



# BARGE "DBL 83"

## 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	00-1/4	- 00-1/4	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"

December 22, 2008

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 83"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

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		0		0		0	3,349.01	0	3,125.13	0	2,901.55	0	2,677.97	0	2,442.89	0	2,186.27	0	1,929.66		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,344.03	1/4	3,120.47	1/4	2,896.89	1/4	2,673.31	1/4	2,437.54	1/4	2,180.93	1/4	1,924.31		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,339.38	1/2	3,115.81	1/2	2,892.23	1/2	2,668.65	1/2	2,432.19	1/2	2,175.58	1/2	1,918.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,334.74	3/4	3,111.15	3/4	2,887.57	3/4	2,664.00	3/4	2,426.85	3/4	2,170.24	3/4	1,913.62		
1	1	1	1	1	1	1	3,330.09	1	3,106.50	1	2,882.92	1	2,659.34	1	2,421.50	1	2,164.89	1	1,908.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,325.44	1/4	3,101.84	1/4	2,878.26	1/4	2,654.68	1/4	2,416.16	1/4	2,159.54	1/4	1,902.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,320.79	1/2	3,097.18	1/2	2,873.60	1/2	2,650.02	1/2	2,410.81	1/2	2,154.20	1/2	1,897.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,316.13	3/4	3,092.52	3/4	2,868.94	3/4	2,645.36	3/4	2,405.46	3/4	2,148.85	3/4	1,892.24		
2	2	2	2	2	2	2	3,311.47	2	3,087.86	2	2,864.29	2	2,640.71	2	2,400.12	2	2,143.50	2	1,886.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,306.82	1/4	3,083.21	1/4	2,859.63	1/4	2,636.05	1/4	2,394.77	1/4	2,138.16	1/4	1,881.55		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,302.16	1/2	3,078.55	1/2	2,854.97	1/2	2,631.39	1/2	2,389.43	1/2	2,132.81	1/2	1,876.20		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,297.50	3/4	3,073.89	3/4	2,850.31	3/4	2,626.73	3/4	2,384.08	3/4	2,127.47	3/4	1,870.85		
3	3	3	3	3	3	3	3,292.84	3	3,069.23	3	2,845.65	3	2,622.07	3	2,378.73	3	2,122.12	3	1,865.51		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,288.17	1/4	3,064.58	1/4	2,841.00	1/4	2,617.42	1/4	2,373.39	1/4	2,116.77	1/4	1,860.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,283.51	1/2	3,059.92	1/2	2,836.34	1/2	2,612.76	1/2	2,368.04	1/2	2,111.43	1/2	1,854.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,278.85	3/4	3,055.26	3/4	2,831.68	3/4	2,608.11	3/4	2,362.69	3/4	2,106.08	3/4	1,849.47		
4	4	4	4	4	4	4	3,274.19	4	3,050.60	4	2,827.02	4	2,603.46	4	2,357.35	4	2,100.74	4	1,844.12		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,269.53	1/4	3,045.94	1/4	2,822.36	1/4	2,598.81	1/4	2,352.00	1/4	2,095.39	1/4	1,838.78		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,264.87	1/2	3,041.29	1/2	2,817.71	1/2	2,594.16	1/2	2,346.66	1/2	2,090.04	1/2	1,833.43		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,260.21	3/4	3,036.63	3/4	2,813.05	3/4	2,589.52	3/4	2,341.31	3/4	2,084.70	3/4	1,828.08		
5	5	5	5	5	5	5	3,255.55	5	3,031.97	5	2,808.39	5	2,584.87	5	2,335.96	5	2,079.35	5	1,822.74		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,250.89	1/4	3,027.31	1/4	2,803.73	1/4	2,580.22	1/4	2,330.62	1/4	2,074.01	1/4	1,817.39		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,246.23	1/2	3,022.65	1/2	2,799.07	1/2	2,575.58	1/2	2,325.27	1/2	2,068.66	1/2	1,812.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,241.58	3/4	3,018.00	3/4	2,794.42	3/4	2,570.93	3/4	2,319.93	3/4	2,063.31	3/4	1,806.70		
6	6	6	6	6	6	6	3,236.92	6	3,013.34	6	2,789.76	6	2,566.28	6	2,314.58	6	2,057.97	6	1,801.35		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,232.26	1/4	3,008.68	1/4	2,785.10	1/4	2,561.64	1/4	2,309.23	1/4	2,052.62	1/4	1,796.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,438.20	1/2	3,227.60	1/2	3,004.02	1/2	2,780.44	1/2	2,556.99	1/2	2,303.89	1/2	2,047.28	1/2	1,790.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,437.04	3/4	3,222.94	3/4	2,999.36	3/4	2,775.79	3/4	2,552.35	3/4	2,298.54	3/4	2,041.93	3/4	1,785.32
7	7	7	7	7	7	7	3,435.88	7	3,218.29	7	2,994.71	7	2,771.13	7	2,547.70	7	2,293.20	7	2,036.58	7	1,779.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,434.72	1/4	3,213.63	1/4	2,990.05	1/4	2,766.47	1/4	2,543.05	1/4	2,287.85	1/4	2,031.24	1/4	1,774.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,432.04	1/2	3,208.97	1/2	2,985.39	1/2	2,761.81	1/2	2,538.06	1/2	2,282.50	1/2	2,025.89	1/2	1,769.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,429.36	3/4	3,204.31	3/4	2,980.73	3/4	2,757.15	3/4	2,533.07	3/4	2,277.16	3/4	2,020.54	3/4	1,763.93
8	8	8	8	8	8	8	3,426.68	8	3,199.65	8	2,976.08	8	2,752.50	8	2,528.07	8	2,271.81	8	2,015.20	8	1,758.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,424.00	1/4	3,195.00	1/4	2,971.42	1/4	2,747.84	1/4	2,523.08	1/4	2,266.47	1/4	2,009.85	1/4	1,753.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,419.52	1/2	3,190.34	1/2	2,966.76	1/2	2,743.18	1/2	2,517.73	1/2	2,261.12	1/2	2,004.51	1/2	1,747.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,415.05	3/4	3,185.68	3/4	2,962.10	3/4	2,738.52	3/4	2,512.39	3/4	2,255.77	3/4	1,999.16	3/4	1,742.55
9	9	9	9	9	9	9	3,410.58	9	3,181.02	9	2,957.44	9	2,733.86	9	2,507.04	9	2,250.43	9	1,993.81	9	1,737.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,406.11	1/4	3,176.36	1/4	2,952.79	1/4	2,729.21	1/4	2,501.69	1/4	2,245.08	1/4	1,988.47	1/4	1,731.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,400.87	1/2	3,171.71	1/2	2,948.13	1/2	2,724.55	1/2	2,496.35	1/2	2,239.73	1/2	1,983.12	1/2	1,726.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,395.63	3/4	3,167.05	3/4	2,943.47	3/4	2,719.89	3/4	2,491.00	3/4	2,234.39	3/4	1,977.78	3/4	1,721.16
10	10	10	10	10	10	10	3,390.39	10	3,162.39	10	2,938.81	10	2,715.23	10	2,485.66	10	2,229.04	10	1,972.43	10	1,715.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,385.15	1/4	3,157.73	1/4	2,934.15	1/4	2,710.57	1/4	2,480.31	1/4	2,223.70	1/4	1,967.08	1/4	1,710.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,379.85	1/2	3,153.08	1/2	2,929.50	1/2	2,705.92	1/2	2,474.96	1/2	2,218.35	1/2	1,961.74	1/2	1,705.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,374.55	3/4	3,148.42	3/4	2,924.84	3/4	2,701.26	3/4	2,469.62	3/4	2,213.00	3/4	1,956.39	3/4	1,699.78
11	11	11	11	11	11	11	3,369.24	11	3,143.76	11	2,920.18	11	2,696.60	11	2,464.27	11	2,207.66	11	1,951.05	11	1,694.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,363.94	1/4	3,139.10	1/4	2,915.52	1/4	2,691.94	1/4	2,458.92	1/4	2,202.31	1/4	1,945.70	1/4	1,689.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,358.96	1/2	3,134.44	1/2	2,910.86	1/2	2,687.29	1/2	2,453.58	1/2	2,196.97	1/2	1,940.35	1/2	1,683.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,353.98	3/4	3,129.79	3/4	2,906.21	3/4	2,682.63	3/4	2,448.23	3/4	2,191.62	3/4	1,935.01	3/4	1,678.39

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 26'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 83"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,673.05	0	1,416.46	0	1,160.43	0	903.96	0	647.59	0	396.08	0	139.38	0		0		0	
1/4	1,667.70	1/4	1,411.12	1/4	1,155.08	1/4	898.62	1/4	642.28	1/4	390.74	1/4	134.03	1/4	1/4	1/4		1/4	
1/2	1,662.36	1/2	1,405.78	1/2	1,149.74	1/2	893.28	1/2	637.03	1/2	385.39	1/2	128.69	1/2	1/2	1/2		1/2	
3/4	1,657.01	3/4	1,400.45	3/4	1,144.40	3/4	887.93	3/4	631.78	3/4	380.04	3/4	123.35	3/4	3/4	3/4		3/4	
1	1,651.66	1	1,395.12	1	1,139.05	1	882.59	1	626.53	1	374.69	1	118.01	1	1	1		1	
1/4	1,646.32	1/4	1,389.79	1/4	1,133.71	1/4	877.25	1/4	621.28	1/4	369.34	1/4	112.67	1/4	1/4	1/4		1/4	
1/2	1,640.97	1/2	1,384.46	1/2	1,128.37	1/2	871.90	1/2	616.07	1/2	363.99	1/2	107.33	1/2	1/2	1/2		1/2	
3/4	1,635.63	3/4	1,379.13	3/4	1,123.02	3/4	866.56	3/4	610.85	3/4	358.65	3/4	102.00	3/4	3/4	3/4		3/4	
2	1,630.28	2	1,373.79	2	1,117.68	2	861.22	2	605.64	2	353.30	2	96.67	2	2	2		2	
1/4	1,624.93	1/4	1,368.46	1/4	1,112.34	1/4	855.87	1/4	600.42	1/4	347.95	1/4	91.33	1/4	1/4	1/4		1/4	
1/2	1,619.59	1/2	1,363.13	1/2	1,107.00	1/2	850.53	1/2	595.21	1/2	342.60	1/2	86.01	1/2	1/2	1/2		1/2	
3/4	1,614.24	3/4	1,357.80	3/4	1,101.65	3/4	845.19	3/4	589.99	3/4	337.25	3/4	80.69	3/4	3/4	3/4		3/4	
3	1,608.89	3	1,352.47	3	1,096.31	3	839.85	3	584.77	3	331.91	3	75.37	3	3	3		3	
1/4	1,603.55	1/4	1,347.14	1/4	1,090.97	1/4	834.50	1/4	579.56	1/4	326.56	1/4	70.05	1/4	1/4	1/4		1/4	
1/2	1,598.20	1/2	1,341.80	1/2	1,085.62	1/2	829.16	1/2	574.34	1/2	321.21	1/2	64.76	1/2	1/2	1/2		1/2	
3/4	1,592.86	3/4	1,336.47	3/4	1,080.28	3/4	823.82	3/4	569.13	3/4	315.86	3/4	59.47	3/4	3/4	3/4		3/4	
4	1,587.51	4	1,331.14	4	1,074.94	4	818.47	4	563.91	4	310.51	4	54.17	4	4	4		4	
1/4	1,582.16	1/4	1,325.81	1/4	1,069.59	1/4	813.13	1/4	558.70	1/4	305.17	1/4	48.88	1/4	1/4	1/4		1/4	
1/2	1,576.82	1/2	1,320.48	1/2	1,064.25	1/2	807.79	1/2	553.48	1/2	299.82	1/2	43.74	1/2	1/2	1/2		1/2	
3/4	1,571.47	3/4	1,315.14	3/4	1,058.91	3/4	802.44	3/4	548.27	3/4	294.47	3/4	38.59	3/4	3/4	3/4		3/4	
5	1,566.13	5	1,309.81	5	1,053.57	5	797.10	5	543.05	5	289.12	5	33.44	5	5	5		5	
1/4	1,560.78	1/4	1,304.48	1/4	1,048.22	1/4	791.76	1/4	537.84	1/4	283.77	1/4	28.30	1/4	1/4	1/4		1/4	
1/2	1,555.43	1/2	1,299.15	1/2	1,042.88	1/2	786.42	1/2	532.62	1/2	278.43	1/2	24.18	1/2	1/2	1/2		1/2	
3/4	1,550.09	3/4	1,293.82	3/4	1,037.54	3/4	781.07	3/4	527.41	3/4	273.08	3/4	20.07	3/4	3/4	3/4		3/4	
6	1,544.74	6	1,288.49	6	1,032.19	6	775.73	6	522.19	6	267.73	6	15.95	6	6	6		6	
1/4	1,539.40	1/4	1,283.15	1/4	1,026.85	1/4	770.39	1/4	516.98	1/4	262.38	1/4	11.83	1/4	1/4	1/4		1/4	
1/2	1,534.05	1/2	1,277.82	1/2	1,021.51	1/2	765.04	1/2	511.76	1/2	257.03	1/2	9.69	1/2	1/2	1/2		1/2	
3/4	1,528.70	3/4	1,272.49	3/4	1,016.16	3/4	759.70	3/4	506.55	3/4	251.68	3/4	7.54	3/4	3/4	3/4		3/4	
7	1,523.36	7	1,267.16	7	1,010.82	7	754.36	7	501.33	7	246.34	7	5.40	7	7	7		7	
1/4	1,518.01	1/4	1,261.83	1/4	1,005.48	1/4	749.01	1/4	496.11	1/4	240.99	1/4	3.26	1/4	1/4	1/4		1/4	
1/2	1,512.67	1/2	1,256.50	1/2	1,000.14	1/2	743.67	1/2	490.90	1/2	235.64	1/2		1/2	1/2	1/2		1/2	
3/4	1,507.32	3/4	1,251.16	3/4	994.79	3/4	738.33	3/4	485.68	3/4	230.29	3/4		3/4	3/4	3/4		3/4	
8	1,501.97	8	1,245.83	8	989.45	8	732.99	8	480.47	8	224.94	8		8	8	8		8	
1/4	1,496.63	1/4	1,240.50	1/4	984.11	1/4	727.64	1/4	475.25	1/4	219.60	1/4		1/4	1/4	1/4		1/4	
1/2	1,491.28	1/2	1,235.17	1/2	978.76	1/2	722.30	1/2	470.04	1/2	214.25	1/2		1/2	1/2	1/2		1/2	
3/4	1,485.93	3/4	1,229.84	3/4	973.42	3/4	716.96	3/4	464.82	3/4	208.90	3/4		3/4	3/4	3/4		3/4	
9	1,480.59	9	1,224.51	9	968.08	9	711.61	9	459.61	9	203.55	9		9	9	9		9	
1/4	1,475.24	1/4	1,219.17	1/4	962.73	1/4	706.27	1/4	454.39	1/4	198.20	1/4		1/4	1/4	1/4		1/4	
1/2	1,469.90	1/2	1,213.84	1/2	957.39	1/2	700.93	1/2	449.14	1/2	192.86	1/2		1/2	1/2	1/2		1/2	
3/4	1,464.55	3/4	1,208.50	3/4	952.05	3/4	695.58	3/4	443.89	3/4	187.51	3/4		3/4	3/4	3/4		3/4	
10	1,459.20	10	1,203.16	10	946.71	10	690.24	10	438.64	10	182.16	10		10	10	10		10	
1/4	1,453.86	1/4	1,197.83	1/4	941.36	1/4	684.90	1/4	433.39	1/4	176.81	1/4		1/4	1/4	1/4		1/4	
1/2	1,448.51	1/2	1,192.48	1/2	936.02	1/2	679.56	1/2	428.07	1/2	171.46	1/2		1/2	1/2	1/2		1/2	
3/4	1,443.17	3/4	1,187.14	3/4	930.68	3/4	674.21	3/4	422.76	3/4	166.11	3/4		3/4	3/4	3/4		3/4	
11	1,437.82	11	1,181.80	11	925.33	11	668.87	11	417.44	11	160.77	11		11	11	11		11	
1/4	1,432.47	1/4	1,176.45	1/4	919.99	1/4	663.53	1/4	412.13	1/4	155.42	1/4		1/4	1/4	1/4		1/4	
1/2	1,427.13	1/2	1,171.11	1/2	914.65	1/2	658.21	1/2	406.78	1/2	150.07	1/2		1/2	1/2	1/2		1/2	
3/4	1,421.79	3/4	1,165.77	3/4	909.30	3/4	652.90	3/4	401.43	3/4	144.73	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2008 CL - SW  
CALCULATED: 12/22/2008 CL  
PRINTED: 12/22/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2008

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



# BARGE "DBL 83"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
							3,890.85		3,603.12		3,315.28		3,027.44		2,739.61		2,451.77		2,163.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,884.89	1/4	3,597.12	1/4	3,309.28	1/4	3,021.45	1/4	2,733.61	1/4	2,445.77	1/4	2,157.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,878.91	1/2	3,591.12	1/2	3,303.29	1/2	3,015.45	1/2	2,727.61	1/2	2,439.78	1/2	2,151.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,872.93	3/4	3,585.13	3/4	3,297.29	3/4	3,009.45	3/4	2,721.62	3/4	2,433.78	3/4	2,145.94
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3,866.95</b>	<b>1</b>	<b>3,579.13</b>	<b>1</b>	<b>3,291.29</b>	<b>1</b>	<b>3,003.46</b>	<b>1</b>	<b>2,715.62</b>	<b>1</b>	<b>2,427.78</b>	<b>1</b>	<b>2,139.95</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,860.97	1/4	3,573.13	1/4	3,285.30	1/4	2,997.46	1/4	2,709.62	1/4	2,421.79	1/4	2,133.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,854.98	1/2	3,567.14	1/2	3,279.30	1/2	2,991.46	1/2	2,703.63	1/2	2,415.79	1/2	2,127.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,848.99	3/4	3,561.14	3/4	3,273.30	3/4	2,985.47	3/4	2,697.63	3/4	2,409.79	3/4	2,121.96
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3,842.99</b>	<b>2</b>	<b>3,555.14</b>	<b>2</b>	<b>3,267.31</b>	<b>2</b>	<b>2,979.47</b>	<b>2</b>	<b>2,691.63</b>	<b>2</b>	<b>2,403.80</b>	<b>2</b>	<b>2,115.96</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,837.00	1/4	3,549.15	1/4	3,261.31	1/4	2,973.47	1/4	2,685.64	1/4	2,397.80	1/4	2,109.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,831.00	1/2	3,543.15	1/2	3,255.31	1/2	2,967.48	1/2	2,679.64	1/2	2,391.80	1/2	2,103.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,825.00	3/4	3,537.15	3/4	3,249.32	3/4	2,961.48	3/4	2,673.64	3/4	2,385.81	3/4	2,097.97
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3,819.00</b>	<b>3</b>	<b>3,531.16</b>	<b>3</b>	<b>3,243.32</b>	<b>3</b>	<b>2,955.48</b>	<b>3</b>	<b>2,667.65</b>	<b>3</b>	<b>2,379.81</b>	<b>3</b>	<b>2,091.97</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,813.00	1/4	3,525.16	1/4	3,237.32	1/4	2,949.49	1/4	2,661.65	1/4	2,373.81	1/4	2,085.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,807.00	1/2	3,519.16	1/2	3,231.33	1/2	2,943.49	1/2	2,655.65	1/2	2,367.82	1/2	2,079.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,801.01	3/4	3,513.17	3/4	3,225.33	3/4	2,937.49	3/4	2,649.66	3/4	2,361.82	3/4	2,073.98
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3,795.01</b>	<b>4</b>	<b>3,507.17</b>	<b>4</b>	<b>3,219.33</b>	<b>4</b>	<b>2,931.50</b>	<b>4</b>	<b>2,643.66</b>	<b>4</b>	<b>2,355.82</b>	<b>4</b>	<b>2,067.99</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,789.01	1/4	3,501.18	1/4	3,213.34	1/4	2,925.50	1/4	2,637.66	1/4	2,349.83	1/4	2,061.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,783.02	1/2	3,495.18	1/2	3,207.34	1/2	2,919.50	1/2	2,631.67	1/2	2,343.83	1/2	2,055.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,777.02	3/4	3,489.18	3/4	3,201.35	3/4	2,913.51	3/4	2,625.67	3/4	2,337.83	3/4	2,050.00
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3,771.02</b>	<b>5</b>	<b>3,483.19</b>	<b>5</b>	<b>3,195.35</b>	<b>5</b>	<b>2,907.51</b>	<b>5</b>	<b>2,619.67</b>	<b>5</b>	<b>2,331.84</b>	<b>5</b>	<b>2,044.00</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,765.03	1/4	3,477.19	1/4	3,189.35	1/4	2,901.52	1/4	2,613.68	1/4	2,325.84	1/4	2,038.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,759.03	1/2	3,471.19	1/2	3,183.36	1/2	2,895.52	1/2	2,607.68	1/2	2,319.84	1/2	2,032.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,753.03	3/4	3,465.20	3/4	3,177.36	3/4	2,889.52	3/4	2,601.69	3/4	2,313.85	3/4	2,026.01
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>3,747.04</b>	<b>6</b>	<b>3,459.20</b>	<b>6</b>	<b>3,171.36</b>	<b>6</b>	<b>2,883.53</b>	<b>6</b>	<b>2,595.69</b>	<b>6</b>	<b>2,307.85</b>	<b>6</b>	<b>2,020.01</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,741.04	1/4	3,453.20	1/4	3,165.37	1/4	2,877.53	1/4	2,589.69	1/4	2,301.86	1/4	2,014.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,991.82	1/2	3,735.04	1/2	3,447.21	1/2	3,159.37	1/2	2,871.53	1/2	2,583.70	1/2	2,295.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,990.52	3/4	3,729.05	3/4	3,441.21	3/4	3,153.37	3/4	2,865.54	3/4	2,577.70	3/4	2,289.86
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>3,989.22</b>	<b>7</b>	<b>3,723.05</b>	<b>7</b>	<b>3,435.21</b>	<b>7</b>	<b>3,147.38</b>	<b>7</b>	<b>2,859.54</b>	<b>7</b>	<b>2,571.70</b>	<b>7</b>	<b>2,283.87</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,987.92	1/4	3,717.05	1/4	3,429.22	1/4	3,141.38	1/4	2,853.54	1/4	2,565.71	1/4	2,277.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,984.92	1/2	3,711.06	1/2	3,423.22	1/2	3,135.38	1/2	2,847.55	1/2	2,559.71	1/2	2,271.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,981.92	3/4	3,705.06	3/4	3,417.22	3/4	3,129.39	3/4	2,841.55	3/4	2,553.71	3/4	2,265.88
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>3,978.92</b>	<b>8</b>	<b>3,699.06</b>	<b>8</b>	<b>3,411.23</b>	<b>8</b>	<b>3,123.39</b>	<b>8</b>	<b>2,835.55</b>	<b>8</b>	<b>2,547.72</b>	<b>8</b>	<b>2,259.88</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,975.93	1/4	3,693.07	1/4	3,405.23	1/4	3,117.39	1/4	2,829.56	1/4	2,541.72	1/4	2,253.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,970.92	1/2	3,687.07	1/2	3,399.23	1/2	3,111.40	1/2	2,823.56	1/2	2,535.72	1/2	2,247.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,965.92	3/4	3,681.07	3/4	3,393.24	3/4	3,105.40	3/4	2,817.56	3/4	2,529.73	3/4	2,241.89
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>3,960.92</b>	<b>9</b>	<b>3,675.08</b>	<b>9</b>	<b>3,387.24</b>	<b>9</b>	<b>3,099.40</b>	<b>9</b>	<b>2,811.57</b>	<b>9</b>	<b>2,523.73</b>	<b>9</b>	<b>2,235.89</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,955.91	1/4	3,669.08	1/4	3,381.24	1/4	3,093.41	1/4	2,805.57	1/4	2,517.73	1/4	2,229.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,950.05	1/2	3,663.08	1/2	3,375.25	1/2	3,087.41	1/2	2,799.57	1/2	2,511.74	1/2	2,223.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,944.19	3/4	3,657.09	3/4	3,369.25	3/4	3,081.41	3/4	2,793.58	3/4	2,505.74	3/4	2,217.90
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>3,938.33</b>	<b>10</b>	<b>3,651.09</b>	<b>10</b>	<b>3,363.25</b>	<b>10</b>	<b>3,075.42</b>	<b>10</b>	<b>2,787.58</b>	<b>10</b>	<b>2,499.74</b>	<b>10</b>	<b>2,211.91</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,932.47	1/4	3,645.09	1/4	3,357.26	1/4	3,069.42	1/4	2,781.58	1/4	2,493.75	1/4	2,205.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,926.54	1/2	3,639.10	1/2	3,351.26	1/2	3,063.42	1/2	2,775.59	1/2	2,487.75	1/2	2,199.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,920.60	3/4	3,633.10	3/4	3,345.26	3/4	3,057.43	3/4	2,769.59	3/4	2,481.75	3/4	2,193.92
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>3,914.67</b>	<b>11</b>	<b>3,627.10</b>	<b>11</b>	<b>3,339.27</b>	<b>11</b>	<b>3,051.43</b>	<b>11</b>	<b>2,763.59</b>	<b>11</b>	<b>2,475.76</b>	<b>11</b>	<b>2,187.92</b>
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,908.74	1/4	3,621.11	1/4	3,333.27	1/4	3,045.43	1/4	2,757.60	1/4	2,469.76	1/4	2,181.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,902.78	1/2	3,615.11	1/2	3,327.27	1/2	3,039.44	1/2	2,751.60	1/2	2,463.76	1/2	2,175.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,896.82	3/4	3,609.11	3/4	3,321.28	3/4	3,033.44	3/4	2,745.60	3/4	2,457.77	3/4	2,169.93

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "DBL 83"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 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	1,876.10	0	1,588.26	0	1,300.42	0	1,012.59	0	724.88	0	443.75	0	155.92	0		0		0	
1/4	1,870.10	1/4	1,582.26	1/4	1,294.43	1/4	1,006.59	1/4	718.92	1/4	437.75	1/4	149.93	1/4	1/4	1/4		1/4	
1/2	1,864.10	1/2	1,576.27	1/2	1,288.43	1/2	1,000.59	1/2	713.05	1/2	431.75	1/2	143.94	1/2	1/2	1/2		1/2	
3/4	1,858.11	3/4	1,570.27	3/4	1,282.43	3/4	994.60	3/4	707.18	3/4	425.76	3/4	137.95	3/4	3/4	3/4		3/4	
1	1,852.11	1	1,564.27	1	1,276.44	1	988.60	1	701.31	1	419.76	1	131.96	1	1	1		1	
1/4	1,846.11	1/4	1,558.28	1/4	1,270.44	1/4	982.60	1/4	695.44	1/4	413.76	1/4	125.97	1/4	1/4	1/4		1/4	
1/2	1,840.12	1/2	1,552.28	1/2	1,264.44	1/2	976.61	1/2	689.62	1/2	407.77	1/2	119.99	1/2	1/2	1/2		1/2	
3/4	1,834.12	3/4	1,546.28	3/4	1,258.45	3/4	970.61	3/4	683.79	3/4	401.77	3/4	114.02	3/4	3/4	3/4		3/4	
2	1,828.12	2	1,540.29	2	1,252.45	2	964.61	2	677.96	2	395.78	2	108.04	2	2	2		2	
1/4	1,822.13	1/4	1,534.29	1/4	1,246.45	1/4	958.62	1/4	672.14	1/4	389.78	1/4	102.06	1/4	1/4	1/4		1/4	
1/2	1,816.13	1/2	1,528.29	1/2	1,240.46	1/2	952.62	1/2	666.31	1/2	383.78	1/2	96.11	1/2	1/2	1/2		1/2	
3/4	1,810.13	3/4	1,522.30	3/4	1,234.46	3/4	946.62	3/4	660.49	3/4	377.79	3/4	90.15	3/4	3/4	3/4		3/4	
3	1,804.14	3	1,516.30	3	1,228.46	3	940.63	3	654.66	3	371.79	3	84.20	3	3	3		3	
1/4	1,798.14	1/4	1,510.30	1/4	1,222.47	1/4	934.63	1/4	648.84	1/4	365.79	1/4	78.24	1/4	1/4	1/4		1/4	
1/2	1,792.14	1/2	1,504.31	1/2	1,216.47	1/2	928.63	1/2	643.01	1/2	359.80	1/2	72.32	1/2	1/2	1/2		1/2	
3/4	1,786.15	3/4	1,498.31	3/4	1,210.47	3/4	922.64	3/4	637.19	3/4	353.80	3/4	66.40	3/4	3/4	3/4		3/4	
4	1,780.15	4	1,492.31	4	1,204.48	4	916.64	4	631.36	4	347.80	4	60.48	4	4	4		4	
1/4	1,774.15	1/4	1,486.32	1/4	1,198.48	1/4	910.64	1/4	625.54	1/4	341.81	1/4	54.56	1/4	1/4	1/4		1/4	
1/2	1,768.16	1/2	1,480.32	1/2	1,192.48	1/2	904.65	1/2	619.71	1/2	335.81	1/2	48.80	1/2	1/2	1/2		1/2	
3/4	1,762.16	3/4	1,474.32	3/4	1,186.49	3/4	898.65	3/4	613.89	3/4	329.81	3/4	43.04	3/4	3/4	3/4		3/4	
5	1,756.16	5	1,468.33	5	1,180.49	5	892.65	5	608.06	5	323.82	5	37.29	5	5	5		5	
1/4	1,750.17	1/4	1,462.33	1/4	1,174.49	1/4	886.66	1/4	602.24	1/4	317.82	1/4	31.53	1/4	1/4	1/4		1/4	
1/2	1,744.17	1/2	1,456.33	1/2	1,168.50	1/2	880.66	1/2	596.41	1/2	311.82	1/2	26.92	1/2	1/2	1/2		1/2	
3/4	1,738.17	3/4	1,450.34	3/4	1,162.50	3/4	874.66	3/4	590.58	3/4	305.83	3/4	22.32	3/4	3/4	3/4		3/4	
6	1,732.18	6	1,444.34	6	1,156.50	6	868.67	6	584.76	6	299.83	6	17.71	6	6	6		6	
1/4	1,726.18	1/4	1,438.34	1/4	1,150.51	1/4	862.67	1/4	578.93	1/4	293.83	1/4	13.11	1/4	1/4	1/4		1/4	
1/2	1,720.18	1/2	1,432.35	1/2	1,144.51	1/2	856.67	1/2	573.11	1/2	287.84	1/2	10.71	1/2	1/2	1/2		1/2	
3/4	1,714.19	3/4	1,426.35	3/4	1,138.51	3/4	850.68	3/4	567.28	3/4	281.84	3/4	8.31	3/4	3/4	3/4		3/4	
7	1,708.19	7	1,420.35	7	1,132.52	7	844.68	7	561.46	7	275.85	7	5.91	7	7	7		7	
1/4	1,702.20	1/4	1,414.36	1/4	1,126.52	1/4	838.68	1/4	555.63	1/4	269.85	1/4	3.51	1/4	1/4	1/4		1/4	
1/2	1,696.20	1/2	1,408.36	1/2	1,120.52	1/2	832.69	1/2	549.81	1/2	263.85	1/2		1/2	1/2	1/2		1/2	
3/4	1,690.20	3/4	1,402.37	3/4	1,114.53	3/4	826.69	3/4	543.98	3/4	257.86	3/4		3/4	3/4	3/4		3/4	
8	1,684.21	8	1,396.37	8	1,108.53	8	820.69	8	538.16	8	251.86	8		8	8	8		8	
1/4	1,678.21	1/4	1,390.37	1/4	1,102.54	1/4	814.70	1/4	532.33	1/4	245.86	1/4		1/4	1/4	1/4		1/4	
1/2	1,672.21	1/2	1,384.38	1/2	1,096.54	1/2	808.70	1/2	526.51	1/2	239.87	1/2		1/2	1/2	1/2		1/2	
3/4	1,666.22	3/4	1,378.38	3/4	1,090.54	3/4	802.71	3/4	520.68	3/4	233.87	3/4		3/4	3/4	3/4		3/4	
9	1,660.22	9	1,372.38	9	1,084.55	9	796.71	9	514.85	9	227.87	9		9	9	9		9	
1/4	1,654.22	1/4	1,366.39	1/4	1,078.55	1/4	790.71	1/4	509.03	1/4	221.88	1/4		1/4	1/4	1/4		1/4	
1/2	1,648.23	1/2	1,360.39	1/2	1,072.55	1/2	784.72	1/2	503.16	1/2	215.88	1/2		1/2	1/2	1/2		1/2	
3/4	1,642.23	3/4	1,354.39	3/4	1,066.56	3/4	778.72	3/4	497.29	3/4	209.88	3/4		3/4	3/4	3/4		3/4	
10	1,636.23	10	1,348.40	10	1,060.56	10	772.72	10	491.42	10	203.89	10		10	10	10		10	
1/4	1,630.24	1/4	1,342.40	1/4	1,054.56	1/4	766.73	1/4	485.55	1/4	197.89	1/4		1/4	1/4	1/4		1/4	
1/2	1,624.24	1/2	1,336.40	1/2	1,048.57	1/2	760.73	1/2	479.60	1/2	191.89	1/2		1/2	1/2	1/2		1/2	
3/4	1,618.24	3/4	1,330.41	3/4	1,042.57	3/4	754.73	3/4	473.64	3/4	185.90	3/4		3/4	3/4	3/4		3/4	
11	1,612.25	11	1,324.41	11	1,036.57	11	748.74	11	467.69	11	179.90	11		11	11	11		11	
1/4	1,606.25	1/4	1,318.41	1/4	1,030.58	1/4	742.74	1/4	461.74	1/4	173.91	1/4		1/4	1/4	1/4		1/4	
1/2	1,600.25	1/2	1,312.42	1/2	1,024.58	1/2	736.78	1/2	455.74	1/2	167.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,594.26	3/4	1,306.42	3/4	1,018.58	3/4	730.83	3/4	449.74	3/4	161.92	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2008 CL - SW  
CALCULATED: 12/22/2008 CL  
PRINTED: 12/22/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2008

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



# BARGE "DBL 83"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

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		0		0		0	3,441.58	0	3,187.46	0	2,933.29	0	2,679.11	0	2,424.94	0	2,170.76	0	1,916.59
1/4		1/4		1/4		1/4	3,436.31	1/4	3,182.17	1/4	2,927.99	1/4	2,673.82	1/4	2,419.64	1/4	2,165.47	1/4	1,911.29
1/2		1/2		1/2		1/2	3,431.03	1/2	3,176.87	1/2	2,922.70	1/2	2,668.52	1/2	2,414.35	1/2	2,160.17	1/2	1,906.00
3/4		3/4		3/4		3/4	3,425.75	3/4	3,171.58	3/4	2,917.40	3/4	2,663.23	3/4	2,409.05	3/4	2,154.88	3/4	1,900.70
1		1		1		1	3,420.47	1	3,166.28	1	2,912.11	1	2,657.93	1	2,403.76	1	2,149.58	1	1,895.41
1/4		1/4		1/4		1/4	3,415.19	1/4	3,160.99	1/4	2,906.81	1/4	2,652.64	1/4	2,398.46	1/4	2,144.29	1/4	1,890.11
1/2		1/2		1/2		1/2	3,409.90	1/2	3,155.69	1/2	2,901.52	1/2	2,647.34	1/2	2,393.17	1/2	2,138.99	1/2	1,884.82
3/4		3/4		3/4		3/4	3,404.60	3/4	3,150.39	3/4	2,896.22	3/4	2,642.05	3/4	2,387.87	3/4	2,133.70	3/4	1,879.52
2		2		2		2	3,399.31	2	3,145.10	2	2,890.92	2	2,636.75	2	2,382.58	2	2,128.40	2	1,874.23
1/4		1/4		1/4		1/4	3,394.02	1/4	3,139.80	1/4	2,885.63	1/4	2,631.46	1/4	2,377.28	1/4	2,123.11	1/4	1,868.93
1/2		1/2		1/2		1/2	3,388.71	1/2	3,134.51	1/2	2,880.33	1/2	2,626.16	1/2	2,371.99	1/2	2,117.81	1/2	1,863.64
3/4		3/4		3/4		3/4	3,383.41	3/4	3,129.21	3/4	2,875.04	3/4	2,620.86	3/4	2,366.69	3/4	2,112.52	3/4	1,858.34
3		3		3		3	3,378.10	3	3,123.92	3	2,869.74	3	2,615.57	3	2,361.39	3	2,107.22	3	1,853.05
1/4		1/4		1/4		1/4	3,372.80	1/4	3,118.62	1/4	2,864.45	1/4	2,610.27	1/4	2,356.10	1/4	2,101.93	1/4	1,847.75
1/2		1/2		1/2		1/2	3,367.50	1/2	3,113.33	1/2	2,859.15	1/2	2,604.98	1/2	2,350.80	1/2	2,096.63	1/2	1,842.46
3/4		3/4		3/4		3/4	3,362.21	3/4	3,108.03	3/4	2,853.86	3/4	2,599.68	3/4	2,345.51	3/4	2,091.33	3/4	1,837.16
4		4		4		4	3,356.91	4	3,102.74	4	2,848.56	4	2,594.39	4	2,340.21	4	2,086.04	4	1,831.86
1/4		1/4		1/4		1/4	3,351.62	1/4	3,097.44	1/4	2,843.27	1/4	2,589.09	1/4	2,334.92	1/4	2,080.74	1/4	1,826.57
1/2		1/2		1/2		1/2	3,346.32	1/2	3,092.15	1/2	2,837.97	1/2	2,583.80	1/2	2,329.62	1/2	2,075.45	1/2	1,821.27
3/4		3/4		3/4		3/4	3,341.03	3/4	3,086.85	3/4	2,832.68	3/4	2,578.50	3/4	2,324.33	3/4	2,070.15	3/4	1,815.98
5		5		5		5	3,335.73	5	3,081.56	5	2,827.38	5	2,573.21	5	2,319.03	5	2,064.86	5	1,810.68
1/4		1/4		1/4		1/4	3,330.43	1/4	3,076.26	1/4	2,822.09	1/4	2,567.91	1/4	2,313.74	1/4	2,059.56	1/4	1,805.39
1/2		1/2		1/2		1/2	3,325.14	1/2	3,070.97	1/2	2,816.79	1/2	2,562.62	1/2	2,308.44	1/2	2,054.27	1/2	1,800.09
3/4		3/4		3/4		3/4	3,319.84	3/4	3,065.67	3/4	2,811.50	3/4	2,557.32	3/4	2,303.15	3/4	2,048.97	3/4	1,794.80
6		6		6		6	3,314.55	6	3,060.37	6	2,806.20	6	2,552.03	6	2,297.85	6	2,043.68	6	1,789.50
1/4		1/4		1/4		1/4	3,309.25	1/4	3,055.08	1/4	2,800.90	1/4	2,546.73	1/4	2,292.56	1/4	2,038.38	1/4	1,784.21
1/2		1/2		1/2		1/2	3,303.96	1/2	3,049.78	1/2	2,795.61	1/2	2,541.44	1/2	2,287.26	1/2	2,033.09	1/2	1,778.91
3/4		3/4		3/4		3/4	3,298.66	3/4	3,044.49	3/4	2,790.31	3/4	2,536.14	3/4	2,281.97	3/4	2,027.79	3/4	1,773.62
7		7		7		7	3,293.37	7	3,039.19	7	2,785.02	7	2,530.84	7	2,276.67	7	2,022.50	7	1,768.32
1/4		1/4		1/4		1/4	3,288.07	1/4	3,033.90	1/4	2,779.72	1/4	2,525.55	1/4	2,271.37	1/4	2,017.20	1/4	1,763.03
1/2		1/2		1/2		1/2	3,282.78	1/2	3,028.60	1/2	2,774.43	1/2	2,520.25	1/2	2,266.08	1/2	2,011.91	1/2	1,757.73
3/4		3/4		3/4		3/4	3,277.48	3/4	3,023.31	3/4	2,769.13	3/4	2,514.96	3/4	2,260.78	3/4	2,006.61	3/4	1,752.44
8		8		8		8	3,272.19	8	3,018.01	8	2,763.84	8	2,509.66	8	2,255.49	8	2,001.31	8	1,747.14
1/4		1/4		1/4		1/4	3,266.89	1/4	3,012.72	1/4	2,758.54	1/4	2,504.37	1/4	2,250.19	1/4	1,996.02	1/4	1,741.84
1/2		1/2		1/2		1/2	3,261.60	1/2	3,007.42	1/2	2,753.25	1/2	2,499.07	1/2	2,244.90	1/2	1,990.72	1/2	1,736.55
3/4		3/4		3/4		3/4	3,256.30	3/4	3,002.13	3/4	2,747.95	3/4	2,493.78	3/4	2,239.60	3/4	1,985.43	3/4	1,731.25
9		9		9		9	3,250.45	9	2,996.83	9	2,742.66	9	2,488.48	9	2,234.31	9	1,980.13	9	1,725.96
1/4		1/4		1/4		1/4	3,249.03	1/4	2,995.71	1/4	2,741.54	1/4	2,487.36	1/4	2,233.19	1/4	1,979.01	1/4	1,724.84
1/2		1/2		1/2		1/2	3,243.85	1/2	2,990.41	1/2	2,736.24	1/2	2,482.07	1/2	2,227.92	1/2	1,973.72	1/2	1,719.57
3/4		3/4		3/4		3/4	3,238.68	3/4	2,985.12	3/4	2,730.94	3/4	2,476.77	3/4	2,222.65	3/4	1,968.45	3/4	1,714.30
10		10		10		10	3,232.82	10	2,979.26	10	2,725.08	10	2,471.48	10	2,217.38	10	1,963.14	10	1,709.03
1/4		1/4		1/4		1/4	3,227.32	1/4	2,973.76	1/4	2,719.58	1/4	2,466.18	1/4	2,212.08	1/4	1,957.84	1/4	1,703.73
1/2		1/2		1/2		1/2	3,221.82	1/2	2,968.26	1/2	2,714.08	1/2	2,460.68	1/2	2,206.58	1/2	1,952.34	1/2	1,698.23
3/4		3/4		3/4		3/4	3,216.32	3/4	2,962.76	3/4	2,708.58	3/4	2,455.18	3/4	2,201.08	3/4	1,946.84	3/4	1,692.73
11		11		11		11	3,210.82	11	2,957.26	11	2,703.08	11	2,449.68	11	2,195.58	11	1,941.34	11	1,687.23
1/4		1/4		1/4		1/4	3,205.32	1/4	2,951.76	1/4	2,697.58	1/4	2,444.18	1/4	2,190.08	1/4	1,935.84	1/4	1,681.73
1/2		1/2		1/2		1/2	3,199.82	1/2	2,946.26	1/2	2,692.08	1/2	2,438.68	1/2	2,184.58	1/2	1,930.34	1/2	1,676.23
3/4		3/4		3/4		3/4	3,194.32	3/4	2,940.76	3/4	2,686.58	3/4	2,433.18	3/4	2,179.08	3/4	1,924.84	3/4	1,670.73
12		12		12		12	3,188.82	12	2,935.26	12	2,681.08	12	2,427.68	12	2,173.58	12	1,919.34	12	1,665.23
1/4		1/4		1/4		1/4	3,183.32	1/4	2,929.76	1/4	2,675.58	1/4	2,422.18	1/4	2,168.08	1/4	1,913.84	1/4	1,659.73
1/2		1/2		1/2		1/2	3,177.82	1/2	2,924.26	1/2	2,670.08	1/2	2,416.68	1/2	2,162.58	1/2	1,908.34	1/2	1,654.23
3/4		3/4		3/4		3/4	3,172.32	3/4	2,918.76	3/4	2,664.58	3/4	2,411.18	3/4	2,157.08	3/4	1,902.84	3/4	1,648.73
13		13		13		13	3,166.82	13	2,913.26	13	2,659.08	13	2,405.68	13	2,151.58	13	1,897.34	13	1,643.23
1/4		1/4		1/4		1/4	3,161.32	1/4	2,907.76	1/4	2,653.58	1/4	2,400.18	1/4	2,146.08	1/4	1,891.84	1/4	1,637.73
1/2		1/2		1/2		1/2	3,155.82	1/2	2,902.26	1/2	2,648.08	1/2	2,394.68	1/2	2,140.58	1/2	1,886.34	1/2	1,632.23
3/4		3/4		3/4		3/4	3,150.32	3/4	2,896.76	3/4	2,642.58	3/4	2,389.18	3/4	2,135.08	3/4	1,880.84	3/4	1,626.73
14		14		14		14	3,144.82	14	2,891.26	14	2,637.08	14	2,383.68	14	2,129.58	14	1,875.34	14	1,621.23
1/4		1/4		1/4		1/4	3,139.32	1/4	2,885.76	1/4	2,631.58	1/4	2,378.18	1/4	2,124.08	1/4	1,869.84	1/4	1,615.73
1/2		1/2		1/2		1/2	3,133.82	1/2	2,880.26	1/2	2,626.08	1/2	2,372.68	1/2	2,118.58	1/2	1,864.34	1/2	1,610.23
3/4		3/4		3/4		3/4	3,128.32	3/4	2,874.76	3/4	2,620.58	3/4	2,367.18	3/4	2,113.08	3/4	1,858.84	3/4	1,604.73
15		15		15		15	3,122.82	15	2,869.26	15	2,615.08	15	2,361.68	15	2,107.58	15	1,853.34	15	1,600.23
1/4		1/4		1/4		1/4	3,117.32	1/4	2,863.76	1/4	2,609.58	1/4	2,356.18	1/4	2,102.08	1/4	1,847.84	1/4	1,594.73
1/2		1/2		1/2		1/2	3,111.82	1/2	2,858.26	1/2	2,604.08	1/2	2,350.68	1/2	2,096.58	1/2	1,842.34	1/2	1,589.23
3/4		3/4		3/4		3/4	3,106.32	3/4											



# BARGE "DBL 83"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	1,662.42		1,408.24		1,154.07		899.89		645.72		391.98		137.82						
1/4	1,657.12	1/4	1,402.95	1/4	1,148.77	1/4	894.60	1/4	640.43	1/4	386.69	1/4	132.52	1/4		1/4		1/4	
1/2	1,651.82	1/2	1,397.65	1/2	1,143.48	1/2	889.30	1/2	635.14	1/2	381.39	1/2	127.23	1/2		1/2		1/2	
3/4	1,646.53	3/4	1,392.35	3/4	1,138.18	3/4	884.01	3/4	629.85	3/4	376.10	3/4	121.94	3/4		3/4		3/4	
1	1,641.23	1	1,387.06	1	1,132.89	1	878.71	1	624.57	1	370.80	1	116.66	1		1		1	
1/4	1,635.94	1/4	1,381.76	1/4	1,127.59	1/4	873.42	1/4	619.28	1/4	365.51	1/4	111.37	1/4		1/4		1/4	
1/2	1,630.64	1/2	1,376.47	1/2	1,122.29	1/2	868.12	1/2	613.99	1/2	360.21	1/2	106.09	1/2		1/2		1/2	
3/4	1,625.35	3/4	1,371.17	3/4	1,117.00	3/4	862.82	3/4	608.71	3/4	354.91	3/4	100.81	3/4		3/4		3/4	
2	1,620.05	2	1,365.88	2	1,111.70	2	857.53	2	603.42	2	349.62	2	95.53	2		2		2	
1/4	1,614.76	1/4	1,360.58	1/4	1,106.41	1/4	852.23	1/4	598.14	1/4	344.32	1/4	90.26	1/4		1/4		1/4	
1/2	1,609.46	1/2	1,355.29	1/2	1,101.11	1/2	846.94	1/2	592.85	1/2	339.03	1/2	85.00	1/2		1/2		1/2	
3/4	1,604.17	3/4	1,349.99	3/4	1,095.82	3/4	841.64	3/4	587.57	3/4	333.73	3/4	79.74	3/4		3/4		3/4	
3	1,598.87	3	1,344.70	3	1,090.52	3	836.35	3	582.29	3	328.44	3	74.48	3		3		3	
1/4	1,593.58	1/4	1,339.40	1/4	1,085.23	1/4	831.05	1/4	577.00	1/4	323.14	1/4	69.22	1/4		1/4		1/4	
1/2	1,588.28	1/2	1,334.11	1/2	1,079.93	1/2	825.76	1/2	571.72	1/2	317.85	1/2	63.99	1/2		1/2		1/2	
3/4	1,582.99	3/4	1,328.81	3/4	1,074.64	3/4	820.46	3/4	566.44	3/4	312.55	3/4	58.76	3/4		3/4		3/4	
4	1,577.69	4	1,323.52	4	1,069.34	4	815.17	4	561.15	4	307.26	4	53.54	4		4		4	
1/4	1,572.40	1/4	1,318.22	1/4	1,064.05	1/4	809.87	1/4	555.87	1/4	301.96	1/4	48.31	1/4		1/4		1/4	
1/2	1,567.10	1/2	1,312.93	1/2	1,058.75	1/2	804.58	1/2	550.58	1/2	296.67	1/2	43.22	1/2		1/2		1/2	
3/4	1,561.80	3/4	1,307.63	3/4	1,053.46	3/4	799.28	3/4	545.30	3/4	291.37	3/4	38.14	3/4		3/4		3/4	
5	1,556.51	5	1,302.33	5	1,048.16	5	793.99	5	540.02	5	286.08	5	33.05	5		5		5	
1/4	1,551.21	1/4	1,297.04	1/4	1,042.87	1/4	788.69	1/4	534.73	1/4	280.78	1/4	27.97	1/4		1/4		1/4	
1/2	1,545.92	1/2	1,291.74	1/2	1,037.57	1/2	783.40	1/2	529.45	1/2	275.49	1/2	23.90	1/2		1/2		1/2	
3/4	1,540.62	3/4	1,286.45	3/4	1,032.27	3/4	778.10	3/4	524.17	3/4	270.19	3/4	19.84	3/4		3/4		3/4	
6	1,535.33	6	1,281.15	6	1,026.98	6	772.80	6	518.88	6	264.90	6	15.77	6		6		6	
1/4	1,530.03	1/4	1,275.86	1/4	1,021.68	1/4	767.51	1/4	513.60	1/4	259.60	1/4	11.70	1/4		1/4		1/4	
1/2	1,524.74	1/2	1,270.56	1/2	1,016.39	1/2	762.21	1/2	508.31	1/2	254.31	1/2	9.59	1/2		1/2		1/2	
3/4	1,519.44	3/4	1,265.27	3/4	1,011.09	3/4	756.92	3/4	503.03	3/4	249.01	3/4	7.47	3/4		3/4		3/4	
7	1,514.15	7	1,259.97	7	1,005.80	7	751.62	7	497.75	7	243.72	7	5.35	7		7		7	
1/4	1,508.85	1/4	1,254.68	1/4	1,000.50	1/4	746.33	1/4	492.46	1/4	238.42	1/4	3.23	1/4		1/4		1/4	
1/2	1,503.56	1/2	1,249.38	1/2	995.21	1/2	741.03	1/2	487.18	1/2	233.13	1/2		1/2		1/2		1/2	
3/4	1,498.26	3/4	1,244.09	3/4	989.91	3/4	735.74	3/4	481.90	3/4	227.83	3/4		3/4		3/4		3/4	
8	1,492.97	8	1,238.79	8	984.62	8	730.44	8	476.61	8	222.53	8		8		8		8	
1/4	1,487.67	1/4	1,233.50	1/4	979.32	1/4	725.15	1/4	471.33	1/4	217.24	1/4		1/4		1/4		1/4	
1/2	1,482.38	1/2	1,228.20	1/2	974.03	1/2	719.85	1/2	466.04	1/2	211.94	1/2		1/2		1/2		1/2	
3/4	1,477.08	3/4	1,222.91	3/4	968.73	3/4	714.56	3/4	460.76	3/4	206.65	3/4		3/4		3/4		3/4	
9	1,471.78	9	1,217.61	9	963.44	9	709.26	9	455.47	9	201.35	9		9		9		9	
1/4	1,466.49	1/4	1,212.31	1/4	958.14	1/4	703.97	1/4	450.19	1/4	196.06	1/4		1/4		1/4		1/4	
1/2	1,461.19	1/2	1,207.02	1/2	952.85	1/2	698.67	1/2	444.90	1/2	190.76	1/2		1/2		1/2		1/2	
3/4	1,455.90	3/4	1,201.72	3/4	947.55	3/4	693.38	3/4	439.61	3/4	185.47	3/4		3/4		3/4		3/4	
10	1,450.60	10	1,196.43	10	942.25	10	688.08	10	434.32	10	180.17	10		10		10		10	
1/4	1,445.31	1/4	1,191.13	1/4	936.96	1/4	682.78	1/4	429.04	1/4	174.88	1/4		1/4		1/4		1/4	
1/2	1,440.01	1/2	1,185.84	1/2	931.66	1/2	677.49	1/2	423.74	1/2	169.58	1/2		1/2		1/2		1/2	
3/4	1,434.72	3/4	1,180.54	3/4	926.37	3/4	672.19	3/4	418.45	3/4	164.29	3/4		3/4		3/4		3/4	
11	1,429.42	11	1,175.25	11	921.07	11	666.90	11	413.16	11	158.99	11		11		11		11	
1/4	1,424.13	1/4	1,169.95	1/4	915.78	1/4	661.60	1/4	407.87	1/4	153.70	1/4		1/4		1/4		1/4	
1/2	1,418.83	1/2	1,164.66	1/2	910.48	1/2	656.31	1/2	402.57	1/2	148.40	1/2		1/2		1/2		1/2	
3/4	1,413.54	3/4	1,159.36	3/4	905.19	3/4	651.02	3/4	397.28	3/4	143.11	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/16/2008 CL - SW  
CALCULATED: 12/22/2008 CL  
PRINTED: 12/22/2008 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2008

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