



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	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	3,365.89	0	3,140.92	0	2,917.21	0	2,693.50	0	2,460.35	0	2,203.59	0	1,946.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,360.91	1/4	3,136.26	1/4	2,912.55	1/4	2,688.84	1/4	2,455.00	1/4	2,198.24	1/4	1,941.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,355.92	1/2	3,131.60	1/2	2,907.89	1/2	2,684.18	1/2	2,449.65	1/2	2,192.89	1/2	1,936.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,350.94	3/4	3,126.94	3/4	2,903.23	3/4	2,679.52	3/4	2,444.30	3/4	2,187.54	3/4	1,930.78
1		1		1		1	3,345.96	1	3,122.28	1	2,898.57	1	2,674.86	1	2,438.95	1	2,182.19	1	1,925.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,341.31	1/4	3,117.62	1/4	2,893.91	1/4	2,670.20	1/4	2,433.60	1/4	2,176.84	1/4	1,920.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,336.66	1/2	3,112.95	1/2	2,889.25	1/2	2,665.54	1/2	2,428.25	1/2	2,171.49	1/2	1,914.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,332.02	3/4	3,108.29	3/4	2,884.59	3/4	2,660.88	3/4	2,422.90	3/4	2,166.14	3/4	1,909.38
2		2		2		2	3,327.37	2	3,103.63	2	2,879.92	2	2,656.22	2	2,417.56	2	2,160.79	2	1,904.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,322.71	1/4	3,098.97	1/4	2,875.26	1/4	2,651.56	1/4	2,412.21	1/4	2,155.44	1/4	1,898.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,318.05	1/2	3,094.31	1/2	2,870.60	1/2	2,646.89	1/2	2,406.86	1/2	2,150.10	1/2	1,893.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,313.39	3/4	3,089.65	3/4	2,865.94	3/4	2,642.23	3/4	2,401.51	3/4	2,144.75	3/4	1,887.98
3		3		3		3	3,308.73	3	3,084.99	3	2,861.28	3	2,637.57	3	2,396.16	3	2,139.40	3	1,882.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,304.07	1/4	3,080.33	1/4	2,856.62	1/4	2,632.91	1/4	2,390.81	1/4	2,134.05	1/4	1,877.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,299.40	1/2	3,075.67	1/2	2,851.96	1/2	2,628.25	1/2	2,385.46	1/2	2,128.70	1/2	1,871.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,294.74	3/4	3,071.01	3/4	2,847.30	3/4	2,623.59	3/4	2,380.11	3/4	2,123.35	3/4	1,866.59
4		4		4		4	3,290.08	4	3,066.35	4	2,842.64	4	2,618.93	4	2,374.76	4	2,118.00	4	1,861.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,285.41	1/4	3,061.69	1/4	2,837.98	1/4	2,614.28	1/4	2,369.41	1/4	2,112.65	1/4	1,855.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,280.75	1/2	3,057.03	1/2	2,833.32	1/2	2,609.62	1/2	2,364.06	1/2	2,107.30	1/2	1,850.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,276.09	3/4	3,052.37	3/4	2,828.66	3/4	2,604.97	3/4	2,358.71	3/4	2,101.95	3/4	1,845.19
5		5		5		5	3,271.43	5	3,047.71	5	2,824.00	5	2,600.31	5	2,353.36	5	2,096.60	5	1,839.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,266.76	1/4	3,043.05	1/4	2,819.34	1/4	2,595.66	1/4	2,348.02	1/4	2,091.25	1/4	1,834.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,262.10	1/2	3,038.39	1/2	2,814.68	1/2	2,591.01	1/2	2,342.67	1/2	2,085.90	1/2	1,829.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,257.44	3/4	3,033.72	3/4	2,810.02	3/4	2,586.37	3/4	2,337.32	3/4	2,080.56	3/4	1,823.79
6		6		6		6	3,252.77	6	3,029.06	6	2,805.36	6	2,581.72	6	2,331.97	6	2,075.21	6	1,818.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,248.11	1/4	3,024.40	1/4	2,800.69	1/4	2,577.07	1/4	2,326.62	1/4	2,069.86	1/4	1,813.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,243.45	1/2	3,019.74	1/2	2,796.03	1/2	2,572.42	1/2	2,321.27	1/2	2,064.51	1/2	1,807.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,238.79	3/4	3,015.08	3/4	2,791.37	3/4	2,567.77	3/4	2,315.92	3/4	2,059.16	3/4	1,802.40
7		7		7		7	3,234.13	7	3,010.42	7	2,786.71	7	2,563.12	7	2,310.57	7	2,053.81	7	1,797.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,440.19	1/4	3,229.47	1/4	3,005.76	1/4	2,782.05	1/4	2,558.47	1/4	2,305.22	1/4	2,048.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,439.03	1/2	3,224.81	1/2	3,001.10	1/2	2,777.39	1/2	2,553.82	1/2	2,299.87	1/2	2,043.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,437.86	3/4	3,220.15	3/4	2,996.44	3/4	2,772.73	3/4	2,549.17	3/4	2,294.52	3/4	2,037.76
8		8		8		8	3,436.70	8	3,215.49	8	2,991.78	8	2,768.07	8	2,544.53	8	2,289.17	8	2,032.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,434.02	1/4	3,210.83	1/4	2,987.12	1/4	2,763.41	1/4	2,539.53	1/4	2,283.83	1/4	2,027.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,431.34	1/2	3,206.17	1/2	2,982.46	1/2	2,758.75	1/2	2,534.53	1/2	2,278.48	1/2	2,021.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,428.66	3/4	3,201.51	3/4	2,977.80	3/4	2,754.09	3/4	2,529.54	3/4	2,273.13	3/4	2,016.37
9		9		9		9	3,425.98	9	3,196.85	9	2,973.14	9	2,749.43	9	2,524.54	9	2,267.78	9	2,011.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,421.50	1/4	3,192.18	1/4	2,968.48	1/4	2,744.77	1/4	2,519.19	1/4	2,262.43	1/4	2,005.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,417.03	1/2	3,187.52	1/2	2,963.82	1/2	2,740.11	1/2	2,513.84	1/2	2,257.08	1/2	2,000.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,412.55	3/4	3,182.86	3/4	2,959.15	3/4	2,735.45	3/4	2,508.49	3/4	2,251.73	3/4	1,994.97
10		10		10		10	3,408.08	10	3,178.20	10	2,954.49	10	2,730.79	10	2,503.14	10	2,246.38	10	1,989.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,402.83	1/4	3,173.54	1/4	2,949.83	1/4	2,726.12	1/4	2,497.79	1/4	2,241.03	1/4	1,984.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,397.59	1/2	3,168.88	1/2	2,945.17	1/2	2,721.46	1/2	2,492.44	1/2	2,235.68	1/2	1,978.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,392.35	3/4	3,164.22	3/4	2,940.51	3/4	2,716.80	3/4	2,487.09	3/4	2,230.33	3/4	1,973.57
11		11		11		11	3,387.11	11	3,159.56	11	2,935.85	11	2,712.14	11	2,481.75	11	2,224.98	11	1,968.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,381.80	1/4	3,154.90	1/4	2,931.19	1/4	2,707.48	1/4	2,476.40	1/4	2,219.63	1/4	1,962.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,376.50	1/2	3,150.24	1/2	2,926.53	1/2	2,702.82	1/2	2,471.05	1/2	2,214.29	1/2	1,957.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,371.19	3/4	3,145.58	3/4	2,921.87	3/4	2,698.16	3/4	2,465.70	3/4	2,208.94	3/4	1,952.17

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
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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		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		1/4			
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		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		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			
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		1/4			
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		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		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		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		1/4			
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		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		3/4			
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		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		1/4			
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		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		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		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		1/4			
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		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		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		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		1/4			
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		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		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		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		1/4			
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		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		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		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		1/4			
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		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		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		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		1/4			
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		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		3/4			
9	1,497.49	9	1,241.22	9	984.68	9	728.06	9	475.53	9	219.72	9		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		1/4			
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		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		3/4			
10	1,476.10	10	1,219.88	10	963.29	10	706.68	10	454.65	10	198.32	10		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		1/4			
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		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		3/4			
11	1,454.70	11	1,198.52	11	941.91	11	685.29	11	433.64	11	176.91	11		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		1/4			
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		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		3/4			

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 82"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,900.73	0	3,613.24	0	3,325.55	0	3,037.86	0	2,750.17	0	2,462.48	0	2,174.80
1/4		1/4	1/4	1/4		1/4	3,894.77	1/4	3,607.24	1/4	3,319.55	1/4	3,031.87	1/4	2,744.18	1/4	2,456.49	1/4	2,168.80
1/2		1/2	1/2	1/2		1/2	3,888.81	1/2	3,601.25	1/2	3,313.56	1/2	3,025.87	1/2	2,738.18	1/2	2,450.50	1/2	2,162.81
3/4		3/4	3/4	3/4		3/4	3,882.85	3/4	3,595.25	3/4	3,307.57	3/4	3,019.88	3/4	2,732.19	3/4	2,444.50	3/4	2,156.81
1		1		1		1	3,876.88	1	3,589.26	1	3,301.57	1	3,013.89	1	2,726.20	1	2,438.51	1	2,150.82
1/4		1/4	1/4	1/4		1/4	3,870.90	1/4	3,583.27	1/4	3,295.58	1/4	3,007.89	1/4	2,720.20	1/4	2,432.52	1/4	2,144.83
1/2		1/2	1/2	1/2		1/2	3,864.92	1/2	3,577.27	1/2	3,289.59	1/2	3,001.90	1/2	2,714.21	1/2	2,426.52	1/2	2,138.83
3/4		3/4	3/4	3/4		3/4	3,858.94	3/4	3,571.28	3/4	3,283.59	3/4	2,995.90	3/4	2,708.22	3/4	2,420.53	3/4	2,132.84
2		2		2		2	3,852.95	2	3,565.29	2	3,277.60	2	2,989.91	2	2,702.22	2	2,414.54	2	2,126.85
1/4		1/4	1/4	1/4		1/4	3,846.96	1/4	3,559.29	1/4	3,271.61	1/4	2,983.92	1/4	2,696.23	1/4	2,408.54	1/4	2,120.85
1/2		1/2	1/2	1/2		1/2	3,840.97	1/2	3,553.30	1/2	3,265.61	1/2	2,977.92	1/2	2,690.24	1/2	2,402.55	1/2	2,114.86
3/4		3/4	3/4	3/4		3/4	3,834.98	3/4	3,547.31	3/4	3,259.62	3/4	2,971.93	3/4	2,684.24	3/4	2,396.55	3/4	2,108.87
3		3		3		3	3,828.99	3	3,541.31	3	3,253.63	3	2,965.94	3	2,678.25	3	2,390.56	3	2,102.87
1/4		1/4	1/4	1/4		1/4	3,823.00	1/4	3,535.32	1/4	3,247.63	1/4	2,959.94	1/4	2,672.26	1/4	2,384.57	1/4	2,096.88
1/2		1/2	1/2	1/2		1/2	3,817.01	1/2	3,529.33	1/2	3,241.64	1/2	2,953.95	1/2	2,666.26	1/2	2,378.57	1/2	2,090.89
3/4		3/4	3/4	3/4		3/4	3,811.02	3/4	3,523.33	3/4	3,235.64	3/4	2,947.96	3/4	2,660.27	3/4	2,372.58	3/4	2,084.89
4		4		4		4	3,805.03	4	3,517.34	4	3,229.65	4	2,941.96	4	2,654.28	4	2,366.59	4	2,078.90
1/4		1/4	1/4	1/4		1/4	3,799.03	1/4	3,511.35	1/4	3,223.66	1/4	2,935.97	1/4	2,648.28	1/4	2,360.59	1/4	2,072.91
1/2		1/2	1/2	1/2		1/2	3,793.04	1/2	3,505.35	1/2	3,217.66	1/2	2,929.98	1/2	2,642.29	1/2	2,354.60	1/2	2,066.91
3/4		3/4	3/4	3/4		3/4	3,787.05	3/4	3,499.36	3/4	3,211.67	3/4	2,923.98	3/4	2,636.29	3/4	2,348.61	3/4	2,060.92
5		5		5		5	3,781.05	5	3,493.37	5	3,205.68	5	2,917.99	5	2,630.30	5	2,342.61	5	2,054.93
1/4		1/4	1/4	1/4		1/4	3,775.06	1/4	3,487.37	1/4	3,199.68	1/4	2,912.00	1/4	2,624.31	1/4	2,336.62	1/4	2,048.93
1/2		1/2	1/2	1/2		1/2	3,769.07	1/2	3,481.38	1/2	3,193.69	1/2	2,906.00	1/2	2,618.31	1/2	2,330.63	1/2	2,042.94
3/4		3/4	3/4	3/4		3/4	3,763.07	3/4	3,475.38	3/4	3,187.70	3/4	2,900.01	3/4	2,612.32	3/4	2,324.63	3/4	2,036.94
6		6		6		6	3,757.08	6	3,469.39	6	3,181.70	6	2,894.02	6	2,606.33	6	2,318.64	6	2,030.95
1/4		1/4	1/4	1/4		1/4	3,751.09	1/4	3,463.40	1/4	3,175.71	1/4	2,888.02	1/4	2,600.33	1/4	2,312.65	1/4	2,024.96
1/2		1/2	1/2	1/2		1/2	3,745.09	1/2	3,457.40	1/2	3,169.72	1/2	2,882.03	1/2	2,594.34	1/2	2,306.65	1/2	2,018.96
3/4		3/4	3/4	3/4		3/4	3,739.10	3/4	3,451.41	3/4	3,163.72	3/4	2,876.03	3/4	2,588.35	3/4	2,300.66	3/4	2,012.97
7		7		7	3,989.72	7	3,733.11	7	3,445.42	7	3,157.73	7	2,870.04	7	2,582.35	7	2,294.67	7	2,006.98
1/4		1/4	1/4	1/4	3,988.42	1/4	3,727.11	1/4	3,439.42	1/4	3,151.74	1/4	2,864.05	1/4	2,576.36	1/4	2,288.67	1/4	2,000.98
1/2		1/2	1/2	1/2	3,987.12	1/2	3,721.12	1/2	3,433.43	1/2	3,145.74	1/2	2,858.05	1/2	2,570.37	1/2	2,282.68	1/2	1,994.99
3/4		3/4	3/4	3/4	3,985.83	3/4	3,715.12	3/4	3,427.44	3/4	3,139.75	3/4	2,852.06	3/4	2,564.37	3/4	2,276.68	3/4	1,989.00
8		8		8	3,982.83	8	3,709.13	8	3,421.44	8	3,133.76	8	2,846.07	8	2,558.38	8	2,270.69	8	1,983.00
1/4		1/4	1/4	1/4	3,979.83	1/4	3,703.14	1/4	3,415.45	1/4	3,127.76	1/4	2,840.07	1/4	2,552.39	1/4	2,264.70	1/4	1,977.01
1/2		1/2	1/2	1/2	3,976.83	1/2	3,697.14	1/2	3,409.46	1/2	3,121.77	1/2	2,834.08	1/2	2,546.39	1/2	2,258.70	1/2	1,971.02
3/4		3/4	3/4	3/4	3,973.84	3/4	3,691.15	3/4	3,403.46	3/4	3,115.77	3/4	2,828.09	3/4	2,540.40	3/4	2,252.71	3/4	1,965.02
9		9		9	3,968.84	9	3,685.16	9	3,397.47	9	3,109.78	9	2,822.09	9	2,534.41	9	2,246.72	9	1,959.03
1/4		1/4	1/4	1/4	3,963.84	1/4	3,679.16	1/4	3,391.48	1/4	3,103.79	1/4	2,816.10	1/4	2,528.41	1/4	2,240.72	1/4	1,953.04
1/2		1/2	1/2	1/2	3,958.84	1/2	3,673.17	1/2	3,385.48	1/2	3,097.79	1/2	2,810.11	1/2	2,522.42	1/2	2,234.73	1/2	1,947.04
3/4		3/4	3/4	3/4	3,953.83	3/4	3,667.18	3/4	3,379.49	3/4	3,091.80	3/4	2,804.11	3/4	2,516.42	3/4	2,228.74	3/4	1,941.05
10		10		10	3,947.98	10	3,661.18	10	3,373.50	10	3,085.81	10	2,798.12	10	2,510.43	10	2,222.74	10	1,935.06
1/4		1/4	1/4	1/4	3,942.12	1/4	3,655.19	1/4	3,367.50	1/4	3,079.81	1/4	2,792.13	1/4	2,504.44	1/4	2,216.75	1/4	1,929.06
1/2		1/2	1/2	1/2	3,936.26	1/2	3,649.20	1/2	3,361.51	1/2	3,073.82	1/2	2,786.13	1/2	2,498.44	1/2	2,210.76	1/2	1,923.07
3/4		3/4	3/4	3/4	3,930.40	3/4	3,643.20	3/4	3,355.51	3/4	3,067.83	3/4	2,780.14	3/4	2,492.45	3/4	2,204.76	3/4	1,917.07
11		11		11	3,924.47	11	3,637.21	11	3,349.52	11	3,061.83	11	2,774.15	11	2,486.46	11	2,198.77	11	1,911.08
1/4		1/4	1/4	1/4	3,918.54	1/4	3,631.22	1/4	3,343.53	1/4	3,055.84	1/4	2,768.15	1/4	2,480.46	1/4	2,192.78	1/4	1,905.09
1/2		1/2	1/2	1/2	3,912.62	1/2	3,625.22	1/2	3,337.53	1/2	3,049.85	1/2	2,762.16	1/2	2,474.47	1/2	2,186.78	1/2	1,899.09
3/4		3/4	3/4	3/4	3,906.69	3/4	3,619.23	3/4	3,331.54	3/4	3,043.85	3/4	2,756.16	3/4	2,468.48	3/4	2,180.79	3/4	1,893.10

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.
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 Pearland, Texas 77588
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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	

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 82"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,448.18	0	3,194.02	0	2,939.74	0	2,685.47	0	2,431.19	0	2,176.92	0	1,922.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,442.91	1/4	3,188.72	1/4	2,934.44	1/4	2,680.17	1/4	2,425.89	1/4	2,171.62	1/4	1,917.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,437.65	1/2	3,183.42	1/2	2,929.15	1/2	2,674.87	1/2	2,420.60	1/2	2,166.32	1/2	1,912.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,432.36	3/4	3,178.13	3/4	2,923.85	3/4	2,669.57	3/4	2,415.30	3/4	2,161.02	3/4	1,906.75
1		1		1		1	3,427.08	1	3,172.83	1	2,918.55	1	2,664.28	1	2,410.00	1	2,155.73	1	1,901.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,421.80	1/4	3,167.53	1/4	2,913.26	1/4	2,658.98	1/4	2,404.70	1/4	2,150.43	1/4	1,896.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,416.51	1/2	3,162.23	1/2	2,907.96	1/2	2,653.68	1/2	2,399.41	1/2	2,145.13	1/2	1,890.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,411.22	3/4	3,156.94	3/4	2,902.66	3/4	2,648.39	3/4	2,394.11	3/4	2,139.83	3/4	1,885.56
2		2		2		2	3,405.92	2	3,151.64	2	2,897.36	2	2,643.09	2	2,388.81	2	2,134.54	2	1,880.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,400.63	1/4	3,146.34	1/4	2,892.07	1/4	2,637.79	1/4	2,383.52	1/4	2,129.24	1/4	1,874.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,395.33	1/2	3,141.04	1/2	2,886.77	1/2	2,632.49	1/2	2,378.22	1/2	2,123.94	1/2	1,869.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,390.03	3/4	3,135.75	3/4	2,881.47	3/4	2,627.20	3/4	2,372.92	3/4	2,118.65	3/4	1,864.37
3		3		3		3	3,384.73	3	3,130.45	3	2,876.17	3	2,621.90	3	2,367.62	3	2,113.35	3	1,859.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,379.43	1/4	3,125.15	1/4	2,870.88	1/4	2,616.60	1/4	2,362.33	1/4	2,108.05	1/4	1,853.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,374.13	1/2	3,119.85	1/2	2,865.58	1/2	2,611.30	1/2	2,357.03	1/2	2,102.75	1/2	1,848.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,368.83	3/4	3,114.56	3/4	2,860.28	3/4	2,606.01	3/4	2,351.73	3/4	2,097.46	3/4	1,843.18
4		4		4		4	3,363.53	4	3,109.26	4	2,854.98	4	2,600.71	4	2,346.43	4	2,092.16	4	1,837.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,358.24	1/4	3,103.96	1/4	2,849.69	1/4	2,595.41	1/4	2,341.14	1/4	2,086.86	1/4	1,832.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,352.94	1/2	3,098.66	1/2	2,844.39	1/2	2,590.11	1/2	2,335.84	1/2	2,081.56	1/2	1,827.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,347.64	3/4	3,093.37	3/4	2,839.09	3/4	2,584.82	3/4	2,330.54	3/4	2,076.27	3/4	1,821.99
5		5		5		5	3,342.34	5	3,088.07	5	2,833.79	5	2,579.52	5	2,325.24	5	2,070.97	5	1,816.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,337.05	1/4	3,082.77	1/4	2,828.50	1/4	2,574.22	1/4	2,319.95	1/4	2,065.67	1/4	1,811.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,331.75	1/2	3,077.47	1/2	2,823.20	1/2	2,568.92	1/2	2,314.65	1/2	2,060.37	1/2	1,806.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,326.45	3/4	3,072.18	3/4	2,817.90	3/4	2,563.63	3/4	2,309.35	3/4	2,055.08	3/4	1,800.80
6		6		6		6	3,321.15	6	3,066.88	6	2,812.60	6	2,558.33	6	2,304.05	6	2,049.78	6	1,795.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,315.86	1/4	3,061.58	1/4	2,807.31	1/4	2,553.03	1/4	2,298.76	1/4	2,044.48	1/4	1,790.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,310.56	1/2	3,056.28	1/2	2,802.01	1/2	2,547.73	1/2	2,293.46	1/2	2,039.18	1/2	1,784.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,532.10	3/4	3,305.26	3/4	3,050.99	3/4	2,796.71	3/4	2,542.44	3/4	2,288.16	3/4	2,033.89
7		7		7		7	3,530.95	7	3,299.97	7	3,045.69	7	2,791.41	7	2,537.14	7	2,282.86	7	2,028.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,529.81	1/4	3,294.67	1/4	3,040.39	1/4	2,786.12	1/4	2,531.84	1/4	2,277.57	1/4	2,023.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,528.66	1/2	3,289.37	1/2	3,035.10	1/2	2,780.82	1/2	2,526.54	1/2	2,272.27	1/2	2,017.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,526.01	3/4	3,284.07	3/4	3,029.80	3/4	2,775.52	3/4	2,521.25	3/4	2,266.97	3/4	2,012.70
8		8		8		8	3,523.36	8	3,278.78	8	3,024.50	8	2,770.23	8	2,515.95	8	2,261.67	8	2,007.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,520.71	1/4	3,273.48	1/4	3,019.20	1/4	2,764.93	1/4	2,510.65	1/4	2,256.38	1/4	2,002.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,518.06	1/2	3,268.18	1/2	3,013.91	1/2	2,759.63	1/2	2,505.36	1/2	2,251.08	1/2	1,996.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,513.64	3/4	3,262.88	3/4	3,008.61	3/4	2,754.33	3/4	2,500.06	3/4	2,245.78	3/4	1,991.51
9		9		9		9	3,509.22	9	3,257.59	9	3,003.31	9	2,749.04	9	2,494.76	9	2,240.49	9	1,986.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,504.80	1/4	3,252.29	1/4	2,998.01	1/4	2,743.74	1/4	2,489.46	1/4	2,235.19	1/4	1,980.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,500.38	1/2	3,246.99	1/2	2,992.72	1/2	2,738.44	1/2	2,484.17	1/2	2,229.89	1/2	1,975.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,495.21	3/4	3,241.69	3/4	2,987.42	3/4	2,733.14	3/4	2,478.87	3/4	2,224.59	3/4	1,970.32
10		10		10		10	3,490.03	10	3,236.40	10	2,982.12	10	2,727.85	10	2,473.57	10	2,219.30	10	1,965.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,484.85	1/4	3,231.10	1/4	2,976.82	1/4	2,722.55	1/4	2,468.27	1/4	2,214.00	1/4	1,959.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,479.67	1/2	3,225.80	1/2	2,971.53	1/2	2,717.25	1/2	2,462.98	1/2	2,208.70	1/2	1,954.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,474.43	3/4	3,220.50	3/4	2,966.23	3/4	2,711.95	3/4	2,457.68	3/4	2,203.40	3/4	1,949.13
11		11		11		11	3,469.19	11	3,215.21	11	2,960.93	11	2,706.66	11	2,452.38	11	2,198.11	11	1,943.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,463.95	1/4	3,209.91	1/4	2,955.63	1/4	2,701.36	1/4	2,447.08	1/4	2,192.81	1/4	1,938.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,458.71	1/2	3,204.61	1/2	2,950.34	1/2	2,696.06	1/2	2,441.79	1/2	2,187.51	1/2	1,933.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,453.44	3/4	3,199.31	3/4	2,945.04	3/4	2,690.76	3/4	2,436.49	3/4	2,182.21	3/4	1,927.94

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 27'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "DBL 82"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

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	1,668.37	0	1,414.09	0	1,159.82	0	905.54	0	651.27	0	397.43	0	143.17	0					
1/4	1,663.07	1/4	1,408.79	1/4	1,154.52	1/4	900.24	1/4	645.97	1/4	392.13	1/4	137.87	1/4					1/4
1/2	1,657.77	1/2	1,403.50	1/2	1,149.22	1/2	894.95	1/2	640.68	1/2	386.83	1/2	132.57	1/2					1/2
3/4	1,652.47	3/4	1,398.20	3/4	1,143.92	3/4	889.65	3/4	635.39	3/4	381.54	3/4	127.28	3/4					3/4
1	1,647.18	1	1,392.90	1	1,138.63	1	884.35	1	630.10	1	376.24	1	121.99	1	1				1
1/4	1,641.88	1/4	1,387.60	1/4	1,133.33	1/4	879.05	1/4	624.81	1/4	370.94	1/4	116.70	1/4					1/4
1/2	1,636.58	1/2	1,382.31	1/2	1,128.03	1/2	873.76	1/2	619.52	1/2	365.64	1/2	111.41	1/2					1/2
3/4	1,631.28	3/4	1,377.01	3/4	1,122.73	3/4	868.46	3/4	614.23	3/4	360.35	3/4	106.13	3/4					3/4
2	1,625.99	2	1,371.71	2	1,117.44	2	863.16	2	608.94	2	355.05	2	100.85	2	2				2
1/4	1,620.69	1/4	1,366.41	1/4	1,112.14	1/4	857.86	1/4	603.66	1/4	349.75	1/4	95.57	1/4					1/4
1/2	1,615.39	1/2	1,361.12	1/2	1,106.84	1/2	852.57	1/2	598.37	1/2	344.46	1/2	90.29	1/2					1/2
3/4	1,610.09	3/4	1,355.82	3/4	1,101.54	3/4	847.27	3/4	593.09	3/4	339.16	3/4	85.03	3/4					3/4
3	1,604.80	3	1,350.52	3	1,096.25	3	841.97	3	587.80	3	333.86	3	79.77	3	3				3
1/4	1,599.50	1/4	1,345.22	1/4	1,090.95	1/4	836.67	1/4	582.51	1/4	328.56	1/4	74.51	1/4					1/4
1/2	1,594.20	1/2	1,339.93	1/2	1,085.65	1/2	831.38	1/2	577.23	1/2	323.27	1/2	69.25	1/2					1/2
3/4	1,588.91	3/4	1,334.63	3/4	1,080.35	3/4	826.08	3/4	571.94	3/4	317.97	3/4	64.02	3/4					3/4
4	1,583.61	4	1,329.33	4	1,075.06	4	820.78	4	566.66	4	312.67	4	58.79	4	4				4
1/4	1,578.31	1/4	1,324.04	1/4	1,069.76	1/4	815.48	1/4	561.37	1/4	307.38	1/4	53.56	1/4					1/4
1/2	1,573.01	1/2	1,318.74	1/2	1,064.46	1/2	810.19	1/2	556.08	1/2	302.08	1/2	48.33	1/2					1/2
3/4	1,567.72	3/4	1,313.44	3/4	1,059.17	3/4	804.89	3/4	550.80	3/4	296.78	3/4	43.24	3/4					3/4
5	1,562.42	5	1,308.14	5	1,053.87	5	799.59	5	545.51	5	291.48	5	38.15	5	5				5
1/4	1,557.12	1/4	1,302.85	1/4	1,048.57	1/4	794.30	1/4	540.23	1/4	286.19	1/4	33.07	1/4					1/4
1/2	1,551.82	1/2	1,297.55	1/2	1,043.27	1/2	789.00	1/2	534.94	1/2	280.89	1/2	27.98	1/2					1/2
3/4	1,546.53	3/4	1,292.25	3/4	1,037.98	3/4	783.70	3/4	529.66	3/4	275.59	3/4	23.91	3/4					3/4
6	1,541.23	6	1,286.95	6	1,032.68	6	778.40	6	524.37	6	270.30	6	19.84	6	6				6
1/4	1,535.93	1/4	1,281.66	1/4	1,027.38	1/4	773.11	1/4	519.08	1/4	265.00	1/4	15.78	1/4					1/4
1/2	1,530.63	1/2	1,276.36	1/2	1,022.08	1/2	767.81	1/2	513.80	1/2	259.70	1/2	11.71	1/2					1/2
3/4	1,525.34	3/4	1,271.06	3/4	1,016.79	3/4	762.51	3/4	508.51	3/4	254.40	3/4	9.59	3/4					3/4
7	1,520.04	7	1,265.76	7	1,011.49	7	757.21	7	503.23	7	249.11	7	7.47	7	7				7
1/4	1,514.74	1/4	1,260.47	1/4	1,006.19	1/4	751.92	1/4	497.94	1/4	243.81	1/4	5.35	1/4					1/4
1/2	1,509.44	1/2	1,255.17	1/2	1,000.89	1/2	746.62	1/2	492.65	1/2	238.51	1/2	3.23	1/2					1/2
3/4	1,504.15	3/4	1,249.87	3/4	995.60	3/4	741.32	3/4	487.37	3/4	233.21	3/4		3/4					3/4
8	1,498.85	8	1,244.57	8	990.30	8	736.02	8	482.08	8	227.92	8		8	8				8
1/4	1,493.55	1/4	1,239.28	1/4	985.00	1/4	730.73	1/4	476.80	1/4	222.62	1/4		1/4					1/4
1/2	1,488.25	1/2	1,233.98	1/2	979.70	1/2	725.43	1/2	471.51	1/2	217.32	1/2		1/2					1/2
3/4	1,482.96	3/4	1,228.68	3/4	974.41	3/4	720.13	3/4	466.22	3/4	212.03	3/4		3/4					3/4
9	1,477.66	9	1,223.38	9	969.11	9	714.83	9	460.94	9	206.73	9		9	9				9
1/4	1,472.36	1/4	1,218.09	1/4	963.81	1/4	709.54	1/4	455.65	1/4	201.43	1/4		1/4					1/4
1/2	1,467.06	1/2	1,212.79	1/2	958.51	1/2	704.24	1/2	450.36	1/2	196.13	1/2		1/2					1/2
3/4	1,461.77	3/4	1,207.49	3/4	953.22	3/4	698.94	3/4	445.07	3/4	190.84	3/4		3/4					3/4
10	1,456.47	10	1,202.19	10	947.92	10	693.64	10	439.78	10	185.54	10		10	10				10
1/4	1,451.17	1/4	1,196.90	1/4	942.62	1/4	688.35	1/4	434.49	1/4	180.24	1/4		1/4					1/4
1/2	1,445.88	1/2	1,191.60	1/2	937.32	1/2	683.05	1/2	429.20	1/2	174.95	1/2		1/2					1/2
3/4	1,440.58	3/4	1,186.30	3/4	932.03	3/4	677.75	3/4	423.91	3/4	169.65	3/4		3/4					3/4
11	1,435.28	11	1,181.01	11	926.73	11	672.45	11	418.61	11	164.35	11		11	11				11
1/4	1,429.98	1/4	1,175.71	1/4	921.43	1/4	667.16	1/4	413.32	1/4	159.05	1/4		1/4					1/4
1/2	1,424.69	1/2	1,170.41	1/2	916.14	1/2	661.86	1/2	408.02	1/2	153.76	1/2		1/2					1/2
3/4	1,419.39	3/4	1,165.11	3/4	910.84	3/4	656.56	3/4	402.73	3/4	148.46	3/4		3/4					3/4

STRAPPED: 11/28/2008 CL - SW
CALCULATED: 11/27/2008 CL
PRINTED: 11/27/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2008

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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