



BARGE "DBL 254"

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	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-3/4	- 00-3/4
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	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8

(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"

April 9, 2019

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

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BARGE "DBL 254"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	2,842.25	0	2,686.36	0	2,530.48	0	2,374.59	0	2,218.71	0	2,062.82	0	1,906.30	0	1,719.66
1/4		1/4		1/4	2,839.00	1/4	2,683.12	1/4	2,527.23	1/4	2,371.15	1/4	2,215.46	1/4	2,059.58	1/4	1,902.41	1/4	1,715.77
1/2		1/2		1/2	2,835.75	1/2	2,679.87	1/2	2,523.98	1/2	2,368.10	1/2	2,212.21	1/2	2,056.33	1/2	1,898.52	1/2	1,711.88
3/4		3/4	2,965.23	3/4	2,832.51	3/4	2,676.62	3/4	2,520.74	3/4	2,364.85	3/4	2,208.97	3/4	2,053.08	3/4	1,894.63	3/4	1,708.00
1		1	2,964.84	1	2,829.26	1	2,673.37	1	2,517.49	1	2,361.60	1	2,205.72	1	2,049.83	1	1,890.75	1	1,704.11
1/4		1/4	2,964.45	1/4	2,826.01	1/4	2,670.13	1/4	2,514.24	1/4	2,358.36	1/4	2,202.47	1/4	2,046.59	1/4	1,886.86	1/4	1,700.22
1/2		1/2	2,964.06	1/2	2,822.76	1/2	2,666.88	1/2	2,510.99	1/2	2,355.11	1/2	2,199.22	1/2	2,043.34	1/2	1,882.97	1/2	1,696.33
3/4		3/4	2,963.67	3/4	2,819.51	3/4	2,663.63	3/4	2,507.75	3/4	2,351.86	3/4	2,195.98	3/4	2,040.09	3/4	1,879.08	3/4	1,692.44
2		2	2,962.49	2	2,816.27	2	2,660.38	2	2,504.50	2	2,348.61	2	2,192.73	2	2,036.84	2	1,875.19	2	1,688.55
1/4		1/4	2,961.32	1/4	2,813.02	1/4	2,657.13	1/4	2,501.25	1/4	2,345.37	1/4	2,189.48	1/4	2,033.60	1/4	1,871.30	1/4	1,684.67
1/2		1/2	2,960.14	1/2	2,809.77	1/2	2,653.89	1/2	2,498.00	1/2	2,342.12	1/2	2,186.23	1/2	2,030.35	1/2	1,867.42	1/2	1,680.78
3/4		3/4	2,958.97	3/4	2,806.52	3/4	2,650.64	3/4	2,494.75	3/4	2,338.87	3/4	2,182.99	3/4	2,027.10	3/4	1,863.53	3/4	1,676.89
3		3	2,957.01	3	2,803.28	3	2,647.39	3	2,491.51	3	2,335.62	3	2,179.74	3	2,023.85	3	1,859.64	3	1,673.00
1/4		1/4	2,955.05	1/4	2,800.03	1/4	2,644.14	1/4	2,488.26	1/4	2,332.37	1/4	2,176.49	1/4	2,020.61	1/4	1,855.75	1/4	1,669.11
1/2		1/2	2,953.10	1/2	2,796.78	1/2	2,640.90	1/2	2,485.01	1/2	2,329.13	1/2	2,173.24	1/2	2,017.36	1/2	1,851.86	1/2	1,665.22
3/4		3/4	2,951.14	3/4	2,793.53	3/4	2,637.65	3/4	2,481.76	3/4	2,325.88	3/4	2,169.99	3/4	2,014.11	3/4	1,847.97	3/4	1,661.34
4		4	2,948.40	4	2,790.29	4	2,634.40	4	2,478.52	4	2,322.63	4	2,166.75	4	2,010.86	4	1,844.09	4	1,657.45
1/4		1/4	2,945.66	1/4	2,787.04	1/4	2,631.15	1/4	2,475.27	1/4	2,319.38	1/4	2,163.50	1/4	2,007.61	1/4	1,840.20	1/4	1,653.56
1/2		1/2	2,942.92	1/2	2,783.79	1/2	2,627.91	1/2	2,472.02	1/2	2,316.14	1/2	2,160.25	1/2	2,004.37	1/2	1,836.31	1/2	1,649.67
3/4		3/4	2,940.18	3/4	2,780.54	3/4	2,624.66	3/4	2,468.77	3/4	2,312.89	3/4	2,157.00	3/4	2,001.12	3/4	1,832.42	3/4	1,645.78
5		5	2,936.65	5	2,777.30	5	2,621.41	5	2,465.53	5	2,309.64	5	2,153.76	5	1,997.87	5	1,828.53	5	1,641.89
1/4		1/4	2,933.13	1/4	2,774.05	1/4	2,618.16	1/4	2,462.28	1/4	2,306.39	1/4	2,150.51	1/4	1,994.62	1/4	1,824.64	1/4	1,638.01
1/2		1/2	2,929.61	1/2	2,770.80	1/2	2,614.92	1/2	2,459.03	1/2	2,303.15	1/2	2,147.26	1/2	1,991.38	1/2	1,820.76	1/2	1,634.12
3/4		3/4	2,926.08	3/4	2,767.55	3/4	2,611.67	3/4	2,455.78	3/4	2,299.90	3/4	2,144.01	3/4	1,988.13	3/4	1,816.87	3/4	1,630.23
6		6	2,922.18	6	2,764.31	6	2,608.42	6	2,452.54	6	2,296.65	6	2,140.77	6	1,984.88	6	1,812.98	6	1,626.34
1/4		1/4	2,918.27	1/4	2,761.06	1/4	2,605.17	1/4	2,449.29	1/4	2,293.40	1/4	2,137.52	1/4	1,981.63	1/4	1,809.09	1/4	1,622.45
1/2		1/2	2,914.36	1/2	2,757.81	1/2	2,601.93	1/2	2,446.04	1/2	2,290.16	1/2	2,134.27	1/2	1,978.39	1/2	1,805.20	1/2	1,618.56
3/4		3/4	2,910.45	3/4	2,754.56	3/4	2,598.68	3/4	2,442.79	3/4	2,286.91	3/4	2,131.02	3/4	1,975.14	3/4	1,801.31	3/4	1,614.68
7		7	2,907.20	7	2,751.32	7	2,595.43	7	2,439.55	7	2,283.66	7	2,127.78	7	1,971.89	7	1,797.43	7	1,610.79
1/4		1/4	2,903.95	1/4	2,748.07	1/4	2,592.18	1/4	2,436.30	1/4	2,280.41	1/4	2,124.53	1/4	1,968.64	1/4	1,793.54	1/4	1,606.91
1/2		1/2	2,900.70	1/2	2,744.82	1/2	2,588.94	1/2	2,433.05	1/2	2,277.17	1/2	2,121.28	1/2	1,965.40	1/2	1,789.65	1/2	1,603.03
3/4		3/4	2,897.46	3/4	2,741.57	3/4	2,585.69	3/4	2,429.80	3/4	2,273.92	3/4	2,118.03	3/4	1,962.15	3/4	1,785.76	3/4	1,599.15
8		8	2,894.21	8	2,738.32	8	2,582.44	8	2,426.56	8	2,270.67	8	2,114.79	8	1,958.90	8	1,781.87	8	1,595.27
1/4		1/4	2,890.96	1/4	2,735.08	1/4	2,579.19	1/4	2,423.31	1/4	2,267.42	1/4	2,111.54	1/4	1,955.65	1/4	1,777.98	1/4	1,591.39
1/2		1/2	2,887.71	1/2	2,731.83	1/2	2,575.94	1/2	2,420.06	1/2	2,264.18	1/2	2,108.29	1/2	1,952.41	1/2	1,774.10	1/2	1,587.51
3/4		3/4	2,884.47	3/4	2,728.58	3/4	2,572.70	3/4	2,416.81	3/4	2,260.93	3/4	2,105.04	3/4	1,949.16	3/4	1,770.21	3/4	1,583.63
9		9	2,881.22	9	2,725.33	9	2,569.45	9	2,413.56	9	2,257.68	9	2,101.80	9	1,945.91	9	1,766.32	9	1,579.75
1/4		1/4	2,877.97	1/4	2,722.09	1/4	2,566.20	1/4	2,410.32	1/4	2,254.43	1/4	2,098.55	1/4	1,942.66	1/4	1,762.43	1/4	1,575.86
1/2		1/2	2,874.72	1/2	2,718.84	1/2	2,562.95	1/2	2,407.07	1/2	2,251.18	1/2	2,095.30	1/2	1,939.42	1/2	1,758.54	1/2	1,571.98
3/4		3/4	2,871.48	3/4	2,715.59	3/4	2,559.71	3/4	2,403.82	3/4	2,247.94	3/4	2,092.05	3/4	1,936.17	3/4	1,754.65	3/4	1,568.10
10		10	2,868.23	10	2,712.34	10	2,556.46	10	2,400.57	10	2,244.69	10	2,088.80	10	1,932.92	10	1,750.77	10	1,564.22
1/4		1/4	2,864.98	1/4	2,709.10	1/4	2,553.21	1/4	2,397.33	1/4	2,241.44	1/4	2,085.56	1/4	1,929.67	1/4	1,746.88	1/4	1,560.34
1/2		1/2	2,861.73	1/2	2,705.85	1/2	2,549.96	1/2	2,394.08	1/2	2,238.19	1/2	2,082.31	1/2	1,926.42	1/2	1,742.99	1/2	1,556.46
3/4		3/4	2,858.49	3/4	2,702.60	3/4	2,546.72	3/4	2,390.83	3/4	2,234.95	3/4	2,079.06	3/4	1,923.18	3/4	1,739.10	3/4	1,552.58
11		11	2,855.24	11	2,699.35	11	2,543.47	11	2,387.58	11	2,231.70	11	2,075.81	11	1,919.93	11	1,735.21	11	1,548.70
1/4		1/4	2,851.99	1/4	2,696.11	1/4	2,540.22	1/4	2,384.34	1/4	2,228.45	1/4	2,072.57	1/4	1,916.68	1/4	1,731.32	1/4	1,544.82
1/2		1/2	2,848.74	1/2	2,692.86	1/2	2,536.97	1/2	2,381.09	1/2	2,225.20	1/2	2,069.32	1/2	1,913.43	1/2	1,727.44	1/2	1,540.94
3/4		3/4	2,845.50	3/4	2,689.61	3/4	2,533.73	3/4	2,377.84	3/4	2,221.96	3/4	2,066.07	3/4	1,910.19	3/4	1,723.55	3/4	1,537.05

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 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
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BARGE "DBL 254"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 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	1,533.17	0	1,346.48	0	1,159.83	0	974.07	0	787.57	0	601.07	0	425.01	0	237.86	0	50.41	0	
1/4	1,529.29	1/4	1,342.59	1/4	1,155.97	1/4	970.19	1/4	783.69	1/4	597.19	1/4	421.12	1/4	233.94	1/4	46.83	1/4	
1/2	1,525.41	1/2	1,338.70	1/2	1,152.10	1/2	966.30	1/2	779.80	1/2	593.30	1/2	417.23	1/2	230.03	1/2	43.24	1/2	
3/4	1,521.53	3/4	1,334.81	3/4	1,148.24	3/4	962.42	3/4	775.92	3/4	589.42	3/4	413.33	3/4	226.11	3/4	39.65	3/4	
1	1,517.64	1	1,330.92	1	1,144.37	1	958.53	1	772.03	1	585.53	1	409.44	1	222.19	1	36.65	1	
1/4	1,513.75	1/4	1,327.03	1/4	1,140.51	1/4	954.65	1/4	768.15	1/4	581.65	1/4	405.55	1/4	218.28	1/4	33.65	1/4	
1/2	1,509.86	1/2	1,323.14	1/2	1,136.64	1/2	950.76	1/2	764.26	1/2	577.76	1/2	401.66	1/2	214.36	1/2	30.64	1/2	
3/4	1,505.97	3/4	1,319.25	3/4	1,132.77	3/4	946.88	3/4	760.38	3/4	573.88	3/4	397.77	3/4	210.45	3/4	27.64	3/4	
2	1,502.08	2	1,315.36	2	1,128.91	2	942.99	2	756.49	2	570.21	2	393.91	2	206.53	2	25.16	2	
1/4	1,498.19	1/4	1,311.47	1/4	1,125.04	1/4	939.10	1/4	752.61	1/4	566.55	1/4	390.04	1/4	202.62	1/4	22.67	1/4	
1/2	1,494.30	1/2	1,307.58	1/2	1,121.18	1/2	935.22	1/2	748.72	1/2	562.89	1/2	386.18	1/2	198.70	1/2	20.19	1/2	
3/4	1,490.41	3/4	1,303.69	3/4	1,117.31	3/4	931.33	3/4	744.83	3/4	559.23	3/4	382.32	3/4	194.79	3/4	17.71	3/4	
3	1,486.52	3	1,299.80	3	1,113.45	3	927.45	3	740.95	3	555.64	3	378.46	3	190.87	3	15.74	3	
1/4	1,482.63	1/4	1,295.91	1/4	1,109.58	1/4	923.56	1/4	737.06	1/4	552.05	1/4	374.60	1/4	186.96	1/4	13.78	1/4	
1/2	1,478.74	1/2	1,292.02	1/2	1,105.71	1/2	919.68	1/2	733.18	1/2	548.46	1/2	370.73	1/2	183.04	1/2	11.81	1/2	
3/4	1,474.85	3/4	1,288.13	3/4	1,101.85	3/4	915.79	3/4	729.29	3/4	544.87	3/4	366.87	3/4	179.13	3/4	9.85	3/4	
4	1,470.96	4	1,284.24	4	1,097.98	4	911.91	4	725.41	4	541.28	4	362.98	4	175.21	4	8.40	4	
1/4	1,467.07	1/4	1,280.35	1/4	1,094.12	1/4	908.02	1/4	721.52	1/4	537.69	1/4	359.09	1/4	171.30	1/4	6.96	1/4	
1/2	1,463.18	1/2	1,276.46	1/2	1,090.25	1/2	904.14	1/2	717.64	1/2	534.10	1/2	355.20	1/2	167.38	1/2	5.51	1/2	
3/4	1,459.29	3/4	1,272.57	3/4	1,086.39	3/4	900.25	3/4	713.75	3/4	530.51	3/4	351.30	3/4	163.47	3/4	4.07	3/4	
5	1,455.40	5	1,268.68	5	1,082.52	5	896.36	5	709.87	5	526.92	5	347.41	5	159.55	5	3.14	5	
1/4	1,451.51	1/4	1,264.79	1/4	1,078.65	1/4	892.48	1/4	705.98	1/4	523.33	1/4	343.52	1/4	155.63	1/4	2.22	1/4	
1/2	1,447.62	1/2	1,260.90	1/2	1,074.79	1/2	888.59	1/2	702.09	1/2	519.74	1/2	339.63	1/2	151.72	1/2	1.29	1/2	
3/4	1,443.73	3/4	1,257.01	3/4	1,070.92	3/4	884.71	3/4	698.21	3/4	516.15	3/4	335.74	3/4	147.80	3/4	0.36	3/4	
6	1,439.84	6	1,253.12	6	1,067.06	6	880.82	6	694.32	6	512.56	6	331.82	6	143.89	6		6	
1/4	1,435.95	1/4	1,249.23	1/4	1,063.19	1/4	876.94	1/4	690.44	1/4	508.97	1/4	327.91	1/4	139.97	1/4		1/4	
1/2	1,432.06	1/2	1,245.34	1/2	1,059.33	1/2	873.05	1/2	686.55	1/2	505.38	1/2	323.99	1/2	136.06	1/2		1/2	
3/4	1,428.17	3/4	1,241.45	3/4	1,055.46	3/4	869.17	3/4	682.67	3/4	501.79	3/4	320.08	3/4	132.14	3/4		3/4	
7	1,424.28	7	1,237.56	7	1,051.59	7	865.28	7	678.78	7	498.21	7	316.16	7	128.23	7		7	
1/4	1,420.39	1/4	1,233.67	1/4	1,047.73	1/4	861.40	1/4	674.90	1/4	494.62	1/4	312.25	1/4	124.31	1/4		1/4	
1/2	1,416.50	1/2	1,229.78	1/2	1,043.86	1/2	857.51	1/2	671.01	1/2	491.03	1/2	308.33	1/2	120.40	1/2		1/2	
3/4	1,412.61	3/4	1,225.89	3/4	1,040.00	3/4	853.63	3/4	667.13	3/4	487.44	3/4	304.42	3/4	116.48	3/4		3/4	
8	1,408.72	8	1,222.00	8	1,036.13	8	849.74	8	663.24	8	483.85	8	300.50	8	112.57	8		8	
1/4	1,404.83	1/4	1,218.11	1/4	1,032.27	1/4	845.85	1/4	659.36	1/4	480.26	1/4	296.59	1/4	108.65	1/4		1/4	
1/2	1,400.94	1/2	1,214.22	1/2	1,028.40	1/2	841.97	1/2	655.47	1/2	476.67	1/2	292.67	1/2	104.74	1/2		1/2	
3/4	1,397.05	3/4	1,210.33	3/4	1,024.53	3/4	838.08	3/4	651.58	3/4	473.08	3/4	288.75	3/4	100.82	3/4		3/4	
9	1,393.16	9	1,206.44	9	1,020.66	9	834.20	9	647.70	9	469.41	9	284.84	9	96.91	9		9	
1/4	1,389.27	1/4	1,202.55	1/4	1,016.79	1/4	830.31	1/4	643.81	1/4	465.75	1/4	280.92	1/4	92.99	1/4		1/4	
1/2	1,385.38	1/2	1,198.66	1/2	1,012.91	1/2	826.43	1/2	639.93	1/2	462.09	1/2	277.01	1/2	89.08	1/2		1/2	
3/4	1,381.49	3/4	1,194.77	3/4	1,009.04	3/4	822.54	3/4	636.04	3/4	458.42	3/4	273.09	3/4	85.16	3/4		3/4	
10	1,377.60	10	1,190.88	10	1,005.16	10	818.66	10	632.16	10	454.73	10	269.18	10	81.26	10		10	
1/4	1,373.71	1/4	1,186.99	1/4	1,001.27	1/4	814.77	1/4	628.27	1/4	451.04	1/4	265.26	1/4	77.35	1/4		1/4	
1/2	1,369.82	1/2	1,183.10	1/2	997.39	1/2	810.89	1/2	624.39	1/2	447.35	1/2	261.35	1/2	73.44	1/2		1/2	
3/4	1,365.93	3/4	1,179.21	3/4	993.50	3/4	807.00	3/4	620.50	3/4	443.66	3/4	257.43	3/4	69.54	3/4		3/4	
11	1,362.04	11	1,175.33	11	989.61	11	803.12	11	616.62	11	439.97	11	253.52	11	65.65	11		11	
1/4	1,358.15	1/4	1,171.45	1/4	985.73	1/4	799.23	1/4	612.73	1/4	436.28	1/4	249.60	1/4	61.77	1/4		1/4	
1/2	1,354.26	1/2	1,167.58	1/2	981.84	1/2	795.34	1/2	608.85	1/2	432.59	1/2	245.69	1/2	57.88	1/2		1/2	
3/4	1,350.37	3/4	1,163.70	3/4	977.96	3/4	791.46	3/4	604.96	3/4	428.90	3/4	241.77	3/4	54.00	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2019 SW JS
CALCULATED: 04/09/2019 CL
PRINTED: 04/10/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

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



BARGE "DBL 254"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05"

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	3,241.83	0	3,090.27	0	2,898.80	0	2,707.34	0	2,515.88	0	2,324.42	0	2,132.96	0	1,941.49	0	1,750.03
1/4	1/4	3,241.43	1/4	3,086.28	1/4	2,894.82	1/4	2,703.35	1/4	2,511.89	1/4	2,320.43	1/4	2,128.97	1/4	1,937.50	1/4	1,746.04	
1/2	1/2	3,241.03	1/2	3,082.29	1/2	2,890.83	1/2	2,699.36	1/2	2,507.90	1/2	2,316.44	1/2	2,124.98	1/2	1,933.52	1/2	1,742.05	
3/4	3/4	3,240.63	3/4	3,078.30	3/4	2,886.84	3/4	2,695.38	3/4	2,503.91	3/4	2,312.45	3/4	2,120.99	3/4	1,929.53	3/4	1,738.06	
1	1	3,240.23	1	3,074.31	1	2,882.85	1	2,691.39	1	2,499.92	1	2,308.46	1	2,117.00	1	1,925.54	1	1,734.08	
1/4	1/4	3,239.04	1/4	3,070.32	1/4	2,878.86	1/4	2,687.40	1/4	2,495.94	1/4	2,304.47	1/4	2,113.01	1/4	1,921.55	1/4	1,730.09	
1/2	1/2	3,237.84	1/2	3,066.33	1/2	2,874.87	1/2	2,683.41	1/2	2,491.95	1/2	2,300.48	1/2	2,109.02	1/2	1,917.56	1/2	1,726.10	
3/4	3/4	3,236.64	3/4	3,062.35	3/4	2,870.88	3/4	2,679.42	3/4	2,487.96	3/4	2,296.50	3/4	2,105.03	3/4	1,913.57	3/4	1,722.11	
2	2	3,235.45	2	3,058.36	2	2,866.89	2	2,675.43	2	2,483.97	2	2,292.51	2	2,101.04	2	1,909.58	2	1,718.12	
1/4	1/4	3,233.45	1/4	3,054.37	1/4	2,862.91	1/4	2,671.44	1/4	2,479.98	1/4	2,288.52	1/4	2,097.06	1/4	1,905.59	1/4	1,714.13	
1/2	1/2	3,231.46	1/2	3,050.38	1/2	2,858.92	1/2	2,667.45	1/2	2,475.99	1/2	2,284.53	1/2	2,093.07	1/2	1,901.60	1/2	1,710.14	
3/4	3/4	3,229.46	3/4	3,046.39	3/4	2,854.93	3/4	2,663.47	3/4	2,472.00	3/4	2,280.54	3/4	2,089.08	3/4	1,897.62	3/4	1,706.15	
3	3	3,227.47	3	3,042.40	3	2,850.94	3	2,659.48	3	2,468.01	3	2,276.55	3	2,085.09	3	1,893.63	3	1,702.16	
1/4	1/4	3,224.68	1/4	3,038.41	1/4	2,846.95	1/4	2,655.49	1/4	2,464.03	1/4	2,272.56	1/4	2,081.10	1/4	1,889.64	1/4	1,698.18	
1/2	1/2	3,221.89	1/2	3,034.42	1/2	2,842.96	1/2	2,651.50	1/2	2,460.04	1/2	2,268.57	1/2	2,077.11	1/2	1,885.65	1/2	1,694.19	
3/4	3/4	3,219.09	3/4	3,030.44	3/4	2,838.97	3/4	2,647.51	3/4	2,456.05	3/4	2,264.59	3/4	2,073.12	3/4	1,881.66	3/4	1,690.20	
4	4	3,216.30	4	3,026.45	4	2,834.98	4	2,643.52	4	2,452.06	4	2,260.60	4	2,069.13	4	1,877.67	4	1,686.21	
1/4	1/4	3,212.71	1/4	3,022.46	1/4	2,831.00	1/4	2,639.53	1/4	2,448.07	1/4	2,256.61	1/4	2,065.15	1/4	1,873.68	1/4	1,682.22	
1/2	1/2	3,209.12	1/2	3,018.47	1/2	2,827.01	1/2	2,635.54	1/2	2,444.08	1/2	2,252.62	1/2	2,061.16	1/2	1,869.69	1/2	1,678.23	
3/4	3/4	3,205.53	3/4	3,014.48	3/4	2,823.02	3/4	2,631.56	3/4	2,440.09	3/4	2,248.63	3/4	2,057.17	3/4	1,865.71	3/4	1,674.24	
5	5	3,201.94	5	3,010.49	5	2,819.03	5	2,627.57	5	2,436.10	5	2,244.64	5	2,053.18	5	1,861.72	5	1,670.25	
1/4	1/4	3,197.96	1/4	3,006.50	1/4	2,815.04	1/4	2,623.58	1/4	2,432.12	1/4	2,240.65	1/4	2,049.19	1/4	1,857.73	1/4	1,666.27	
1/2	1/2	3,193.97	1/2	3,002.51	1/2	2,811.05	1/2	2,619.59	1/2	2,428.13	1/2	2,236.66	1/2	2,045.20	1/2	1,853.74	1/2	1,662.28	
3/4	3/4	3,189.98	3/4	2,998.52	3/4	2,807.06	3/4	2,615.60	3/4	2,424.14	3/4	2,232.68	3/4	2,041.21	3/4	1,849.75	3/4	1,658.29	
6	6	3,186.00	6	2,994.54	6	2,803.07	6	2,611.61	6	2,420.15	6	2,228.69	6	2,037.22	6	1,845.76	6	1,654.30	
1/4	1/4	3,182.01	1/4	2,990.55	1/4	2,799.08	1/4	2,607.62	1/4	2,416.16	1/4	2,224.70	1/4	2,033.24	1/4	1,841.77	1/4	1,650.31	
1/2	1/2	3,178.02	1/2	2,986.56	1/2	2,795.10	1/2	2,603.63	1/2	2,412.17	1/2	2,220.71	1/2	2,029.25	1/2	1,837.78	1/2	1,646.32	
3/4	3/4	3,174.03	3/4	2,982.57	3/4	2,791.11	3/4	2,599.64	3/4	2,408.18	3/4	2,216.72	3/4	2,025.26	3/4	1,833.80	3/4	1,642.33	
7	7	3,170.04	7	2,978.58	7	2,787.12	7	2,595.66	7	2,404.19	7	2,212.73	7	2,021.27	7	1,829.81	7	1,638.34	
1/4	1/4	3,166.05	1/4	2,974.59	1/4	2,783.13	1/4	2,591.67	1/4	2,400.20	1/4	2,208.74	1/4	2,017.28	1/4	1,825.82	1/4	1,634.36	
1/2	1/2	3,162.07	1/2	2,970.60	1/2	2,779.14	1/2	2,587.68	1/2	2,396.22	1/2	2,204.75	1/2	2,013.29	1/2	1,821.83	1/2	1,630.37	
3/4	3/4	3,158.08	3/4	2,966.61	3/4	2,775.15	3/4	2,583.69	3/4	2,392.23	3/4	2,200.76	3/4	2,009.30	3/4	1,817.84	3/4	1,626.38	
8	8	3,154.09	8	2,962.63	8	2,771.16	8	2,579.70	8	2,388.24	8	2,196.78	8	2,005.31	8	1,813.85	8	1,622.39	
1/4	1/4	3,150.10	1/4	2,958.64	1/4	2,767.17	1/4	2,575.71	1/4	2,384.25	1/4	2,192.79	1/4	2,001.32	1/4	1,809.86	1/4	1,618.40	
1/2	1/2	3,146.11	1/2	2,954.65	1/2	2,763.19	1/2	2,571.72	1/2	2,380.26	1/2	2,188.80	1/2	1,997.34	1/2	1,805.87	1/2	1,614.41	
3/4	3/4	3,142.12	3/4	2,950.66	3/4	2,759.20	3/4	2,567.73	3/4	2,376.27	3/4	2,184.81	3/4	1,993.35	3/4	1,801.88	3/4	1,610.42	
9	9	3,138.13	9	2,946.67	9	2,755.21	9	2,563.75	9	2,372.28	9	2,180.82	9	1,989.36	9	1,797.90	9	1,606.43	
1/4	1/4	3,134.14	1/4	2,942.68	1/4	2,751.22	1/4	2,559.76	1/4	2,368.29	1/4	2,176.83	1/4	1,985.37	1/4	1,793.91	1/4	1,602.44	
1/2	1/2	3,130.16	1/2	2,938.69	1/2	2,747.23	1/2	2,555.77	1/2	2,364.31	1/2	2,172.84	1/2	1,981.38	1/2	1,789.92	1/2	1,598.46	
3/4	3/4	3,126.17	3/4	2,934.70	3/4	2,743.24	3/4	2,551.78	3/4	2,360.32	3/4	2,168.85	3/4	1,977.39	3/4	1,785.93	3/4	1,594.47	
10	10	3,122.18	10	2,930.72	10	2,739.25	10	2,547.79	10	2,356.33	10	2,164.87	10	1,973.40	10	1,781.94	10	1,590.48	
1/4	1/4	3,118.19	1/4	2,926.73	1/4	2,735.26	1/4	2,543.80	1/4	2,352.34	1/4	2,160.88	1/4	1,969.41	1/4	1,777.95	1/4	1,586.49	
1/2	1/2	3,114.20	1/2	2,922.74	1/2	2,731.28	1/2	2,539.81	1/2	2,348.35	1/2	2,156.89	1/2	1,965.43	1/2	1,773.96	1/2	1,582.50	
3/4	3/4	3,110.21	3/4	2,918.75	3/4	2,727.29	3/4	2,535.82	3/4	2,344.36	3/4	2,152.90	3/4	1,961.44	3/4	1,769.97	3/4	1,578.51	
11	11	3,106.22	11	2,914.76	11	2,723.30	11	2,531.84	11	2,340.37	11	2,148.91	11	1,957.45	11	1,765.99	11	1,574.52	
1/4	1/4	3,102.23	1/4	2,910.77	1/4	2,719.31	1/4	2,527.85	1/4	2,336.38	1/4	2,144.92	1/4	1,953.46	1/4	1,762.00	1/4	1,570.53	
1/2	1/2	3,098.24	1/2	2,906.78	1/2	2,715.32	1/2	2,523.86	1/2	2,332.40	1/2	2,140.93	1/2	1,949.47	1/2	1,758.01	1/2	1,566.55	
3/4	3/4	3,094.26	3/4	2,902.79	3/4	2,711.33	3/4	2,519.87	3/4	2,328.41	3/4	2,136.94	3/4	1,945.48	3/4	1,754.02	3/4	1,562.56	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO 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 254"

2 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	1,558.57	0	1,367.11	0	1,175.64	0	984.18	0	792.72	0	602.24	0	415.00	0	223.55	0	33.60	0	
1/4	1,554.58	1/4	1,363.12	1/4	1,171.65	1/4	980.19	1/4	788.73	1/4	598.39	1/4	411.01	1/4	219.56	1/4	30.61	1/4	
1/2	1,550.59	1/2	1,359.13	1/2	1,167.67	1/2	976.20	1/2	784.74	1/2	594.53	1/2	407.03	1/2	215.57	1/2	27.62	1/2	
3/4	1,546.60	3/4	1,355.14	3/4	1,163.68	3/4	972.21	3/4	780.75	3/4	590.68	3/4	403.04	3/4	211.58	3/4	24.63	3/4	
1	1,542.61	1	1,351.15	1	1,159.69	1	968.23	1	776.76	1	586.82	1	399.05	1	207.60	1	21.64	1	
1/4	1,538.62	1/4	1,347.16	1/4	1,155.70	1/4	964.24	1/4	772.77	1/4	582.97	1/4	395.06	1/4	203.61	1/4	19.31	1/4	
1/2	1,534.64	1/2	1,343.17	1/2	1,151.71	1/2	960.25	1/2	768.79	1/2	579.12	1/2	391.07	1/2	199.62	1/2	16.98	1/2	
3/4	1,530.65	3/4	1,339.18	3/4	1,147.72	3/4	956.26	3/4	764.80	3/4	575.26	3/4	387.08	3/4	195.63	3/4	14.66	3/4	
2	1,526.66	2	1,335.20	2	1,143.73	2	952.27	2	760.81	2	571.41	2	383.09	2	191.64	2	12.33	2	
1/4	1,522.67	1/4	1,331.21	1/4	1,139.74	1/4	948.28	1/4	756.82	1/4	567.55	1/4	379.10	1/4	187.65	1/4	10.67	1/4	
1/2	1,518.68	1/2	1,327.22	1/2	1,135.75	1/2	944.29	1/2	752.83	1/2	563.70	1/2	375.12	1/2	183.66	1/2	9.01	1/2	
3/4	1,514.69	3/4	1,323.23	3/4	1,131.76	3/4	940.30	3/4	748.84	3/4	559.85	3/4	371.13	3/4	179.67	3/4	7.34	3/4	
3	1,510.70	3	1,319.24	3	1,127.78	3	936.32	3	744.85	3	555.99	3	367.14	3	175.69	3	5.68	3	
1/4	1,506.71	1/4	1,315.25	1/4	1,123.79	1/4	932.33	1/4	740.86	1/4	552.14	1/4	363.15	1/4	171.70	1/4	4.68	1/4	
1/2	1,502.72	1/2	1,311.26	1/2	1,119.80	1/2	928.34	1/2	736.88	1/2	548.28	1/2	359.16	1/2	167.71	1/2	3.69	1/2	
3/4	1,498.74	3/4	1,307.27	3/4	1,115.81	3/4	924.35	3/4	732.89	3/4	544.43	3/4	355.17	3/4	163.72	3/4	2.69	3/4	
4	1,494.75	4	1,303.28	4	1,111.82	4	920.36	4	728.90	4	540.58	4	351.18	4	159.73	4	1.69	4	
1/4	1,490.76	1/4	1,299.30	1/4	1,107.83	1/4	916.37	1/4	724.91	1/4	536.72	1/4	347.20	1/4	155.74	1/4	1.36	1/4	
1/2	1,486.77	1/2	1,295.31	1/2	1,103.84	1/2	912.38	1/2	720.92	1/2	532.87	1/2	343.21	1/2	151.75	1/2	1.03	1/2	
3/4	1,482.78	3/4	1,291.32	3/4	1,099.86	3/4	908.39	3/4	716.93	3/4	529.01	3/4	339.22	3/4	147.77	3/4	0.70	3/4	
5	1,478.79	5	1,287.33	5	1,095.87	5	904.40	5	712.94	5	525.16	5	335.23	5	143.78	5	0.37	5	
1/4	1,474.80	1/4	1,283.34	1/4	1,091.88	1/4	900.42	1/4	708.95	1/4	521.30	1/4	331.24	1/4	139.79	1/4		1/4	
1/2	1,470.81	1/2	1,279.35	1/2	1,087.89	1/2	896.43	1/2	704.96	1/2	517.45	1/2	327.25	1/2	135.80	1/2		1/2	
3/4	1,466.83	3/4	1,275.36	3/4	1,083.90	3/4	892.44	3/4	700.98	3/4	513.60	3/4	323.26	3/4	131.81	3/4		3/4	
6	1,462.84	6	1,271.37	6	1,079.91	6	888.45	6	696.99	6	509.74	6	319.28	6	127.82	6		6	
1/4	1,458.85	1/4	1,267.39	1/4	1,075.92	1/4	884.46	1/4	693.00	1/4	505.89	1/4	315.29	1/4	123.83	1/4		1/4	
1/2	1,454.86	1/2	1,263.40	1/2	1,071.93	1/2	880.47	1/2	689.01	1/2	502.03	1/2	311.30	1/2	119.85	1/2		1/2	
3/4	1,450.87	3/4	1,259.41	3/4	1,067.95	3/4	876.48	3/4	685.02	3/4	498.18	3/4	307.31	3/4	115.86	3/4		3/4	
7	1,446.88	7	1,255.42	7	1,063.96	7	872.49	7	681.03	7	494.33	7	303.32	7	111.87	7		7	
1/4	1,442.89	1/4	1,251.43	1/4	1,059.97	1/4	868.51	1/4	677.04	1/4	490.45	1/4	299.33	1/4	107.88	1/4		1/4	
1/2	1,438.90	1/2	1,247.44	1/2	1,055.98	1/2	864.52	1/2	673.05	1/2	486.57	1/2	295.34	1/2	103.89	1/2		1/2	
3/4	1,434.92	3/4	1,243.45	3/4	1,051.99	3/4	860.53	3/4	669.07	3/4	482.70	3/4	291.36	3/4	99.90	3/4		3/4	
8	1,430.93	8	1,239.46	8	1,048.00	8	856.54	8	665.08	8	478.82	8	287.37	8	95.91	8		8	
1/4	1,426.94	1/4	1,235.48	1/4	1,044.01	1/4	852.55	1/4	661.09	1/4	474.83	1/4	283.38	1/4	91.93	1/4		1/4	
1/2	1,422.95	1/2	1,231.49	1/2	1,040.02	1/2	848.56	1/2	657.10	1/2	470.84	1/2	279.39	1/2	87.94	1/2		1/2	
3/4	1,418.96	3/4	1,227.50	3/4	1,036.04	3/4	844.57	3/4	653.11	3/4	466.85	3/4	275.40	3/4	83.95	3/4		3/4	
9	1,414.97	9	1,223.51	9	1,032.05	9	840.58	9	649.12	9	462.87	9	271.41	9	79.96	9		9	
1/4	1,410.98	1/4	1,219.52	1/4	1,028.06	1/4	836.60	1/4	645.13	1/4	458.88	1/4	267.42	1/4	75.98	1/4		1/4	
1/2	1,406.99	1/2	1,215.53	1/2	1,024.07	1/2	832.61	1/2	641.14	1/2	454.89	1/2	263.44	1/2	72.00	1/2		1/2	
3/4	1,403.00	3/4	1,211.54	3/4	1,020.08	3/4	828.62	3/4	637.16	3/4	450.90	3/4	259.45	3/4	68.02	3/4		3/4	
10	1,399.02	10	1,207.55	10	1,016.09	10	824.63	10	633.17	10	446.91	10	255.46	10	64.05	10		10	
1/4	1,395.03	1/4	1,203.56	1/4	1,012.10	1/4	820.64	1/4	629.29	1/4	442.92	1/4	251.47	1/4	60.09	1/4		1/4	
1/2	1,391.04	1/2	1,199.58	1/2	1,008.11	1/2	816.65	1/2	625.41	1/2	438.93	1/2	247.48	1/2	56.13	1/2		1/2	
3/4	1,387.05	3/4	1,195.59	3/4	1,004.12	3/4	812.66	3/4	621.53	3/4	434.95	3/4	243.49	3/4	52.17	3/4		3/4	
11	1,383.06	11	1,191.60	11	1,000.14	11	808.67	11	617.66	11	430.96	11	239.50	11	48.22	11		11	
1/4	1,379.07	1/4	1,187.61	1/4	996.15	1/4	804.68	1/4	613.80	1/4	426.97	1/4	235.52	1/4	44.56	1/4		1/4	
1/2	1,375.08	1/2	1,183.62	1/2	992.16	1/2	800.70	1/2	609.95	1/2	422.98	1/2	231.53	1/2	40.91	1/2		1/2	
3/4	1,371.09	3/4	1,179.63	3/4	988.17	3/4	796.71	3/4	606.09	3/4	418.99	3/4	227.54	3/4	37.25	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2019 SW JS
CALCULATED: 04/09/2019 CL
PRINTED: 04/10/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

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



BARGE "DBL 254"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 1/2"

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	3,099.81	0	2,908.25	0	2,716.69	0	2,525.13	0	2,333.57	0	2,142.01	0	1,950.46	0	1,758.90
1/4	1/4		1/4	3,095.82	1/4	2,904.26	1/4	2,712.70	1/4	2,521.14	1/4	2,329.58	1/4	2,138.02	1/4	1,946.46	1/4	1,754.91	
1/2	1/2	3,243.48	1/2	3,091.82	1/2	2,900.27	1/2	2,708.71	1/2	2,517.15	1/2	2,325.59	1/2	2,134.03	1/2	1,942.47	1/2	1,750.92	
3/4	3/4	3,243.08	3/4	3,087.83	3/4	2,896.28	3/4	2,704.72	3/4	2,513.16	3/4	2,321.60	3/4	2,130.04	3/4	1,938.48	3/4	1,746.92	
1	1	3,242.68	1	3,083.84	1	2,892.28	1	2,700.73	1	2,509.17	1	2,317.61	1	2,126.05	1	1,934.49	1	1,742.93	
1/4	1/4	3,242.28	1/4	3,079.85	1/4	2,888.29	1/4	2,696.74	1/4	2,505.18	1/4	2,313.62	1/4	2,122.06	1/4	1,930.50	1/4	1,738.94	
1/2	1/2	3,241.88	1/2	3,075.86	1/2	2,884.30	1/2	2,692.74	1/2	2,501.19	1/2	2,309.63	1/2	2,118.07	1/2	1,926.51	1/2	1,734.95	
3/4	3/4	3,240.69	3/4	3,071.87	3/4	2,880.31	3/4	2,688.75	3/4	2,497.20	3/4	2,305.64	3/4	2,114.08	3/4	1,922.52	3/4	1,730.96	
2	2	3,239.49	2	3,067.88	2	2,876.32	2	2,684.76	2	2,493.20	2	2,301.65	2	2,110.09	2	1,918.53	2	1,726.97	
1/4	1/4	3,238.29	1/4	3,063.89	1/4	2,872.33	1/4	2,680.77	1/4	2,489.21	1/4	2,297.66	1/4	2,106.10	1/4	1,914.54	1/4	1,722.98	
1/2	1/2	3,237.09	1/2	3,059.90	1/2	2,868.34	1/2	2,676.78	1/2	2,485.22	1/2	2,293.66	1/2	2,102.11	1/2	1,910.55	1/2	1,718.99	
3/4	3/4	3,235.10	3/4	3,055.91	3/4	2,864.35	3/4	2,672.79	3/4	2,481.23	3/4	2,289.67	3/4	2,098.12	3/4	1,906.56	3/4	1,715.00	
3	3	3,233.10	3	3,051.92	3	2,860.36	3	2,668.80	3	2,477.24	3	2,285.68	3	2,094.12	3	1,902.57	3	1,711.01	
1/4	1/4	3,231.11	1/4	3,047.93	1/4	2,856.37	1/4	2,664.81	1/4	2,473.25	1/4	2,281.69	1/4	2,090.13	1/4	1,898.58	1/4	1,707.02	
1/2	1/2	3,229.11	1/2	3,043.93	1/2	2,852.38	1/2	2,660.82	1/2	2,469.26	1/2	2,277.70	1/2	2,086.14	1/2	1,894.58	1/2	1,703.03	
3/4	3/4	3,226.32	3/4	3,039.94	3/4	2,848.39	3/4	2,656.83	3/4	2,465.27	3/4	2,273.71	3/4	2,082.15	3/4	1,890.59	3/4	1,699.04	
4	4	3,223.53	4	3,035.95	4	2,844.39	4	2,652.84	4	2,461.28	4	2,269.72	4	2,078.16	4	1,886.60	4	1,695.04	
1/4	1/4	3,220.73	1/4	3,031.96	1/4	2,840.40	1/4	2,648.85	1/4	2,457.29	1/4	2,265.73	1/4	2,074.17	1/4	1,882.61	1/4	1,691.05	
1/2	1/2	3,217.94	1/2	3,027.97	1/2	2,836.41	1/2	2,644.85	1/2	2,453.30	1/2	2,261.74	1/2	2,070.18	1/2	1,878.62	1/2	1,687.06	
3/4	3/4	3,214.35	3/4	3,023.98	3/4	2,832.42	3/4	2,640.86	3/4	2,449.31	3/4	2,257.75	3/4	2,066.19	3/4	1,874.63	3/4	1,683.07	
5	5	3,210.76	5	3,019.99	5	2,828.43	5	2,636.87	5	2,445.31	5	2,253.76	5	2,062.20	5	1,870.64	5	1,679.08	
1/4	1/4	3,207.16	1/4	3,016.00	1/4	2,824.44	1/4	2,632.88	1/4	2,441.32	1/4	2,249.77	1/4	2,058.21	1/4	1,866.65	1/4	1,675.09	
1/2	1/2	3,203.57	1/2	3,012.01	1/2	2,820.45	1/2	2,628.89	1/2	2,437.33	1/2	2,245.77	1/2	2,054.22	1/2	1,862.66	1/2	1,671.10	
3/4	3/4	3,199.58	3/4	3,008.02	3/4	2,816.46	3/4	2,624.90	3/4	2,433.34	3/4	2,241.78	3/4	2,050.23	3/4	1,858.67	3/4	1,667.11	
6	6	3,195.59	6	3,004.03	6	2,812.47	6	2,620.91	6	2,429.35	6	2,237.79	6	2,046.23	6	1,854.68	6	1,663.12	
1/4	1/4	3,191.60	1/4	3,000.04	1/4	2,808.48	1/4	2,616.92	1/4	2,425.36	1/4	2,233.80	1/4	2,042.24	1/4	1,850.69	1/4	1,659.13	
1/2	1/2	3,187.60	1/2	2,996.05	1/2	2,804.49	1/2	2,612.93	1/2	2,421.37	1/2	2,229.81	1/2	2,038.25	1/2	1,846.69	1/2	1,655.14	
3/4	3/4	3,183.61	3/4	2,992.05	3/4	2,800.50	3/4	2,608.94	3/4	2,417.38	3/4	2,225.82	3/4	2,034.26	3/4	1,842.70	3/4	1,651.15	
7	7	3,179.62	7	2,988.06	7	2,796.51	7	2,604.95	7	2,413.39	7	2,221.83	7	2,030.27	7	1,838.71	7	1,647.15	
1/4	1/4	3,175.63	1/4	2,984.07	1/4	2,792.51	1/4	2,600.96	1/4	2,409.40	1/4	2,217.84	1/4	2,026.28	1/4	1,834.72	1/4	1,643.16	
1/2	1/2	3,171.64	1/2	2,980.08	1/2	2,788.52	1/2	2,596.97	1/2	2,405.41	1/2	2,213.85	1/2	2,022.29	1/2	1,830.73	1/2	1,639.17	
3/4	3/4	3,167.65	3/4	2,976.09	3/4	2,784.53	3/4	2,592.97	3/4	2,401.42	3/4	2,209.86	3/4	2,018.30	3/4	1,826.74	3/4	1,635.18	
8	8	3,163.66	8	2,972.10	8	2,780.54	8	2,588.98	8	2,397.43	8	2,205.87	8	2,014.31	8	1,822.75	8	1,631.19	
1/4	1/4	3,159.67	1/4	2,968.11	1/4	2,776.55	1/4	2,584.99	1/4	2,393.43	1/4	2,201.88	1/4	2,010.32	1/4	1,818.76	1/4	1,627.20	
1/2	1/2	3,155.68	1/2	2,964.12	1/2	2,772.56	1/2	2,581.00	1/2	2,389.44	1/2	2,197.89	1/2	2,006.33	1/2	1,814.77	1/2	1,623.21	
3/4	3/4	3,151.69	3/4	2,960.13	3/4	2,768.57	3/4	2,577.01	3/4	2,385.45	3/4	2,193.89	3/4	2,002.34	3/4	1,810.78	3/4	1,619.22	
9	9	3,147.70	9	2,956.14	9	2,764.58	9	2,573.02	9	2,381.46	9	2,189.90	9	1,998.35	9	1,806.79	9	1,615.23	
1/4	1/4	3,143.70	1/4	2,952.15	1/4	2,760.59	1/4	2,569.03	1/4	2,377.47	1/4	2,185.91	1/4	1,994.35	1/4	1,802.80	1/4	1,611.24	
1/2	1/2	3,139.71	1/2	2,948.16	1/2	2,756.60	1/2	2,565.04	1/2	2,373.48	1/2	2,181.92	1/2	1,990.36	1/2	1,798.81	1/2	1,607.25	
3/4	3/4	3,135.72	3/4	2,944.16	3/4	2,752.61	3/4	2,561.05	3/4	2,369.49	3/4	2,177.93	3/4	1,986.37	3/4	1,794.81	3/4	1,603.26	
10	10	3,131.73	10	2,940.17	10	2,748.62	10	2,557.06	10	2,365.50	10	2,173.94	10	1,982.38	10	1,790.82	10	1,599.27	
1/4	1/4	3,127.74	1/4	2,936.18	1/4	2,744.62	1/4	2,553.07	1/4	2,361.51	1/4	2,169.95	1/4	1,978.39	1/4	1,786.83	1/4	1,595.27	
1/2	1/2	3,123.75	1/2	2,932.19	1/2	2,740.63	1/2	2,549.08	1/2	2,357.52	1/2	2,165.96	1/2	1,974.40	1/2	1,782.84	1/2	1,591.28	
3/4	3/4	3,119.76	3/4	2,928.20	3/4	2,736.64	3/4	2,545.08	3/4	2,353.53	3/4	2,161.97	3/4	1,970.41	3/4	1,778.85	3/4	1,587.29	
11	11	3,115.77	11	2,924.21	11	2,732.65	11	2,541.09	11	2,349.54	11	2,157.98	11	1,966.42	11	1,774.86	11	1,583.30	
1/4	1/4	3,111.78	1/4	2,920.22	1/4	2,728.66	1/4	2,537.10	1/4	2,345.54	1/4	2,153.99	1/4	1,962.43	1/4	1,770.87	1/4	1,579.31	
1/2	1/2	3,107.79	1/2	2,916.23	1/2	2,724.67	1/2	2,533.11	1/2	2,341.55	1/2	2,150.00	1/2	1,958.44	1/2	1,766.88	1/2	1,575.32	
3/4	3/4	3,103.80	3/4	2,912.24	3/4	2,720.68	3/4	2,529.12	3/4	2,337.56	3/4	2,146.00	3/4	1,954.45	3/4	1,762.89	3/4	1,571.33	

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 254"

3 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	1,567.34	0	1,375.78	0	1,184.22	0	992.66	0	801.11	0	610.26	0	423.20	0	231.65	0	40.93	0	
1/4	1,563.35	1/4	1,371.79	1/4	1,180.23	1/4	988.67	1/4	797.11	1/4	606.41	1/4	419.21	1/4	227.66	1/4	37.28	1/4	
1/2	1,559.36	1/2	1,367.80	1/2	1,176.24	1/2	984.68	1/2	793.12	1/2	602.55	1/2	415.22	1/2	223.67	1/2	33.62	1/2	
3/4	1,555.37	3/4	1,363.81	3/4	1,172.25	3/4	980.69	3/4	789.13	3/4	598.70	3/4	411.23	3/4	219.68	3/4	30.63	3/4	
1	1,551.38	1	1,359.82	1	1,168.26	1	976.70	1	785.14	1	594.84	1	407.24	1	215.69	1	27.64	1	
1/4	1,547.38	1/4	1,355.83	1/4	1,164.27	1/4	972.71	1/4	781.15	1/4	590.98	1/4	403.24	1/4	211.70	1/4	24.64	1/4	
1/2	1,543.39	1/2	1,351.84	1/2	1,160.28	1/2	968.72	1/2	777.16	1/2	587.13	1/2	399.25	1/2	207.71	1/2	21.65	1/2	
3/4	1,539.40	3/4	1,347.84	3/4	1,156.29	3/4	964.73	3/4	773.17	3/4	583.27	3/4	395.26	3/4	203.71	3/4	19.32	3/4	
2	1,535.41	2	1,343.85	2	1,152.30	2	960.74	2	769.18	2	579.42	2	391.27	2	199.72	2	17.00	2	
1/4	1,531.42	1/4	1,339.86	1/4	1,148.30	1/4	956.75	1/4	765.19	1/4	575.56	1/4	387.28	1/4	195.73	1/4	14.67	1/4	
1/2	1,527.43	1/2	1,335.87	1/2	1,144.31	1/2	952.76	1/2	761.20	1/2	571.70	1/2	383.29	1/2	191.74	1/2	12.34	1/2	
3/4	1,523.44	3/4	1,331.88	3/4	1,140.32	3/4	948.76	3/4	757.21	3/4	567.85	3/4	379.30	3/4	187.75	3/4	10.68	3/4	
3	1,519.45	3	1,327.89	3	1,136.33	3	944.77	3	753.22	3	563.99	3	375.31	3	183.76	3	9.01	3	
1/4	1,515.46	1/4	1,323.90	1/4	1,132.34	1/4	940.78	1/4	749.22	1/4	560.14	1/4	371.32	1/4	179.77	1/4	7.35	1/4	
1/2	1,511.47	1/2	1,319.91	1/2	1,128.35	1/2	936.79	1/2	745.23	1/2	556.28	1/2	367.33	1/2	175.78	1/2	5.69	1/2	
3/4	1,507.48	3/4	1,315.92	3/4	1,124.36	3/4	932.80	3/4	741.24	3/4	552.42	3/4	363.34	3/4	171.79	3/4	4.69	3/4	
4	1,503.49	4	1,311.93	4	1,120.37	4	928.81	4	737.25	4	548.57	4	359.35	4	167.80	4	3.69	4	
1/4	1,499.50	1/4	1,307.94	1/4	1,116.38	1/4	924.82	1/4	733.26	1/4	544.71	1/4	355.36	1/4	163.81	1/4	2.70	1/4	
1/2	1,495.51	1/2	1,303.95	1/2	1,112.39	1/2	920.83	1/2	729.27	1/2	540.86	1/2	351.37	1/2	159.82	1/2	1.70	1/2	
3/4	1,491.52	3/4	1,299.96	3/4	1,108.40	3/4	916.84	3/4	725.28	3/4	537.00	3/4	347.38	3/4	155.83	3/4	1.37	3/4	
5	1,487.52	5	1,295.96	5	1,104.41	5	912.85	5	721.29	5	533.14	5	343.39	5	151.84	5	1.03	5	
1/4	1,483.53	1/4	1,291.97	1/4	1,100.42	1/4	908.86	1/4	717.30	1/4	529.29	1/4	339.39	1/4	147.85	1/4	0.70	1/4	
1/2	1,479.54	1/2	1,287.98	1/2	1,096.42	1/2	904.87	1/2	713.31	1/2	525.43	1/2	335.40	1/2	143.86	1/2	0.37	1/2	
3/4	1,475.55	3/4	1,283.99	3/4	1,092.43	3/4	900.88	3/4	709.32	3/4	521.58	3/4	331.41	3/4	139.86	3/4		3/4	
6	1,471.56	6	1,280.00	6	1,088.44	6	896.88	6	705.33	6	517.72	6	327.42	6	135.87	6		6	
1/4	1,467.57	1/4	1,276.01	1/4	1,084.45	1/4	892.89	1/4	701.34	1/4	513.86	1/4	323.43	1/4	131.88	1/4		1/4	
1/2	1,463.58	1/2	1,272.02	1/2	1,080.46	1/2	888.90	1/2	697.34	1/2	510.01	1/2	319.44	1/2	127.89	1/2		1/2	
3/4	1,459.59	3/4	1,268.03	3/4	1,076.47	3/4	884.91	3/4	693.35	3/4	506.15	3/4	315.45	3/4	123.90	3/4		3/4	
7	1,455.60	7	1,264.04	7	1,072.48	7	880.92	7	689.36	7	502.30	7	311.46	7	119.91	7		7	
1/4	1,451.61	1/4	1,260.05	1/4	1,068.49	1/4	876.93	1/4	685.37	1/4	498.44	1/4	307.47	1/4	115.92	1/4		1/4	
1/2	1,447.61	1/2	1,256.06	1/2	1,064.50	1/2	872.94	1/2	681.38	1/2	494.58	1/2	303.48	1/2	111.93	1/2		1/2	
3/4	1,443.62	3/4	1,252.07	3/4	1,060.51	3/4	868.95	3/4	677.39	3/4	490.70	3/4	299.49	3/4	107.94	3/4		3/4	
8	1,439.63	8	1,248.07	8	1,056.52	8	864.96	8	673.40	8	486.82	8	295.50	8	103.95	8		8	
1/4	1,435.64	1/4	1,244.08	1/4	1,052.53	1/4	860.97	1/4	669.41	1/4	482.95	1/4	291.51	1/4	99.96	1/4		1/4	
1/2	1,431.65	1/2	1,240.09	1/2	1,048.54	1/2	856.98	1/2	665.42	1/2	479.07	1/2	287.52	1/2	95.97	1/2		1/2	
3/4	1,427.66	3/4	1,236.10	3/4	1,044.54	3/4	852.99	3/4	661.43	3/4	475.08	3/4	283.53	3/4	91.98	3/4		3/4	
9	1,423.67	9	1,232.11	9	1,040.55	9	848.99	9	657.44	9	471.08	9	279.54	9	87.99	9		9	
1/4	1,419.68	1/4	1,228.12	1/4	1,036.56	1/4	845.00	1/4	653.45	1/4	467.09	1/4	275.55	1/4	84.00	1/4		1/4	
1/2	1,415.69	1/2	1,224.13	1/2	1,032.57	1/2	841.01	1/2	649.45	1/2	463.10	1/2	271.55	1/2	80.01	1/2		1/2	
3/4	1,411.70	3/4	1,220.14	3/4	1,028.58	3/4	837.02	3/4	645.46	3/4	459.11	3/4	267.56	3/4	76.03	3/4		3/4	
10	1,407.71	10	1,216.15	10	1,024.59	10	833.03	10	641.47	10	455.12	10	263.57	10	72.05	10		10	
1/4	1,403.72	1/4	1,212.16	1/4	1,020.60	1/4	829.04	1/4	637.48	1/4	451.13	1/4	259.58	1/4	68.06	1/4		1/4	
1/2	1,399.73	1/2	1,208.17	1/2	1,016.61	1/2	825.05	1/2	633.49	1/2	447.14	1/2	255.59	1/2	64.08	1/2		1/2	
3/4	1,395.73	3/4	1,204.18	3/4	1,012.62	3/4	821.06	3/4	629.50	3/4	443.15	3/4	251.60	3/4	60.12	3/4		3/4	
11	1,391.74	11	1,200.19	11	1,008.63	11	817.07	11	625.51	11	439.16	11	247.61	11	56.16	11		11	
1/4	1,387.75	1/4	1,196.19	1/4	1,004.64	1/4	813.08	1/4	621.52	1/4	435.17	1/4	243.62	1/4	52.20	1/4		1/4	
1/2	1,383.76	1/2	1,192.20	1/2	1,000.65	1/2	809.09	1/2	617.53	1/2	431.18	1/2	239.63	1/2	48.24	1/2		1/2	
3/4	1,379.77	3/4	1,188.21	3/4	996.65	3/4	805.10	3/4	613.54	3/4	427.19	3/4	235.64	3/4	44.29	3/4		3/4	

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PRINTED: 04/10/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "DBL 254"

4 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		0	3,405.92	0	3,195.40	0	2,984.88	0	2,774.35	0	2,563.83	0	2,353.31	0	2,142.78	0	1,932.26
1/4	1/4	3,568.18	1/4	3,401.54	1/4	3,191.01	1/4	2,980.49	1/4	2,769.97	1/4	2,559.44	1/4	2,348.92	1/4	2,138.40	1/4	1,927.88	
1/2	1/2	3,567.74	1/2	3,397.15	1/2	3,186.63	1/2	2,976.11	1/2	2,765.58	1/2	2,555.06	1/2	2,344.54	1/2	2,134.01	1/2	1,923.49	
3/4	3/4	3,567.30	3/4	3,392.77	3/4	3,182.24	3/4	2,971.72	3/4	2,761.20	3/4	2,550.67	3/4	2,340.15	3/4	2,129.63	3/4	1,919.10	
1	1	3,566.86	1	3,388.38	1	3,177.86	1	2,967.33	1	2,756.81	1	2,546.29	1	2,335.76	1	2,125.24	1	1,914.72	
1/4	1/4	3,566.43	1/4	3,383.99	1/4	3,173.47	1/4	2,962.95	1/4	2,752.42	1/4	2,541.90	1/4	2,331.38	1/4	2,120.85	1/4	1,910.33	
1/2	1/2	3,565.11	1/2	3,379.61	1/2	3,169.08	1/2	2,958.56	1/2	2,748.04	1/2	2,537.52	1/2	2,326.99	1/2	2,116.47	1/2	1,905.95	
3/4	3/4	3,563.79	3/4	3,375.22	3/4	3,164.70	3/4	2,954.18	3/4	2,743.65	3/4	2,533.13	3/4	2,322.61	3/4	2,112.08	3/4	1,901.56	
2	2	3,562.48	2	3,370.84	2	3,160.31	2	2,949.79	2	2,739.27	2	2,528.74	2	2,318.22	2	2,107.70	2	1,897.17	
1/4	1/4	3,561.16	1/4	3,366.45	1/4	3,155.93	1/4	2,945.40	1/4	2,734.88	1/4	2,524.36	1/4	2,313.83	1/4	2,103.31	1/4	1,892.79	
1/2	1/2	3,558.97	1/2	3,362.06	1/2	3,151.54	1/2	2,941.02	1/2	2,730.49	1/2	2,519.97	1/2	2,309.45	1/2	2,098.93	1/2	1,888.40	
3/4	3/4	3,556.78	3/4	3,357.68	3/4	3,147.16	3/4	2,936.63	3/4	2,726.11	3/4	2,515.59	3/4	2,305.06	3/4	2,094.54	3/4	1,884.02	
3	3	3,554.58	3	3,353.29	3	3,142.77	3	2,932.25	3	2,721.72	3	2,511.20	3	2,300.68	3	2,090.15	3	1,879.63	
1/4	1/4	3,552.39	1/4	3,348.91	1/4	3,138.38	1/4	2,927.86	1/4	2,717.34	1/4	2,506.81	1/4	2,296.29	1/4	2,085.77	1/4	1,875.24	
1/2	1/2	3,549.32	1/2	3,344.52	1/2	3,134.00	1/2	2,923.47	1/2	2,712.95	1/2	2,502.43	1/2	2,291.90	1/2	2,081.38	1/2	1,870.86	
3/4	3/4	3,546.25	3/4	3,340.13	3/4	3,129.61	3/4	2,919.09	3/4	2,708.57	3/4	2,498.04	3/4	2,287.52	3/4	2,077.00	3/4	1,866.47	
4	4	3,543.18	4	3,335.75	4	3,125.23	4	2,914.70	4	2,704.18	4	2,493.66	4	2,283.13	4	2,072.61	4	1,862.09	
1/4	1/4	3,540.11	1/4	3,331.36	1/4	3,120.84	1/4	2,910.32	1/4	2,699.79	1/4	2,489.27	1/4	2,278.75	1/4	2,068.22	1/4	1,857.70	
1/2	1/2	3,536.16	1/2	3,326.98	1/2	3,116.45	1/2	2,905.93	1/2	2,695.41	1/2	2,484.88	1/2	2,274.36	1/2	2,063.84	1/2	1,853.31	
3/4	3/4	3,532.22	3/4	3,322.59	3/4	3,112.07	3/4	2,901.54	3/4	2,691.02	3/4	2,480.50	3/4	2,269.98	3/4	2,059.45	3/4	1,848.93	
5	5	3,528.27	5	3,318.21	5	3,107.68	5	2,897.16	5	2,686.64	5	2,476.11	5	2,265.59	5	2,055.07	5	1,844.54	
1/4	1/4	3,524.32	1/4	3,313.82	1/4	3,103.30	1/4	2,892.77	1/4	2,682.25	1/4	2,471.73	1/4	2,261.20	1/4	2,050.68	1/4	1,840.16	
1/2	1/2	3,519.94	1/2	3,309.43	1/2	3,098.91	1/2	2,888.39	1/2	2,677.86	1/2	2,467.34	1/2	2,256.82	1/2	2,046.29	1/2	1,835.77	
3/4	3/4	3,515.56	3/4	3,305.05	3/4	3,094.52	3/4	2,884.00	3/4	2,673.48	3/4	2,462.95	3/4	2,252.43	3/4	2,041.91	3/4	1,831.39	
6	6	3,511.18	6	3,300.66	6	3,090.14	6	2,879.62	6	2,669.09	6	2,458.57	6	2,248.05	6	2,037.52	6	1,827.00	
1/4	1/4	3,506.80	1/4	3,296.28	1/4	3,085.75	1/4	2,875.23	1/4	2,664.71	1/4	2,454.18	1/4	2,243.66	1/4	2,033.14	1/4	1,822.61	
1/2	1/2	3,502.41	1/2	3,291.89	1/2	3,081.37	1/2	2,870.84	1/2	2,660.32	1/2	2,449.80	1/2	2,239.27	1/2	2,028.75	1/2	1,818.23	
3/4	3/4	3,498.03	3/4	3,287.50	3/4	3,076.98	3/4	2,866.46	3/4	2,655.93	3/4	2,445.41	3/4	2,234.89	3/4	2,024.36	3/4	1,813.84	
7	7	3,493.64	7	3,283.12	7	3,072.60	7	2,862.07	7	2,651.55	7	2,441.03	7	2,230.50	7	2,019.98	7	1,809.46	
1/4	1/4	3,489.26	1/4	3,278.73	1/4	3,068.21	1/4	2,857.69	1/4	2,647.16	1/4	2,436.64	1/4	2,226.12	1/4	2,015.59	1/4	1,805.07	
1/2	1/2	3,484.87	1/2	3,274.35	1/2	3,063.82	1/2	2,853.30	1/2	2,642.78	1/2	2,432.25	1/2	2,221.73	1/2	2,011.21	1/2	1,800.68	
3/4	3/4	3,480.48	3/4	3,269.96	3/4	3,059.44	3/4	2,848.91	3/4	2,638.39	3/4	2,427.87	3/4	2,217.34	3/4	2,006.82	3/4	1,796.30	
8	8	3,476.10	8	3,265.57	8	3,055.05	8	2,844.53	8	2,634.01	8	2,423.48	8	2,212.96	8	2,002.44	8	1,791.91	
1/4	1/4	3,471.71	1/4	3,261.19	1/4	3,050.67	1/4	2,840.14	1/4	2,629.62	1/4	2,419.10	1/4	2,208.57	1/4	1,998.05	1/4	1,787.53	
1/2	1/2	3,467.33	1/2	3,256.80	1/2	3,046.28	1/2	2,835.76	1/2	2,625.23	1/2	2,414.71	1/2	2,204.19	1/2	1,993.66	1/2	1,783.14	
3/4	3/4	3,462.94	3/4	3,252.42	3/4	3,041.89	3/4	2,831.37	3/4	2,620.85	3/4	2,410.32	3/4	2,199.80	3/4	1,989.28	3/4	1,778.75	
9	9	3,458.55	9	3,248.03	9	3,037.51	9	2,826.98	9	2,616.46	9	2,405.94	9	2,195.42	9	1,984.89	9	1,774.37	
1/4	1/4	3,454.17	1/4	3,243.65	1/4	3,033.12	1/4	2,822.60	1/4	2,612.08	1/4	2,401.55	1/4	2,191.03	1/4	1,980.51	1/4	1,769.98	
1/2	1/2	3,449.78	1/2	3,239.26	1/2	3,028.74	1/2	2,818.21	1/2	2,607.69	1/2	2,397.17	1/2	2,186.64	1/2	1,976.12	1/2	1,765.60	
3/4	3/4	3,445.40	3/4	3,234.87	3/4	3,024.35	3/4	2,813.83	3/4	2,603.30	3/4	2,392.78	3/4	2,182.26	3/4	1,971.73	3/4	1,761.21	
10	10	3,441.01	10	3,230.49	10	3,019.96	10	2,809.44	10	2,598.92	10	2,388.39	10	2,177.87	10	1,967.35	10	1,756.83	
1/4	1/4	3,436.62	1/4	3,226.10	1/4	3,015.58	1/4	2,805.06	1/4	2,594.53	1/4	2,384.01	1/4	2,173.49	1/4	1,962.96	1/4	1,752.44	
1/2	1/2	3,432.24	1/2	3,221.72	1/2	3,011.19	1/2	2,800.67	1/2	2,590.15	1/2	2,379.62	1/2	2,169.10	1/2	1,958.58	1/2	1,748.05	
3/4	3/4	3,427.85	3/4	3,217.33	3/4	3,006.81	3/4	2,796.28	3/4	2,585.76	3/4	2,375.24	3/4	2,164.71	3/4	1,954.19	3/4	1,743.67	
11	11	3,423.47	11	3,212.94	11	3,002.42	11	2,791.90	11	2,581.37	11	2,370.85	11	2,160.33	11	1,949.80	11	1,739.28	
1/4	1/4	3,419.08	1/4	3,208.56	1/4	2,998.03	1/4	2,787.51	1/4	2,576.99	1/4	2,366.47	1/4	2,155.94	1/4	1,945.42	1/4	1,734.90	
1/2	1/2	3,414.70	1/2	3,204.17	1/2	2,993.65	1/2	2,783.13	1/2	2,572.60	1/2	2,362.08	1/2	2,151.56	1/2	1,941.03	1/2	1,730.51	
3/4	3/4	3,410.31	3/4	3,199.79	3/4	2,989.26	3/4	2,778.74	3/4	2,568.22	3/4	2,357.69	3/4	2,147.17	3/4	1,936.65	3/4	1,726.12	

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 17' - 09" FORWARD OF AFT BULKHEAD.

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



BARGE "DBL 254"

4 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	1,721.74	0	1,511.21	0	1,300.69	0	1,090.17	0	879.65	0	669.43	0	460.66	0	250.16	0	40.93	0	
1/4	1,717.35	1/4	1,506.83	1/4	1,296.31	1/4	1,085.78	1/4	875.26	1/4	665.10	1/4	456.28	1/4	245.77	1/4	36.91	1/4	
1/2	1,712.97	1/2	1,502.44	1/2	1,291.92	1/2	1,081.40	1/2	870.87	1/2	660.77	1/2	451.89	1/2	241.38	1/2	33.62	1/2	
3/4	1,708.58	3/4	1,498.06	3/4	1,287.53	3/4	1,077.01	3/4	866.49	3/4	656.44	3/4	447.51	3/4	237.00	3/4	30.33	3/4	
1	1,704.19	1	1,493.67	1	1,283.15	1	1,072.62	1	862.10	1	652.11	1	443.12	1	232.61	1	27.04	1	
1/4	1,699.81	1/4	1,489.29	1/4	1,278.76	1/4	1,068.24	1/4	857.72	1/4	647.78	1/4	438.74	1/4	228.23	1/4	23.76	1/4	
1/2	1,695.42	1/2	1,484.90	1/2	1,274.38	1/2	1,063.85	1/2	853.33	1/2	643.45	1/2	434.35	1/2	223.84	1/2	21.20	1/2	
3/4	1,691.04	3/4	1,480.51	3/4	1,269.99	3/4	1,059.47	3/4	848.94	3/4	639.12	3/4	429.96	3/4	219.46	3/4	18.64	3/4	
2	1,686.65	2	1,476.13	2	1,265.60	2	1,055.08	2	844.56	2	634.79	2	425.58	2	215.07	2	16.08	2	
1/4	1,682.26	1/4	1,471.74	1/4	1,261.22	1/4	1,050.70	1/4	840.17	1/4	630.46	1/4	421.19	1/4	210.68	1/4	13.52	1/4	
1/2	1,677.88	1/2	1,467.36	1/2	1,256.83	1/2	1,046.31	1/2	835.79	1/2	626.13	1/2	416.81	1/2	206.30	1/2	11.70	1/2	
3/4	1,673.49	3/4	1,462.97	3/4	1,252.45	3/4	1,041.92	3/4	831.40	3/4	621.80	3/4	412.42	3/4	201.91	3/4	9.87	3/4	
3	1,669.11	3	1,458.58	3	1,248.06	3	1,037.54	3	827.01	3	617.47	3	408.04	3	197.53	3	8.04	3	
1/4	1,664.72	1/4	1,454.20	1/4	1,243.67	1/4	1,033.15	1/4	822.63	1/4	613.14	1/4	403.65	1/4	193.14	1/4	6.21	1/4	
1/2	1,660.34	1/2	1,449.81	1/2	1,239.29	1/2	1,028.77	1/2	818.24	1/2	608.81	1/2	399.27	1/2	188.76	1/2	5.12	1/2	
3/4	1,655.95	3/4	1,445.43	3/4	1,234.90	3/4	1,024.38	3/4	813.86	3/4	604.48	3/4	394.88	3/4	184.37	3/4	4.02	3/4	
4	1,651.56	4	1,441.04	4	1,230.52	4	1,019.99	4	809.47	4	600.15	4	390.49	4	179.99	4	2.92	4	
1/4	1,647.18	1/4	1,436.65	1/4	1,226.13	1/4	1,015.61	1/4	805.08	1/4	595.82	1/4	386.11	1/4	175.60	1/4	1.83	1/4	
1/2	1,642.79	1/2	1,432.27	1/2	1,221.75	1/2	1,011.22	1/2	800.70	1/2	591.49	1/2	381.72	1/2	171.21	1/2	1.46	1/2	
3/4	1,638.41	3/4	1,427.88	3/4	1,217.36	3/4	1,006.84	3/4	796.31	3/4	587.16	3/4	377.34	3/4	166.83	3/4	1.10	3/4	
5	1,634.02	5	1,423.50	5	1,212.97	5	1,002.45	5	791.93	5	582.83	5	372.95	5	162.44	5	0.73	5	
1/4	1,629.63	1/4	1,419.11	1/4	1,208.59	1/4	998.06	1/4	787.54	1/4	578.50	1/4	368.57	1/4	158.06	1/4	0.37	1/4	
1/2	1,625.25	1/2	1,414.72	1/2	1,204.20	1/2	993.68	1/2	783.16	1/2	574.17	1/2	364.18	1/2	153.67	1/2		1/2	
3/4	1,620.86	3/4	1,410.34	3/4	1,199.82	3/4	989.29	3/4	778.77	3/4	569.84	3/4	359.80	3/4	149.29	3/4		3/4	
6	1,616.48	6	1,405.95	6	1,195.43	6	984.91	6	774.38	6	565.51	6	355.41	6	144.90	6		6	
1/4	1,612.09	1/4	1,401.57	1/4	1,191.04	1/4	980.52	1/4	770.00	1/4	561.18	1/4	351.02	1/4	140.52	1/4		1/4	
1/2	1,607.70	1/2	1,397.18	1/2	1,186.66	1/2	976.13	1/2	765.61	1/2	556.85	1/2	346.64	1/2	136.13	1/2		1/2	
3/4	1,603.32	3/4	1,392.80	3/4	1,182.27	3/4	971.75	3/4	761.23	3/4	552.52	3/4	342.25	3/4	131.74	3/4		3/4	
7	1,598.93	7	1,388.41	7	1,177.89	7	967.36	7	756.84	7	548.19	7	337.87	7	127.36	7		7	
1/4	1,594.55	1/4	1,384.02	1/4	1,173.50	1/4	962.98	1/4	752.45	1/4	543.87	1/4	333.48	1/4	122.97	1/4		1/4	
1/2	1,590.16	1/2	1,379.64	1/2	1,169.11	1/2	958.59	1/2	748.07	1/2	539.51	1/2	329.10	1/2	118.59	1/2		1/2	
3/4	1,585.77	3/4	1,375.25	3/4	1,164.73	3/4	954.21	3/4	743.68	3/4	535.16	3/4	324.71	3/4	114.20	3/4		3/4	
8	1,581.39	8	1,370.87	8	1,160.34	8	949.82	8	739.30	8	530.80	8	320.32	8	109.82	8		8	
1/4	1,577.00	1/4	1,366.48	1/4	1,155.96	1/4	945.43	1/4	734.91	1/4	526.45	1/4	315.94	1/4	105.43	1/4		1/4	
1/2	1,572.62	1/2	1,362.09	1/2	1,151.57	1/2	941.05	1/2	730.52	1/2	522.06	1/2	311.55	1/2	101.05	1/2		1/2	
3/4	1,568.23	3/4	1,357.71	3/4	1,147.18	3/4	936.66	3/4	726.14	3/4	517.68	3/4	307.17	3/4	96.66	3/4		3/4	
9	1,563.85	9	1,353.32	9	1,142.80	9	932.28	9	721.75	9	513.29	9	302.78	9	92.28	9		9	
1/4	1,559.46	1/4	1,348.94	1/4	1,138.41	1/4	927.89	1/4	717.37	1/4	508.91	1/4	298.40	1/4	87.89	1/4		1/4	
1/2	1,555.07	1/2	1,344.55	1/2	1,134.03	1/2	923.50	1/2	712.98	1/2	504.52	1/2	294.01	1/2	83.52	1/2		1/2	
3/4	1,550.69	3/4	1,340.16	3/4	1,129.64	3/4	919.12	3/4	708.59	3/4	500.13	3/4	289.63	3/4	79.14	3/4		3/4	
10	1,546.30	10	1,335.78	10	1,125.26	10	914.73	10	704.21	10	495.75	10	285.24	10	74.76	10		10	
1/4	1,541.92	1/4	1,331.39	1/4	1,120.87	1/4	910.35	1/4	699.82	1/4	491.36	1/4	280.85	1/4	70.39	1/4		1/4	
1/2	1,537.53	1/2	1,327.01	1/2	1,116.48	1/2	905.96	1/2	695.47	1/2	486.98	1/2	276.47	1/2	66.04	1/2		1/2	
3/4	1,533.14	3/4	1,322.62	3/4	1,112.10	3/4	901.57	3/4	691.12	3/4	482.59	3/4	272.08	3/4	61.68	3/4		3/4	
11	1,528.76	11	1,318.24	11	1,107.71	11	897.19	11	686.77	11	478.21	11	267.70	11	57.33	11		11	
1/4	1,524.37	1/4	1,313.85	1/4	1,103.33	1/4	892.80	1/4	682.42	1/4	473.82	1/4	263.31	1/4	52.98	1/4		1/4	
1/2	1,519.99	1/2	1,309.46	1/2	1,098.94	1/2	888.42	1/2	678.09	1/2	469.44	1/2	258.93	1/2	48.96	1/2		1/2	
3/4	1,515.60	3/4	1,305.08	3/4	1,094.55	3/4	884.03	3/4	673.76	3/4	465.05	3/4	254.54	3/4	44.95	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/09/2019 SW JS
CALCULATED: 04/09/2019 CL
PRINTED: 04/10/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2019

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