



BARGE: DBL 253

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 CENTER	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-3/8	- 01-3/8	01-7/8	- 01-7/8	02-3/8	- 02-3/8	02-7/8	- 02-7/8
2 CENTER	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 01-7/8	01-7/8
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

LENGTH BETWEEN DRAFT MARKS: 153'-09"

June 1, 2019

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 01-0/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11"



BARGE "DBL 253"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-06"

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	0.37	0	181.36	0	433.27	0	682.53	0	928.82	0	1,180.06	0	1,431.30	0	1,681.36	0	1,932.72	0	2,183.97
1/4	0.80	1/4	186.61	1/4	438.51	1/4	687.58	1/4	934.05	1/4	1,185.30	1/4	1,436.54	1/4	1,686.60	1/4	1,937.95	1/4	2,189.20
1/2	1.24	1/2	191.86	1/2	443.74	1/2	692.64	1/2	939.29	1/2	1,190.53	1/2	1,441.77	1/2	1,691.83	1/2	1,943.19	1/2	2,194.44
3/4	1.68	3/4	197.11	3/4	448.98	3/4	697.69	3/4	944.52	3/4	1,195.76	3/4	1,447.01	3/4	1,697.07	3/4	1,948.43	3/4	2,199.67
1	2.12	1	202.36	1	454.22	1	702.75	1	949.76	1	1,201.00	1	1,452.24	1	1,702.31	1	1,953.66	1	2,204.91
1/4	3.43	1/4	207.61	1/4	459.45	1/4	707.81	1/4	954.99	1/4	1,206.23	1/4	1,457.47	1/4	1,707.54	1/4	1,958.90	1/4	2,210.15
1/2	4.74	1/2	212.86	1/2	464.69	1/2	712.86	1/2	960.22	1/2	1,211.47	1/2	1,462.71	1/2	1,712.78	1/2	1,964.14	1/2	2,215.38
3/4	6.05	3/4	218.11	3/4	469.92	3/4	717.92	3/4	965.46	3/4	1,216.70	3/4	1,467.94	3/4	1,718.02	3/4	1,969.37	3/4	2,220.62
2	7.37	2	223.36	2	475.16	2	722.97	2	970.69	2	1,221.93	2	1,473.18	2	1,723.25	2	1,974.61	2	2,225.85
1/4	9.55	1/4	228.61	1/4	480.40	1/4	728.03	1/4	975.93	1/4	1,227.17	1/4	1,478.38	1/4	1,728.49	1/4	1,979.85	1/4	2,231.09
1/2	11.74	1/2	233.86	1/2	485.64	1/2	733.09	1/2	981.16	1/2	1,232.40	1/2	1,483.59	1/2	1,733.73	1/2	1,985.08	1/2	2,236.32
3/4	13.93	3/4	239.11	3/4	490.87	3/4	738.14	3/4	986.40	3/4	1,237.64	3/4	1,488.79	3/4	1,738.96	3/4	1,990.32	3/4	2,241.56
3	16.12	3	244.36	3	496.11	3	743.20	3	991.63	3	1,242.87	3	1,493.99	3	1,744.20	3	1,995.56	3	2,246.80
1/4	18.58	1/4	249.61	1/4	501.35	1/4	748.25	1/4	996.86	1/4	1,248.11	1/4	1,499.20	1/4	1,749.44	1/4	2,000.79	1/4	2,252.03
1/2	21.05	1/2	254.86	1/2	506.59	1/2	753.31	1/2	1,002.10	1/2	1,253.34	1/2	1,504.40	1/2	1,754.67	1/2	2,006.02	1/2	2,257.27
3/4	23.52	3/4	260.12	3/4	511.83	3/4	758.37	3/4	1,007.33	3/4	1,258.57	3/4	1,509.61	3/4	1,759.91	3/4	2,011.26	3/4	2,262.50
4	25.99	4	265.37	4	517.07	4	763.42	4	1,012.57	4	1,263.81	4	1,514.81	4	1,765.15	4	2,016.49	4	2,267.74
1/4	29.44	1/4	270.61	1/4	522.31	1/4	768.48	1/4	1,017.80	1/4	1,269.04	1/4	1,520.02	1/4	1,770.38	1/4	2,021.72	1/4	2,272.97
1/2	32.89	1/2	275.86	1/2	527.55	1/2	773.53	1/2	1,023.03	1/2	1,274.28	1/2	1,525.22	1/2	1,775.62	1/2	2,026.96	1/2	2,278.21
3/4	36.34	3/4	281.11	3/4	532.78	3/4	778.59	3/4	1,028.27	3/4	1,279.51	3/4	1,530.43	3/4	1,780.86	3/4	2,032.19	3/4	2,283.45
5	39.79	5	286.36	5	538.02	5	783.65	5	1,033.50	5	1,284.74	5	1,535.63	5	1,786.09	5	2,037.42	5	2,288.68
1/4	44.22	1/4	291.61	1/4	543.26	1/4	788.71	1/4	1,038.74	1/4	1,289.98	1/4	1,540.84	1/4	1,791.33	1/4	2,042.66	1/4	2,293.92
1/2	48.65	1/2	296.86	1/2	548.50	1/2	793.77	1/2	1,043.97	1/2	1,295.21	1/2	1,546.04	1/2	1,796.57	1/2	2,047.89	1/2	2,299.15
3/4	53.08	3/4	302.11	3/4	553.74	3/4	798.82	3/4	1,049.21	3/4	1,300.45	3/4	1,551.25	3/4	1,801.80	3/4	2,053.12	3/4	2,304.39
6	57.51	6	307.35	6	558.98	6	803.88	6	1,054.44	6	1,305.68	6	1,556.45	6	1,807.04	6	2,058.35	6	2,309.62
1/4	62.45	1/4	312.61	1/4	564.22	1/4	808.95	1/4	1,059.67	1/4	1,310.92	1/4	1,561.65	1/4	1,812.28	1/4	2,063.59	1/4	2,314.86
1/2	67.39	1/2	317.86	1/2	569.46	1/2	814.01	1/2	1,064.91	1/2	1,316.15	1/2	1,566.86	1/2	1,817.51	1/2	2,068.82	1/2	2,320.10
3/4	72.33	3/4	323.11	3/4	574.69	3/4	819.07	3/4	1,070.14	3/4	1,321.38	3/4	1,572.06	3/4	1,822.75	3/4	2,074.05	3/4	2,325.33
7	77.27	7	328.36	7	579.93	7	824.14	7	1,075.38	7	1,326.62	7	1,577.27	7	1,827.98	7	2,079.28	7	2,330.57
1/4	82.34	1/4	333.61	1/4	585.17	1/4	829.37	1/4	1,080.61	1/4	1,331.85	1/4	1,582.47	1/4	1,833.22	1/4	2,084.52	1/4	2,335.80
1/2	87.42	1/2	338.86	1/2	590.41	1/2	834.60	1/2	1,085.85	1/2	1,337.09	1/2	1,587.68	1/2	1,838.46	1/2	2,089.75	1/2	2,341.04
3/4	92.50	3/4	344.11	3/4	595.65	3/4	839.84	3/4	1,091.08	3/4	1,342.32	3/4	1,592.88	3/4	1,843.69	3/4	2,094.98	3/4	2,346.27
8	97.57	8	349.36	8	600.89	8	845.07	8	1,096.31	8	1,347.56	8	1,598.09	8	1,848.93	8	2,100.21	8	2,351.51
1/4	102.77	1/4	354.61	1/4	606.13	1/4	850.31	1/4	1,101.55	1/4	1,352.79	1/4	1,603.29	1/4	1,854.17	1/4	2,105.45	1/4	2,356.75
1/2	107.96	1/2	359.86	1/2	611.36	1/2	855.54	1/2	1,106.78	1/2	1,358.02	1/2	1,608.50	1/2	1,859.40	1/2	2,110.68	1/2	2,361.98
3/4	113.16	3/4	365.11	3/4	616.60	3/4	860.77	3/4	1,112.02	3/4	1,363.26	3/4	1,613.70	3/4	1,864.64	3/4	2,115.91	3/4	2,367.22
9	118.35	9	370.36	9	621.84	9	866.01	9	1,117.25	9	1,368.49	9	1,618.90	9	1,869.88	9	2,121.15	9	2,372.45
1/4	123.60	1/4	375.61	1/4	626.90	1/4	871.24	1/4	1,122.48	1/4	1,373.73	1/4	1,624.11	1/4	1,875.11	1/4	2,126.38	1/4	2,377.69
1/2	128.85	1/2	380.86	1/2	631.96	1/2	876.48	1/2	1,127.72	1/2	1,378.96	1/2	1,629.31	1/2	1,880.35	1/2	2,131.61	1/2	2,382.92
3/4	134.10	3/4	386.11	3/4	637.02	3/4	881.71	3/4	1,132.95	3/4	1,384.19	3/4	1,634.52	3/4	1,885.59	3/4	2,136.85	3/4	2,388.16
10	139.35	10	391.36	10	642.08	10	886.95	10	1,138.19	10	1,389.43	10	1,639.72	10	1,890.82	10	2,142.08	10	2,393.40
1/4	144.61	1/4	396.60	1/4	647.13	1/4	892.18	1/4	1,143.42	1/4	1,394.66	1/4	1,644.93	1/4	1,896.06	1/4	2,147.32	1/4	2,398.63
1/2	149.86	1/2	401.84	1/2	652.19	1/2	897.41	1/2	1,148.66	1/2	1,399.90	1/2	1,650.13	1/2	1,901.30	1/2	2,152.55	1/2	2,403.87
3/4	155.11	3/4	407.08	3/4	657.25	3/4	902.65	3/4	1,153.89	3/4	1,405.13	3/4	1,655.34	3/4	1,906.53	3/4	2,157.79	3/4	2,409.10
11	160.36	11	412.32	11	662.30	11	907.88	11	1,159.12	11	1,410.37	11	1,660.54	11	1,911.77	11	2,163.02	11	2,414.34
1/4	165.61	1/4	417.56	1/4	667.36	1/4	913.12	1/4	1,164.36	1/4	1,415.60	1/4	1,665.75	1/4	1,917.01	1/4	2,168.26	1/4	2,419.57
1/2	170.86	1/2	422.79	1/2	672.41	1/2	918.35	1/2	1,169.59	1/2	1,420.83	1/2	1,670.95	1/2	1,922.24	1/2	2,173.50	1/2	2,424.81
3/4	176.11	3/4	428.03	3/4	677.47	3/4	923.59	3/4	1,174.83	3/4	1,426.07	3/4	1,676.16	3/4	1,927.48	3/4	2,178.73	3/4	2,430.05

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" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 20'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "DBL 253"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-06"

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	2,435.28	0	2,663.72	0	2,884.53	0	3,105.34	0	3,326.15	0	3,546.96	0	3,767.76	0	3,998.92	0		0	
1/4	2,440.52	1/4	2,668.32	1/4	2,889.13	1/4	3,109.94	1/4	3,330.75	1/4	3,551.56	1/4	3,772.37	1/4	4,004.03	1/4		1/4	
1/2	2,445.75	1/2	2,672.92	1/2	2,893.73	1/2	3,114.54	1/2	3,335.35	1/2	3,556.16	1/2	3,776.97	1/2	4,009.14	1/2		1/2	
3/4	2,450.99	3/4	2,677.52	3/4	2,898.33	3/4	3,119.14	3/4	3,339.95	3/4	3,560.76	3/4	3,781.57	3/4	4,014.24	3/4		3/4	
1	2,456.22	1	2,682.12	1	2,902.93	1	3,123.74	1	3,344.55	1	3,565.36	1	3,786.17	1	4,019.35	1		1	
1/4	2,461.46	1/4	2,686.72	1/4	2,907.53	1/4	3,128.34	1/4	3,349.15	1/4	3,569.96	1/4	3,790.77	1/4	4,023.55	1/4		1/4	
1/2	2,466.70	1/2	2,691.32	1/2	2,912.13	1/2	3,132.94	1/2	3,353.75	1/2	3,574.56	1/2	3,795.37	1/2	4,027.75	1/2		1/2	
3/4	2,471.93	3/4	2,695.92	3/4	2,916.73	3/4	3,137.54	3/4	3,358.35	3/4	3,579.16	3/4	3,799.97	3/4	4,031.95	3/4		3/4	
2	2,477.17	2	2,700.52	2	2,921.33	2	3,142.14	2	3,362.95	2	3,583.76	2	3,804.57	2	4,036.15	2		2	
1/4	2,482.40	1/4	2,705.12	1/4	2,925.93	1/4	3,146.74	1/4	3,367.55	1/4	3,588.36	1/4	3,809.17	1/4	4,039.30	1/4		1/4	
1/2	2,487.64	1/2	2,709.72	1/2	2,930.53	1/2	3,151.34	1/2	3,372.15	1/2	3,592.96	1/2	3,813.77	1/2	4,042.45	1/2		1/2	
3/4	2,492.87	3/4	2,714.32	3/4	2,935.13	3/4	3,155.94	3/4	3,376.75	3/4	3,597.56	3/4	3,818.37	3/4	4,045.60	3/4		3/4	
3	2,498.11	3	2,718.92	3	2,939.73	3	3,160.54	3	3,381.35	3	3,602.16	3	3,822.97	3	4,048.75	3		3	
1/4	2,502.71	1/4	2,723.52	1/4	2,944.33	1/4	3,165.14	1/4	3,385.95	1/4	3,606.76	1/4	3,827.57	1/4	4,050.85	1/4		1/4	
1/2	2,507.31	1/2	2,728.12	1/2	2,948.93	1/2	3,169.74	1/2	3,390.55	1/2	3,611.36	1/2	3,832.17	1/2	4,052.95	1/2		1/2	
3/4	2,511.91	3/4	2,732.72	3/4	2,953.53	3/4	3,174.34	3/4	3,395.15	3/4	3,615.96	3/4	3,836.77	3/4	4,055.05	3/4		3/4	
4	2,516.51	4	2,737.32	4	2,958.13	4	3,178.94	4	3,399.75	4	3,620.56	4	3,841.37	4	4,057.14	4		4	
1/4	2,521.11	1/4	2,741.92	1/4	2,962.73	1/4	3,183.54	1/4	3,404.35	1/4	3,625.16	1/4	3,845.97	1/4	4,058.19	1/4		1/4	
1/2	2,525.71	1/2	2,746.52	1/2	2,967.33	1/2	3,188.14	1/2	3,408.95	1/2	3,629.76	1/2	3,850.57	1/2	4,059.24	1/2		1/2	
3/4	2,530.31	3/4	2,751.12	3/4	2,971.93	3/4	3,192.74	3/4	3,413.55	3/4	3,634.36	3/4	3,855.17	3/4	4,060.29	3/4		3/4	
5	2,534.91	5	2,755.72	5	2,976.53	5	3,197.34	5	3,418.15	5	3,638.96	5	3,859.77	5	4,061.34	5		5	
1/4	2,539.51	1/4	2,760.32	1/4	2,981.13	1/4	3,201.94	1/4	3,422.75	1/4	3,643.56	1/4	3,864.37	1/4	4,061.60	1/4		1/4	
1/2	2,544.11	1/2	2,764.92	1/2	2,985.73	1/2	3,206.54	1/2	3,427.35	1/2	3,648.16	1/2	3,868.97	1/2	4,061.86	1/2		1/2	
3/4	2,548.71	3/4	2,769.52	3/4	2,990.33	3/4	3,211.14	3/4	3,431.95	3/4	3,652.76	3/4	3,873.57	3/4		3/4		3/4	
6	2,553.31	6	2,774.12	6	2,994.93	6	3,215.74	6	3,436.55	6	3,657.36	6	3,878.17	6		6		6	
1/4	2,557.91	1/4	2,778.72	1/4	2,999.53	1/4	3,220.34	1/4	3,441.15	1/4	3,661.96	1/4	3,882.77	1/4		1/4		1/4	
1/2	2,562.51	1/2	2,783.32	1/2	3,004.13	1/2	3,224.94	1/2	3,445.75	1/2	3,666.56	1/2	3,887.37	1/2		1/2		1/2	
3/4	2,567.11	3/4	2,787.92	3/4	3,008.73	3/4	3,229.54	3/4	3,450.35	3/4	3,671.16	3/4	3,891.97	3/4		3/4		3/4	
7	2,571.71	7	2,792.52	7	3,013.33	7	3,234.14	7	3,454.95	7	3,675.76	7	3,896.57	7		7		7	
1/4	2,576.31	1/4	2,797.12	1/4	3,017.93	1/4	3,238.74	1/4	3,459.55	1/4	3,680.36	1/4	3,901.17	1/4		1/4		1/4	
1/2	2,580.91	1/2	2,801.72	1/2	3,022.53	1/2	3,243.34	1/2	3,464.15	1/2	3,684.96	1/2	3,905.77	1/2		1/2		1/2	
3/4	2,585.51	3/4	2,806.32	3/4	3,027.13	3/4	3,247.94	3/4	3,468.75	3/4	3,689.56	3/4	3,910.37	3/4		3/4		3/4	
8	2,590.11	8	2,810.92	8	3,031.73	8	3,252.54	8	3,473.35	8	3,694.16	8	3,914.97	8		8		8	
1/4	2,594.71	1/4	2,815.52	1/4	3,036.33	1/4	3,257.14	1/4	3,477.95	1/4	3,698.76	1/4	3,920.22	1/4		1/4		1/4	
1/2	2,599.31	1/2	2,820.12	1/2	3,040.93	1/2	3,261.74	1/2	3,482.55	1/2	3,703.36	1/2	3,925.47	1/2		1/2		1/2	
3/4	2,603.91	3/4	2,824.72	3/4	3,045.53	3/4	3,266.34	3/4	3,487.15	3/4	3,707.96	3/4	3,930.72	3/4		3/4		3/4	
9	2,608.51	9	2,829.32	9	3,050.13	9	3,270.94	9	3,491.75	9	3,712.56	9	3,935.97	9		9		9	
1/4	2,613.11	1/4	2,833.92	1/4	3,054.73	1/4	3,275.54	1/4	3,496.35	1/4	3,717.16	1/4	3,941.21	1/4		1/4		1/4	
1/2	2,617.71	1/2	2,838.52	1/2	3,059.33	1/2	3,280.14	1/2	3,500.95	1/2	3,721.76	1/2	3,946.46	1/2		1/2		1/2	
3/4	2,622.32	3/4	2,843.12	3/4	3,063.93	3/4	3,284.74	3/4	3,505.55	3/4	3,726.36	3/4	3,951.71	3/4		3/4		3/4	
10	2,626.92	10	2,847.72	10	3,068.53	10	3,289.34	10	3,510.15	10	3,730.96	10	3,956.96	10		10		10	
1/4	2,631.52	1/4	2,852.33	1/4	3,073.13	1/4	3,293.94	1/4	3,514.75	1/4	3,735.56	1/4	3,962.21	1/4		1/4		1/4	
1/2	2,636.12	1/2	2,856.93	1/2	3,077.73	1/2	3,298.54	1/2	3,519.35	1/2	3,740.16	1/2	3,967.46	1/2		1/2		1/2	
3/4	2,640.72	3/4	2,861.53	3/4	3,082.34	3/4	3,303.14	3/4	3,523.95	3/4	3,744.76	3/4	3,972.70	3/4		3/4		3/4	
11	2,645.32	11	2,866.13	11	3,086.94	11	3,307.74	11	3,528.55	11	3,749.36	11	3,977.95	11		11		11	
1/4	2,649.92	1/4	2,870.73	1/4	3,091.54	1/4	3,312.35	1/4	3,533.15	1/4	3,753.96	1/4	3,983.20	1/4		1/4		1/4	
1/2	2,654.52	1/2	2,875.33	1/2	3,096.14	1/2	3,316.95	1/2	3,537.75	1/2	3,758.56	1/2	3,988.44	1/2		1/2		1/2	
3/4	2,659.12	3/4	2,879.93	3/4	3,100.74	3/4	3,321.55	3/4	3,542.36	3/4	3,763.16	3/4	3,993.68	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2019 JS
CALCULATED: 06/01/2019 CL
PRINTED: 06/01/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

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



BARGE "DBL 253"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-06"

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	0.37	0	216.01	0	503.89	0	787.99	0	1,072.02	0	1,359.91	0	1,647.80	0	1,935.69	0	2,223.58	0	2,511.47
1/4	0.87	1/4	222.01	1/4	509.89	1/4	793.80	1/4	1,078.02	1/4	1,365.91	1/4	1,653.80	1/4	1,941.69	1/4	2,229.58	1/4	2,517.47
1/2	1.37	1/2	228.01	1/2	515.89	1/2	799.60	1/2	1,084.02	1/2	1,371.91	1/2	1,659.80	1/2	1,947.69	1/2	2,235.58	1/2	2,523.47
3/4	1.87	3/4	234.00	3/4	521.88	3/4	805.41	3/4	1,090.02	3/4	1,377.91	3/4	1,665.80	3/4	1,953.69	3/4	2,241.57	3/4	2,529.46
1	2.36	1	240.00	1	527.88	1	811.22	1	1,096.01	1	1,383.90	1	1,671.79	1	1,959.68	1	2,247.57	1	2,535.46
1/4	3.86	1/4	246.00	1/4	533.88	1/4	817.02	1/4	1,102.01	1/4	1,389.90	1/4	1,677.79	1/4	1,965.68	1/4	2,253.57	1/4	2,541.46
1/2	5.36	1/2	252.00	1/2	539.88	1/2	822.83	1/2	1,108.01	1/2	1,395.90	1/2	1,683.79	1/2	1,971.68	1/2	2,259.57	1/2	2,547.46
3/4	6.86	3/4	257.99	3/4	545.87	3/4	828.63	3/4	1,114.01	3/4	1,401.90	3/4	1,689.79	3/4	1,977.68	3/4	2,265.57	3/4	2,553.46
2	8.36	2	263.99	2	551.87	2	834.44	2	1,120.00	2	1,407.89	2	1,695.78	2	1,983.67	2	2,271.56	2	2,559.45
1/4	10.86	1/4	269.99	1/4	557.87	1/4	840.24	1/4	1,126.00	1/4	1,413.89	1/4	1,701.78	1/4	1,989.67	1/4	2,277.56	1/4	2,565.45
1/2	13.36	1/2	275.99	1/2	563.87	1/2	846.05	1/2	1,132.00	1/2	1,419.89	1/2	1,707.78	1/2	1,995.67	1/2	2,283.56	1/2	2,571.45
3/4	15.86	3/4	281.98	3/4	569.86	3/4	851.85	3/4	1,138.00	3/4	1,425.89	3/4	1,713.78	3/4	2,001.67	3/4	2,289.56	3/4	2,577.45
3	18.36	3	287.98	3	575.86	3	857.66	3	1,144.00	3	1,431.89	3	1,719.77	3	2,007.66	3	2,295.55	3	2,583.44
1/4	21.86	1/4	293.98	1/4	581.86	1/4	863.47	1/4	1,149.99	1/4	1,437.88	1/4	1,725.77	1/4	2,013.66	1/4	2,301.55	1/4	2,589.44
1/2	25.35	1/2	299.98	1/2	587.86	1/2	869.27	1/2	1,155.99	1/2	1,443.88	1/2	1,731.77	1/2	2,019.66	1/2	2,307.55	1/2	2,595.44
3/4	28.85	3/4	305.97	3/4	593.85	3/4	875.08	3/4	1,161.99	3/4	1,449.88	3/4	1,737.77	3/4	2,025.66	3/4	2,313.55	3/4	2,601.44
4	32.35	4	311.97	4	599.85	4	880.88	4	1,167.99	4	1,455.88	4	1,743.77	4	2,031.66	4	2,319.54	4	2,607.43
1/4	36.85	1/4	317.97	1/4	605.85	1/4	886.69	1/4	1,173.98	1/4	1,461.87	1/4	1,749.76	1/4	2,037.65	1/4	2,325.54	1/4	2,613.43
1/2	41.35	1/2	323.97	1/2	611.85	1/2	892.49	1/2	1,179.98	1/2	1,467.87	1/2	1,755.76	1/2	2,043.65	1/2	2,331.54	1/2	2,619.43
3/4	45.84	3/4	329.96	3/4	617.84	3/4	898.30	3/4	1,185.98	3/4	1,473.87	3/4	1,761.76	3/4	2,049.65	3/4	2,337.54	3/4	2,625.43
5	50.34	5	335.96	5	623.84	5	904.10	5	1,191.98	5	1,479.87	5	1,767.76	5	2,055.65	5	2,343.54	5	2,631.43
1/4	55.84	1/4	341.96	1/4	629.84	1/4	910.10	1/4	1,197.98	1/4	1,485.86	1/4	1,773.75	1/4	2,061.64	1/4	2,349.53	1/4	2,637.42
1/2	61.33	1/2	347.96	1/2	635.84	1/2	916.09	1/2	1,203.97	1/2	1,491.86	1/2	1,779.75	1/2	2,067.64	1/2	2,355.53	1/2	2,643.42
3/4	66.82	3/4	353.95	3/4	641.83	3/4	922.08	3/4	1,209.97	3/4	1,497.86	3/4	1,785.75	3/4	2,073.64	3/4	2,361.53	3/4	2,649.42
6	72.32	6	359.95	6	647.83	6	928.08	6	1,215.97	6	1,503.86	6	1,791.75	6	2,079.64	6	2,367.53	6	2,655.42
1/4	78.27	1/4	365.95	1/4	653.83	1/4	934.08	1/4	1,221.97	1/4	1,509.86	1/4	1,797.74	1/4	2,085.63	1/4	2,373.52	1/4	2,661.41
1/2	84.22	1/2	371.95	1/2	659.83	1/2	940.07	1/2	1,227.96	1/2	1,515.85	1/2	1,803.74	1/2	2,091.63	1/2	2,379.52	1/2	2,667.41
3/4	90.17	3/4	377.94	3/4	665.82	3/4	946.07	3/4	1,233.96	3/4	1,521.85	3/4	1,809.74	3/4	2,097.63	3/4	2,385.52	3/4	2,673.41
7	96.12	7	383.94	7	671.82	7	952.07	7	1,239.96	7	1,527.85	7	1,815.74	7	2,103.63	7	2,391.52	7	2,679.41
1/4	102.10	1/4	389.94	1/4	677.63	1/4	958.07	1/4	1,245.96	1/4	1,533.85	1/4	1,821.74	1/4	2,109.63	1/4	2,397.51	1/4	2,685.40
1/2	108.09	1/2	395.94	1/2	683.44	1/2	964.06	1/2	1,251.95	1/2	1,539.84	1/2	1,827.73	1/2	2,115.62	1/2	2,403.51	1/2	2,691.40
3/4	114.07	3/4	401.93	3/4	689.26	3/4	970.06	3/4	1,257.95	3/4	1,545.84	3/4	1,833.73	3/4	2,121.62	3/4	2,409.51	3/4	2,697.40
8	120.06	8	407.93	8	695.07	8	976.06	8	1,263.95	8	1,551.84	8	1,839.73	8	2,127.62	8	2,415.51	8	2,703.40
1/4	126.05	1/4	413.93	1/4	700.88	1/4	982.06	1/4	1,269.95	1/4	1,557.84	1/4	1,845.73	1/4	2,133.62	1/4	2,421.51	1/4	2,709.40
1/2	132.05	1/2	419.93	1/2	706.69	1/2	988.06	1/2	1,275.95	1/2	1,563.83	1/2	1,851.72	1/2	2,139.61	1/2	2,427.50	1/2	2,715.39
3/4	138.04	3/4	425.92	3/4	712.50	3/4	994.05	3/4	1,281.94	3/4	1,569.83	3/4	1,857.72	3/4	2,145.61	3/4	2,433.50	3/4	2,721.39
9	144.04	9	431.92	9	718.31	9	1,000.05	9	1,287.94	9	1,575.83	9	1,863.72	9	2,151.61	9	2,439.50	9	2,727.39
1/4	150.04	1/4	437.92	1/4	724.12	1/4	1,006.05	1/4	1,293.94	1/4	1,581.83	1/4	1,869.72	1/4	2,157.61	1/4	2,445.50	1/4	2,733.39
1/2	156.04	1/2	443.92	1/2	729.93	1/2	1,012.05	1/2	1,299.94	1/2	1,587.83	1/2	1,875.72	1/2	2,163.60	1/2	2,451.49	1/2	2,739.38
3/4	162.03	3/4	449.91	3/4	735.74	3/4	1,018.04	3/4	1,305.93	3/4	1,593.82	3/4	1,881.71	3/4	2,169.60	3/4	2,457.49	3/4	2,745.38
10	168.03	10	455.91	10	741.55	10	1,024.04	10	1,311.93	10	1,599.82	10	1,887.71	10	2,175.60	10	2,463.49	10	2,751.38
1/4	174.03	1/4	461.91	1/4	747.36	1/4	1,030.04	1/4	1,317.93	1/4	1,605.82	1/4	1,893.71	1/4	2,181.60	1/4	2,469.49	1/4	2,757.38
1/2	180.03	1/2	467.91	1/2	753.16	1/2	1,036.04	1/2	1,323.93	1/2	1,611.82	1/2	1,899.71	1/2	2,187.60	1/2	2,475.49	1/2	2,763.37
3/4	186.02	3/4	473.90	3/4	758.97	3/4	1,042.03	3/4	1,329.92	3/4	1,617.81	3/4	1,905.70	3/4	2,193.59	3/4	2,481.48	3/4	2,769.37
11	192.02	11	479.90	11	764.77	11	1,048.03	11	1,335.92	11	1,623.81	11	1,911.70	11	2,199.59	11	2,487.48	11	2,775.37
1/4	198.02	1/4	485.90	1/4	770.58	1/4	1,054.03	1/4	1,341.92	1/4	1,629.81	1/4	1,917.70	1/4	2,205.59	1/4	2,493.48	1/4	2,781.37
1/2	204.02	1/2	491.90	1/2	776.38	1/2	1,060.03	1/2	1,347.92	1/2	1,635.81	1/2	1,923.70	1/2	2,211.59	1/2	2,499.48	1/2	2,787.37
3/4	210.01	3/4	497.89	3/4	782.19	3/4	1,066.03	3/4	1,353.92	3/4	1,641.80	3/4	1,929.69	3/4	2,217.58	3/4	2,505.47	3/4	2,793.36

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" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 34'-00" FORWARD OF AFT BULKHEAD

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



BARGE "DBL 253"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-06"

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	2,799.36	0	3,087.25	0	3,375.14	0	3,663.03	0	3,950.92	0	4,238.81	0	4,526.70	0	4,814.54	0		0	
1/4	2,805.36	1/4	3,093.25	1/4	3,381.14	1/4	3,669.03	1/4	3,956.92	1/4	4,244.81	1/4	4,532.70	1/4	4,820.38	1/4		1/4	
1/2	2,811.36	1/2	3,099.25	1/2	3,387.14	1/2	3,675.03	1/2	3,962.91	1/2	4,250.80	1/2	4,538.69	1/2	4,826.21	1/2		1/2	
3/4	2,817.35	3/4	3,105.24	3/4	3,393.13	3/4	3,681.02	3/4	3,968.91	3/4	4,256.80	3/4	4,544.69	3/4	4,832.05	3/4		3/4	
1	2,823.35	1	3,111.24	1	3,399.13	1	3,687.02	1	3,974.91	1	4,262.80	1	4,550.69	1	4,837.88	1		1	
1/4	2,829.35	1/4	3,117.24	1/4	3,405.13	1/4	3,693.02	1/4	3,980.91	1/4	4,268.80	1/4	4,556.69	1/4	4,842.68	1/4		1/4	
1/2	2,835.35	1/2	3,123.24	1/2	3,411.13	1/2	3,699.02	1/2	3,986.91	1/2	4,274.80	1/2	4,562.68	1/2	4,847.48	1/2		1/2	
3/4	2,841.34	3/4	3,129.23	3/4	3,417.12	3/4	3,705.01	3/4	3,992.90	3/4	4,280.79	3/4	4,568.68	3/4	4,852.27	3/4		3/4	
2	2,847.34	2	3,135.23	2	3,423.12	2	3,711.01	2	3,998.90	2	4,286.79	2	4,574.68	2	4,857.07	2		2	
1/4	2,853.34	1/4	3,141.23	1/4	3,429.12	1/4	3,717.01	1/4	4,004.90	1/4	4,292.79	1/4	4,580.68	1/4	4,860.67	1/4		1/4	
1/2	2,859.34	1/2	3,147.23	1/2	3,435.12	1/2	3,723.01	1/2	4,010.90	1/2	4,298.79	1/2	4,586.68	1/2	4,864.27	1/2		1/2	
3/4	2,865.34	3/4	3,153.23	3/4	3,441.11	3/4	3,729.00	3/4	4,016.89	3/4	4,304.78	3/4	4,592.67	3/4	4,867.87	3/4		3/4	
3	2,871.33	3	3,159.22	3	3,447.11	3	3,735.00	3	4,022.89	3	4,310.78	3	4,598.67	3	4,871.47	3		3	
1/4	2,877.33	1/4	3,165.22	1/4	3,453.11	1/4	3,741.00	1/4	4,028.89	1/4	4,316.78	1/4	4,604.67	1/4	4,873.87	1/4		1/4	
1/2	2,883.33	1/2	3,171.22	1/2	3,459.11	1/2	3,747.00	1/2	4,034.89	1/2	4,322.78	1/2	4,610.67	1/2	4,876.26	1/2		1/2	
3/4	2,889.33	3/4	3,177.22	3/4	3,465.11	3/4	3,753.00	3/4	4,040.88	3/4	4,328.77	3/4	4,616.66	3/4	4,878.66	3/4		3/4	
4	2,895.32	4	3,183.21	4	3,471.10	4	3,758.99	4	4,046.88	4	4,334.77	4	4,622.66	4	4,881.06	4		4	
1/4	2,901.32	1/4	3,189.21	1/4	3,477.10	1/4	3,764.99	1/4	4,052.88	1/4	4,340.77	1/4	4,628.66	1/4	4,882.26	1/4		1/4	
1/2	2,907.32	1/2	3,195.21	1/2	3,483.10	1/2	3,770.99	1/2	4,058.88	1/2	4,346.77	1/2	4,634.66	1/2	4,883.46	1/2		1/2	
3/4	2,913.32	3/4	3,201.21	3/4	3,489.10	3/4	3,776.99	3/4	4,064.88	3/4	4,352.77	3/4	4,640.65	3/4	4,884.66	3/4		3/4	
5	2,919.31	5	3,207.20	5	3,495.09	5	3,782.98	5	4,070.87	5	4,358.76	5	4,646.65	5	4,885.86	5		5	
1/4	2,925.31	1/4	3,213.20	1/4	3,501.09	1/4	3,788.98	1/4	4,076.87	1/4	4,364.76	1/4	4,652.65	1/4	4,886.16	1/4		1/4	
1/2	2,931.31	1/2	3,219.20	1/2	3,507.09	1/2	3,794.98	1/2	4,082.87	1/2	4,370.76	1/2	4,658.65	1/2	4,886.46	1/2		1/2	
3/4	2,937.31	3/4	3,225.20	3/4	3,513.09	3/4	3,800.98	3/4	4,088.87	3/4	4,376.76	3/4	4,664.65	3/4		3/4		3/4	
6	2,943.31	6	3,231.20	6	3,519.08	6	3,806.97	6	4,094.86	6	4,382.75	6	4,670.64	6		6		6	
1/4	2,949.30	1/4	3,237.19	1/4	3,525.08	1/4	3,812.97	1/4	4,100.86	1/4	4,388.75	1/4	4,676.64	1/4		1/4		1/4	
1/2	2,955.30	1/2	3,243.19	1/2	3,531.08	1/2	3,818.97	1/2	4,106.86	1/2	4,394.75	1/2	4,682.64	1/2		1/2		1/2	
3/4	2,961.30	3/4	3,249.19	3/4	3,537.08	3/4	3,824.97	3/4	4,112.86	3/4	4,400.75	3/4	4,688.64	3/4		3/4		3/4	
7	2,967.30	7	3,255.19	7	3,543.08	7	3,830.97	7	4,118.85	7	4,406.74	7	4,694.63	7		7		7	
1/4	2,973.29	1/4	3,261.18	1/4	3,549.07	1/4	3,836.96	1/4	4,124.85	1/4	4,412.74	1/4	4,700.63	1/4		1/4		1/4	
1/2	2,979.29	1/2	3,267.18	1/2	3,555.07	1/2	3,842.96	1/2	4,130.85	1/2	4,418.74	1/2	4,706.63	1/2		1/2		1/2	
3/4	2,985.29	3/4	3,273.18	3/4	3,561.07	3/4	3,848.96	3/4	4,136.85	3/4	4,424.74	3/4	4,712.63	3/4		3/4		3/4	
8	2,991.29	8	3,279.18	8	3,567.07	8	3,854.96	8	4,142.85	8	4,430.74	8	4,718.62	8		8		8	
1/4	2,997.28	1/4	3,285.17	1/4	3,573.06	1/4	3,860.95	1/4	4,148.84	1/4	4,436.73	1/4	4,724.62	1/4		1/4		1/4	
1/2	3,003.28	1/2	3,291.17	1/2	3,579.06	1/2	3,866.95	1/2	4,154.84	1/2	4,442.73	1/2	4,730.62	1/2		1/2		1/2	
3/4	3,009.28	3/4	3,297.17	3/4	3,585.06	3/4	3,872.95	3/4	4,160.84	3/4	4,448.73	3/4	4,736.62	3/4		3/4		3/4	
9	3,015.28	9	3,303.17	9	3,591.06	9	3,878.95	9	4,166.84	9	4,454.73	9	4,742.62	9		9		9	
1/4	3,021.28	1/4	3,309.17	1/4	3,597.05	1/4	3,884.94	1/4	4,172.83	1/4	4,460.72	1/4	4,748.61	1/4		1/4		1/4	
1/2	3,027.27	1/2	3,315.16	1/2	3,603.05	1/2	3,890.94	1/2	4,178.83	1/2	4,466.72	1/2	4,754.61	1/2		1/2		1/2	
3/4	3,033.27	3/4	3,321.16	3/4	3,609.05	3/4	3,896.94	3/4	4,184.83	3/4	4,472.72	3/4	4,760.61	3/4		3/4		3/4	
10	3,039.27	10	3,327.16	10	3,615.05	10	3,902.94	10	4,190.83	10	4,478.72	10	4,766.61	10		10		10	
1/4	3,045.27	1/4	3,333.16	1/4	3,621.05	1/4	3,908.94	1/4	4,196.82	1/4	4,484.71	1/4	4,772.60	1/4		1/4		1/4	
1/2	3,051.26	1/2	3,339.15	1/2	3,627.04	1/2	3,914.93	1/2	4,202.82	1/2	4,490.71	1/2	4,778.60	1/2		1/2		1/2	
3/4	3,057.26	3/4	3,345.15	3/4	3,633.04	3/4	3,920.93	3/4	4,208.82	3/4	4,496.71	3/4	4,784.60	3/4		3/4		3/4	
11	3,063.26	11	3,351.15	11	3,639.04	11	3,926.93	11	4,214.82	11	4,502.71	11	4,790.60	11		11		11	
1/4	3,069.26	1/4	3,357.15	1/4	3,645.04	1/4	3,932.93	1/4	4,220.82	1/4	4,508.71	1/4	4,796.58	1/4		1/4		1/4	
1/2	3,075.26	1/2	3,363.14	1/2	3,651.03	1/2	3,938.92	1/2	4,226.81	1/2	4,514.70	1/2	4,802.57	1/2		1/2		1/2	
3/4	3,081.25	3/4	3,369.14	3/4	3,657.03	3/4	3,944.92	3/4	4,232.81	3/4	4,520.70	3/4	4,808.55	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2019 JS
CALCULATED: 06/01/2019 CL
PRINTED: 06/01/2019 CL

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019



BARGE "DBL 253"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 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	0.37	0	182.78	0	426.29	0	669.46	0	912.56	0	1,156.09	0	1,399.62	0	1,643.15	0	1,886.68	0	2,130.20
1/4	0.79	1/4	187.85	1/4	431.37	1/4	674.52	1/4	917.64	1/4	1,161.17	1/4	1,404.69	1/4	1,648.22	1/4	1,891.75	1/4	2,135.28
1/2	1.21	1/2	192.92	1/2	436.44	1/2	679.57	1/2	922.71	1/2	1,166.24	1/2	1,409.77	1/2	1,653.29	1/2	1,896.82	1/2	2,140.35
3/4	1.64	3/4	198.00	3/4	441.51	3/4	684.62	3/4	927.78	3/4	1,171.31	3/4	1,414.84	3/4	1,658.37	3/4	1,901.90	3/4	2,145.42
1	2.06	1	203.07	1	446.58	1	689.68	1	932.86	1	1,176.39	1	1,419.91	1	1,663.44	1	1,906.97	1	2,150.50
1/4	3.33	1/4	208.14	1/4	451.66	1/4	694.73	1/4	937.93	1/4	1,181.46	1/4	1,424.99	1/4	1,668.51	1/4	1,912.04	1/4	2,155.57
1/2	4.59	1/2	213.22	1/2	456.73	1/2	699.78	1/2	943.00	1/2	1,186.53	1/2	1,430.06	1/2	1,673.59	1/2	1,917.12	1/2	2,160.64
3/4	5.86	3/4	218.29	3/4	461.80	3/4	704.83	3/4	948.08	3/4	1,191.61	3/4	1,435.13	3/4	1,678.66	3/4	1,922.19	3/4	2,165.72
2	7.13	2	223.36	2	466.88	2	709.89	2	953.15	2	1,196.68	2	1,440.21	2	1,683.74	2	1,927.26	2	2,170.79
1/4	9.24	1/4	228.44	1/4	471.95	1/4	714.94	1/4	958.22	1/4	1,201.75	1/4	1,445.28	1/4	1,688.81	1/4	1,932.34	1/4	2,175.86
1/2	11.36	1/2	233.51	1/2	477.02	1/2	719.99	1/2	963.30	1/2	1,206.83	1/2	1,450.35	1/2	1,693.88	1/2	1,937.41	1/2	2,180.94
3/4	13.47	3/4	238.58	3/4	482.10	3/4	725.04	3/4	968.37	3/4	1,211.90	3/4	1,455.43	3/4	1,698.96	3/4	1,942.48	3/4	2,186.01
3	15.59	3	243.66	3	487.17	3	730.10	3	973.45	3	1,216.97	3	1,460.50	3	1,704.03	3	1,947.56	3	2,191.09
1/4	18.54	1/4	248.73	1/4	492.24	1/4	735.15	1/4	978.52	1/4	1,222.05	1/4	1,465.57	1/4	1,709.10	1/4	1,952.63	1/4	2,196.16
1/2	21.50	1/2	253.80	1/2	497.32	1/2	740.20	1/2	983.59	1/2	1,227.12	1/2	1,470.65	1/2	1,714.18	1/2	1,957.70	1/2	2,201.23
3/4	24.46	3/4	258.88	3/4	502.39	3/4	745.26	3/4	988.67	3/4	1,232.19	3/4	1,475.72	3/4	1,719.25	3/4	1,962.78	3/4	2,206.31
4	27.42	4	263.95	4	507.46	4	750.31	4	993.74	4	1,237.27	4	1,480.80	4	1,724.32	4	1,967.85	4	2,211.38
1/4	31.23	1/4	269.02	1/4	512.54	1/4	755.36	1/4	998.81	1/4	1,242.34	1/4	1,485.87	1/4	1,729.40	1/4	1,972.92	1/4	2,216.45
1/2	35.03	1/2	274.10	1/2	517.61	1/2	760.41	1/2	1,003.89	1/2	1,247.41	1/2	1,490.94	1/2	1,734.47	1/2	1,978.00	1/2	2,221.53
3/4	38.84	3/4	279.17	3/4	522.68	3/4	765.47	3/4	1,008.96	3/4	1,252.49	3/4	1,496.02	3/4	1,739.54	3/4	1,983.07	3/4	2,226.60
5	42.64	5	284.24	5	527.76	5	770.52	5	1,014.03	5	1,257.56	5	1,501.09	5	1,744.62	5	1,988.15	5	2,231.67
1/4	47.29	1/4	289.32	1/4	532.83	1/4	775.59	1/4	1,019.11	1/4	1,262.64	1/4	1,506.16	1/4	1,749.69	1/4	1,993.22	1/4	2,236.75
1/2	51.94	1/2	294.39	1/2	537.90	1/2	780.66	1/2	1,024.18	1/2	1,267.71	1/2	1,511.24	1/2	1,754.76	1/2	1,998.29	1/2	2,241.82
3/4	56.58	3/4	299.46	3/4	542.98	3/4	785.73	3/4	1,029.25	3/4	1,272.78	3/4	1,516.31	3/4	1,759.84	3/4	2,003.37	3/4	2,246.89
6	61.23	6	304.54	6	548.05	6	790.80	6	1,034.33	6	1,277.86	6	1,521.38	6	1,764.91	6	2,008.44	6	2,251.97
1/4	66.26	1/4	309.61	1/4	553.12	1/4	795.87	1/4	1,039.40	1/4	1,282.93	1/4	1,526.46	1/4	1,769.98	1/4	2,013.51	1/4	2,257.04
1/2	71.30	1/2	314.68	1/2	558.20	1/2	800.95	1/2	1,044.47	1/2	1,288.00	1/2	1,531.53	1/2	1,775.06	1/2	2,018.59	1/2	2,262.11
3/4	76.33	3/4	319.75	3/4	563.27	3/4	806.02	3/4	1,049.55	3/4	1,293.08	3/4	1,536.60	3/4	1,780.13	3/4	2,023.66	3/4	2,267.19
7	81.36	7	324.83	7	568.34	7	811.09	7	1,054.62	7	1,298.15	7	1,541.68	7	1,785.21	7	2,028.73	7	2,272.26
1/4	86.43	1/4	329.90	1/4	573.40	1/4	816.17	1/4	1,059.70	1/4	1,303.22	1/4	1,546.75	1/4	1,790.28	1/4	2,033.81	1/4	2,277.33
1/2	91.49	1/2	334.97	1/2	578.46	1/2	821.24	1/2	1,064.77	1/2	1,308.30	1/2	1,551.82	1/2	1,795.35	1/2	2,038.88	1/2	2,282.41
3/4	96.55	3/4	340.05	3/4	583.52	3/4	826.31	3/4	1,069.84	3/4	1,313.37	3/4	1,556.90	3/4	1,800.43	3/4	2,043.95	3/4	2,287.48
8	101.61	8	345.12	8	588.58	8	831.39	8	1,074.92	8	1,318.44	8	1,561.97	8	1,805.50	8	2,049.03	8	2,292.56
1/4	106.68	1/4	350.19	1/4	593.64	1/4	836.46	1/4	1,079.99	1/4	1,323.52	1/4	1,567.04	1/4	1,810.57	1/4	2,054.10	1/4	2,297.63
1/2	111.76	1/2	355.27	1/2	598.70	1/2	841.53	1/2	1,085.06	1/2	1,328.59	1/2	1,572.12	1/2	1,815.65	1/2	2,059.17	1/2	2,302.70
3/4	116.83	3/4	360.34	3/4	603.76	3/4	846.61	3/4	1,090.14	3/4	1,333.66	3/4	1,577.19	3/4	1,820.72	3/4	2,064.25	3/4	2,307.78
9	121.90	9	365.41	9	608.82	9	851.68	9	1,095.21	9	1,338.74	9	1,582.27	9	1,825.79	9	2,069.32	9	2,312.85
1/4	126.97	1/4	370.49	1/4	613.87	1/4	856.75	1/4	1,100.28	1/4	1,343.81	1/4	1,587.34	1/4	1,830.87	1/4	2,074.39	1/4	2,317.92
1/2	132.05	1/2	375.56	1/2	618.93	1/2	861.83	1/2	1,105.36	1/2	1,348.88	1/2	1,592.41	1/2	1,835.94	1/2	2,079.47	1/2	2,323.00
3/4	137.12	3/4	380.63	3/4	623.99	3/4	866.90	3/4	1,110.43	3/4	1,353.96	3/4	1,597.49	3/4	1,841.01	3/4	2,084.54	3/4	2,328.07
10	142.19	10	385.71	10	629.04	10	871.98	10	1,115.50	10	1,359.03	10	1,602.56	10	1,846.09	10	2,089.62	10	2,333.14
1/4	147.27	1/4	390.78	1/4	634.10	1/4	877.05	1/4	1,120.58	1/4	1,364.10	1/4	1,607.63	1/4	1,851.16	1/4	2,094.69	1/4	2,338.22
1/2	152.34	1/2	395.85	1/2	639.15	1/2	882.12	1/2	1,125.65	1/2	1,369.18	1/2	1,612.71	1/2	1,856.23	1/2	2,099.76	1/2	2,343.29
3/4	157.41	3/4	400.93	3/4	644.20	3/4	887.20	3/4	1,130.72	3/4	1,374.25	3/4	1,617.78	3/4	1,861.31	3/4	2,104.84	3/4	2,348.36
11	162.49	11	406.00	11	649.25	11	892.27	11	1,135.80	11	1,379.33	11	1,622.85	11	1,866.38	11	2,109.91	11	2,353.44
1/4	167.56	1/4	411.07	1/4	654.31	1/4	897.34	1/4	1,140.87	1/4	1,384.40	1/4	1,627.93	1/4	1,871.45	1/4	2,114.98	1/4	2,358.51
1/2	172.63	1/2	416.15	1/2	659.36	1/2	902.42	1/2	1,145.94	1/2	1,389.47	1/2	1,633.00	1/2	1,876.53	1/2	2,120.06	1/2	2,363.58
3/4	177.71	3/4	421.22	3/4	664.41	3/4	907.49	3/4	1,151.02	3/4	1,394.55	3/4	1,638.07	3/4	1,881.60	3/4	2,125.13	3/4	2,368.66

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" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "DBL 253"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 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	2,373.73	0	2,617.26	0	2,860.79	0	3,104.32	0	3,347.84	0	3,591.37	0	3,834.90	0	4,078.37	0		0	
1/4	2,378.80	1/4	2,622.33	1/4	2,865.86	1/4	3,109.39	1/4	3,352.92	1/4	3,596.44	1/4	3,839.97	1/4	4,083.30	1/4		1/4	
1/2	2,383.88	1/2	2,627.41	1/2	2,870.93	1/2	3,114.46	1/2	3,357.99	1/2	3,601.52	1/2	3,845.05	1/2	4,088.24	1/2		1/2	
3/4	2,388.95	3/4	2,632.48	3/4	2,876.01	3/4	3,119.54	3/4	3,363.06	3/4	3,606.59	3/4	3,850.12	3/4	4,093.17	3/4		3/4	
1	2,394.03	1	2,637.55	1	2,881.08	1	3,124.61	1	3,368.14	1	3,611.67	1	3,855.19	1	4,098.11	1		1	
1/4	2,399.10	1/4	2,642.63	1/4	2,886.15	1/4	3,129.68	1/4	3,373.21	1/4	3,616.74	1/4	3,860.27	1/4	4,102.17	1/4		1/4	
1/2	2,404.17	1/2	2,647.70	1/2	2,891.23	1/2	3,134.76	1/2	3,378.28	1/2	3,621.81	1/2	3,865.34	1/2	4,106.23	1/2		1/2	
3/4	2,409.25	3/4	2,652.77	3/4	2,896.30	3/4	3,139.83	3/4	3,383.36	3/4	3,626.89	3/4	3,870.41	3/4	4,110.29	3/4		3/4	
2	2,414.32	2	2,657.85	2	2,901.38	2	3,144.90	2	3,388.43	2	3,631.96	2	3,875.49	2	4,114.34	2		2	
1/4	2,419.39	1/4	2,662.92	1/4	2,906.45	1/4	3,149.98	1/4	3,393.50	1/4	3,637.03	1/4	3,880.56	1/4	4,117.39	1/4		1/4	
1/2	2,424.47	1/2	2,667.99	1/2	2,911.52	1/2	3,155.05	1/2	3,398.58	1/2	3,642.11	1/2	3,885.63	1/2	4,120.43	1/2		1/2	
3/4	2,429.54	3/4	2,673.07	3/4	2,916.60	3/4	3,160.12	3/4	3,403.65	3/4	3,647.18	3/4	3,890.71	3/4	4,123.48	3/4		3/4	
3	2,434.61	3	2,678.14	3	2,921.67	3	3,165.20	3	3,408.73	3	3,652.25	3	3,895.78	3	4,126.52	3		3	
1/4	2,439.69	1/4	2,683.21	1/4	2,926.74	1/4	3,170.27	1/4	3,413.80	1/4	3,657.33	1/4	3,900.85	1/4	4,128.55	1/4		1/4	
1/2	2,444.76	1/2	2,688.29	1/2	2,931.82	1/2	3,175.34	1/2	3,418.87	1/2	3,662.40	1/2	3,905.93	1/2	4,130.58	1/2		1/2	
3/4	2,449.83	3/4	2,693.36	3/4	2,936.89	3/4	3,180.42	3/4	3,423.95	3/4	3,667.47	3/4	3,911.00	3/4	4,132.61	3/4		3/4	
4	2,454.91	4	2,698.44	4	2,941.96	4	3,185.49	4	3,429.02	4	3,672.55	4	3,916.08	4	4,134.64	4		4	
1/4	2,459.98	1/4	2,703.51	1/4	2,947.04	1/4	3,190.56	1/4	3,434.09	1/4	3,677.62	1/4	3,921.15	1/4	4,135.65	1/4		1/4	
1/2	2,465.05	1/2	2,708.58	1/2	2,952.11	1/2	3,195.64	1/2	3,439.17	1/2	3,682.69	1/2	3,926.22	1/2	4,136.67	1/2		1/2	
3/4	2,470.13	3/4	2,713.66	3/4	2,957.18	3/4	3,200.71	3/4	3,444.24	3/4	3,687.77	3/4	3,931.30	3/4	4,137.68	3/4		3/4	
5	2,475.20	5	2,718.73	5	2,962.26	5	3,205.79	5	3,449.31	5	3,692.84	5	3,936.37	5	4,138.70	5		5	
1/4	2,480.27	1/4	2,723.80	1/4	2,967.33	1/4	3,210.86	1/4	3,454.39	1/4	3,697.91	1/4	3,941.44	1/4	4,138.95	1/4		1/4	
1/2	2,485.35	1/2	2,728.88	1/2	2,972.40	1/2	3,215.93	1/2	3,459.46	1/2	3,702.99	1/2	3,946.52	1/2	4,139.20	1/2		1/2	
3/4	2,490.42	3/4	2,733.95	3/4	2,977.48	3/4	3,221.01	3/4	3,464.53	3/4	3,708.06	3/4	3,951.59	3/4		3/4		3/4	
6	2,495.50	6	2,739.02	6	2,982.55	6	3,226.08	6	3,469.61	6	3,713.14	6	3,956.66	6		6		6	
1/4	2,500.57	1/4	2,744.10	1/4	2,987.62	1/4	3,231.15	1/4	3,474.68	1/4	3,718.21	1/4	3,961.74	1/4		1/4		1/4	
1/2	2,505.64	1/2	2,749.17	1/2	2,992.70	1/2	3,236.23	1/2	3,479.75	1/2	3,723.28	1/2	3,966.81	1/2		1/2		1/2	
3/4	2,510.72	3/4	2,754.24	3/4	2,997.77	3/4	3,241.30	3/4	3,484.83	3/4	3,728.36	3/4	3,971.88	3/4		3/4		3/4	
7	2,515.79	7	2,759.32	7	3,002.85	7	3,246.37	7	3,489.90	7	3,733.43	7	3,976.96	7		7		7	
1/4	2,520.86	1/4	2,764.39	1/4	3,007.92	1/4	3,251.45	1/4	3,494.97	1/4	3,738.50	1/4	3,982.03	1/4		1/4		1/4	
1/2	2,525.94	1/2	2,769.46	1/2	3,012.99	1/2	3,256.52	1/2	3,500.05	1/2	3,743.58	1/2	3,987.10	1/2		1/2		1/2	
3/4	2,531.01	3/4	2,774.54	3/4	3,018.07	3/4	3,261.59	3/4	3,505.12	3/4	3,748.65	3/4	3,992.18	3/4		3/4		3/4	
8	2,536.08	8	2,779.61	8	3,023.14	8	3,266.67	8	3,510.20	8	3,753.72	8	3,997.25	8		8		8	
1/4	2,541.16	1/4	2,784.68	1/4	3,028.21	1/4	3,271.74	1/4	3,515.27	1/4	3,758.80	1/4	4,002.32	1/4		1/4		1/4	
1/2	2,546.23	1/2	2,789.76	1/2	3,033.29	1/2	3,276.81	1/2	3,520.34	1/2	3,763.87	1/2	4,007.40	1/2		1/2		1/2	
3/4	2,551.30	3/4	2,794.83	3/4	3,038.36	3/4	3,281.89	3/4	3,525.42	3/4	3,768.94	3/4	4,012.47	3/4		3/4		3/4	
9	2,556.38	9	2,799.91	9	3,043.43	9	3,286.96	9	3,530.49	9	3,774.02	9	4,017.55	9		9		9	
1/4	2,561.45	1/4	2,804.98	1/4	3,048.51	1/4	3,292.03	1/4	3,535.56	1/4	3,779.09	1/4	4,022.62	1/4		1/4		1/4	
1/2	2,566.52	1/2	2,810.05	1/2	3,053.58	1/2	3,297.11	1/2	3,540.64	1/2	3,784.16	1/2	4,027.69	1/2		1/2		1/2	
3/4	2,571.60	3/4	2,815.13	3/4	3,058.65	3/4	3,302.18	3/4	3,545.71	3/4	3,789.24	3/4	4,032.77	3/4		3/4		3/4	
10	2,576.67	10	2,820.20	10	3,063.73	10	3,307.26	10	3,550.78	10	3,794.31	10	4,037.84	10		10		10	
1/4	2,581.74	1/4	2,825.27	1/4	3,068.80	1/4	3,312.33	1/4	3,555.86	1/4	3,799.38	1/4	4,042.91	1/4		1/4		1/4	
1/2	2,586.82	1/2	2,830.35	1/2	3,073.87	1/2	3,317.40	1/2	3,560.93	1/2	3,804.46	1/2	4,047.99	1/2		1/2		1/2	
3/4	2,591.89	3/4	2,835.42	3/4	3,078.95	3/4	3,322.48	3/4	3,566.00	3/4	3,809.53	3/4	4,053.06	3/4		3/4		3/4	
11	2,596.97	11	2,840.49	11	3,084.02	11	3,327.55	11	3,571.08	11	3,814.61	11	4,058.13	11		11		11	
1/4	2,602.04	1/4	2,845.57	1/4	3,089.09	1/4	3,332.62	1/4	3,576.15	1/4	3,819.68	1/4	4,063.19	1/4		1/4		1/4	
1/2	2,607.11	1/2	2,850.64	1/2	3,094.17	1/2	3,337.70	1/2	3,581.22	1/2	3,824.75	1/2	4,068.25	1/2		1/2		1/2	
3/4	2,612.19	3/4	2,855.71	3/4	3,099.24	3/4	3,342.77	3/4	3,586.30	3/4	3,829.83	3/4	4,073.31	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/30/2019 JS
CALCULATED: 06/01/2019 CL
PRINTED: 06/01/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
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