



BARGE "DBL 82"

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 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2

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

LENGTH BETWEEN DRAFT MARKS: 166'-00"

November 27, 2008

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

<http://www.pmacorp.net>



BARGE "DBL 82"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	1,690.06	0	1,433.30	0	1,177.14	0	920.52	0	663.91	0	412.37	0	155.51	0					
1/4	1,684.71	1/4	1,427.96	1/4	1,171.79	1/4	915.18	1/4	658.60	1/4	407.02	1/4	150.16	1/4					
1/2	1,679.37	1/2	1,422.62	1/2	1,166.44	1/2	909.83	1/2	653.28	1/2	401.66	1/2	144.81	1/2					
3/4	1,674.02	3/4	1,417.28	3/4	1,161.10	3/4	904.48	3/4	647.97	3/4	396.31	3/4	139.46	3/4					
1	1,668.67	1	1,411.93	1	1,155.75	1	899.14	1	642.65	1	390.96	1	134.11	1					
1/4	1,663.32	1/4	1,406.60	1/4	1,150.41	1/4	893.79	1/4	637.40	1/4	385.61	1/4	128.76	1/4					
1/2	1,657.97	1/2	1,401.26	1/2	1,145.06	1/2	888.45	1/2	632.15	1/2	380.26	1/2	123.42	1/2					
3/4	1,652.62	3/4	1,395.93	3/4	1,139.71	3/4	883.10	3/4	626.90	3/4	374.91	3/4	118.07	3/4					
2	1,647.27	2	1,390.59	2	1,134.37	2	877.75	2	621.64	2	369.56	2	112.73	2					
1/4	1,641.92	1/4	1,385.26	1/4	1,129.02	1/4	872.41	1/4	616.42	1/4	364.21	1/4	107.39	1/4					
1/2	1,636.57	1/2	1,379.92	1/2	1,123.67	1/2	867.06	1/2	611.21	1/2	358.85	1/2	102.06	1/2					
3/4	1,631.22	3/4	1,374.59	3/4	1,118.33	3/4	861.72	3/4	605.99	3/4	353.50	3/4	96.72	3/4					
3	1,625.87	3	1,369.25	3	1,112.98	3	856.37	3	600.77	3	348.15	3	91.39	3					
1/4	1,620.52	1/4	1,363.92	1/4	1,107.64	1/4	851.02	1/4	595.55	1/4	342.80	1/4	86.06	1/4					
1/2	1,615.18	1/2	1,358.58	1/2	1,102.29	1/2	845.68	1/2	590.33	1/2	337.45	1/2	80.74	1/2					
3/4	1,609.83	3/4	1,353.25	3/4	1,096.94	3/4	840.33	3/4	585.11	3/4	332.10	3/4	75.42	3/4					
4	1,604.48	4	1,347.92	4	1,091.60	4	834.99	4	579.89	4	326.75	4	70.09	4					
1/4	1,599.13	1/4	1,342.58	1/4	1,086.25	1/4	829.64	1/4	574.68	1/4	321.40	1/4	64.80	1/4					
1/2	1,593.78	1/2	1,337.25	1/2	1,080.91	1/2	824.29	1/2	569.46	1/2	316.04	1/2	59.50	1/2					
3/4	1,588.43	3/4	1,331.91	3/4	1,075.56	3/4	818.95	3/4	564.24	3/4	310.69	3/4	54.21	3/4					
5	1,583.08	5	1,326.58	5	1,070.21	5	813.60	5	559.02	5	305.34	5	48.91	5					
1/4	1,577.73	1/4	1,321.24	1/4	1,064.87	1/4	808.25	1/4	553.80	1/4	299.99	1/4	43.76	1/4					
1/2	1,572.38	1/2	1,315.91	1/2	1,059.52	1/2	802.91	1/2	548.58	1/2	294.64	1/2	38.61	1/2					
3/4	1,567.03	3/4	1,310.57	3/4	1,054.18	3/4	797.56	3/4	543.37	3/4	289.29	3/4	33.46	3/4					
6	1,561.68	6	1,305.24	6	1,048.83	6	792.22	6	538.15	6	283.94	6	28.32	6					
1/4	1,556.33	1/4	1,299.90	1/4	1,043.48	1/4	786.87	1/4	532.93	1/4	278.59	1/4	24.20	1/4					
1/2	1,550.98	1/2	1,294.57	1/2	1,038.14	1/2	781.52	1/2	527.71	1/2	273.24	1/2	20.08	1/2					
3/4	1,545.64	3/4	1,289.23	3/4	1,032.79	3/4	776.18	3/4	522.49	3/4	267.88	3/4	15.96	3/4					
7	1,540.29	7	1,283.90	7	1,027.45	7	770.83	7	517.28	7	262.53	7	11.84	7					
1/4	1,534.94	1/4	1,278.56	1/4	1,022.10	1/4	765.49	1/4	512.06	1/4	257.18	1/4	9.69	1/4					
1/2	1,529.59	1/2	1,273.23	1/2	1,016.75	1/2	760.14	1/2	506.84	1/2	251.83	1/2	7.55	1/2					
3/4	1,524.24	3/4	1,267.89	3/4	1,011.41	3/4	754.79	3/4	501.62	3/4	246.48	3/4	5.40	3/4					
8	1,518.89	8	1,262.56	8	1,006.06	8	749.45	8	496.40	8	241.13	8	3.26	8					
1/4	1,513.54	1/4	1,257.22	1/4	1,000.71	1/4	744.10	1/4	491.18	1/4	235.78	1/4		1/4					
1/2	1,508.19	1/2	1,251.89	1/2	995.37	1/2	738.76	1/2	485.97	1/2	230.43	1/2		1/2					
3/4	1,502.84	3/4	1,246.55	3/4	990.02	3/4	733.41	3/4	480.75	3/4	225.07	3/4		3/4					
9	1,497.49	9	1,241.22	9	984.68	9	728.06	9	475.53	9	219.72	9		9					
1/4	1,492.14	1/4	1,235.88	1/4	979.33	1/4	722.72	1/4	470.31	1/4	214.37	1/4		1/4					
1/2	1,486.79	1/2	1,230.55	1/2	973.98	1/2	717.37	1/2	465.09	1/2	209.02	1/2		1/2					
3/4	1,481.45	3/4	1,225.21	3/4	968.64	3/4	712.03	3/4	459.87	3/4	203.67	3/4		3/4					
10	1,476.10	10	1,219.88	10	963.29	10	706.68	10	454.65	10	198.32	10		10					
1/4	1,470.75	1/4	1,214.54	1/4	957.95	1/4	701.33	1/4	449.40	1/4	192.97	1/4		1/4					
1/2	1,465.40	1/2	1,209.20	1/2	952.60	1/2	695.99	1/2	444.15	1/2	187.62	1/2		1/2					
3/4	1,460.05	3/4	1,203.86	3/4	947.25	3/4	690.64	3/4	438.89	3/4	182.26	3/4		3/4					
11	1,454.70	11	1,198.52	11	941.91	11	685.29	11	433.64	11	176.91	11		11					
1/4	1,449.35	1/4	1,193.17	1/4	936.56	1/4	679.95	1/4	428.32	1/4	171.56	1/4		1/4					
1/2	1,444.00	1/2	1,187.83	1/2	931.22	1/2	674.60	1/2	423.00	1/2	166.21	1/2		1/2					
3/4	1,438.65	3/4	1,182.48	3/4	925.87	3/4	669.26	3/4	417.68	3/4	160.86	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2008 CL - SW
CALCULATED: 11/27/2008 CL
PRINTED: 11/27/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

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BARGE "DBL 82"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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	1,887.11	0	1,599.42	0	1,311.73	0	1,024.04	0	736.40	0	455.50	0	167.82	0		0		0	
1/4	1,881.11	1/4	1,593.43	1/4	1,305.74	1/4	1,018.05	1/4	730.45	1/4	449.51	1/4	161.83	1/4		1/4		1/4	
1/2	1,875.12	1/2	1,587.43	1/2	1,299.74	1/2	1,012.06	1/2	724.49	1/2	443.51	1/2	155.84	1/2		1/2		1/2	
3/4	1,869.13	3/4	1,581.44	3/4	1,293.75	3/4	1,006.06	3/4	718.54	3/4	437.52	3/4	149.85	3/4		3/4		3/4	
1	1,863.13	1	1,575.45	1	1,287.76	1	1,000.07	1	712.68	1	431.53	1	143.86	1		1		1	
1/4	1,857.14	1/4	1,569.45	1/4	1,281.76	1/4	994.08	1/4	706.81	1/4	425.53	1/4	137.88	1/4		1/4		1/4	
1/2	1,851.15	1/2	1,563.46	1/2	1,275.77	1/2	988.08	1/2	700.94	1/2	419.54	1/2	131.89	1/2		1/2		1/2	
3/4	1,845.15	3/4	1,557.46	3/4	1,269.78	3/4	982.09	3/4	695.08	3/4	413.55	3/4	125.90	3/4		3/4		3/4	
2	1,839.16	2	1,551.47	2	1,263.78	2	976.10	2	689.25	2	407.55	2	119.93	2		2		2	
1/4	1,833.17	1/4	1,545.48	1/4	1,257.79	1/4	970.10	1/4	683.43	1/4	401.56	1/4	113.96	1/4		1/4		1/4	
1/2	1,827.17	1/2	1,539.48	1/2	1,251.80	1/2	964.11	1/2	677.61	1/2	395.57	1/2	107.98	1/2		1/2		1/2	
3/4	1,821.18	3/4	1,533.49	3/4	1,245.80	3/4	958.11	3/4	671.78	3/4	389.57	3/4	102.01	3/4		3/4		3/4	
3	1,815.19	3	1,527.50	3	1,239.81	3	952.12	3	665.96	3	383.58	3	96.06	3		3		3	
1/4	1,809.19	1/4	1,521.50	1/4	1,233.82	1/4	946.13	1/4	660.14	1/4	377.59	1/4	90.11	1/4		1/4		1/4	
1/2	1,803.20	1/2	1,515.51	1/2	1,227.82	1/2	940.13	1/2	654.32	1/2	371.59	1/2	84.15	1/2		1/2		1/2	
3/4	1,797.20	3/4	1,509.52	3/4	1,221.83	3/4	934.14	3/4	648.50	3/4	365.60	3/4	78.20	3/4		3/4		3/4	
4	1,791.21	4	1,503.52	4	1,215.84	4	928.15	4	642.67	4	359.61	4	72.28	4		4		4	
1/4	1,785.22	1/4	1,497.53	1/4	1,209.84	1/4	922.15	1/4	636.85	1/4	353.61	1/4	66.37	1/4		1/4		1/4	
1/2	1,779.22	1/2	1,491.54	1/2	1,203.85	1/2	916.16	1/2	631.03	1/2	347.62	1/2	60.45	1/2		1/2		1/2	
3/4	1,773.23	3/4	1,485.54	3/4	1,197.85	3/4	910.17	3/4	625.21	3/4	341.63	3/4	54.53	3/4		3/4		3/4	
5	1,767.24	5	1,479.55	5	1,191.86	5	904.17	5	619.39	5	335.63	5	48.77	5		5		5	
1/4	1,761.24	1/4	1,473.56	1/4	1,185.87	1/4	898.18	1/4	613.56	1/4	329.64	1/4	43.02	1/4		1/4		1/4	
1/2	1,755.25	1/2	1,467.56	1/2	1,179.87	1/2	892.19	1/2	607.74	1/2	323.65	1/2	37.27	1/2		1/2		1/2	
3/4	1,749.26	3/4	1,461.57	3/4	1,173.88	3/4	886.19	3/4	601.92	3/4	317.65	3/4	31.51	3/4		3/4		3/4	
6	1,743.26	6	1,455.58	6	1,167.89	6	880.20	6	596.10	6	311.66	6	26.91	6		6		6	
1/4	1,737.27	1/4	1,449.58	1/4	1,161.89	1/4	874.21	1/4	590.27	1/4	305.67	1/4	22.31	1/4		1/4		1/4	
1/2	1,731.28	1/2	1,443.59	1/2	1,155.90	1/2	868.21	1/2	584.45	1/2	299.67	1/2	17.70	1/2		1/2		1/2	
3/4	1,725.28	3/4	1,437.59	3/4	1,149.91	3/4	862.22	3/4	578.63	3/4	293.68	3/4	13.10	3/4		3/4		3/4	
7	1,719.29	7	1,431.60	7	1,143.91	7	856.23	7	572.81	7	287.69	7	10.70	7		7		7	
1/4	1,713.30	1/4	1,425.61	1/4	1,137.92	1/4	850.23	1/4	566.99	1/4	281.69	1/4	8.31	1/4		1/4		1/4	
1/2	1,707.30	1/2	1,419.61	1/2	1,131.93	1/2	844.24	1/2	561.16	1/2	275.70	1/2	5.91	1/2		1/2		1/2	
3/4	1,701.31	3/4	1,413.62	3/4	1,125.93	3/4	838.24	3/4	555.34	3/4	269.71	3/4	3.51	3/4		3/4		3/4	
8	1,695.32	8	1,407.63	8	1,119.94	8	832.25	8	549.52	8	263.71	8		8		8		8	
1/4	1,689.32	1/4	1,401.63	1/4	1,113.95	1/4	826.26	1/4	543.70	1/4	257.72	1/4		1/4		1/4		1/4	
1/2	1,683.33	1/2	1,395.64	1/2	1,107.95	1/2	820.26	1/2	537.87	1/2	251.73	1/2		1/2		1/2		1/2	
3/4	1,677.33	3/4	1,389.65	3/4	1,101.96	3/4	814.27	3/4	532.05	3/4	245.73	3/4		3/4		3/4		3/4	
9	1,671.34	9	1,383.65	9	1,095.97	9	808.28	9	526.23	9	239.74	9		9		9		9	
1/4	1,665.35	1/4	1,377.66	1/4	1,089.97	1/4	802.28	1/4	520.41	1/4	233.75	1/4		1/4		1/4		1/4	
1/2	1,659.35	1/2	1,371.67	1/2	1,083.98	1/2	796.29	1/2	514.58	1/2	227.75	1/2		1/2		1/2		1/2	
3/4	1,653.36	3/4	1,365.67	3/4	1,077.98	3/4	790.30	3/4	508.76	3/4	221.76	3/4		3/4		3/4		3/4	
10	1,647.37	10	1,359.68	10	1,071.99	10	784.30	10	502.89	10	215.77	10		10		10		10	
1/4	1,641.37	1/4	1,353.69	1/4	1,066.00	1/4	778.31	1/4	497.03	1/4	209.77	1/4		1/4		1/4		1/4	
1/2	1,635.38	1/2	1,347.69	1/2	1,060.00	1/2	772.32	1/2	491.16	1/2	203.78	1/2		1/2		1/2		1/2	
3/4	1,629.39	3/4	1,341.70	3/4	1,054.01	3/4	766.32	3/4	485.29	3/4	197.79	3/4		3/4		3/4		3/4	
11	1,623.39	11	1,335.71	11	1,048.02	11	760.33	11	479.34	11	191.79	11		11		11		11	
1/4	1,617.40	1/4	1,329.71	1/4	1,042.02	1/4	754.34	1/4	473.39	1/4	185.80	1/4		1/4		1/4		1/4	
1/2	1,611.41	1/2	1,323.72	1/2	1,036.03	1/2	748.34	1/2	467.44	1/2	179.81	1/2		1/2		1/2		1/2	
3/4	1,605.41	3/4	1,317.72	3/4	1,030.04	3/4	742.35	3/4	461.49	3/4	173.81	3/4		3/4		3/4		3/4	

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