



# BARGE: DBL 253

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/2	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 ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-01'



# BARGE "DBL 253"

# 1 CENTER ULLAGE 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	0	3,878.17	0	3,657.36	0	3,436.55	0	3,215.74	0	2,994.93	0	2,774.12	0	2,553.31	0	2,309.62		
1/4	1/4	1/4	3,873.57	1/4	3,652.76	1/4	3,431.95	1/4	3,211.14	1/4	2,990.33	1/4	2,769.52	1/4	2,548.71	1/4	2,304.39		
1/2	1/2	1/2	4,061.86	1/2	3,868.97	1/2	3,648.16	1/2	3,427.35	1/2	3,206.54	1/2	2,985.73	1/2	2,764.92	1/2	2,544.11	1/2	2,299.15
3/4	3/4	3/4	4,061.60	3/4	3,864.37	3/4	3,643.56	3/4	3,422.75	3/4	3,201.94	3/4	2,981.13	3/4	2,760.32	3/4	2,539.51	3/4	2,293.92
1	1	1	4,061.34	1	3,859.77	1	3,638.96	1	3,418.15	1	3,197.34	1	2,976.53	1	2,755.72	1	2,534.91	1	2,288.68
1/4	1/4	1/4	4,060.29	1/4	3,855.17	1/4	3,634.36	1/4	3,413.55	1/4	3,192.74	1/4	2,971.93	1/4	2,751.12	1/4	2,530.31	1/4	2,283.45
1/2	1/2	1/2	4,059.24	1/2	3,850.57	1/2	3,629.76	1/2	3,408.95	1/2	3,188.14	1/2	2,967.33	1/2	2,746.52	1/2	2,525.71	1/2	2,278.21
3/4	3/4	3/4	4,058.19	3/4	3,845.97	3/4	3,625.16	3/4	3,404.35	3/4	3,183.54	3/4	2,962.73	3/4	2,741.92	3/4	2,521.11	3/4	2,272.97
2	2	2	4,057.14	2	3,841.37	2	3,620.56	2	3,399.75	2	3,178.94	2	2,958.13	2	2,737.32	2	2,516.51	2	2,267.54
1/4	1/4	1/4	4,055.05	1/4	3,836.77	1/4	3,615.96	1/4	3,395.15	1/4	3,174.34	1/4	2,953.53	1/4	2,732.72	1/4	2,511.91	1/4	2,262.50
1/2	1/2	1/2	4,052.95	1/2	3,832.17	1/2	3,611.36	1/2	3,390.55	1/2	3,169.74	1/2	2,948.93	1/2	2,728.12	1/2	2,507.31	1/2	2,257.27
3/4	3/4	3/4	4,050.85	3/4	3,827.57	3/4	3,606.76	3/4	3,385.95	3/4	3,165.14	3/4	2,944.33	3/4	2,723.52	3/4	2,502.71	3/4	2,252.03
3	3	3	4,048.75	3	3,822.97	3	3,602.16	3	3,381.35	3	3,160.54	3	2,939.73	3	2,718.92	3	2,498.11	3	2,246.80
1/4	1/4	1/4	4,045.60	1/4	3,818.37	1/4	3,597.56	1/4	3,376.75	1/4	3,155.94	1/4	2,935.13	1/4	2,714.32	1/4	2,492.87	1/4	2,241.56
1/2	1/2	1/2	4,042.45	1/2	3,813.77	1/2	3,592.96	1/2	3,372.15	1/2	3,151.34	1/2	2,930.53	1/2	2,709.72	1/2	2,487.64	1/2	2,236.32
3/4	3/4	3/4	4,039.30	3/4	3,809.17	3/4	3,588.36	3/4	3,367.55	3/4	3,146.74	3/4	2,925.93	3/4	2,705.12	3/4	2,482.40	3/4	2,231.09
4	4	4	4,036.15	4	3,804.57	4	3,583.76	4	3,362.95	4	3,142.14	4	2,921.33	4	2,700.52	4	2,477.17	4	2,225.85
1/4	1/4	1/4	4,031.95	1/4	3,799.97	1/4	3,579.16	1/4	3,358.35	1/4	3,137.54	1/4	2,916.73	1/4	2,695.92	1/4	2,471.93	1/4	2,220.62
1/2	1/2	1/2	4,027.75	1/2	3,795.37	1/2	3,574.56	1/2	3,353.75	1/2	3,132.94	1/2	2,912.13	1/2	2,691.32	1/2	2,466.70	1/2	2,215.38
3/4	3/4	3/4	4,023.55	3/4	3,790.77	3/4	3,569.96	3/4	3,349.15	3/4	3,128.34	3/4	2,907.53	3/4	2,686.72	3/4	2,461.46	3/4	2,210.15
5	5	5	4,019.35	5	3,786.17	5	3,565.36	5	3,344.55	5	3,123.74	5	2,902.93	5	2,682.12	5	2,456.22	5	2,204.91
1/4	1/4	1/4	4,014.24	1/4	3,781.57	1/4	3,560.76	1/4	3,339.95	1/4	3,119.14	1/4	2,898.33	1/4	2,677.52	1/4	2,450.99	1/4	2,199.67
1/2	1/2	1/2	4,009.14	1/2	3,776.97	1/2	3,556.16	1/2	3,335.35	1/2	3,114.54	1/2	2,893.73	1/2	2,672.92	1/2	2,445.75	1/2	2,194.44
3/4	3/4	3/4	4,004.03	3/4	3,772.37	3/4	3,551.56	3/4	3,330.75	3/4	3,109.94	3/4	2,889.13	3/4	2,668.32	3/4	2,440.52	3/4	2,189.20
6	6	6	3,998.92	6	3,767.76	6	3,546.96	6	3,326.15	6	3,105.34	6	2,884.53	6	2,663.72	6	2,435.28	6	2,183.97
1/4	1/4	1/4	3,993.68	1/4	3,763.16	1/4	3,542.36	1/4	3,321.55	1/4	3,100.74	1/4	2,879.93	1/4	2,659.12	1/4	2,430.05	1/4	2,178.73
1/2	1/2	1/2	3,988.44	1/2	3,758.56	1/2	3,537.75	1/2	3,316.95	1/2	3,096.14	1/2	2,875.33	1/2	2,654.52	1/2	2,424.81	1/2	2,173.50
3/4	3/4	3/4	3,983.20	3/4	3,753.96	3/4	3,533.15	3/4	3,312.35	3/4	3,091.54	3/4	2,870.73	3/4	2,649.92	3/4	2,419.57	3/4	2,168.26
7	7	7	3,977.95	7	3,749.36	7	3,528.55	7	3,307.74	7	3,086.94	7	2,866.13	7	2,645.32	7	2,414.34	7	2,163.02
1/4	1/4	1/4	3,972.70	1/4	3,744.76	1/4	3,523.95	1/4	3,303.14	1/4	3,082.34	1/4	2,861.53	1/4	2,640.72	1/4	2,409.10	1/4	2,157.79
1/2	1/2	1/2	3,967.46	1/2	3,740.16	1/2	3,519.35	1/2	3,298.54	1/2	3,077.73	1/2	2,856.93	1/2	2,636.12	1/2	2,403.87	1/2	2,152.55
3/4	3/4	3/4	3,962.21	3/4	3,735.56	3/4	3,514.75	3/4	3,293.94	3/4	3,073.13	3/4	2,852.33	3/4	2,631.52	3/4	2,398.63	3/4	2,147.32
8	8	8	3,956.96	8	3,730.96	8	3,510.15	8	3,289.34	8	3,068.53	8	2,847.72	8	2,626.92	8	2,393.40	8	2,142.08
1/4	1/4	1/4	3,951.71	1/4	3,726.36	1/4	3,505.55	1/4	3,284.74	1/4	3,063.93	1/4	2,843.12	1/4	2,622.32	1/4	2,388.16	1/4	2,136.85
1/2	1/2	1/2	3,946.46	1/2	3,721.76	1/2	3,500.95	1/2	3,280.14	1/2	3,059.33	1/2	2,838.52	1/2	2,617.71	1/2	2,382.92	1/2	2,131.61
3/4	3/4	3/4	3,941.21	3/4	3,717.16	3/4	3,496.35	3/4	3,275.54	3/4	3,054.73	3/4	2,833.92	3/4	2,613.11	3/4	2,377.69	3/4	2,126.38
9	9	9	3,935.97	9	3,712.56	9	3,491.75	9	3,270.94	9	3,050.13	9	2,829.32	9	2,608.51	9	2,372.45	9	2,121.15
1/4	1/4	1/4	3,930.72	1/4	3,707.96	1/4	3,487.15	1/4	3,266.34	1/4	3,045.53	1/4	2,824.72	1/4	2,603.91	1/4	2,367.22	1/4	2,115.91
1/2	1/2	1/2	3,925.47	1/2	3,703.36	1/2	3,482.55	1/2	3,261.74	1/2	3,040.93	1/2	2,820.12	1/2	2,599.31	1/2	2,361.98	1/2	2,110.68
3/4	3/4	3/4	3,920.22	3/4	3,698.76	3/4	3,477.95	3/4	3,257.14	3/4	3,036.33	3/4	2,815.52	3/4	2,594.71	3/4	2,356.75	3/4	2,105.45
10	10	10	3,914.97	10	3,694.16	10	3,473.35	10	3,252.54	10	3,031.73	10	2,810.92	10	2,590.11	10	2,351.51	10	2,100.21
1/4	1/4	1/4	3,910.37	1/4	3,689.56	1/4	3,468.75	1/4	3,247.94	1/4	3,027.13	1/4	2,806.32	1/4	2,585.51	1/4	2,346.27	1/4	2,094.98
1/2	1/2	1/2	3,905.77	1/2	3,684.96	1/2	3,464.15	1/2	3,243.34	1/2	3,022.53	1/2	2,801.72	1/2	2,580.91	1/2	2,341.04	1/2	2,089.75
3/4	3/4	3/4	3,901.17	3/4	3,680.36	3/4	3,459.55	3/4	3,238.74	3/4	3,017.93	3/4	2,797.12	3/4	2,576.31	3/4	2,335.80	3/4	2,084.52
11	11	11	3,896.57	11	3,675.76	11	3,454.95	11	3,234.14	11	3,013.33	11	2,792.52	11	2,571.71	11	2,330.57	11	2,079.28
1/4	1/4	1/4	3,891.97	1/4	3,671.16	1/4	3,450.35	1/4	3,229.54	1/4	3,008.73	1/4	2,787.92	1/4	2,567.11	1/4	2,325.33	1/4	2,074.05
1/2	1/2	1/2	3,887.37	1/2	3,666.56	1/2	3,445.75	1/2	3,224.94	1/2	3,004.13	1/2	2,783.32	1/2	2,562.51	1/2	2,320.10	1/2	2,068.82
3/4	3/4	3/4	3,882.77	3/4	3,661.96	3/4	3,441.15	3/4	3,220.34	3/4	2,999.53	3/4	2,778.72	3/4	2,557.91	3/4	2,314.86	3/4	2,063.59

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN 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 ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-06"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,053.12	1/4	1,801.80	1/4	1,551.25	1/4	1,300.45	1/4	1,049.21	1/4	798.82	1/4	553.74	1/4	302.11	1/4	53.08	1/4	
1/2	2,047.89	1/2	1,796.57	1/2	1,546.04	1/2	1,295.21	1/2	1,043.97	1/2	793.77	1/2	548.50	1/2	296.86	1/2	48.65	1/2	
3/4	2,042.66	3/4	1,791.33	3/4	1,540.84	3/4	1,289.98	3/4	1,038.74	3/4	788.71	3/4	543.26	3/4	291.61	3/4	44.22	3/4	
1	2,037.42	1	1,786.09	1	1,535.63	1	1,284.74	1	1,033.50	1	783.65	1	538.02	1	286.36	1	39.79	1	
1/4	2,032.19	1/4	1,780.86	1/4	1,530.43	1/4	1,279.51	1/4	1,028.27	1/4	778.59	1/4	532.78	1/4	281.11	1/4	36.34	1/4	
1/2	2,026.96	1/2	1,775.62	1/2	1,525.22	1/2	1,274.28	1/2	1,023.03	1/2	773.53	1/2	527.55	1/2	275.86	1/2	32.89	1/2	
3/4	2,021.72	3/4	1,770.38	3/4	1,520.02	3/4	1,269.04	3/4	1,017.80	3/4	768.48	3/4	522.31	3/4	270.61	3/4	29.44	3/4	
2	2,016.49	2	1,765.15	2	1,514.81	2	1,263.81	2	1,012.57	2	763.42	2	517.07	2	265.37	2	25.99	2	
1/4	2,011.26	1/4	1,759.91	1/4	1,509.61	1/4	1,258.57	1/4	1,007.33	1/4	758.37	1/4	511.83	1/4	260.12	1/4	23.52	1/4	
1/2	2,006.02	1/2	1,754.67	1/2	1,504.40	1/2	1,253.34	1/2	1,002.10	1/2	753.31	1/2	506.59	1/2	254.86	1/2	21.05	1/2	
3/4	2,000.79	3/4	1,749.44	3/4	1,499.20	3/4	1,248.11	3/4	996.86	3/4	748.25	3/4	501.35	3/4	249.61	3/4	18.58	3/4	
3	1,995.56	3	1,744.20	3	1,493.99	3	1,242.87	3	991.63	3	743.20	3	496.11	3	244.36	3	16.12	3	
1/4	1,990.32	1/4	1,738.96	1/4	1,488.79	1/4	1,237.64	1/4	986.40	1/4	738.14	1/4	490.87	1/4	239.11	1/4	13.93	1/4	
1/2	1,985.08	1/2	1,733.73	1/2	1,483.59	1/2	1,232.40	1/2	981.16	1/2	733.09	1/2	485.64	1/2	233.86	1/2	11.74	1/2	
3/4	1,979.85	3/4	1,728.49	3/4	1,478.38	3/4	1,227.17	3/4	975.93	3/4	728.03	3/4	480.40	3/4	228.61	3/4	9.55	3/4	
4	1,974.61	4	1,723.25	4	1,473.18	4	1,221.93	4	970.69	4	722.97	4	475.16	4	223.36	4	7.37	4	
1/4	1,969.37	1/4	1,718.02	1/4	1,467.94	1/4	1,216.70	1/4	965.46	1/4	717.92	1/4	469.92	1/4	218.11	1/4	6.05	1/4	
1/2	1,964.14	1/2	1,712.78	1/2	1,462.71	1/2	1,211.47	1/2	960.22	1/2	712.86	1/2	464.69	1/2	212.86	1/2	4.74	1/2	
3/4	1,958.90	3/4	1,707.54	3/4	1,457.47	3/4	1,206.23	3/4	954.99	3/4	707.81	3/4	459.59	3/4	207.61	3/4	3.43	3/4	
5	1,953.66	5	1,702.31	5	1,452.24	5	1,201.00	5	949.76	5	702.75	5	454.22	5	202.36	5	2.12	5	
1/4	1,948.43	1/4	1,697.07	1/4	1,447.01	1/4	1,195.76	1/4	944.52	1/4	697.69	1/4	448.98	1/4	197.11	1/4	1.68	1/4	
1/2	1,943.19	1/2	1,691.83	1/2	1,441.77	1/2	1,190.53	1/2	939.29	1/2	692.64	1/2	443.74	1/2	191.86	1/2	1.24	1/2	
3/4	1,937.95	3/4	1,686.60	3/4	1,436.54	3/4	1,185.30	3/4	934.05	3/4	687.58	3/4	438.51	3/4	186.61	3/4	0.80	3/4	
6	1,932.72	6	1,681.36	6	1,431.30	6	1,180.06	6	928.82	6	682.53	6	433.27	6	181.36	6	0.37	6	
1/4	1,927.48	1/4	1,676.16	1/4	1,426.07	1/4	1,174.83	1/4	923.59	1/4	677.47	1/4	428.03	1/4	176.11	1/4		1/4	
1/2	1,922.24	1/2	1,670.95	1/2	1,420.83	1/2	1,169.59	1/2	918.35	1/2	672.41	1/2	422.79	1/2	170.86	1/2		1/2	
3/4	1,917.01	3/4	1,665.75	3/4	1,415.60	3/4	1,164.36	3/4	913.12	3/4	667.36	3/4	417.56	3/4	165.61	3/4		3/4	
7	1,911.77	7	1,660.54	7	1,410.37	7	1,159.12	7	907.88	7	662.30	7	412.32	7	160.36	7		7	
1/4	1,906.53	1/4	1,655.34	1/4	1,405.13	1/4	1,153.89	1/4	902.65	1/4	657.25	1/4	407.08	1/4	155.11	1/4		1/4	
1/2	1,901.30	1/2	1,650.13	1/2	1,399.90	1/2	1,148.66	1/2	897.41	1/2	652.19	1/2	401.84	1/2	149.86	1/2		1/2	
3/4	1,896.06	3/4	1,644.93	3/4	1,394.66	3/4	1,143.42	3/4	892.18	3/4	647.13	3/4	396.60	3/4	144.61	3/4		3/4	
8	1,890.82	8	1,639.72	8	1,389.43	8	1,138.19	8	886.95	8	642.08	8	391.36	8	139.35	8		8	
1/4	1,885.59	1/4	1,634.52	1/4	1,384.19	1/4	1,132.95	1/4	881.71	1/4	637.02	1/4	386.11	1/4	134.10	1/4		1/4	
1/2	1,880.35	1/2	1,629.31	1/2	1,378.96	1/2	1,127.72	1/2	876.48	1/2	631.96	1/2	380.86	1/2	128.85	1/2		1/2	
3/4	1,875.11	3/4	1,624.11	3/4	1,373.73	3/4	1,122.48	3/4	871.24	3/4	626.90	3/4	375.61	3/4	123.60	3/4		3/4	
9	1,869.88	9	1,618.90	9	1,368.49	9	1,117.25	9	866.01	9	621.84	9	370.36	9	118.35	9		9	
1/4	1,864.64	1/4	1,613.70	1/4	1,363.26	1/4	1,112.02	1/4	860.77	1/4	616.60	1/4	365.11	1/4	113.16	1/4		1/4	
1/2	1,859.40	1/2	1,608.50	1/2	1,358.02	1/2	1,106.78	1/2	855.54	1/2	611.36	1/2	359.86	1/2	107.96	1/2		1/2	
3/4	1,854.17	3/4	1,603.29	3/4	1,352.79	3/4	1,101.55	3/4	850.31	3/4	606.13	3/4	354.61	3/4	102.77	3/4		3/4	
10	1,848.93	10	1,598.09	10	1,347.56	10	1,096.31	10	845.07	10	600.89	10	349.36	10	97.57	10		10	
1/4	1,843.69	1/4	1,592.88	1/4	1,342.32	1/4	1,091.08	1/4	839.84	1/4	595.65	1/4	344.11	1/4	92.50	1/4		1/4	
1/2	1,838.46	1/2	1,587.68	1/2	1,337.09	1/2	1,085.85	1/2	834.60	1/2	590.41	1/2	338.86	1/2	87.42	1/2		1/2	
3/4	1,833.22	3/4	1,582.47	3/4	1,331.85	3/4	1,080.61	3/4	829.37	3/4	585.17	3/4	333.61	3/4	82.34	3/4		3/4	
11	1,827.98	11	1,577.27	11	1,326.62	11	1,075.38	11	824.14	11	579.93	11	328.36	11	77.27	11		11	
1/4	1,822.75	1/4	1,572.06	1/4	1,321.38	1/4	1,070.14	1/4	819.07	1/4	574.69	1/4	323.11	1/4	72.33	1/4		1/4	
1/2	1,817.51	1/2	1,566.86	1/2	1,316.15	1/2	1,064.91	1/2	814.01	1/2	569.46	1/2	317.86	1/2	67.39	1/2		1/2	
3/4	1,812.28	3/4	1,561.65	3/4	1,310.92	3/4	1,059.67	3/4	808.95	3/4	564.22	3/4	312.61	3/4	62.45	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.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "DBL 253"

# 2 CENTER ULLAGE 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	0	0	0	4,670.64	0	4,382.75	0	4,094.86	0	3,806.97	0	3,519.08	0	3,231.20	0	2,943.31	0	2,655.42		
1/4	1/4	1/4	1/4	1/4	4,664.65	1/4	4,376.76	1/4	4,088.87	1/4	3,800.98	1/4	3,513.09	1/4	3,225.20	1/4	2,937.31	1/4	2,649.42		
1/2	1/2	1/2	1/2	1/2	4,886.46	1/2	4,658.65	1/2	4,370.76	1/2	4,082.87	1/2	3,794.98	1/2	3,507.09	1/2	3,219.20	1/2	2,931.31	1/2	2,643.42
3/4	3/4	3/4	3/4	3/4	4,886.16	3/4	4,652.65	3/4	4,364.76	3/4	4,076.87	3/4	3,788.98	3/4	3,501.09	3/4	3,213.20	3/4	2,925.31	3/4	2,637.42
1	1	1	1	1	4,885.86	1	4,646.65	1	4,358.76	1	4,070.87	1	3,782.98	1	3,495.09	1	3,207.20	1	2,919.31	1	2,631.43
1/4	1/4	1/4	1/4	1/4	4,884.66	1/4	4,640.65	1/4	4,352.77	1/4	4,064.88	1/4	3,776.99	1/4	3,489.10	1/4	3,201.21	1/4	2,913.32	1/4	2,625.43
1/2	1/2	1/2	1/2	1/2	4,883.46	1/2	4,634.66	1/2	4,346.77	1/2	4,058.88	1/2	3,770.99	1/2	3,483.10	1/2	3,195.21	1/2	2,907.32	1/2	2,619.43
3/4	3/4	3/4	3/4	3/4	4,882.26	3/4	4,628.66	3/4	4,340.77	3/4	4,052.88	3/4	3,764.99	3/4	3,477.10	3/4	3,189.21	3/4	2,901.32	3/4	2,613.43
2	2	2	2	2	4,881.06	2	4,622.66	2	4,334.77	2	4,046.88	2	3,758.99	2	3,471.10	2	3,183.21	2	2,895.32	2	2,607.43
1/4	1/4	1/4	1/4	1/4	4,880.66	1/4	4,616.66	1/4	4,328.77	1/4	4,040.88	1/4	3,753.00	1/4	3,465.11	1/4	3,177.22	1/4	2,889.33	1/4	2,601.44
1/2	1/2	1/2	1/2	1/2	4,876.26	1/2	4,610.67	1/2	4,322.78	1/2	4,034.89	1/2	3,747.00	1/2	3,459.11	1/2	3,171.22	1/2	2,883.33	1/2	2,595.44
3/4	3/4	3/4	3/4	3/4	4,873.87	3/4	4,604.67	3/4	4,316.78	3/4	4,028.89	3/4	3,741.00	3/4	3,453.11	3/4	3,165.22	3/4	2,877.33	3/4	2,589.44
3	3	3	3	3	4,871.47	3	4,598.67	3	4,310.78	3	4,022.89	3	3,735.00	3	3,447.11	3	3,159.22	3	2,871.33	3	2,583.44
1/4	1/4	1/4	1/4	1/4	4,870.67	1/4	4,592.67	1/4	4,304.78	1/4	4,016.89	1/4	3,729.00	1/4	3,441.11	1/4	3,153.23	1/4	2,865.34	1/4	2,577.45
1/2	1/2	1/2	1/2	1/2	4,864.27	1/2	4,586.68	1/2	4,298.79	1/2	4,010.90	1/2	3,723.01	1/2	3,435.12	1/2	3,147.23	1/2	2,859.34	1/2	2,571.45
3/4	3/4	3/4	3/4	3/4	4,860.67	3/4	4,580.68	3/4	4,292.79	3/4	4,004.90	3/4	3,717.01	3/4	3,429.12	3/4	3,141.23	3/4	2,853.34	3/4	2,565.45
4	4	4	4	4	4,857.07	4	4,574.68	4	4,286.79	4	3,998.90	4	3,711.01	4	3,423.12	4	3,135.23	4	2,847.34	4	2,559.45
1/4	1/4	1/4	1/4	1/4	4,852.27	1/4	4,568.68	1/4	4,280.79	1/4	3,992.90	1/4	3,705.01	1/4	3,417.12	1/4	3,129.23	1/4	2,841.34	1/4	2,553.46
1/2	1/2	1/2	1/2	1/2	4,847.48	1/2	4,562.68	1/2	4,274.80	1/2	3,986.91	1/2	3,699.02	1/2	3,411.13	1/2	3,123.24	1/2	2,835.35	1/2	2,547.46
3/4	3/4	3/4	3/4	3/4	4,842.68	3/4	4,556.69	3/4	4,268.80	3/4	3,980.91	3/4	3,693.02	3/4	3,405.13	3/4	3,117.24	3/4	2,829.35	3/4	2,541.46
5	5	5	5	5	4,837.88	5	4,550.69	5	4,262.80	5	3,974.91	5	3,687.02	5	3,399.13	5	3,111.24	5	2,823.35	5	2,535.46
1/4	1/4	1/4	1/4	1/4	4,832.05	1/4	4,544.69	1/4	4,256.80	1/4	3,968.91	1/4	3,681.02	1/4	3,393.13	1/4	3,105.24	1/4	2,817.35	1/4	2,529.46
1/2	1/2	1/2	1/2	1/2	4,826.21	1/2	4,538.69	1/2	4,250.80	1/2	3,962.91	1/2	3,675.03	1/2	3,387.14	1/2	3,099.25	1/2	2,811.36	1/2	2,523.47
3/4	3/4	3/4	3/4	3/4	4,820.38	3/4	4,532.70	3/4	4,244.81	3/4	3,956.92	3/4	3,669.03	3/4	3,381.14	3/4	3,093.25	3/4	2,805.36	3/4	2,517.47
6	6	6	6	6	4,814.54	6	4,526.70	6	4,238.81	6	3,950.92	6	3,663.03	6	3,375.14	6	3,087.25	6	2,799.36	6	2,511.47
1/4	1/4	1/4	1/4	1/4	4,808.55	1/4	4,520.70	1/4	4,232.81	1/4	3,944.92	1/4	3,657.03	1/4	3,369.14	1/4	3,081.25	1/4	2,793.36	1/4	2,505.47
1/2	1/2	1/2	1/2	1/2	4,802.57	1/2	4,514.70	1/2	4,226.81	1/2	3,938.92	1/2	3,651.03	1/2	3,363.14	1/2	3,075.26	1/2	2,787.37	1/2	2,499.48
3/4	3/4	3/4	3/4	3/4	4,796.58	3/4	4,508.71	3/4	4,220.82	3/4	3,932.93	3/4	3,645.04	3/4	3,357.15	3/4	3,069.26	3/4	2,781.37	3/4	2,493.48
7	7	7	7	7	4,790.60	7	4,502.71	7	4,214.82	7	3,926.93	7	3,639.04	7	3,351.15	7	3,063.26	7	2,775.37	7	2,487.48
1/4	1/4	1/4	1/4	1/4	4,784.60	1/4	4,496.71	1/4	4,208.82	1/4	3,920.93	1/4	3,633.04	1/4	3,345.15	1/4	3,057.26	1/4	2,769.37	1/4	2,481.48
1/2	1/2	1/2	1/2	1/2	4,778.60	1/2	4,490.71	1/2	4,202.82	1/2	3,914.93	1/2	3,627.04	1/2	3,339.15	1/2	3,051.26	1/2	2,763.37	1/2	2,475.49
3/4	3/4	3/4	3/4	3/4	4,772.60	3/4	4,484.71	3/4	4,196.83	3/4	3,908.94	3/4	3,621.05	3/4	3,333.16	3/4	3,045.27	3/4	2,757.38	3/4	2,469.49
8	8	8	8	8	4,766.61	8	4,478.72	8	4,190.83	8	3,902.94	8	3,615.05	8	3,327.16	8	3,039.27	8	2,751.38	8	2,463.49
1/4	1/4	1/4	1/4	1/4	4,760.61	1/4	4,472.72	1/4	4,184.83	1/4	3,896.94	1/4	3,609.05	1/4	3,321.16	1/4	3,033.27	1/4	2,745.38	1/4	2,457.49
1/2	1/2	1/2	1/2	1/2	4,754.61	1/2	4,466.72	1/2	4,178.83	1/2	3,890.94	1/2	3,603.05	1/2	3,315.16	1/2	3,027.27	1/2	2,739.38	1/2	2,451.49
3/4	3/4	3/4	3/4	3/4	4,748.61	3/4	4,460.72	3/4	4,172.83	3/4	3,884.94	3/4	3,597.06	3/4	3,309.17	3/4	3,021.28	3/4	2,733.39	3/4	2,445.50
9	9	9	9	9	4,742.62	9	4,454.73	9	4,166.84	9	3,878.95	9	3,591.06	9	3,303.17	9	3,015.28	9	2,727.39	9	2,439.50
1/4	1/4	1/4	1/4	1/4	4,736.62	1/4	4,448.73	1/4	4,160.84	1/4	3,872.95	1/4	3,585.06	1/4	3,297.17	1/4	3,009.28	1/4	2,721.39	1/4	2,433.50
1/2	1/2	1/2	1/2	1/2	4,730.62	1/2	4,442.73	1/2	4,154.84	1/2	3,866.95	1/2	3,579.06	1/2	3,291.17	1/2	3,003.28	1/2	2,715.39	1/2	2,427.50
3/4	3/4	3/4	3/4	3/4	4,724.62	3/4	4,436.73	3/4	4,148.84	3/4	3,860.95	3/4	3,573.06	3/4	3,285.17	3/4	2,997.29	3/4	2,709.40	3/4	2,421.51
10	10	10	10	10	4,718.62	10	4,430.74	10	4,142.85	10	3,854.96	10	3,567.07	10	3,279.18	10	2,991.29	10	2,703.40	10	2,415.51
1/4	1/4	1/4	1/4	1/4	4,712.63	1/4	4,424.74	1/4	4,136.85	1/4	3,848.96	1/4	3,561.07	1/4	3,273.18	1/4	2,985.29	1/4	2,697.40	1/4	2,409.51
1/2	1/2	1/2	1/2	1/2	4,706.63	1/2	4,418.74	1/2	4,130.85	1/2	3,842.96	1/2	3,555.07	1/2	3,267.18	1/2	2,979.29	1/2	2,691.40	1/2	2,403.51
3/4	3/4	3/4	3/4	3/4	4,700.63	3/4	4,412.74	3/4	4,124.85	3/4	3,836.96	3/4	3,549.07	3/4	3,261.18	3/4	2,973.29	3/4	2,685.40	3/4	2,397.52
11	11	11	11	11	4,694.63	11	4,406.74	11	4,118.85	11	3,830.97	11	3,543.08	11	3,255.19	11	2,967.30	11	2,679.41	11	2,391.52
1/4	1/4	1/4	1/4	1/4	4,688.64	1/4	4,400.75	1/4	4,112.86	1/4	3,824.97	1/4	3,537.08	1/4	3,249.19	1/4	2,961.30	1/4	2,673.41	1/4	2,385.52
1/2	1/2	1/2	1/2	1/2	4,682.64	1/2	4,394.75	1/2	4,106.86	1/2	3,818.97	1/2	3,531.08	1/2	3,243.19	1/2	2,955.30	1/2	2,667.41	1/2	2,379.52
3/4	3/4	3/4	3/4	3/4	4,676.64	3/4	4,388.75	3/4	4,100.86	3/4	3,812.97	3/4	3,525.08	3/4	3,237.19	3/4	2,949.30	3/4	2,661.41	3/4	2,373.52

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN 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 ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-06"

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	2,367.53	0	2,079.64	0	1,791.75	0	1,503.86	0	1,215.97	0	928.08	0	647.83	0	359.95	0	72.32	0	
1/4	2,361.53	1/4	2,073.64	1/4	1,785.75	1/4	1,497.86	1/4	1,209.97	1/4	922.08	1/4	641.83	1/4	353.95	1/4	66.82	1/4	
1/2	2,355.53	1/2	2,067.64	1/2	1,779.75	1/2	1,491.86	1/2	1,203.97	1/2	916.09	1/2	635.84	1/2	347.96	1/2	61.33	1/2	
3/4	2,349.53	3/4	2,061.64	3/4	1,773.75	3/4	1,485.86	3/4	1,197.98	3/4	910.10	3/4	629.84	3/4	341.96	3/4	55.84	3/4	
1	2,343.54	1	2,055.65	1	1,767.76	1	1,479.87	1	1,191.98	1	904.10	1	623.84	1	335.96	1	50.34	1	
1/4	2,337.54	1/4	2,049.65	1/4	1,761.76	1/4	1,473.87	1/4	1,185.98	1/4	898.30	1/4	617.84	1/4	329.96	1/4	45.84	1/4	
1/2	2,331.54	1/2	2,043.65	1/2	1,755.76	1/2	1,467.87	1/2	1,179.98	1/2	892.49	1/2	611.85	1/2	323.97	1/2	41.35	1/2	
3/4	2,325.54	3/4	2,037.65	3/4	1,749.76	3/4	1,461.87	3/4	1,173.98	3/4	886.69	3/4	605.85	3/4	317.97	3/4	36.85	3/4	
2	2,319.54	2	2,031.66	2	1,743.77	2	1,455.88	2	1,167.99	2	880.88	2	599.85	2	311.97	2	32.35	2	
1/4	2,313.55	1/4	2,025.66	1/4	1,737.77	1/4	1,449.88	1/4	1,161.99	1/4	875.08	1/4	593.85	1/4	305.97	1/4	28.85	1/4	
1/2	2,307.55	1/2	2,019.66	1/2	1,731.77	1/2	1,443.88	1/2	1,155.99	1/2	869.27	1/2	587.86	1/2	299.98	1/2	25.35	1/2	
3/4	2,301.55	3/4	2,013.66	3/4	1,725.77	3/4	1,437.88	3/4	1,149.99	3/4	863.47	3/4	581.86	3/4	293.98	3/4	21.86	3/4	
3	2,295.55	3	2,007.66	3	1,719.77	3	1,431.89	3	1,144.00	3	857.66	3	575.86	3	287.98	3	18.36	3	
1/4	2,289.56	1/4	2,001.67	1/4	1,713.78	1/4	1,425.89	1/4	1,138.00	1/4	851.85	1/4	569.86	1/4	281.98	1/4	15.86	1/4	
1/2	2,283.56	1/2	1,995.67	1/2	1,707.78	1/2	1,419.89	1/2	1,132.00	1/2	846.05	1/2	563.87	1/2	275.99	1/2	13.36	1/2	
3/4	2,277.56	3/4	1,989.67	3/4	1,701.78	3/4	1,413.89	3/4	1,126.00	3/4	840.24	3/4	557.87	3/4	269.99	3/4	10.86	3/4	
4	2,271.56	4	1,983.67	4	1,695.78	4	1,407.89	4	1,120.00	4	834.44	4	551.87	4	263.99	4	8.36	4	
1/4	2,265.57	1/4	1,977.68	1/4	1,689.79	1/4	1,401.90	1/4	1,114.01	1/4	828.63	1/4	545.87	1/4	257.99	1/4	6.86	1/4	
1/2	2,259.57	1/2	1,971.68	1/2	1,683.79	1/2	1,395.90	1/2	1,108.01	1/2	822.83	1/2	539.88	1/2	252.00	1/2	5.36	1/2	
3/4	2,253.57	3/4	1,965.68	3/4	1,677.79	3/4	1,389.90	3/4	1,102.01	3/4	817.02	3/4	533.88	3/4	246.00	3/4	3.86	3/4	
5	2,247.57	5	1,959.68	5	1,671.79	5	1,383.90	5	1,096.01	5	811.22	5	527.88	5	240.00	5	2.36	5	
1/4	2,241.57	1/4	1,953.69	1/4	1,665.80	1/4	1,377.91	1/4	1,090.02	1/4	805.41	1/4	521.88	1/4	234.00	1/4	1.87	1/4	
1/2	2,235.58	1/2	1,947.69	1/2	1,659.80	1/2	1,371.91	1/2	1,084.02	1/2	799.60	1/2	515.89	1/2	228.01	1/2	1.37	1/2	
3/4	2,229.58	3/4	1,941.69	3/4	1,653.80	3/4	1,365.91	3/4	1,078.02	3/4	793.80	3/4	509.89	3/4	222.01	3/4	0.87	3/4	
6	2,223.58	6	1,935.69	6	1,647.80	6	1,359.91	6	1,072.02	6	787.99	6	503.89	6	216.01	6	0.37	6	
1/4	2,217.58	1/4	1,929.69	1/4	1,641.80	1/4	1,353.92	1/4	1,066.03	1/4	782.19	1/4	497.89	1/4	210.01	1/4		1/4	
1/2	2,211.59	1/2	1,923.70	1/2	1,635.81	1/2	1,347.92	1/2	1,060.03	1/2	776.38	1/2	491.90	1/2	204.02	1/2		1/2	
3/4	2,205.59	3/4	1,917.70	3/4	1,629.81	3/4	1,341.92	3/4	1,054.03	3/4	770.58	3/4	485.90	3/4	198.02	3/4		3/4	
7	2,199.59	7	1,911.70	7	1,623.81	7	1,335.92	7	1,048.03	7	764.77	7	479.90	7	192.02	7		7	
1/4	2,193.59	1/4	1,905.70	1/4	1,617.81	1/4	1,329.92	1/4	1,042.03	1/4	758.97	1/4	473.90	1/4	186.02	1/4		1/4	
1/2	2,187.60	1/2	1,899.71	1/2	1,611.82	1/2	1,323.93	1/2	1,036.04	1/2	753.16	1/2	467.91	1/2	180.03	1/2		1/2	
3/4	2,181.60	3/4	1,893.71	3/4	1,605.82	3/4	1,317.93	3/4	1,030.04	3/4	747.36	3/4	461.91	3/4	174.03	3/4		3/4	
8	2,175.60	8	1,887.71	8	1,599.82	8	1,311.93	8	1,024.04	8	741.55	8	455.91	8	168.03	8		8	
1/4	2,169.60	1/4	1,881.71	1/4	1,593.82	1/4	1,305.93	1/4	1,018.04	1/4	735.74	1/4	449.91	1/4	162.03	1/4		1/4	
1/2	2,163.60	1/2	1,875.72	1/2	1,587.83	1/2	1,299.94	1/2	1,012.05	1/2	729.93	1/2	443.92	1/2	156.04	1/2		1/2	
3/4	2,157.61	3/4	1,869.72	3/4	1,581.83	3/4	1,293.94	3/4	1,006.05	3/4	724.12	3/4	437.92	3/4	150.04	3/4		3/4	
9	2,151.61	9	1,863.72	9	1,575.83	9	1,287.94	9	1,000.05	9	718.31	9	431.92	9	144.04	9		9	
1/4	2,145.61	1/4	1,857.72	1/4	1,569.83	1/4	1,281.94	1/4	994.05	1/4	712.50	1/4	425.92	1/4	138.04	1/4		1/4	
1/2	2,139.61	1/2	1,851.72	1/2	1,563.83	1/2	1,275.95	1/2	988.06	1/2	706.69	1/2	419.93	1/2	132.05	1/2		1/2	
3/4	2,133.62	3/4	1,845.73	3/4	1,557.84	3/4	1,269.95	3/4	982.06	3/4	700.88	3/4	413.93	3/4	126.05	3/4		3/4	
10	2,127.62	10	1,839.73	10	1,551.84	10	1,263.95	10	976.06	10	695.07	10	407.93	10	120.06	10		10	
1/4	2,121.62	1/4	1,833.73	1/4	1,545.84	1/4	1,257.95	1/4	970.06	1/4	689.26	1/4	401.93	1/4	114.07	1/4		1/4	
1/2	2,115.62	1/2	1,827.73	1/2	1,539.84	1/2	1,251.95	1/2	964.06	1/2	683.44	1/2	395.94	1/2	108.09	1/2		1/2	
3/4	2,109.63	3/4	1,821.74	3/4	1,533.85	3/4	1,245.96	3/4	958.07	3/4	677.63	3/4	389.94	3/4	102.10	3/4		3/4	
11	2,103.63	11	1,815.74	11	1,527.85	11	1,239.96	11	952.07	11	671.82	11	383.94	11	96.12	11		11	
1/4	2,097.63	1/4	1,809.74	1/4	1,521.85	1/4	1,233.96	1/4	946.07	1/4	665.82	1/4	377.94	1/4	90.17	1/4		1/4	
1/2	2,091.63	1/2	1,803.74	1/2	1,515.85	1/2	1,227.96	1/2	940.07	1/2	659.83	1/2	371.95	1/2	84.22	1/2		1/2	
3/4	2,085.63	3/4	1,797.75	3/4	1,509.86	3/4	1,221.97	3/4	934.08	3/4	653.83	3/4	365.95	3/4	78.27	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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# BARGE "DBL 253"

# 3 CENTER ULLAGE 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	4,138.95	0	3,941.44	0	3,697.92	0	3,454.39	0	3,210.86	0	2,967.33	0	2,723.80	0	2,480.28	0	2,236.75		
1/4	1/4	4,138.70	1/4	3,936.37	1/4	3,692.84	1/4	3,449.31	1/4	3,205.79	1/4	2,962.26	1/4	2,718.73	1/4	2,475.20	1/4	2,231.67		
1/2	1/2	4,137.68	1/2	3,931.30	1/2	3,687.77	1/2	3,444.24	1/2	3,200.71	1/2	2,957.18	1/2	2,713.66	1/2	2,470.13	1/2	2,226.60		
3/4	3/4	4,136.67	3/4	3,926.22	3/4	3,682.69	3/4	3,439.17	3/4	3,195.64	3/4	2,952.11	3/4	2,708.58	3/4	2,465.05	3/4	2,221.53		
1	1	4,135.65	1	3,921.15	1	3,677.62	1	3,434.09	1	3,190.57	1	2,947.04	1	2,703.51	1	2,459.98	1	2,216.45		
1/4	1/4	4,134.64	1/4	3,916.08	1/4	3,672.55	1/4	3,429.02	1/4	3,185.49	1/4	2,941.96	1/4	2,698.44	1/4	2,454.91	1/4	2,211.38		
1/2	1/2	4,132.61	1/2	3,911.00	1/2	3,667.47	1/2	3,423.95	1/2	3,180.42	1/2	2,936.89	1/2	2,693.36	1/2	2,449.83	1/2	2,206.31		
3/4	3/4	4,130.58	3/4	3,905.93	3/4	3,662.40	3/4	3,418.87	3/4	3,175.34	3/4	2,931.82	3/4	2,688.29	3/4	2,444.76	3/4	2,201.23		
2	2	4,128.55	2	3,900.86	2	3,657.33	2	3,413.80	2	3,170.27	2	2,926.74	2	2,683.22	2	2,439.69	2	2,196.16		
1/4	1/4	4,126.52	1/4	3,895.78	1/4	3,652.25	1/4	3,408.73	1/4	3,165.20	1/4	2,921.67	1/4	2,678.14	1/4	2,434.61	1/4	2,191.09		
1/2	1/2	4,123.48	1/2	3,890.71	1/2	3,647.18	1/2	3,403.65	1/2	3,160.12	1/2	2,916.60	1/2	2,673.07	1/2	2,429.54	1/2	2,186.01		
3/4	3/4	4,120.43	3/4	3,885.63	3/4	3,642.11	3/4	3,398.58	3/4	3,155.05	3/4	2,911.52	3/4	2,667.99	3/4	2,424.47	3/4	2,180.94		
3	3	4,117.39	3	3,880.56	3	3,637.03	3	3,393.51	3	3,149.98	3	2,906.45	3	2,662.92	3	2,419.39	3	2,175.87		
1/4	1/4	4,114.34	1/4	3,875.49	1/4	3,631.96	1/4	3,388.43	1/4	3,144.90	1/4	2,901.38	1/4	2,657.85	1/4	2,414.32	1/4	2,170.79		
1/2	1/2	4,110.29	1/2	3,870.41	1/2	3,626.89	1/2	3,383.36	1/2	3,139.83	1/2	2,896.30	1/2	2,652.77	1/2	2,409.25	1/2	2,165.72		
3/4	3/4	4,106.23	3/4	3,865.34	3/4	3,621.81	3/4	3,378.28	3/4	3,134.76	3/4	2,891.23	3/4	2,647.70	3/4	2,404.17	3/4	2,160.64		
4	4	4,102.17	4	3,860.27	4	3,616.74	4	3,373.21	4	3,129.68	4	2,886.16	4	2,642.63	4	2,399.10	4	2,155.57		
1/4	1/4	4,098.11	1/4	3,855.19	1/4	3,611.67	1/4	3,368.14	1/4	3,124.61	1/4	2,881.08	1/4	2,637.55	1/4	2,394.03	1/4	2,150.50		
1/2	1/2	4,093.17	1/2	3,850.12	1/2	3,606.59	1/2	3,363.06	1/2	3,119.54	1/2	2,876.01	1/2	2,632.48	1/2	2,388.95	1/2	2,145.42		
3/4	3/4	4,088.24	3/4	3,845.05	3/4	3,601.52	3/4	3,357.99	3/4	3,114.46	3/4	2,870.93	3/4	2,627.41	3/4	2,383.88	3/4	2,140.35		
5	5	4,083.30	5	3,839.97	5	3,596.45	5	3,352.92	5	3,109.39	5	2,865.86	5	2,622.33	5	2,378.81	5	2,135.28		
1/4	1/4	4,078.37	1/4	3,834.90	1/4	3,591.37	1/4	3,347.84	1/4	3,104.32	1/4	2,860.79	1/4	2,617.26	1/4	2,373.73	1/4	2,130.20		
1/2	1/2	4,073.31	1/2	3,829.83	1/2	3,586.30	1/2	3,342.77	1/2	3,099.24	1/2	2,855.71	1/2	2,612.19	1/2	2,368.66	1/2	2,125.13		
3/4	3/4	4,068.25	3/4	3,824.75	3/4	3,581.22	3/4	3,337.70	3/4	3,094.17	3/4	2,850.64	3/4	2,607.11	3/4	2,363.58	3/4	2,120.06		
6	6	4,063.19	6	3,819.68	6	3,576.15	6	3,332.62	6	3,089.10	6	2,845.57	6	2,602.04	6	2,358.51	6	2,114.98		
1/4	1/4	4,058.13	1/4	3,814.61	1/4	3,571.08	1/4	3,327.55	1/4	3,084.02	1/4	2,840.49	1/4	2,596.97	1/4	2,353.44	1/4	2,109.91		
1/2	1/2	4,053.06	1/2	3,809.53	1/2	3,566.00	1/2	3,322.48	1/2	3,078.95	1/2	2,835.42	1/2	2,591.89	1/2	2,348.36	1/2	2,104.84		
3/4	3/4	4,047.99	3/4	3,804.46	3/4	3,560.93	3/4	3,317.40	3/4	3,073.87	3/4	2,830.35	3/4	2,586.82	3/4	2,343.29	3/4	2,099.76		
7	7	4,042.91	7	3,799.39	7	3,555.86	7	3,312.33	7	3,068.80	7	2,825.27	7	2,581.75	7	2,338.22	7	2,094.69		
1/4	1/4	4,037.84	1/4	3,794.31	1/4	3,550.78	1/4	3,307.26	1/4	3,063.73	1/4	2,820.20	1/4	2,576.67	1/4	2,333.14	1/4	2,089.62		
1/2	1/2	4,032.77	1/2	3,789.24	1/2	3,545.71	1/2	3,302.18	1/2	3,058.65	1/2	2,815.13	1/2	2,571.60	1/2	2,328.07	1/2	2,084.54		
3/4	3/4	4,027.69	3/4	3,784.16	3/4	3,540.64	3/4	3,297.11	3/4	3,053.58	3/4	2,810.05	3/4	2,566.52	3/4	2,323.00	3/4	2,079.47		
8	8	4,022.62	8	3,779.09	8	3,535.56	8	3,292.04	8	3,048.51	8	2,804.98	8	2,561.45	8	2,317.92	8	2,074.40		
1/4	1/4	4,017.55	1/4	3,774.02	1/4	3,530.49	1/4	3,286.96	1/4	3,043.43	1/4	2,799.91	1/4	2,556.38	1/4	2,312.85	1/4	2,069.32		
1/2	1/2	4,012.47	1/2	3,768.94	1/2	3,525.42	1/2	3,281.89	1/2	3,038.36	1/2	2,794.83	1/2	2,551.30	1/2	2,307.78	1/2	2,064.25		
3/4	3/4	4,007.40	3/4	3,763.87	3/4	3,520.34	3/4	3,276.81	3/4	3,033.29	3/4	2,789.76	3/4	2,546.23	3/4	2,302.70	3/4	2,059.17		
9	9	4,002.33	9	3,758.80	9	3,515.27	9	3,271.74	9	3,028.21	9	2,784.69	9	2,541.16	9	2,297.63	9	2,054.10		
1/4	1/4	3,997.25	1/4	3,753.72	1/4	3,510.20	1/4	3,266.67	1/4	3,023.14	1/4	2,779.61	1/4	2,536.08	1/4	2,292.56	1/4	2,049.03		
1/2	1/2	3,992.18	1/2	3,748.65	1/2	3,505.12	1/2	3,261.59	1/2	3,018.07	1/2	2,774.54	1/2	2,531.01	1/2	2,287.48	1/2	2,043.95		
3/4	3/4	3,987.10	3/4	3,743.58	3/4	3,500.05	3/4	3,256.52	3/4	3,012.99	3/4	2,769.46	3/4	2,525.94	3/4	2,282.41	3/4	2,038.88		
10	10	3,982.03	10	3,738.50	10	3,494.98	10	3,251.45	10	3,007.92	10	2,764.39	10	2,520.86	10	2,277.34	10	2,033.81		
1/4	1/4	3,976.96	1/4	3,733.43	1/4	3,489.90	1/4	3,246.37	1/4	3,002.85	1/4	2,759.32	1/4	2,515.79	1/4	2,272.26	1/4	2,028.73		
1/2	1/2	3,971.88	1/2	3,728.36	1/2	3,484.83	1/2	3,241.30	1/2	2,997.77	1/2	2,754.24	1/2	2,510.72	1/2	2,267.19	1/2	2,023.66		
3/4	3/4	3,966.81	3/4	3,723.28	3/4	3,479.75	3/4	3,236.23	3/4	2,992.70	3/4	2,749.17	3/4	2,505.64	3/4	2,262.11	3/4	2,018.59		
11	11	3,961.74	11	3,718.21	11	3,474.68	11	3,231.15	11	2,987.63	11	2,744.10	11	2,500.57	11	2,257.04	11	2,013.51		
1/4	1/4	3,956.66	1/4	3,713.14	1/4	3,469.61	1/4	3,226.08	1/4	2,982.55	1/4	2,739.02	1/4	2,495.50	1/4	2,251.97	1/4	2,008.44		
1/2	1/2	3,951.59	1/2	3,708.06	1/2	3,464.53	1/2	3,221.01	1/2	2,977.48	1/2	2,733.95	1/2	2,490.42	1/2	2,246.89	1/2	2,003.37		
3/4	3/4	4,139.20	3/4	3,946.52	3/4	3,702.99	3/4	3,459.46	3/4	3,215.93	3/4	2,972.40	3/4	2,728.88	3/4	2,485.35	3/4	2,241.82	3/4	1,998.29

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN 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  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "DBL 253"

## 3 CENTER ULLAGE 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	1,993.22	0	1,749.69	0	1,506.16	0	1,262.64	0	1,019.11	0	775.59	0	532.83	0	289.32	0	47.29	0	
1/4	1,988.15	1/4	1,744.62	1/4	1,501.09	1/4	1,257.56	1/4	1,014.03	1/4	770.52	1/4	527.76	1/4	284.24	1/4	42.64	1/4	
1/2	1,983.07	1/2	1,739.54	1/2	1,496.02	1/2	1,252.49	1/2	1,008.96	1/2	765.47	1/2	522.68	1/2	279.17	1/2	38.84	1/2	
3/4	1,978.00	3/4	1,734.47	3/4	1,490.94	3/4	1,247.41	3/4	1,003.89	3/4	760.41	3/4	517.61	3/4	274.10	3/4	35.03	3/4	
1	1,972.93	1	1,729.40	1	1,485.87	1	1,242.34	1	998.81	1	755.36	1	512.54	1	269.02	1	31.23	1	
1/4	1,967.85	1/4	1,724.32	1/4	1,480.80	1/4	1,237.27	1/4	993.74	1/4	750.31	1/4	507.46	1/4	263.95	1/4	27.42	1/4	
1/2	1,962.78	1/2	1,719.25	1/2	1,475.72	1/2	1,232.19	1/2	988.67	1/2	745.26	1/2	502.39	1/2	258.88	1/2	24.46	1/2	
3/4	1,957.70	3/4	1,714.18	3/4	1,470.65	3/4	1,227.12	3/4	983.59	3/4	740.20	3/4	497.32	3/4	253.80	3/4	21.50	3/4	
2	1,952.63	2	1,709.10	2	1,465.58	2	1,222.05	2	978.52	2	735.15	2	492.24	2	248.73	2	18.54	2	
1/4	1,947.56	1/4	1,704.03	1/4	1,460.50	1/4	1,216.97	1/4	973.45	1/4	730.10	1/4	487.17	1/4	243.66	1/4	15.59	1/4	
1/2	1,942.48	1/2	1,698.96	1/2	1,455.43	1/2	1,211.90	1/2	968.37	1/2	725.04	1/2	482.10	1/2	238.58	1/2	13.47	1/2	
3/4	1,937.41	3/4	1,693.88	3/4	1,450.35	3/4	1,206.83	3/4	963.30	3/4	719.99	3/4	477.02	3/4	233.51	3/4	11.36	3/4	
3	1,932.34	3	1,688.81	3	1,445.28	3	1,201.75	3	958.23	3	714.94	3	471.95	3	228.44	3	9.24	3	
1/4	1,927.26	1/4	1,683.74	1/4	1,440.21	1/4	1,196.68	1/4	953.15	1/4	709.89	1/4	466.88	1/4	223.36	1/4	7.13	1/4	
1/2	1,922.19	1/2	1,678.66	1/2	1,435.13	1/2	1,191.61	1/2	948.08	1/2	704.83	1/2	461.80	1/2	218.29	1/2	5.86	1/2	
3/4	1,917.12	3/4	1,673.59	3/4	1,430.06	3/4	1,186.53	3/4	943.00	3/4	699.78	3/4	456.73	3/4	213.22	3/4	4.59	3/4	
4	1,912.04	4	1,668.52	4	1,424.99	4	1,181.46	4	937.93	4	694.73	4	451.66	4	208.14	4	3.33	4	
1/4	1,906.97	1/4	1,663.44	1/4	1,419.91	1/4	1,176.39	1/4	932.86	1/4	689.68	1/4	446.58	1/4	203.07	1/4	2.06	1/4	
1/2	1,901.90	1/2	1,658.37	1/2	1,414.84	1/2	1,171.31	1/2	927.78	1/2	684.62	1/2	441.51	1/2	198.00	1/2	1.64	1/2	
3/4	1,896.82	3/4	1,653.29	3/4	1,409.77	3/4	1,166.24	3/4	922.71	3/4	679.57	3/4	436.44	3/4	192.92	3/4	1.21	3/4	
5	1,891.75	5	1,648.22	5	1,404.69	5	1,161.17	5	917.64	5	674.52	5	431.37	5	187.85	5	0.79	5	
1/4	1,886.68	1/4	1,643.15	1/4	1,399.62	1/4	1,156.09	1/4	912.56	1/4	669.46	1/4	426.29	1/4	182.78	1/4	0.37	1/4	
1/2	1,881.60	1/2	1,638.07	1/2	1,394.55	1/2	1,151.02	1/2	907.49	1/2	664.41	1/2	421.22	1/2	177.71	1/2		1/2	
3/4	1,876.53	3/4	1,633.00	3/4	1,389.47	3/4	1,145.94	3/4	902.42	3/4	659.36	3/4	416.15	3/4	172.63	3/4		3/4	
6	1,871.46	6	1,627.93	6	1,384.40	6	1,140.87	6	897.34	6	654.31	6	411.07	6	167.56	6		6	
1/4	1,866.38	1/4	1,622.85	1/4	1,379.33	1/4	1,135.80	1/4	892.27	1/4	649.25	1/4	406.00	1/4	162.49	1/4		1/4	
1/2	1,861.31	1/2	1,617.78	1/2	1,374.25	1/2	1,130.72	1/2	887.20	1/2	644.20	1/2	400.93	1/2	157.41	1/2		1/2	
3/4	1,856.23	3/4	1,612.71	3/4	1,369.18	3/4	1,125.65	3/4	882.12	3/4	639.15	3/4	395.85	3/4	152.34	3/4		3/4	
7	1,851.16	7	1,607.63	7	1,364.11	7	1,120.58	7	877.05	7	634.10	7	390.78	7	147.27	7		7	
1/4	1,846.09	1/4	1,602.56	1/4	1,359.03	1/4	1,115.50	1/4	871.98	1/4	629.04	1/4	385.71	1/4	142.19	1/4		1/4	
1/2	1,841.01	1/2	1,597.49	1/2	1,353.96	1/2	1,110.43	1/2	866.90	1/2	623.99	1/2	380.63	1/2	137.12	1/2		1/2	
3/4	1,835.94	3/4	1,592.41	3/4	1,348.88	3/4	1,105.36	3/4	861.83	3/4	618.93	3/4	375.56	3/4	132.05	3/4		3/4	
8	1,830.87	8	1,587.34	8	1,343.81	8	1,100.28	8	856.76	8	613.87	8	370.49	8	126.97	8		8	
1/4	1,825.79	1/4	1,582.27	1/4	1,338.74	1/4	1,095.21	1/4	851.68	1/4	608.82	1/4	365.41	1/4	121.90	1/4		1/4	
1/2	1,820.72	1/2	1,577.19	1/2	1,333.66	1/2	1,090.14	1/2	846.61	1/2	603.76	1/2	360.34	1/2	116.83	1/2		1/2	
3/4	1,815.65	3/4	1,572.12	3/4	1,328.59	3/4	1,085.06	3/4	841.53	3/4	598.70	3/4	355.27	3/4	111.76	3/4		3/4	
9	1,810.57	9	1,567.05	9	1,323.52	9	1,079.99	9	836.46	9	593.64	9	350.19	9	106.68	9		9	
1/4	1,805.50	1/4	1,561.97	1/4	1,318.44	1/4	1,074.92	1/4	831.39	1/4	588.58	1/4	345.12	1/4	101.61	1/4		1/4	
1/2	1,800.43	1/2	1,556.90	1/2	1,313.37	1/2	1,069.84	1/2	826.31	1/2	583.52	1/2	340.05	1/2	96.55	1/2		1/2	
3/4	1,795.35	3/4	1,551.82	3/4	1,308.30	3/4	1,064.77	3/4	821.24	3/4	578.46	3/4	334.97	3/4	91.49	3/4		3/4	
10	1,790.28	10	1,546.75	10	1,303.22	10	1,059.70	10	816.17	10	573.40	10	329.90	10	86.43	10		10	
1/4	1,785.21	1/4	1,541.68	1/4	1,298.15	1/4	1,054.62	1/4	811.09	1/4	568.34	1/4	324.83	1/4	81.36	1/4		1/4	
1/2	1,780.13	1/2	1,536.60	1/2	1,293.08	1/2	1,049.55	1/2	806.02	1/2	563.27	1/2	319.75	1/2	76.33	1/2		1/2	
3/4	1,775.06	3/4	1,531.53	3/4	1,288.00	3/4	1,044.47	3/4	800.95	3/4	558.20	3/4	314.68	3/4	71.30	3/4		3/4	
11	1,769.99	11	1,526.46	11	1,282.93	11	1,039.40	11	795.87	11	553.12	11	309.61	11	66.26	11		11	
1/4	1,764.91	1/4	1,521.38	1/4	1,277.86	1/4	1,034.33	1/4	790.80	1/4	548.05	1/4	304.54	1/4	61.23	1/4		1/4	
1/2	1,759.84	1/2	1,516.31	1/2	1,272.78	1/2	1,029.25	1/2	785.73	1/2	542.98	1/2	299.46	1/2	56.58	1/2		1/2	
3/4	1,754.76	3/4	1,511.24	3/4	1,267.71	3/4	1,024.18	3/4	780.66	3/4	537.90	3/4	294.39	3/4	51.94	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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