



BARGE "WEB 310"

ULLAGE 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 PORT	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	00-1/2	- 00-1/2
1 STBD	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	00-1/2	- 00-1/2
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

(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 1 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

March 15, 2010

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

<http://www.pmacorp.net>



BARGE "WEB 310"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
0	0	0	0	0	3,814.36	0	3,530.76	0	3,248.43	0	2,965.95	0	2,682.38	0	2,398.78	0	2,116.19	0	2,116.19		
1/4	1/4	1/4	1/4	1/4	3,808.45	1/4	3,524.86	1/4	3,242.57	1/4	2,960.04	1/4	2,676.47	1/4	2,392.88	1/4	2,109.28	1/4	2,109.28		
1/2	1/2	1/2	1/2	1/2	3,802.55	1/2	3,518.95	1/2	3,236.70	1/2	2,954.13	1/2	2,670.56	1/2	2,386.97	1/2	2,103.37	1/2	2,103.37		
3/4	3/4	3/4	3/4	3/4	3,796.64	3/4	3,513.05	3/4	3,230.84	3/4	2,948.22	3/4	2,664.65	3/4	2,381.06	3/4	2,097.46	3/4	2,097.46		
1	1	1	1	1	3,790.74	1	3,507.14	1	3,224.98	1	2,942.31	1	2,658.74	1	2,375.14	1	2,091.55	1	2,091.55		
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	3,784.83	1 1/4	3,501.23	1 1/4	3,219.11	1 1/4	2,936.40	1 1/4	2,652.83	1 1/4	2,369.23	1 1/4	2,085.64	1 1/4	2,085.64		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	3,778.92	1 1/2	3,495.32	1 1/2	3,213.25	1 1/2	2,930.50	1 1/2	2,646.92	1 1/2	2,363.32	1 1/2	2,079.74	1 1/2	2,079.74		
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	3,773.01	1 3/4	3,489.41	1 3/4	3,207.39	1 3/4	2,924.59	1 3/4	2,641.01	1 3/4	2,357.41	1 3/4	2,073.83	1 3/4	2,073.83		
2	2	2	2	2	3,767.10	2	3,483.50	2	3,201.53	2	2,918.69	2	2,635.10	2	2,351.50	2	2,067.93	2	2,067.93		
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	3,761.19	2 1/4	3,477.59	2 1/4	3,195.67	2 1/4	2,912.78	2 1/4	2,629.19	2 1/4	2,345.59	2 1/4	2,062.02	2 1/4	2,062.02		
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	3,755.28	2 1/2	3,471.69	2 1/2	3,189.81	2 1/2	2,906.87	2 1/2	2,623.28	2 1/2	2,339.69	2 1/2	2,056.11	2 1/2	2,056.11		
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	3,749.38	2 3/4	3,465.78	2 3/4	3,183.95	2 3/4	2,900.95	2 3/4	2,617.38	2 3/4	2,333.78	2 3/4	2,050.20	2 3/4	2,050.20		
3	3	3	3	3	3,743.47	3	3,459.88	3	3,178.09	3	2,895.05	3	2,611.47	3	2,327.88	3	2,044.29	3	2,044.29		
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3,737.57	3 1/4	3,453.97	3 1/4	3,172.23	3 1/4	2,889.14	3 1/4	2,605.57	3 1/4	2,321.97	3 1/4	2,038.38	3 1/4	2,038.38		
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3,731.66	3 1/2	3,448.06	3 1/2	3,166.37	3 1/2	2,883.24	3 1/2	2,599.66	3 1/2	2,316.06	3 1/2	2,032.47	3 1/2	2,032.47		
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3,725.75	3 3/4	3,442.15	3 3/4	3,160.51	3 3/4	2,877.33	3 3/4	2,593.75	3 3/4	2,310.15	3 3/4	2,026.56	3 3/4	2,026.56		
4	4	4	4	4	3,719.83	4	3,436.24	4	3,154.64	4	2,871.43	4	2,587.83	4	2,304.24	4	2,020.64	4	2,020.64		
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	3,713.92	4 1/4	3,430.33	4 1/4	3,148.78	4 1/4	2,865.52	4 1/4	2,581.93	4 1/4	2,298.33	4 1/4	2,014.74	4 1/4	2,014.74		
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	3,708.01	4 1/2	3,424.42	4 1/2	3,142.92	4 1/2	2,859.62	4 1/2	2,576.02	4 1/2	2,292.43	4 1/2	2,008.83	4 1/2	2,008.83		
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	3,702.10	4 3/4	3,418.51	4 3/4	3,137.06	4 3/4	2,853.71	4 3/4	2,570.12	4 3/4	2,286.52	4 3/4	2,002.93	4 3/4	2,002.93		
5	5	5	5	5	3,696.19	5	3,412.60	5	3,131.19	5	2,847.81	5	2,564.21	5	2,280.62	5	1,997.02	5	1,997.02		
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	3,690.28	5 1/4	3,406.69	5 1/4	3,125.32	5 1/4	2,841.90	5 1/4	2,558.31	5 1/4	2,274.71	5 1/4	1,991.11	5 1/4	1,991.11		
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	3,684.38	5 1/2	3,400.78	5 1/2	3,119.44	5 1/2	2,835.99	5 1/2	2,552.39	5 1/2	2,268.80	5 1/2	1,985.20	5 1/2	1,985.20		
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	3,678.47	5 3/4	3,394.88	5 3/4	3,113.56	5 3/4	2,830.06	5 3/4	2,546.48	5 3/4	2,262.89	5 3/4	1,979.29	5 3/4	1,979.29		
6	6	6	6	6	3,672.57	6	3,388.97	6	3,107.68	6	2,824.17	6	2,540.57	6	2,256.98	6	1,973.38	6	1,973.38		
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	3,666.66	6 1/4	3,383.09	6 1/4	3,101.79	6 1/4	2,818.26	6 1/4	2,534.66	6 1/4	2,251.07	6 1/4	1,967.47	6 1/4	1,967.47		
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	3,660.75	6 1/2	3,377.22	6 1/2	3,095.89	6 1/2	2,812.35	6 1/2	2,528.75	6 1/2	2,245.17	6 1/2	1,961.57	6 1/2	1,961.57		
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	3,654.84	6 3/4	3,371.35	6 3/4	3,089.99	6 3/4	2,806.44	6 3/4	2,522.84	6 3/4	2,239.26	6 3/4	1,955.67	6 3/4	1,955.67		
7	7	7	7	7	3,921.07	7	3,648.93	7	3,365.48	7	3,084.09	7	2,800.53	7	2,516.93	7	2,233.36	7	1,949.76	7	1,949.76
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	3,916.23	7 1/4	3,643.02	7 1/4	3,359.62	7 1/4	3,078.19	7 1/4	2,794.62	7 1/4	2,511.02	7 1/4	2,227.45	7 1/4	1,943.85	7 1/4	1,943.85
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	3,911.78	7 1/2	3,637.12	7 1/2	3,353.78	7 1/2	3,072.28	7 1/2	2,788.71	7 1/2	2,505.12	7 1/2	2,221.54	7 1/2	1,937.94	7 1/2	1,937.94
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	3,907.72	7 3/4	3,631.21	7 3/4	3,347.93	7 3/4	3,066.38	7 3/4	2,782.81	7 3/4	2,499.21	7 3/4	2,215.63	7 3/4	1,932.03	7 3/4	1,932.03
8	8	8	8	8	3,903.67	8	3,625.31	8	3,342.09	8	3,060.47	8	2,776.90	8	2,493.31	8	2,209.72	8	1,926.12	8	1,926.12
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	3,899.12	8 1/4	3,619.40	8 1/4	3,336.24	8 1/4	3,054.57	8 1/4	2,771.00	8 1/4	2,487.40	8 1/4	2,203.81	8 1/4	1,920.21	8 1/4	1,920.21
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	3,894.07	8 1/2	3,613.49	8 1/2	3,330.39	8 1/2	3,048.66	8 1/2	2,765.08	8 1/2	2,481.49	8 1/2	2,197.89	8 1/2	1,914.30	8 1/2	1,914.30
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	3,889.02	8 3/4	3,607.58	8 3/4	3,324.54	8 3/4	3,042.75	8 3/4	2,759.17	8 3/4	2,475.58	8 3/4	2,191.98	8 3/4	1,908.39	8 3/4	1,908.39
9	9	9	9	9	3,883.97	9	3,601.67	9	3,318.69	9	3,036.83	9	2,753.26	9	2,469.67	9	2,186.07	9	1,902.48	9	1,902.48
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	3,878.60	9 1/4	3,595.76	9 1/4	3,312.84	9 1/4	3,030.93	9 1/4	2,747.35	9 1/4	2,463.76	9 1/4	2,180.17	9 1/4	1,896.57	9 1/4	1,896.57
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	3,872.89	9 1/2	3,589.86	9 1/2	3,306.99	9 1/2	3,026.02	9 1/2	2,741.45	9 1/2	2,457.85	9 1/2	2,174.26	9 1/2	1,890.67	9 1/2	1,890.67
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	3,867.18	9 3/4	3,583.95	9 3/4	3,301.15	9 3/4	3,019.12	9 3/4	2,735.55	9 3/4	2,451.95	9 3/4	2,168.36	9 3/4	1,884.76	9 3/4	1,884.76
10	10	10	10	10	3,861.47	10	3,578.05	10	3,296.30	10	3,013.21	10	2,729.64	10	2,446.05	10	2,162.45	10	1,878.86	10	1,878.86
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	3,855.67	10 1/4	3,572.14	10 1/4	3,289.45	10 1/4	3,007.31	10 1/4	2,723.73	10 1/4	2,440.14	10 1/4	2,156.54	10 1/4	1,872.95	10 1/4	1,872.95
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	3,849.78	10 1/2	3,566.23	10 1/2	3,283.59	10 1/2	3,001.39	10 1/2	2,717.82	10 1/2	2,434.23	10 1/2	2,150.63	10 1/2	1,867.04	10 1/2	1,867.04
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	3,843.89	10 3/4	3,560.32	10 3/4	3,277.74	10 3/4	2,995.48	10 3/4	2,711.91	10 3/4	2,428.32	10 3/4	2,144.72	10 3/4	1,861.13	10 3/4	1,861.13
11	11	11	11	11	3,837.99	11	3,554.41	11	3,271.88	11	2,989.57	11	2,706.00	11	2,422.41	11	2,138.81	11	1,855.22	11	1,855.22
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	3,832.09	11 1/4	3,548.50	11 1/4	3,266.02	11 1/4	2,983.67	11 1/4	2,700.09	11 1/4	2,416.50	11 1/4	2,132.90	11 1/4	1,849.31	11 1/4	1,849.31
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	3,826.18	11 1/2	3,542.58	11 1/2	3,260.16	11 1/2	2,977.76	11 1/2	2,694.19	11 1/2	2,410.59	11 1/2	2,127.00	11 1/2	1,843.40	11 1/2	1,843.40
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	3,820.27	11 3/4	3,536.67	11 3/4	3,254.29	11 3/4	2,971.86	11 3/4	2,688.28	11 3/4	2,404.69	11 3/4	2,121.09	11 3/4	1,837.50	11 3/4	1,837.50

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 UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "WEB 310"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,831.59	0	1,548.00	0	1,264.40	0	980.81	0	697.22	0	414.44	0	156.21	0		0			
1/4	1,825.69	1/4	1,542.09	1/4	1,258.53	1/4	974.90	1/4	691.31	1/4	408.69	1/4	151.25	1/4		1/4			
1/2	1,819.78	1/2	1,536.18	1/2	1,252.67	1/2	968.99	1/2	685.39	1/2	402.97	1/2	146.38	1/2		1/2			
3/4	1,813.86	3/4	1,530.27	3/4	1,246.82	3/4	963.08	3/4	679.48	3/4	397.26	3/4	141.50	3/4		3/4			
1	1,807.95	1	1,524.36	1	1,240.97	1	957.17	1	673.57	1	391.55	1	136.63	1		1			
1 1/4	1,802.06	1 1/4	1,518.45	1 1/4	1,235.06	1 1/4	951.26	1 1/4	667.67	1 1/4	385.86	1 1/4	131.81	1 1/4		1 1/4			
1 1/2	1,796.14	1 1/2	1,512.55	1 1/2	1,229.10	1 1/2	945.36	1 1/2	661.76	1 1/2	380.22	1 1/2	127.05	1 1/2		1 1/2			
1 3/4	1,790.24	1 3/4	1,506.64	1 3/4	1,223.14	1 3/4	939.45	1 3/4	655.86	1 3/4	374.57	1 3/4	122.28	1 3/4		1 3/4			
2	1,784.33	2	1,500.74	2	1,217.17	2	933.55	2	649.95	2	368.92	2	117.52	2		2			
2 1/4	1,778.42	2 1/4	1,494.83	2 1/4	1,211.23	2 1/4	927.64	2 1/4	644.04	2 1/4	363.30	2 1/4	112.79	2 1/4		2 1/4			
2 1/2	1,772.51	2 1/2	1,488.92	2 1/2	1,205.32	2 1/2	921.73	2 1/2	638.13	2 1/2	357.71	2 1/2	108.10	2 1/2		2 1/2			
2 3/4	1,766.60	2 3/4	1,483.01	2 3/4	1,199.41	2 3/4	915.82	2 3/4	632.22	2 3/4	352.12	2 3/4	103.40	2 3/4		2 3/4			
3	1,760.69	3	1,477.10	3	1,193.50	3	909.91	3	626.31	3	346.53	3	98.70	3		3			
3 1/4	1,754.78	3 1/4	1,471.19	3 1/4	1,187.59	3 1/4	904.00	3 1/4	620.40	3 1/4	340.97	3 1/4	94.04	3 1/4		3 1/4			
3 1/2	1,748.87	3 1/2	1,465.28	3 1/2	1,181.69	3 1/2	898.09	3 1/2	614.50	3 1/2	335.45	3 1/2	89.41	3 1/2		3 1/2			
3 3/4	1,742.96	3 3/4	1,459.36	3 3/4	1,175.78	3 3/4	892.19	3 3/4	608.59	3 3/4	329.93	3 3/4	84.78	3 3/4		3 3/4			
4	1,737.05	4	1,453.45	4	1,169.88	4	886.28	4	602.69	4	324.40	4	80.15	4		4			
4 1/4	1,731.14	4 1/4	1,447.55	4 1/4	1,163.97	4 1/4	880.38	4 1/4	596.78	4 1/4	318.91	4 1/4	75.55	4 1/4		4 1/4			
4 1/2	1,725.24	4 1/2	1,441.64	4 1/2	1,158.06	4 1/2	874.47	4 1/2	590.87	4 1/2	313.45	4 1/2	70.97	4 1/2		4 1/2			
4 3/4	1,719.33	4 3/4	1,435.74	4 3/4	1,152.15	4 3/4	868.56	4 3/4	584.96	4 3/4	307.98	4 3/4	66.40	4 3/4		4 3/4			
5	1,713.43	5	1,429.83	5	1,146.24	5	862.64	5	579.05	5	302.52	5	61.83	5		5			
5 1/4	1,707.52	5 1/4	1,423.92	5 1/4	1,140.33	5 1/4	856.73	5 1/4	573.14	5 1/4	297.08	5 1/4	57.29	5 1/4		5 1/4			
5 1/2	1,701.61	5 1/2	1,418.01	5 1/2	1,134.42	5 1/2	850.82	5 1/2	567.24	5 1/2	291.68	5 1/2	52.78	5 1/2		5 1/2			
5 3/4	1,695.70	5 3/4	1,412.10	5 3/4	1,128.51	5 3/4	844.91	5 3/4	561.33	5 3/4	286.27	5 3/4	48.27	5 3/4		5 3/4			
6	1,689.79	6	1,406.19	6	1,122.60	6	839.00	6	555.43	6	280.87	6	43.75	6		6			
6 1/4	1,683.88	6 1/4	1,400.28	6 1/4	1,116.69	6 1/4	833.09	6 1/4	549.52	6 1/4	275.50	6 1/4	39.45	6 1/4		6 1/4			
6 1/2	1,677.97	6 1/2	1,394.38	6 1/2	1,110.78	6 1/2	827.19	6 1/2	543.61	6 1/2	270.16	6 1/2	35.36	6 1/2		6 1/2			
6 3/4	1,672.07	6 3/4	1,388.47	6 3/4	1,104.88	6 3/4	821.28	6 3/4	537.70	6 3/4	264.82	6 3/4	31.28	6 3/4		6 3/4			
7	1,666.17	7	1,382.57	7	1,098.97	7	815.38	7	531.79	7	259.48	7	27.19	7		7			
7 1/4	1,660.26	7 1/4	1,376.66	7 1/4	1,093.07	7 1/4	809.47	7 1/4	525.88	7 1/4	254.17	7 1/4	23.58	7 1/4		7 1/4			
7 1/2	1,654.35	7 1/2	1,370.75	7 1/2	1,087.16	7 1/2	803.56	7 1/2	519.97	7 1/2	248.89	7 1/2	20.45	7 1/2		7 1/2			
7 3/4	1,648.44	7 3/4	1,364.84	7 3/4	1,081.25	7 3/4	797.65	7 3/4	514.06	7 3/4	243.61	7 3/4	17.32	7 3/4		7 3/4			
8	1,642.53	8	1,358.93	8	1,075.33	8	791.74	8	508.14	8	238.33	8	14.20	8		8			
8 1/4	1,636.62	8 1/4	1,353.02	8 1/4	1,069.43	8 1/4	785.83	8 1/4	502.24	8 1/4	233.08	8 1/4	11.07	8 1/4		8 1/4			
8 1/2	1,630.71	8 1/2	1,347.12	8 1/2	1,063.52	8 1/2	779.93	8 1/2	496.33	8 1/2	227.86	8 1/2		8 1/2		8 1/2			
8 3/4	1,624.81	8 3/4	1,341.21	8 3/4	1,057.62	8 3/4	774.02	8 3/4	490.43	8 3/4	222.64	8 3/4		8 3/4		8 3/4			
9	1,618.90	9	1,335.31	9	1,051.71	9	768.12	9	484.52	9	217.42	9		9		9			
9 1/4	1,613.00	9 1/4	1,329.40	9 1/4	1,045.81	9 1/4	762.21	9 1/4	478.63	9 1/4	212.23	9 1/4		9 1/4		9 1/4			
9 1/2	1,607.08	9 1/2	1,323.49	9 1/2	1,039.89	9 1/2	756.30	9 1/2	472.74	9 1/2	207.08	9 1/2		9 1/2		9 1/2			
9 3/4	1,601.17	9 3/4	1,317.58	9 3/4	1,033.98	9 3/4	750.39	9 3/4	466.85	9 3/4	201.92	9 3/4		9 3/4		9 3/4			
10	1,595.26	10	1,311.67	10	1,028.07	10	744.48	10	460.97	10	196.77	10		10		10			
10 1/4	1,589.35	10 1/4	1,305.76	10 1/4	1,022.17	10 1/4	738.57	10 1/4	455.10	10 1/4	191.64	10 1/4		10 1/4		10 1/4			
10 1/2	1,583.44	10 1/2	1,299.86	10 1/2	1,016.26	10 1/2	732.67	10 1/2	449.26	10 1/2	186.56	10 1/2		10 1/2		10 1/2			
10 3/4	1,577.53	10 3/4	1,293.94	10 3/4	1,010.36	10 3/4	726.76	10 3/4	443.42	10 3/4	181.47	10 3/4		10 3/4		10 3/4			
11	1,571.62	11	1,288.03	11	1,004.45	11	720.86	11	437.58	11	176.38	11		11		11			
11 1/4	1,565.71	11 1/4	1,282.12	11 1/4	998.54	11 1/4	714.95	11 1/4	431.78	11 1/4	171.31	11 1/4		11 1/4		11 1/4			
11 1/2	1,559.81	11 1/2	1,276.21	11 1/2	992.63	11 1/2	709.04	11 1/2	426.00	11 1/2	166.28	11 1/2		11 1/2		11 1/2			
11 3/4	1,553.90	11 3/4	1,270.31	11 3/4	986.72	11 3/4	703.13	11 3/4	420.22	11 3/4	161.24	11 3/4		11 3/4		11 3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2000 ITS
DECK MEASUREMENTS: 03/12/2010 SW
REPRINTED: 03/15/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2010

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



BARGE "WEB 310"

1 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-08 1/2"

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

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
BT	IN	BT	IN	BT	IN	BT	IN	BT	IN	BT	IN	BT	IN	BT	IN	BT	IN	BT	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 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	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 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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	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 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 310"

1 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-08 1/2"

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

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,834.89	0	1,551.72	0	1,268.53	0	985.37	0	702.18	0	419.69	0	160.99	0					
1/4	1,828.99	1/4	1,545.83	1/4	1,262.63	1/4	979.47	1/4	696.28	1/4	413.93	1/4	155.96	1/4					
1/2	1,823.09	1/2	1,539.93	1/2	1,256.74	1/2	973.57	1/2	690.38	1/2	408.19	1/2	151.02	1/2					
3/4	1,817.19	3/4	1,534.03	3/4	1,250.84	3/4	967.66	3/4	684.48	3/4	402.48	3/4	146.15	3/4					
1	1,811.30	1	1,528.13	1	1,244.94	1	961.76	1	678.58	1	396.77	1	141.29	1					
1 1/4	1,805.40	1 1/4	1,522.23	1 1/4	1,239.04	1 1/4	955.85	1 1/4	672.68	1 1/4	391.06	1 1/4	136.43	1 1/4					
1 1/2	1,799.50	1 1/2	1,516.33	1 1/2	1,233.14	1 1/2	949.95	1 1/2	666.78	1 1/2	385.39	1 1/2	131.62	1 1/2					
3/4	1,793.60	3/4	1,510.42	3/4	1,227.24	3/4	944.05	3/4	660.89	3/4	379.74	3/4	126.86	3/4					
2	1,787.70	2	1,504.52	2	1,221.34	2	938.15	2	654.99	2	374.09	2	122.11	2					
2 1/4	1,781.80	2 1/4	1,498.61	2 1/4	1,215.44	2 1/4	932.25	2 1/4	649.09	2 1/4	368.44	2 1/4	117.35	2 1/4					
2 1/2	1,775.90	2 1/2	1,492.71	2 1/2	1,209.55	2 1/2	926.36	2 1/2	643.19	2 1/2	362.83	2 1/2	112.63	2 1/2					
3	1,770.00	3	1,486.81	3	1,203.65	3	920.46	3	637.29	3	357.25	3	107.94	3					
3 1/4	1,764.11	3 1/4	1,480.91	3 1/4	1,197.75	3 1/4	914.56	3 1/4	631.39	3 1/4	351.67	3 1/4	103.25	3 1/4					
3 1/2	1,758.21	3 1/2	1,475.02	3 1/2	1,191.85	3 1/2	908.66	3 1/2	625.49	3 1/2	346.09	3 1/2	98.55	3 1/2					
4	1,752.31	4	1,469.12	4	1,185.95	4	902.76	4	619.59	4	340.54	4	93.90	4					
4 1/4	1,746.41	4 1/4	1,463.22	4 1/4	1,180.05	4 1/4	896.86	4 1/4	613.69	4 1/4	335.02	4 1/4	89.27	4 1/4					
4 1/2	1,740.51	4 1/2	1,457.32	4 1/2	1,174.15	4 1/2	890.96	4 1/2	607.78	4 1/2	329.50	4 1/2	84.65	4 1/2					
5	1,734.61	5	1,451.42	5	1,168.25	5	885.06	5	601.88	5	323.97	5	80.02	5					
5 1/4	1,728.71	5 1/4	1,445.52	5 1/4	1,162.35	5 1/4	879.16	5 1/4	595.97	5 1/4	318.48	5 1/4	75.43	5 1/4					
5 1/2	1,722.81	5 1/2	1,439.62	5 1/2	1,156.45	5 1/2	873.27	5 1/2	590.08	5 1/2	313.02	5 1/2	70.86	5 1/2					
6	1,716.91	6	1,433.72	6	1,150.54	6	867.37	6	584.18	6	307.56	6	66.30	6					
6 1/4	1,711.02	6 1/4	1,427.83	6 1/4	1,144.64	6 1/4	861.47	6 1/4	578.28	6 1/4	302.11	6 1/4	61.73	6 1/4					
6 1/2	1,705.12	6 1/2	1,421.93	6 1/2	1,138.74	6 1/2	855.57	6 1/2	572.38	6 1/2	296.66	6 1/2	57.19	6 1/2					
7	1,699.22	7	1,416.03	7	1,132.84	7	849.67	7	566.48	7	291.28	7	52.69	7					
7 1/4	1,693.32	7 1/4	1,410.13	7 1/4	1,126.94	7 1/4	843.77	7 1/4	560.58	7 1/4	285.88	7 1/4	48.18	7 1/4					
7 1/2	1,687.42	7 1/2	1,404.23	7 1/2	1,121.04	7 1/2	837.87	7 1/2	554.68	7 1/2	280.48	7 1/2	43.66	7 1/2					
8	1,681.52	8	1,398.33	8	1,115.14	8	831.97	8	548.78	8	275.11	8	39.38	8					
8 1/4	1,675.61	8 1/4	1,392.43	8 1/4	1,109.24	8 1/4	826.08	8 1/4	542.89	8 1/4	269.78	8 1/4	35.30	8 1/4					
8 1/2	1,669.71	8 1/2	1,386.53	8 1/2	1,103.34	8 1/2	820.18	8 1/2	536.99	8 1/2	264.45	8 1/2	31.22	8 1/2					
9	1,663.80	9	1,380.64	9	1,097.44	9	814.28	9	531.09	9	259.11	9	27.13	9					
9 1/4	1,657.90	9 1/4	1,374.74	9 1/4	1,091.55	9 1/4	808.38	9 1/4	525.19	9 1/4	253.81	9 1/4	23.53	9 1/4					
9 1/2	1,652.00	9 1/2	1,368.84	9 1/2	1,085.65	9 1/2	802.48	9 1/2	519.29	9 1/2	248.54	9 1/2	20.41	9 1/2					
10	1,646.11	10	1,362.94	10	1,079.75	10	796.58	10	513.39	10	243.26	10	17.29	10					
10 1/4	1,640.21	10 1/4	1,357.04	10 1/4	1,073.85	10 1/4	790.68	10 1/4	507.49	10 1/4	237.98	10 1/4	14.16	10 1/4					
10 1/2	1,634.31	10 1/2	1,351.14	10 1/2	1,067.95	10 1/2	784.78	10 1/2	501.59	10 1/2	232.75	10 1/2	11.04	10 1/2					
11	1,628.41	11	1,345.24	11	1,062.05	11	778.88	11	495.69	11	227.54	11		11					
11 1/4	1,622.51	11 1/4	1,339.34	11 1/4	1,056.15	11 1/4	772.97	11 1/4	489.80	11 1/4	222.33	11 1/4		11					
11 1/2	1,616.61	11 1/2	1,333.44	11 1/2	1,050.25	11 1/2	767.07	11 1/2	483.90	11 1/2	217.12	11 1/2		11					
12	1,610.71	12	1,327.54	12	1,044.36	12	761.16	12	478.01	12	211.94	12		12					
12 1/4	1,604.81	12 1/4	1,321.64	12 1/4	1,038.46	12 1/4	755.27	12 1/4	472.13	12 1/4	206.79	12 1/4		12					
12 1/2	1,598.91	12 1/2	1,315.73	12 1/2	1,032.56	12 1/2	749.37	12 1/2	466.25	12 1/2	201.63	12 1/2		12					
13	1,593.02	13	1,309.83	13	1,026.66	13	743.47	13	460.36	13	195.48	13		13					
13 1/4	1,587.12	13 1/4	1,303.93	13 1/4	1,020.76	13 1/4	737.57	13 1/4	454.51	13 1/4	191.36	13 1/4		13					
13 1/2	1,581.22	13 1/2	1,298.03	13 1/2	1,014.86	13 1/2	731.67	13 1/2	448.68	13 1/2	186.27	13 1/2		13					
14	1,575.32	14	1,292.13	14	1,008.96	14	725.77	14	442.86	14	181.19	14		14					
14 1/4	1,569.42	14 1/4	1,286.23	14 1/4	1,003.06	14 1/4	719.87	14 1/4	437.03	14 1/4	176.11	14 1/4		14					
14 1/2	1,563.52	14 1/2	1,280.33	14 1/2	997.16	14 1/2	713.97	14 1/2	431.23	14 1/2	171.05	14 1/2		14					
15	1,557.62	15	1,274.43	15	991.27	15	708.08	15	425.46	15	166.02	15		15					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2000 ITS
DECK MEASUREMENTS: 03/12/2010 SW
REPRINTED: 03/15/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2010

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



BARGE "WEB 310"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 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	0	0	0	0	5,117.38	0	4,743.59	0	4,370.98	0	4,000.27	0	3,627.06	0	3,253.29	0	2,879.52		
1/4	1/4		1/4		5,109.60	1/4	4,735.81	1/4	4,363.26	1/4	3,992.52	1/4	3,619.27	1/4	3,245.50	1/4	2,871.74		
1/2	1/2		1/2		5,101.81	1/2	4,728.02	1/2	4,355.55	1/2	3,984.76	1/2	3,611.48	1/2	3,237.71	1/2	2,863.95		
3/4	3/4		3/4		5,094.02	3/4	4,720.24	3/4	4,347.85	3/4	3,977.01	3/4	3,603.69	3/4	3,229.93	3/4	2,856.16		
1	1		1		5,086.24	1	4,712.45	1	4,340.15	1	3,969.26	1	3,595.90	1	3,222.14	1	2,848.37		
1 1/4	1 1/4		1 1/4		5,078.45	1 1/4	4,704.67	1 1/4	4,332.48	1 1/4	3,961.51	1 1/4	3,588.12	1 1/4	3,214.36	1 1/4	2,840.58		
1 1/2	1 1/2		1 1/2		5,070.67	1 1/2	4,696.88	1 1/2	4,324.76	1 1/2	3,953.75	1 1/2	3,580.33	1 1/2	3,206.57	1 1/2	2,832.79		
3/4	3/4		3/4		5,062.88	3/4	4,689.09	3/4	4,317.07	3/4	3,945.01	3/4	3,572.55	3/4	3,198.79	3/4	2,825.00		
2	2		2		5,055.08	2	4,681.31	2	4,309.38	2	3,938.25	2	3,564.76	2	3,191.00	2	2,817.21		
1 1/4	1 1/4		1 1/4		5,047.29	1 1/4	4,673.52	1 1/4	4,301.69	1 1/4	3,930.49	1 1/4	3,556.98	1 1/4	3,183.21	1 1/4	2,809.43		
1 1/2	1 1/2		1 1/2		5,039.50	1 1/2	4,665.74	1 1/2	4,294.00	1 1/2	3,922.74	1 1/2	3,549.19	1 1/2	3,175.43	1 1/2	2,801.64		
3/4	3/4		3/4		5,031.71	3/4	4,657.95	3/4	4,286.30	3/4	3,914.99	3/4	3,541.40	3/4	3,167.64	3/4	2,793.85		
3	3		3		5,023.93	3	4,650.17	3	4,278.61	3	3,907.24	3	3,533.62	3	3,159.85	3	2,786.07		
1 1/4	1 1/4		1 1/4		5,016.14	1 1/4	4,642.38	1 1/4	4,270.91	1 1/4	3,899.49	1 1/4	3,525.83	1 1/4	3,152.05	1 1/4	2,778.29		
1 1/2	1 1/2		1 1/2		5,008.36	1 1/2	4,634.60	1 1/2	4,263.21	1 1/2	3,891.74	1 1/2	3,518.05	1 1/2	3,144.26	1 1/2	2,770.50		
3/4	3/4		3/4		5,000.57	3/4	4,626.80	3/4	4,255.52	3/4	3,883.97	3/4	3,510.26	3/4	3,136.48	3/4	2,762.71		
4	4		4		4,992.79	4	4,619.01	4	4,247.83	4	3,876.20	4	3,502.48	4	3,128.69	4	2,754.93		
1 1/4	1 1/4		1 1/4		4,985.00	1 1/4	4,611.22	1 1/4	4,240.14	1 1/4	3,868.43	1 1/4	3,494.69	1 1/4	3,120.90	1 1/4	2,747.14		
1 1/2	1 1/2		1 1/2		4,977.21	1 1/2	4,603.43	1 1/2	4,232.45	1 1/2	3,860.67	1 1/2	3,486.90	1 1/2	3,113.12	1 1/2	2,739.36		
3/4	3/4		3/4		4,969.43	3/4	4,595.64	3/4	4,224.76	3/4	3,852.88	3/4	3,479.11	3/4	3,105.33	3/4	2,731.57		
5	5		5		4,961.64	5	4,587.86	5	4,217.06	5	3,845.10	5	3,471.32	5	3,097.55	5	2,723.79		
1 1/4	1 1/4		1 1/4		4,953.86	1 1/4	4,580.07	1 1/4	4,209.36	1 1/4	3,837.31	1 1/4	3,463.53	1 1/4	3,089.76	1 1/4	2,716.00		
1 1/2	1 1/2		1 1/2		4,946.07	1 1/2	4,572.29	1 1/2	4,201.67	1 1/2	3,829.62	1 1/2	3,455.74	1 1/2	3,081.98	1 1/2	2,708.21		
3/4	3/4		3/4		4,938.29	3/4	4,564.50	3/4	4,193.95	3/4	3,821.74	3/4	3,447.95	3/4	3,074.19	3/4	2,700.42		
6	6		6		4,930.50	6	4,556.71	6	4,186.24	6	3,813.95	6	3,440.17	6	3,066.40	6	2,692.63		
1 1/4	1 1/4		1 1/4		4,922.71	1 1/4	4,548.93	1 1/4	4,178.52	1 1/4	3,806.17	1 1/4	3,432.38	1 1/4	3,058.62	1 1/4	2,684.84		
1 1/2	1 1/2		1 1/2	5,260.79	4,914.93	1 1/2	4,541.14	1 1/2	4,170.81	1 1/2	3,798.38	1 1/2	3,424.60	1 1/2	3,050.83	1 1/2	2,677.05		
3/4	3/4		3/4	5,256.57	4,907.14	3/4	4,533.37	3/4	4,163.07	3/4	3,790.59	3/4	3,416.81	3/4	3,043.05	3/4	2,669.26		
7	7		7	5,252.35	4,899.35	7	4,525.61	7	4,155.32	7	3,782.80	7	3,409.02	7	3,035.26	7	2,661.48		
1 1/4	1 1/4		1 1/4	5,248.13	4,891.55	1 1/4	4,517.84	1 1/4	4,147.58	1 1/4	3,775.01	1 1/4	3,401.24	1 1/4	3,027.48	1 1/4	2,653.69		
1 1/2	1 1/2		1 1/2	5,243.90	4,883.76	1 1/2	4,510.07	1 1/2	4,139.83	1 1/2	3,767.21	1 1/2	3,393.45	1 1/2	3,019.69	1 1/2	2,645.90		
3/4	3/4		3/4	5,238.39	4,875.98	3/4	4,502.34	3/4	4,132.08	3/4	3,759.43	3/4	3,385.67	3/4	3,011.90	3/4	2,638.12		
8	8		8	5,232.88	4,868.19	8	4,494.61	8	4,124.32	8	3,751.64	8	3,377.88	8	3,004.11	8	2,630.33		
1 1/4	1 1/4		1 1/4	5,227.37	4,860.40	1 1/4	4,486.88	1 1/4	4,116.57	1 1/4	3,743.86	1 1/4	3,370.10	1 1/4	2,996.32	1 1/4	2,622.55		
1 1/2	1 1/2		1 1/2	5,221.86	4,852.62	1 1/2	4,479.14	1 1/2	4,108.81	1 1/2	3,736.07	1 1/2	3,362.31	1 1/2	2,988.52	1 1/2	2,614.76		
3/4	3/4		3/4	5,215.04	4,844.83	3/4	4,471.42	3/4	4,101.06	3/4	3,728.29	3/4	3,354.52	3/4	2,980.74	3/4	2,606.98		
9	9		9	5,208.23	4,837.05	9	4,463.69	9	4,093.31	9	3,720.50	9	3,346.74	9	2,972.95	9	2,599.19		
1 1/4	1 1/4		1 1/4	5,201.41	4,829.26	1 1/4	4,455.96	1 1/4	4,085.56	1 1/4	3,712.71	1 1/4	3,338.95	1 1/4	2,965.17	1 1/4	2,591.40		
1 1/2	1 1/2		1 1/2	5,194.60	4,821.48	1 1/2	4,448.24	1 1/2	4,077.81	1 1/2	3,704.93	1 1/2	3,331.17	1 1/2	2,957.38	1 1/2	2,583.62		
3/4	3/4		3/4	5,186.97	4,813.69	3/4	4,440.51	3/4	4,070.05	3/4	3,697.14	3/4	3,323.37	3/4	2,949.59	3/4	2,575.83		
10	10		10	5,179.35	4,805.90	10	4,432.79	10	4,062.30	10	3,689.36	10	3,315.58	10	2,941.81	10	2,568.05		
1 1/4	1 1/4		1 1/4	5,171.72	4,798.12	1 1/4	4,425.06	1 1/4	4,054.54	1 1/4	3,681.57	1 1/4	3,307.79	1 1/4	2,934.02	1 1/4	2,560.26		
1 1/2	1 1/2		1 1/2	5,164.10	4,790.33	1 1/2	4,417.33	1 1/2	4,046.79	1 1/2	3,673.79	1 1/2	3,300.00	1 1/2	2,926.24	1 1/2	2,552.48		
3/4	3/4		3/4	5,156.31	4,782.54	3/4	4,409.60	3/4	4,039.04	3/4	3,666.00	3/4	3,292.21	3/4	2,918.45	3/4	2,544.68		
11	11		11	5,148.52	4,774.75	11	4,401.87	11	4,031.29	11	3,658.21	11	3,284.43	11	2,910.67	11	2,536.89		
1 1/4	1 1/4		1 1/4	5,140.74	4,766.96	1 1/4	4,394.14	1 1/4	4,023.54	1 1/4	3,650.43	1 1/4	3,276.64	1 1/4	2,902.88	1 1/4	2,529.10		
1 1/2	1 1/2		1 1/2	5,132.95	4,759.17	1 1/2	4,386.40	1 1/2	4,015.79	1 1/2	3,642.64	1 1/2	3,268.86	1 1/2	2,895.10	1 1/2	2,521.31		
3/4	3/4		3/4	5,125.17	4,751.38	3/4	4,378.69	3/4	4,008.03	3/4	3,634.85	3/4	3,261.07	3/4	2,887.31	3/4	2,513.52		

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 UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 310"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

FT.	10 FT.	FT.	11 FT.	FT.	12 FT.	FT.	13 FT.	FT.	14 FT.	FT.	15 FT.	FT.	16 FT.	FT.	17 FT.	FT.	18 FT.	FT.	19 FT.
0	2,505.74	0	2,131.98	0	1,758.20	0	1,384.43	0	1,010.67	0	636.89	0	264.23	0		0		0	
1/4	2,497.95	1/4	2,124.19	1/4	1,750.41	1/4	1,376.64	1/4	1,002.88	1/4	629.11	1/4	256.45	1/4		1/4		1/4	
1/2	2,490.17	1/2	2,116.40	1/2	1,742.62	1/2	1,368.86	1/2	995.10	1/2	621.33	1/2	248.67	1/2		1/2		1/2	
3/4	2,482.38	3/4	2,108.62	3/4	1,734.83	3/4	1,361.07	3/4	987.30	3/4	613.55	3/4	241.04	3/4		3/4		3/4	
1	2,474.60	1	2,100.83	1	1,727.05	1	1,353.29	1	979.51	1	605.77	1	233.42	1		1		1	
1 1/4	2,466.81	1 1/4	2,093.05	1 1/4	1,719.26	1 1/4	1,345.50	1 1/4	971.72	1 1/4	597.99	1 1/4	225.79	1 1/4		1 1/4		1 1/4	
1 1/2	2,459.02	1 1/2	2,085.26	1 1/2	1,711.48	1 1/2	1,337.71	1 1/2	963.93	1 1/2	590.21	1 1/2	218.17	1 1/2		1 1/2		1 1/2	
3 1/4	2,451.24	3 1/4	2,077.47	3 1/4	1,703.69	3 1/4	1,329.93	3 1/4	956.14	3 1/4	582.45	3 1/4	210.59	3 1/4		3 1/4		3 1/4	
2	2,443.45	2	2,069.68	2	1,695.90	2	1,322.14	2	948.36	2	574.69	2	203.02	2		2		2	
1 3/4	2,435.67	1 3/4	2,061.89	1 3/4	1,688.12	1 3/4	1,314.36	1 3/4	940.57	1 3/4	566.93	1 3/4	195.45	1 3/4		1 3/4		1 3/4	
1 1/2	2,427.88	1 1/2	2,054.10	1 1/2	1,680.33	1 1/2	1,306.57	1 1/2	932.79	1 1/2	559.17	1 1/2	187.88	1 1/2		1 1/2		1 1/2	
3/4	2,420.10	3/4	2,046.31	3/4	1,672.55	3/4	1,298.78	3/4	925.00	3/4	551.40	3/4	180.31	3/4		3/4		3/4	
3	2,412.31	3	2,038.52	3	1,664.76	3	1,290.99	3	917.21	3	543.64	3	172.74	3		3		3	
1 1/4	2,404.52	1 1/4	2,030.74	1 1/4	1,656.98	1 1/4	1,283.20	1 1/4	909.43	1 1/4	535.88	1 1/4	165.17	1 1/4		1 1/4		1 1/4	
1 1/2	2,396.74	1 1/2	2,022.95	1 1/2	1,649.19	1 1/2	1,275.40	1 1/2	901.64	1 1/2	528.12	1 1/2	157.60	1 1/2		1 1/2		1 1/2	
3/4	2,388.95	3/4	2,015.17	3/4	1,641.40	3/4	1,267.62	3/4	893.86	3/4	520.36	3/4	150.03	3/4		3/4		3/4	
4	2,381.15	4	2,007.38	4	1,633.62	4	1,259.83	4	886.07	4	512.60	4	142.46	4		4		4	
1 3/4	2,373.36	1 3/4	1,999.60	1 3/4	1,625.83	1 3/4	1,252.05	1 3/4	878.29	1 3/4	504.83	1 3/4	134.90	1 3/4		1 3/4		1 3/4	
1 1/2	2,365.57	1 1/2	1,991.81	1 1/2	1,618.05	1 1/2	1,244.26	1 1/2	870.50	1 1/2	497.07	1 1/2	127.33	1 1/2		1 1/2		1 1/2	
3/4	2,357.79	3/4	1,984.02	3/4	1,610.26	3/4	1,236.48	3/4	862.71	3/4	489.31	3/4	119.76	3/4		3/4		3/4	
5	2,350.00	5	1,976.24	5	1,602.46	5	1,228.69	5	854.93	5	481.55	5	112.19	5		5		5	
1 1/4	2,342.21	1 1/4	1,968.45	1 1/4	1,594.67	1 1/4	1,220.90	1 1/4	847.14	1 1/4	473.79	1 1/4	104.62	1 1/4		1 1/4		1 1/4	
1 1/2	2,334.43	1 1/2	1,960.67	1 1/2	1,586.88	1 1/2	1,213.12	1 1/2	839.36	1 1/2	466.02	1 1/2	97.05	1 1/2		1 1/2		1 1/2	
3/4	2,326.64	3/4	1,952.88	3/4	1,579.10	3/4	1,205.33	3/4	831.57	3/4	458.27	3/4	89.48	3/4		3/4		3/4	
6	2,318.86	6	1,945.10	6	1,571.31	6	1,197.55	6	823.77	6	450.51	6	81.90	6		6		6	
1 3/4	2,311.07	1 3/4	1,937.31	1 3/4	1,563.52	1 3/4	1,189.76	1 3/4	815.98	1 3/4	442.76	1 3/4	74.33	1 3/4		1 3/4		1 3/4	
1 1/2	2,303.29	1 1/2	1,929.52	1 1/2	1,555.74	1 1/2	1,181.98	1 1/2	808.19	1 1/2	435.00	1 1/2	66.76	1 1/2		1 1/2		1 1/2	
3/4	2,295.50	3/4	1,921.73	3/4	1,547.95	3/4	1,174.19	3/4	800.40	3/4	427.24	3/4	59.24	3/4		3/4		3/4	
7	2,287.71	7	1,913.94	7	1,540.17	7	1,166.40	7	792.62	7	419.48	7	53.08	7		7		7	
1 1/4	2,279.93	1 1/4	1,906.15	1 1/4	1,532.38	1 1/4	1,158.62	1 1/4	784.83	1 1/4	411.71	1 1/4	46.24	1 1/4		1 1/4		1 1/4	
1 1/2	2,272.14	1 1/2	1,898.36	1 1/2	1,524.60	1 1/2	1,150.83	1 1/2	777.05	1 1/2	403.95	1 1/2	39.40	1 1/2		1 1/2		1 1/2	
3/4	2,264.36	3/4	1,890.57	3/4	1,516.81	3/4	1,143.04	3/4	769.26	3/4	396.19	3/4	34.27	3/4		3/4		3/4	
8	2,256.57	8	1,882.79	8	1,509.02	8	1,135.25	8	761.48	8	388.43	8	29.13	8		8		8	
1 3/4	2,248.79	1 3/4	1,875.00	1 3/4	1,501.24	1 3/4	1,127.46	1 3/4	753.69	1 3/4	380.67	1 3/4	23.99	1 3/4		1 3/4		1 3/4	
1 1/2	2,241.00	1 1/2	1,867.21	1 1/2	1,493.45	1 1/2	1,119.67	1 1/2	745.90	1 1/2	372.90	1 1/2	18.86	1 1/2		1 1/2		1 1/2	
3/4	2,233.21	3/4	1,859.43	3/4	1,485.67	3/4	1,111.88	3/4	738.12	3/4	365.15	3/4		3/4		3/4		3/4	
9	2,225.42	9	1,851.64	9	1,477.88	9	1,104.09	9	730.33	9	357.39	9		9		9		9	
1 1/4	2,217.62	1 1/4	1,843.86	1 1/4	1,470.10	1 1/4	1,096.31	1 1/4	722.55	1 1/4	349.64	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,209.83	1 1/2	1,836.07	1 1/2	1,462.31	1 1/2	1,088.52	1 1/2	714.76	1 1/2	341.88	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,202.05	3/4	1,828.29	3/4	1,454.52	3/4	1,080.74	3/4	706.98	3/4	334.12	3/4		3/4		3/4		3/4	
10	2,194.26	10	1,820.50	10	1,446.73	10	1,072.95	10	699.19	10	326.36	10		10		10		10	
1 3/4	2,186.48	1 3/4	1,812.71	1 3/4	1,438.93	1 3/4	1,065.17	1 3/4	691.40	1 3/4	318.60	1 3/4		1 3/4		1 3/4		1 3/4	
1 1/2	2,178.69	1 1/2	1,804.93	1 1/2	1,431.14	1 1/2	1,057.38	1 1/2	683.62	1 1/2	310.83	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,170.90	3/4	1,797.14	3/4	1,423.36	3/4	1,049.60	3/4	675.83	3/4	303.07	3/4		3/4		3/4		3/4	
11	2,163.12	11	1,789.36	11	1,415.57	11	1,041.81	11	668.04	11	295.31	11		11		11		11	
1 1/4	2,155.33	1 1/4	1,781.57	1 1/4	1,407.79	1 1/4	1,034.02	1 1/4	660.24	1 1/4	287.55	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,147.55	1 1/2	1,773.79	1 1/2	1,400.00	1 1/2	1,026.24	1 1/2	652.45	1 1/2	279.79	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,139.76	3/4	1,765.99	3/4	1,392.21	3/4	1,018.45	3/4	644.67	3/4	272.01	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2000 ITS
DECK MEASUREMENTS: 03/12/2010 SW
REPRINTED: 03/16/2010 SW

CANCELS AND SUPERCEDS
ALL PRIOR TO 03/2010

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



BARGE "WEB 310"

2 STBD ULLAGE TABLE

GAUGE HEIGHT 16'-07 3/4"

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

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	0	0	5,080.10	4,707.42	4,336.13	3,966.39	3,594.18	3,221.50	2,848.83
1/4	1/4	1/4	1/4	5,072.33	4,699.65	4,328.45	3,958.65	3,586.42	3,213.74	2,841.07
1/2	1/2	1/2	1/2	5,064.57	4,691.89	4,320.77	3,950.92	3,578.65	3,205.98	2,833.31
3/4	3/4	3/4	3/4	5,056.81	4,684.12	4,313.10	3,943.19	3,570.88	3,198.21	2,825.55
1	1	1	1	5,049.04	4,676.36	4,305.43	3,935.46	3,563.12	3,190.45	2,817.78
1/4	1/4	1/4	1/4	5,041.27	4,668.60	4,297.76	3,927.73	3,555.36	3,182.69	2,810.01
1/2	1/2	1/2	1/2	5,033.51	4,660.83	4,290.10	3,919.99	3,547.60	3,174.93	2,802.24
3/4	3/4	3/4	3/4	5,025.74	4,653.07	4,282.43	3,912.26	3,539.83	3,167.17	2,794.48
2	2	2	2	5,017.98	4,645.30	4,274.76	3,904.54	3,532.07	3,159.40	2,786.71
1/4	1/4	1/4	1/4	5,010.21	4,637.54	4,267.08	3,896.81	3,524.31	3,151.63	2,778.95
1/2	1/2	1/2	1/2	5,002.45	4,629.77	4,259.41	3,889.08	3,516.55	3,143.86	2,771.19
3/4	3/4	3/4	3/4	4,994.69	4,622.00	4,251.74	3,881.36	3,508.79	3,136.10	2,763.43
3	3	3	3	4,986.93	4,614.24	4,244.07	3,873.61	3,501.02	3,128.33	2,755.66
1/4	1/4	1/4	1/4	4,979.17	4,606.48	4,236.39	3,865.87	3,493.25	3,120.57	2,747.89
1/2	1/2	1/2	1/2	4,971.40	4,598.71	4,228.72	3,858.12	3,485.48	3,112.81	2,740.13
3/4	3/4	3/4	3/4	4,963.64	4,590.95	4,221.05	3,850.38	3,477.71	3,105.05	2,732.36
4	4	4	4	4,955.88	4,583.19	4,213.38	3,842.62	3,469.95	3,097.29	2,724.60
1/4	1/4	1/4	1/4	4,948.11	4,575.43	4,205.71	3,834.86	3,462.19	3,089.52	2,716.83
1/2	1/2	1/2	1/2	4,940.34	4,567.67	4,198.05	3,827.10	3,454.43	3,081.76	2,709.07
3/4	3/4	3/4	3/4	4,932.57	4,559.90	4,190.38	3,819.33	3,446.67	3,074.00	2,701.31
5	5	5	5	4,924.81	4,552.14	4,182.68	3,811.57	3,438.90	3,066.23	2,693.55
1/4	1/4	1/4	1/4	4,917.05	4,544.37	4,174.99	3,803.81	3,431.14	3,058.46	2,685.79
1/2	1/2	1/2	1/2	4,909.29	4,536.60	4,167.29	3,796.05	3,423.38	3,050.70	2,678.02
3/4	3/4	3/4	3/4	4,901.52	4,528.83	4,159.60	3,788.29	3,415.62	3,042.93	2,670.26
6	6	6	6	4,893.76	4,521.07	4,151.88	3,780.52	3,407.85	3,035.17	2,662.49
1/4	1/4	1/4	1/4	4,886.00	4,513.31	4,144.15	3,772.76	3,400.08	3,027.40	2,654.73
1/2	1/2	1/2	1/2	5,233.76	4,878.22	4,505.62	4,136.43	3,765.00	3,392.32	3,019.64
3/4	3/4	3/4	3/4	5,229.55	4,870.45	4,497.88	4,128.71	3,757.24	3,384.55	3,011.88
7	7	7	7	5,224.05	4,862.69	4,490.17	4,120.98	3,749.47	3,376.79	3,004.11
1/4	1/4	1/4	1/4	5,218.55	4,854.93	4,482.45	4,113.25	3,741.70	3,369.02	2,996.35
1/2	1/2	1/2	1/2	5,213.05	4,847.17	4,474.74	4,105.52	3,733.93	3,361.26	2,988.58
3/4	3/4	3/4	3/4	5,207.55	4,839.40	4,467.02	4,097.79	3,726.17	3,353.50	2,980.81
8	8	8	8	5,200.76	4,831.64	4,459.32	4,090.08	3,718.40	3,345.73	2,973.05
1/4	1/4	1/4	1/4	5,193.96	4,823.88	4,451.62	4,082.33	3,710.64	3,337.96	2,965.29
1/2	1/2	1/2	1/2	5,187.17	4,816.12	4,443.92	4,074.61	3,702.88	3,330.20	2,957.52
3/4	3/4	3/4	3/4	5,180.38	4,808.36	4,436.21	4,066.88	3,695.12	3,322.43	2,949.76
9	9	9	9	5,172.78	4,800.59	4,428.51	4,059.15	3,687.36	3,314.67	2,942.00
1/4	1/4	1/4	1/4	5,165.18	4,792.82	4,420.80	4,051.42	3,679.60	3,306.90	2,934.24
1/2	1/2	1/2	1/2	5,157.58	4,785.05	4,413.09	4,043.68	3,671.83	3,299.14	2,926.48
3/4	3/4	3/4	3/4	5,149.98	4,777.29	4,405.38	4,035.95	3,664.07	3,291.38	2,918.71
10	10	10	10	5,142.21	4,769.52	4,397.68	4,028.22	3,656.30	3,283.62	2,910.95
1/4	1/4	1/4	1/4	5,134.44	4,761.76	4,389.98	4,020.49	3,648.54	3,275.86	2,903.18
1/2	1/2	1/2	1/2	5,126.67	4,754.00	4,382.27	4,012.76	3,640.77	3,268.10	2,895.41
3/4	3/4	3/4	3/4	5,118.90	4,746.24	4,374.57	4,005.02	3,633.00	3,260.33	2,887.64
11	11	11	11	5,111.14	4,738.48	4,366.88	3,997.30	3,625.24	3,252.57	2,879.88
1/4	1/4	1/4	1/4	5,103.38	4,730.71	4,359.19	3,989.57	3,617.48	3,244.80	2,872.12
1/2	1/2	1/2	1/2	5,095.62	4,722.95	4,351.50	3,981.85	3,609.71	3,237.03	2,864.36
3/4	3/4	3/4	3/4	5,087.86	4,715.19	4,343.81	3,974.12	3,601.95	3,229.26	2,856.60

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-08" OFF CENTERLINE AND 43'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77585
<http://www.pmacorp.net>



BARGE "WEB 310"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	2,476.16	0	2,103.48	0	1,730.80	0	1,358.12	0	985.45	0	612.76	0	240.32	0		0		0	
1/4	2,468.39	1/4	2,095.71	1/4	1,723.04	1/4	1,350.36	1/4	977.68	1/4	605.00	1/4	232.71	1/4		1/4		1/4	
1/2	2,460.63	1/2	2,087.95	1/2	1,715.27	1/2	1,342.60	1/2	969.91	1/2	597.24	1/2	225.11	1/2		1/2		1/2	
3/4	2,452.86	3/4	2,080.19	3/4	1,707.50	3/4	1,334.83	3/4	962.14	3/4	589.48	3/4	217.50	3/4		3/4		3/4	
1	2,445.10	1	2,072.42	1	1,699.74	1	1,327.07	1	954.38	1	581.71	1	209.95	1		1		1	
1 1/4	2,437.33	1 1/4	2,064.65	1 1/4	1,691.98	1 1/4	1,319.30	1 1/4	946.62	1 1/4	573.95	1 1/4	202.40	1 1/4		1 1/4		1 1/4	
1 1/2	2,429.57	1 1/2	2,056.89	1 1/2	1,684.21	1 1/2	1,311.53	1 1/2	938.86	1 1/2	566.19	1 1/2	194.86	1 1/2		1 1/2		1 1/2	
3/4	2,421.81	3/4	2,049.12	3/4	1,676.45	3/4	1,303.76	3/4	931.10	3/4	558.43	3/4	187.31	3/4		3/4		3/4	
2	2,414.04	2	2,041.36	2	1,668.69	2	1,296.00	2	923.33	2	550.67	2	179.76	2		2		2	
1 1/4	2,406.27	1 1/4	2,033.60	1 1/4	1,660.93	1 1/4	1,288.24	1 1/4	915.57	1 1/4	542.90	1 1/4	172.21	1 1/4		1 1/4		1 1/4	
1 1/2	2,398.51	1 1/2	2,025.83	1 1/2	1,653.17	1 1/2	1,280.48	1 1/2	907.81	1 1/2	535.14	1 1/2	164.67	1 1/2		1 1/2		1 1/2	
3/4	2,390.74	3/4	2,018.07	3/4	1,645.40	3/4	1,272.71	3/4	900.05	3/4	527.38	3/4	157.12	3/4		3/4		3/4	
3	2,382.98	3	2,010.31	3	1,637.64	3	1,264.95	3	892.28	3	519.62	3	149.57	3		3		3	
1 1/4	2,375.21	1 1/4	2,002.55	1 1/4	1,629.87	1 1/4	1,257.19	1 1/4	884.51	1 1/4	511.86	1 1/4	142.02	1 1/4		1 1/4		1 1/4	
1 1/2	2,367.45	1 1/2	1,994.79	1 1/2	1,622.10	1 1/2	1,249.43	1 1/2	876.74	1 1/2	504.10	1 1/2	134.48	1 1/2		1 1/2		1 1/2	
3/4	2,359.69	3/4	1,987.02	3/4	1,614.33	3/4	1,241.67	3/4	868.98	3/4	496.33	3/4	126.93	3/4		3/4		3/4	
4	2,351.93	4	1,979.26	4	1,606.57	4	1,233.90	4	861.21	4	488.57	4	119.38	4		4		4	
1 1/4	2,344.17	1 1/4	1,971.49	1 1/4	1,598.81	1 1/4	1,226.13	1 1/4	853.45	1 1/4	480.81	1 1/4	111.83	1 1/4		1 1/4		1 1/4	
1 1/2	2,336.40	1 1/2	1,963.72	1 1/2	1,591.05	1 1/2	1,218.36	1 1/2	845.69	1 1/2	473.05	1 1/2	104.29	1 1/2		1 1/2		1 1/2	
3/4	2,328.64	3/4	1,955.95	3/4	1,583.29	3/4	1,210.60	3/4	837.93	3/4	465.29	3/4	96.74	3/4		3/4		3/4	
5	2,320.88	5	1,948.19	5	1,575.52	5	1,202.83	5	830.17	5	457.52	5	89.19	5		5		5	
1 1/4	2,313.11	1 1/4	1,940.43	1 1/4	1,567.75	1 1/4	1,195.07	1 1/4	822.40	1 1/4	449.75	1 1/4	81.64	1 1/4		1 1/4		1 1/4	
1 1/2	2,305.34	1 1/2	1,932.67	1 1/2	1,559.98	1 1/2	1,187.31	1 1/2	814.64	1 1/2	441.98	1 1/2	74.10	1 1/2		1 1/2		1 1/2	
3/4	2,297.57	3/4	1,924.90	3/4	1,552.21	3/4	1,179.55	3/4	806.88	3/4	434.21	3/4	66.55	3/4		3/4		3/4	
6	2,289.81	6	1,917.14	6	1,544.45	6	1,171.79	6	799.11	6	426.45	6	59.73	6		6		6	
1 1/4	2,282.05	1 1/4	1,909.38	1 1/4	1,536.69	1 1/4	1,164.02	1 1/4	791.35	1 1/4	418.69	1 1/4	52.92	1 1/4		1 1/4		1 1/4	
1 1/2	2,274.29	1 1/2	1,901.62	1 1/2	1,528.93	1 1/2	1,156.26	1 1/2	783.58	1 1/2	410.93	1 1/2	46.10	1 1/2		1 1/2		1 1/2	
3/4	2,266.52	3/4	1,893.86	3/4	1,521.17	3/4	1,148.50	3/4	775.81	3/4	403.17	3/4	39.29	3/4		3/4		3/4	
7	2,258.76	7	1,886.09	7	1,513.40	7	1,140.73	7	768.05	7	395.40	7	34.16	7		7		7	
1 1/4	2,251.00	1 1/4	1,878.32	1 1/4	1,505.64	1 1/4	1,132.96	1 1/4	760.29	1 1/4	387.64	1 1/4	29.04	1 1/4		1 1/4		1 1/4	
1 1/2	2,243.24	1 1/2	1,870.55	1 1/2	1,497.88	1 1/2	1,125.20	1 1/2	752.52	1 1/2	379.88	1 1/2	23.91	1 1/2		1 1/2		1 1/2	
3/4	2,235.48	3/4	1,862.79	3/4	1,490.12	3/4	1,117.43	3/4	744.76	3/4	372.12	3/4	18.79	3/4		3/4		3/4	
8	2,227.71	8	1,855.02	8	1,482.35	8	1,109.67	8	736.99	8	364.36	8		8		8		8	
1 1/4	2,219.94	1 1/4	1,847.26	1 1/4	1,474.58	1 1/4	1,101.90	1 1/4	729.23	1 1/4	356.60	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,212.17	1 1/2	1,839.50	1 1/2	1,466.82	1 1/2	1,094.14	1 1/2	721.46	1 1/2	348.83	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,204.40	3/4	1,831.74	3/4	1,459.05	3/4	1,086.38	3/4	713.69	3/4	341.07	3/4		3/4		3/4		3/4	
9	2,196.64	9	1,823.97	9	1,451.29	9	1,078.62	9	705.93	9	333.31	9		9		9		9	
1 1/4	2,188.88	1 1/4	1,816.20	1 1/4	1,443.52	1 1/4	1,070.86	1 1/4	698.17	1 1/4	325.55	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,181.12	1 1/2	1,808.43	1 1/2	1,435.76	1 1/2	1,063.10	1 1/2	690.40	1 1/2	317.79	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,173.36	3/4	1,800.67	3/4	1,428.00	3/4	1,055.33	3/4	682.64	3/4	310.02	3/4		3/4		3/4		3/4	
10	2,165.59	10	1,792.90	10	1,420.24	10	1,047.57	10	674.88	10	302.26	10		10		10		10	
1 1/4	2,157.82	1 1/4	1,785.14	1 1/4	1,412.48	1 1/4	1,039.80	1 1/4	667.12	1 1/4	294.50	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,150.05	1 1/2	1,777.38	1 1/2	1,404.71	1 1/2	1,032.03	1 1/2	659.36	1 1/2	286.74	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,142.29	3/4	1,769.62	3/4	1,396.95	3/4	1,024.26	3/4	651.60	3/4	278.98	3/4		3/4		3/4		3/4	
11	2,134.52	11	1,761.86	11	1,389.18	11	1,016.50	11	643.83	11	271.21	11		11		11		11	
1 1/4	2,126.76	1 1/4	1,754.10	1 1/4	1,381.42	1 1/4	1,008.74	1 1/4	636.06	1 1/4	263.45	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	2,119.00	1 1/2	1,746.33	1 1/2	1,373.65	1 1/2	1,000.98	1 1/2	628.29	1 1/2	255.69	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	2,111.24	3/4	1,738.57	3/4	1,365.88	3/4	993.21	3/4	620.52	3/4	247.93	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/27/2000 ITS
DECK MEASUREMENTS: 03/12/2010 SW
REPRINTED: 03/15/2010 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2010

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2692
Pearland, Texas 77588
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BARGE "WEB 310"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,846.98	0	4,554.90	0	4,263.19	0	3,969.87	0	3,605.45	0	3,233.92	0	2,862.36		
1/4	1/4	1/4	1/4	1/4	4,840.89	1/4	4,548.82	1/4	4,257.12	1/4	3,963.28	1/4	3,597.71	1/4	3,226.17	1/4	2,854.62		
1/2	1/2	1/2	1/2	1/2	4,834.81	1/2	4,542.74	1/2	4,251.05	1/2	3,956.69	1/2	3,589.98	1/2	3,218.43	1/2	2,846.88		
3/4	3/4	3/4	3/4	3/4	4,828.72	3/4	4,536.65	3/4	4,244.98	3/4	3,949.69	3/4	3,582.23	3/4	3,210.69	3/4	2,839.14		
1	1	1	1	1	4,822.63	1	4,530.56	1	4,238.90	1	3,942.69	1	3,574.49	1	3,202.95	1	2,831.39		
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	4,816.54	1 1/4	4,524.47	1 1/4	4,232.83	1 1/4	3,935.69	1 1/4	3,566.74	1 1/4	3,195.21	1 1/4	2,823.65		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,810.45	1 1/2	4,518.38	1 1/2	4,226.76	1 1/2	3,928.69	1 1/2	3,559.00	1 1/2	3,187.48	1 1/2	2,815.90		
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	4,804.37	1 3/4	4,512.30	1 3/4	4,220.69	1 3/4	3,921.26	1 3/4	3,551.26	1 3/4	3,179.73	1 3/4	2,808.17		
2	2	2	2	2	4,798.28	2	4,506.21	2	4,214.62	2	3,913.87	2	3,543.52	2	3,171.99	2	2,800.43		
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	4,792.20	2 1/4	4,500.13	2 1/4	4,208.55	2 1/4	3,906.46	2 1/4	3,535.78	2 1/4	3,164.24	2 1/4	2,792.69		
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	4,786.12	2 1/2	4,494.05	2 1/2	4,202.48	2 1/2	3,899.05	2 1/2	3,528.05	2 1/2	3,156.50	2 1/2	2,784.95		
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	4,780.03	2 3/4	4,487.96	2 3/4	4,196.40	2 3/4	3,891.37	2 3/4	3,520.31	2 3/4	3,148.76	2 3/4	2,777.21		
3	3	3	3	3	4,773.95	3	4,481.88	3	4,190.33	3	3,883.70	3	3,512.57	3	3,141.02	3	2,769.46		
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	4,767.87	3 1/4	4,475.80	3 1/4	4,184.26	3 1/4	3,876.03	3 1/4	3,504.83	3 1/4	3,133.28	3 1/4	2,761.72		
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	4,761.78	3 1/2	4,469.71	3 1/2	4,178.19	3 1/2	3,868.36	3 1/2	3,497.09	3 1/2	3,125.55	3 1/2	2,753.98		
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	4,755.70	3 3/4	4,463.63	3 3/4	4,172.11	3 3/4	3,860.63	3 3/4	3,489.35	3 3/4	3,117.81	3 3/4	2,746.24		
4	4	4	4	4	4,749.62	4	4,457.55	4	4,166.03	4	3,852.90	4	3,481.61	4	3,110.07	4	2,738.50		
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4,743.53	4 1/4	4,451.46	4 1/4	4,159.96	4 1/4	3,845.18	4 1/4	3,473.86	4 1/4	3,102.33	4 1/4	2,730.76		
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4,737.45	4 1/2	4,445.38	4 1/2	4,153.88	4 1/2	3,837.45	4 1/2	3,466.12	4 1/2	3,094.59	4 1/2	2,723.02		
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4,731.36	4 3/4	4,439.29	4 3/4	4,147.81	4 3/4	3,829.73	4 3/4	3,458.38	4 3/4	3,086.85	4 3/4	2,715.28		
5	5	5	5	5	4,725.27	5	4,433.20	5	4,141.74	5	3,822.00	5	3,450.64	5	3,079.11	5	2,707.53		
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	4,719.18	5 1/4	4,427.11	5 1/4	4,135.67	5 1/4	3,814.27	5 1/4	3,442.90	5 1/4	3,071.36	5 1/4	2,699.79		
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	4,713.09	5 1/2	4,421.02	5 1/2	4,129.59	5 1/2	3,806.55	5 1/2	3,435.17	5 1/2	3,063.62	5 1/2	2,692.05		
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	4,707.01	5 3/4	4,414.94	5 3/4	4,123.52	5 3/4	3,798.82	5 3/4	3,427.43	5 3/4	3,055.88	5 3/4	2,684.31		
6	6	6	6	6	4,700.93	6	4,408.86	6	4,117.45	6	3,791.09	6	3,419.69	6	3,048.14	6	2,676.57		
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	4,694.84	6 1/4	4,402.77	6 1/4	4,111.38	6 1/4	3,783.37	6 1/4	3,411.95	6 1/4	3,040.40	6 1/4	2,668.83		
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	4,688.76	6 1/2	4,396.69	6 1/2	4,105.31	6 1/2	3,775.64	6 1/2	3,404.21	6 1/2	3,032.67	6 1/2	2,661.09		
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	4,682.68	6 3/4	4,390.61	6 3/4	4,099.23	6 3/4	3,767.92	6 3/4	3,396.47	6 3/4	3,024.92	6 3/4	2,653.35		
7	7	7	7	7	4,676.59	7	4,384.52	7	4,093.15	7	3,760.19	7	3,388.73	7	3,017.18	7	2,645.61		
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	4,670.51	7 1/4	4,378.44	7 1/4	4,087.08	7 1/4	3,752.46	7 1/4	3,380.98	7 1/4	3,009.43	7 1/4	2,637.86		
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	4,664.43	7 1/2	4,372.36	7 1/2	4,081.00	7 1/2	3,744.74	7 1/2	3,373.24	7 1/2	3,001.69	7 1/2	2,630.12		
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	4,658.34	7 3/4	4,366.29	7 3/4	4,074.91	7 3/4	3,737.01	7 3/4	3,365.50	7 3/4	2,993.95	7 3/4	2,622.38		
8	8	8	8	8	4,652.26	8	4,360.23	8	4,068.82	8	3,729.27	8	3,357.76	8	2,986.21	8	2,614.64		
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	4,646.18	8 1/4	4,354.16	8 1/4	4,062.73	8 1/4	3,721.54	8 1/4	3,350.02	8 1/4	2,978.48	8 1/4	2,606.90		
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	4,640.09	8 1/2	4,348.09	8 1/2	4,056.64	8 1/2	3,713.81	8 1/2	3,342.28	8 1/2	2,970.74	8 1/2	2,599.17		
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	4,633.99	8 3/4	4,342.03	8 3/4	4,050.56	8 3/4	3,706.06	8 3/4	3,334.55	8 3/4	2,962.99	8 3/4	2,591.42		
9	9	9	9	9	4,627.92	9	4,335.96	9	4,044.48	9	3,698.32	9	3,326.81	9	2,955.25	9	2,583.68		
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	4,621.83	9 1/4	4,329.92	9 1/4	4,038.39	9 1/4	3,690.58	9 1/4	3,319.07	9 1/4	2,947.50	9 1/4	2,575.93		
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	4,615.74	9 1/2	4,323.86	9 1/2	4,032.31	9 1/2	3,682.83	9 1/2	3,311.33	9 1/2	2,939.76	9 1/2	2,568.19		
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	4,609.65	9 3/4	4,317.80	9 3/4	4,026.23	9 3/4	3,675.09	9 3/4	3,303.59	9 3/4	2,932.02	9 3/4	2,560.45		
10	10	10	10	10	4,603.57	10	4,311.74	10	4,020.14	10	3,667.36	10	3,295.84	10	2,924.28	10	2,552.71		
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	4,600.43	10 1/4	4,305.68	10 1/4	4,014.06	10 1/4	3,659.62	10 1/4	3,288.10	10 1/4	2,916.55	10 1/4	2,544.98		
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	4,600.40	10 1/2	4,305.65	10 1/2	4,014.03	10 1/2	3,659.59	10 1/2	3,288.07	10 1/2	2,916.52	10 1/2	2,544.95		
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	4,594.32	10 3/4	4,299.57	10 3/4	4,007.94	10 3/4	3,651.88	10 3/4	3,280.36	10 3/4	2,908.81	10 3/4	2,537.24		
11	11	11	11	11	4,588.24	11	4,293.49	11	4,001.86	11	3,644.14	11	3,272.62	11	2,901.06	11	2,529.50		
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	4,582.15	11 1/4	4,287.41	11 1/4	3,995.77	11 1/4	3,636.40	11 1/4	3,264.88	11 1/4	2,893.32	11 1/4	2,521.76		
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	4,576.07	11 1/2	4,281.33	11 1/2	3,989.69	11 1/2	3,628.67	11 1/2	3,257.14	11 1/2	2,885.58	11 1/2	2,514.02		
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	4,569.99	11 3/4	4,275.25	11 3/4	3,983.61	11 3/4	3,620.93	11 3/4	3,249.40	11 3/4	2,877.83	11 3/4	2,506.28		
12	12	12	12	12	4,563.90	12	4,269.17	12	3,977.52	12	3,613.19	12	3,241.66	12	2,870.09	12	2,498.54		

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 UNDERSIDE OF DECK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2692
Pearland, Texas 77588
http://www.pmacorp.net



BARGE "WEB 310"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-08 1/2"

10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.									
0	2,490.80	0	2,119.23	0	1,747.69	0	1,376.18	0	1,004.63	0	633.13	0	262.88	0		0		
1/4	2,483.05	1/4	2,111.48	1/4	1,739.95	1/4	1,368.43	1/4	996.89	1/4	625.41	1/4	255.14	1/4		1/4		
1/2	2,475.31	1/2	2,103.74	1/2	1,732.21	1/2	1,360.69	1/2	989.14	1/2	617.69	1/2	247.40	1/2		1/2		
3/4	2,467.57	3/4	2,096.00	3/4	1,724.48	3/4	1,352.95	3/4	981.40	3/4	609.98	3/4	239.83	3/4		3/4		
1	2,459.83	1	2,088.26	1	1,716.74	1	1,345.21	1	973.67	1	602.26	1	232.25	1		1		
1 1/4	2,452.09	1 1/4	2,080.52	1 1/4	1,709.00	1 1/4	1,337.48	1 1/4	965.93	1 1/4	594.55	1 1/4	224.67	1 1/4		1 1/4		
1 1/2	2,444.36	1 1/2	2,072.78	1 1/2	1,701.26	1 1/2	1,329.74	1 1/2	958.19	1 1/2	586.83	1 1/2	217.09	1 1/2		1 1/2		
3/4	2,436.61	3/4	2,065.04	3/4	1,693.52	3/4	1,321.99	3/4	950.45	3/4	579.12	3/4	209.57	3/4		3/4		
2	2,428.87	2	2,057.30	2	1,685.77	2	1,314.25	2	942.70	2	571.40	2	202.05	2		2		
1 1/4	2,421.12	1 1/4	2,049.55	1 1/4	1,678.03	1 1/4	1,306.50	1 1/4	934.96	1 1/4	563.69	1 1/4	194.52	1 1/4		1 1/4		
1 1/2	2,413.38	1 1/2	2,041.81	1 1/2	1,670.28	1 1/2	1,298.76	1 1/2	927.21	1 1/2	555.98	1 1/2	187.00	1 1/2		1 1/2		
3/4	2,405.64	3/4	2,034.07	3/4	1,662.55	3/4	1,291.02	3/4	919.48	3/4	548.27	3/4	179.48	3/4		3/4		
3	2,397.90	3	2,026.33	3	1,654.81	3	1,283.28	3	911.74	3	540.56	3	171.95	3		3		
1 1/4	2,390.17	1 1/4	2,018.69	1 1/4	1,647.07	1 1/4	1,275.55	1 1/4	904.00	1 1/4	532.85	1 1/4	164.43	1 1/4		1 1/4		
1 1/2	2,382.43	1 1/2	2,010.96	1 1/2	1,639.33	1 1/2	1,267.81	1 1/2	896.26	1 1/2	525.14	1 1/2	156.90	1 1/2		1 1/2		
3/4	2,374.68	3/4	2,003.12	3/4	1,631.59	3/4	1,260.07	3/4	888.52	3/4	517.43	3/4	149.37	3/4		3/4		
4	2,366.94	4	1,995.38	4	1,623.86	4	1,252.33	4	880.78	4	509.71	4	141.83	4		4		
1 1/4	2,359.20	1 1/4	1,987.64	1 1/4	1,616.12	1 1/4	1,244.59	1 1/4	873.05	1 1/4	502.00	1 1/4	134.30	1 1/4		1 1/4		
1 1/2	2,351.45	1 1/2	1,979.90	1 1/2	1,608.38	1 1/2	1,236.86	1 1/2	865.31	1 1/2	494.28	1 1/2	126.76	1 1/2		1 1/2		
3/4	2,343.71	3/4	1,972.16	3/4	1,600.64	3/4	1,229.11	3/4	857.56	3/4	486.57	3/4	119.23	3/4		3/4		
5	2,335.98	5	1,964.42	5	1,592.90	5	1,221.37	5	849.82	5	478.86	5	111.69	5		5		
1 1/4	2,328.24	1 1/4	1,956.67	1 1/4	1,585.17	1 1/4	1,213.62	1 1/4	842.08	1 1/4	471.14	1 1/4	104.15	1 1/4		1 1/4		
1 1/2	2,320.50	1 1/2	1,948.93	1 1/2	1,577.43	1 1/2	1,205.88	1 1/2	834.33	1 1/2	463.43	1 1/2	96.62	1 1/2		1 1/2		
3/4	2,312.75	3/4	1,941.19	3/4	1,569.68	3/4	1,198.14	3/4	826.59	3/4	455.72	3/4	89.08	3/4		3/4		
6	2,305.01	6	1,933.45	6	1,561.94	6	1,190.40	6	818.86	6	448.01	6	81.53	6		6		
1 1/4	2,297.27	1 1/4	1,925.71	1 1/4	1,554.20	1 1/4	1,182.67	1 1/4	811.12	1 1/4	440.30	1 1/4	73.99	1 1/4		1 1/4		
1 1/2	2,289.52	1 1/2	1,917.98	1 1/2	1,546.45	1 1/2	1,174.93	1 1/2	803.38	1 1/2	432.59	1 1/2	66.45	1 1/2		1 1/2		
3/4	2,281.78	3/4	1,910.23	3/4	1,538.71	3/4	1,167.18	3/4	795.64	3/4	424.88	3/4	58.94	3/4		3/4		
7	2,274.05	7	1,902.49	7	1,530.98	7	1,159.44	7	787.89	7	417.17	7	52.83	7		7		
1 1/4	2,266.31	1 1/4	1,894.74	1 1/4	1,523.24	1 1/4	1,151.70	1 1/4	780.15	1 1/4	409.45	1 1/4	46.02	1 1/4		1 1/4		
1 1/2	2,258.57	1 1/2	1,887.00	1 1/2	1,515.50	1 1/2	1,143.95	1 1/2	772.40	1 1/2	401.74	1 1/2	39.21	1 1/2		1 1/2		
3/4	2,250.83	3/4	1,879.26	3/4	1,507.76	3/4	1,136.21	3/4	764.67	3/4	394.03	3/4	34.10	3/4		3/4		
8	2,243.08	8	1,871.52	8	1,500.02	8	1,128.48	8	756.93	8	386.32	8	28.99	8		8		
1 1/4	2,235.34	1 1/4	1,863.78	1 1/4	1,492.28	1 1/4	1,120.74	1 1/4	749.19	1 1/4	378.61	1 1/4	23.87	1 1/4		1 1/4		
1 1/2	2,227.59	1 1/2	1,856.05	1 1/2	1,484.55	1 1/2	1,113.00	1 1/2	741.45	1 1/2	370.90	1 1/2	18.76	1 1/2		1 1/2		
3/4	2,219.86	3/4	1,848.30	3/4	1,476.81	3/4	1,105.26	3/4	733.71	3/4	363.19	3/4		3/4		3/4		
9	2,212.12	9	1,840.56	9	1,469.07	9	1,097.51	9	725.96	9	355.48	9		9		9		
1 1/4	2,204.38	1 1/4	1,832.81	1 1/4	1,461.33	1 1/4	1,089.77	1 1/4	718.22	1 1/4	347.76	1 1/4		1 1/4		1 1/4		
1 1/2	2,196.64	1 1/2	1,825.07	1 1/2	1,453.59	1 1/2	1,082.02	1 1/2	710.48	1 1/2	340.05	1 1/2		1 1/2		1 1/2		
3/4	2,188.90	3/4	1,817.33	3/4	1,445.85	3/4	1,074.28	3/4	702.74	3/4	332.33	3/4		3/4		3/4		
10	2,181.15	10	1,809.59	10	1,438.11	10	1,066.55	10	695.00	10	324.62	10		10		10		
1 1/4	2,173.41	1 1/4	1,801.86	1 1/4	1,430.36	1 1/4	1,058.81	1 1/4	687.26	1 1/4	316.90	1 1/4		1 1/4		1 1/4		
1 1/2	2,165.67	1 1/2	1,794.12	1 1/2	1,422.62	1 1/2	1,051.07	1 1/2	679.52	1 1/2	309.19	1 1/2		1 1/2		1 1/2		
3/4	2,157.93	3/4	1,786.38	3/4	1,414.88	3/4	1,043.33	3/4	671.78	3/4	301.48	3/4		3/4		3/4		
11	2,150.19	11	1,778.64	11	1,407.14	11	1,035.59	11	664.05	11	293.77	11		11		11		
1 1/4	2,142.45	1 1/4	1,770.90	1 1/4	1,399.40	1 1/4	1,027.86	1 1/4	656.31	1 1/4	286.06	1 1/4		1 1/4		1 1/4		
1 1/2	2,134.71	1 1/2	1,763.17	1 1/2	1,391.67	1 1/2	1,020.12	1 1/2	648.57	1 1/2	278.36	1 1/2		1 1/2		1 1/2		
3/4	2,126.97	3/4	1,755.43	3/4	1,383.92	3/4	1,012.37	3/4	640.85	3/4	270.62	3/4		3/4		3/4		

STRAPPED: 10/27/2000 ITS
DECK MEASUREMENTS: 03/12/2010 SW
REPRINTED: 03/15/2010 SW

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BARGE "WEB 310"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

IN	0 FT.	2	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0		0	0	4,835.88	0	4,544.17	0	4,252.91	0	3,958.90	0	3,592.09	0	3,220.45	0	2,848.81		
1/4	1/4	1/4	1/4	1/4	4,829.81	1/4	4,538.09	1/4	4,246.84	1/4	3,951.91	1/4	3,584.35	1/4	3,212.71	1/4	2,841.06		
1/2	1/2	1/2	1/2	1/2	4,823.73	1/2	4,532.01	1/2	4,240.77	1/2	3,944.92	1/2	3,576.61	1/2	3,204.96	1/2	2,833.32		
3/4	3/4	3/4	3/4	3/4	4,817.65	3/4	4,525.94	3/4	4,234.71	3/4	3,937.92	3/4	3,568.85	3/4	3,197.22	3/4	2,825.58		
1	1	1	1	1	4,811.57	1	4,519.86	1	4,228.64	1	3,930.93	1	3,561.12	1	3,189.48	1	2,817.83		
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	4,805.50	1 1/4	4,513.78	1 1/4	4,222.58	1 1/4	3,923.51	1 1/4	3,553.37	1 1/4	3,181.74	1 1/4	2,810.09		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,799.42	1 1/2	4,507.70	1 1/2	4,216.51	1 1/2	3,916.10	1 1/2	3,545.63	1 1/2	3,174.00	1 1/2	2,802.34		
3/4	3/4	3/4	3/4	3/4	4,793.34	3/4	4,501.63	3/4	4,210.45	3/4	3,908.68	3/4	3,537.89	3/4	3,166.26	3/4	2,794.60		
2	2	2	2	2	4,787.26	2	4,495.55	2	4,204.38	2	3,901.26	2	3,530.14	2	3,158.52	2	2,786.86		
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	4,781.19	1 3/4	4,489.47	1 3/4	4,198.32	1 3/4	3,893.58	1 3/4	3,522.40	1 3/4	3,150.78	1 3/4	2,779.11		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,775.11	1 1/2	4,483.39	1 1/2	4,192.25	1 1/2	3,885.90	1 1/2	3,514.67	1 1/2	3,143.04	1 1/2	2,771.37		
3/4	3/4	3/4	3/4	3/4	4,769.03	3/4	4,477.32	3/4	4,186.18	3/4	3,878.23	3/4	3,506.93	3/4	3,135.29	3/4	2,763.62		
3	3	3	3	3	4,762.95	3	4,471.24	3	4,180.12	3	3,870.55	3	3,499.19	3	3,127.55	3	2,755.88		
1 5/4	1 5/4	1 5/4	1 5/4	1 5/4	4,756.88	1 5/4	4,465.16	1 5/4	4,174.05	1 5/4	3,862.82	1 5/4	3,491.45	1 5/4	3,119.80	1 5/4	2,748.14		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,750.80	1 1/2	4,459.08	1 1/2	4,167.99	1 1/2	3,855.10	1 1/2	3,483.70	1 1/2	3,112.06	1 1/2	2,740.39		
3/4	3/4	3/4	3/4	3/4	4,744.72	3/4	4,453.01	3/4	4,161.92	3/4	3,847.37	3/4	3,475.96	3/4	3,104.32	3/4	2,732.65		
4	4	4	4	4	4,738.64	4	4,446.93	4	4,155.86	4	3,839.64	4	3,468.21	4	3,096.57	4	2,724.90		
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	4,732.57	1 3/4	4,440.85	1 3/4	4,149.80	1 3/4	3,831.92	1 3/4	3,460.47	1 3/4	3,088.83	1 3/4	2,717.17		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,726.49	1 1/2	4,434.77	1 1/2	4,143.74	1 1/2	3,824.19	1 1/2	3,452.73	1 1/2	3,081.08	1 1/2	2,709.43		
3/4	3/4	3/4	3/4	3/4	4,720.41	3/4	4,428.70	3/4	4,137.68	3/4	3,816.46	3/4	3,444.98	3/4	3,073.34	3/4	2,701.69		
5	5	5	5	5	4,714.33	5	4,422.62	5	4,131.62	5	3,808.74	5	3,437.24	5	3,065.60	5	2,693.95		
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	4,708.26	1 1/4	4,416.54	1 1/4	4,125.55	1 1/4	3,801.01	1 1/4	3,429.50	1 1/4	3,057.85	1 1/4	2,686.21		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,702.18	1 1/2	4,410.46	1 1/2	4,119.49	1 1/2	3,793.29	1 1/2	3,421.76	1 1/2	3,050.11	1 1/2	2,678.46		
3/4	3/4	3/4	3/4	3/4	4,696.10	3/4	4,404.39	3/4	4,113.42	3/4	3,785.56	3/4	3,414.02	3/4	3,042.36	3/4	2,670.72		
6	6	6	6	6	4,690.02	6	4,398.31	6	4,107.36	6	3,777.83	6	3,406.29	6	3,034.62	6	2,662.98		
1 5/4	1 5/4	1 5/4	1 5/4	1 5/4	4,683.95	1 5/4	4,392.24	1 5/4	4,101.28	1 5/4	3,770.10	1 5/4	3,398.54	1 5/4	3,026.88	1 5/4	2,655.23		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,677.87	1 1/2	4,386.18	1 1/2	4,095.20	1 1/2	3,762.37	1 1/2	3,390.80	1 1/2	3,019.14	1 1/2	2,647.49		
3/4	3/4	3/4	3/4	3/4	4,671.79	3/4	4,380.11	3/4	4,089.13	3/4	3,754.64	3/4	3,383.05	3/4	3,011.40	3/4	2,639.74		
7	7	7	7	7	4,665.72	7	4,374.05	7	4,083.05	7	3,746.90	7	3,375.31	7	3,003.67	7	2,632.00		
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	4,659.64	1 3/4	4,367.99	1 3/4	4,076.97	1 3/4	3,739.17	1 3/4	3,367.57	1 3/4	2,995.92	1 3/4	2,624.26		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,653.56	1 1/2	4,361.93	1 1/2	4,070.89	1 1/2	3,731.43	1 1/2	3,359.83	1 1/2	2,988.18	1 1/2	2,616.51		
3/4	3/4	3/4	3/4	3/4	4,647.48	3/4	4,355.87	3/4	4,064.82	3/4	3,723.69	3/4	3,352.10	3/4	2,980.43	3/4	2,608.77		
8	8	8	8	8	4,641.41	8	4,349.81	8	4,058.74	8	3,715.95	8	3,344.36	8	2,972.69	8	2,601.02		
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	4,635.33	1 1/4	4,343.76	1 1/4	4,052.67	1 1/4	3,708.21	1 1/4	3,336.61	1 1/4	2,964.95	1 1/4	2,593.28		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,629.25	1 1/2	4,337.71	1 1/2	4,046.60	1 1/2	3,700.48	1 1/2	3,328.87	1 1/2	2,957.20	1 1/2	2,585.54		
3/4	3/4	3/4	3/4	3/4	4,623.17	3/4	4,331.67	3/4	4,040.52	3/4	3,692.74	3/4	3,321.13	3/4	2,949.46	3/4	2,577.79		
9	9	9	9	9	4,617.10	9	4,325.62	9	4,034.45	9	3,685.00	9	3,313.38	9	2,941.71	9	2,570.05		
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	4,611.02	1 3/4	4,319.57	1 3/4	4,028.38	1 3/4	3,677.26	1 3/4	3,305.64	1 3/4	2,933.97	1 3/4	2,562.31		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,604.94	1 1/2	4,313.51	1 1/2	4,022.30	1 1/2	3,669.51	1 1/2	3,297.89	1 1/2	2,926.23	1 1/2	2,554.57		
3/4	3/4	3/4	3/4	3/4	4,600.45	3/4	4,308.86	3/4	4,016.22	3/4	3,661.77	3/4	3,290.15	3/4	2,918.48	3/4	2,546.83		
10	10	10	10	10	4,594.50	10	4,302.79	10	4,010.14	10	3,654.02	10	3,282.41	10	2,910.74	10	2,539.09		
1 5/4	1 5/4	1 5/4	1 5/4	1 5/4	4,588.42	1 5/4	4,296.71	1 5/4	4,003.92	1 5/4	3,646.28	1 5/4	3,274.66	1 5/4	2,902.99	1 5/4	2,531.35		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,582.35	1 1/2	4,290.63	1 1/2	4,289.27	1 1/2	3,997.69	1 1/2	3,638.64	1 1/2	2,895.25	1 1/2	2,523.61		
3/4	3/4	3/4	3/4	3/4	4,576.27	3/4	4,284.55	3/4	4,283.21	3/4	3,991.46	3/4	3,630.79	3/4	2,887.51	3/4	2,515.86		
11	11	11	11	11	4,570.19	11	4,278.48	11	4,277.14	11	3,985.24	11	3,623.05	11	2,879.76	11	2,508.12		
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	4,564.11	1 3/4	4,272.40	1 3/4	4,271.08	1 3/4	3,978.65	1 3/4	3,615.31	1 3/4	2,872.02	1 3/4	2,500.37		
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	4,558.02	1 1/2	4,266.32	1 1/2	4,265.02	1 1/2	3,972.07	1 1/2	3,607.57	1 1/2	2,864.29	1 1/2	2,492.63		
3/4	3/4	3/4	3/4	3/4	4,551.96	3/4	4,260.24	3/4	4,258.96	3/4	3,965.49	3/4	3,599.83	3/4	2,856.55	3/4	2,484.89		

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 UNDERSIDE OF DECK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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 310"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-08"

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	2,477.14	0	2,105.48	0	1,733.83	0	1,362.17	0	990.50	0	618.83	0	247.24	0		0			
1/4	2,469.40	1/4	2,097.73	1/4	1,726.09	1/4	1,354.42	1/4	982.76	1/4	611.10	1/4	239.66	1/4		1/4			
1/2	2,461.65	1/2	2,089.99	1/2	1,718.35	1/2	1,346.68	1/2	975.01	1/2	603.36	1/2	232.08	1/2		1/2			
3/4	2,453.91	3/4	2,082.24	3/4	1,710.60	3/4	1,338.93	3/4	967.27	3/4	595.62	3/4	224.51	3/4		3/4			
1	2,446.17	1	2,074.50	1	1,702.86	1	1,331.19	1	959.52	1	587.88	1	216.93	1		1			
1 1/4	2,438.42	1 1/4	2,066.76	1 1/4	1,695.11	1 1/4	1,323.45	1 1/4	951.79	1 1/4	580.14	1 1/4	209.40	1 1/4		1 1/4			
1 1/2	2,430.68	1 1/2	2,059.02	1 1/2	1,687.37	1 1/2	1,315.70	1 1/2	944.05	1 1/2	572.39	1 1/2	201.87	1 1/2		1 1/2			
3/4	2,422.93	3/4	2,051.29	3/4	1,679.63	3/4	1,307.96	3/4	936.31	3/4	564.65	3/4	194.34	3/4		3/4			
2	2,415.19	2	2,043.55	2	1,671.88	2	1,300.21	2	928.57	2	556.90	2	186.81	2		2			
1 1/4	2,407.45	1 1/4	2,035.80	1 1/4	1,664.14	1 1/4	1,292.47	1 1/4	920.83	1 1/4	549.17	1 1/4	179.29	1 1/4		1 1/4			
1 1/2	2,399.71	1 1/2	2,028.05	1 1/2	1,656.39	1 1/2	1,284.73	1 1/2	913.08	1 1/2	541.43	1 1/2	171.76	1 1/2		1 1/2			
3/4	2,391.98	3/4	2,020.31	3/4	1,648.65	3/4	1,276.98	3/4	905.34	3/4	533.69	3/4	164.24	3/4		3/4			
3	2,384.24	3	2,012.57	3	1,640.90	3	1,269.24	3	897.60	3	525.95	3	156.71	3		3			
1 1/4	2,376.49	1 1/4	2,004.83	1 1/4	1,633.16	1 1/4	1,261.50	1 1/4	889.85	1 1/4	518.21	1 1/4	149.18	1 1/4		1 1/4			
1 1/2	2,368.75	1 1/2	1,997.08	1 1/2	1,625.42	1 1/2	1,253.76	1 1/2	882.11	1 1/2	510.46	1 1/2	141.65	1 1/2		1 1/2			
3/4	2,361.01	3/4	1,989.34	3/4	1,617.67	3/4	1,246.02	3/4	874.36	3/4	502.72	3/4	134.13	3/4		3/4			
4	2,353.26	4	1,981.59	4	1,609.93	4	1,238.29	4	866.62	4	494.98	4	126.60	4		4			
1 1/4	2,345.52	1 1/4	1,973.85	1 1/4	1,602.19	1 1/4	1,230.54	1 1/4	858.88	1 1/4	487.23	1 1/4	119.07	1 1/4		1 1/4			
1 1/2	2,337.77	1 1/2	1,966.11	1 1/2	1,594.45	1 1/2	1,222.80	1 1/2	851.13	1 1/2	479.49	1 1/2	111.54	1 1/2		1 1/2			
3/4	2,330.03	3/4	1,958.36	3/4	1,586.71	3/4	1,215.05	3/4	843.39	3/4	471.74	3/4	104.01	3/4		3/4			
5	2,322.29	5	1,950.62	5	1,578.98	5	1,207.31	5	835.64	5	464.00	5	96.48	5		5			
1 1/4	2,314.54	1 1/4	1,942.87	1 1/4	1,571.23	1 1/4	1,199.57	1 1/4	827.90	1 1/4	456.26	1 1/4	88.95	1 1/4		1 1/4			
1 1/2	2,306.80	1 1/2	1,935.13	1 1/2	1,563.49	1 1/2	1,191.82	1 1/2	820.15	1 1/2	448.52	1 1/2	81.43	1 1/2		1 1/2			
3/4	2,299.05	3/4	1,927.39	3/4	1,555.74	3/4	1,184.08	3/4	812.41	3/4	440.79	3/4	73.90	3/4		3/4			
6	2,291.31	6	1,919.64	6	1,548.00	6	1,176.33	6	804.67	6	433.05	6	66.38	6		6			
1 1/4	2,283.57	1 1/4	1,911.90	1 1/4	1,540.26	1 1/4	1,168.59	1 1/4	796.93	1 1/4	425.30	1 1/4	59.88	1 1/4		1 1/4			
1 1/2	2,275.82	1 1/2	1,904.17	1 1/2	1,532.51	1 1/2	1,160.85	1 1/2	789.19	1 1/2	417.56	1 1/2	52.77	1 1/2		1 1/2			
3/4	2,268.08	3/4	1,896.43	3/4	1,524.77	3/4	1,153.10	3/4	781.45	3/4	409.82	3/4	45.97	3/4		3/4			
7	2,260.33	7	1,888.69	7	1,517.02	7	1,145.36	7	773.71	7	402.07	7	39.17	7		7			
1 1/4	2,252.59	1 1/4	1,880.95	1 1/4	1,509.28	1 1/4	1,137.61	1 1/4	765.97	1 1/4	394.33	1 1/4	34.06	1 1/4		1 1/4			
1 1/2	2,244.85	1 1/2	1,873.20	1 1/2	1,501.54	1 1/2	1,129.87	1 1/2	758.23	1 1/2	386.60	1 1/2	28.95	1 1/2		1 1/2			
3/4	2,237.10	3/4	1,865.46	3/4	1,493.79	3/4	1,122.12	3/4	750.48	3/4	378.86	3/4	23.85	3/4		3/4			
8	2,229.36	8	1,857.71	8	1,486.05	8	1,114.38	8	742.74	8	371.12	8	18.74	8		8			
1 1/4	2,221.62	1 1/4	1,849.97	1 1/4	1,478.30	1 1/4	1,106.64	1 1/4	734.99	1 1/4	363.37	1 1/4		1 1/4		1 1/4			
1 1/2	2,213.88	1 1/2	1,842.23	1 1/2	1,470.56	1 1/2	1,098.91	1 1/2	727.25	1 1/2	355.63	1 1/2		1 1/2		1 1/2			
3/4	2,206.14	3/4	1,834.48	3/4	1,462.82	3/4	1,091.17	3/4	719.51	3/4	347.89	3/4		3/4		3/4			
9	2,198.40	9	1,826.74	9	1,455.07	9	1,083.43	9	711.76	9	340.14	9		9		9			
1 1/4	2,190.66	1 1/4	1,818.99	1 1/4	1,447.33	1 1/4	1,075.69	1 1/4	704.02	1 1/4	332.40	1 1/4		1 1/4		1 1/4			
1 1/2	2,182.92	1 1/2	1,811.25	1 1/2	1,439.58	1 1/2	1,067.94	1 1/2	696.27	1 1/2	324.67	1 1/2		1 1/2		1 1/2			
3/4	2,175.17	3/4	1,803.51	3/4	1,431.84	3/4	1,060.20	3/4	688.53	3/4	316.93	3/4		3/4		3/4			
10	2,167.43	10	1,795.76	10	1,424.10	10	1,052.45	10	680.79	10	309.19	10		10		10			
1 1/4	2,159.68	1 1/4	1,788.02	1 1/4	1,416.36	1 1/4	1,044.71	1 1/4	673.04	1 1/4	301.45	1 1/4		1 1/4		1 1/4			
1 1/2	2,151.94	1 1/2	1,780.27	1 1/2	1,408.62	1 1/2	1,036.96	1 1/2	665.30	1 1/2	293.70	1 1/2		1 1/2		1 1/2			
3/4	2,144.20	3/4	1,772.53	3/4	1,400.88	3/4	1,029.22	3/4	657.55	3/4	285.96	3/4		3/4		3/4			
11	2,136.45	11	1,764.79	11	1,393.14	11	1,021.48	11	649.81	11	278.21	11		11		11			
1 1/4	2,128.71	1 1/4	1,757.05	1 1/4	1,385.40	1 1/4	1,013.73	1 1/4	642.07	1 1/4	270.47	1 1/4		1 1/4		1 1/4			
1 1/2	2,120.96	1 1/2	1,749.31	1 1/2	1,377.65	1 1/2	1,005.99	1 1/2	634.32	1 1/2	262.73	1 1/2		1 1/2		1 1/2			
3/4	2,113.22	3/4	1,741.57	3/4	1,369.91	3/4	998.24	3/4	626.58	3/4	254.98	3/4		3/4		3/4			

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