322.10	6 1/4	2,633.13	6 1/4	2,944.17
6 1/2	162.07	6 1/2	467.61	6 1/2	775.89	6 1/2	1,085.65	6 1/2	1,396.05	6 1/2	1,706.51	6 1/2	2,017.54	6 1/2	2,328.58	6 1/2	2,639.61	6 1/2	2,950.65
7	168.53	7	474.03	7	782.31	7	1,092.11	7	1,402.52	7	1,712.99	7	2,024.02	7	2,335.06	7	2,646.09	7	2,957.13
7 1/4	174.98	7 1/4	480.45	7 1/4	788.73	7 1/4	1,098.57	7 1/4	1,409.00	7 1/4	1,719.47	7 1/4	2,030.50	7 1/4	2,341.54	7 1/4	2,652.57	7 1/4	2,963.61
7 1/2	181.03	7 1/2	486.88	7 1/2	795.16	7 1/2	1,105.03	7 1/2	1,415.48	7 1/2	1,725.95	7 1/2	2,036.98	7 1/2	2,348.02	7 1/2	2,659.05	7 1/2	2,970.09
8	187.28	8	493.30	8	801.58	8	1,111.48	8	1,421.96	8	1,732.43	8	2,043.46	8	2,354.50	8	2,665.53	8	2,976.57
8 1/4	193.53	8 1/4	499.72	8 1/4	808.00	8 1/4	1,117.94	8 1/4	1,428.44	8 1/4	1,738.91	8 1/4	2,049.94	8 1/4	2,360.98	8 1/4	2,672.01	8 1/4	2,983.05
8 1/2	199.78	8 1/2	506.14	8 1/2	814.42	8 1/2	1,124.40	8 1/2	1,434.90	8 1/2	1,745.39	8 1/2	2,056.42	8 1/2	2,367.46	8 1/2	2,678.49	8 1/2	2,989.53
9	206.03	9	512.57	9	820.85	9	1,130.86	9	1,441.36	9	1,751.87	9	2,062.90	9	2,373.94	9	2,684.97	9	2,996.01
9 1/4	212.28	9 1/4	518.99	9 1/4	827.27	9 1/4	1,137.31	9 1/4	1,447.81	9 1/4	1,758.35	9 1/4	2,069.38	9 1/4	2,380.42	9 1/4	2,691.45	9 1/4	3,002.49
9 1/2	218.53	9 1/2	525.41	9 1/2	833.69	9 1/2	1,143.77	9 1/2	1,454.27	9 1/2	1,764.83	9 1/2	2,075.86	9 1/2	2,386.90	9 1/2	2,697.93	9 1/2	3,008.97
10	224.78	10	531.83	10	840.11	10	1,150.23	10	1,460.73	10	1,771.31	10	2,082.34	10	2,393.38	10	2,704.41	10	3,015.45
10 1/4	231.03	10 1/4	538.26	10 1/4	846.54	10 1/4	1,156.69	10 1/4	1,467.18	10 1/4	1,777.79	10 1/4	2,088.82	10 1/4	2,399.86	10 1/4	2,710.89	10 1/4	3,021.93
10 1/2	237.28	10 1/2	544.68	10 1/2	852.96	10 1/2	1,163.15	10 1/2	1,473.64	10 1/2	1,784.27	10 1/2	2,095.30	10 1/2	2,406.34	10 1/2	2,717.37	10 1/2	3,028.41
11	243.53	11	551.10	11	859.38	11	1,169.61	11	1,480.09	11	1,790.75	11	2,101.78	11	2,412.82	11	2,723.85	11	3,034.89
11 1/4	249.80	11 1/4	557.52	11 1/4	865.86	11 1/4	1,176.07	11 1/4	1,486.55	11 1/4	1,797.23	11 1/4	2,108.26	11 1/4	2,419.30	11 1/4	2,730.33	11 1/4	3,041.37
11 1/2	256.07	11 1/2	563.95	11 1/2	872.34	11 1/2	1,182.53	11 1/2	1,493.01	11 1/2	1,803.71	11 1/2	2,114.74	11 1/2	2,425.78	11 1/2	2,736.81	11 1/2	3,047.85
12	262.33	12	570.37	12	878.82	12	1,188.98	12	1,499.46	12	1,810.18	12	2,121.22	12	2,432.26	12	2,743.29	12	3,054.33
12 1/4	268.60	12 1/4	576.79	12 1/4	885.30	12 1/4	1,195.44	12 1/4	1,505.92	12 1/4	1,816.66	12 1/4	2,127.70	12 1/4	2,438.74	12 1/4	2,749.77	12 1/4	3,060.81
12 1/2	274.87	12 1/2	583.21	12 1/2	891.78	12 1/2	1,201.90	12 1/2	1,512.38	12 1/2	1,823.14	12 1/2	2,134.18	12 1/2	2,445.22	12 1/2	2,756.25	12 1/2	3,067.29
13	281.14	13	589.64	13	898.26	13	1,208.36	13	1,518.83	13	1,829.62	13	2,140.66	13	2,451.70	13	2,762.73	13	3,073.77
13 1/4	287.40	13 1/4	596.06	13 1/4	904.74	13 1/4	1,214.82	13 1/4	1,525.29	13 1/4	1,836.10	13 1/4	2,147.14	13 1/4	2,458.17	13 1/4	2,769.21	13 1/4	3,080.25
13 1/2	293.67	13 1/2	602.48	13 1/2	911.22	13 1/2	1,221.28	13 1/2	1,531.74	13 1/2	1,842.58	13 1/2	2,153.62	13 1/2	2,464.65	13 1/2	2,775.69	13 1/2	3,086.73
14	299.94	14	608.90	14	917.70	14	1,227.74	14	1,538.20	14	1,849.06	14	2,160.10	14	2,471.13	14	2,782.17	14	3,093.21
14 1/4	306.21	14 1/4	615.33	14 1/4	924.18	14 1/4	1,234.20	14 1/4	1,544.65	14 1/4	1,855.54	14 1/4	2,166.58	14 1/4	2,477.61	14 1/4	2,788.65	14 1/4	3,099.69
14 1/2	312.47	14 1/2	621.75	14 1/2	930.66	14 1/2	1,240.65	14 1/2	1,551.11	14 1/2	1,862.02	14 1/2	2,173.06	14 1/2	2,484.09	14 1/2	2,795.13	14 1/2	3,106.16

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 10" GAUGE HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 11'-00" OFF CENTERLINE AND 38'-10" FORWARD OF AFT BULKHEAD.
 CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 9/16" ABOVE TANK BOTTOM

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



BARGE "WEB 238"

2 STBD
INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 3/4"

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	3,112.64	0	3,423.68	0	3,734.72	0	4,044.23	0	4,353.60	0		0		0		0		0	
1/4	3,119.12	1/4	3,430.16	1/4	3,741.20	1/4	4,050.68	1/4	4,360.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,125.60	1/2	3,436.64	1/2	3,747.68	1/2	4,057.12	1/2	4,366.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,132.08	3/4	3,443.12	3/4	3,754.15	3/4	4,063.57	3/4	4,372.94	3/4		3/4		3/4		3/4		3/4	
1	3,138.56	1	3,449.60	1	3,760.63	1	4,070.01	1	4,379.38	1		1		1		1		1	
1 1/4	3,145.04	1 1/4	3,456.08	1 1/4	3,767.08	1 1/4	4,076.46	1 1/4	4,385.32	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,151.52	1 1/2	3,462.56	1 1/2	3,773.53	1 1/2	4,082.90	1 1/2	4,391.26	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,158.00	3/4	3,469.04	3/4	3,779.97	3/4	4,089.35	3/4	4,397.20	3/4		3/4		3/4		3/4		3/4	
2	3,164.48	2	3,475.52	2	3,786.42	2	4,095.79	2	4,403.14	2		2		2		2		2	
1 1/4	3,170.96	1 1/4	3,482.00	1 1/4	3,792.87	1 1/4	4,102.24	1 1/4	4,408.00	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,177.44	1 1/2	3,488.48	1 1/2	3,799.31	1 1/2	4,108.68	1 1/2	4,412.86	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,183.92	3/4	3,494.96	3/4	3,805.76	3/4	4,115.13	3/4	4,417.72	3/4		3/4		3/4		3/4		3/4	
3	3,190.40	3	3,501.44	3	3,812.20	3	4,121.57	3	4,422.58	3		3		3		3		3	
1 1/4	3,196.88	1 1/4	3,507.92	1 1/4	3,818.65	1 1/4	4,128.02	1 1/4	4,426.36	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,203.36	1 1/2	3,514.40	1 1/2	3,825.09	1 1/2	4,134.46	1 1/2	4,430.14	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,209.84	3/4	3,520.88	3/4	3,831.54	3/4	4,140.91	3/4	4,433.92	3/4		3/4		3/4		3/4		3/4	
4	3,216.32	4	3,527.36	4	3,837.98	4	4,147.35	4	4,437.70	4		4		4		4		4	
1 1/4	3,222.80	1 1/4	3,533.84	1 1/4	3,844.43	1 1/4	4,153.80	1 1/4	4,440.40	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,229.28	1 1/2	3,540.32	1 1/2	3,850.87	1 1/2	4,160.24	1 1/2	4,443.10	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,235.76	3/4	3,546.80	3/4	3,857.32	3/4	4,166.69	3/4	4,445.80	3/4		3/4		3/4		3/4		3/4	
5	3,242.24	5	3,553.28	5	3,863.76	5	4,173.13	5	4,448.50	5		5		5		5		5	
1 1/4	3,248.72	1 1/4	3,559.76	1 1/4	3,870.21	1 1/4	4,179.58	1 1/4	4,450.12	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,255.20	1 1/2	3,566.24	1 1/2	3,876.65	1 1/2	4,186.03	1 1/2	4,451.74	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,261.68	3/4	3,572.72	3/4	3,883.10	3/4	4,192.47	3/4	4,453.35	3/4		3/4		3/4		3/4		3/4	
6	3,268.16	6	3,579.20	6	3,889.54	6	4,198.92	6	4,454.97	6		6		6		6		6	
1 1/4	3,274.64	1 1/4	3,585.68	1 1/4	3,895.99	1 1/4	4,205.37	1 1/4	4,455.51	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,281.12	1 1/2	3,592.16	1 1/2	3,902.43	1 1/2	4,211.81	1 1/2	4,456.05	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,287.60	3/4	3,598.64	3/4	3,908.88	3/4	4,218.26	3/4	4,456.59	3/4		3/4		3/4		3/4		3/4	
7	3,294.08	7	3,605.12	7	3,915.32	7	4,224.70	7	4,457.13	7		7		7		7		7	
1 1/4	3,300.56	1 1/4	3,611.60	1 1/4	3,921.77	1 1/4	4,231.15	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,307.04	1 1/2	3,618.08	1 1/2	3,928.21	1 1/2	4,237.59	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,313.52	3/4	3,624.56	3/4	3,934.66	3/4	4,244.04	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,320.00	8	3,631.04	8	3,941.10	8	4,250.48	8		8		8		8		8		8	
1 1/4	3,326.48	1 1/4	3,637.52	1 1/4	3,947.55	1 1/4	4,256.93	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,332.96	1 1/2	3,644.00	1 1/2	3,953.99	1 1/2	4,263.37	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,339.44	3/4	3,650.48	3/4	3,960.44	3/4	4,269.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,345.92	9	3,656.96	9	3,966.88	9	4,276.26	9		9		9		9		9		9	
1 1/4	3,352.40	1 1/4	3,663.44	1 1/4	3,973.33	1 1/4	4,282.71	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,358.88	1 1/2	3,669.92	1 1/2	3,979.78	1 1/2	4,289.15	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,365.36	3/4	3,676.40	3/4	3,986.22	3/4	4,295.60	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,371.84	10	3,682.88	10	3,992.67	10	4,302.04	10		10		10		10		10		10	
1 1/4	3,378.32	1 1/4	3,689.36	1 1/4	3,999.12	1 1/4	4,308.49	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,384.80	1 1/2	3,695.84	1 1/2	4,005.56	1 1/2	4,314.93	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,391.28	3/4	3,702.32	3/4	4,012.01	3/4	4,321.38	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,397.76	11	3,708.80	11	4,018.45	11	4,327.82	11		11		11		11		11		11	
1 1/4	3,404.24	1 1/4	3,715.28	1 1/4	4,024.90	1 1/4	4,334.27	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	3,410.72	1 1/2	3,721.76	1 1/2	4,031.34	1 1/2	4,340.71	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	3,417.20	3/4	3,728.24	3/4	4,037.79	3/4	4,347.16	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES.
ALL PRIOR TO 07/2012

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



BARGE "WEB 238"

3 PORT INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-10 1/4"

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	17.65	0	317.68	0	626.11	0	934.06	0	1,243.02	0	1,552.46	0	1,862.39	0	2,172.41	0	2,482.43	0	2,792.45
1/4	23.02	1/4	324.14	1/4	632.51	1/4	940.50	1/4	1,249.48	1/4	1,558.90	1/4	1,868.85	1/4	2,178.87	1/4	2,488.89	1/4	2,798.91
1/2	28.39	1/2	330.60	1/2	638.91	1/2	946.93	1/2	1,255.94	1/2	1,565.33	1/2	1,875.31	1/2	2,185.33	1/2	2,495.35	1/2	2,805.37
3/4	33.75	3/4	337.06	3/4	645.31	3/4	953.37	3/4	1,262.39	3/4	1,571.77	3/4	1,881.76	3/4	2,191.78	3/4	2,501.81	3/4	2,811.83
1	39.12	1	343.52	1	651.71	1	959.80	1	1,268.85	1	1,578.20	1	1,888.22	1	2,198.24	1	2,508.27	1	2,818.29
1 1/4	45.56	1 1/4	349.98	1 1/4	658.11	1 1/4	966.24	1 1/4	1,275.31	1 1/4	1,584.66	1 1/4	1,894.68	1 1/4	2,204.70	1 1/4	2,514.73	1 1/4	2,824.75
1 1/2	52.01	1 1/2	356.44	1 1/2	664.51	1 1/2	972.68	1 1/2	1,281.77	1 1/2	1,591.12	1 1/2	1,901.14	1 1/2	2,211.16	1 1/2	2,521.19	1 1/2	2,831.21
3/4	58.45	3/4	362.90	3/4	670.92	3/4	979.11	3/4	1,288.23	3/4	1,597.57	3/4	1,907.60	3/4	2,217.62	3/4	2,527.64	3/4	2,837.66
2	64.89	2	369.36	2	677.32	2	985.55	2	1,294.69	2	1,604.03	2	1,914.06	2	2,224.08	2	2,534.10	2	2,844.12
2 1/4	71.33	2 1/4	375.82	2 1/4	683.72	2 1/4	991.98	2 1/4	1,301.15	2 1/4	1,610.49	2 1/4	1,920.52	2 1/4	2,230.54	2 1/4	2,540.56	2 1/4	2,850.58
1 1/2	77.78	1 1/2	382.28	1 1/2	690.12	1 1/2	998.42	1 1/2	1,307.61	1 1/2	1,616.95	1 1/2	1,926.98	1 1/2	2,237.00	1 1/2	2,547.02	1 1/2	2,857.04
3/4	84.22	3/4	388.73	3/4	696.52	3/4	1,004.86	3/4	1,314.07	3/4	1,623.41	3/4	1,933.43	3/4	2,243.45	3/4	2,553.48	3/4	2,863.50
3	90.66	3	395.19	3	702.92	3	1,011.29	3	1,320.53	3	1,629.87	3	1,939.89	3	2,249.91	3	2,559.94	3	2,869.96
1 1/4	97.10	1 1/4	401.65	1 1/4	709.32	1 1/4	1,017.73	1 1/4	1,326.98	1 1/4	1,636.33	1 1/4	1,946.35	1 1/4	2,256.37	1 1/4	2,566.40	1 1/4	2,876.42
1 1/2	103.55	1 1/2	408.11	1 1/2	715.72	1 1/2	1,024.17	1 1/2	1,333.43	1 1/2	1,642.79	1 1/2	1,952.81	1 1/2	2,262.83	1 1/2	2,572.86	1 1/2	2,882.88
3/4	109.99	3/4	414.57	3/4	722.13	3/4	1,030.60	3/4	1,339.87	3/4	1,649.24	3/4	1,959.27	3/4	2,269.29	3/4	2,579.31	3/4	2,889.33
4	116.43	4	421.03	4	728.53	4	1,037.04	4	1,346.32	4	1,655.70	4	1,965.73	4	2,275.75	4	2,585.77	4	2,895.79
1 1/4	122.88	1 1/4	427.49	1 1/4	734.93	1 1/4	1,043.48	1 1/4	1,352.77	1 1/4	1,662.16	1 1/4	1,972.19	1 1/4	2,282.21	1 1/4	2,592.23	1 1/4	2,902.25
1 1/2	129.32	1 1/2	433.95	1 1/2	741.33	1 1/2	1,049.91	1 1/2	1,359.22	1 1/2	1,668.62	1 1/2	1,978.65	1 1/2	2,288.67	1 1/2	2,598.69	1 1/2	2,908.71
3/4	135.77	3/4	440.41	3/4	747.73	3/4	1,056.35	3/4	1,365.67	3/4	1,675.08	3/4	1,985.10	3/4	2,295.12	3/4	2,605.15	3/4	2,915.17
5	142.21	5	446.87	5	754.13	5	1,062.78	5	1,372.12	5	1,681.54	5	1,991.56	5	2,301.58	5	2,611.61	5	2,921.63
1 1/4	148.65	1 1/4	453.27	1 1/4	760.53	1 1/4	1,069.22	1 1/4	1,378.57	1 1/4	1,688.00	1 1/4	1,998.02	1 1/4	2,308.04	1 1/4	2,618.07	1 1/4	2,928.09
1 1/2	155.10	1 1/2	459.67	1 1/2	766.93	1 1/2	1,075.66	1 1/2	1,385.02	1 1/2	1,694.46	1 1/2	2,004.48	1 1/2	2,314.50	1 1/2	2,624.53	1 1/2	2,934.55
3/4	161.54	3/4	466.07	3/4	773.34	3/4	1,082.09	3/4	1,391.47	3/4	1,700.91	3/4	2,010.94	3/4	2,320.96	3/4	2,630.98	3/4	2,941.00
6	167.98	6	472.47	6	779.74	6	1,088.53	6	1,397.92	6	1,707.37	6	2,017.40	6	2,327.42	6	2,637.44	6	2,947.46
1 1/4	174.21	1 1/4	478.87	1 1/4	786.14	1 1/4	1,094.97	1 1/4	1,404.38	1 1/4	1,713.83	1 1/4	2,023.86	1 1/4	2,333.88	1 1/4	2,643.90	1 1/4	2,953.92
1 1/2	180.44	1 1/2	485.27	1 1/2	792.54	1 1/2	1,101.40	1 1/2	1,410.84	1 1/2	1,720.29	1 1/2	2,030.32	1 1/2	2,340.34	1 1/2	2,650.36	1 1/2	2,960.38
3/4	186.66	3/4	491.68	3/4	798.94	3/4	1,107.84	3/4	1,417.30	3/4	1,726.75	3/4	2,036.77	3/4	2,346.79	3/4	2,656.82	3/4	2,966.84
7	192.89	7	498.08	7	805.34	7	1,114.27	7	1,423.76	7	1,733.21	7	2,043.23	7	2,353.25	7	2,663.28	7	2,973.30
1 1/4	199.12	1 1/4	504.48	1 1/4	811.74	1 1/4	1,120.71	1 1/4	1,430.20	1 1/4	1,739.67	1 1/4	2,049.69	1 1/4	2,359.71	1 1/4	2,669.74	1 1/4	2,979.76
1 1/2	205.35	1 1/2	510.88	1 1/2	818.15	1 1/2	1,127.14	1 1/2	1,436.63	1 1/2	1,746.13	1 1/2	2,056.15	1 1/2	2,366.17	1 1/2	2,676.20	1 1/2	2,986.22
3/4	211.58	3/4	517.28	3/4	824.55	3/4	1,133.58	3/4	1,443.07	3/4	1,752.58	3/4	2,062.61	3/4	2,372.63	3/4	2,682.65	3/4	2,992.67
8	217.81	8	523.68	8	830.95	8	1,140.01	8	1,449.50	8	1,759.04	8	2,069.07	8	2,379.09	8	2,689.11	8	2,999.13
1 1/4	224.04	1 1/4	530.08	1 1/4	837.35	1 1/4	1,146.45	1 1/4	1,455.94	1 1/4	1,765.50	1 1/4	2,075.53	1 1/4	2,385.55	1 1/4	2,695.57	1 1/4	3,005.59
1 1/2	230.27	1 1/2	536.48	1 1/2	843.75	1 1/2	1,152.89	1 1/2	1,462.37	1 1/2	1,771.96	1 1/2	2,081.99	1 1/2	2,392.01	1 1/2	2,702.03	1 1/2	3,012.05
3/4	236.50	3/4	542.89	3/4	850.15	3/4	1,159.33	3/4	1,468.81	3/4	1,778.42	3/4	2,088.44	3/4	2,398.46	3/4	2,708.49	3/4	3,018.51
9	242.73	9	549.29	9	856.55	9	1,165.77	9	1,475.24	9	1,784.88	9	2,094.90	9	2,404.92	9	2,714.95	9	3,024.97
1 1/4	248.98	1 1/4	555.69	1 1/4	863.01	1 1/4	1,172.21	1 1/4	1,481.68	1 1/4	1,791.34	1 1/4	2,101.36	1 1/4	2,411.38	1 1/4	2,721.41	1 1/4	3,031.43
1 1/2	255.23	1 1/2	562.09	1 1/2	869.47	1 1/2	1,178.65	1 1/2	1,488.11	1 1/2	1,797.80	1 1/2	2,107.82	1 1/2	2,417.84	1 1/2	2,727.87	1 1/2	3,037.89
3/4	261.47	3/4	568.49	3/4	875.93	3/4	1,185.08	3/4	1,494.55	3/4	1,804.25	3/4	2,114.28	3/4	2,424.30	3/4	2,734.32	3/4	3,044.34
10	267.72	10	574.89	10	882.39	10	1,191.52	10	1,500.98	10	1,810.71	10	2,120.74	10	2,430.76	10	2,740.78	10	3,050.80
1 1/4	273.97	1 1/4	581.29	1 1/4	888.85	1 1/4	1,197.96	1 1/4	1,507.42	1 1/4	1,817.17	1 1/4	2,127.20	1 1/4	2,437.22	1 1/4	2,747.24	1 1/4	3,057.26
1 1/2	280.21	1 1/2	587.69	1 1/2	895.31	1 1/2	1,204.40	1 1/2	1,513.85	1 1/2	1,823.63	1 1/2	2,133.66	1 1/2	2,443.68	1 1/2	2,753.70	1 1/2	3,063.72
3/4	286.46	3/4	594.10	3/4	901.76	3/4	1,210.83	3/4	1,520.29	3/4	1,830.09	3/4	2,140.11	3/4	2,450.13	3/4	2,760.16	3/4	3,070.18
11	292.70	11	600.50	11	908.22	11	1,217.27	11	1,526.72	11	1,836.55	11	2,146.57	11	2,456.59	11	2,766.62	11	3,076.64
1 1/4	298.95	1 1/4	606.90	1 1/4	914.68	1 1/4	1,223.71	1 1/4	1,533.16	1 1/4	1,843.01	1 1/4	2,153.03	1 1/4	2,463.05	1 1/4	2,773.08	1 1/4	3,083.10
1 1/2	305.19	1 1/2	613.30	1 1/2	921.14	1 1/2	1,230.15	1 1/2	1,539.59	1 1/2	1,849.47	1 1/2	2,159.49	1 1/2	2,469.51	1 1/2	2,779.54	1 1/2	3,089.56
3/4	311.44	3/4	619.71	3/4	927.60	3/4	1,236.58	3/4	1,546.03	3/4	1,855.93	3/4	2,165.95	3/4	2,475.97	3/4	2,785.99	3/4	3,096.01

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 10" GAUGE HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 11'-00" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.
 CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 9/16" ABOVE TANK BOTTOM

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 238"

3 PORT INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-10 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	3,102.47	0	3,412.50	0	3,722.52	0	4,031.02	0	4,339.38	0	0	0	0	0	0	0	0	0	0
1/4	3,108.93	1/4	3,418.96	1/4	3,728.98	1/4	4,037.45	1/4	4,345.81	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,115.39	1/2	3,425.42	1/2	3,735.44	1/2	4,043.87	1/2	4,352.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,121.85	3/4	3,431.87	3/4	3,741.89	3/4	4,050.30	3/4	4,358.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,128.31	1	3,438.33	1	3,748.35	1	4,056.72	1	4,365.08	1	1	1	1	1	1	1	1	1	1
1 1/4	3,134.77	1 1/4	3,444.79	1 1/4	3,754.78	1 1/4	4,063.14	1 1/4	4,371.00	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,141.23	1 1/2	3,451.25	1 1/2	3,761.20	1 1/2	4,069.57	1 1/2	4,376.92	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,147.68	3 1/4	3,457.71	3 1/4	3,767.63	3 1/4	4,075.99	3 1/4	4,382.84	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
2	3,154.14	2	3,464.17	2	3,774.05	2	4,082.41	2	4,388.76	2	2	2	2	2	2	2	2	2	2
1 1/4	3,160.60	1 1/4	3,470.63	1 1/4	3,780.48	1 1/4	4,088.84	1 1/4	4,393.61	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,167.06	1 1/2	3,477.09	1 1/2	3,786.90	1 1/2	4,095.26	1 1/2	4,398.45	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,173.52	3 1/4	3,483.54	3 1/4	3,793.33	3 1/4	4,101.69	3 1/4	4,403.30	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3	3,179.98	3	3,490.00	3	3,799.75	3	4,108.11	3	4,408.14	3	3	3	3	3	3	3	3	3	3
1 1/4	3,186.44	1 1/4	3,496.46	1 1/4	3,806.17	1 1/4	4,114.54	1 1/4	4,411.91	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,192.90	1 1/2	3,502.92	1 1/2	3,812.60	1 1/2	4,120.96	1 1/2	4,415.67	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,199.36	3 1/4	3,509.38	3 1/4	3,819.02	3 1/4	4,127.39	3 1/4	4,419.44	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
4	3,205.82	4	3,515.84	4	3,825.44	4	4,133.81	4	4,423.20	4	4	4	4	4	4	4	4	4	4
1 1/4	3,212.28	1 1/4	3,522.30	1 1/4	3,831.87	1 1/4	4,140.23	1 1/4	4,425.89	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,218.74	1 1/2	3,528.76	1 1/2	3,838.29	1 1/2	4,146.66	1 1/2	4,428.68	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,225.19	3 1/4	3,535.21	3 1/4	3,844.72	3 1/4	4,153.08	3 1/4	4,431.27	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
5	3,231.65	5	3,541.67	5	3,851.14	5	4,159.50	5	4,433.96	5	5	5	5	5	5	5	5	5	5
1 1/4	3,238.11	1 1/4	3,548.13	1 1/4	3,857.57	1 1/4	4,165.93	1 1/4	4,435.58	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,244.57	1 1/2	3,554.59	1 1/2	3,863.99	1 1/2	4,172.35	1 1/2	4,437.19	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,251.03	3 1/4	3,561.05	3 1/4	3,870.42	3 1/4	4,178.78	3 1/4	4,438.81	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
6	3,257.49	6	3,567.51	6	3,876.84	6	4,185.20	6	4,440.42	6	6	6	6	6	6	6	6	6	6
1 1/4	3,263.95	1 1/4	3,573.97	1 1/4	3,883.27	1 1/4	4,191.63	1 1/4	4,440.96	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,270.41	1 1/2	3,580.43	1 1/2	3,889.69	1 1/2	4,198.05	1 1/2	4,441.50	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,276.86	3 1/4	3,586.88	3 1/4	3,896.12	3 1/4	4,204.48	3 1/4	4,442.03	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
7	3,283.32	7	3,593.34	7	3,902.54	7	4,210.90	7	4,442.57	7	7	7	7	7	7	7	7	7	7
1 1/4	3,289.78	1 1/4	3,599.80	1 1/4	3,908.96	1 1/4	4,217.32	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,296.24	1 1/2	3,606.26	1 1/2	3,915.39	1 1/2	4,223.75	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,302.70	3 1/4	3,612.72	3 1/4	3,921.81	3 1/4	4,230.17	3 1/4		3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
8	3,309.16	8	3,619.18	8	3,928.23	8	4,236.59	8		8	8	8	8	8	8	8	8	8	8
1 1/4	3,315.62	1 1/4	3,625.64	1 1/4	3,934.66	1 1/4	4,243.02	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,322.08	1 1/2	3,632.10	1 1/2	3,941.08	1 1/2	4,249.44	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,328.53	3 1/4	3,638.55	3 1/4	3,947.51	3 1/4	4,255.87	3 1/4		3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
9	3,334.99	9	3,645.01	9	3,953.93	9	4,262.29	9		9	9	9	9	9	9	9	9	9	9
1 1/4	3,341.45	1 1/4	3,651.47	1 1/4	3,960.36	1 1/4	4,268.72	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,347.91	1 1/2	3,657.93	1 1/2	3,966.78	1 1/2	4,275.14	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,354.37	3 1/4	3,664.39	3 1/4	3,973.21	3 1/4	4,281.57	3 1/4		3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
10	3,360.83	10	3,670.85	10	3,979.63	10	4,287.99	10		10	10	10	10	10	10	10	10	10	10
1 1/4	3,367.29	1 1/4	3,677.31	1 1/4	3,986.05	1 1/4	4,294.41	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,373.75	1 1/2	3,683.77	1 1/2	3,992.48	1 1/2	4,300.84	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,380.20	3 1/4	3,690.22	3 1/4	3,998.90	3 1/4	4,307.26	3 1/4		3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
11	3,386.66	11	3,696.68	11	4,005.32	11	4,313.68	11		11	11	11	11	11	11	11	11	11	11
1 1/4	3,393.12	1 1/4	3,703.14	1 1/4	4,011.75	1 1/4	4,320.11	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	3,399.58	1 1/2	3,709.60	1 1/2	4,018.17	1 1/2	4,326.53	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3 1/4	3,406.04	3 1/4	3,716.06	3 1/4	4,024.60	3 1/4	4,332.96	3 1/4		3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 238"

3 STBD INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT: 14'-09-7/8"

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	17.72	0	318.84	0	628.38	0	937.44	0	1,248.45	0	1,559.00	0	1,870.04	0	2,181.18	0	2,492.32	0	2,803.45
1/4	23.11	1/4	325.32	1/4	634.81	1/4	943.92	1/4	1,254.93	1/4	1,565.46	1/4	1,876.52	1/4	2,187.66	1/4	2,498.80	1/4	2,809.93
1/2	28.49	1/2	331.81	1/2	641.23	1/2	950.40	1/2	1,261.42	1/2	1,571.92	1/2	1,883.01	1/2	2,194.15	1/2	2,505.28	1/2	2,816.42
3/4	33.88	3/4	338.29	3/4	647.66	3/4	956.88	3/4	1,267.90	3/4	1,578.38	3/4	1,889.49	3/4	2,200.63	3/4	2,511.76	3/4	2,822.90
1	39.26	1	344.77	1	654.08	1	963.36	1	1,274.38	1	1,584.84	1	1,896.97	1	2,207.11	1	2,518.24	1	2,829.38
1/4	45.73	1/4	351.25	1/4	660.50	1/4	969.84	1/4	1,280.86	1/4	1,591.32	1/4	1,902.45	1/4	2,213.59	1/4	2,524.72	1/4	2,835.86
1/2	52.19	1/2	357.74	1/2	666.93	1/2	976.31	1/2	1,287.35	1/2	1,597.80	1/2	1,908.94	1/2	2,220.08	1/2	2,531.21	1/2	2,842.35
3/4	58.66	3/4	364.22	3/4	673.35	3/4	982.79	3/4	1,293.83	3/4	1,604.28	3/4	1,915.42	3/4	2,226.56	3/4	2,537.69	3/4	2,848.83
2	65.12	2	370.70	2	679.78	2	989.27	2	1,300.31	2	1,610.76	2	1,921.90	2	2,233.04	2	2,544.17	2	2,855.31
1/4	71.59	1/4	377.18	1/4	686.20	1/4	995.75	1/4	1,306.79	1/4	1,617.24	1/4	1,928.38	1/4	2,239.52	1/4	2,550.65	1/4	2,861.79
1/2	78.06	1/2	383.67	1/2	692.62	1/2	1,002.23	1/2	1,313.28	1/2	1,623.73	1/2	1,934.87	1/2	2,246.00	1/2	2,557.14	1/2	2,868.28
3/4	84.52	3/4	390.15	3/4	699.05	3/4	1,008.71	3/4	1,319.76	3/4	1,630.21	3/4	1,941.35	3/4	2,252.48	3/4	2,563.62	3/4	2,874.76
3	90.99	3	396.63	3	705.47	3	1,015.19	3	1,326.24	3	1,636.69	3	1,947.83	3	2,258.96	3	2,570.10	3	2,881.24
1/4	97.46	1/4	403.11	1/4	711.89	1/4	1,021.67	1/4	1,332.71	1/4	1,643.17	1/4	1,954.31	1/4	2,265.44	1/4	2,576.58	1/4	2,887.72
1/2	103.92	1/2	409.60	1/2	718.32	1/2	1,028.15	1/2	1,339.19	1/2	1,649.66	1/2	1,960.80	1/2	2,271.93	1/2	2,583.07	1/2	2,894.20
3/4	110.39	3/4	416.08	3/4	724.74	3/4	1,034.62	3/4	1,345.66	3/4	1,656.14	3/4	1,967.28	3/4	2,278.41	3/4	2,589.55	3/4	2,900.68
4	116.85	4	422.56	4	731.17	4	1,041.10	4	1,352.13	4	1,662.62	4	1,973.76	4	2,284.89	4	2,596.03	4	2,907.16
1/4	123.32	1/4	429.04	1/4	737.59	1/4	1,047.58	1/4	1,358.60	1/4	1,669.10	1/4	1,980.24	1/4	2,291.37	1/4	2,602.51	1/4	2,913.64
1/2	129.79	1/2	435.53	1/2	744.02	1/2	1,054.06	1/2	1,365.08	1/2	1,675.59	1/2	1,986.72	1/2	2,297.86	1/2	2,609.00	1/2	2,920.13
3/4	136.25	3/4	442.01	3/4	750.44	3/4	1,060.54	3/4	1,371.55	3/4	1,682.07	3/4	1,993.20	3/4	2,304.34	3/4	2,615.48	3/4	2,926.61
5	142.72	5	448.49	5	756.87	5	1,067.02	5	1,378.02	5	1,688.55	5	1,999.68	5	2,310.82	5	2,621.96	5	2,933.09
1/4	149.19	1/4	454.92	1/4	763.29	1/4	1,073.50	1/4	1,384.49	1/4	1,695.03	1/4	2,006.16	1/4	2,317.30	1/4	2,628.44	1/4	2,939.57
1/2	155.65	1/2	461.34	1/2	769.72	1/2	1,079.98	1/2	1,390.97	1/2	1,701.52	1/2	2,012.65	1/2	2,323.79	1/2	2,634.92	1/2	2,946.06
3/4	162.12	3/4	467.77	3/4	776.14	3/4	1,086.45	3/4	1,397.44	3/4	1,708.00	3/4	2,019.13	3/4	2,330.27	3/4	2,641.40	3/4	2,952.54
6	168.58	6	474.19	6	782.57	6	1,092.93	6	1,403.91	6	1,714.48	6	2,025.61	6	2,336.75	6	2,647.88	6	2,959.02
1/4	174.83	1/4	480.62	1/4	788.99	1/4	1,099.41	1/4	1,410.39	1/4	1,720.96	1/4	2,032.09	1/4	2,343.23	1/4	2,654.36	1/4	2,965.50
1/2	181.09	1/2	487.04	1/2	795.42	1/2	1,105.89	1/2	1,416.88	1/2	1,727.44	1/2	2,038.58	1/2	2,349.72	1/2	2,660.85	1/2	2,971.99
3/4	187.34	3/4	493.47	3/4	801.84	3/4	1,112.37	3/4	1,423.36	3/4	1,733.92	3/4	2,045.06	3/4	2,356.20	3/4	2,667.33	3/4	2,978.47
7	193.59	7	499.89	7	808.27	7	1,118.85	7	1,429.84	7	1,740.40	7	2,051.54	7	2,362.68	7	2,673.81	7	2,984.95
1/4	199.84	1/4	506.32	1/4	814.69	1/4	1,125.33	1/4	1,436.30	1/4	1,746.88	1/4	2,058.02	1/4	2,369.16	1/4	2,680.29	1/4	2,991.43
1/2	206.10	1/2	512.74	1/2	821.11	1/2	1,131.81	1/2	1,442.76	1/2	1,753.37	1/2	2,064.51	1/2	2,375.64	1/2	2,686.78	1/2	2,997.92
3/4	212.35	3/4	519.17	3/4	827.54	3/4	1,138.29	3/4	1,449.21	3/4	1,759.85	3/4	2,070.99	3/4	2,382.12	3/4	2,693.26	3/4	3,004.40
8	218.60	8	525.59	8	833.96	8	1,144.77	8	1,455.67	8	1,766.33	8	2,077.47	8	2,388.60	8	2,699.74	8	3,010.88
1/4	224.85	1/4	532.01	1/4	840.38	1/4	1,151.25	1/4	1,462.13	1/4	1,772.81	1/4	2,083.95	1/4	2,395.08	1/4	2,706.22	1/4	3,017.36
1/2	231.11	1/2	538.44	1/2	846.81	1/2	1,157.73	1/2	1,468.59	1/2	1,779.30	1/2	2,090.44	1/2	2,401.57	1/2	2,712.71	1/2	3,023.84
3/4	237.36	3/4	544.86	3/4	853.23	3/4	1,164.21	3/4	1,475.05	3/4	1,785.78	3/4	2,096.92	3/4	2,408.05	3/4	2,719.19	3/4	3,030.32
9	243.61	9	551.28	9	859.66	9	1,170.69	9	1,481.51	9	1,792.26	9	2,103.40	9	2,414.53	9	2,725.67	9	3,036.80
1/4	249.88	1/4	557.71	1/4	866.14	1/4	1,177.17	1/4	1,487.97	1/4	1,798.74	1/4	2,109.88	1/4	2,421.01	1/4	2,732.15	1/4	3,043.28
1/2	256.15	1/2	564.13	1/2	872.62	1/2	1,183.65	1/2	1,494.43	1/2	1,805.23	1/2	2,116.36	1/2	2,427.50	1/2	2,738.64	1/2	3,049.77
3/4	262.42	3/4	570.56	3/4	879.11	3/4	1,190.13	3/4	1,500.88	3/4	1,811.71	3/4	2,122.84	3/4	2,433.98	3/4	2,745.12	3/4	3,056.25
10	268.69	10	576.98	10	885.59	10	1,196.61	10	1,507.34	10	1,818.19	10	2,129.32	10	2,440.46	10	2,751.60	10	3,062.73
1/4	274.96	1/4	583.41	1/4	892.07	1/4	1,203.09	1/4	1,513.80	1/4	1,824.67	1/4	2,135.80	1/4	2,446.94	1/4	2,758.08	1/4	3,069.21
1/2	281.23	1/2	589.83	1/2	898.55	1/2	1,209.57	1/2	1,520.26	1/2	1,831.16	1/2	2,142.29	1/2	2,453.43	1/2	2,764.56	1/2	3,075.70
3/4	287.50	3/4	596.26	3/4	905.04	3/4	1,216.05	3/4	1,526.71	3/4	1,837.64	3/4	2,148.77	3/4	2,459.91	3/4	2,771.04	3/4	3,082.18
11	293.77	11	602.68	11	911.52	11	1,222.53	11	1,533.17	11	1,844.12	11	2,155.25	11	2,466.39	11	2,777.52	11	3,088.66
1/4	300.04	1/4	609.11	1/4	918.00	1/4	1,229.01	1/4	1,539.63	1/4	1,850.60	1/4	2,161.73	1/4	2,472.87	1/4	2,784.00	1/4	3,095.14
1/2	306.31	1/2	615.53	1/2	924.48	1/2	1,235.49	1/2	1,546.09	1/2	1,857.08	1/2	2,168.22	1/2	2,479.36	1/2	2,790.49	1/2	3,101.63
3/4	312.57	3/4	621.96	3/4	930.96	3/4	1,241.97	3/4	1,552.54	3/4	1,863.56	3/4	2,174.70	3/4	2,485.84	3/4	2,796.97	3/4	3,108.11

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 10" GAUGE HATCH.
GAUGE POINT: (10" HATCH) LOCATED 11'-00" OFF CENTERLINE AND 38'-06" FORWARD OF AFT BULKHEAD.
CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 9/16" ABOVE TANK BOTTOM

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 238"

3 STBD INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 14'-09 7/8"

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	3,114.59	0	3,425.72	0	3,736.86	0	4,046.47	0	4,355.95	0		0		0					
1/4	3,121.07	1/4	3,432.20	1/4	3,743.34	1/4	4,052.92	1/4	4,362.40	1/4		1/4		1/4					
1/2	3,127.56	1/2	3,438.69	1/2	3,749.83	1/2	4,059.37	1/2	4,368.85	1/2		1/2		1/2					
3/4	3,134.04	3/4	3,445.17	3/4	3,756.31	3/4	4,065.81	3/4	4,375.29	3/4		3/4		3/4					
1	3,140.52	1	3,451.65	1	3,762.79	1	4,072.26	1	4,381.74	1		1		1					
1/4	3,147.00	1/4	3,458.13	1/4	3,769.24	1/4	4,078.71	1/4	4,387.68	1/4		1/4		1/4					
1/2	3,153.48	1/2	3,464.62	1/2	3,775.69	1/2	4,085.16	1/2	4,393.63	1/2		1/2		1/2					
3/4	3,159.96	3/4	3,471.10	3/4	3,782.13	3/4	4,091.60	3/4	4,399.57	3/4		3/4		3/4					
2	3,166.44	2	3,477.58	2	3,788.58	2	4,098.05	2	4,405.51	2		2		2					
1/4	3,172.92	1/4	3,484.06	1/4	3,795.03	1/4	4,104.50	1/4	4,410.37	1/4		1/4		1/4					
1/2	3,179.41	1/2	3,490.55	1/2	3,801.48	1/2	4,110.95	1/2	4,415.23	1/2		1/2		1/2					
3/4	3,185.89	3/4	3,497.03	3/4	3,807.92	3/4	4,117.39	3/4	4,420.09	3/4		3/4		3/4					
3	3,192.37	3	3,503.51	3	3,814.37	3	4,123.84	3	4,424.95	3		3		3					
1/4	3,198.85	1/4	3,509.99	1/4	3,820.82	1/4	4,130.29	1/4	4,428.73	1/4		1/4		1/4					
1/2	3,205.34	1/2	3,516.48	1/2	3,827.27	1/2	4,136.74	1/2	4,432.51	1/2		1/2		1/2					
3/4	3,211.82	3/4	3,522.96	3/4	3,833.71	3/4	4,143.18	3/4	4,436.29	3/4		3/4		3/4					
4	3,218.30	4	3,529.44	4	3,840.16	4	4,149.63	4	4,440.07	4		4		4					
1/4	3,224.78	1/4	3,535.92	1/4	3,846.61	1/4	4,156.08	1/4	4,442.77	1/4		1/4		1/4					
1/2	3,231.27	1/2	3,542.40	1/2	3,853.06	1/2	4,162.53	1/2	4,445.47	1/2		1/2		1/2					
3/4	3,237.75	3/4	3,548.88	3/4	3,859.50	3/4	4,168.97	3/4	4,448.17	3/4		3/4		3/4					
5	3,244.23	5	3,555.36	5	3,865.95	5	4,175.42	5	4,450.87	5		5		5					
1/4	3,250.71	1/4	3,561.84	1/4	3,872.40	1/4	4,181.87	1/4	4,452.49	1/4		1/4		1/4					
1/2	3,257.20	1/2	3,568.33	1/2	3,878.85	1/2	4,188.32	1/2	4,454.11	1/2		1/2		1/2					
3/4	3,263.68	3/4	3,574.81	3/4	3,885.29	3/4	4,194.76	3/4	4,455.73	3/4		3/4		3/4					
6	3,270.16	6	3,581.29	6	3,891.74	6	4,201.21	6	4,457.35	6		6		6					
1/4	3,276.64	1/4	3,587.77	1/4	3,898.19	1/4	4,207.66	1/4	4,457.89	1/4		1/4		1/4					
1/2	3,283.12	1/2	3,594.26	1/2	3,904.64	1/2	4,214.11	1/2	4,458.43	1/2		1/2		1/2					
3/4	3,289.60	3/4	3,600.74	3/4	3,911.08	3/4	4,220.55	3/4	4,458.97	3/4		3/4		3/4					
7	3,296.08	7	3,607.22	7	3,917.53	7	4,227.00	7	4,459.51	7		7		7					
1/4	3,302.56	1/4	3,613.70	1/4	3,923.98	1/4	4,233.45	1/4		1/4		1/4		1/4					
1/2	3,309.05	1/2	3,620.19	1/2	3,930.43	1/2	4,239.90	1/2		1/2		1/2		1/2					
3/4	3,315.53	3/4	3,626.67	3/4	3,936.87	3/4	4,246.34	3/4		3/4		3/4		3/4					
8	3,322.01	8	3,633.15	8	3,943.32	8	4,252.79	8		8		8		8					
1/4	3,328.49	1/4	3,639.63	1/4	3,949.77	1/4	4,259.24	1/4		1/4		1/4		1/4					
1/2	3,334.98	1/2	3,646.12	1/2	3,956.22	1/2	4,265.69	1/2		1/2		1/2		1/2					
3/4	3,341.46	3/4	3,652.60	3/4	3,962.66	3/4	4,272.13	3/4		3/4		3/4		3/4					
9	3,347.94	9	3,659.08	9	3,969.11	9	4,278.58	9		9		9		9					
1/4	3,354.42	1/4	3,665.56	1/4	3,975.56	1/4	4,285.03	1/4		1/4		1/4		1/4					
1/2	3,360.91	1/2	3,672.04	1/2	3,982.00	1/2	4,291.48	1/2		1/2		1/2		1/2					
3/4	3,367.39	3/4	3,678.52	3/4	3,988.45	3/4	4,297.92	3/4		3/4		3/4		3/4					
10	3,373.87	10	3,685.00	10	3,994.89	10	4,304.37	10		10		10		10					
1/4	3,380.35	1/4	3,691.48	1/4	4,001.34	1/4	4,310.82	1/4		1/4		1/4		1/4					
1/2	3,386.84	1/2	3,697.92	1/2	4,007.79	1/2	4,317.27	1/2		1/2		1/2		1/2					
3/4	3,393.32	3/4	3,704.45	3/4	4,014.23	3/4	4,323.71	3/4		3/4		3/4		3/4					
11	3,399.80	11	3,710.93	11	4,020.68	11	4,330.16	11		11		11		11					
1/4	3,406.28	1/4	3,717.41	1/4	4,027.13	1/4	4,336.61	1/4		1/4		1/4		1/4					
1/2	3,412.76	1/2	3,723.90	1/2	4,033.58	1/2	4,343.06	1/2		1/2		1/2		1/2					
3/4	3,419.24	3/4	3,730.38	3/4	4,040.02	3/4	4,349.50	3/4		3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "WEB 238"

4 CENTER INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 15'-01 5/8"

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	4.85	0	561.58	0	1,170.46	0	1,790.87	0	2,411.24	0	3,031.53	0	3,652.35	0	4,273.65	0	4,894.94	0	5,515.84
1/4	9.13	1/4	574.11	1/4	1,183.18	1/4	1,803.81	1/4	2,424.16	1/4	3,044.42	1/4	3,665.30	1/4	4,286.59	1/4	4,907.88	1/4	5,528.76
1/2	13.40	1/2	586.64	1/2	1,195.90	1/2	1,816.76	1/2	2,437.09	1/2	3,057.32	1/2	3,678.24	1/2	4,299.54	1/2	4,920.83	1/2	5,541.68
3/4	17.68	3/4	599.16	3/4	1,208.61	3/4	1,829.70	3/4	2,450.01	3/4	3,070.21	3/4	3,691.19	3/4	4,312.48	3/4	4,933.77	3/4	5,554.59
1	21.95	1	611.69	1	1,221.33	1	1,842.64	1	2,462.93	1	3,083.10	1	3,704.13	1	4,325.42	1	4,946.71	1	5,567.51
1 1/4	30.55	1 1/4	624.43	1 1/4	1,234.28	1 1/4	1,855.57	1 1/4	2,475.86	1 1/4	3,096.00	1 1/4	3,717.07	1 1/4	4,338.36	1 1/4	4,959.66	1 1/4	5,580.43
1 1/2	39.15	1 1/2	637.17	1 1/2	1,247.22	1 1/2	1,868.51	1 1/2	2,488.79	1 1/2	3,108.90	1 1/2	3,730.02	1 1/2	4,351.31	1 1/2	4,972.60	1 1/2	5,593.34
1 3/4	47.75	1 3/4	649.90	1 3/4	1,260.17	1 3/4	1,881.44	1 3/4	2,501.72	1 3/4	3,121.79	1 3/4	3,742.96	1 3/4	4,364.25	1 3/4	4,985.55	1 3/4	5,606.26
2	56.35	2	662.64	2	1,273.11	2	1,894.37	2	2,514.65	2	3,134.69	2	3,755.90	2	4,377.19	2	4,998.49	2	5,619.17
2 1/4	68.19	2 1/4	675.58	2 1/4	1,286.05	2 1/4	1,907.29	2 1/4	2,527.59	2 1/4	3,147.61	2 1/4	3,768.85	2 1/4	4,390.14	2 1/4	5,011.43	2 1/4	5,632.09
2 1/2	80.04	2 1/2	688.53	2 1/2	1,299.00	2 1/2	1,920.21	2 1/2	2,540.53	2 1/2	3,160.54	2 1/2	3,781.79	2 1/2	4,403.08	2 1/2	5,024.38	2 1/2	5,645.00
2 3/4	91.88	2 3/4	701.47	2 3/4	1,311.94	2 3/4	1,933.13	2 3/4	2,553.46	2 3/4	3,173.46	2 3/4	3,794.74	2 3/4	4,416.03	2 3/4	5,037.32	2 3/4	5,657.92
3	103.72	3	714.41	3	1,324.88	3	1,946.05	3	2,566.40	3	3,186.38	3	3,807.68	3	4,428.97	3	5,050.26	3	5,670.83
3 1/4	116.64	3 1/4	727.36	3 1/4	1,337.83	3 1/4	1,958.90	3 1/4	2,579.34	3 1/4	3,199.33	3 1/4	3,820.62	3 1/4	4,441.91	3 1/4	5,063.21	3 1/4	5,683.75
3 1/2	129.57	3 1/2	740.30	3 1/2	1,350.77	3 1/2	1,971.74	3 1/2	2,592.28	3 1/2	3,212.27	3 1/2	3,833.57	3 1/2	4,454.86	3 1/2	5,076.15	3 1/2	5,696.66
3 3/4	142.49	3 3/4	753.25	3 3/4	1,363.72	3 3/4	1,984.59	3 3/4	2,605.21	3 3/4	3,225.22	3 3/4	3,846.51	3 3/4	4,467.80	3 3/4	5,089.10	3 3/4	5,709.58
4	155.41	4	766.19	4	1,376.66	4	1,997.43	4	2,618.15	4	3,238.16	4	3,859.45	4	4,480.74	4	5,102.04	4	5,722.49
4 1/4	168.33	4 1/4	779.14	4 1/4	1,389.61	4 1/4	2,010.43	4 1/4	2,631.09	4 1/4	3,251.10	4 1/4	3,872.39	4 1/4	4,493.69	4 1/4	5,114.98	4 1/4	5,735.41
4 1/2	181.26	4 1/2	792.08	4 1/2	1,402.55	4 1/2	2,023.42	4 1/2	2,644.02	4 1/2	3,264.05	4 1/2	3,885.34	4 1/2	4,506.63	4 1/2	5,127.93	4 1/2	5,748.33
4 3/4	194.18	4 3/4	805.03	4 3/4	1,415.50	4 3/4	2,036.42	4 3/4	2,656.96	4 3/4	3,276.99	4 3/4	3,898.28	4 3/4	4,519.58	4 3/4	5,140.87	4 3/4	5,761.24
5	207.10	5	817.97	5	1,428.44	5	2,049.41	5	2,669.89	5	3,289.93	5	3,911.22	5	4,532.52	5	5,153.81	5	5,774.16
5 1/4	220.02	5 1/4	830.92	5 1/4	1,441.38	5 1/4	2,062.33	5 1/4	2,682.83	5 1/4	3,302.88	5 1/4	3,924.17	5 1/4	4,545.46	5 1/4	5,166.75	5 1/4	5,787.08
5 1/2	232.95	5 1/2	843.86	5 1/2	1,454.33	5 1/2	2,075.25	5 1/2	2,695.77	5 1/2	3,315.82	5 1/2	3,937.11	5 1/2	4,558.41	5 1/2	5,179.70	5 1/2	5,799.99
5 3/4	245.87	5 3/4	856.81	5 3/4	1,467.27	5 3/4	2,088.17	5 3/4	2,708.70	5 3/4	3,328.77	5 3/4	3,950.06	5 3/4	4,571.35	5 3/4	5,192.64	5 3/4	5,812.91
6	258.79	6	869.75	6	1,480.21	6	2,101.09	6	2,721.64	6	3,341.71	6	3,963.00	6	4,584.29	6	5,205.58	6	5,825.82
6 1/4	271.72	6 1/4	882.47	6 1/4	1,493.16	6 1/4	2,114.01	6 1/4	2,734.58	6 1/4	3,354.65	6 1/4	3,975.94	6 1/4	4,597.24	6 1/4	5,218.53	6 1/4	5,838.74
6 1/2	284.64	6 1/2	895.19	6 1/2	1,506.10	6 1/2	2,126.93	6 1/2	2,747.52	6 1/2	3,367.60	6 1/2	3,988.89	6 1/2	4,610.18	6 1/2	5,231.47	6 1/2	5,851.65
6 3/4	297.57	6 3/4	907.90	6 3/4	1,519.05	6 3/4	2,139.85	6 3/4	2,760.45	6 3/4	3,380.54	6 3/4	4,001.83	6 3/4	4,623.13	6 3/4	5,244.42	6 3/4	5,864.57
7	310.49	7	920.62	7	1,531.99	7	2,152.77	7	2,773.39	7	3,393.48	7	4,014.77	7	4,636.07	7	5,257.36	7	5,877.48
7 1/4	323.20	7 1/4	933.11	7 1/4	1,544.94	7 1/4	2,165.69	7 1/4	2,786.33	7 1/4	3,406.43	7 1/4	4,027.72	7 1/4	4,649.01	7 1/4	5,270.30	7 1/4	5,890.40
7 1/2	335.92	7 1/2	945.61	7 1/2	1,557.88	7 1/2	2,178.62	7 1/2	2,799.27	7 1/2	3,419.37	7 1/2	4,040.66	7 1/2	4,661.96	7 1/2	5,283.25	7 1/2	5,903.32
7 3/4	348.63	7 3/4	958.10	7 3/4	1,570.83	7 3/4	2,191.54	7 3/4	2,812.20	7 3/4	3,432.32	7 3/4	4,053.61	7 3/4	4,674.90	7 3/4	5,296.19	7 3/4	5,916.23
8	361.34	8	970.59	8	1,583.77	8	2,204.46	8	2,825.14	8	3,445.26	8	4,066.55	8	4,687.84	8	5,309.13	8	5,929.15
8 1/4	373.85	8 1/4	983.08	8 1/4	1,596.71	8 1/4	2,217.39	8 1/4	2,838.06	8 1/4	3,458.20	8 1/4	4,079.49	8 1/4	4,700.79	8 1/4	5,322.06	8 1/4	5,942.07
8 1/2	386.36	8 1/2	995.57	8 1/2	1,609.66	8 1/2	2,230.31	8 1/2	2,850.97	8 1/2	3,471.15	8 1/2	4,092.44	8 1/2	4,713.73	8 1/2	5,334.99	8 1/2	5,954.98
8 3/4	398.86	8 3/4	1,008.06	8 3/4	1,622.60	8 3/4	2,243.24	8 3/4	2,863.89	8 3/4	3,484.09	8 3/4	4,105.38	8 3/4	4,726.68	8 3/4	5,347.92	8 3/4	5,967.90
9	411.37	9	1,020.55	9	1,635.54	9	2,256.16	9	2,876.80	9	3,497.03	9	4,118.32	9	4,739.62	9	5,360.85	9	5,980.81
9 1/4	423.88	9 1/4	1,033.04	9 1/4	1,648.49	9 1/4	2,269.08	9 1/4	2,889.70	9 1/4	3,509.97	9 1/4	4,131.27	9 1/4	4,752.56	9 1/4	5,373.77	9 1/4	5,993.73
9 1/2	436.39	9 1/2	1,045.54	9 1/2	1,661.43	9 1/2	2,282.01	9 1/2	2,902.59	9 1/2	3,522.92	9 1/2	4,144.21	9 1/2	4,765.51	9 1/2	5,386.69	9 1/2	6,006.64
9 3/4	448.89	9 3/4	1,058.03	9 3/4	1,674.38	9 3/4	2,294.93	9 3/4	2,915.49	9 3/4	3,535.86	9 3/4	4,157.16	9 3/4	4,778.45	9 3/4	5,399.60	9 3/4	6,019.56
10	461.40	10	1,070.52	10	1,687.32	10	2,307.85	10	2,928.38	10	3,548.80	10	4,170.10	10	4,791.39	10	5,412.52	10	6,032.47
10 1/4	473.92	10 1/4	1,083.01	10 1/4	1,700.26	10 1/4	2,320.77	10 1/4	2,941.27	10 1/4	3,561.75	10 1/4	4,183.04	10 1/4	4,804.33	10 1/4	5,425.44	10 1/4	6,045.39
10 1/2	486.44	10 1/2	1,095.51	10 1/2	1,713.21	10 1/2	2,333.70	10 1/2	2,954.17	10 1/2	3,574.69	10 1/2	4,195.99	10 1/2	4,817.28	10 1/2	5,438.35	10 1/2	6,058.31
10 3/4	498.95	10 3/4	1,108.00	10 3/4	1,726.15	10 3/4	2,346.62	10 3/4	2,967.06	10 3/4	3,587.64	10 3/4	4,208.93	10 3/4	4,830.22	10 3/4	5,451.27	10 3/4	6,071.22
11	511.47	11	1,120.49	11	1,739.09	11	2,359.54	11	2,979.95	11	3,600.58	11	4,221.87	11	4,843.16	11	5,464.18	11	6,084.14
11 1/4	524.00	11 1/4	1,132.98	11 1/4	1,752.04	11 1/4	2,372.47	11 1/4	2,992.85	11 1/4	3,613.52	11 1/4	4,234.82	11 1/4	4,856.11	11 1/4	5,477.10	11 1/4	6,097.06
11 1/2	536.53	11 1/2	1,145.48	11 1/2	1,764.98	11 1/2	2,385.39	11 1/2	3,005.74	11 1/2	3,626.47	11 1/2	4,247.76	11 1/2	4,869.05	11 1/2	5,490.01	11 1/2	6,109.97
11 3/4	549.05	11 3/4	1,157.97	11 3/4	1,777.93	11 3/4	2,398.32	11 3/4	3,018.64	11 3/4	3,639.41	11 3/4	4,260.71	11 3/4	4,882.00	11 3/4	5,502.93	11 3/4	6,122.89

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 10" GAUGE HATCH.

GAUGE POINT: (10" HATCH) LOCATED 01'-00" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

CAPACITY TABLE REFLECTS GAUGING ON DATUM PLATE LOCATED 9/16" ABOVE TANK BOTTOM

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 238"

4 CENTER INNAGE TABLE

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

HULL NO. 01-2586

GAUGE HEIGHT 15'-01 5/8"

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	6,135.80	0	6,735.43	0	7,129.69	0	7,512.37	0	7,894.78	0		0		0		0		0	
1/4	6,148.72	1/4	6,745.06	1/4	7,137.68	1/4	7,520.34	1/4	7,902.75	1/4		1/4		1/4		1/4		1/4	
1/2	6,161.63	1/2	6,754.68	1/2	7,145.68	1/2	7,528.30	1/2	7,910.71	1/2		1/2		1/2		1/2		1/2	
3/4	6,174.55	3/4	6,764.31	3/4	7,153.67	3/4	7,536.27	3/4	7,918.68	3/4		3/4		3/4		3/4		3/4	
1	6,187.46	1	6,773.93	1	7,161.67	1	7,544.24	1	7,926.65	1		1		1		1		1	
1/4	6,200.38	1/4	6,782.73	1/4	7,169.66	1/4	7,552.21	1/4	7,934.61	1/4		1/4		1/4		1/4		1/4	
1/2	6,213.30	1/2	6,791.53	1/2	7,177.66	1/2	7,560.17	1/2	7,942.58	1/2		1/2		1/2		1/2		1/2	
3/4	6,226.21	3/4	6,800.33	3/4	7,185.65	3/4	7,568.14	3/4	7,950.54	3/4		3/4		3/4		3/4		3/4	
2	6,239.13	2	6,809.13	2	7,193.65	2	7,576.11	2	7,958.51	2		2		2		2		2	
1/4	6,252.05	1/4	6,817.32	1/4	7,201.63	1/4	7,584.08	1/4	7,966.16	1/4		1/4		1/4		1/4		1/4	
1/2	6,264.96	1/2	6,825.51	1/2	7,209.61	1/2	7,592.04	1/2	7,973.80	1/2		1/2		1/2		1/2		1/2	
3/4	6,277.88	3/4	6,833.69	3/4	7,217.59	3/4	7,600.01	3/4	7,981.45	3/4		3/4		3/4		3/4		3/4	
3	6,290.79	3	6,841.88	3	7,225.57	3	7,607.98	3	7,989.10	3		3		3		3		3	
1/4	6,303.71	1/4	6,849.88	1/4	7,233.54	1/4	7,615.94	1/4	7,995.76	1/4		1/4		1/4		1/4		1/4	
1/2	6,316.62	1/2	6,857.87	1/2	7,241.50	1/2	7,623.91	1/2	8,002.42	1/2		1/2		1/2		1/2		1/2	
3/4	6,329.54	3/4	6,865.87	3/4	7,249.47	3/4	7,631.87	3/4	8,009.09	3/4		3/4		3/4		3/4		3/4	
4	6,342.45	4	6,873.86	4	7,257.44	4	7,639.84	4	8,015.75	4		4		4		4		4	
1/4	6,355.37	1/4	6,881.86	1/4	7,265.40	1/4	7,647.81	1/4	8,021.07	1/4		1/4		1/4		1/4		1/4	
1/2	6,368.29	1/2	6,889.85	1/2	7,273.37	1/2	7,655.77	1/2	8,026.40	1/2		1/2		1/2		1/2		1/2	
3/4	6,381.20	3/4	6,897.85	3/4	7,281.33	3/4	7,663.74	3/4	8,031.72	3/4		3/4		3/4		3/4		3/4	
5	6,394.12	5	6,905.84	5	7,289.30	5	7,671.71	5	8,037.05	5		5		5		5		5	
1/4	6,407.03	1/4	6,913.84	1/4	7,297.27	1/4	7,679.68	1/4	8,041.04	1/4		1/4		1/4		1/4		1/4	
1/2	6,419.95	1/2	6,921.83	1/2	7,305.23	1/2	7,687.64	1/2	8,045.04	1/2		1/2		1/2		1/2		1/2	
3/4	6,432.86	3/4	6,929.83	3/4	7,313.20	3/4	7,695.61	3/4	8,049.03	3/4		3/4		3/4		3/4		3/4	
6	6,445.78	6	6,937.82	6	7,321.17	6	7,703.58	6	8,053.03	6		6		6		6		6	
1/4	6,458.69	1/4	6,945.82	1/4	7,329.14	1/4	7,711.54	1/4	8,055.69	1/4		1/4		1/4		1/4		1/4	
1/2	6,471.61	1/2	6,953.81	1/2	7,337.10	1/2	7,719.51	1/2	8,058.35	1/2		1/2		1/2		1/2		1/2	
3/4	6,484.52	3/4	6,961.80	3/4	7,345.07	3/4	7,727.47	3/4	8,061.01	3/4		3/4		3/4		3/4		3/4	
7	6,497.44	7	6,969.80	7	7,353.04	7	7,735.44	7	8,063.67	7		7		7		7		7	
1/4	6,510.36	1/4	6,977.79	1/4	7,361.01	1/4	7,743.41	1/4	8,065.00	1/4		1/4		1/4		1/4		1/4	
1/2	6,523.27	1/2	6,985.79	1/2	7,368.97	1/2	7,751.37	1/2	8,066.32	1/2		1/2		1/2		1/2		1/2	
3/4	6,536.19	3/4	6,993.78	3/4	7,376.94	3/4	7,759.34	3/4	8,067.65	3/4		3/4		3/4		3/4		3/4	
8	6,549.11	8	7,001.78	8	7,384.91	8	7,767.31	8	8,068.98	8		8		8		8		8	
1/4	6,561.83	1/4	7,009.77	1/4	7,392.87	1/4	7,775.28	1/4	8,069.64	1/4		1/4		1/4		1/4		1/4	
1/2	6,574.55	1/2	7,017.76	1/2	7,400.84	1/2	7,783.24	1/2	8,070.30	1/2		1/2		1/2		1/2		1/2	
3/4	6,587.28	3/4	7,025.76	3/4	7,408.80	3/4	7,791.21	3/4		3/4		3/4		3/4		3/4		3/4	
9	6,600.00	9	7,033.75	9	7,416.77	9	7,799.18	9		9		9		9		9		9	
1/4	6,612.11	1/4	7,041.75	1/4	7,424.74	1/4	7,807.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,624.22	1/2	7,049.74	1/2	7,432.70	1/2	7,815.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,636.34	3/4	7,057.74	3/4	7,440.67	3/4	7,823.08	3/4		3/4		3/4		3/4		3/4		3/4	
10	6,648.45	10	7,065.73	10	7,448.64	10	7,831.05	10		10		10		10		10		10	
1/4	6,659.74	1/4	7,073.72	1/4	7,456.61	1/4	7,839.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,671.02	1/2	7,081.72	1/2	7,464.57	1/2	7,846.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,682.31	3/4	7,089.71	3/4	7,472.54	3/4	7,854.94	3/4		3/4		3/4		3/4		3/4		3/4	
11	6,693.60	11	7,097.71	11	7,480.51	11	7,862.91	11		11		11		11		11		11	
1/4	6,704.06	1/4	7,105.70	1/4	7,488.47	1/4	7,870.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,714.51	1/2	7,113.70	1/2	7,496.44	1/2	7,878.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,724.97	3/4	7,121.69	3/4	7,504.40	3/4	7,886.81	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 06/04/2002 ITS
DECK MEASUREMENTS: 07/23/2012 SW CL
REPRINTED: 07/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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