



BARGE "DBL 303"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 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	00-3/8	- 00-3/8
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	00-3/8	- 00-3/8
2 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	00-3/8	- 00-3/8
2 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	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

August 6, 2013

PRECISION MEASUREMENT
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BARGE "DBL 303"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	22.96	0	362.70	0	725.31	0	1,087.67	0	1,450.05	0	1,812.67	0	2,175.29	0	2,537.91	0	2,900.43	0	3,262.92
1/4	27.37	1/4	370.25	1/4	732.86	1/4	1,095.22	1/4	1,457.60	1/4	1,820.22	1/4	2,182.84	1/4	2,545.47	1/4	2,907.98	1/4	3,270.47
1/2	31.77	1/2	377.81	1/2	740.42	1/2	1,102.76	1/2	1,465.16	1/2	1,827.78	1/2	2,190.40	1/2	2,553.02	1/2	2,915.53	1/2	3,278.02
3/4	36.18	3/4	385.36	3/4	747.97	3/4	1,110.30	3/4	1,472.71	3/4	1,835.33	3/4	2,197.95	3/4	2,560.57	3/4	2,923.09	3/4	3,285.57
1	40.58	1	392.92	1	755.52	1	1,117.84	1	1,480.27	1	1,842.89	1	2,205.51	1	2,568.13	1	2,930.64	1	3,293.12
1/4	46.25	1/4	400.47	1/4	763.08	1/4	1,125.38	1/4	1,487.82	1/4	1,850.44	1/4	2,213.06	1/4	2,575.68	1/4	2,938.19	1/4	3,300.68
1/2	51.91	1/2	408.03	1/2	770.63	1/2	1,132.93	1/2	1,495.38	1/2	1,858.00	1/2	2,220.62	1/2	2,583.24	1/2	2,945.74	1/2	3,308.23
3/4	57.58	3/4	415.58	3/4	778.19	3/4	1,140.47	3/4	1,502.93	3/4	1,865.55	3/4	2,228.17	3/4	2,590.79	3/4	2,953.29	3/4	3,315.78
2	63.24	2	423.13	2	785.74	2	1,148.01	2	1,510.48	2	1,873.11	2	2,235.73	2	2,598.35	2	2,960.84	2	3,323.33
1/4	70.17	1/4	430.69	1/4	793.30	1/4	1,155.55	1/4	1,518.04	1/4	1,880.66	1/4	2,243.28	1/4	2,605.90	1/4	2,968.40	1/4	3,330.88
1/2	77.09	1/2	438.24	1/2	800.85	1/2	1,163.10	1/2	1,525.59	1/2	1,888.21	1/2	2,250.84	1/2	2,613.46	1/2	2,975.95	1/2	3,338.43
3/4	84.01	3/4	445.80	3/4	808.40	3/4	1,170.64	3/4	1,533.15	3/4	1,895.77	3/4	2,258.39	3/4	2,621.01	3/4	2,983.50	3/4	3,345.99
3	90.94	3	453.35	3	815.96	3	1,178.18	3	1,540.70	3	1,903.32	3	2,265.94	3	2,628.57	3	2,991.05	3	3,353.54
1/4	98.45	1/4	460.91	1/4	823.51	1/4	1,185.72	1/4	1,548.26	1/4	1,910.88	1/4	2,273.50	1/4	2,636.12	1/4	2,998.60	1/4	3,361.09
1/2	105.97	1/2	468.46	1/2	831.07	1/2	1,193.27	1/2	1,555.81	1/2	1,918.43	1/2	2,281.05	1/2	2,643.67	1/2	3,006.16	1/2	3,368.64
3/4	113.49	3/4	476.02	3/4	838.62	3/4	1,200.81	3/4	1,563.37	3/4	1,925.99	3/4	2,288.61	3/4	2,651.22	3/4	3,013.71	3/4	3,376.19
4	121.01	4	483.57	4	846.18	4	1,208.35	4	1,570.92	4	1,933.54	4	2,296.16	4	2,658.77	4	3,021.26	4	3,383.75
1/4	128.55	1/4	491.12	1/4	853.73	1/4	1,215.89	1/4	1,578.48	1/4	1,941.10	1/4	2,303.72	1/4	2,666.32	1/4	3,028.81	1/4	3,391.30
1/2	136.10	1/2	498.68	1/2	861.28	1/2	1,223.43	1/2	1,586.03	1/2	1,948.65	1/2	2,311.27	1/2	2,673.88	1/2	3,036.36	1/2	3,398.85
3/4	143.64	3/4	506.23	3/4	868.84	3/4	1,230.98	3/4	1,593.59	3/4	1,956.21	3/4	2,318.83	3/4	2,681.43	3/4	3,043.91	3/4	3,406.40
5	151.18	5	513.79	5	876.39	5	1,238.52	5	1,601.14	5	1,963.76	5	2,326.38	5	2,688.98	5	3,051.47	5	3,413.95
1/4	158.74	1/4	521.34	1/4	883.95	1/4	1,246.07	1/4	1,608.69	1/4	1,971.32	1/4	2,333.94	1/4	2,696.53	1/4	3,059.02	1/4	3,421.50
1/2	166.29	1/2	528.90	1/2	891.50	1/2	1,253.63	1/2	1,616.25	1/2	1,978.87	1/2	2,341.49	1/2	2,704.08	1/2	3,066.57	1/2	3,429.06
3/4	173.84	3/4	536.45	3/4	899.06	3/4	1,261.18	3/4	1,623.80	3/4	1,986.42	3/4	2,349.05	3/4	2,711.64	3/4	3,074.12	3/4	3,436.61
6	181.40	6	544.00	6	906.61	6	1,268.74	6	1,631.36	6	1,993.98	6	2,356.60	6	2,719.19	6	3,081.67	6	3,444.16
1/4	188.95	1/4	551.56	1/4	914.16	1/4	1,276.29	1/4	1,638.91	1/4	2,001.53	1/4	2,364.15	1/4	2,726.74	1/4	3,089.23	1/4	3,451.71
1/2	196.51	1/2	559.11	1/2	921.72	1/2	1,283.85	1/2	1,646.47	1/2	2,009.09	1/2	2,371.71	1/2	2,734.29	1/2	3,096.78	1/2	3,459.26
3/4	204.06	3/4	566.67	3/4	929.27	3/4	1,291.40	3/4	1,654.02	3/4	2,016.64	3/4	2,379.26	3/4	2,741.84	3/4	3,104.33	3/4	3,466.82
7	211.61	7	574.22	7	936.83	7	1,298.96	7	1,661.58	7	2,024.20	7	2,386.82	7	2,749.39	7	3,111.88	7	3,474.37
1/4	219.17	1/4	581.78	1/4	944.37	1/4	1,306.51	1/4	1,669.13	1/4	2,031.75	1/4	2,394.37	1/4	2,756.95	1/4	3,119.43	1/4	3,481.92
1/2	226.72	1/2	589.33	1/2	951.91	1/2	1,314.07	1/2	1,676.69	1/2	2,039.31	1/2	2,401.93	1/2	2,764.50	1/2	3,126.98	1/2	3,489.47
3/4	234.28	3/4	596.88	3/4	959.45	3/4	1,321.62	3/4	1,684.24	3/4	2,046.86	3/4	2,409.48	3/4	2,772.05	3/4	3,134.54	3/4	3,497.02
8	241.83	8	604.44	8	967.00	8	1,329.17	8	1,691.80	8	2,054.42	8	2,417.04	8	2,779.60	8	3,142.09	8	3,504.57
1/4	249.39	1/4	611.99	1/4	974.54	1/4	1,336.73	1/4	1,699.35	1/4	2,061.97	1/4	2,424.59	1/4	2,787.15	1/4	3,149.64	1/4	3,512.13
1/2	256.94	1/2	619.55	1/2	982.08	1/2	1,344.28	1/2	1,706.90	1/2	2,069.53	1/2	2,432.15	1/2	2,794.71	1/2	3,157.19	1/2	3,519.68
3/4	264.49	3/4	627.10	3/4	989.62	3/4	1,351.84	3/4	1,714.46	3/4	2,077.08	3/4	2,439.70	3/4	2,802.26	3/4	3,164.74	3/4	3,527.23
9	272.05	9	634.66	9	997.17	9	1,359.39	9	1,722.01	9	2,084.63	9	2,447.26	9	2,809.81	9	3,172.30	9	3,534.78
1/4	279.60	1/4	642.21	1/4	1,004.71	1/4	1,366.95	1/4	1,729.57	1/4	2,092.19	1/4	2,454.81	1/4	2,817.36	1/4	3,179.85	1/4	3,542.33
1/2	287.16	1/2	649.76	1/2	1,012.25	1/2	1,374.50	1/2	1,737.12	1/2	2,099.74	1/2	2,462.36	1/2	2,824.91	1/2	3,187.40	1/2	3,549.89
3/4	294.71	3/4	657.32	3/4	1,019.79	3/4	1,382.06	3/4	1,744.68	3/4	2,107.30	3/4	2,469.92	3/4	2,832.46	3/4	3,194.95	3/4	3,557.44
10	302.27	10	664.87	10	1,027.33	10	1,389.61	10	1,752.23	10	2,114.85	10	2,477.47	10	2,840.02	10	3,202.50	10	3,564.99
1/4	309.82	1/4	672.43	1/4	1,034.88	1/4	1,397.17	1/4	1,759.79	1/4	2,122.41	1/4	2,485.03	1/4	2,847.57	1/4	3,210.05	1/4	3,572.54
1/2	317.37	1/2	679.98	1/2	1,042.42	1/2	1,404.72	1/2	1,767.34	1/2	2,129.96	1/2	2,492.58	1/2	2,855.12	1/2	3,217.61	1/2	3,580.09
3/4	324.93	3/4	687.54	3/4	1,049.96	3/4	1,412.28	3/4	1,774.90	3/4	2,137.52	3/4	2,500.14	3/4	2,862.67	3/4	3,225.16	3/4	3,587.64
11	332.48	11	695.09	11	1,057.50	11	1,419.83	11	1,782.45	11	2,145.07	11	2,507.69	11	2,870.22	11	3,232.71	11	3,595.20
1/4	340.04	1/4	702.64	1/4	1,065.05	1/4	1,427.38	1/4	1,790.01	1/4	2,152.63	1/4	2,515.25	1/4	2,877.78	1/4	3,240.26	1/4	3,602.75
1/2	347.59	1/2	710.20	1/2	1,072.59	1/2	1,434.94	1/2	1,797.56	1/2	2,160.18	1/2	2,522.80	1/2	2,885.33	1/2	3,247.81	1/2	3,610.30
3/4	355.15	3/4	717.75	3/4	1,080.13	3/4	1,442.49	3/4	1,805.11	3/4	2,167.74	3/4	2,530.36	3/4	2,892.88	3/4	3,255.37	3/4	3,617.85

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "DBL 303"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	3,625.40	0	3,987.89	0	4,350.38	0	4,708.04	0	5,047.48	0		0		0		0		0	
1/4	3,632.96	1/4	3,995.44	1/4	4,357.93	1/4	4,715.30	1/4	5,054.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,640.51	1/2	4,002.99	1/2	4,365.48	1/2	4,722.57	1/2	5,061.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,648.06	3/4	4,010.55	3/4	4,373.03	3/4	4,729.84	3/4	5,067.91	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,655.61	1	4,018.10	1	4,380.58	1	4,737.11	1	5,074.72	1		1		1		1		1	
1/4	3,663.16	1/4	4,025.65	1/4	4,388.14	1/4	4,744.32	1/4	5,081.51	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,670.71	1/2	4,033.20	1/2	4,395.69	1/2	4,751.53	1/2	5,088.29	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,678.27	3/4	4,040.75	3/4	4,403.24	3/4	4,758.74	3/4	5,095.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,685.82	2	4,048.30	2	4,410.79	2	4,765.94	2	5,101.85	2		2		2		2		2	
1/4	3,693.37	1/4	4,055.86	1/4	4,418.34	1/4	4,773.12	1/4	5,108.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,700.92	1/2	4,063.41	1/2	4,425.89	1/2	4,780.30	1/2	5,115.35	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,708.47	3/4	4,070.96	3/4	4,433.45	3/4	4,787.48	3/4	5,122.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,716.02	3	4,078.51	3	4,441.00	3	4,794.66	3	5,128.85	3		3		3		3		3	
1/4	3,723.58	1/4	4,086.06	1/4	4,448.54	1/4	4,801.81	1/4	5,135.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,731.13	1/2	4,093.61	1/2	4,456.08	1/2	4,808.96	1/2	5,142.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,738.68	3/4	4,101.17	3/4	4,463.62	3/4	4,816.11	3/4	5,148.98	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,746.23	4	4,108.72	4	4,471.16	4	4,823.26	4	5,155.70	4		4		4		4		4	
1/4	3,753.78	1/4	4,116.27	1/4	4,478.66	1/4	4,830.38	1/4	5,162.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,761.34	1/2	4,123.82	1/2	4,486.17	1/2	4,837.50	1/2	5,169.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,768.89	3/4	4,131.37	3/4	4,493.68	3/4	4,844.62	3/4	5,175.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,776.44	5	4,138.93	5	4,501.18	5	4,851.74	5	5,182.32	5		5		5		5		5	
1/4	3,783.99	1/4	4,146.48	1/4	4,508.66	1/4	4,858.83	1/4	5,188.35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,791.54	1/2	4,154.03	1/2	4,516.14	1/2	4,865.92	1/2	5,194.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,799.09	3/4	4,161.58	3/4	4,523.62	3/4	4,873.01	3/4	5,200.41	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,806.65	6	4,169.13	6	4,531.09	6	4,880.09	6	5,206.44	6		6		6		6		6	
1/4	3,814.20	1/4	4,176.68	1/4	4,538.54	1/4	4,887.15	1/4	5,212.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,821.75	1/2	4,184.24	1/2	4,545.99	1/2	4,894.21	1/2	5,217.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,829.30	3/4	4,191.79	3/4	4,553.43	3/4	4,901.27	3/4	5,223.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,836.85	7	4,199.34	7	4,560.88	7	4,908.33	7	5,228.70	7		7		7		7		7	
1/4	3,844.41	1/4	4,206.89	1/4	4,568.30	1/4	4,915.36	1/4	5,233.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,851.96	1/2	4,214.44	1/2	4,575.72	1/2	4,922.39	1/2	5,237.37	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,859.51	3/4	4,222.00	3/4	4,583.13	3/4	4,929.42	3/4	5,241.70	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,867.06	8	4,229.55	8	4,590.55	8	4,936.45	8	5,246.03	8		8		8		8		8	
1/4	3,874.61	1/4	4,237.10	1/4	4,597.94	1/4	4,943.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,882.16	1/2	4,244.65	1/2	4,605.33	1/2	4,950.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,889.72	3/4	4,252.20	3/4	4,612.71	3/4	4,957.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,897.27	9	4,259.75	9	4,620.10	9	4,964.45	9		9		9		9		9		9	
1/4	3,904.82	1/4	4,267.31	1/4	4,627.46	1/4	4,971.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,912.37	1/2	4,274.86	1/2	4,634.82	1/2	4,978.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,919.92	3/4	4,282.41	3/4	4,642.17	3/4	4,985.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,927.48	10	4,289.96	10	4,649.53	10	4,992.34	10		10		10		10		10		10	
1/4	3,935.03	1/4	4,297.51	1/4	4,656.86	1/4	4,999.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,942.58	1/2	4,305.07	1/2	4,664.19	1/2	5,006.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,950.13	3/4	4,312.62	3/4	4,671.52	3/4	5,013.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,957.68	11	4,320.17	11	4,678.84	11	5,020.11	11		11		11		11		11		11	
1/4	3,965.23	1/4	4,327.72	1/4	4,686.14	1/4	5,026.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,972.79	1/2	4,335.27	1/2	4,693.44	1/2	5,033.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,980.34	3/4	4,342.82	3/4	4,700.74	3/4	5,040.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 08/08/2013 SW
CALCULATED: 08/09/2013 CL
PRINTED: 08/10/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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 303"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	22.96	0	362.70	0	725.31	0	1,086.73	0	1,448.15	0	1,810.77	0	2,173.39	0	2,536.01	0	2,898.53	0	3,261.02
1/4	27.37	1/4	370.26	1/4	732.86	1/4	1,094.23	1/4	1,455.71	1/4	1,818.33	1/4	2,180.95	1/4	2,543.57	1/4	2,906.09	1/4	3,268.57
1/2	31.77	1/2	377.81	1/2	740.42	1/2	1,101.73	1/2	1,463.26	1/2	1,825.88	1/2	2,188.50	1/2	2,551.12	1/2	2,913.64	1/2	3,276.12
3/4	36.18	3/4	385.36	3/4	747.97	3/4	1,109.23	3/4	1,470.82	3/4	1,833.44	3/4	2,196.06	3/4	2,558.68	3/4	2,921.19	3/4	3,283.68
1	40.58	1	392.92	1	755.52	1	1,116.74	1	1,478.37	1	1,840.99	1	2,203.61	1	2,566.23	1	2,928.74	1	3,291.23
1/4	46.25	1/4	400.47	1/4	763.08	1/4	1,124.24	1/4	1,485.92	1/4	1,848.55	1/4	2,211.17	1/4	2,573.79	1/4	2,936.29	1/4	3,298.78
1/2	51.91	1/2	408.03	1/2	770.63	1/2	1,131.74	1/2	1,493.48	1/2	1,856.10	1/2	2,218.72	1/2	2,581.34	1/2	2,943.85	1/2	3,306.33
3/4	57.58	3/4	415.58	3/4	778.19	3/4	1,139.25	3/4	1,501.03	3/4	1,863.65	3/4	2,226.28	3/4	2,588.90	3/4	2,951.40	3/4	3,313.88
2	63.24	2	423.14	2	785.74	2	1,146.75	2	1,508.59	2	1,871.21	2	2,233.83	2	2,596.45	2	2,958.95	2	3,321.44
1/4	70.17	1/4	430.69	1/4	793.30	1/4	1,154.25	1/4	1,516.14	1/4	1,878.76	1/4	2,241.38	1/4	2,604.01	1/4	2,966.50	1/4	3,328.99
1/2	77.09	1/2	438.24	1/2	800.85	1/2	1,161.75	1/2	1,523.70	1/2	1,886.32	1/2	2,248.94	1/2	2,611.56	1/2	2,974.05	1/2	3,336.54
3/4	84.01	3/4	445.80	3/4	808.40	3/4	1,169.26	3/4	1,531.25	3/4	1,893.87	3/4	2,256.49	3/4	2,619.11	3/4	2,981.60	3/4	3,344.09
3	90.94	3	453.35	3	815.96	3	1,176.76	3	1,538.81	3	1,901.43	3	2,264.05	3	2,626.67	3	2,989.16	3	3,351.64
1/4	98.45	1/4	460.91	1/4	823.51	1/4	1,184.26	1/4	1,546.36	1/4	1,908.98	1/4	2,271.60	1/4	2,634.22	1/4	2,996.71	1/4	3,359.19
1/2	105.97	1/2	468.46	1/2	831.07	1/2	1,191.77	1/2	1,553.92	1/2	1,916.54	1/2	2,279.16	1/2	2,641.77	1/2	3,004.26	1/2	3,366.75
3/4	113.49	3/4	476.02	3/4	838.62	3/4	1,199.27	3/4	1,561.47	3/4	1,924.09	3/4	2,286.71	3/4	2,649.32	3/4	3,011.81	3/4	3,374.30
4	121.01	4	483.57	4	846.18	4	1,206.77	4	1,569.03	4	1,931.65	4	2,294.27	4	2,656.88	4	3,019.36	4	3,381.85
1/4	128.55	1/4	491.12	1/4	853.73	1/4	1,214.27	1/4	1,576.58	1/4	1,939.20	1/4	2,301.82	1/4	2,664.43	1/4	3,026.91	1/4	3,389.40
1/2	136.10	1/2	498.68	1/2	861.28	1/2	1,221.78	1/2	1,584.13	1/2	1,946.76	1/2	2,309.38	1/2	2,671.98	1/2	3,034.47	1/2	3,396.95
3/4	143.64	3/4	506.23	3/4	868.84	3/4	1,229.28	3/4	1,591.69	3/4	1,954.31	3/4	2,316.93	3/4	2,679.53	3/4	3,042.02	3/4	3,404.50
5	151.19	5	513.79	5	876.39	5	1,236.78	5	1,599.24	5	1,961.86	5	2,324.49	5	2,687.08	5	3,049.57	5	3,412.06
1/4	158.74	1/4	521.34	1/4	883.95	1/4	1,244.30	1/4	1,606.80	1/4	1,969.42	1/4	2,332.04	1/4	2,694.64	1/4	3,057.12	1/4	3,419.61
1/2	166.29	1/2	528.90	1/2	891.50	1/2	1,251.81	1/2	1,614.35	1/2	1,976.97	1/2	2,339.59	1/2	2,702.19	1/2	3,064.67	1/2	3,427.16
3/4	173.84	3/4	536.45	3/4	899.06	3/4	1,259.33	3/4	1,621.91	3/4	1,984.53	3/4	2,347.15	3/4	2,709.74	3/4	3,072.23	3/4	3,434.71
6	181.40	6	544.00	6	906.61	6	1,266.84	6	1,629.46	6	1,992.08	6	2,354.70	6	2,717.29	6	3,079.78	6	3,442.26
1/4	188.95	1/4	551.56	1/4	914.13	1/4	1,274.40	1/4	1,637.02	1/4	1,999.64	1/4	2,362.26	1/4	2,724.84	1/4	3,087.33	1/4	3,449.82
1/2	196.51	1/2	559.11	1/2	921.64	1/2	1,281.95	1/2	1,644.57	1/2	2,007.19	1/2	2,369.81	1/2	2,732.39	1/2	3,094.88	1/2	3,457.37
3/4	204.06	3/4	566.67	3/4	929.16	3/4	1,289.51	3/4	1,652.13	3/4	2,014.75	3/4	2,377.37	3/4	2,739.95	3/4	3,102.43	3/4	3,464.92
7	211.61	7	574.22	7	936.67	7	1,297.06	7	1,659.68	7	2,022.30	7	2,384.92	7	2,747.50	7	3,109.98	7	3,472.47
1/4	219.17	1/4	581.78	1/4	944.17	1/4	1,304.61	1/4	1,667.24	1/4	2,029.86	1/4	2,392.48	1/4	2,755.05	1/4	3,117.54	1/4	3,480.02
1/2	226.72	1/2	589.33	1/2	951.68	1/2	1,312.17	1/2	1,674.79	1/2	2,037.41	1/2	2,400.03	1/2	2,762.60	1/2	3,125.09	1/2	3,487.57
3/4	234.28	3/4	596.88	3/4	959.18	3/4	1,319.72	3/4	1,682.34	3/4	2,044.97	3/4	2,407.59	3/4	2,770.15	3/4	3,132.64	3/4	3,495.13
8	241.83	8	604.44	8	966.68	8	1,327.28	8	1,689.90	8	2,052.52	8	2,415.14	8	2,777.71	8	3,140.19	8	3,502.68
1/4	249.39	1/4	611.99	1/4	974.18	1/4	1,334.83	1/4	1,697.45	1/4	2,060.07	1/4	2,422.70	1/4	2,785.26	1/4	3,147.74	1/4	3,510.23
1/2	256.94	1/2	619.55	1/2	981.69	1/2	1,342.39	1/2	1,705.01	1/2	2,067.63	1/2	2,430.25	1/2	2,792.81	1/2	3,155.30	1/2	3,517.78
3/4	264.49	3/4	627.10	3/4	989.19	3/4	1,349.94	3/4	1,712.56	3/4	2,075.18	3/4	2,437.80	3/4	2,800.36	3/4	3,162.85	3/4	3,525.33
9	272.05	9	634.66	9	996.69	9	1,357.50	9	1,720.12	9	2,082.74	9	2,445.36	9	2,807.91	9	3,170.40	9	3,532.89
1/4	279.60	1/4	642.21	1/4	1,004.20	1/4	1,365.05	1/4	1,727.67	1/4	2,090.29	1/4	2,452.91	1/4	2,815.46	1/4	3,177.95	1/4	3,540.44
1/2	287.16	1/2	649.76	1/2	1,011.70	1/2	1,372.61	1/2	1,735.23	1/2	2,097.85	1/2	2,460.47	1/2	2,823.02	1/2	3,185.50	1/2	3,547.99
3/4	294.71	3/4	657.32	3/4	1,019.20	3/4	1,380.16	3/4	1,742.78	3/4	2,105.40	3/4	2,468.02	3/4	2,830.57	3/4	3,193.05	3/4	3,555.54
10	302.27	10	664.87	10	1,026.70	10	1,387.72	10	1,750.34	10	2,112.96	10	2,475.58	10	2,838.12	10	3,200.61	10	3,563.09
1/4	309.82	1/4	672.43	1/4	1,034.21	1/4	1,395.27	1/4	1,757.89	1/4	2,120.51	1/4	2,483.13	1/4	2,845.67	1/4	3,208.16	1/4	3,570.64
1/2	317.37	1/2	679.98	1/2	1,041.71	1/2	1,402.82	1/2	1,765.45	1/2	2,128.07	1/2	2,490.69	1/2	2,853.22	1/2	3,215.71	1/2	3,578.20
3/4	324.93	3/4	687.54	3/4	1,049.21	3/4	1,410.38	3/4	1,773.00	3/4	2,135.62	3/4	2,498.24	3/4	2,860.78	3/4	3,223.26	3/4	3,585.75
11	332.48	11	695.09	11	1,056.71	11	1,417.93	11	1,780.55	11	2,143.18	11	2,505.80	11	2,868.33	11	3,230.81	11	3,593.30
1/4	340.04	1/4	702.64	1/4	1,064.22	1/4	1,425.49	1/4	1,788.11	1/4	2,150.73	1/4	2,513.35	1/4	2,875.88	1/4	3,238.37	1/4	3,600.85
1/2	347.59	1/2	710.20	1/2	1,071.72	1/2	1,433.04	1/2	1,795.66	1/2	2,158.28	1/2	2,520.91	1/2	2,883.43	1/2	3,245.92	1/2	3,608.40
3/4	355.15	3/4	717.75	3/4	1,079.22	3/4	1,440.60	3/4	1,803.22	3/4	2,165.84	3/4	2,528.46	3/4	2,890.98	3/4	3,253.47	3/4	3,615.96

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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





BARGE "DBL 303"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,623.51	0	3,985.99	0	4,348.48	0	4,706.14	0	5,045.58	0		0		0		0		0	
1/4	3,631.06	1/4	3,993.55	1/4	4,356.03	1/4	4,713.40	1/4	5,052.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.61	1/2	4,001.10	1/2	4,363.58	1/2	4,720.67	1/2	5,059.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.16	3/4	4,008.65	3/4	4,371.14	3/4	4,727.94	3/4	5,066.01	3/4		3/4		3/4		3/4		3/4	
1	3,653.71	1	4,016.20	1	4,378.69	1	4,735.21	1	5,072.82	1		1		1		1		1	
1/4	3,661.27	1/4	4,023.75	1/4	4,386.24	1/4	4,742.42	1/4	5,079.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,668.82	1/2	4,031.30	1/2	4,393.79	1/2	4,749.63	1/2	5,086.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.37	3/4	4,038.86	3/4	4,401.34	3/4	4,756.84	3/4	5,093.17	3/4		3/4		3/4		3/4		3/4	
2	3,683.92	2	4,046.41	2	4,408.89	2	4,764.05	2	5,099.95	2		2		2		2		2	
1/4	3,691.47	1/4	4,053.96	1/4	4,416.45	1/4	4,771.22	1/4	5,106.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.03	1/2	4,061.51	1/2	4,424.00	1/2	4,778.40	1/2	5,113.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,706.58	3/4	4,069.06	3/4	4,431.55	3/4	4,785.58	3/4	5,120.20	3/4		3/4		3/4		3/4		3/4	
3	3,714.13	3	4,076.62	3	4,439.10	3	4,792.76	3	5,126.95	3		3		3		3		3	
1/4	3,721.68	1/4	4,084.17	1/4	4,446.64	1/4	4,799.91	1/4	5,133.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,729.23	1/2	4,091.72	1/2	4,454.18	1/2	4,807.06	1/2	5,140.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,736.78	3/4	4,099.27	3/4	4,461.72	3/4	4,814.21	3/4	5,147.08	3/4		3/4		3/4		3/4		3/4	
4	3,744.34	4	4,106.82	4	4,469.26	4	4,821.36	4	5,153.79	4		4		4		4		4	
1/4	3,751.89	1/4	4,114.37	1/4	4,476.76	1/4	4,828.48	1/4	5,160.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,759.44	1/2	4,121.93	1/2	4,484.27	1/2	4,835.60	1/2	5,167.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,766.99	3/4	4,129.48	3/4	4,491.78	3/4	4,842.72	3/4	5,173.76	3/4		3/4		3/4		3/4		3/4	
5	3,774.54	5	4,137.03	5	4,499.29	5	4,849.84	5	5,180.42	5		5		5		5		5	
1/4	3,782.09	1/4	4,144.58	1/4	4,506.76	1/4	4,856.93	1/4	5,186.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,789.65	1/2	4,152.13	1/2	4,514.24	1/2	4,864.02	1/2	5,192.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,797.20	3/4	4,159.68	3/4	4,521.72	3/4	4,871.11	3/4	5,198.51	3/4		3/4		3/4		3/4		3/4	
6	3,804.75	6	4,167.24	6	4,529.19	6	4,878.20	6	5,204.54	6		6		6		6		6	
1/4	3,812.30	1/4	4,174.79	1/4	4,536.64	1/4	4,885.25	1/4	5,210.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,819.85	1/2	4,182.34	1/2	4,544.09	1/2	4,892.31	1/2	5,215.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,827.41	3/4	4,189.89	3/4	4,551.54	3/4	4,899.37	3/4	5,221.23	3/4		3/4		3/4		3/4		3/4	
7	3,834.96	7	4,197.44	7	4,558.98	7	4,906.43	7	5,226.79	7		7		7		7		7	
1/4	3,842.51	1/4	4,205.00	1/4	4,566.40	1/4	4,913.46	1/4	5,231.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,850.06	1/2	4,212.55	1/2	4,573.82	1/2	4,920.49	1/2	5,235.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,857.61	3/4	4,220.10	3/4	4,581.24	3/4	4,927.52	3/4	5,239.80	3/4		3/4		3/4		3/4		3/4	
8	3,865.16	8	4,227.65	8	4,588.65	8	4,934.55	8	5,244.13	8		8		8		8		8	
1/4	3,872.72	1/4	4,235.20	1/4	4,596.04	1/4	4,941.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,880.27	1/2	4,242.75	1/2	4,603.43	1/2	4,948.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,887.82	3/4	4,250.31	3/4	4,610.82	3/4	4,955.55	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,895.37	9	4,257.86	9	4,618.20	9	4,962.55	9		9		9		9		9		9	
1/4	3,902.92	1/4	4,265.41	1/4	4,625.56	1/4	4,969.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,910.48	1/2	4,272.96	1/2	4,632.92	1/2	4,976.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,918.03	3/4	4,280.51	3/4	4,640.28	3/4	4,983.47	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,925.58	10	4,288.07	10	4,647.63	10	4,990.44	10		10		10		10		10		10	
1/4	3,933.13	1/4	4,295.62	1/4	4,654.96	1/4	4,997.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,940.68	1/2	4,303.17	1/2	4,662.29	1/2	5,004.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,948.23	3/4	4,310.72	3/4	4,669.62	3/4	5,011.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,955.79	11	4,318.27	11	4,676.95	11	5,018.21	11		11		11		11		11		11	
1/4	3,963.34	1/4	4,325.82	1/4	4,684.24	1/4	5,025.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,970.89	1/2	4,333.38	1/2	4,691.54	1/2	5,031.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,978.44	3/4	4,340.93	3/4	4,698.84	3/4	5,038.74	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/08/2013 SW
CALCULATED: 08/09/2013 CL
PRINTED: 08/10/2013 SW

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