



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

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"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	22.90	0	361.66	0	723.22	0	1,084.55	0	1,445.87	0	1,807.45	0	2,169.02	0	2,530.60	0	2,892.07	0	3,253.52
1/4	27.29	1/4	369.19	1/4	730.76	1/4	1,092.07	1/4	1,453.41	1/4	1,814.98	1/4	2,176.56	1/4	2,538.13	1/4	2,899.60	1/4	3,261.05
1/2	31.68	1/2	376.72	1/2	738.29	1/2	1,099.59	1/2	1,460.94	1/2	1,822.51	1/2	2,184.09	1/2	2,545.66	1/2	2,907.13	1/2	3,268.58
3/4	36.08	3/4	384.26	3/4	745.82	3/4	1,107.11	3/4	1,468.47	3/4	1,830.05	3/4	2,191.62	3/4	2,553.20	3/4	2,914.67	3/4	3,276.11
1	40.47	1	391.79	1	753.35	1	1,114.63	1	1,476.01	1	1,837.58	1	2,199.15	1	2,560.73	1	2,922.20	1	3,283.64
1/4	46.12	1/4	399.32	1/4	760.89	1/4	1,122.15	1/4	1,483.54	1/4	1,845.11	1/4	2,206.69	1/4	2,568.26	1/4	2,929.73	1/4	3,291.17
1/2	51.77	1/2	406.85	1/2	768.42	1/2	1,129.67	1/2	1,491.07	1/2	1,852.65	1/2	2,214.22	1/2	2,575.79	1/2	2,937.26	1/2	3,298.70
3/4	57.41	3/4	414.39	3/4	775.95	3/4	1,137.19	3/4	1,498.60	3/4	1,860.18	3/4	2,221.75	3/4	2,583.33	3/4	2,944.79	3/4	3,306.23
2	63.06	2	421.92	2	783.48	2	1,144.71	2	1,506.14	2	1,867.71	2	2,229.29	2	2,590.86	2	2,952.32	2	3,313.76
1/4	69.97	1/4	429.45	1/4	791.02	1/4	1,152.23	1/4	1,513.67	1/4	1,875.24	1/4	2,236.82	1/4	2,598.39	1/4	2,959.85	1/4	3,321.29
1/2	76.87	1/2	436.98	1/2	798.55	1/2	1,159.75	1/2	1,521.20	1/2	1,882.78	1/2	2,244.35	1/2	2,605.93	1/2	2,967.38	1/2	3,328.82
3/4	83.77	3/4	444.52	3/4	806.08	3/4	1,167.27	3/4	1,528.74	3/4	1,890.31	3/4	2,251.88	3/4	2,613.46	3/4	2,974.91	3/4	3,336.35
3	90.67	3	452.05	3	813.61	3	1,174.79	3	1,536.27	3	1,897.84	3	2,259.42	3	2,620.99	3	2,982.44	3	3,343.88
1/4	98.17	1/4	459.58	1/4	821.15	1/4	1,182.31	1/4	1,543.80	1/4	1,905.38	1/4	2,266.95	1/4	2,628.52	1/4	2,989.97	1/4	3,351.41
1/2	105.67	1/2	467.11	1/2	828.68	1/2	1,189.83	1/2	1,551.33	1/2	1,912.91	1/2	2,274.48	1/2	2,636.05	1/2	2,997.50	1/2	3,358.94
3/4	113.17	3/4	474.65	3/4	836.21	3/4	1,197.35	3/4	1,558.87	3/4	1,920.44	3/4	2,282.02	3/4	2,643.58	3/4	3,005.03	3/4	3,366.47
4	120.66	4	482.18	4	843.74	4	1,204.87	4	1,566.40	4	1,927.97	4	2,289.55	4	2,651.11	4	3,012.56	4	3,374.00
1/4	128.18	1/4	489.71	1/4	851.28	1/4	1,212.39	1/4	1,573.93	1/4	1,935.51	1/4	2,297.08	1/4	2,658.64	1/4	3,020.09	1/4	3,381.53
1/2	135.71	1/2	497.25	1/2	858.81	1/2	1,219.92	1/2	1,581.46	1/2	1,943.04	1/2	2,304.61	1/2	2,666.17	1/2	3,027.62	1/2	3,389.06
3/4	143.23	3/4	504.78	3/4	866.34	3/4	1,227.44	3/4	1,589.00	3/4	1,950.57	3/4	2,312.15	3/4	2,673.70	3/4	3,035.15	3/4	3,396.59
5	150.75	5	512.31	5	873.88	5	1,234.96	5	1,596.53	5	1,958.10	5	2,319.68	5	2,681.23	5	3,042.68	5	3,404.12
1/4	158.28	1/4	519.84	1/4	881.41	1/4	1,242.49	1/4	1,604.06	1/4	1,965.64	1/4	2,327.21	1/4	2,688.76	1/4	3,050.21	1/4	3,411.65
1/2	165.81	1/2	527.38	1/2	888.94	1/2	1,250.02	1/2	1,611.60	1/2	1,973.17	1/2	2,334.74	1/2	2,696.29	1/2	3,057.74	1/2	3,419.18
3/4	173.34	3/4	534.91	3/4	896.47	3/4	1,257.55	3/4	1,619.13	3/4	1,980.70	3/4	2,342.28	3/4	2,703.82	3/4	3,065.27	3/4	3,426.71
6	180.88	6	542.44	6	904.01	6	1,265.09	6	1,626.66	6	1,988.24	6	2,349.81	6	2,711.35	6	3,072.80	6	3,434.24
1/4	188.41	1/4	549.97	1/4	911.54	1/4	1,272.62	1/4	1,634.19	1/4	1,995.77	1/4	2,357.34	1/4	2,718.88	1/4	3,080.33	1/4	3,441.77
1/2	195.94	1/2	557.51	1/2	919.07	1/2	1,280.15	1/2	1,641.73	1/2	2,003.30	1/2	2,364.88	1/2	2,726.41	1/2	3,087.86	1/2	3,449.30
3/4	203.47	3/4	565.04	3/4	926.60	3/4	1,287.69	3/4	1,649.26	3/4	2,010.83	3/4	2,372.41	3/4	2,733.94	3/4	3,095.39	3/4	3,456.83
7	211.01	7	572.57	7	934.14	7	1,295.22	7	1,656.79	7	2,018.37	7	2,379.94	7	2,741.47	7	3,102.92	7	3,464.36
1/4	218.54	1/4	580.10	1/4	941.66	1/4	1,302.75	1/4	1,664.33	1/4	2,025.90	1/4	2,387.47	1/4	2,749.00	1/4	3,110.45	1/4	3,471.89
1/2	226.07	1/2	587.64	1/2	949.18	1/2	1,310.28	1/2	1,671.86	1/2	2,033.43	1/2	2,395.01	1/2	2,756.53	1/2	3,117.98	1/2	3,479.42
3/4	233.60	3/4	595.17	3/4	956.70	3/4	1,317.82	3/4	1,679.39	3/4	2,040.97	3/4	2,402.54	3/4	2,764.06	3/4	3,125.51	3/4	3,486.95
8	241.14	8	602.70	8	964.22	8	1,325.35	8	1,686.92	8	2,048.50	8	2,410.07	8	2,771.59	8	3,133.04	8	3,494.48
1/4	248.67	1/4	610.23	1/4	971.74	1/4	1,332.88	1/4	1,694.46	1/4	2,056.03	1/4	2,417.61	1/4	2,779.12	1/4	3,140.57	1/4	3,502.01
1/2	256.20	1/2	617.77	1/2	979.26	1/2	1,340.42	1/2	1,701.99	1/2	2,063.56	1/2	2,425.14	1/2	2,786.65	1/2	3,148.10	1/2	3,509.54
3/4	263.73	3/4	625.30	3/4	986.78	3/4	1,347.95	3/4	1,709.52	3/4	2,071.10	3/4	2,432.67	3/4	2,794.18	3/4	3,155.63	3/4	3,517.07
9	271.27	9	632.83	9	994.30	9	1,355.48	9	1,717.06	9	2,078.63	9	2,440.20	9	2,801.71	9	3,163.16	9	3,524.60
1/4	278.80	1/4	640.36	1/4	1,001.82	1/4	1,363.01	1/4	1,724.59	1/4	2,086.16	1/4	2,447.74	1/4	2,809.24	1/4	3,170.69	1/4	3,532.13
1/2	286.33	1/2	647.90	1/2	1,009.34	1/2	1,370.55	1/2	1,732.12	1/2	2,093.70	1/2	2,455.27	1/2	2,816.77	1/2	3,178.22	1/2	3,539.66
3/4	293.87	3/4	655.43	3/4	1,016.86	3/4	1,378.08	3/4	1,739.65	3/4	2,101.23	3/4	2,462.80	3/4	2,824.30	3/4	3,185.75	3/4	3,547.19
10	301.40	10	662.96	10	1,024.38	10	1,385.61	10	1,747.19	10	2,108.76	10	2,470.34	10	2,831.83	10	3,193.28	10	3,554.72
1/4	308.93	1/4	670.50	1/4	1,031.90	1/4	1,393.14	1/4	1,754.72	1/4	2,116.29	1/4	2,477.87	1/4	2,839.36	1/4	3,200.81	1/4	3,562.25
1/2	316.46	1/2	678.03	1/2	1,039.42	1/2	1,400.68	1/2	1,762.25	1/2	2,123.83	1/2	2,485.40	1/2	2,846.89	1/2	3,208.34	1/2	3,569.78
3/4	324.00	3/4	685.56	3/4	1,046.94	3/4	1,408.21	3/4	1,769.78	3/4	2,131.36	3/4	2,492.93	3/4	2,854.42	3/4	3,215.87	3/4	3,577.31
11	331.53	11	693.09	11	1,054.46	11	1,415.74	11	1,777.32	11	2,138.89	11	2,500.47	11	2,861.95	11	3,223.40	11	3,584.84
1/4	339.06	1/4	700.63	1/4	1,061.98	1/4	1,423.28	1/4	1,784.85	1/4	2,146.42	1/4	2,508.00	1/4	2,869.48	1/4	3,230.93	1/4	3,592.37
1/2	346.59	1/2	708.16	1/2	1,069.51	1/2	1,430.81	1/2	1,792.38	1/2	2,153.96	1/2	2,515.53	1/2	2,877.01	1/2	3,238.46	1/2	3,599.90
3/4	354.13	3/4	715.69	3/4	1,077.03	3/4	1,438.34	3/4	1,799.92	3/4	2,161.49	3/4	2,523.06	3/4	2,884.54	3/4	3,245.99	3/4	3,607.43

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"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	3,614.96	0	3,976.41	0	4,337.85	0	4,694.49	0	5,032.97	0		0		0		0		0	
1/4	3,622.49	1/4	3,983.94	1/4	4,345.38	1/4	4,701.74	1/4	5,039.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.02	1/2	3,991.47	1/2	4,352.91	1/2	4,708.98	1/2	5,046.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,637.55	3/4	3,999.00	3/4	4,360.44	3/4	4,716.23	3/4	5,053.35	3/4		3/4		3/4		3/4		3/4	
1	3,645.08	1	4,006.53	1	4,367.97	1	4,723.48	1	5,060.14	1		1		1		1		1	
1/4	3,652.61	1/4	4,014.06	1/4	4,375.50	1/4	4,730.67	1/4	5,066.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.14	1/2	4,021.59	1/2	4,383.03	1/2	4,737.86	1/2	5,073.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,667.68	3/4	4,029.12	3/4	4,390.56	3/4	4,745.04	3/4	5,080.43	3/4		3/4		3/4		3/4		3/4	
2	3,675.21	2	4,036.65	2	4,398.09	2	4,752.23	2	5,087.19	2		2		2		2		2	
1/4	3,682.74	1/4	4,044.18	1/4	4,405.62	1/4	4,759.39	1/4	5,093.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,690.27	1/2	4,051.71	1/2	4,413.15	1/2	4,766.55	1/2	5,100.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,697.80	3/4	4,059.24	3/4	4,420.69	3/4	4,773.71	3/4	5,107.38	3/4		3/4		3/4		3/4		3/4	
3	3,705.33	3	4,066.77	3	4,428.22	3	4,780.87	3	5,114.11	3		3		3		3		3	
1/4	3,712.86	1/4	4,074.30	1/4	4,435.73	1/4	4,788.00	1/4	5,120.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,720.39	1/2	4,081.83	1/2	4,443.25	1/2	4,795.13	1/2	5,127.50	1/2		1/2		1/2		1/2		1/2	
3/4	3,727.92	3/4	4,089.36	3/4	4,450.77	3/4	4,802.25	3/4	5,134.19	3/4		3/4		3/4		3/4		3/4	
4	3,735.45	4	4,096.89	4	4,458.29	4	4,809.38	4	5,140.88	4		4		4		4		4	
1/4	3,742.98	1/4	4,104.42	1/4	4,465.77	1/4	4,816.48	1/4	5,147.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,750.51	1/2	4,111.95	1/2	4,473.26	1/2	4,823.58	1/2	5,154.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,758.04	3/4	4,119.48	3/4	4,480.74	3/4	4,830.68	3/4	5,160.80	3/4		3/4		3/4		3/4		3/4	
5	3,765.57	5	4,127.01	5	4,488.23	5	4,837.78	5	5,167.43	5		5		5		5		5	
1/4	3,773.10	1/4	4,134.54	1/4	4,495.68	1/4	4,844.85	1/4	5,173.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,780.63	1/2	4,142.07	1/2	4,503.14	1/2	4,851.92	1/2	5,179.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,788.16	3/4	4,149.60	3/4	4,510.60	3/4	4,858.99	3/4	5,185.47	3/4		3/4		3/4		3/4		3/4	
6	3,795.69	6	4,157.13	6	4,518.05	6	4,866.06	6	5,191.49	6		6		6		6		6	
1/4	3,803.22	1/4	4,164.66	1/4	4,525.48	1/4	4,873.10	1/4	5,197.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,810.75	1/2	4,172.19	1/2	4,532.90	1/2	4,880.14	1/2	5,202.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,818.28	3/4	4,179.72	3/4	4,540.33	3/4	4,887.18	3/4	5,208.13	3/4		3/4		3/4		3/4		3/4	
7	3,825.81	7	4,187.25	7	4,547.76	7	4,894.22	7	5,213.68	7		7		7		7		7	
1/4	3,833.34	1/4	4,194.78	1/4	4,555.15	1/4	4,901.23	1/4	5,218.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,840.87	1/2	4,202.31	1/2	4,562.55	1/2	4,908.24	1/2	5,222.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,848.40	3/4	4,209.84	3/4	4,569.94	3/4	4,915.25	3/4	5,226.64	3/4		3/4		3/4		3/4		3/4	
8	3,855.93	8	4,217.37	8	4,577.34	8	4,922.26	8	5,230.96	8		8		8		8		8	
1/4	3,863.46	1/4	4,224.90	1/4	4,584.71	1/4	4,929.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,870.99	1/2	4,232.43	1/2	4,592.07	1/2	4,936.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,878.52	3/4	4,239.96	3/4	4,599.44	3/4	4,943.20	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,886.05	9	4,247.49	9	4,606.81	9	4,950.18	9		9		9		9		9		9	
1/4	3,893.58	1/4	4,255.02	1/4	4,614.14	1/4	4,957.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,901.11	1/2	4,262.55	1/2	4,621.48	1/2	4,964.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,908.64	3/4	4,270.08	3/4	4,628.82	3/4	4,971.04	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,916.17	10	4,277.61	10	4,636.15	10	4,977.99	10		10		10		10		10		10	
1/4	3,923.70	1/4	4,285.14	1/4	4,643.46	1/4	4,984.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,931.23	1/2	4,292.67	1/2	4,650.77	1/2	4,991.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,938.76	3/4	4,300.20	3/4	4,658.07	3/4	4,998.76	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,946.29	11	4,307.73	11	4,665.38	11	5,005.68	11		11		11		11		11		11	
1/4	3,953.82	1/4	4,315.26	1/4	4,672.66	1/4	5,012.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,961.35	1/2	4,322.79	1/2	4,679.93	1/2	5,019.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,968.88	3/4	4,330.32	3/4	4,687.21	3/4	5,026.15	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"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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
0	22.90	1/4	361.66	1/2	723.22	3/4	1,076.60	1	1,429.98	1/4	1,791.56	1/2	2,153.14	3/4	2,514.72	1	2,876.20	1/4	3,237.64
1/4	27.29	1/4	369.19	1/2	730.76	3/4	1,083.79	1	1,437.52	1/4	1,799.10	1/2	2,160.68	3/4	2,522.25	1	2,883.73	1/4	3,245.17
1/2	31.68	1/2	376.72	1/2	738.29	3/4	1,090.98	1	1,445.05	1/2	1,806.63	3/4	2,168.21	1	2,529.79	1/2	2,891.26	3/4	3,252.70
3/4	36.08	3/4	384.26	1	745.82	1	1,098.16	1	1,452.58	3/4	1,814.16	1	2,175.74	3/4	2,537.32	1	2,898.79	1	3,260.23
1	40.47	1	391.79	1	753.35	1	1,105.35	1	1,460.12	1	1,821.69	1	2,183.27	1	2,544.85	1	2,906.32	1	3,267.77
1/4	46.12	1/4	399.32	1/4	760.89	1/4	1,112.54	1/4	1,467.65	1/4	1,829.23	1/4	2,190.81	1/4	2,552.39	1/4	2,913.85	1/4	3,275.30
1/2	51.77	1/2	406.85	1/2	768.42	1/2	1,119.73	1/2	1,475.18	1/2	1,836.76	1/2	2,198.34	1/2	2,559.92	1/2	2,921.38	1/2	3,282.83
3/4	57.41	3/4	414.39	3/4	775.95	3/4	1,126.92	3/4	1,482.71	3/4	1,844.29	3/4	2,205.87	3/4	2,567.45	3/4	2,928.91	3/4	3,290.36
2	63.06	2	421.92	2	783.48	2	1,134.11	2	1,490.25	2	1,851.83	2	2,213.41	2	2,574.98	2	2,936.44	2	3,297.89
1/4	69.97	1/4	429.45	1/4	791.02	1/4	1,141.30	1/4	1,497.78	1/4	1,859.36	1/4	2,220.94	1/4	2,582.52	1/4	2,943.97	1/4	3,305.42
1/2	76.87	1/2	436.98	1/2	798.55	1/2	1,148.49	1/2	1,505.31	1/2	1,866.89	1/2	2,228.47	1/2	2,590.05	1/2	2,951.50	1/2	3,312.95
3/4	83.77	3/4	444.52	3/4	806.08	3/4	1,155.68	3/4	1,512.85	3/4	1,874.42	3/4	2,236.00	3/4	2,597.58	3/4	2,959.03	3/4	3,320.48
3	90.67	3	452.05	3	813.61	3	1,162.87	3	1,520.38	3	1,881.96	3	2,243.54	3	2,605.12	3	2,966.56	3	3,328.01
1/4	98.17	1/4	459.58	1/4	821.15	1/4	1,170.06	1/4	1,527.91	1/4	1,889.49	1/4	2,251.07	1/4	2,612.65	1/4	2,974.09	1/4	3,335.54
1/2	105.67	1/2	467.11	1/2	828.68	1/2	1,177.25	1/2	1,535.44	1/2	1,897.02	1/2	2,258.60	1/2	2,620.18	1/2	2,981.62	1/2	3,343.07
3/4	113.16	3/4	474.65	3/4	836.21	3/4	1,184.44	3/4	1,542.98	3/4	1,904.56	3/4	2,266.14	3/4	2,627.71	3/4	2,989.15	3/4	3,350.60
4	120.66	4	482.18	4	843.74	4	1,191.63	4	1,550.51	4	1,912.09	4	2,273.67	4	2,635.24	4	2,996.68	4	3,358.13
1/4	128.18	1/4	489.71	1/4	851.28	1/4	1,198.82	1/4	1,558.04	1/4	1,919.62	1/4	2,281.20	1/4	2,642.77	1/4	3,004.21	1/4	3,365.66
1/2	135.71	1/2	497.25	1/2	858.81	1/2	1,206.01	1/2	1,565.58	1/2	1,927.16	1/2	2,288.73	1/2	2,650.30	1/2	3,011.74	1/2	3,373.19
3/4	143.23	3/4	504.78	3/4	866.34	3/4	1,213.19	3/4	1,573.11	3/4	1,934.69	3/4	2,296.27	3/4	2,657.83	3/4	3,019.27	3/4	3,380.72
5	150.75	5	512.31	5	873.88	5	1,220.38	5	1,580.64	5	1,942.22	5	2,303.80	5	2,665.36	5	3,026.80	5	3,388.25
1/4	158.28	1/4	519.84	1/4	881.41	1/4	1,227.59	1/4	1,588.17	1/4	1,949.75	1/4	2,311.33	1/4	2,672.89	1/4	3,034.33	1/4	3,395.78
1/2	165.81	1/2	527.38	1/2	888.94	1/2	1,234.79	1/2	1,595.71	1/2	1,957.29	1/2	2,318.87	1/2	2,680.42	1/2	3,041.86	1/2	3,403.31
3/4	173.34	3/4	534.91	3/4	896.47	3/4	1,241.99	3/4	1,603.24	3/4	1,964.82	3/4	2,326.40	3/4	2,687.95	3/4	3,049.39	3/4	3,410.84
6	180.88	6	542.44	6	904.01	6	1,249.19	6	1,610.77	6	1,972.35	6	2,333.93	6	2,695.48	6	3,056.92	6	3,418.37
1/4	188.41	1/4	549.97	1/4	911.21	1/4	1,256.73	1/4	1,618.31	1/4	1,979.89	1/4	2,341.46	1/4	2,703.01	1/4	3,064.45	1/4	3,425.90
1/2	195.94	1/2	557.51	1/2	918.41	1/2	1,264.26	1/2	1,625.84	1/2	1,987.42	1/2	2,349.00	1/2	2,710.54	1/2	3,071.98	1/2	3,433.43
3/4	203.47	3/4	565.04	3/4	925.61	3/4	1,271.79	3/4	1,633.37	3/4	1,994.95	3/4	2,356.53	3/4	2,718.07	3/4	3,079.51	3/4	3,440.96
7	211.01	7	572.57	7	932.81	7	1,279.33	7	1,640.91	7	2,002.48	7	2,364.06	7	2,725.60	7	3,087.04	7	3,448.49
1/4	218.54	1/4	580.10	1/4	940.00	1/4	1,286.86	1/4	1,648.44	1/4	2,010.02	1/4	2,371.60	1/4	2,733.13	1/4	3,094.57	1/4	3,456.02
1/2	226.07	1/2	587.64	1/2	947.19	1/2	1,294.39	1/2	1,655.97	1/2	2,017.55	1/2	2,379.13	1/2	2,740.66	1/2	3,102.10	1/2	3,463.55
3/4	233.60	3/4	595.17	3/4	954.38	3/4	1,301.92	3/4	1,663.50	3/4	2,025.08	3/4	2,386.66	3/4	2,748.19	3/4	3,109.63	3/4	3,471.08
8	241.14	8	602.70	8	961.57	8	1,309.46	8	1,671.04	8	2,032.62	8	2,394.20	8	2,755.72	8	3,117.16	8	3,478.61
1/4	248.67	1/4	610.23	1/4	968.76	1/4	1,316.99	1/4	1,678.57	1/4	2,040.15	1/4	2,401.73	1/4	2,763.25	1/4	3,124.69	1/4	3,486.14
1/2	256.20	1/2	617.77	1/2	975.94	1/2	1,324.52	1/2	1,686.10	1/2	2,047.68	1/2	2,409.26	1/2	2,770.78	1/2	3,132.22	1/2	3,493.67
3/4	263.73	3/4	625.30	3/4	983.13	3/4	1,332.06	3/4	1,693.64	3/4	2,055.21	3/4	2,416.79	3/4	2,778.31	3/4	3,139.75	3/4	3,501.20
9	271.27	9	632.83	9	990.32	9	1,339.59	9	1,701.17	9	2,062.75	9	2,424.33	9	2,785.84	9	3,147.28	9	3,508.73
1/4	278.80	1/4	640.36	1/4	997.51	1/4	1,347.12	1/4	1,708.70	1/4	2,070.28	1/4	2,431.86	1/4	2,793.37	1/4	3,154.81	1/4	3,516.26
1/2	286.33	1/2	647.90	1/2	1,004.70	1/2	1,354.65	1/2	1,716.23	1/2	2,077.81	1/2	2,439.39	1/2	2,800.90	1/2	3,162.34	1/2	3,523.79
3/4	293.86	3/4	655.43	3/4	1,011.89	3/4	1,362.19	3/4	1,723.77	3/4	2,085.35	3/4	2,446.93	3/4	2,808.43	3/4	3,169.87	3/4	3,531.32
10	301.40	10	662.96	10	1,019.08	10	1,369.72	10	1,731.30	10	2,092.88	10	2,454.46	10	2,815.96	10	3,177.40	10	3,538.85
1/4	308.93	1/4	670.49	1/4	1,026.27	1/4	1,377.25	1/4	1,738.83	1/4	2,100.41	1/4	2,461.99	1/4	2,823.49	1/4	3,184.93	1/4	3,546.38
1/2	316.46	1/2	678.03	1/2	1,033.46	1/2	1,384.79	1/2	1,746.37	1/2	2,107.94	1/2	2,469.52	1/2	2,831.02	1/2	3,192.46	1/2	3,553.91
3/4	324.00	3/4	685.56	3/4	1,040.65	3/4	1,392.32	3/4	1,753.90	3/4	2,115.48	3/4	2,477.06	3/4	2,838.55	3/4	3,199.99	3/4	3,561.44
11	331.53	11	693.09	11	1,047.84	11	1,399.85	11	1,761.43	11	2,123.01	11	2,484.59	11	2,846.08	11	3,207.52	11	3,568.97
1/4	339.06	1/4	700.63	1/4	1,055.03	1/4	1,407.39	1/4	1,768.96	1/4	2,130.54	1/4	2,492.12	1/4	2,853.61	1/4	3,215.05	1/4	3,576.50
1/2	346.59	1/2	708.16	1/2	1,062.22	1/2	1,414.92	1/2	1,776.50	1/2	2,138.08	1/2	2,499.66	1/2	2,861.14	1/2	3,222.58	1/2	3,584.03
3/4	354.13	3/4	715.69	3/4	1,069.41	3/4	1,422.45	3/4	1,784.03	3/4	2,145.61	3/4	2,507.19	3/4	2,868.67	3/4	3,230.11	3/4	3,591.56

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"

2 STBD 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	3,599.09	0	3,960.53	0	4,321.98	0	4,678.60	0	5,017.08	0		0		0		0		0	
1/4	3,606.62	1/4	3,968.06	1/4	4,329.51	1/4	4,685.84	1/4	5,023.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,614.15	1/2	3,975.59	1/2	4,337.04	1/2	4,693.09	1/2	5,030.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,621.68	3/4	3,983.12	3/4	4,344.57	3/4	4,700.34	3/4	5,037.46	3/4		3/4		3/4		3/4		3/4	
1	3,629.21	1	3,990.65	1	4,352.10	1	4,707.59	1	5,044.25	1		1		1		1		1	
1/4	3,636.74	1/4	3,998.18	1/4	4,359.63	1/4	4,714.77	1/4	5,051.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,644.27	1/2	4,005.71	1/2	4,367.16	1/2	4,721.96	1/2	5,057.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,651.80	3/4	4,013.24	3/4	4,374.69	3/4	4,729.15	3/4	5,064.54	3/4		3/4		3/4		3/4		3/4	
2	3,659.33	2	4,020.77	2	4,382.22	2	4,736.34	2	5,071.30	2		2		2		2		2	
1/4	3,666.86	1/4	4,028.31	1/4	4,389.75	1/4	4,743.50	1/4	5,078.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,674.39	1/2	4,035.84	1/2	4,397.28	1/2	4,750.66	1/2	5,084.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,681.92	3/4	4,043.37	3/4	4,404.81	3/4	4,757.82	3/4	5,091.49	3/4		3/4		3/4		3/4		3/4	
3	3,689.45	3	4,050.90	3	4,412.34	3	4,764.98	3	5,098.22	3		3		3		3		3	
1/4	3,696.98	1/4	4,058.43	1/4	4,419.85	1/4	4,772.11	1/4	5,104.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,704.51	1/2	4,065.96	1/2	4,427.37	1/2	4,779.23	1/2	5,111.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,712.04	3/4	4,073.49	3/4	4,434.88	3/4	4,786.36	3/4	5,118.30	3/4		3/4		3/4		3/4		3/4	
4	3,719.57	4	4,081.02	4	4,442.39	4	4,793.49	4	5,124.99	4		4		4		4		4	
1/4	3,727.10	1/4	4,088.55	1/4	4,449.88	1/4	4,800.59	1/4	5,131.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,734.63	1/2	4,096.08	1/2	4,457.37	1/2	4,807.69	1/2	5,138.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,742.16	3/4	4,103.61	3/4	4,464.85	3/4	4,814.79	3/4	5,144.91	3/4		3/4		3/4		3/4		3/4	
5	3,749.69	5	4,111.14	5	4,472.34	5	4,821.89	5	5,151.54	5		5		5		5		5	
1/4	3,757.22	1/4	4,118.67	1/4	4,479.79	1/4	4,828.96	1/4	5,157.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,764.75	1/2	4,126.20	1/2	4,487.25	1/2	4,836.03	1/2	5,163.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,772.28	3/4	4,133.73	3/4	4,494.70	3/4	4,843.10	3/4	5,169.58	3/4		3/4		3/4		3/4		3/4	
6	3,779.81	6	4,141.26	6	4,502.16	6	4,850.17	6	5,175.60	6		6		6		6		6	
1/4	3,787.34	1/4	4,148.79	1/4	4,509.58	1/4	4,857.21	1/4	5,181.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,794.87	1/2	4,156.32	1/2	4,517.01	1/2	4,864.25	1/2	5,186.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,802.40	3/4	4,163.85	3/4	4,524.44	3/4	4,871.29	3/4	5,192.24	3/4		3/4		3/4		3/4		3/4	
7	3,809.93	7	4,171.38	7	4,531.86	7	4,878.33	7	5,197.79	7		7		7		7		7	
1/4	3,817.46	1/4	4,178.91	1/4	4,539.26	1/4	4,885.34	1/4	5,202.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,824.99	1/2	4,186.44	1/2	4,546.65	1/2	4,892.35	1/2	5,206.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,832.52	3/4	4,193.97	3/4	4,554.05	3/4	4,899.36	3/4	5,210.75	3/4		3/4		3/4		3/4		3/4	
8	3,840.05	8	4,201.50	8	4,561.45	8	4,906.37	8	5,215.07	8		8		8		8		8	
1/4	3,847.58	1/4	4,209.03	1/4	4,568.81	1/4	4,913.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,855.11	1/2	4,216.56	1/2	4,576.18	1/2	4,920.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,862.64	3/4	4,224.09	3/4	4,583.55	3/4	4,927.31	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,870.17	9	4,231.62	9	4,590.91	9	4,934.29	9		9		9		9		9		9	
1/4	3,877.70	1/4	4,239.15	1/4	4,598.25	1/4	4,941.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,885.23	1/2	4,246.68	1/2	4,605.59	1/2	4,948.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,892.76	3/4	4,254.21	3/4	4,612.92	3/4	4,955.15	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,900.29	10	4,261.74	10	4,620.26	10	4,962.10	10		10		10		10		10		10	
1/4	3,907.82	1/4	4,269.27	1/4	4,627.57	1/4	4,969.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,915.35	1/2	4,276.80	1/2	4,634.87	1/2	4,975.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,922.88	3/4	4,284.33	3/4	4,642.18	3/4	4,982.87	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,930.41	11	4,291.86	11	4,649.49	11	4,989.79	11		11		11		11		11		11	
1/4	3,937.94	1/4	4,299.39	1/4	4,656.76	1/4	4,996.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,945.47	1/2	4,306.92	1/2	4,664.04	1/2	5,003.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,953.00	3/4	4,314.45	3/4	4,671.32	3/4	5,010.26	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 303"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	22.81	0	360.19	0	720.28	0	1,080.17	0	1,440.12	0	1,800.22	0	2,160.30	0	2,520.33	0	2,880.15	0	3,239.08
1/4	27.18	1/4	367.69	1/4	727.78	1/4	1,087.67	1/4	1,447.62	1/4	1,807.72	1/4	2,167.80	1/4	2,527.83	1/4	2,887.64	1/4	3,246.54
1/2	31.56	1/2	375.19	1/2	735.29	1/2	1,095.16	1/2	1,455.12	1/2	1,815.23	1/2	2,175.30	1/2	2,535.33	1/2	2,895.13	1/2	3,253.99
3/4	35.93	3/4	382.70	3/4	742.79	3/4	1,102.65	3/4	1,462.62	3/4	1,822.73	3/4	2,182.80	3/4	2,542.83	3/4	2,902.61	3/4	3,261.44
1	40.31	1	390.20	1	750.29	1	1,110.14	1	1,470.12	1	1,830.23	1	2,190.30	1	2,550.33	1	2,910.10	1	3,268.89
1/4	45.93	1/4	397.70	1/4	757.79	1/4	1,117.64	1/4	1,477.63	1/4	1,837.73	1/4	2,197.80	1/4	2,557.83	1/4	2,917.59	1/4	3,276.34
1/2	51.56	1/2	405.20	1/2	765.29	1/2	1,125.13	1/2	1,485.13	1/2	1,845.23	1/2	2,205.30	1/2	2,565.33	1/2	2,925.07	1/2	3,283.80
3/4	57.18	3/4	412.70	3/4	772.79	3/4	1,132.62	3/4	1,492.63	3/4	1,852.74	3/4	2,212.81	3/4	2,572.83	3/4	2,932.56	3/4	3,291.25
2	62.81	2	420.21	2	780.30	2	1,140.11	2	1,500.13	2	1,860.24	2	2,220.31	2	2,580.33	2	2,940.04	2	3,298.70
1/4	69.69	1/4	427.71	1/4	787.80	1/4	1,147.61	1/4	1,507.64	1/4	1,867.74	1/4	2,227.81	1/4	2,587.84	1/4	2,947.53	1/4	3,306.15
1/2	76.56	1/2	435.21	1/2	795.30	1/2	1,155.10	1/2	1,515.14	1/2	1,875.24	1/2	2,235.31	1/2	2,595.34	1/2	2,955.02	1/2	3,313.60
3/4	83.44	3/4	442.71	3/4	802.80	3/4	1,162.59	3/4	1,522.64	3/4	1,882.75	3/4	2,242.81	3/4	2,602.84	3/4	2,962.50	3/4	3,321.06
3	90.31	3	450.21	3	810.30	3	1,170.09	3	1,530.14	3	1,890.25	3	2,250.31	3	2,610.34	3	2,969.99	3	3,328.51
1/4	97.78	1/4	457.71	1/4	817.81	1/4	1,177.58	1/4	1,537.64	1/4	1,897.75	1/4	2,257.81	1/4	2,617.84	1/4	2,977.48	1/4	3,335.98
1/2	105.24	1/2	465.22	1/2	825.31	1/2	1,185.07	1/2	1,545.15	1/2	1,905.25	1/2	2,265.31	1/2	2,625.33	1/2	2,984.96	1/2	3,343.44
3/4	112.71	3/4	472.72	3/4	832.81	3/4	1,192.56	3/4	1,552.65	3/4	1,912.75	3/4	2,272.81	3/4	2,632.83	3/4	2,992.45	3/4	3,350.91
4	120.18	4	480.22	4	840.31	4	1,200.06	4	1,560.15	4	1,920.26	4	2,280.31	4	2,640.33	4	2,999.93	4	3,358.38
1/4	127.67	1/4	487.72	1/4	847.81	1/4	1,207.56	1/4	1,567.65	1/4	1,927.76	1/4	2,287.81	1/4	2,647.83	1/4	3,007.42	1/4	3,365.85
1/2	135.16	1/2	495.22	1/2	855.32	1/2	1,215.06	1/2	1,575.15	1/2	1,935.26	1/2	2,295.31	1/2	2,655.33	1/2	3,014.91	1/2	3,373.32
3/4	142.65	3/4	502.73	3/4	862.82	3/4	1,222.55	3/4	1,582.66	3/4	1,942.76	3/4	2,302.81	3/4	2,662.83	3/4	3,022.39	3/4	3,380.78
5	150.14	5	510.23	5	870.32	5	1,230.05	5	1,590.16	5	1,950.26	5	2,310.31	5	2,670.33	5	3,029.88	5	3,388.25
1/4	157.64	1/4	517.73	1/4	877.82	1/4	1,237.56	1/4	1,597.66	1/4	1,957.77	1/4	2,317.81	1/4	2,677.83	1/4	3,037.37	1/4	3,395.72
1/2	165.14	1/2	525.23	1/2	885.32	1/2	1,245.06	1/2	1,605.16	1/2	1,965.27	1/2	2,325.31	1/2	2,685.33	1/2	3,044.85	1/2	3,403.19
3/4	172.64	3/4	532.73	3/4	892.83	3/4	1,252.56	3/4	1,612.67	3/4	1,972.77	3/4	2,332.81	3/4	2,692.83	3/4	3,052.34	3/4	3,410.65
6	180.14	6	540.24	6	900.33	6	1,260.06	6	1,620.17	6	1,980.27	6	2,340.32	6	2,700.32	6	3,059.83	6	3,418.12
1/4	187.65	1/4	547.74	1/4	907.82	1/4	1,267.56	1/4	1,627.67	1/4	1,987.78	1/4	2,347.82	1/4	2,707.82	1/4	3,067.31	1/4	3,425.59
1/2	195.15	1/2	555.24	1/2	915.32	1/2	1,275.07	1/2	1,635.17	1/2	1,995.28	1/2	2,355.32	1/2	2,715.32	1/2	3,074.80	1/2	3,433.06
3/4	202.65	3/4	562.74	3/4	922.82	3/4	1,282.57	3/4	1,642.67	3/4	2,002.78	3/4	2,362.82	3/4	2,722.82	3/4	3,082.28	3/4	3,440.52
7	210.15	7	570.24	7	930.32	7	1,290.07	7	1,650.18	7	2,010.28	7	2,370.32	7	2,730.32	7	3,089.77	7	3,447.99
1/4	217.65	1/4	577.75	1/4	937.81	1/4	1,297.57	1/4	1,657.68	1/4	2,017.78	1/4	2,377.82	1/4	2,737.82	1/4	3,097.26	1/4	3,455.46
1/2	225.16	1/2	585.25	1/2	945.30	1/2	1,305.08	1/2	1,665.18	1/2	2,025.29	1/2	2,385.32	1/2	2,745.32	1/2	3,104.74	1/2	3,462.93
3/4	232.66	3/4	592.75	3/4	952.79	3/4	1,312.58	3/4	1,672.68	3/4	2,032.79	3/4	2,392.82	3/4	2,752.82	3/4	3,112.23	3/4	3,470.40
8	240.16	8	600.25	8	960.29	8	1,320.08	8	1,680.19	8	2,040.29	8	2,400.32	8	2,760.32	8	3,119.72	8	3,477.86
1/4	247.66	1/4	607.75	1/4	967.78	1/4	1,327.58	1/4	1,687.69	1/4	2,047.79	1/4	2,407.82	1/4	2,767.82	1/4	3,127.20	1/4	3,485.33
1/2	255.16	1/2	615.25	1/2	975.27	1/2	1,335.08	1/2	1,695.19	1/2	2,055.29	1/2	2,415.32	1/2	2,775.32	1/2	3,134.69	1/2	3,492.80
3/4	262.67	3/4	622.76	3/4	982.77	3/4	1,342.59	3/4	1,702.69	3/4	2,062.79	3/4	2,422.82	3/4	2,782.82	3/4	3,142.17	3/4	3,500.27
9	270.17	9	630.26	9	990.26	9	1,350.09	9	1,710.19	9	2,070.29	9	2,430.32	9	2,790.32	9	3,149.66	9	3,507.73
1/4	277.67	1/4	637.76	1/4	997.75	1/4	1,357.59	1/4	1,717.70	1/4	2,077.79	1/4	2,437.82	1/4	2,797.80	1/4	3,157.11	1/4	3,511.77
1/2	285.17	1/2	645.26	1/2	1,005.24	1/2	1,365.09	1/2	1,725.20	1/2	2,085.29	1/2	2,445.32	1/2	2,805.29	1/2	3,164.56	1/2	3,515.80
3/4	292.67	3/4	652.76	3/4	1,012.74	3/4	1,372.60	3/4	1,732.70	3/4	2,092.80	3/4	2,452.82	3/4	2,812.78	3/4	3,172.02	3/4	3,519.84
10	300.18	10	660.27	10	1,020.23	10	1,380.10	10	1,740.20	10	2,100.30	10	2,460.32	10	2,820.26	10	3,179.47	10	3,523.87
1/4	307.68	1/4	667.77	1/4	1,027.72	1/4	1,387.60	1/4	1,747.71	1/4	2,107.80	1/4	2,467.83	1/4	2,827.75	1/4	3,186.92	1/4	3,527.91
1/2	315.18	1/2	675.27	1/2	1,035.22	1/2	1,395.10	1/2	1,755.21	1/2	2,115.30	1/2	2,475.33	1/2	2,835.24	1/2	3,194.37	1/2	3,531.94
3/4	322.68	3/4	682.77	3/4	1,042.71	3/4	1,402.60	3/4	1,762.71	3/4	2,122.80	3/4	2,482.83	3/4	2,842.72	3/4	3,201.82	3/4	3,535.97
11	330.18	11	690.27	11	1,050.20	11	1,410.11	11	1,770.21	11	2,130.30	11	2,490.33	11	2,850.21	11	3,209.28	11	3,540.01
1/4	337.68	1/4	697.78	1/4	1,057.69	1/4	1,417.61	1/4	1,777.71	1/4	2,137.80	1/4	2,497.83	1/4	2,857.70	1/4	3,216.73	1/4	3,544.04
1/2	345.19	1/2	705.28	1/2	1,065.19	1/2	1,425.11	1/2	1,785.22	1/2	2,145.30	1/2	2,505.33	1/2	2,865.18	1/2	3,224.18	1/2	3,548.08
3/4	352.69	3/4	712.78	3/4	1,072.68	3/4	1,432.61	3/4	1,792.72	3/4	2,152.80	3/4	2,512.83	3/4	2,872.67	3/4	3,231.63	3/4	3,552.11

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 55'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





BARGE "DBL 303"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	3,556.15	0	3,749.80	0	3,943.45	0	4,134.52	0	4,315.92	0		0		0		0		0	
1/4	3,560.18	1/4	3,753.83	1/4	3,947.48	1/4	4,138.40	1/4	4,319.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,564.22	1/2	3,757.87	1/2	3,951.52	1/2	4,142.28	1/2	4,323.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,568.25	3/4	3,761.90	3/4	3,955.55	3/4	4,146.17	3/4	4,326.84	3/4		3/4		3/4		3/4		3/4	
1	3,572.28	1	3,765.94	1	3,959.59	1	4,150.05	1	4,330.48	1		1		1		1		1	
1/4	3,576.32	1/4	3,769.97	1/4	3,963.62	1/4	4,153.90	1/4	4,334.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,580.35	1/2	3,774.00	1/2	3,967.66	1/2	4,157.75	1/2	4,337.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,584.39	3/4	3,778.04	3/4	3,971.69	3/4	4,161.61	3/4	4,341.35	3/4		3/4		3/4		3/4		3/4	
2	3,588.42	2	3,782.07	2	3,975.72	2	4,165.46	2	4,344.97	2		2		2		2		2	
1/4	3,592.46	1/4	3,786.11	1/4	3,979.76	1/4	4,169.30	1/4	4,348.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,596.49	1/2	3,790.14	1/2	3,983.79	1/2	4,173.13	1/2	4,352.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,600.52	3/4	3,794.18	3/4	3,987.83	3/4	4,176.97	3/4	4,355.79	3/4		3/4		3/4		3/4		3/4	
3	3,604.56	3	3,798.21	3	3,991.86	3	4,180.81	3	4,359.40	3		3		3		3		3	
1/4	3,608.59	1/4	3,802.24	1/4	3,995.89	1/4	4,184.63	1/4	4,362.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,612.63	1/2	3,806.28	1/2	3,999.91	1/2	4,188.45	1/2	4,366.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.66	3/4	3,810.31	3/4	4,003.94	3/4	4,192.27	3/4	4,370.15	3/4		3/4		3/4		3/4		3/4	
4	3,620.70	4	3,814.35	4	4,007.96	4	4,196.09	4	4,373.73	4		4		4		4		4	
1/4	3,624.73	1/4	3,818.38	1/4	4,011.97	1/4	4,199.90	1/4	4,377.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.77	1/2	3,822.42	1/2	4,015.98	1/2	4,203.70	1/2	4,380.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.80	3/4	3,826.45	3/4	4,019.99	3/4	4,207.51	3/4	4,384.35	3/4		3/4		3/4		3/4		3/4	
5	3,636.83	5	3,830.49	5	4,024.00	5	4,211.31	5	4,387.89	5		5		5		5		5	
1/4	3,640.87	1/4	3,834.52	1/4	4,028.00	1/4	4,215.10	1/4	4,390.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,644.90	1/2	3,838.55	1/2	4,031.99	1/2	4,218.89	1/2	4,393.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.94	3/4	3,842.59	3/4	4,035.99	3/4	4,222.68	3/4	4,396.69	3/4		3/4		3/4		3/4		3/4	
6	3,652.97	6	3,846.62	6	4,039.98	6	4,226.47	6	4,399.62	6		6		6		6		6	
1/4	3,657.01	1/4	3,850.66	1/4	4,043.96	1/4	4,230.24	1/4	4,401.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,661.04	1/2	3,854.69	1/2	4,047.94	1/2	4,234.02	1/2	4,403.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.08	3/4	3,858.73	3/4	4,051.92	3/4	4,237.79	3/4	4,405.94	3/4		3/4		3/4		3/4		3/4	
7	3,669.11	7	3,862.76	7	4,055.90	7	4,241.56	7	4,408.05	7		7		7		7		7	
1/4	3,673.14	1/4	3,866.80	1/4	4,059.86	1/4	4,245.32	1/4	4,408.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,677.18	1/2	3,870.83	1/2	4,063.82	1/2	4,249.08	1/2	4,409.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,681.21	3/4	3,874.86	3/4	4,067.78	3/4	4,252.84	3/4	4,410.66	3/4		3/4		3/4		3/4		3/4	
8	3,685.25	8	3,878.90	8	4,071.75	8	4,256.59	8	4,411.53	8		8		8		8		8	
1/4	3,689.28	1/4	3,882.93	1/4	4,075.69	1/4	4,260.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,693.32	1/2	3,886.97	1/2	4,079.64	1/2	4,264.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,697.35	3/4	3,891.00	3/4	4,083.59	3/4	4,267.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,701.38	9	3,895.04	9	4,087.53	9	4,271.56	9		9		9		9		9		9	
1/4	3,705.42	1/4	3,899.07	1/4	4,091.47	1/4	4,275.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,709.45	1/2	3,903.10	1/2	4,095.40	1/2	4,279.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,713.49	3/4	3,907.14	3/4	4,099.33	3/4	4,282.74	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,717.52	10	3,911.17	10	4,103.26	10	4,286.46	10		10		10		10		10		10	
1/4	3,721.56	1/4	3,915.21	1/4	4,107.17	1/4	4,290.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,725.59	1/2	3,919.24	1/2	4,111.09	1/2	4,293.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,729.63	3/4	3,923.28	3/4	4,115.00	3/4	4,297.59	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,733.66	11	3,927.31	11	4,118.92	11	4,301.30	11		11		11		11		11		11	
1/4	3,737.69	1/4	3,931.35	1/4	4,122.82	1/4	4,304.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,741.73	1/2	3,935.38	1/2	4,126.72	1/2	4,308.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,745.76	3/4	3,939.41	3/4	4,130.62	3/4	4,312.27	3/4		3/4		3/4		3/4		3/4		3/4	

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PRINTED: 08/10/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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BARGE "DBL 303"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	22.81	0	359.67	0	719.20	0	1,067.01	0	1,420.09	0	1,779.03	0	2,138.44	0	2,497.79	0	2,856.94	0	3,215.02
1/4	27.18	1/4	367.16	1/4	726.69	1/4	1,074.16	1/4	1,427.52	1/4	1,786.52	1/4	2,145.92	1/4	2,505.27	1/4	2,864.41	1/4	3,222.46
1/2	31.56	1/2	374.65	1/2	734.18	1/2	1,081.31	1/2	1,434.94	1/2	1,794.01	1/2	2,153.41	1/2	2,512.76	1/2	2,871.88	1/2	3,229.89
3/4	35.93	3/4	382.14	3/4	741.67	3/4	1,088.47	3/4	1,442.37	3/4	1,801.49	3/4	2,160.89	3/4	2,520.25	3/4	2,879.36	3/4	3,237.33
1	40.31	1	389.63	1	749.16	1	1,095.62	1	1,449.79	1	1,808.98	1	2,168.38	1	2,527.73	1	2,886.83	1	3,244.77
1/4	45.92	1/4	397.12	1/4	756.65	1/4	1,102.77	1/4	1,457.22	1/4	1,816.47	1/4	2,175.87	1/4	2,535.22	1/4	2,894.29	1/4	3,252.21
1/2	51.54	1/2	404.61	1/2	764.14	1/2	1,109.92	1/2	1,464.65	1/2	1,823.96	1/2	2,183.35	1/2	2,542.71	1/2	2,901.76	1/2	3,259.65
3/4	57.15	3/4	412.10	3/4	771.63	3/4	1,117.08	3/4	1,472.07	3/4	1,831.45	3/4	2,190.84	3/4	2,550.19	3/4	2,909.22	3/4	3,267.08
2	62.77	2	419.59	2	779.12	2	1,124.23	2	1,479.50	2	1,838.93	2	2,198.33	2	2,557.68	2	2,916.69	2	3,274.52
1/4	69.62	1/4	427.08	1/4	786.61	1/4	1,131.38	1/4	1,486.99	1/4	1,846.42	1/4	2,205.81	1/4	2,565.17	1/4	2,924.15	1/4	3,281.96
1/2	76.47	1/2	434.57	1/2	794.10	1/2	1,138.53	1/2	1,494.48	1/2	1,853.91	1/2	2,213.30	1/2	2,572.65	1/2	2,931.62	1/2	3,289.40
3/4	83.33	3/4	442.06	3/4	801.59	3/4	1,145.69	3/4	1,501.97	3/4	1,861.40	3/4	2,220.79	3/4	2,580.14	3/4	2,939.08	3/4	3,296.84
3	90.18	3	449.55	3	809.08	3	1,152.84	3	1,509.45	3	1,868.89	3	2,228.27	3	2,587.63	3	2,946.55	3	3,304.27
1/4	97.63	1/4	457.04	1/4	816.29	1/4	1,160.28	1/4	1,516.94	1/4	1,876.38	1/4	2,235.76	1/4	2,595.11	1/4	2,954.01	1/4	3,311.73
1/2	105.09	1/2	464.53	1/2	823.50	1/2	1,167.71	1/2	1,524.43	1/2	1,883.86	1/2	2,243.25	1/2	2,602.60	1/2	2,961.48	1/2	3,319.18
3/4	112.54	3/4	472.02	3/4	830.70	3/4	1,175.15	3/4	1,531.92	3/4	1,891.35	3/4	2,250.73	3/4	2,610.08	3/4	2,968.94	3/4	3,326.64
4	120.00	4	479.51	4	837.91	4	1,182.58	4	1,539.41	4	1,898.84	4	2,258.22	4	2,617.57	4	2,976.40	4	3,334.09
1/4	127.49	1/4	487.00	1/4	845.09	1/4	1,189.99	1/4	1,546.89	1/4	1,906.33	1/4	2,265.71	1/4	2,625.05	1/4	2,983.87	1/4	3,341.54
1/2	134.97	1/2	494.49	1/2	852.27	1/2	1,197.40	1/2	1,554.38	1/2	1,913.82	1/2	2,273.19	1/2	2,632.54	1/2	2,991.33	1/2	3,349.00
3/4	142.46	3/4	501.98	3/4	859.44	3/4	1,204.81	3/4	1,561.87	3/4	1,921.30	3/4	2,280.68	3/4	2,640.02	3/4	2,998.80	3/4	3,356.45
5	149.94	5	509.47	5	866.62	5	1,212.21	5	1,569.36	5	1,928.79	5	2,288.17	5	2,647.51	5	3,006.26	5	3,363.90
1/4	157.43	1/4	516.96	1/4	873.80	1/4	1,219.62	1/4	1,576.85	1/4	1,936.28	1/4	2,295.65	1/4	2,654.99	1/4	3,013.73	1/4	3,371.36
1/2	164.92	1/2	524.45	1/2	880.98	1/2	1,227.03	1/2	1,584.34	1/2	1,943.77	1/2	2,303.14	1/2	2,662.48	1/2	3,021.19	1/2	3,378.81
3/4	172.41	3/4	531.94	3/4	888.16	3/4	1,234.44	3/4	1,591.82	3/4	1,951.26	3/4	2,310.62	3/4	2,669.96	3/4	3,028.66	3/4	3,386.26
6	179.90	6	539.43	6	895.34	6	1,241.85	6	1,599.31	6	1,958.75	6	2,318.11	6	2,677.45	6	3,036.12	6	3,393.72
1/4	187.39	1/4	546.92	1/4	902.49	1/4	1,249.28	1/4	1,606.80	1/4	1,966.23	1/4	2,325.60	1/4	2,684.93	1/4	3,043.59	1/4	3,401.17
1/2	194.88	1/2	554.41	1/2	909.65	1/2	1,256.71	1/2	1,614.29	1/2	1,973.72	1/2	2,333.08	1/2	2,692.42	1/2	3,051.05	1/2	3,408.63
3/4	202.37	3/4	561.90	3/4	916.80	3/4	1,264.13	3/4	1,621.78	3/4	1,981.21	3/4	2,340.57	3/4	2,699.90	3/4	3,058.52	3/4	3,416.08
7	209.86	7	569.40	7	923.96	7	1,271.56	7	1,629.26	7	1,988.70	7	2,348.06	7	2,707.39	7	3,065.98	7	3,423.53
1/4	217.35	1/4	576.89	1/4	931.11	1/4	1,278.99	1/4	1,636.75	1/4	1,996.19	1/4	2,355.54	1/4	2,714.87	1/4	3,073.45	1/4	3,430.99
1/2	224.84	1/2	584.38	1/2	938.26	1/2	1,286.41	1/2	1,644.24	1/2	2,003.67	1/2	2,363.03	1/2	2,722.36	1/2	3,080.93	1/2	3,438.44
3/4	232.33	3/4	591.87	3/4	945.41	3/4	1,293.84	3/4	1,651.73	3/4	2,011.16	3/4	2,370.52	3/4	2,729.84	3/4	3,088.40	3/4	3,445.89
8	239.82	8	599.36	8	952.57	8	1,301.26	8	1,659.22	8	2,018.65	8	2,378.00	8	2,737.33	8	3,095.87	8	3,453.35
1/4	247.31	1/4	606.85	1/4	959.72	1/4	1,308.69	1/4	1,666.71	1/4	2,026.14	1/4	2,385.49	1/4	2,744.81	1/4	3,103.34	1/4	3,460.80
1/2	254.80	1/2	614.34	1/2	966.87	1/2	1,316.12	1/2	1,674.19	1/2	2,033.62	1/2	2,392.98	1/2	2,752.30	1/2	3,110.82	1/2	3,468.25
3/4	262.29	3/4	621.83	3/4	974.02	3/4	1,323.54	3/4	1,681.68	3/4	2,041.11	3/4	2,400.46	3/4	2,759.78	3/4	3,118.29	3/4	3,475.71
9	269.78	9	629.32	9	981.18	9	1,330.97	9	1,689.17	9	2,048.60	9	2,407.95	9	2,767.27	9	3,125.76	9	3,483.16
1/4	277.27	1/4	636.81	1/4	988.33	1/4	1,338.40	1/4	1,696.66	1/4	2,056.08	1/4	2,415.44	1/4	2,774.74	1/4	3,133.20	1/4	3,487.18
1/2	284.76	1/2	644.30	1/2	995.48	1/2	1,345.82	1/2	1,704.15	1/2	2,063.57	1/2	2,422.92	1/2	2,782.22	1/2	3,140.64	1/2	3,491.20
3/4	292.25	3/4	651.79	3/4	1,002.64	3/4	1,353.25	3/4	1,711.63	3/4	2,071.06	3/4	2,430.41	3/4	2,789.69	3/4	3,148.07	3/4	3,495.22
10	299.74	10	659.28	10	1,009.79	10	1,360.68	10	1,719.12	10	2,078.54	10	2,437.90	10	2,797.16	10	3,155.51	10	3,499.24
1/4	307.23	1/4	666.77	1/4	1,016.94	1/4	1,368.10	1/4	1,726.61	1/4	2,086.03	1/4	2,445.38	1/4	2,804.63	1/4	3,162.95	1/4	3,503.26
1/2	314.72	1/2	674.26	1/2	1,024.09	1/2	1,375.53	1/2	1,734.10	1/2	2,093.52	1/2	2,452.87	1/2	2,812.11	1/2	3,170.39	1/2	3,507.28
3/4	322.22	3/4	681.75	3/4	1,031.25	3/4	1,382.96	3/4	1,741.59	3/4	2,101.00	3/4	2,460.35	3/4	2,819.58	3/4	3,177.83	3/4	3,511.30
11	329.71	11	689.24	11	1,038.40	11	1,390.38	11	1,749.08	11	2,108.49	11	2,467.84	11	2,827.05	11	3,185.27	11	3,515.32
1/4	337.20	1/4	696.73	1/4	1,045.55	1/4	1,397.81	1/4	1,756.56	1/4	2,115.98	1/4	2,475.33	1/4	2,834.52	1/4	3,192.70	1/4	3,519.34
1/2	344.69	1/2	704.22	1/2	1,052.70	1/2	1,405.24	1/2	1,764.05	1/2	2,123.46	1/2	2,482.81	1/2	2,841.99	1/2	3,200.14	1/2	3,523.36
3/4	352.18	3/4	711.71	3/4	1,059.86	3/4	1,412.66	3/4	1,771.54	3/4	2,130.95	3/4	2,490.30	3/4	2,849.47	3/4	3,207.58	3/4	3,527.38

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 55'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





BARGE "DBL 303"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-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	3,531.40	0	3,724.38	0	3,917.35	0	4,107.76	0	4,288.49	0		0		0		0		0	
1/4	3,535.42	1/4	3,728.40	1/4	3,921.37	1/4	4,111.63	1/4	4,292.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,539.45	1/2	3,732.42	1/2	3,925.39	1/2	4,115.49	1/2	4,295.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,543.47	3/4	3,736.44	3/4	3,929.41	3/4	4,119.36	3/4	4,299.37	3/4		3/4		3/4		3/4		3/4	
1	3,547.49	1	3,740.46	1	3,933.43	1	4,123.23	1	4,302.99	1		1		1		1		1	
1/4	3,551.51	1/4	3,744.48	1/4	3,937.45	1/4	4,127.07	1/4	4,306.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,555.53	1/2	3,748.50	1/2	3,941.48	1/2	4,130.91	1/2	4,310.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,559.55	3/4	3,752.52	3/4	3,945.50	3/4	4,134.75	3/4	4,313.82	3/4		3/4		3/4		3/4		3/4	
2	3,563.57	2	3,756.54	2	3,949.52	2	4,138.59	2	4,317.43	2		2		2		2		2	
1/4	3,567.59	1/4	3,760.56	1/4	3,953.54	1/4	4,142.41	1/4	4,321.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,571.61	1/2	3,764.58	1/2	3,957.56	1/2	4,146.23	1/2	4,324.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,575.63	3/4	3,768.60	3/4	3,961.58	3/4	4,150.06	3/4	4,328.21	3/4		3/4		3/4		3/4		3/4	
3	3,579.65	3	3,772.62	3	3,965.60	3	4,153.88	3	4,331.80	3		3		3		3		3	
1/4	3,583.67	1/4	3,776.64	1/4	3,969.61	1/4	4,157.69	1/4	4,335.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,587.69	1/2	3,780.66	1/2	3,973.62	1/2	4,161.49	1/2	4,338.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,591.71	3/4	3,784.68	3/4	3,977.64	3/4	4,165.30	3/4	4,342.50	3/4		3/4		3/4		3/4		3/4	
4	3,595.73	4	3,788.70	4	3,981.65	4	4,169.11	4	4,346.07	4		4		4		4		4	
1/4	3,599.75	1/4	3,792.72	1/4	3,985.65	1/4	4,172.90	1/4	4,349.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.77	1/2	3,796.74	1/2	3,989.64	1/2	4,176.69	1/2	4,353.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,607.79	3/4	3,800.76	3/4	3,993.64	3/4	4,180.48	3/4	4,356.65	3/4		3/4		3/4		3/4		3/4	
5	3,611.81	5	3,804.79	5	3,997.64	5	4,184.27	5	4,360.18	5		5		5		5		5	
1/4	3,615.83	1/4	3,808.81	1/4	4,001.62	1/4	4,188.05	1/4	4,363.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,619.85	1/2	3,812.83	1/2	4,005.60	1/2	4,191.82	1/2	4,366.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,623.87	3/4	3,816.85	3/4	4,009.58	3/4	4,195.60	3/4	4,368.94	3/4		3/4		3/4		3/4		3/4	
6	3,627.89	6	3,820.87	6	4,013.56	6	4,199.37	6	4,371.86	6		6		6		6		6	
1/4	3,631.91	1/4	3,824.89	1/4	4,017.52	1/4	4,203.13	1/4	4,373.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.93	1/2	3,828.91	1/2	4,021.49	1/2	4,206.89	1/2	4,376.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.95	3/4	3,832.93	3/4	4,025.45	3/4	4,210.65	3/4	4,378.13	3/4		3/4		3/4		3/4		3/4	
7	3,643.97	7	3,836.95	7	4,029.42	7	4,214.41	7	4,380.22	7		7		7		7		7	
1/4	3,647.99	1/4	3,840.97	1/4	4,033.37	1/4	4,218.16	1/4	4,381.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,652.01	1/2	3,844.99	1/2	4,037.31	1/2	4,221.90	1/2	4,381.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,656.03	3/4	3,849.01	3/4	4,041.26	3/4	4,225.64	3/4	4,382.79	3/4		3/4		3/4		3/4		3/4	
8	3,660.05	8	3,853.03	8	4,045.21	8	4,229.39	8	4,383.65	8		8		8		8		8	
1/4	3,664.07	1/4	3,857.05	1/4	4,049.14	1/4	4,233.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,668.09	1/2	3,861.07	1/2	4,053.08	1/2	4,236.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,672.12	3/4	3,865.09	3/4	4,057.01	3/4	4,240.57	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,676.14	9	3,869.11	9	4,060.94	9	4,244.30	9		9		9		9		9		9	
1/4	3,680.16	1/4	3,873.13	1/4	4,064.86	1/4	4,248.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.18	1/2	3,877.15	1/2	4,068.78	1/2	4,251.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.20	3/4	3,881.17	3/4	4,072.69	3/4	4,255.43	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,692.22	10	3,885.19	10	4,076.61	10	4,259.14	10		10		10		10		10		10	
1/4	3,696.24	1/4	3,889.21	1/4	4,080.51	1/4	4,262.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.26	1/2	3,893.23	1/2	4,084.41	1/2	4,266.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,704.28	3/4	3,897.25	3/4	4,088.31	3/4	4,270.23	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,708.30	11	3,901.27	11	4,092.22	11	4,273.93	11		11		11		11		11		11	
1/4	3,712.32	1/4	3,905.29	1/4	4,096.10	1/4	4,277.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.34	1/2	3,909.31	1/2	4,099.99	1/2	4,281.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.36	3/4	3,913.33	3/4	4,103.87	3/4	4,284.85	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"

SLOP TANK INNAGE TABLE

Gauge Height 5'-05 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

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	565	0	1,130	0	1,695	0	2,260	0		0		0		0		0	
1/4	12	1/4	577	1/4	1,142	1/4	1,707	1/4	2,272	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	588	1/2	1,153	1/2	1,718	1/2	2,283	1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	600	3/4	1,165	3/4	1,730	3/4	2,295	3/4		3/4		3/4		3/4		3/4	
1	47	1	612	1	1,177	1	1,742	1	2,307	1		1		1		1		1	
1/4	59	1/4	624	1/4	1,189	1/4	1,754	1/4	2,319	1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	636	1/2	1,200	1/2	1,765	1/2	2,330	1/2		1/2		1/2		1/2		1/2	
3/4	82	3/4	647	3/4	1,212	3/4	1,777	3/4	2,342	3/4		3/4		3/4		3/4		3/4	
2	94	2	659	2	1,224	2	1,789	2	2,354	2		2		2		2		2	
1/4	106	1/4	671	1/4	1,236	1/4	1,801	1/4	2,366	1/4		1/4		1/4		1/4		1/4	
1/2	118	1/2	683	1/2	1,248	1/2	1,813	1/2	2,377	1/2		1/2		1/2		1/2		1/2	
3/4	129	3/4	694	3/4	1,259	3/4	1,824	3/4	2,389	3/4		3/4		3/4		3/4		3/4	
3	141	3	706	3	1,271	3	1,836	3	2,401	3		3		3		3		3	
1/4	153	1/4	718	1/4	1,283	1/4	1,848	1/4	2,413	1/4		1/4		1/4		1/4		1/4	
1/2	165	1/2	730	1/2	1,295	1/2	1,860	1/2	2,425	1/2		1/2		1/2		1/2		1/2	
3/4	177	3/4	741	3/4	1,306	3/4	1,871	3/4	2,436	3/4		3/4		3/4		3/4		3/4	
4	188	4	753	4	1,318	4	1,883	4	2,448	4		4		4		4		4	
1/4	200	1/4	765	1/4	1,330	1/4	1,895	1/4	2,460	1/4		1/4		1/4		1/4		1/4	
1/2	212	1/2	777	1/2	1,342	1/2	1,907	1/2	2,472	1/2		1/2		1/2		1/2		1/2	
3/4	224	3/4	789	3/4	1,353	3/4	1,918	3/4	2,483	3/4		3/4		3/4		3/4		3/4	
5	235	5	800	5	1,365	5	1,930	5	2,495	5		5		5		5		5	
1/4	247	1/4	812	1/4	1,377	1/4	1,942	1/4	2,507	1/4		1/4		1/4		1/4		1/4	
1/2	259	1/2	824	1/2	1,389	1/2	1,954	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	271	3/4	836	3/4	1,401	3/4	1,966	3/4		3/4		3/4		3/4		3/4		3/4	
6	282	6	847	6	1,412	6	1,977	6		6		6		6		6		6	
1/4	294	1/4	859	1/4	1,424	1/4	1,989	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	306	1/2	871	1/2	1,436	1/2	2,001	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	318	3/4	883	3/4	1,448	3/4	2,013	3/4		3/4		3/4		3/4		3/4		3/4	
7	330	7	894	7	1,459	7	2,024	7		7		7		7		7		7	
1/4	341	1/4	906	1/4	1,471	1/4	2,036	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	353	1/2	918	1/2	1,483	1/2	2,048	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	930	3/4	1,495	3/4	2,060	3/4		3/4		3/4		3/4		3/4		3/4	
8	377	8	942	8	1,506	8	2,071	8		8		8		8		8		8	
1/4	388	1/4	953	1/4	1,518	1/4	2,083	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	400	1/2	965	1/2	1,530	1/2	2,095	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	412	3/4	977	3/4	1,542	3/4	2,107	3/4		3/4		3/4		3/4		3/4		3/4	
9	424	9	989	9	1,554	9	2,119	9		9		9		9		9		9	
1/4	435	1/4	1,000	1/4	1,565	1/4	2,130	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	447	1/2	1,012	1/2	1,577	1/2	2,142	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	459	3/4	1,024	3/4	1,589	3/4	2,154	3/4		3/4		3/4		3/4		3/4		3/4	
10	471	10	1,036	10	1,601	10	2,166	10		10		10		10		10		10	
1/4	483	1/4	1,047	1/4	1,612	1/4	2,177	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	494	1/2	1,059	1/2	1,624	1/2	2,189	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	506	3/4	1,071	3/4	1,636	3/4	2,201	3/4		3/4		3/4		3/4		3/4		3/4	
11	518	11	1,083	11	1,648	11	2,213	11		11		11		11		11		11	
1/4	530	1/4	1,095	1/4	1,659	1/4	2,224	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	541	1/2	1,106	1/2	1,671	1/2	2,236	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	553	3/4	1,118	3/4	1,683	3/4	2,248	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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



BARGE "DBL 303"

FUEL TANK INNAGE TABLE

GAUGE HEIGHT 4'-03"

CAPACITIES GIVEN IN WHOLE GALLONS

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	106	0	271	0	431	0		0		0		0		0		0	
1/4	1	1/4	110	1/4	274	1/4	434	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1	1/2	113	1/2	278	1/2	437	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	116	3/4	281	3/4	440	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3	1	119	1	285	1	443	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	122	1/4	288	1/4	446	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	5	1/2	125	1/2	292	1/2	448	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	7	3/4	129	3/4	295	3/4	451	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	8	2	132	2	299	2	454	2	2	2	2	2	2	2	2	2	2	2	2
1/4	9	1/4	135	1/4	302	1/4	457	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	11	1/2	139	1/2	306	1/2	459	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	13	3/4	142	3/4	309	3/4	462	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	14	3	145	3	313	3	465	3	3	3	3	3	3	3	3	3	3	3	3
1/4	16	1/4	148	1/4	316	1/4	467	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	18	1/2	152	1/2	320	1/2	470	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	20	3/4	155	3/4	323	3/4	472	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	22	4	159	4	327	4	475	4	4	4	4	4	4	4	4	4	4	4	4
1/4	24	1/4	162	1/4	330	1/4	477	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	26	1/2	165	1/2	334	1/2	479	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	28	3/4	169	3/4	337	3/4	482	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	30	5	172	5	341	5	484	5	5	5	5	5	5	5	5	5	5	5	5
1/4	32	1/4	176	1/4	344	1/4	486	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35	1/2	179	1/2	348	1/2	488	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	37	3/4	182	3/4	351	3/4	490	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	39	6	186	6	354	6	493	6	6	6	6	6	6	6	6	6	6	6	6
1/4	42	1/4	189	1/4	358	1/4	495	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44	1/2	193	1/2	361	1/2	497	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47	3/4	196	3/4	365	3/4	498	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	49	7	200	7	368	7	500	7	7	7	7	7	7	7	7	7	7	7	7
1/4	52	1/4	203	1/4	371	1/4	502	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54	1/2	207	1/2	375	1/2	504	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57	3/4	210	3/4	378	3/4	505	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	60	8	214	8	381	8	507	8	8	8	8	8	8	8	8	8	8	8	8
1/4	62	1/4	217	1/4	384	1/4	508	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65	1/2	221	1/2	388	1/2	510	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68	3/4	224	3/4	391	3/4	511	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	71	9	228	9	394	9	513	9	9	9	9	9	9	9	9	9	9	9	9
1/4	74	1/4	232	1/4	397	1/4	513	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76	1/2	235	1/2	401	1/2	513	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79	3/4	239	3/4	404	3/4	513	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	82	10	242	10	407	10	513	10	10	10	10	10	10	10	10	10	10	10	10
1/4	85	1/4	246	1/4	410	1/4	513	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88	1/2	249	1/2	413	1/2	513	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91	3/4	253	3/4	416	3/4	513	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	94	11	256	11	419	11	513	11	11	11	11	11	11	11	11	11	11	11	11
1/4	97	1/4	260	1/4	422	1/4	513	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	100	1/2	264	1/2	425	1/2	513	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	103	3/4	267	3/4	428	3/4	513	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER HATCH.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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