



BARGE "DBL 252"

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

(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 2 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8'

February 4, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "DBL 252"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	2,836.31	0	2,680.57	0	2,524.84	0	2,369.10	0	2,213.36	0	2,057.63	0	1,900.61	0	1,714.15
1/4		1/4		1/4	2,833.06	1/4	2,677.33	1/4	2,521.59	1/4	2,365.86	1/4	2,210.12	1/4	2,054.38	1/4	1,896.73	1/4	1,710.27
1/2		1/2	2,962.43	1/2	2,829.82	1/2	2,674.08	1/2	2,518.35	1/2	2,362.61	1/2	2,206.87	1/2	2,051.14	1/2	1,892.84	1/2	1,706.38
3/4		3/4	2,962.04	3/4	2,826.57	3/4	2,670.84	3/4	2,515.10	3/4	2,359.37	3/4	2,203.63	3/4	2,047.89	3/4	1,888.96	3/4	1,702.50
1		1	2,961.65	1	2,823.33	1	2,667.59	1	2,511.86	1	2,356.12	1	2,200.39	1	2,044.65	1	1,885.07	1	1,698.61
1/4		1/4	2,961.26	1/4	2,820.09	1/4	2,664.35	1/4	2,508.61	1/4	2,352.88	1/4	2,197.14	1/4	2,041.41	1/4	1,881.19	1/4	1,694.73
1/2		1/2	2,960.87	1/2	2,816.84	1/2	2,661.10	1/2	2,505.37	1/2	2,349.63	1/2	2,193.90	1/2	2,038.16	1/2	1,877.30	1/2	1,690.84
3/4		3/4	2,959.69	3/4	2,813.60	3/4	2,657.86	3/4	2,502.12	3/4	2,346.39	3/4	2,190.65	3/4	2,034.92	3/4	1,873.42	3/4	1,686.96
2		2	2,958.52	2	2,810.35	2	2,654.62	2	2,498.88	2	2,343.14	2	2,187.41	2	2,031.67	2	1,869.53	2	1,683.07
1/4		1/4	2,957.35	1/4	2,807.11	1/4	2,651.37	1/4	2,495.64	1/4	2,339.90	1/4	2,184.16	1/4	2,028.43	1/4	1,865.65	1/4	1,679.19
1/2		1/2	2,956.17	1/2	2,803.86	1/2	2,648.13	1/2	2,492.39	1/2	2,336.65	1/2	2,180.92	1/2	2,025.18	1/2	1,861.77	1/2	1,675.30
3/4		3/4	2,954.22	3/4	2,800.62	3/4	2,644.88	3/4	2,489.15	3/4	2,333.41	3/4	2,177.67	3/4	2,021.94	3/4	1,857.88	3/4	1,671.42
3		3	2,952.26	3	2,797.37	3	2,641.64	3	2,485.90	3	2,330.17	3	2,174.43	3	2,018.69	3	1,854.00	3	1,667.54
1/4		1/4	2,950.31	1/4	2,794.13	1/4	2,638.39	1/4	2,482.66	1/4	2,326.92	1/4	2,171.19	1/4	2,015.45	1/4	1,850.11	1/4	1,663.65
1/2		1/2	2,948.35	1/2	2,790.88	1/2	2,635.15	1/2	2,479.41	1/2	2,323.68	1/2	2,167.94	1/2	2,012.20	1/2	1,846.23	1/2	1,659.77
3/4		3/4	2,945.61	3/4	2,787.64	3/4	2,631.90	3/4	2,476.17	3/4	2,320.43	3/4	2,164.70	3/4	2,008.96	3/4	1,842.34	3/4	1,655.88
4		4	2,942.88	4	2,784.40	4	2,628.66	4	2,472.92	4	2,317.19	4	2,161.45	4	2,005.72	4	1,838.46	4	1,652.00
1/4		1/4	2,940.14	1/4	2,781.15	1/4	2,625.42	1/4	2,469.68	1/4	2,313.94	1/4	2,158.21	1/4	2,002.47	1/4	1,834.57	1/4	1,648.11
1/2		1/2	2,937.40	1/2	2,777.91	1/2	2,622.17	1/2	2,466.43	1/2	2,310.70	1/2	2,154.96	1/2	1,999.23	1/2	1,830.69	1/2	1,644.23
3/4		3/4	2,933.88	3/4	2,774.66	3/4	2,618.93	3/4	2,463.19	3/4	2,307.45	3/4	2,151.72	3/4	1,995.98	3/4	1,826.80	3/4	1,640.34
5		5	2,930.36	5	2,771.42	5	2,615.68	5	2,459.95	5	2,304.21	5	2,148.47	5	1,992.74	5	1,822.92	5	1,636.46
1/4		1/4	2,926.84	1/4	2,768.17	1/4	2,612.44	1/4	2,456.70	1/4	2,300.97	1/4	2,145.23	1/4	1,989.49	1/4	1,819.04	1/4	1,632.57
1/2		1/2	2,923.32	1/2	2,764.93	1/2	2,609.19	1/2	2,453.46	1/2	2,297.72	1/2	2,141.98	1/2	1,986.25	1/2	1,815.15	1/2	1,628.69
3/4		3/4	2,919.41	3/4	2,761.68	3/4	2,605.95	3/4	2,450.21	3/4	2,294.48	3/4	2,138.74	3/4	1,983.00	3/4	1,811.27	3/4	1,624.81
6		6	2,915.50	6	2,758.44	6	2,602.70	6	2,446.97	6	2,291.23	6	2,135.50	6	1,979.76	6	1,807.38	6	1,620.92
1/4		1/4	2,911.60	1/4	2,755.20	1/4	2,599.46	1/4	2,443.72	1/4	2,287.99	1/4	2,132.25	1/4	1,976.52	1/4	1,803.50	1/4	1,617.04
1/2		1/2	2,907.69	1/2	2,751.95	1/2	2,596.21	1/2	2,440.48	1/2	2,284.74	1/2	2,129.01	1/2	1,973.27	1/2	1,799.61	1/2	1,613.15
3/4		3/4	2,904.44	3/4	2,748.71	3/4	2,592.97	3/4	2,437.23	3/4	2,281.50	3/4	2,125.76	3/4	1,970.03	3/4	1,795.73	3/4	1,609.27
7		7	2,901.20	7	2,745.46	7	2,589.73	7	2,433.99	7	2,278.25	7	2,122.52	7	1,966.78	7	1,791.84	7	1,605.40
1/4		1/4	2,897.95	1/4	2,742.22	1/4	2,586.48	1/4	2,430.75	1/4	2,275.01	1/4	2,119.27	1/4	1,963.54	1/4	1,787.96	1/4	1,601.52
1/2		1/2	2,894.71	1/2	2,738.97	1/2	2,583.24	1/2	2,427.50	1/2	2,271.76	1/2	2,116.03	1/2	1,960.29	1/2	1,784.07	1/2	1,597.64
3/4		3/4	2,891.46	3/4	2,735.73	3/4	2,579.99	3/4	2,424.26	3/4	2,268.52	3/4	2,112.78	3/4	1,957.05	3/4	1,780.19	3/4	1,593.76
8		8	2,888.22	8	2,732.48	8	2,576.75	8	2,421.01	8	2,265.28	8	2,109.54	8	1,953.80	8	1,776.30	8	1,589.89
1/4		1/4	2,884.98	1/4	2,729.24	1/4	2,573.50	1/4	2,417.77	1/4	2,262.03	1/4	2,106.30	1/4	1,950.56	1/4	1,772.42	1/4	1,586.01
1/2		1/2	2,881.73	1/2	2,725.99	1/2	2,570.26	1/2	2,414.52	1/2	2,258.79	1/2	2,103.05	1/2	1,947.31	1/2	1,768.54	1/2	1,582.13
3/4		3/4	2,878.49	3/4	2,722.75	3/4	2,567.01	3/4	2,411.28	3/4	2,255.54	3/4	2,099.81	3/4	1,944.07	3/4	1,764.65	3/4	1,578.25
9		9	2,875.24	9	2,719.51	9	2,563.77	9	2,408.03	9	2,252.30	9	2,096.56	9	1,940.83	9	1,760.77	9	1,574.38
1/4		1/4	2,872.00	1/4	2,716.26	1/4	2,560.53	1/4	2,404.79	1/4	2,249.05	1/4	2,093.32	1/4	1,937.58	1/4	1,756.88	1/4	1,570.50
1/2		1/2	2,868.75	1/2	2,713.02	1/2	2,557.28	1/2	2,401.54	1/2	2,245.81	1/2	2,090.07	1/2	1,934.34	1/2	1,753.00	1/2	1,566.62
3/4		3/4	2,865.51	3/4	2,709.77	3/4	2,554.04	3/4	2,398.30	3/4	2,242.56	3/4	2,086.83	3/4	1,931.09	3/4	1,749.11	3/4	1,562.74
10		10	2,862.26	10	2,706.53	10	2,550.79	10	2,395.06	10	2,239.32	10	2,083.58	10	1,927.85	10	1,745.23	10	1,558.87
1/4		1/4	2,859.02	1/4	2,703.28	1/4	2,547.55	1/4	2,391.81	1/4	2,236.08	1/4	2,080.34	1/4	1,924.60	1/4	1,741.34	1/4	1,554.99
1/2		1/2	2,855.77	1/2	2,700.04	1/2	2,544.30	1/2	2,388.57	1/2	2,232.83	1/2	2,077.09	1/2	1,921.36	1/2	1,737.46	1/2	1,551.11
3/4		3/4	2,852.53	3/4	2,696.79	3/4	2,541.06	3/4	2,385.32	3/4	2,229.59	3/4	2,073.85	3/4	1,918.11	3/4	1,733.57	3/4	1,547.23
11		11	2,849.29	11	2,693.55	11	2,537.81	11	2,382.08	11	2,226.34	11	2,070.61	11	1,914.87	11	1,729.69	11	1,543.36
1/4		1/4	2,846.04	1/4	2,690.31	1/4	2,534.57	1/4	2,378.83	1/4	2,223.10	1/4	2,067.36	1/4	1,911.63	1/4	1,725.80	1/4	1,539.48
1/2		1/2	2,842.80	1/2	2,687.06	1/2	2,531.32	1/2	2,375.59	1/2	2,219.85	1/2	2,064.12	1/2	1,908.38	1/2	1,721.92	1/2	1,535.60
3/4		3/4	2,839.55	3/4	2,683.82	3/4	2,528.08	3/4	2,372.34	3/4	2,216.61	3/4	2,060.87	3/4	1,904.50	3/4	1,718.04	3/4	1,531.72

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 21'-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 252"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,527.85	0	1,341.32	0	1,154.88	0	969.27	0	782.95	0	596.63	0	420.72	0	233.72	0	46.78	0	
1/4	1,523.97	1/4	1,337.44	1/4	1,151.01	1/4	965.39	1/4	779.07	1/4	592.74	1/4	416.83	1/4	229.81	1/4	43.20	1/4	
1/2	1,520.09	1/2	1,333.55	1/2	1,147.15	1/2	961.51	1/2	775.18	1/2	588.86	1/2	412.94	1/2	225.90	1/2	39.62	1/2	
3/4	1,516.20	3/4	1,329.66	3/4	1,143.29	3/4	957.62	3/4	771.30	3/4	584.98	3/4	409.06	3/4	221.99	3/4	36.62	3/4	
1	1,512.32	1	1,325.78	1	1,139.43	1	953.74	1	767.42	1	581.10	1	405.17	1	218.07	1	33.62	1	
1/4	1,508.43	1/4	1,321.89	1/4	1,135.57	1/4	949.86	1/4	763.54	1/4	577.22	1/4	401.28	1/4	214.16	1/4	30.62	1/4	
1/2	1,504.55	1/2	1,318.00	1/2	1,131.70	1/2	945.98	1/2	759.66	1/2	573.34	1/2	397.39	1/2	210.25	1/2	27.62	1/2	
3/4	1,500.66	3/4	1,314.12	3/4	1,127.84	3/4	942.10	3/4	755.78	3/4	569.68	3/4	393.53	3/4	206.34	3/4	25.13	3/4	
2	1,496.77	2	1,310.23	2	1,123.98	2	938.22	2	751.89	2	566.02	2	389.68	2	202.43	2	22.65	2	
1/4	1,492.89	1/4	1,306.34	1/4	1,120.12	1/4	934.33	1/4	748.01	1/4	562.36	1/4	385.82	1/4	198.52	1/4	20.17	1/4	
1/2	1,489.00	1/2	1,302.46	1/2	1,116.26	1/2	930.45	1/2	744.13	1/2	558.70	1/2	381.96	1/2	194.61	1/2	17.69	1/2	
3/4	1,485.11	3/4	1,298.57	3/4	1,112.39	3/4	926.57	3/4	740.25	3/4	555.11	3/4	378.10	3/4	190.69	3/4	15.73	3/4	
3	1,481.23	3	1,294.69	3	1,108.53	3	922.69	3	736.37	3	551.53	3	374.24	3	186.78	3	13.77	3	
1/4	1,477.34	1/4	1,290.80	1/4	1,104.67	1/4	918.81	1/4	732.49	1/4	547.94	1/4	370.38	1/4	182.87	1/4	11.80	1/4	
1/2	1,473.46	1/2	1,286.91	1/2	1,100.81	1/2	914.93	1/2	728.60	1/2	544.36	1/2	366.53	1/2	178.96	1/2	9.84	1/2	
3/4	1,469.57	3/4	1,283.03	3/4	1,096.95	3/4	911.04	3/4	724.72	3/4	540.77	3/4	362.64	3/4	175.05	3/4	8.40	3/4	
4	1,465.68	4	1,279.14	4	1,093.08	4	907.16	4	720.84	4	537.18	4	358.75	4	171.14	4	6.95	4	
1/4	1,461.80	1/4	1,275.25	1/4	1,089.22	1/4	903.28	1/4	716.96	1/4	533.60	1/4	354.86	1/4	167.22	1/4	5.51	1/4	
1/2	1,457.91	1/2	1,271.37	1/2	1,085.36	1/2	899.40	1/2	713.08	1/2	530.01	1/2	350.97	1/2	163.31	1/2	4.06	1/2	
3/4	1,454.02	3/4	1,267.48	3/4	1,081.50	3/4	895.52	3/4	709.20	3/4	526.42	3/4	347.09	3/4	159.40	3/4	3.14	3/4	
5	1,450.14	5	1,263.60	5	1,077.64	5	891.64	5	705.31	5	522.84	5	343.20	5	155.49	5	2.21	5	
1/4	1,446.25	1/4	1,259.71	1/4	1,073.77	1/4	887.75	1/4	701.43	1/4	519.25	1/4	339.31	1/4	151.58	1/4	1.29	1/4	
1/2	1,442.37	1/2	1,255.82	1/2	1,069.91	1/2	883.87	1/2	697.55	1/2	515.67	1/2	335.42	1/2	147.67	1/2	0.37	1/2	
3/4	1,438.48	3/4	1,251.94	3/4	1,066.05	3/4	879.99	3/4	693.67	3/4	512.08	3/4	331.51	3/4	143.75	3/4		3/4	
6	1,434.59	6	1,248.05	6	1,062.19	6	876.11	6	689.79	6	508.49	6	327.60	6	139.84	6		6	
1/4	1,430.71	1/4	1,244.16	1/4	1,058.33	1/4	872.23	1/4	685.91	1/4	504.91	1/4	323.69	1/4	135.93	1/4		1/4	
1/2	1,426.82	1/2	1,240.28	1/2	1,054.46	1/2	868.35	1/2	682.02	1/2	501.32	1/2	319.78	1/2	132.02	1/2		1/2	
3/4	1,422.93	3/4	1,236.39	3/4	1,050.60	3/4	864.46	3/4	678.14	3/4	497.74	3/4	315.86	3/4	128.11	3/4		3/4	
7	1,419.05	7	1,232.51	7	1,046.74	7	860.58	7	674.26	7	494.15	7	311.95	7	124.20	7		7	
1/4	1,415.16	1/4	1,228.62	1/4	1,042.88	1/4	856.70	1/4	670.38	1/4	490.56	1/4	308.04	1/4	120.28	1/4		1/4	
1/2	1,411.27	1/2	1,224.73	1/2	1,039.02	1/2	852.82	1/2	666.50	1/2	486.98	1/2	304.13	1/2	116.37	1/2		1/2	
3/4	1,407.39	3/4	1,220.85	3/4	1,035.15	3/4	848.94	3/4	662.62	3/4	483.39	3/4	300.22	3/4	112.46	3/4		3/4	
8	1,403.50	8	1,216.96	8	1,031.29	8	845.06	8	658.73	8	479.81	8	296.31	8	108.55	8		8	
1/4	1,399.62	1/4	1,213.07	1/4	1,027.43	1/4	841.17	1/4	654.85	1/4	476.22	1/4	292.40	1/4	104.64	1/4		1/4	
1/2	1,395.73	1/2	1,209.19	1/2	1,023.57	1/2	837.29	1/2	650.97	1/2	472.63	1/2	288.48	1/2	100.73	1/2		1/2	
3/4	1,391.84	3/4	1,205.30	3/4	1,019.70	3/4	833.41	3/4	647.09	3/4	468.97	3/4	284.57	3/4	96.82	3/4		3/4	
9	1,387.96	9	1,201.41	9	1,015.83	9	829.53	9	643.21	9	465.31	9	280.66	9	92.91	9		9	
1/4	1,384.07	1/4	1,197.53	1/4	1,011.96	1/4	825.65	1/4	639.32	1/4	461.65	1/4	276.75	1/4	89.00	1/4		1/4	
1/2	1,380.18	1/2	1,193.64	1/2	1,008.09	1/2	821.76	1/2	635.44	1/2	457.99	1/2	272.84	1/2	85.08	1/2		1/2	
3/4	1,376.30	3/4	1,189.76	3/4	1,004.20	3/4	817.88	3/4	631.56	3/4	454.30	3/4	268.93	3/4	81.18	3/4		3/4	
10	1,372.41	10	1,185.87	10	1,000.32	10	814.00	10	627.68	10	450.62	10	265.01	10	77.28	10		10	
1/4	1,368.53	1/4	1,181.98	1/4	996.44	1/4	810.12	1/4	623.80	1/4	446.93	1/4	261.10	1/4	73.38	1/4		1/4	
1/2	1,364.64	1/2	1,178.10	1/2	992.56	1/2	806.24	1/2	619.92	1/2	443.24	1/2	257.19	1/2	69.47	1/2		1/2	
3/4	1,360.75	3/4	1,174.22	3/4	988.68	3/4	802.36	3/4	616.03	3/4	439.56	3/4	253.28	3/4	65.59	3/4		3/4	
11	1,356.87	11	1,170.35	11	984.80	11	798.47	11	612.15	11	435.87	11	249.37	11	61.71	11		11	
1/4	1,352.98	1/4	1,166.47	1/4	980.91	1/4	794.59	1/4	608.27	1/4	432.18	1/4	245.46	1/4	57.83	1/4		1/4	
1/2	1,349.09	1/2	1,162.60	1/2	977.03	1/2	790.71	1/2	604.39	1/2	428.50	1/2	241.54	1/2	53.95	1/2		1/2	
3/4	1,345.21	3/4	1,158.74	3/4	973.15	3/4	786.83	3/4	600.51	3/4	424.61	3/4	237.63	3/4	50.37	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/04/2019 SW JS
CALCULATED: 02/05/2019 CL
PRINTED: 02/10/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 252"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 1/4"

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		0		0	3,097.43	0	2,905.77	0	2,714.12	0	2,522.46	0	2,330.80	0	2,139.14	0	1,947.48	0	1,755.82
1/4		1/4	3,245.16	1/4	3,093.44	1/4	2,901.78	1/4	2,710.12	1/4	2,518.46	1/4	2,326.80	1/4	2,135.14	1/4	1,943.49	1/4	1,751.83
1/2		1/2	3,244.76	1/2	3,089.45	1/2	2,897.79	1/2	2,706.13	1/2	2,514.47	1/2	2,322.81	1/2	2,131.15	1/2	1,939.49	1/2	1,747.83
3/4		3/4	3,244.36	3/4	3,085.45	3/4	2,893.80	3/4	2,702.14	3/4	2,510.48	3/4	2,318.82	3/4	2,127.16	3/4	1,935.50	3/4	1,743.84
1		1	3,243.96	1	3,081.46	1	2,889.80	1	2,698.14	1	2,506.48	1	2,314.83	1	2,123.17	1	1,931.51	1	1,739.85
1/4		1/4	3,243.56	1/4	3,077.47	1/4	2,885.81	1/4	2,694.15	1/4	2,502.49	1/4	2,310.83	1/4	2,119.17	1/4	1,927.51	1/4	1,735.85
1/2		1/2	3,242.37	1/2	3,073.48	1/2	2,881.82	1/2	2,690.16	1/2	2,498.50	1/2	2,306.84	1/2	2,115.18	1/2	1,923.52	1/2	1,731.86
3/4		3/4	3,241.17	3/4	3,069.48	3/4	2,877.82	3/4	2,686.16	3/4	2,494.51	3/4	2,302.85	3/4	2,111.19	3/4	1,919.53	3/4	1,727.87
2		2	3,239.97	2	3,065.49	2	2,873.83	2	2,682.17	2	2,490.51	2	2,298.85	2	2,107.19	2	1,915.54	2	1,723.88
1/4		1/4	3,238.77	1/4	3,061.50	1/4	2,869.84	1/4	2,678.18	1/4	2,486.52	1/4	2,294.86	1/4	2,103.20	1/4	1,911.54	1/4	1,719.88
1/2		1/2	3,236.78	1/2	3,057.50	1/2	2,865.85	1/2	2,674.19	1/2	2,482.53	1/2	2,290.87	1/2	2,099.21	1/2	1,907.55	1/2	1,715.89
3/4		3/4	3,234.78	3/4	3,053.51	3/4	2,861.85	3/4	2,670.19	3/4	2,478.53	3/4	2,286.87	3/4	2,095.22	3/4	1,903.56	3/4	1,711.90
3		3	3,232.78	3	3,049.52	3	2,857.86	3	2,666.20	3	2,474.54	3	2,282.88	3	2,091.22	3	1,899.56	3	1,707.90
1/4		1/4	3,230.79	1/4	3,045.53	1/4	2,853.87	1/4	2,662.21	1/4	2,470.55	1/4	2,278.89	1/4	2,087.23	1/4	1,895.57	1/4	1,703.91
1/2		1/2	3,227.99	1/2	3,041.53	1/2	2,849.87	1/2	2,658.21	1/2	2,466.56	1/2	2,274.90	1/2	2,083.24	1/2	1,891.58	1/2	1,699.92
3/4		3/4	3,225.20	3/4	3,037.54	3/4	2,845.88	3/4	2,654.22	3/4	2,462.56	3/4	2,270.90	3/4	2,079.24	3/4	1,887.58	3/4	1,695.93
4		4	3,222.40	4	3,033.55	4	2,841.89	4	2,650.23	4	2,458.57	4	2,266.91	4	2,075.25	4	1,883.59	4	1,691.93
1/4		1/4	3,219.61	1/4	3,029.55	1/4	2,837.90	1/4	2,646.24	1/4	2,454.58	1/4	2,262.92	1/4	2,071.26	1/4	1,879.60	1/4	1,687.94
1/2		1/2	3,216.01	1/2	3,025.56	1/2	2,833.90	1/2	2,642.24	1/2	2,450.58	1/2	2,258.92	1/2	2,067.27	1/2	1,875.61	1/2	1,683.95
3/4		3/4	3,212.42	3/4	3,021.57	3/4	2,829.91	3/4	2,638.25	3/4	2,446.59	3/4	2,254.93	3/4	2,063.27	3/4	1,871.61	3/4	1,679.95
5		5	3,208.83	5	3,017.58	5	2,825.92	5	2,634.26	5	2,442.60	5	2,250.94	5	2,059.28	5	1,867.62	5	1,675.96
1/4		1/4	3,205.23	1/4	3,013.58	1/4	2,821.92	1/4	2,630.26	1/4	2,438.61	1/4	2,246.95	1/4	2,055.29	1/4	1,863.63	1/4	1,671.97
1/2		1/2	3,201.24	1/2	3,009.59	1/2	2,817.93	1/2	2,626.27	1/2	2,434.61	1/2	2,242.95	1/2	2,051.29	1/2	1,859.63	1/2	1,667.98
3/4		3/4	3,197.25	3/4	3,005.60	3/4	2,813.94	3/4	2,622.28	3/4	2,430.62	3/4	2,238.96	3/4	2,047.30	3/4	1,855.64	3/4	1,663.98
6		6	3,193.26	6	3,001.60	6	2,809.94	6	2,618.29	6	2,426.63	6	2,234.97	6	2,043.31	6	1,851.65	6	1,659.99
1/4		1/4	3,189.27	1/4	2,997.61	1/4	2,805.95	1/4	2,614.29	1/4	2,422.63	1/4	2,230.97	1/4	2,039.32	1/4	1,847.66	1/4	1,656.00
1/2		1/2	3,185.28	1/2	2,993.62	1/2	2,801.96	1/2	2,610.30	1/2	2,418.64	1/2	2,226.98	1/2	2,035.32	1/2	1,843.66	1/2	1,652.00
3/4		3/4	3,181.28	3/4	2,989.63	3/4	2,797.97	3/4	2,606.31	3/4	2,414.65	3/4	2,222.99	3/4	2,031.33	3/4	1,839.67	3/4	1,648.01
7		7	3,177.29	7	2,985.63	7	2,793.97	7	2,602.31	7	2,410.65	7	2,219.00	7	2,027.34	7	1,835.68	7	1,644.02
1/4		1/4	3,173.30	1/4	2,981.64	1/4	2,789.98	1/4	2,598.32	1/4	2,406.66	1/4	2,215.00	1/4	2,023.34	1/4	1,831.68	1/4	1,640.03
1/2		1/2	3,169.31	1/2	2,977.65	1/2	2,785.99	1/2	2,594.33	1/2	2,402.67	1/2	2,211.01	1/2	2,019.35	1/2	1,827.69	1/2	1,636.03
3/4		3/4	3,165.31	3/4	2,973.65	3/4	2,781.99	3/4	2,590.34	3/4	2,398.68	3/4	2,207.02	3/4	2,015.36	3/4	1,823.70	3/4	1,632.04
8		8	3,161.32	8	2,969.66	8	2,778.00	8	2,586.34	8	2,394.68	8	2,203.02	8	2,011.36	8	1,819.71	8	1,628.05
1/4		1/4	3,157.33	1/4	2,965.67	1/4	2,774.01	1/4	2,582.35	1/4	2,390.69	1/4	2,199.03	1/4	2,007.37	1/4	1,815.71	1/4	1,624.05
1/2		1/2	3,153.33	1/2	2,961.68	1/2	2,770.02	1/2	2,578.36	1/2	2,386.70	1/2	2,195.04	1/2	2,003.38	1/2	1,811.72	1/2	1,620.06
3/4		3/4	3,149.34	3/4	2,957.68	3/4	2,766.02	3/4	2,574.36	3/4	2,382.70	3/4	2,191.05	3/4	1,999.39	3/4	1,807.73	3/4	1,616.07
9		9	3,145.35	9	2,953.69	9	2,762.03	9	2,570.37	9	2,378.71	9	2,187.05	9	1,995.39	9	1,803.73	9	1,612.07
1/4		1/4	3,141.36	1/4	2,949.70	1/4	2,758.04	1/4	2,566.38	1/4	2,374.72	1/4	2,183.06	1/4	1,991.40	1/4	1,799.74	1/4	1,608.08
1/2		1/2	3,137.36	1/2	2,945.70	1/2	2,754.04	1/2	2,562.39	1/2	2,370.73	1/2	2,179.07	1/2	1,987.41	1/2	1,795.75	1/2	1,604.09
3/4		3/4	3,133.37	3/4	2,941.71	3/4	2,750.05	3/4	2,558.39	3/4	2,366.73	3/4	2,175.07	3/4	1,983.41	3/4	1,791.76	3/4	1,600.10
10		10	3,129.38	10	2,937.72	10	2,746.06	10	2,554.40	10	2,362.74	10	2,171.08	10	1,979.42	10	1,787.76	10	1,596.10
1/4		1/4	3,125.38	1/4	2,933.72	1/4	2,742.07	1/4	2,550.41	1/4	2,358.75	1/4	2,167.09	1/4	1,975.43	1/4	1,783.77	1/4	1,592.11
1/2		1/2	3,121.39	1/2	2,929.73	1/2	2,738.07	1/2	2,546.41	1/2	2,354.75	1/2	2,163.10	1/2	1,971.44	1/2	1,779.78	1/2	1,588.12
3/4		3/4	3,117.40	3/4	2,925.74	3/4	2,734.08	3/4	2,542.42	3/4	2,350.76	3/4	2,159.10	3/4	1,967.44	3/4	1,775.78	3/4	1,584.12
11		11	3,113.41	11	2,921.75	11	2,730.09	11	2,538.43	11	2,346.77	11	2,155.11	11	1,963.45	11	1,771.79	11	1,580.13
1/4		1/4	3,109.41	1/4	2,917.75	1/4	2,726.09	1/4	2,534.43	1/4	2,342.78	1/4	2,151.12	1/4	1,959.46	1/4	1,767.80	1/4	1,576.14
1/2		1/2	3,105.42	1/2	2,913.76	1/2	2,722.10	1/2	2,530.44	1/2	2,338.78	1/2	2,147.12	1/2	1,955.46	1/2	1,763.81	1/2	1,572.15
3/4		3/4	3,101.43	3/4	2,909.77	3/4	2,718.11	3/4	2,526.45	3/4	2,334.79	3/4	2,143.13	3/4	1,951.47	3/4	1,759.81	3/4	1,568.15

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 21'-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 252"

2 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	1,564.16	0	1,372.50	0	1,180.84	0	989.18	0	797.52	0	606.72	0	419.42	0	227.77	0	37.29	0	
1/4	1,560.17	1/4	1,368.51	1/4	1,176.85	1/4	985.19	1/4	793.53	1/4	602.86	1/4	415.43	1/4	223.78	1/4	33.63	1/4	
1/2	1,556.17	1/2	1,364.52	1/2	1,172.86	1/2	981.20	1/2	789.54	1/2	599.00	1/2	411.43	1/2	219.78	1/2	30.64	1/2	
3/4	1,552.18	3/4	1,360.52	3/4	1,168.86	3/4	977.20	3/4	785.54	3/4	595.14	3/4	407.44	3/4	215.79	3/4	27.64	3/4	
1	1,548.19	1	1,356.53	1	1,164.87	1	973.21	1	781.55	1	591.28	1	403.45	1	211.80	1	24.65	1	
1/4	1,544.20	1/4	1,352.54	1/4	1,160.88	1/4	969.22	1/4	777.56	1/4	587.43	1/4	399.46	1/4	207.81	1/4	21.65	1/4	
1/2	1,540.20	1/2	1,348.54	1/2	1,156.88	1/2	965.23	1/2	773.57	1/2	583.57	1/2	395.46	1/2	203.81	1/2	19.33	1/2	
3/4	1,536.21	3/4	1,344.55	3/4	1,152.89	3/4	961.23	3/4	769.57	3/4	579.71	3/4	391.47	3/4	199.82	3/4	17.00	3/4	
2	1,532.22	2	1,340.56	2	1,148.90	2	957.24	2	765.58	2	575.85	2	387.48	2	195.83	2	14.67	2	
1/4	1,528.22	1/4	1,336.56	1/4	1,144.91	1/4	953.25	1/4	761.59	1/4	571.99	1/4	383.48	1/4	191.84	1/4	12.34	1/4	
1/2	1,524.23	1/2	1,332.57	1/2	1,140.91	1/2	949.25	1/2	757.59	1/2	568.14	1/2	379.49	1/2	187.84	1/2	10.68	1/2	
3/4	1,520.24	3/4	1,328.58	3/4	1,136.92	3/4	945.26	3/4	753.60	3/4	564.28	3/4	375.50	3/4	183.85	3/4	9.01	3/4	
3	1,516.25	3	1,324.59	3	1,132.93	3	941.27	3	749.61	3	560.42	3	371.51	3	179.86	3	7.35	3	
1/4	1,512.25	1/4	1,320.59	1/4	1,128.93	1/4	937.27	1/4	745.62	1/4	556.56	1/4	367.51	1/4	175.86	1/4	5.68	1/4	
1/2	1,508.26	1/2	1,316.60	1/2	1,124.94	1/2	933.28	1/2	741.62	1/2	552.70	1/2	363.52	1/2	171.87	1/2	4.69	1/2	
3/4	1,504.27	3/4	1,312.61	3/4	1,120.95	3/4	929.29	3/4	737.63	3/4	548.84	3/4	359.53	3/4	167.88	3/4	3.69	3/4	
4	1,500.27	4	1,308.61	4	1,116.96	4	925.30	4	733.64	4	544.99	4	355.54	4	163.89	4	2.69	4	
1/4	1,496.28	1/4	1,304.62	1/4	1,112.96	1/4	921.30	1/4	729.64	1/4	541.13	1/4	351.54	1/4	159.89	1/4	1.69	1/4	
1/2	1,492.29	1/2	1,300.63	1/2	1,108.97	1/2	917.31	1/2	725.65	1/2	537.27	1/2	347.55	1/2	155.90	1/2	1.36	1/2	
3/4	1,488.29	3/4	1,296.64	3/4	1,104.98	3/4	913.32	3/4	721.66	3/4	533.41	3/4	343.56	3/4	151.91	3/4	1.03	3/4	
5	1,484.30	5	1,292.64	5	1,100.98	5	909.32	5	717.67	5	529.55	5	339.57	5	147.92	5	0.70	5	
1/4	1,480.31	1/4	1,288.65	1/4	1,096.99	1/4	905.33	1/4	713.67	1/4	525.70	1/4	335.57	1/4	143.92	1/4	0.37	1/4	
1/2	1,476.32	1/2	1,284.66	1/2	1,093.00	1/2	901.34	1/2	709.68	1/2	521.84	1/2	331.58	1/2	139.93	1/2		1/2	
3/4	1,472.32	3/4	1,280.66	3/4	1,089.00	3/4	897.35	3/4	705.69	3/4	517.98	3/4	327.59	3/4	135.94	3/4		3/4	
6	1,468.33	6	1,276.67	6	1,085.01	6	893.35	6	701.69	6	514.12	6	323.59	6	131.94	6		6	
1/4	1,464.34	1/4	1,272.68	1/4	1,081.02	1/4	889.36	1/4	697.70	1/4	510.26	1/4	319.60	1/4	127.95	1/4		1/4	
1/2	1,460.34	1/2	1,268.69	1/2	1,077.03	1/2	885.37	1/2	693.71	1/2	506.41	1/2	315.61	1/2	123.96	1/2		1/2	
3/4	1,456.35	3/4	1,264.69	3/4	1,073.03	3/4	881.37	3/4	689.71	3/4	502.55	3/4	311.62	3/4	119.97	3/4		3/4	
7	1,452.36	7	1,260.70	7	1,069.04	7	877.38	7	685.72	7	498.69	7	307.62	7	115.97	7		7	
1/4	1,448.37	1/4	1,256.71	1/4	1,065.05	1/4	873.39	1/4	681.73	1/4	494.83	1/4	303.63	1/4	111.98	1/4		1/4	
1/2	1,444.37	1/2	1,252.71	1/2	1,061.05	1/2	869.40	1/2	677.74	1/2	490.95	1/2	299.64	1/2	107.99	1/2		1/2	
3/4	1,440.38	3/4	1,248.72	3/4	1,057.06	3/4	865.40	3/4	673.74	3/4	487.07	3/4	295.65	3/4	104.00	3/4		3/4	
8	1,436.39	8	1,244.73	8	1,053.07	8	861.41	8	669.75	8	483.19	8	291.65	8	100.00	8		8	
1/4	1,432.39	1/4	1,240.74	1/4	1,049.08	1/4	857.42	1/4	665.76	1/4	479.31	1/4	287.66	1/4	96.01	1/4		1/4	
1/2	1,428.40	1/2	1,236.74	1/2	1,045.08	1/2	853.42	1/2	661.76	1/2	475.32	1/2	283.67	1/2	92.02	1/2		1/2	
3/4	1,424.41	3/4	1,232.75	3/4	1,041.09	3/4	849.43	3/4	657.77	3/4	471.32	3/4	279.67	3/4	88.03	3/4		3/4	
9	1,420.42	9	1,228.76	9	1,037.10	9	845.44	9	653.78	9	467.33	9	275.68	9	84.04	9		9	
1/4	1,416.42	1/4	1,224.76	1/4	1,033.10	1/4	841.45	1/4	649.79	1/4	463.34	1/4	271.69	1/4	80.04	1/4		1/4	
1/2	1,412.43	1/2	1,220.77	1/2	1,029.11	1/2	837.45	1/2	645.79	1/2	459.35	1/2	267.70	1/2	76.06	1/2		1/2	
3/4	1,408.44	3/4	1,216.78	3/4	1,025.12	3/4	833.46	3/4	641.80	3/4	455.35	3/4	263.70	3/4	72.08	3/4		3/4	
10	1,404.44	10	1,212.78	10	1,021.13	10	829.47	10	637.81	10	451.36	10	259.71	10	68.09	10		10	
1/4	1,400.45	1/4	1,208.79	1/4	1,017.13	1/4	825.47	1/4	633.81	1/4	447.37	1/4	255.72	1/4	64.11	1/4		1/4	
1/2	1,396.46	1/2	1,204.80	1/2	1,013.14	1/2	821.48	1/2	629.93	1/2	443.38	1/2	251.73	1/2	60.15	1/2		1/2	
3/4	1,392.47	3/4	1,200.81	3/4	1,009.15	3/4	817.49	3/4	626.05	3/4	439.38	3/4	247.73	3/4	56.19	3/4		3/4	
11	1,388.47	11	1,196.81	11	1,005.15	11	813.49	11	622.17	11	435.39	11	243.74	11	52.22	11		11	
1/4	1,384.48	1/4	1,192.82	1/4	1,001.16	1/4	809.50	1/4	618.29	1/4	431.40	1/4	239.75	1/4	48.26	1/4		1/4	
1/2	1,380.49	1/2	1,188.83	1/2	997.17	1/2	805.51	1/2	614.43	1/2	427.40	1/2	235.75	1/2	44.60	1/2		1/2	
3/4	1,376.49	3/4	1,184.83	3/4	993.18	3/4	801.52	3/4	610.57	3/4	423.41	3/4	231.76	3/4	40.95	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/04/2019 SW JS
CALCULATED: 02/05/2019 CL
PRINTED: 02/10/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "DBL 252"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04 3/4"

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		0	3,242.22	0	3,087.05	0	2,895.54	0	2,704.02	0	2,512.51	0	2,321.00	0	2,129.49	0	1,937.98	0	1,746.47		
1/4		1/4	3,241.82	1/4	3,083.06	1/4	2,891.55	1/4	2,700.03	1/4	2,508.52	1/4	2,317.01	1/4	2,125.50	1/4	1,933.99	1/4	1,742.48		
1/2		1/2	3,241.42	1/2	3,079.07	1/2	2,887.56	1/2	2,696.05	1/2	2,504.53	1/2	2,313.02	1/2	2,121.51	1/2	1,930.00	1/2	1,738.49		
3/4		3/4	3,241.02	3/4	3,075.08	3/4	2,883.57	3/4	2,692.06	3/4	2,500.54	3/4	2,309.03	3/4	2,117.52	3/4	1,926.01	3/4	1,734.50		
1		1	3,239.83	1	3,071.09	1	2,879.58	1	2,688.07	1	2,496.56	1	2,305.04	1	2,113.53	1	1,922.02	1	1,730.51		
1/4		1/4	3,238.63	1/4	3,067.10	1/4	2,875.59	1/4	2,684.08	1/4	2,492.57	1/4	2,301.05	1/4	2,109.54	1/4	1,918.03	1/4	1,726.52		
1/2		1/2	3,237.43	1/2	3,063.11	1/2	2,871.60	1/2	2,680.09	1/2	2,488.58	1/2	2,297.07	1/2	2,105.55	1/2	1,914.04	1/2	1,722.53		
3/4		3/4	3,236.24	3/4	3,059.12	3/4	2,867.61	3/4	2,676.10	3/4	2,484.59	3/4	2,293.08	3/4	2,101.56	3/4	1,910.05	3/4	1,718.54		
2		2	3,234.24	2	3,055.13	2	2,863.62	2	2,672.11	2	2,480.60	2	2,289.09	2	2,097.58	2	1,906.06	2	1,714.55		
1/4		1/4	3,232.25	1/4	3,051.14	1/4	2,859.63	1/4	2,668.12	1/4	2,476.61	1/4	2,285.10	1/4	2,093.59	1/4	1,902.07	1/4	1,710.56		
1/2		1/2	3,230.25	1/2	3,047.15	1/2	2,855.64	1/2	2,664.13	1/2	2,472.62	1/2	2,281.11	1/2	2,089.60	1/2	1,898.09	1/2	1,706.57		
3/4		3/4	3,228.26	3/4	3,043.16	3/4	2,851.65	3/4	2,660.14	3/4	2,468.63	3/4	2,277.12	3/4	2,085.61	3/4	1,894.10	3/4	1,702.58		
3		3	3,225.46	3	3,039.17	3	2,847.66	3	2,656.15	3	2,464.64	3	2,273.13	3	2,081.62	3	1,890.11	3	1,698.60		
1/4		1/4	3,222.67	1/4	3,035.18	1/4	2,843.67	1/4	2,652.16	1/4	2,460.65	1/4	2,269.14	1/4	2,077.63	1/4	1,886.12	1/4	1,694.61		
1/2		1/2	3,219.88	1/2	3,031.19	1/2	2,839.68	1/2	2,648.17	1/2	2,456.66	1/2	2,265.15	1/2	2,073.64	1/2	1,882.13	1/2	1,690.62		
3/4		3/4	3,217.09	3/4	3,027.20	3/4	2,835.69	3/4	2,644.18	3/4	2,452.67	3/4	2,261.16	3/4	2,069.65	3/4	1,878.14	3/4	1,686.63		
4		4	3,213.49	4	3,023.21	4	2,831.70	4	2,640.19	4	2,448.68	4	2,257.17	4	2,065.66	4	1,874.15	4	1,682.64		
1/4		1/4	3,209.90	1/4	3,019.22	1/4	2,827.71	1/4	2,636.20	1/4	2,444.69	1/4	2,253.18	1/4	2,061.67	1/4	1,870.16	1/4	1,678.65		
1/2		1/2	3,206.31	1/2	3,015.23	1/2	2,823.72	1/2	2,632.21	1/2	2,440.70	1/2	2,249.19	1/2	2,057.68	1/2	1,866.17	1/2	1,674.66		
3/4		3/4	3,202.72	3/4	3,011.24	3/4	2,819.73	3/4	2,628.22	3/4	2,436.71	3/4	2,245.20	3/4	2,053.69	3/4	1,862.18	3/4	1,670.67		
5		5	3,198.74	5	3,007.25	5	2,815.74	5	2,624.23	5	2,432.72	5	2,241.21	5	2,049.70	5	1,858.19	5	1,666.68		
1/4		1/4	3,194.76	1/4	3,003.26	1/4	2,811.75	1/4	2,620.24	1/4	2,428.73	1/4	2,237.22	1/4	2,045.71	1/4	1,854.20	1/4	1,662.69		
1/2		1/2	3,190.77	1/2	2,999.27	1/2	2,807.76	1/2	2,616.25	1/2	2,424.74	1/2	2,233.23	1/2	2,041.72	1/2	1,850.21	1/2	1,658.70		
3/4		3/4	3,186.79	3/4	2,995.28	3/4	2,803.77	3/4	2,612.26	3/4	2,420.75	3/4	2,229.24	3/4	2,037.73	3/4	1,846.22	3/4	1,654.71		
6		6	3,182.80	6	2,991.29	6	2,799.78	6	2,608.27	6	2,416.76	6	2,225.25	6	2,033.74	6	1,842.23	6	1,650.72		
1/4		1/4	3,178.81	1/4	2,987.30	1/4	2,795.79	1/4	2,604.28	1/4	2,412.77	1/4	2,221.26	1/4	2,029.75	1/4	1,838.24	1/4	1,646.73		
1/2		1/2	3,174.82	1/2	2,983.31	1/2	2,791.80	1/2	2,600.29	1/2	2,408.78	1/2	2,217.27	1/2	2,025.76	1/2	1,834.25	1/2	1,642.74		
3/4		3/4	3,170.83	3/4	2,979.32	3/4	2,787.81	3/4	2,596.30	3/4	2,404.79	3/4	2,213.28	3/4	2,021.77	3/4	1,830.26	3/4	1,638.75		
7		7	3,166.84	7	2,975.33	7	2,783.82	7	2,592.31	7	2,400.80	7	2,209.29	7	2,017.78	7	1,826.27	7	1,634.76		
1/4		1/4	3,162.85	1/4	2,971.34	1/4	2,779.83	1/4	2,588.32	1/4	2,396.81	1/4	2,205.30	1/4	2,013.79	1/4	1,822.28	1/4	1,630.77		
1/2		1/2	3,158.86	1/2	2,967.35	1/2	2,775.84	1/2	2,584.33	1/2	2,392.82	1/2	2,201.31	1/2	2,009.80	1/2	1,818.29	1/2	1,626.78		
3/4		3/4	3,154.87	3/4	2,963.36	3/4	2,771.85	3/4	2,580.34	3/4	2,388.83	3/4	2,197.32	3/4	2,005.81	3/4	1,814.30	3/4	1,622.79		
8		8	3,150.88	8	2,959.37	8	2,767.86	8	2,576.35	8	2,384.84	8	2,193.33	8	2,001.82	8	1,810.31	8	1,618.80		
1/4		1/4	3,146.89	1/4	2,955.38	1/4	2,763.87	1/4	2,572.36	1/4	2,380.85	1/4	2,189.34	1/4	1,997.83	1/4	1,806.32	1/4	1,614.81		
1/2		1/2	3,142.90	1/2	2,951.39	1/2	2,759.88	1/2	2,568.37	1/2	2,376.86	1/2	2,185.35	1/2	1,993.84	1/2	1,802.33	1/2	1,610.82		
3/4		3/4	3,138.91	3/4	2,947.40	3/4	2,755.89	3/4	2,564.38	3/4	2,372.87	3/4	2,181.36	3/4	1,989.85	3/4	1,798.34	3/4	1,606.83		
9		9	3,134.92	9	2,943.41	9	2,751.90	9	2,560.39	9	2,368.88	9	2,177.37	9	1,985.86	9	1,794.35	9	1,602.84		
1/4		1/4	3,130.93	1/4	2,939.42	1/4	2,747.91	1/4	2,556.40	1/4	2,364.89	1/4	2,173.38	1/4	1,981.87	1/4	1,790.36	1/4	1,598.85		
1/2		1/2	3,126.94	1/2	2,935.43	1/2	2,743.92	1/2	2,552.41	1/2	2,360.90	1/2	2,169.39	1/2	1,977.88	1/2	1,786.37	1/2	1,594.86		
3/4		3/4	3,122.95	3/4	2,931.44	3/4	2,739.93	3/4	2,548.42	3/4	2,356.91	3/4	2,165.40	3/4	1,973.89	3/4	1,782.38	3/4	1,590.87		
10		10	3,118.96	10	2,927.45	10	2,735.94	10	2,544.43	10	2,352.92	10	2,161.41	10	1,969.90	10	1,778.39	10	1,586.88		
1/4		1/4	3,114.97	1/4	2,923.46	1/4	2,731.95	1/4	2,540.44	1/4	2,348.93	1/4	2,157.42	1/4	1,965.91	1/4	1,774.40	1/4	1,582.89		
1/2		1/2	3,110.98	1/2	2,919.47	1/2	2,727.96	1/2	2,536.45	1/2	2,344.94	1/2	2,153.43	1/2	1,961.92	1/2	1,770.41	1/2	1,578.90		
3/4		3/4	3,106.99	3/4	2,915.48	3/4	2,723.97	3/4	2,532.46	3/4	2,340.95	3/4	2,149.44	3/4	1,957.93	3/4	1,766.42	3/4	1,574.91		
11		11	3,103.00	11	2,911.49	11	2,719.98	11	2,528.47	11	2,336.96	11	2,145.45	11	1,953.94	11	1,762.43	11	1,570.92		
1/4		1/4	3,099.01	1/4	2,907.50	1/4	2,715.99	1/4	2,524.48	1/4	2,332.97	1/4	2,141.46	1/4	1,949.95	1/4	1,758.44	1/4	1,566.93		
1/2		1/2	3,095.03	1/2	2,903.51	1/2	2,712.00	1/2	2,520.49	1/2	2,328.98	1/2	2,137.47	1/2	1,945.96	1/2	1,754.45	1/2	1,562.94		
3/4		3/4	3,242.62	3/4	3,091.04	3/4	2,899.52	3/4	2,708.01	3/4	2,516.50	3/4	2,324.99	3/4	2,133.48	3/4	1,941.97	3/4	1,750.46	3/4	1,558.95

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 21'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 252"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,554.96	0	1,363.45	0	1,171.94	0	980.43	0	788.92	0	598.53	0	411.11	0	219.61	0	30.62	0	
1/4	1,550.97	1/4	1,359.46	1/4	1,167.95	1/4	976.44	1/4	784.93	1/4	594.68	1/4	407.13	1/4	215.62	1/4	27.62	1/4	
1/2	1,546.98	1/2	1,355.47	1/2	1,163.96	1/2	972.45	1/2	780.94	1/2	590.82	1/2	403.14	1/2	211.63	1/2	24.63	1/2	
3/4	1,542.99	3/4	1,351.48	3/4	1,159.97	3/4	968.46	3/4	776.95	3/4	586.97	3/4	399.15	3/4	207.65	3/4	21.64	3/4	
1	1,539.00	1	1,347.49	1	1,155.98	1	964.47	1	772.96	1	583.11	1	395.16	1	203.66	1	19.31	1	
1/4	1,535.01	1/4	1,343.50	1/4	1,151.99	1/4	960.48	1/4	768.97	1/4	579.26	1/4	391.17	1/4	199.67	1/4	16.98	1/4	
1/2	1,531.02	1/2	1,339.51	1/2	1,148.00	1/2	956.49	1/2	764.98	1/2	575.40	1/2	387.18	1/2	195.68	1/2	14.66	1/2	
3/4	1,527.03	3/4	1,335.52	3/4	1,144.01	3/4	952.50	3/4	760.99	3/4	571.55	3/4	383.19	3/4	191.69	3/4	12.33	3/4	
2	1,523.04	2	1,331.53	2	1,140.02	2	948.51	2	757.00	2	567.69	2	379.20	2	187.70	2	10.67	2	
1/4	1,519.05	1/4	1,327.54	1/4	1,136.03	1/4	944.52	1/4	753.01	1/4	563.84	1/4	375.21	1/4	183.71	1/4	9.01	1/4	
1/2	1,515.06	1/2	1,323.55	1/2	1,132.04	1/2	940.53	1/2	749.02	1/2	559.98	1/2	371.22	1/2	179.72	1/2	7.34	1/2	
3/4	1,511.07	3/4	1,319.56	3/4	1,128.05	3/4	936.54	3/4	745.03	3/4	556.13	3/4	367.23	3/4	175.73	3/4	5.68	3/4	
3	1,507.08	3	1,315.57	3	1,124.06	3	932.55	3	741.04	3	552.27	3	363.24	3	171.74	3	4.68	3	
1/4	1,503.09	1/4	1,311.58	1/4	1,120.07	1/4	928.56	1/4	737.05	1/4	548.42	1/4	359.25	1/4	167.75	1/4	3.69	1/4	
1/2	1,499.11	1/2	1,307.59	1/2	1,116.08	1/2	924.57	1/2	733.06	1/2	544.56	1/2	355.26	1/2	163.76	1/2	2.69	1/2	
3/4	1,495.12	3/4	1,303.60	3/4	1,112.09	3/4	920.58	3/4	729.07	3/4	540.71	3/4	351.27	3/4	159.77	3/4	1.69	3/4	
4	1,491.13	4	1,299.62	4	1,108.10	4	916.59	4	725.08	4	536.85	4	347.28	4	155.78	4	1.36	4	
1/4	1,487.14	1/4	1,295.63	1/4	1,104.11	1/4	912.60	1/4	721.09	1/4	533.00	1/4	343.29	1/4	151.79	1/4	1.03	1/4	
1/2	1,483.15	1/2	1,291.64	1/2	1,100.13	1/2	908.61	1/2	717.10	1/2	529.14	1/2	339.30	1/2	147.80	1/2	0.70	1/2	
3/4	1,479.16	3/4	1,287.65	3/4	1,096.14	3/4	904.62	3/4	713.11	3/4	525.29	3/4	335.31	3/4	143.81	3/4	0.37	3/4	
5	1,475.17	5	1,283.66	5	1,092.15	5	900.64	5	709.12	5	521.43	5	331.32	5	139.82	5		5	
1/4	1,471.18	1/4	1,279.67	1/4	1,088.16	1/4	896.65	1/4	705.13	1/4	517.58	1/4	327.33	1/4	135.83	1/4		1/4	
1/2	1,467.19	1/2	1,275.68	1/2	1,084.17	1/2	892.66	1/2	701.15	1/2	513.72	1/2	323.34	1/2	131.84	1/2		1/2	
3/4	1,463.20	3/4	1,271.69	3/4	1,080.18	3/4	888.67	3/4	697.16	3/4	509.87	3/4	319.35	3/4	127.85	3/4		3/4	
6	1,459.21	6	1,267.70	6	1,076.19	6	884.68	6	693.17	6	506.01	6	315.36	6	123.86	6		6	
1/4	1,455.22	1/4	1,263.71	1/4	1,072.20	1/4	880.69	1/4	689.18	1/4	502.16	1/4	311.37	1/4	119.87	1/4		1/4	
1/2	1,451.23	1/2	1,259.72	1/2	1,068.21	1/2	876.70	1/2	685.19	1/2	498.30	1/2	307.39	1/2	115.88	1/2		1/2	
3/4	1,447.24	3/4	1,255.73	3/4	1,064.22	3/4	872.71	3/4	681.20	3/4	494.45	3/4	303.40	3/4	111.89	3/4		3/4	
7	1,443.25	7	1,251.74	7	1,060.23	7	868.72	7	677.21	7	490.57	7	299.41	7	107.91	7		7	
1/4	1,439.26	1/4	1,247.75	1/4	1,056.24	1/4	864.73	1/4	673.22	1/4	486.69	1/4	295.42	1/4	103.92	1/4		1/4	
1/2	1,435.27	1/2	1,243.76	1/2	1,052.25	1/2	860.74	1/2	669.23	1/2	482.82	1/2	291.43	1/2	99.93	1/2		1/2	
3/4	1,431.28	3/4	1,239.77	3/4	1,048.26	3/4	856.75	3/4	665.24	3/4	478.94	3/4	287.44	3/4	95.94	3/4		3/4	
8	1,427.29	8	1,235.78	8	1,044.27	8	852.76	8	661.25	8	474.95	8	283.45	8	91.95	8		8	
1/4	1,423.30	1/4	1,231.79	1/4	1,040.28	1/4	848.77	1/4	657.26	1/4	470.96	1/4	279.46	1/4	87.96	1/4		1/4	
1/2	1,419.31	1/2	1,227.80	1/2	1,036.29	1/2	844.78	1/2	653.27	1/2	466.97	1/2	275.47	1/2	83.97	1/2		1/2	
3/4	1,415.32	3/4	1,223.81	3/4	1,032.30	3/4	840.79	3/4	649.28	3/4	462.98	3/4	271.48	3/4	79.98	3/4		3/4	
9	1,411.33	9	1,219.82	9	1,028.31	9	836.80	9	645.29	9	458.99	9	267.49	9	76.00	9		9	
1/4	1,407.34	1/4	1,215.83	1/4	1,024.32	1/4	832.81	1/4	641.30	1/4	455.00	1/4	263.50	1/4	72.02	1/4		1/4	
1/2	1,403.35	1/2	1,211.84	1/2	1,020.33	1/2	828.82	1/2	637.31	1/2	451.01	1/2	259.51	1/2	68.04	1/2		1/2	
3/4	1,399.36	3/4	1,207.85	3/4	1,016.34	3/4	824.83	3/4	633.32	3/4	447.02	3/4	255.52	3/4	64.06	3/4		3/4	
10	1,395.37	10	1,203.86	10	1,012.35	10	820.84	10	629.44	10	443.03	10	251.53	10	60.10	10		10	
1/4	1,391.38	1/4	1,199.87	1/4	1,008.36	1/4	816.85	1/4	625.56	1/4	439.04	1/4	247.54	1/4	56.14	1/4		1/4	
1/2	1,387.39	1/2	1,195.88	1/2	1,004.37	1/2	812.86	1/2	621.69	1/2	435.05	1/2	243.55	1/2	52.18	1/2		1/2	
3/4	1,383.40	3/4	1,191.89	3/4	1,000.38	3/4	808.87	3/4	617.81	3/4	431.06	3/4	239.56	3/4	48.22	3/4		3/4	
11	1,379.41	11	1,187.90	11	996.39	11	804.88	11	613.95	11	427.07	11	235.57	11	44.57	11		11	
1/4	1,375.42	1/4	1,183.91	1/4	992.40	1/4	800.89	1/4	610.10	1/4	423.08	1/4	231.58	1/4	40.92	1/4		1/4	
1/2	1,371.43	1/2	1,179.92	1/2	988.41	1/2	796.90	1/2	606.24	1/2	419.09	1/2	227.59	1/2	37.26	1/2		1/2	
3/4	1,367.44	3/4	1,175.93	3/4	984.42	3/4	792.91	3/4	602.39	3/4	415.10	3/4	223.60	3/4	33.61	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/04/2019 SW JS
CALCULATED: 02/05/2019 CL
PRINTED: 02/10/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "DBL 252"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	3,565.86	0	3,399.36	0	3,188.97	0	2,978.58	0	2,768.19	0	2,557.80	0	2,347.41	0	2,137.02	0	1,926.63
1/4		1/4	3,565.42	1/4	3,394.97	1/4	3,184.58	1/4	2,974.20	1/4	2,763.81	1/4	2,553.42	1/4	2,343.03	1/4	2,132.64	1/4	1,922.25
1/2		1/2	3,564.98	1/2	3,390.59	1/2	3,180.20	1/2	2,969.81	1/2	2,759.42	1/2	2,549.04	1/2	2,338.65	1/2	2,128.26	1/2	1,917.87
3/4		3/4	3,564.55	3/4	3,386.21	3/4	3,175.82	3/4	2,965.43	3/4	2,755.04	3/4	2,544.65	3/4	2,334.26	3/4	2,123.87	3/4	1,913.49
1		1	3,564.11	1	3,381.82	1	3,171.44	1	2,961.05	1	2,750.66	1	2,540.27	1	2,329.88	1	2,119.49	1	1,909.10
1/4		1/4	3,562.79	1/4	3,377.44	1/4	3,167.05	1/4	2,956.66	1/4	2,746.27	1/4	2,535.89	1/4	2,325.50	1/4	2,115.11	1/4	1,904.72
1/2		1/2	3,561.48	1/2	3,373.06	1/2	3,162.67	1/2	2,952.28	1/2	2,741.89	1/2	2,531.50	1/2	2,321.11	1/2	2,110.73	1/2	1,900.34
3/4		3/4	3,560.16	3/4	3,368.67	3/4	3,158.29	3/4	2,947.90	3/4	2,737.51	3/4	2,527.12	3/4	2,316.73	3/4	2,106.34	3/4	1,895.95
2		2	3,558.85	2	3,364.29	2	3,153.90	2	2,943.51	2	2,733.13	2	2,522.74	2	2,312.35	2	2,101.96	2	1,891.57
1/4		1/4	3,556.66	1/4	3,359.91	1/4	3,149.52	1/4	2,939.13	1/4	2,728.74	1/4	2,518.35	1/4	2,307.96	1/4	2,097.58	1/4	1,887.19
1/2		1/2	3,554.46	1/2	3,355.53	1/2	3,145.14	1/2	2,934.75	1/2	2,724.36	1/2	2,513.97	1/2	2,303.58	1/2	2,093.19	1/2	1,882.80
3/4		3/4	3,552.27	3/4	3,351.14	3/4	3,140.75	3/4	2,930.36	3/4	2,719.98	3/4	2,509.59	3/4	2,299.20	3/4	2,088.81	3/4	1,878.42
3		3	3,550.08	3	3,346.76	3	3,136.37	3	2,925.98	3	2,715.59	3	2,505.20	3	2,294.82	3	2,084.43	3	1,874.04
1/4		1/4	3,547.01	1/4	3,342.38	1/4	3,131.99	1/4	2,921.60	1/4	2,711.21	1/4	2,500.82	1/4	2,290.43	1/4	2,080.04	1/4	1,869.65
1/2		1/2	3,543.94	1/2	3,337.99	1/2	3,127.60	1/2	2,917.22	1/2	2,706.83	1/2	2,496.44	1/2	2,286.05	1/2	2,075.66	1/2	1,865.27
3/4		3/4	3,540.88	3/4	3,333.61	3/4	3,123.22	3/4	2,912.83	3/4	2,702.44	3/4	2,492.05	3/4	2,281.67	3/4	2,071.28	3/4	1,860.89
4		4	3,537.81	4	3,329.23	4	3,118.84	4	2,908.45	4	2,698.06	4	2,487.67	4	2,277.28	4	2,066.89	4	1,856.51
1/4		1/4	3,533.86	1/4	3,324.84	1/4	3,114.45	1/4	2,904.07	1/4	2,693.68	1/4	2,483.29	1/4	2,272.90	1/4	2,062.51	1/4	1,852.12
1/2		1/2	3,529.92	1/2	3,320.46	1/2	3,110.07	1/2	2,899.68	1/2	2,689.29	1/2	2,478.91	1/2	2,268.52	1/2	2,058.13	1/2	1,847.74
3/4		3/4	3,525.98	3/4	3,316.08	3/4	3,105.69	3/4	2,895.30	3/4	2,684.91	3/4	2,474.52	3/4	2,264.13	3/4	2,053.74	3/4	1,843.36
5		5	3,522.03	5	3,311.69	5	3,101.31	5	2,890.92	5	2,680.53	5	2,470.14	5	2,259.75	5	2,049.36	5	1,838.97
1/4		1/4	3,517.66	1/4	3,307.31	1/4	3,096.92	1/4	2,886.53	1/4	2,676.14	1/4	2,465.76	1/4	2,255.37	1/4	2,044.98	1/4	1,834.59
1/2		1/2	3,513.29	1/2	3,302.93	1/2	3,092.54	1/2	2,882.15	1/2	2,671.76	1/2	2,461.37	1/2	2,250.98	1/2	2,040.60	1/2	1,830.21
3/4		3/4	3,508.92	3/4	3,298.55	3/4	3,088.16	3/4	2,877.77	3/4	2,667.38	3/4	2,456.99	3/4	2,246.60	3/4	2,036.21	3/4	1,825.82
6		6	3,504.55	6	3,294.16	6	3,083.77	6	2,873.38	6	2,663.00	6	2,452.61	6	2,242.22	6	2,031.83	6	1,821.44
1/4		1/4	3,500.17	1/4	3,289.78	1/4	3,079.39	1/4	2,869.00	1/4	2,658.61	1/4	2,448.22	1/4	2,237.83	1/4	2,027.45	1/4	1,817.06
1/2		1/2	3,495.78	1/2	3,285.40	1/2	3,075.01	1/2	2,864.62	1/2	2,654.23	1/2	2,443.84	1/2	2,233.45	1/2	2,023.06	1/2	1,812.67
3/4		3/4	3,491.40	3/4	3,281.01	3/4	3,070.62	3/4	2,860.24	3/4	2,649.85	3/4	2,439.46	3/4	2,229.07	3/4	2,018.68	3/4	1,808.29
7		7	3,487.02	7	3,276.63	7	3,066.24	7	2,855.85	7	2,645.46	7	2,435.07	7	2,224.69	7	2,014.30	7	1,803.91
1/4		1/4	3,482.64	1/4	3,272.25	1/4	3,061.86	1/4	2,851.47	1/4	2,641.08	1/4	2,430.69	1/4	2,220.30	1/4	2,009.91	1/4	1,799.52
1/2		1/2	3,478.25	1/2	3,267.86	1/2	3,057.47	1/2	2,847.09	1/2	2,636.70	1/2	2,426.31	1/2	2,215.92	1/2	2,005.53	1/2	1,795.14
3/4		3/4	3,473.87	3/4	3,263.48	3/4	3,053.09	3/4	2,842.70	3/4	2,632.31	3/4	2,421.93	3/4	2,211.54	3/4	2,001.15	3/4	1,790.76
8		8	3,469.49	8	3,259.10	8	3,048.71	8	2,838.32	8	2,627.93	8	2,417.54	8	2,207.15	8	1,996.76	8	1,786.38
1/4		1/4	3,465.10	1/4	3,254.71	1/4	3,044.33	1/4	2,833.94	1/4	2,623.55	1/4	2,413.16	1/4	2,202.77	1/4	1,992.38	1/4	1,781.99
1/2		1/2	3,460.72	1/2	3,250.33	1/2	3,039.94	1/2	2,829.55	1/2	2,619.16	1/2	2,408.78	1/2	2,198.39	1/2	1,988.00	1/2	1,777.61
3/4		3/4	3,456.34	3/4	3,245.95	3/4	3,035.56	3/4	2,825.17	3/4	2,614.78	3/4	2,404.39	3/4	2,194.00	3/4	1,983.62	3/4	1,773.23
9		9	3,451.95	9	3,241.56	9	3,031.18	9	2,820.79	9	2,610.40	9	2,400.01	9	2,189.62	9	1,979.23	9	1,768.84
1/4		1/4	3,447.57	1/4	3,237.18	1/4	3,026.79	1/4	2,816.40	1/4	2,606.02	1/4	2,395.63	1/4	2,185.24	1/4	1,974.85	1/4	1,764.46
1/2		1/2	3,443.19	1/2	3,232.80	1/2	3,022.41	1/2	2,812.02	1/2	2,601.63	1/2	2,391.24	1/2	2,180.85	1/2	1,970.47	1/2	1,760.08
3/4		3/4	3,438.80	3/4	3,228.42	3/4	3,018.03	3/4	2,807.64	3/4	2,597.25	3/4	2,386.86	3/4	2,176.47	3/4	1,966.08	3/4	1,755.69
10		10	3,434.42	10	3,224.03	10	3,013.64	10	2,803.25	10	2,592.87	10	2,382.48	10	2,172.09	10	1,961.70	10	1,751.31
1/4		1/4	3,430.04	1/4	3,219.65	1/4	3,009.26	1/4	2,798.87	1/4	2,588.48	1/4	2,378.09	1/4	2,167.71	1/4	1,957.32	1/4	1,746.93
1/2		1/2	3,425.66	1/2	3,215.27	1/2	3,004.88	1/2	2,794.49	1/2	2,584.10	1/2	2,373.71	1/2	2,163.32	1/2	1,952.93	1/2	1,742.54
3/4		3/4	3,421.27	3/4	3,210.88	3/4	3,000.49	3/4	2,790.11	3/4	2,579.72	3/4	2,369.33	3/4	2,158.94	3/4	1,948.55	3/4	1,738.16
11		11	3,416.89	11	3,206.50	11	2,996.11	11	2,785.72	11	2,575.33	11	2,364.94	11	2,154.56	11	1,944.17	11	1,733.78
1/4		1/4	3,412.51	1/4	3,202.12	1/4	2,991.73	1/4	2,781.34	1/4	2,570.95	1/4	2,360.56	1/4	2,150.17	1/4	1,939.78	1/4	1,729.40
1/2		1/2	3,408.12	1/2	3,197.73	1/2	2,987.35	1/2	2,776.96	1/2	2,566.57	1/2	2,356.18	1/2	2,145.79	1/2	1,935.40	1/2	1,725.01
3/4		3/4	3,403.74	3/4	3,193.35	3/4	2,982.96	3/4	2,772.57	3/4	2,562.18	3/4	2,351.80	3/4	2,141.41	3/4	1,931.02	3/4	1,720.63

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 18'-03" 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 252"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05"

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	1,716.25	0	1,505.86	0	1,295.47	0	1,085.08	0	874.69	0	664.66	0	455.98	0	245.61	0	36.89	0	
1/4	1,711.86	1/4	1,501.47	1/4	1,291.09	1/4	1,080.70	1/4	870.31	1/4	660.34	1/4	451.60	1/4	241.23	1/4	33.60	1/4	
1/2	1,707.48	1/2	1,497.09	1/2	1,286.70	1/2	1,076.31	1/2	865.92	1/2	656.01	1/2	447.22	1/2	236.84	1/2	30.31	1/2	
3/4	1,703.10	3/4	1,492.71	3/4	1,282.32	3/4	1,071.93	3/4	861.54	3/4	651.68	3/4	442.84	3/4	232.46	3/4	27.03	3/4	
1	1,698.71	1	1,488.32	1	1,277.94	1	1,067.55	1	857.16	1	647.36	1	438.45	1	228.08	1	23.74	1	
1/4	1,694.33	1/4	1,483.94	1/4	1,273.55	1/4	1,063.16	1/4	852.78	1/4	643.03	1/4	434.07	1/4	223.70	1/4	21.18	1/4	
1/2	1,689.95	1/2	1,479.56	1/2	1,269.17	1/2	1,058.78	1/2	848.39	1/2	638.70	1/2	429.69	1/2	219.31	1/2	18.63	1/2	
3/4	1,685.56	3/4	1,475.18	3/4	1,264.79	3/4	1,054.40	3/4	844.01	3/4	634.37	3/4	425.30	3/4	214.93	3/4	16.07	3/4	
2	1,681.18	2	1,470.79	2	1,260.40	2	1,050.01	2	839.63	2	630.05	2	420.92	2	210.55	2	13.51	2	
1/4	1,676.80	1/4	1,466.41	1/4	1,256.02	1/4	1,045.63	1/4	835.24	1/4	625.72	1/4	416.54	1/4	206.16	1/4	11.69	1/4	
1/2	1,672.42	1/2	1,462.03	1/2	1,251.64	1/2	1,041.25	1/2	830.86	1/2	621.39	1/2	412.16	1/2	201.78	1/2	9.86	1/2	
3/4	1,668.03	3/4	1,457.64	3/4	1,247.25	3/4	1,036.87	3/4	826.48	3/4	617.07	3/4	407.77	3/4	197.40	3/4	8.03	3/4	
3	1,663.65	3	1,453.26	3	1,242.87	3	1,032.48	3	822.09	3	612.74	3	403.39	3	193.02	3	6.21	3	
1/4	1,659.27	1/4	1,448.88	1/4	1,238.49	1/4	1,028.10	1/4	817.71	1/4	608.41	1/4	399.01	1/4	188.63	1/4	5.11	1/4	
1/2	1,654.88	1/2	1,444.49	1/2	1,234.11	1/2	1,023.72	1/2	813.33	1/2	604.09	1/2	394.62	1/2	184.25	1/2	4.02	1/2	
3/4	1,650.50	3/4	1,440.11	3/4	1,229.72	3/4	1,019.33	3/4	808.94	3/4	599.76	3/4	390.24	3/4	179.87	3/4	2.92	3/4	
4	1,646.12	4	1,435.73	4	1,225.34	4	1,014.95	4	804.56	4	595.43	4	385.86	4	175.48	4	1.83	4	
1/4	1,641.73	1/4	1,431.34	1/4	1,220.96	1/4	1,010.57	1/4	800.18	1/4	591.11	1/4	381.48	1/4	171.10	1/4	1.46	1/4	
1/2	1,637.35	1/2	1,426.96	1/2	1,216.57	1/2	1,006.18	1/2	795.79	1/2	586.78	1/2	377.09	1/2	166.72	1/2	1.10	1/2	
3/4	1,632.97	3/4	1,422.58	3/4	1,212.19	3/4	1,001.80	3/4	791.41	3/4	582.45	3/4	372.71	3/4	162.34	3/4	0.73	3/4	
5	1,628.58	5	1,418.20	5	1,207.81	5	997.42	5	787.03	5	578.13	5	368.33	5	157.95	5	0.37	5	
1/4	1,624.20	1/4	1,413.81	1/4	1,203.42	1/4	993.03	1/4	782.65	1/4	573.80	1/4	363.95	1/4	153.57	1/4		1/4	
1/2	1,619.82	1/2	1,409.43	1/2	1,199.04	1/2	988.65	1/2	778.26	1/2	569.47	1/2	359.56	1/2	149.19	1/2		1/2	
3/4	1,615.43	3/4	1,405.05	3/4	1,194.66	3/4	984.27	3/4	773.88	3/4	565.14	3/4	355.18	3/4	144.81	3/4		3/4	
6	1,611.05	6	1,400.66	6	1,190.27	6	979.89	6	769.50	6	560.82	6	350.80	6	140.42	6		6	
1/4	1,606.67	1/4	1,396.28	1/4	1,185.89	1/4	975.50	1/4	765.11	1/4	556.49	1/4	346.41	1/4	136.04	1/4		1/4	
1/2	1,602.29	1/2	1,391.90	1/2	1,181.51	1/2	971.12	1/2	760.73	1/2	552.16	1/2	342.03	1/2	131.66	1/2		1/2	
3/4	1,597.90	3/4	1,387.51	3/4	1,177.12	3/4	966.74	3/4	756.35	3/4	547.84	3/4	337.65	3/4	127.27	3/4		3/4	
7	1,593.52	7	1,383.13	7	1,172.74	7	962.35	7	751.96	7	543.51	7	333.27	7	122.89	7		7	
1/4	1,589.14	1/4	1,378.75	1/4	1,168.36	1/4	957.97	1/4	747.58	1/4	539.16	1/4	328.88	1/4	118.51	1/4		1/4	
1/2	1,584.75	1/2	1,374.36	1/2	1,163.98	1/2	953.59	1/2	743.20	1/2	534.81	1/2	324.50	1/2	114.13	1/2		1/2	
3/4	1,580.37	3/4	1,369.98	3/4	1,159.59	3/4	949.20	3/4	738.81	3/4	530.46	3/4	320.12	3/4	109.74	3/4		3/4	
8	1,575.99	8	1,365.60	8	1,155.21	8	944.82	8	734.43	8	526.11	8	315.73	8	105.36	8		8	
1/4	1,571.60	1/4	1,361.21	1/4	1,150.83	1/4	940.44	1/4	730.05	1/4	521.73	1/4	311.35	1/4	100.98	1/4		1/4	
1/2	1,567.22	1/2	1,356.83	1/2	1,146.44	1/2	936.05	1/2	725.67	1/2	517.34	1/2	306.97	1/2	96.60	1/2		1/2	
3/4	1,562.84	3/4	1,352.45	3/4	1,142.06	3/4	931.67	3/4	721.28	3/4	512.96	3/4	302.59	3/4	92.21	3/4		3/4	
9	1,558.45	9	1,348.07	9	1,137.68	9	927.29	9	716.90	9	508.58	9	298.20	9	87.83	9		9	
1/4	1,554.07	1/4	1,343.68	1/4	1,133.29	1/4	922.90	1/4	712.52	1/4	504.19	1/4	293.82	1/4	83.46	1/4		1/4	
1/2	1,549.69	1/2	1,339.30	1/2	1,128.91	1/2	918.52	1/2	708.13	1/2	499.81	1/2	289.44	1/2	79.09	1/2		1/2	
3/4	1,545.31	3/4	1,334.92	3/4	1,124.53	3/4	914.14	3/4	703.75	3/4	495.43	3/4	285.05	3/4	74.71	3/4		3/4	
10	1,540.92	10	1,330.53	10	1,120.14	10	909.76	10	699.37	10	491.05	10	280.67	10	70.34	10		10	
1/4	1,536.54	1/4	1,326.15	1/4	1,115.76	1/4	905.37	1/4	695.02	1/4	486.66	1/4	276.29	1/4	65.99	1/4		1/4	
1/2	1,532.16	1/2	1,321.77	1/2	1,111.38	1/2	900.99	1/2	690.67	1/2	482.28	1/2	271.91	1/2	61.64	1/2		1/2	
3/4	1,527.77	3/4	1,317.38	3/4	1,107.00	3/4	896.61	3/4	686.32	3/4	477.90	3/4	267.52	3/4	57.29	3/4		3/4	
11	1,523.39	11	1,313.00	11	1,102.61	11	892.22	11	681.97	11	473.52	11	263.14	11	52.95	11		11	
1/4	1,519.01	1/4	1,308.62	1/4	1,098.23	1/4	887.84	1/4	677.64	1/4	469.13	1/4	258.76	1/4	48.93	1/4		1/4	
1/2	1,514.62	1/2	1,304.23	1/2	1,093.85	1/2	883.46	1/2	673.32	1/2	464.75	1/2	254.38	1/2	44.92	1/2		1/2	
3/4	1,510.24	3/4	1,299.85	3/4	1,089.46	3/4	879.07	3/4	668.99	3/4	460.37	3/4	249.99	3/4	40.90	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/04/2019 SW JS
CALCULATED: 02/05/2019 CL
PRINTED: 02/10/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>

