



BARGE "DBL 254"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	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 INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

April 9, 2019

PRECISION MEASUREMENT
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BARGE "DBL 254"

1 CENTER INNAGE 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	0.37	0	147.81	0	335.74	0	516.16	0	698.21	0	884.71	0	1,070.93	0	1,257.01	0	1,443.73	0	1,630.23
1/4	1.29	1/4	151.72	1/4	339.63	1/4	519.75	1/4	702.10	1/4	888.60	1/4	1,074.79	1/4	1,260.90	1/4	1,447.62	1/4	1,634.12
1/2	2.22	1/2	155.64	1/2	343.53	1/2	523.34	1/2	705.98	1/2	892.48	1/2	1,078.66	1/2	1,264.79	1/2	1,451.51	1/2	1,638.01
3/4	3.15	3/4	159.55	3/4	347.42	3/4	526.93	3/4	709.87	3/4	896.37	3/4	1,082.52	3/4	1,268.68	3/4	1,455.40	3/4	1,641.90
1	4.07	1	163.47	1	351.31	1	530.51	1	713.75	1	900.25	1	1,086.39	1	1,272.57	1	1,459.29	1	1,645.79
1/4	5.52	1/4	167.38	1/4	355.20	1/4	534.10	1/4	717.64	1/4	904.14	1/4	1,090.26	1/4	1,276.46	1/4	1,463.18	1/4	1,649.67
1/2	6.96	1/2	171.30	1/2	359.09	1/2	537.69	1/2	721.53	1/2	908.02	1/2	1,094.12	1/2	1,280.35	1/2	1,467.07	1/2	1,653.56
3/4	8.41	3/4	175.21	3/4	362.98	3/4	541.28	3/4	725.41	3/4	911.91	3/4	1,097.99	3/4	1,284.24	3/4	1,470.96	3/4	1,657.45
2	9.85	2	179.13	2	366.87	2	544.87	2	729.30	2	915.80	2	1,101.85	2	1,288.13	2	1,474.85	2	1,661.34
1/4	11.82	1/4	183.05	1/4	370.74	1/4	548.46	1/4	733.18	1/4	919.68	1/4	1,105.72	1/4	1,292.02	1/4	1,478.74	1/4	1,665.23
1/2	13.78	1/2	186.96	1/2	374.60	1/2	552.05	1/2	737.07	1/2	923.57	1/2	1,109.58	1/2	1,295.91	1/2	1,482.63	1/2	1,669.12
3/4	15.74	3/4	190.88	3/4	378.46	3/4	555.64	3/4	740.95	3/4	927.45	3/4	1,113.45	3/4	1,299.80	3/4	1,486.52	3/4	1,673.00
3	17.71	3	194.79	3	382.32	3	559.23	3	744.84	3	931.34	3	1,117.31	3	1,303.69	3	1,490.41	3	1,676.89
1/4	20.19	1/4	198.71	1/4	386.18	1/4	562.89	1/4	748.72	1/4	935.22	1/4	1,121.18	1/4	1,307.58	1/4	1,494.30	1/4	1,680.78
1/2	22.68	1/2	202.62	1/2	390.05	1/2	566.56	1/2	752.61	1/2	939.11	1/2	1,125.05	1/2	1,311.47	1/2	1,498.19	1/2	1,684.67
3/4	25.16	3/4	206.54	3/4	393.91	3/4	570.22	3/4	756.49	3/4	942.99	3/4	1,128.91	3/4	1,315.36	3/4	1,502.08	3/4	1,688.56
4	27.64	4	210.45	4	397.77	4	573.88	4	760.38	4	946.88	4	1,132.78	4	1,319.25	4	1,505.97	4	1,692.45
1/4	30.65	1/4	214.37	1/4	401.66	1/4	577.77	1/4	764.27	1/4	950.76	1/4	1,136.64	1/4	1,323.14	1/4	1,509.86	1/4	1,696.33
1/2	33.65	1/2	218.28	1/2	405.55	1/2	581.65	1/2	768.15	1/2	954.65	1/2	1,140.51	1/2	1,327.03	1/2	1,513.75	1/2	1,700.22
3/4	36.65	3/4	222.20	3/4	409.45	3/4	585.54	3/4	772.04	3/4	958.54	3/4	1,144.37	3/4	1,330.92	3/4	1,517.64	3/4	1,704.11
5	39.66	5	226.11	5	413.34	5	589.42	5	775.92	5	962.42	5	1,148.24	5	1,334.81	5	1,521.53	5	1,708.00
1/4	43.24	1/4	230.03	1/4	417.23	1/4	593.31	1/4	779.81	1/4	966.31	1/4	1,152.11	1/4	1,338.70	1/4	1,525.41	1/4	1,711.89
1/2	46.83	1/2	233.94	1/2	421.12	1/2	597.19	1/2	783.69	1/2	970.19	1/2	1,155.97	1/2	1,342.59	1/2	1,529.30	1/2	1,715.78
3/4	50.42	3/4	237.86	3/4	425.01	3/4	601.08	3/4	787.58	3/4	974.08	3/4	1,159.84	3/4	1,346.48	3/4	1,533.18	3/4	1,719.66
6	54.00	6	241.77	6	428.90	6	604.96	6	791.46	6	977.96	6	1,163.70	6	1,350.37	6	1,537.06	6	1,723.55
1/4	57.89	1/4	245.69	1/4	432.59	1/4	608.85	1/4	795.35	1/4	981.85	1/4	1,167.58	1/4	1,354.26	1/4	1,540.94	1/4	1,727.44
1/2	61.77	1/2	249.61	1/2	436.28	1/2	612.73	1/2	799.23	1/2	985.73	1/2	1,171.46	1/2	1,358.15	1/2	1,544.82	1/2	1,731.33
3/4	65.66	3/4	253.52	3/4	439.97	3/4	616.62	3/4	803.12	3/4	989.62	3/4	1,175.34	3/4	1,362.04	3/4	1,548.70	3/4	1,735.22
7	69.54	7	257.44	7	443.66	7	620.51	7	807.00	7	993.50	7	1,179.21	7	1,365.93	7	1,552.58	7	1,739.11
1/4	73.45	1/4	261.35	1/4	447.35	1/4	624.39	1/4	810.89	1/4	997.39	1/4	1,183.10	1/4	1,369.82	1/4	1,556.46	1/4	1,742.99
1/2	77.35	1/2	265.27	1/2	451.04	1/2	628.28	1/2	814.78	1/2	1,001.27	1/2	1,186.99	1/2	1,373.71	1/2	1,560.34	1/2	1,746.88
3/4	81.26	3/4	269.18	3/4	454.74	3/4	632.16	3/4	818.66	3/4	1,005.16	3/4	1,190.88	3/4	1,377.60	3/4	1,564.23	3/4	1,750.77
8	85.17	8	273.10	8	458.43	8	636.05	8	822.55	8	1,009.05	8	1,194.77	8	1,381.49	8	1,568.11	8	1,754.66
1/4	89.08	1/4	277.01	1/4	462.09	1/4	639.93	1/4	826.43	1/4	1,012.92	1/4	1,198.66	1/4	1,385.38	1/4	1,571.99	1/4	1,758.55
1/2	93.00	1/2	280.93	1/2	465.75	1/2	643.82	1/2	830.32	1/2	1,016.79	1/2	1,202.55	1/2	1,389.27	1/2	1,575.87	1/2	1,762.44
3/4	96.91	3/4	284.84	3/4	469.42	3/4	647.70	3/4	834.20	3/4	1,020.66	3/4	1,206.44	3/4	1,393.16	3/4	1,579.75	3/4	1,766.32
9	100.82	9	288.76	9	473.08	9	651.59	9	838.09	9	1,024.54	9	1,210.33	9	1,397.05	9	1,583.63	9	1,770.21
1/4	104.74	1/4	292.67	1/4	476.67	1/4	655.47	1/4	841.97	1/4	1,028.40	1/4	1,214.22	1/4	1,400.94	1/4	1,587.51	1/4	1,774.10
1/2	108.65	1/2	296.59	1/2	480.26	1/2	659.36	1/2	845.86	1/2	1,032.27	1/2	1,218.11	1/2	1,404.83	1/2	1,591.39	1/2	1,777.99
3/4	112.57	3/4	300.50	3/4	483.85	3/4	663.24	3/4	849.74	3/4	1,036.14	3/4	1,222.00	3/4	1,408.72	3/4	1,595.27	3/4	1,781.88
10	116.49	10	304.42	10	487.44	10	667.13	10	853.63	10	1,040.00	10	1,225.89	10	1,412.61	10	1,599.16	10	1,785.76
1/4	120.40	1/4	308.34	1/4	491.03	1/4	671.02	1/4	857.51	1/4	1,043.87	1/4	1,229.78	1/4	1,416.50	1/4	1,603.04	1/4	1,789.65
1/2	124.32	1/2	312.25	1/2	494.62	1/2	674.90	1/2	861.40	1/2	1,047.73	1/2	1,233.67	1/2	1,420.39	1/2	1,606.92	1/2	1,793.54
3/4	128.23	3/4	316.17	3/4	498.21	3/4	678.79	3/4	865.29	3/4	1,051.60	3/4	1,237.56	3/4	1,424.28	3/4	1,610.80	3/4	1,797.43
11	132.15	11	320.08	11	501.80	11	682.67	11	869.17	11	1,055.46	11	1,241.45	11	1,428.17	11	1,614.68	11	1,801.32
1/4	136.06	1/4	324.00	1/4	505.39	1/4	686.56	1/4	873.06	1/4	1,059.33	1/4	1,245.34	1/4	1,432.06	1/4	1,618.57	1/4	1,805.21
1/2	139.98	1/2	327.91	1/2	508.98	1/2	690.44	1/2	876.94	1/2	1,063.20	1/2	1,249.23	1/2	1,435.95	1/2	1,622.46	1/2	1,809.09
3/4	143.89	3/4	331.83	3/4	512.57	3/4	694.33	3/4	880.83	3/4	1,067.06	3/4	1,253.12	3/4	1,439.84	3/4	1,626.34	3/4	1,812.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 21'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "DBL 254"

1 CENTER INNAGE 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	1,816.87	0	1,988.13	0	2,144.02	0	2,299.90	0	2,455.79	0	2,611.67	0	2,767.56	0	2,926.09	0			0
1/4	1,820.76	1/4	1,991.38	1/4	2,147.27	1/4	2,303.15	1/4	2,459.03	1/4	2,614.92	1/4	2,770.80	1/4	2,929.61	1/4			1/4
1/2	1,824.65	1/2	1,994.63	1/2	2,150.51	1/2	2,306.40	1/2	2,462.28	1/2	2,618.17	1/2	2,774.05	1/2	2,933.13	1/2			1/2
3/4	1,828.54	3/4	1,997.88	3/4	2,153.76	3/4	2,309.65	3/4	2,465.53	3/4	2,621.41	3/4	2,777.30	3/4	2,936.66	3/4			3/4
1	1,832.42	1	2,001.12	1	2,157.01	1	2,312.89	1	2,468.78	1	2,624.66	1	2,780.55	1	2,940.18	1			1
1/4	1,836.31	1/4	2,004.37	1/4	2,160.26	1/4	2,316.14	1/4	2,472.03	1/4	2,627.91	1/4	2,783.79	1/4	2,942.92	1/4			1/4
1/2	1,840.20	1/2	2,007.62	1/2	2,163.50	1/2	2,319.39	1/2	2,475.27	1/2	2,631.16	1/2	2,787.04	1/2	2,945.66	1/2			1/2
3/4	1,844.09	3/4	2,010.87	3/4	2,166.75	3/4	2,322.64	3/4	2,478.52	3/4	2,634.41	3/4	2,790.29	3/4	2,948.40	3/4			3/4
2	1,847.98	2	2,014.11	2	2,170.00	2	2,325.88	2	2,481.77	2	2,637.65	2	2,793.54	2	2,951.14	2			2
1/4	1,851.87	1/4	2,017.36	1/4	2,173.25	1/4	2,329.13	1/4	2,485.02	1/4	2,640.90	1/4	2,796.79	1/4	2,953.10	1/4			1/4
1/2	1,855.75	1/2	2,020.61	1/2	2,176.49	1/2	2,332.38	1/2	2,488.26	1/2	2,644.15	1/2	2,800.03	1/2	2,955.06	1/2			1/2
3/4	1,859.64	3/4	2,023.86	3/4	2,179.74	3/4	2,335.63	3/4	2,491.51	3/4	2,647.40	3/4	2,803.28	3/4	2,957.01	3/4			3/4
3	1,863.53	3	2,027.10	3	2,182.99	3	2,338.87	3	2,494.76	3	2,650.64	3	2,806.53	3	2,958.97	3			3
1/4	1,867.42	1/4	2,030.35	1/4	2,186.24	1/4	2,342.12	1/4	2,498.01	1/4	2,653.89	1/4	2,809.78	1/4	2,960.15	1/4			1/4
1/2	1,871.31	1/2	2,033.60	1/2	2,189.48	1/2	2,345.37	1/2	2,501.25	1/2	2,657.14	1/2	2,813.02	1/2	2,961.32	1/2			1/2
3/4	1,875.20	3/4	2,036.85	3/4	2,192.73	3/4	2,348.62	3/4	2,504.50	3/4	2,660.39	3/4	2,816.27	3/4	2,962.49	3/4			3/4
4	1,879.08	4	2,040.09	4	2,195.98	4	2,351.86	4	2,507.75	4	2,663.63	4	2,819.52	4	2,963.67	4			4
1/4	1,882.97	1/4	2,043.34	1/4	2,199.23	1/4	2,355.11	1/4	2,511.00	1/4	2,666.88	1/4	2,822.77	1/4	2,964.06	1/4			1/4
1/2	1,886.86	1/2	2,046.59	1/2	2,202.47	1/2	2,358.36	1/2	2,514.24	1/2	2,670.13	1/2	2,826.01	1/2	2,964.45	1/2			1/2
3/4	1,890.75	3/4	2,049.84	3/4	2,205.72	3/4	2,361.61	3/4	2,517.49	3/4	2,673.38	3/4	2,829.26	3/4	2,964.84	3/4			3/4
5	1,894.64	5	2,053.08	5	2,208.97	5	2,364.85	5	2,520.74	5	2,676.62	5	2,832.51	5	2,965.23	5			5
1/4	1,898.53	1/4	2,056.33	1/4	2,212.22	1/4	2,368.10	1/4	2,523.99	1/4	2,679.87	1/4	2,835.76	1/4		1/4			1/4
1/2	1,902.41	1/2	2,059.58	1/2	2,215.46	1/2	2,371.35	1/2	2,527.23	1/2	2,683.12	1/2	2,839.00	1/2		1/2			1/2
3/4	1,906.30	3/4	2,062.83	3/4	2,218.71	3/4	2,374.60	3/4	2,530.48	3/4	2,686.37	3/4	2,842.25	3/4		3/4			3/4
6	1,910.19	6	2,066.08	6	2,221.96	6	2,377.84	6	2,533.73	6	2,689.61	6	2,845.50	6		6			6
1/4	1,913.44	1/4	2,069.32	1/4	2,225.21	1/4	2,381.09	1/4	2,536.98	1/4	2,692.86	1/4	2,848.75	1/4		1/4			1/4
1/2	1,916.69	1/2	2,072.57	1/2	2,228.46	1/2	2,384.34	1/2	2,540.22	1/2	2,696.11	1/2	2,851.99	1/2		1/2			1/2
3/4	1,919.93	3/4	2,075.82	3/4	2,231.70	3/4	2,387.59	3/4	2,543.47	3/4	2,699.36	3/4	2,855.24	3/4		3/4			3/4
7	1,923.18	7	2,079.07	7	2,234.95	7	2,390.84	7	2,546.72	7	2,702.60	7	2,858.49	7		7			7
1/4	1,926.43	1/4	2,082.31	1/4	2,238.20	1/4	2,394.08	1/4	2,549.97	1/4	2,705.85	1/4	2,861.74	1/4		1/4			1/4
1/2	1,929.68	1/2	2,085.56	1/2	2,241.45	1/2	2,397.33	1/2	2,553.22	1/2	2,709.10	1/2	2,864.98	1/2		1/2			1/2
3/4	1,932.92	3/4	2,088.81	3/4	2,244.69	3/4	2,400.58	3/4	2,556.46	3/4	2,712.35	3/4	2,868.23	3/4		3/4			3/4
8	1,936.17	8	2,092.06	8	2,247.94	8	2,403.83	8	2,559.71	8	2,715.60	8	2,871.48	8		8			8
1/4	1,939.42	1/4	2,095.30	1/4	2,251.19	1/4	2,407.07	1/4	2,562.96	1/4	2,718.84	1/4	2,874.73	1/4		1/4			1/4
1/2	1,942.67	1/2	2,098.55	1/2	2,254.44	1/2	2,410.32	1/2	2,566.21	1/2	2,722.09	1/2	2,877.98	1/2		1/2			1/2
3/4	1,945.91	3/4	2,101.80	3/4	2,257.68	3/4	2,413.57	3/4	2,569.45	3/4	2,725.34	3/4	2,881.22	3/4		3/4			3/4
9	1,949.16	9	2,105.05	9	2,260.93	9	2,416.82	9	2,572.70	9	2,728.59	9	2,884.47	9		9			9
1/4	1,952.41	1/4	2,108.29	1/4	2,264.18	1/4	2,420.06	1/4	2,575.95	1/4	2,731.83	1/4	2,887.72	1/4		1/4			1/4
1/2	1,955.66	1/2	2,111.54	1/2	2,267.43	1/2	2,423.31	1/2	2,579.20	1/2	2,735.08	1/2	2,890.97	1/2		1/2			1/2
3/4	1,958.90	3/4	2,114.79	3/4	2,270.67	3/4	2,426.56	3/4	2,582.44	3/4	2,738.33	3/4	2,894.21	3/4		3/4			3/4
10	1,962.15	10	2,118.04	10	2,273.92	10	2,429.81	10	2,585.69	10	2,741.58	10	2,897.46	10		10			10
1/4	1,965.40	1/4	2,121.28	1/4	2,277.17	1/4	2,433.05	1/4	2,588.94	1/4	2,744.82	1/4	2,900.71	1/4		1/4			1/4
1/2	1,968.65	1/2	2,124.53	1/2	2,280.42	1/2	2,436.30	1/2	2,592.19	1/2	2,748.07	1/2	2,903.96	1/2		1/2			1/2
3/4	1,971.89	3/4	2,127.78	3/4	2,283.66	3/4	2,439.55	3/4	2,595.43	3/4	2,751.32	3/4	2,907.20	3/4		3/4			3/4
11	1,975.14	11	2,131.03	11	2,286.91	11	2,442.80	11	2,598.68	11	2,754.57	11	2,910.45	11		11			11
1/4	1,978.39	1/4	2,134.27	1/4	2,290.16	1/4	2,446.04	1/4	2,601.93	1/4	2,757.81	1/4	2,914.36	1/4		1/4			1/4
1/2	1,981.64	1/2	2,137.52	1/2	2,293.41	1/2	2,449.29	1/2	2,605.18	1/2	2,761.06	1/2	2,918.27	1/2		1/2			1/2
3/4	1,984.89	3/4	2,140.77	3/4	2,296.65	3/4	2,452.54	3/4	2,608.42	3/4	2,764.31	3/4	2,922.18	3/4		3/4			3/4

STRAPPED: 04/09/2019 SW JS
CALCULATED: 04/09/2019 CL
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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BARGE "DBL 254"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 0"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.37	0	143.78	0	335.23	0	525.16	0	712.94	0	904.41	0	1,095.87	0	1,287.33	0	1,478.79	0	1,670.26
1/4	0.70	1/4	147.77	1/4	339.22	1/4	529.01	1/4	716.93	1/4	908.39	1/4	1,099.86	1/4	1,291.32	1/4	1,482.78	1/4	1,674.24
1/2	1.03	1/2	151.76	1/2	343.21	1/2	532.87	1/2	720.92	1/2	912.38	1/2	1,103.85	1/2	1,295.31	1/2	1,486.77	1/2	1,678.23
3/4	1.36	3/4	155.74	3/4	347.20	3/4	536.72	3/4	724.91	3/4	916.37	3/4	1,107.84	3/4	1,299.30	3/4	1,490.76	3/4	1,682.22
1	1.70	1	159.73	1	351.19	1	540.58	1	728.90	1	920.36	1	1,111.82	1	1,303.29	1	1,494.75	1	1,686.21
1/4	2.69	1/4	163.72	1/4	355.17	1/4	544.43	1/4	732.89	1/4	924.35	1/4	1,115.81	1/4	1,307.28	1/4	1,498.74	1/4	1,690.20
1/2	3.69	1/2	167.71	1/2	359.16	1/2	548.28	1/2	736.88	1/2	928.34	1/2	1,119.80	1/2	1,311.26	1/2	1,502.73	1/2	1,694.19
3/4	4.69	3/4	171.70	3/4	363.15	3/4	552.14	3/4	740.87	3/4	932.33	3/4	1,123.79	3/4	1,315.25	3/4	1,506.72	3/4	1,698.18
2	5.68	2	175.69	2	367.14	2	555.99	2	744.85	2	936.32	2	1,127.78	2	1,319.24	2	1,510.70	2	1,702.17
1/4	7.34	1/4	179.68	1/4	371.13	1/4	559.85	1/4	748.84	1/4	940.31	1/4	1,131.77	1/4	1,323.23	1/4	1,514.69	1/4	1,706.16
1/2	9.01	1/2	183.67	1/2	375.12	1/2	563.70	1/2	752.83	1/2	944.29	1/2	1,135.76	1/2	1,327.22	1/2	1,518.68	1/2	1,710.14
3/4	10.67	3/4	187.65	3/4	379.11	3/4	567.56	3/4	756.82	3/4	948.28	3/4	1,139.75	3/4	1,331.21	3/4	1,522.67	3/4	1,714.13
3	12.33	3	191.64	3	383.10	3	571.41	3	760.81	3	952.27	3	1,143.73	3	1,335.20	3	1,526.66	3	1,718.12
1/4	14.66	1/4	195.63	1/4	387.08	1/4	575.26	1/4	764.80	1/4	956.26	1/4	1,147.72	1/4	1,339.19	1/4	1,530.65	1/4	1,722.11
1/2	16.98	1/2	199.62	1/2	391.07	1/2	579.12	1/2	768.79	1/2	960.25	1/2	1,151.71	1/2	1,343.17	1/2	1,534.64	1/2	1,726.10
3/4	19.31	3/4	203.61	3/4	395.06	3/4	582.97	3/4	772.78	3/4	964.24	3/4	1,155.70	3/4	1,347.16	3/4	1,538.63	3/4	1,730.09
4	21.64	4	207.60	4	399.05	4	586.83	4	776.76	4	968.23	4	1,159.69	4	1,351.15	4	1,542.61	4	1,734.08
1/4	24.63	1/4	211.59	1/4	403.04	1/4	590.68	1/4	780.75	1/4	972.22	1/4	1,163.68	1/4	1,355.14	1/4	1,546.60	1/4	1,738.07
1/2	27.62	1/2	215.57	1/2	407.03	1/2	594.53	1/2	784.74	1/2	976.20	1/2	1,167.67	1/2	1,359.13	1/2	1,550.59	1/2	1,742.05
3/4	30.61	3/4	219.56	3/4	411.02	3/4	598.39	3/4	788.73	3/4	980.19	3/4	1,171.66	3/4	1,363.12	3/4	1,554.58	3/4	1,746.04
5	33.60	5	223.55	5	415.00	5	602.24	5	792.72	5	984.18	5	1,175.64	5	1,367.11	5	1,558.57	5	1,750.03
1/4	37.26	1/4	227.54	1/4	418.99	1/4	606.10	1/4	796.71	1/4	988.17	1/4	1,179.63	1/4	1,371.10	1/4	1,562.56	1/4	1,754.02
1/2	40.91	1/2	231.53	1/2	422.98	1/2	609.95	1/2	800.70	1/2	992.16	1/2	1,183.62	1/2	1,375.08	1/2	1,566.55	1/2	1,758.01
3/4	44.56	3/4	235.52	3/4	426.97	3/4	613.80	3/4	804.69	3/4	996.15	3/4	1,187.61	3/4	1,379.07	3/4	1,570.54	3/4	1,762.00
6	48.22	6	239.51	6	430.96	6	617.66	6	808.68	6	1,000.14	6	1,191.60	6	1,383.06	6	1,574.52	6	1,765.99
1/4	52.17	1/4	243.49	1/4	434.95	1/4	621.54	1/4	812.66	1/4	1,004.13	1/4	1,195.59	1/4	1,387.05	1/4	1,578.51	1/4	1,769.98
1/2	56.13	1/2	247.48	1/2	438.94	1/2	625.41	1/2	816.65	1/2	1,008.12	1/2	1,199.58	1/2	1,391.04	1/2	1,582.50	1/2	1,773.96
3/4	60.09	3/4	251.47	3/4	442.92	3/4	629.29	3/4	820.64	3/4	1,012.10	3/4	1,203.57	3/4	1,395.03	3/4	1,586.49	3/4	1,777.95
7	64.05	7	255.46	7	446.91	7	633.17	7	824.63	7	1,016.09	7	1,207.56	7	1,399.02	7	1,590.48	7	1,781.94
1/4	68.03	1/4	259.45	1/4	450.90	1/4	637.16	1/4	828.62	1/4	1,020.08	1/4	1,211.54	1/4	1,403.01	1/4	1,594.47	1/4	1,785.93
1/2	72.01	1/2	263.44	1/2	454.89	1/2	641.15	1/2	832.61	1/2	1,024.07	1/2	1,215.53	1/2	1,407.00	1/2	1,598.46	1/2	1,789.92
3/4	75.99	3/4	267.43	3/4	458.88	3/4	645.13	3/4	836.60	3/4	1,028.06	3/4	1,219.52	3/4	1,410.98	3/4	1,602.45	3/4	1,793.91
8	79.97	8	271.41	8	462.87	8	649.12	8	840.59	8	1,032.05	8	1,223.51	8	1,414.97	8	1,606.44	8	1,797.90
1/4	83.95	1/4	275.40	1/4	466.86	1/4	653.11	1/4	844.57	1/4	1,036.04	1/4	1,227.50	1/4	1,418.96	1/4	1,610.42	1/4	1,801.89
1/2	87.94	1/2	279.39	1/2	470.84	1/2	657.10	1/2	848.56	1/2	1,040.03	1/2	1,231.49	1/2	1,422.95	1/2	1,614.41	1/2	1,805.88
3/4	91.93	3/4	283.38	3/4	474.83	3/4	661.09	3/4	852.55	3/4	1,044.01	3/4	1,235.48	3/4	1,426.94	3/4	1,618.40	3/4	1,809.86
9	95.92	9	287.37	9	478.82	9	665.08	9	856.54	9	1,048.00	9	1,239.47	9	1,430.93	9	1,622.39	9	1,813.85
1/4	99.90	1/4	291.36	1/4	482.70	1/4	669.07	1/4	860.53	1/4	1,051.99	1/4	1,243.45	1/4	1,434.92	1/4	1,626.38	1/4	1,817.84
1/2	103.89	1/2	295.35	1/2	486.57	1/2	673.06	1/2	864.52	1/2	1,055.98	1/2	1,247.44	1/2	1,438.91	1/2	1,630.37	1/2	1,821.83
3/4	107.88	3/4	299.33	3/4	490.45	3/4	677.04	3/4	868.51	3/4	1,059.97	3/4	1,251.43	3/4	1,442.89	3/4	1,634.36	3/4	1,825.82
10	111.87	10	303.32	10	494.33	10	681.03	10	872.50	10	1,063.96	10	1,255.42	10	1,446.88	10	1,638.35	10	1,829.81
1/4	115.86	1/4	307.31	1/4	498.18	1/4	685.02	1/4	876.48	1/4	1,067.95	1/4	1,259.41	1/4	1,450.87	1/4	1,642.33	1/4	1,833.80
1/2	119.85	1/2	311.30	1/2	502.04	1/2	689.01	1/2	880.47	1/2	1,071.94	1/2	1,263.40	1/2	1,454.86	1/2	1,646.32	1/2	1,837.79
3/4	123.84	3/4	315.29	3/4	505.89	3/4	693.00	3/4	884.46	3/4	1,075.92	3/4	1,267.39	3/4	1,458.85	3/4	1,650.31	3/4	1,841.77
11	127.82	11	319.28	11	509.74	11	696.99	11	888.45	11	1,079.91	11	1,271.38	11	1,462.84	11	1,654.30	11	1,845.76
1/4	131.81	1/4	323.27	1/4	513.60	1/4	700.98	1/4	892.44	1/4	1,083.90	1/4	1,275.36	1/4	1,466.83	1/4	1,658.29	1/4	1,849.75
1/2	135.80	1/2	327.25	1/2	517.45	1/2	704.97	1/2	896.43	1/2	1,087.89	1/2	1,279.35	1/2	1,470.82	1/2	1,662.28	1/2	1,853.74
3/4	139.79	3/4	331.24	3/4	521.31	3/4	708.96	3/4	900.42	3/4	1,091.88	3/4	1,283.34	3/4	1,474.80	3/4	1,666.27	3/4	1,857.73

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 21'-00" FORWARD OF AFT BULKHEAD.

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

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05" 0"

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	1,861.72	0	2,053.18	0	2,244.64	0	2,436.11	0	2,627.57	0	2,819.03	0	3,010.49	0	3,201.95	0			
1/4	1,865.71	1/4	2,057.17	1/4	2,248.63	1/4	2,440.09	1/4	2,631.56	1/4	2,823.02	1/4	3,014.48	1/4	3,205.53	1/4			
1/2	1,869.70	1/2	2,061.16	1/2	2,252.62	1/2	2,444.08	1/2	2,635.55	1/2	2,827.01	1/2	3,018.47	1/2	3,209.12	1/2			
3/4	1,873.68	3/4	2,065.15	3/4	2,256.61	3/4	2,448.07	3/4	2,639.53	3/4	2,831.00	3/4	3,022.46	3/4	3,212.71	3/4			
1	1,877.67	1	2,069.14	1	2,260.60	1	2,452.06	1	2,643.52	1	2,834.99	1	3,026.45	1	3,216.30	1			
1/4	1,881.66	1/4	2,073.12	1/4	2,264.59	1/4	2,456.05	1/4	2,647.51	1/4	2,838.97	1/4	3,030.44	1/4	3,219.09	1/4			
1/2	1,885.65	1/2	2,077.11	1/2	2,268.58	1/2	2,460.04	1/2	2,651.50	1/2	2,842.96	1/2	3,034.43	1/2	3,221.89	1/2			
3/4	1,889.64	3/4	2,081.10	3/4	2,272.56	3/4	2,464.03	3/4	2,655.49	3/4	2,846.95	3/4	3,038.41	3/4	3,224.68	3/4			
2	1,893.63	2	2,085.09	2	2,276.55	2	2,468.02	2	2,659.48	2	2,850.94	2	3,042.40	2	3,227.47	2			
1/4	1,897.62	1/4	2,089.08	1/4	2,280.54	1/4	2,472.00	1/4	2,663.47	1/4	2,854.93	1/4	3,046.39	1/4	3,229.47	1/4			
1/2	1,901.61	1/2	2,093.07	1/2	2,284.53	1/2	2,475.99	1/2	2,667.46	1/2	2,858.92	1/2	3,050.38	1/2	3,231.46	1/2			
3/4	1,905.60	3/4	2,097.06	3/4	2,288.52	3/4	2,479.98	3/4	2,671.44	3/4	2,862.91	3/4	3,054.37	3/4	3,233.46	3/4			
3	1,909.58	3	2,101.05	3	2,292.51	3	2,483.97	3	2,675.43	3	2,866.90	3	3,058.36	3	3,235.45	3			
1/4	1,913.57	1/4	2,105.04	1/4	2,296.50	1/4	2,487.96	1/4	2,679.42	1/4	2,870.88	1/4	3,062.35	1/4	3,236.65	1/4			
1/2	1,917.56	1/2	2,109.02	1/2	2,300.49	1/2	2,491.95	1/2	2,683.41	1/2	2,874.87	1/2	3,066.34	1/2	3,237.84	1/2			
3/4	1,921.55	3/4	2,113.01	3/4	2,304.48	3/4	2,495.94	3/4	2,687.40	3/4	2,878.86	3/4	3,070.32	3/4	3,239.04	3/4			
4	1,925.54	4	2,117.00	4	2,308.46	4	2,499.93	4	2,691.39	4	2,882.85	4	3,074.31	4	3,240.24	4			
1/4	1,929.53	1/4	2,120.99	1/4	2,312.45	1/4	2,503.92	1/4	2,695.38	1/4	2,886.84	1/4	3,078.30	1/4	3,240.63	1/4			
1/2	1,933.52	1/2	2,124.98	1/2	2,316.44	1/2	2,507.90	1/2	2,699.37	1/2	2,890.83	1/2	3,082.29	1/2	3,241.03	1/2			
3/4	1,937.51	3/4	2,128.97	3/4	2,320.43	3/4	2,511.89	3/4	2,703.36	3/4	2,894.82	3/4	3,086.28	3/4	3,241.43	3/4			
5	1,941.49	5	2,132.96	5	2,324.42	5	2,515.88	5	2,707.34	5	2,898.81	5	3,090.27	5	3,241.83	5			
1/4	1,945.48	1/4	2,136.95	1/4	2,328.41	1/4	2,519.87	1/4	2,711.33	1/4	2,902.80	1/4	3,094.26	1/4		1/4			
1/2	1,949.47	1/2	2,140.93	1/2	2,332.40	1/2	2,523.86	1/2	2,715.32	1/2	2,906.78	1/2	3,098.25	1/2		1/2			
3/4	1,953.46	3/4	2,144.92	3/4	2,336.39	3/4	2,527.85	3/4	2,719.31	3/4	2,910.77	3/4	3,102.24	3/4		3/4			
6	1,957.45	6	2,148.91	6	2,340.37	6	2,531.84	6	2,723.30	6	2,914.76	6	3,106.22	6		6			
1/4	1,961.44	1/4	2,152.90	1/4	2,344.36	1/4	2,535.83	1/4	2,727.29	1/4	2,918.75	1/4	3,110.21	1/4		1/4			
1/2	1,965.43	1/2	2,156.89	1/2	2,348.35	1/2	2,539.81	1/2	2,731.28	1/2	2,922.74	1/2	3,114.20	1/2		1/2			
3/4	1,969.42	3/4	2,160.88	3/4	2,352.34	3/4	2,543.80	3/4	2,735.27	3/4	2,926.73	3/4	3,118.19	3/4		3/4			
7	1,973.40	7	2,164.87	7	2,356.33	7	2,547.79	7	2,739.25	7	2,930.72	7	3,122.18	7		7			
1/4	1,977.39	1/4	2,168.86	1/4	2,360.32	1/4	2,551.78	1/4	2,743.24	1/4	2,934.71	1/4	3,126.17	1/4		1/4			
1/2	1,981.38	1/2	2,172.84	1/2	2,364.31	1/2	2,555.77	1/2	2,747.23	1/2	2,938.69	1/2	3,130.16	1/2		1/2			
3/4	1,985.37	3/4	2,176.83	3/4	2,368.30	3/4	2,559.76	3/4	2,751.22	3/4	2,942.68	3/4	3,134.15	3/4		3/4			
8	1,989.36	8	2,180.82	8	2,372.28	8	2,563.75	8	2,755.21	8	2,946.67	8	3,138.13	8		8			
1/4	1,993.35	1/4	2,184.81	1/4	2,376.27	1/4	2,567.74	1/4	2,759.20	1/4	2,950.66	1/4	3,142.12	1/4		1/4			
1/2	1,997.34	1/2	2,188.80	1/2	2,380.26	1/2	2,571.72	1/2	2,763.19	1/2	2,954.65	1/2	3,146.11	1/2		1/2			
3/4	2,001.33	3/4	2,192.79	3/4	2,384.25	3/4	2,575.71	3/4	2,767.18	3/4	2,958.64	3/4	3,150.10	3/4		3/4			
9	2,005.32	9	2,196.78	9	2,388.24	9	2,579.70	9	2,771.16	9	2,962.63	9	3,154.09	9		9			
1/4	2,009.30	1/4	2,200.77	1/4	2,392.23	1/4	2,583.69	1/4	2,775.15	1/4	2,966.62	1/4	3,158.08	1/4		1/4			
1/2	2,013.29	1/2	2,204.76	1/2	2,396.22	1/2	2,587.68	1/2	2,779.14	1/2	2,970.60	1/2	3,162.07	1/2		1/2			
3/4	2,017.28	3/4	2,208.74	3/4	2,400.21	3/4	2,591.67	3/4	2,783.13	3/4	2,974.59	3/4	3,166.06	3/4		3/4			
10	2,021.27	10	2,212.73	10	2,404.20	10	2,595.66	10	2,787.12	10	2,978.58	10	3,170.04	10		10			
1/4	2,025.26	1/4	2,216.72	1/4	2,408.18	1/4	2,599.65	1/4	2,791.11	1/4	2,982.57	1/4	3,174.03	1/4		1/4			
1/2	2,029.25	1/2	2,220.71	1/2	2,412.17	1/2	2,603.64	1/2	2,795.10	1/2	2,986.56	1/2	3,178.02	1/2		1/2			
3/4	2,033.24	3/4	2,224.70	3/4	2,416.16	3/4	2,607.62	3/4	2,799.09	3/4	2,990.55	3/4	3,182.01	3/4		3/4			
11	2,037.23	11	2,228.69	11	2,420.15	11	2,611.61	11	2,803.08	11	2,994.54	11	3,186.00	11		11			
1/4	2,041.21	1/4	2,232.68	1/4	2,424.14	1/4	2,615.60	1/4	2,807.06	1/4	2,998.53	1/4	3,189.99	1/4		1/4			
1/2	2,045.20	1/2	2,236.67	1/2	2,428.13	1/2	2,619.59	1/2	2,811.05	1/2	3,002.52	1/2	3,193.97	1/2		1/2			
3/4	2,049.19	3/4	2,240.65	3/4	2,432.12	3/4	2,623.58	3/4	2,815.04	3/4	3,006.50	3/4	3,197.96	3/4		3/4			

STRAPPED: 04/09/2019 SW JS
CALCULATED: 04/09/2019 CL
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
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BARGE "DBL 254"

3 CENTER INNAGE 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	0.37	0	143.85	0	335.40	0	525.43	0	713.30	0	904.86	0	1,096.42	0	1,287.98	0	1,479.54	0	1,671.10
1/4	0.70	1/4	147.84	1/4	339.39	1/4	529.29	1/4	717.30	1/4	908.85	1/4	1,100.41	1/4	1,291.97	1/4	1,483.53	1/4	1,675.09
1/2	1.03	1/2	151.83	1/2	343.38	1/2	533.14	1/2	721.29	1/2	912.84	1/2	1,104.40	1/2	1,295.96	1/2	1,487.52	1/2	1,679.08
3/4	1.36	3/4	155.82	3/4	347.37	3/4	537.00	3/4	725.28	3/4	916.84	3/4	1,108.39	3/4	1,299.95	3/4	1,491.51	3/4	1,683.07
1	1.70	1	159.82	1	351.36	1	540.85	1	729.27	1	920.83	1	1,112.38	1	1,303.94	1	1,495.50	1	1,687.06
1/4	2.69	1/4	163.81	1/4	355.35	1/4	544.71	1/4	733.26	1/4	924.82	1/4	1,116.38	1/4	1,307.93	1/4	1,499.49	1/4	1,691.05
1/2	3.69	1/2	167.80	1/2	359.35	1/2	548.57	1/2	737.25	1/2	928.81	1/2	1,120.37	1/2	1,311.92	1/2	1,503.48	1/2	1,695.04
3/4	4.69	3/4	171.79	3/4	363.34	3/4	552.42	3/4	741.24	3/4	932.80	3/4	1,124.36	3/4	1,315.92	3/4	1,507.47	3/4	1,699.03
2	5.69	2	175.78	2	367.33	2	556.28	2	745.23	2	936.79	2	1,128.35	2	1,319.91	2	1,511.46	2	1,703.02
1/4	7.35	1/4	179.77	1/4	371.32	1/4	560.13	1/4	749.22	1/4	940.78	1/4	1,132.34	1/4	1,323.90	1/4	1,515.46	1/4	1,707.01
1/2	9.01	1/2	183.76	1/2	375.31	1/2	563.99	1/2	753.21	1/2	944.77	1/2	1,136.33	1/2	1,327.89	1/2	1,519.45	1/2	1,711.00
3/4	10.67	3/4	187.75	3/4	379.30	3/4	567.85	3/4	757.20	3/4	948.76	3/4	1,140.32	3/4	1,331.88	3/4	1,523.44	3/4	1,715.00
3	12.34	3	191.74	3	383.29	3	571.70	3	761.19	3	952.75	3	1,144.31	3	1,335.87	3	1,527.43	3	1,718.99
1/4	14.66	1/4	195.73	1/4	387.28	1/4	575.56	1/4	765.19	1/4	956.74	1/4	1,148.30	1/4	1,339.86	1/4	1,531.42	1/4	1,722.98
1/2	16.99	1/2	199.72	1/2	391.27	1/2	579.41	1/2	769.18	1/2	960.73	1/2	1,152.29	1/2	1,343.85	1/2	1,535.41	1/2	1,726.97
3/4	19.32	3/4	203.71	3/4	395.26	3/4	583.27	3/4	773.17	3/4	964.73	3/4	1,156.28	3/4	1,347.84	3/4	1,539.40	3/4	1,730.96
4	21.65	4	207.70	4	399.25	4	587.13	4	777.16	4	968.72	4	1,160.27	4	1,351.83	4	1,543.39	4	1,734.95
1/4	24.64	1/4	211.69	1/4	403.24	1/4	590.98	1/4	781.15	1/4	972.71	1/4	1,164.27	1/4	1,355.82	1/4	1,547.38	1/4	1,738.94
1/2	27.63	1/2	215.68	1/2	407.23	1/2	594.84	1/2	785.14	1/2	976.70	1/2	1,168.26	1/2	1,359.81	1/2	1,551.37	1/2	1,742.93
3/4	30.63	3/4	219.67	3/4	411.22	3/4	598.69	3/4	789.13	3/4	980.69	3/4	1,172.25	3/4	1,363.81	3/4	1,555.36	3/4	1,746.92
5	33.62	5	223.66	5	415.21	5	602.55	5	793.12	5	984.68	5	1,176.24	5	1,367.80	5	1,559.35	5	1,750.91
1/4	37.28	1/4	227.66	1/4	419.20	1/4	606.41	1/4	797.11	1/4	988.67	1/4	1,180.23	1/4	1,371.79	1/4	1,563.35	1/4	1,754.90
1/2	40.93	1/2	231.65	1/2	423.19	1/2	610.26	1/2	801.10	1/2	992.66	1/2	1,184.22	1/2	1,375.78	1/2	1,567.34	1/2	1,758.89
3/4	44.59	3/4	235.64	3/4	427.19	3/4	614.12	3/4	805.09	3/4	996.65	3/4	1,188.21	3/4	1,379.77	3/4	1,571.33	3/4	1,762.89
6	48.24	6	239.63	6	431.18	6	617.97	6	809.08	6	1,000.64	6	1,192.20	6	1,383.76	6	1,575.32	6	1,766.88
1/4	52.20	1/4	243.62	1/4	435.17	1/4	621.85	1/4	813.07	1/4	1,004.63	1/4	1,196.19	1/4	1,387.75	1/4	1,579.31	1/4	1,770.87
1/2	56.16	1/2	247.61	1/2	439.16	1/2	625.73	1/2	817.07	1/2	1,008.62	1/2	1,200.18	1/2	1,391.74	1/2	1,583.30	1/2	1,774.86
3/4	60.12	3/4	251.60	3/4	443.15	3/4	629.61	3/4	821.06	3/4	1,012.61	3/4	1,204.17	3/4	1,395.73	3/4	1,587.29	3/4	1,778.85
7	64.08	7	255.59	7	447.14	7	633.49	7	825.05	7	1,016.61	7	1,208.16	7	1,399.72	7	1,591.28	7	1,782.84
1/4	68.06	1/4	259.58	1/4	451.13	1/4	637.48	1/4	829.04	1/4	1,020.60	1/4	1,212.15	1/4	1,403.71	1/4	1,595.27	1/4	1,786.83
1/2	72.04	1/2	263.57	1/2	455.12	1/2	641.47	1/2	833.03	1/2	1,024.59	1/2	1,216.15	1/2	1,407.70	1/2	1,599.26	1/2	1,790.82
3/4	76.03	3/4	267.56	3/4	459.11	3/4	645.46	3/4	837.02	3/4	1,028.58	3/4	1,220.14	3/4	1,411.69	3/4	1,603.25	3/4	1,794.81
8	80.01	8	271.55	8	463.10	8	649.45	8	841.01	8	1,032.57	8	1,224.13	8	1,415.69	8	1,607.24	8	1,798.80
1/4	84.00	1/4	275.54	1/4	467.09	1/4	653.44	1/4	845.00	1/4	1,036.56	1/4	1,228.12	1/4	1,419.68	1/4	1,611.23	1/4	1,802.79
1/2	87.99	1/2	279.53	1/2	471.08	1/2	657.43	1/2	848.99	1/2	1,040.55	1/2	1,232.11	1/2	1,423.67	1/2	1,615.23	1/2	1,806.78
3/4	91.98	3/4	283.52	3/4	475.07	3/4	661.42	3/4	852.98	3/4	1,044.54	3/4	1,236.10	3/4	1,427.66	3/4	1,619.22	3/4	1,810.77
9	95.97	9	287.51	9	479.06	9	665.42	9	856.97	9	1,048.53	9	1,240.09	9	1,431.65	9	1,623.21	9	1,814.77
1/4	99.96	1/4	291.50	1/4	482.94	1/4	669.41	1/4	860.96	1/4	1,052.52	1/4	1,244.08	1/4	1,435.64	1/4	1,627.20	1/4	1,818.76
1/2	103.95	1/2	295.50	1/2	486.82	1/2	673.40	1/2	864.96	1/2	1,056.51	1/2	1,248.07	1/2	1,439.63	1/2	1,631.19	1/2	1,822.75
3/4	107.94	3/4	299.49	3/4	490.70	3/4	677.39	3/4	868.95	3/4	1,060.50	3/4	1,252.06	3/4	1,443.62	3/4	1,635.18	3/4	1,826.74
10	111.93	10	303.48	10	494.58	10	681.38	10	872.94	10	1,064.50	10	1,256.05	10	1,447.61	10	1,639.17	10	1,830.73
1/4	115.92	1/4	307.47	1/4	498.44	1/4	685.37	1/4	876.93	1/4	1,068.49	1/4	1,260.04	1/4	1,451.60	1/4	1,643.16	1/4	1,834.72
1/2	119.91	1/2	311.46	1/2	502.29	1/2	689.36	1/2	880.92	1/2	1,072.48	1/2	1,264.04	1/2	1,455.59	1/2	1,647.15	1/2	1,838.71
3/4	123.90	3/4	315.45	3/4	506.15	3/4	693.35	3/4	884.91	3/4	1,076.47	3/4	1,268.03	3/4	1,459.58	3/4	1,651.14	3/4	1,842.70
11	127.89	11	319.44	11	510.01	11	697.34	11	888.90	11	1,080.46	11	1,272.02	11	1,463.58	11	1,655.13	11	1,846.69
1/4	131.88	1/4	323.43	1/4	513.86	1/4	701.33	1/4	892.89	1/4	1,084.45	1/4	1,276.01	1/4	1,467.57	1/4	1,659.12	1/4	1,850.68
1/2	135.87	1/2	327.42	1/2	517.72	1/2	705.32	1/2	896.88	1/2	1,088.44	1/2	1,280.00	1/2	1,471.56	1/2	1,663.12	1/2	1,854.67
3/4	139.86	3/4	331.41	3/4	521.57	3/4	709.31	3/4	900.87	3/4	1,092.43	3/4	1,283.99	3/4	1,475.55	3/4	1,667.11	3/4	1,858.66

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 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 INNAGE 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	1,862.66	0	2,054.21	0	2,245.77	0	2,437.33	0	2,628.89	0	2,820.45	0	3,012.01	0	3,203.57	0			
1/4	1,866.65	1/4	2,058.20	1/4	2,249.76	1/4	2,441.32	1/4	2,632.88	1/4	2,824.44	1/4	3,016.00	1/4	3,207.16	1/4			
1/2	1,870.64	1/2	2,062.20	1/2	2,253.75	1/2	2,445.31	1/2	2,636.87	1/2	2,828.43	1/2	3,019.99	1/2	3,210.75	1/2			
3/4	1,874.63	3/4	2,066.19	3/4	2,257.74	3/4	2,449.30	3/4	2,640.86	3/4	2,832.42	3/4	3,023.98	3/4	3,214.34	3/4			
1	1,878.62	1	2,070.18	1	2,261.74	1	2,453.29	1	2,644.85	1	2,836.41	1	3,027.97	1	3,217.94	1			
1/4	1,882.61	1/4	2,074.17	1/4	2,265.73	1/4	2,457.28	1/4	2,648.84	1/4	2,840.40	1/4	3,031.96	1/4	3,220.73	1/4			
1/2	1,886.60	1/2	2,078.16	1/2	2,269.72	1/2	2,461.28	1/2	2,652.83	1/2	2,844.39	1/2	3,035.95	1/2	3,223.52	1/2			
3/4	1,890.59	3/4	2,082.15	3/4	2,273.71	3/4	2,465.27	3/4	2,656.82	3/4	2,848.38	3/4	3,039.94	3/4	3,226.32	3/4			
2	1,894.58	2	2,086.14	2	2,277.70	2	2,469.26	2	2,660.82	2	2,852.37	2	3,043.93	2	3,229.11	2			
1/4	1,898.57	1/4	2,090.13	1/4	2,281.69	1/4	2,473.25	1/4	2,664.81	1/4	2,856.36	1/4	3,047.92	1/4	3,231.11	1/4			
1/2	1,902.56	1/2	2,094.12	1/2	2,285.68	1/2	2,477.24	1/2	2,668.80	1/2	2,860.36	1/2	3,051.91	1/2	3,233.10	1/2			
3/4	1,906.55	3/4	2,098.11	3/4	2,289.67	3/4	2,481.23	3/4	2,672.79	3/4	2,864.35	3/4	3,055.90	3/4	3,235.10	3/4			
3	1,910.54	3	2,102.10	3	2,293.66	3	2,485.22	3	2,676.78	3	2,868.34	3	3,059.90	3	3,237.09	3			
1/4	1,914.54	1/4	2,106.09	1/4	2,297.65	1/4	2,489.21	1/4	2,680.77	1/4	2,872.33	1/4	3,063.89	1/4	3,238.29	1/4			
1/2	1,918.53	1/2	2,110.08	1/2	2,301.64	1/2	2,493.20	1/2	2,684.76	1/2	2,876.32	1/2	3,067.88	1/2	3,239.49	1/2			
3/4	1,922.52	3/4	2,114.08	3/4	2,305.63	3/4	2,497.19	3/4	2,688.75	3/4	2,880.31	3/4	3,071.87	3/4	3,240.68	3/4			
4	1,926.51	4	2,118.07	4	2,309.62	4	2,501.18	4	2,692.74	4	2,884.30	4	3,075.86	4	3,241.88	4			
1/4	1,930.50	1/4	2,122.06	1/4	2,313.62	1/4	2,505.17	1/4	2,696.73	1/4	2,888.29	1/4	3,079.85	1/4	3,242.28	1/4			
1/2	1,934.49	1/2	2,126.05	1/2	2,317.61	1/2	2,509.16	1/2	2,700.72	1/2	2,892.28	1/2	3,083.84	1/2	3,242.68	1/2			
3/4	1,938.48	3/4	2,130.04	3/4	2,321.60	3/4	2,513.16	3/4	2,704.71	3/4	2,896.27	3/4	3,087.83	3/4	3,243.08	3/4			
5	1,942.47	5	2,134.03	5	2,325.59	5	2,517.15	5	2,708.70	5	2,900.26	5	3,091.82	5	3,243.48	5			
1/4	1,946.46	1/4	2,138.02	1/4	2,329.58	1/4	2,521.14	1/4	2,712.70	1/4	2,904.25	1/4	3,095.81	1/4		1/4			
1/2	1,950.45	1/2	2,142.01	1/2	2,333.57	1/2	2,525.13	1/2	2,716.69	1/2	2,908.24	1/2	3,099.80	1/2		1/2			
3/4	1,954.44	3/4	2,146.00	3/4	2,337.56	3/4	2,529.12	3/4	2,720.68	3/4	2,912.24	3/4	3,103.79	3/4		3/4			
6	1,958.43	6	2,149.99	6	2,341.55	6	2,533.11	6	2,724.67	6	2,916.23	6	3,107.78	6		6			
1/4	1,962.43	1/4	2,153.98	1/4	2,345.54	1/4	2,537.10	1/4	2,728.66	1/4	2,920.22	1/4	3,111.78	1/4		1/4			
1/2	1,966.42	1/2	2,157.97	1/2	2,349.53	1/2	2,541.09	1/2	2,732.65	1/2	2,924.21	1/2	3,115.77	1/2		1/2			
3/4	1,970.41	3/4	2,161.97	3/4	2,353.52	3/4	2,545.08	3/4	2,736.64	3/4	2,928.20	3/4	3,119.76	3/4		3/4			
7	1,974.40	7	2,165.96	7	2,357.51	7	2,549.07	7	2,740.63	7	2,932.19	7	3,123.75	7		7			
1/4	1,978.39	1/4	2,169.95	1/4	2,361.51	1/4	2,553.06	1/4	2,744.62	1/4	2,936.18	1/4	3,127.74	1/4		1/4			
1/2	1,982.38	1/2	2,173.94	1/2	2,365.50	1/2	2,557.05	1/2	2,748.61	1/2	2,940.17	1/2	3,131.73	1/2		1/2			
3/4	1,986.37	3/4	2,177.93	3/4	2,369.49	3/4	2,561.05	3/4	2,752.60	3/4	2,944.16	3/4	3,135.72	3/4		3/4			
8	1,990.36	8	2,181.92	8	2,373.48	8	2,565.04	8	2,756.59	8	2,948.15	8	3,139.71	8		8			
1/4	1,994.35	1/4	2,185.91	1/4	2,377.47	1/4	2,569.03	1/4	2,760.59	1/4	2,952.14	1/4	3,143.70	1/4		1/4			
1/2	1,998.34	1/2	2,189.90	1/2	2,381.46	1/2	2,573.02	1/2	2,764.58	1/2	2,956.13	1/2	3,147.69	1/2		1/2			
3/4	2,002.33	3/4	2,193.89	3/4	2,385.45	3/4	2,577.01	3/4	2,768.57	3/4	2,960.13	3/4	3,151.68	3/4		3/4			
9	2,006.32	9	2,197.88	9	2,389.44	9	2,581.00	9	2,772.56	9	2,964.12	9	3,155.67	9		9			
1/4	2,010.31	1/4	2,201.87	1/4	2,393.43	1/4	2,584.99	1/4	2,776.55	1/4	2,968.11	1/4	3,159.67	1/4		1/4			
1/2	2,014.31	1/2	2,205.86	1/2	2,397.42	1/2	2,588.98	1/2	2,780.54	1/2	2,972.10	1/2	3,163.66	1/2		1/2			
3/4	2,018.30	3/4	2,209.85	3/4	2,401.41	3/4	2,592.97	3/4	2,784.53	3/4	2,976.09	3/4	3,167.65	3/4		3/4			
10	2,022.29	10	2,213.85	10	2,405.40	10	2,596.96	10	2,788.52	10	2,980.08	10	3,171.64	10		10			
1/4	2,026.28	1/4	2,217.84	1/4	2,409.39	1/4	2,600.95	1/4	2,792.51	1/4	2,984.07	1/4	3,175.63	1/4		1/4			
1/2	2,030.27	1/2	2,221.83	1/2	2,413.39	1/2	2,604.94	1/2	2,796.50	1/2	2,988.06	1/2	3,179.62	1/2		1/2			
3/4	2,034.26	3/4	2,225.82	3/4	2,417.38	3/4	2,608.93	3/4	2,800.49	3/4	2,992.05	3/4	3,183.61	3/4		3/4			
11	2,038.25	11	2,229.81	11	2,421.37	11	2,612.93	11	2,804.48	11	2,996.04	11	3,187.60	11		11			
1/4	2,042.24	1/4	2,233.80	1/4	2,425.36	1/4	2,616.92	1/4	2,808.47	1/4	3,000.03	1/4	3,191.59	1/4		1/4			
1/2	2,046.23	1/2	2,237.79	1/2	2,429.35	1/2	2,620.91	1/2	2,812.47	1/2	3,004.02	1/2	3,195.59	1/2		1/2			
3/4	2,050.22	3/4	2,241.78	3/4	2,433.34	3/4	2,624.90	3/4	2,816.46	3/4	3,008.01	3/4	3,199.58	3/4		3/4			

STRAPPED: 04/09/2019 SW JS
CALCULATED: 04/09/2019 CL
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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BARGE "DBL 254"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0.37	0	158.06	0	368.57	0	578.50	0	787.54	0	998.06	0	1,208.59	0	1,419.11	0	1,629.63	0	1,840.16
1/4	0.73	1/4	162.44	1/4	372.95	1/4	582.83	1/4	791.93	1/4	1,002.45	1/4	1,212.97	1/4	1,423.50	1/4	1,634.02	1/4	1,844.54
1/2	1.10	1/2	166.83	1/2	377.34	1/2	587.16	1/2	796.31	1/2	1,006.84	1/2	1,217.36	1/2	1,427.88	1/2	1,638.41	1/2	1,848.93
3/4	1.46	3/4	171.21	3/4	381.72	3/4	591.49	3/4	800.70	3/4	1,011.22	3/4	1,221.74	3/4	1,432.27	3/4	1,642.79	3/4	1,853.31
1	1.83	1	175.60	1	386.11	1	595.82	1	805.08	1	1,015.61	1	1,226.13	1	1,436.65	1	1,647.18	1	1,857.70
1/4	2.92	1/4	179.99	1/4	390.49	1/4	600.15	1/4	809.47	1/4	1,019.99	1/4	1,230.52	1/4	1,441.04	1/4	1,651.56	1/4	1,862.09
1/2	4.02	1/2	184.37	1/2	394.88	1/2	604.48	1/2	813.86	1/2	1,024.38	1/2	1,234.90	1/2	1,445.43	1/2	1,655.95	1/2	1,866.47
3/4	5.12	3/4	188.76	3/4	399.27	3/4	608.81	3/4	818.24	3/4	1,028.77	3/4	1,239.29	3/4	1,449.81	3/4	1,660.33	3/4	1,870.86
2	6.21	2	193.14	2	403.65	2	613.14	2	822.63	2	1,033.15	2	1,243.67	2	1,454.20	2	1,664.72	2	1,875.24
1/4	8.04	1/4	197.53	1/4	408.04	1/4	617.47	1/4	827.01	1/4	1,037.54	1/4	1,248.06	1/4	1,458.58	1/4	1,669.11	1/4	1,879.63
1/2	9.87	1/2	201.91	1/2	412.42	1/2	621.80	1/2	831.40	1/2	1,041.92	1/2	1,252.45	1/2	1,462.97	1/2	1,673.49	1/2	1,884.02
3/4	11.69	3/4	206.30	3/4	416.81	3/4	626.13	3/4	835.79	3/4	1,046.31	3/4	1,256.83	3/4	1,467.36	3/4	1,677.88	3/4	1,888.40
3	13.52	3	210.68	3	421.19	3	630.46	3	840.17	3	1,050.69	3	1,261.22	3	1,471.74	3	1,682.26	3	1,892.79
1/4	16.08	1/4	215.07	1/4	425.58	1/4	634.79	1/4	844.56	1/4	1,055.08	1/4	1,265.60	1/4	1,476.13	1/4	1,686.65	1/4	1,897.17
1/2	18.64	1/2	219.46	1/2	429.96	1/2	639.12	1/2	848.94	1/2	1,059.47	1/2	1,269.99	1/2	1,480.51	1/2	1,691.04	1/2	1,901.56
3/4	21.20	3/4	223.84	3/4	434.35	3/4	643.45	3/4	853.33	3/4	1,063.85	3/4	1,274.38	3/4	1,484.90	3/4	1,695.42	3/4	1,905.95
4	23.76	4	228.23	4	438.74	4	647.78	4	857.72	4	1,068.24	4	1,278.76	4	1,489.28	4	1,699.81	4	1,910.33
1/4	27.04	1/4	232.61	1/4	443.12	1/4	652.11	1/4	862.10	1/4	1,072.62	1/4	1,283.15	1/4	1,493.67	1/4	1,704.19	1/4	1,914.72
1/2	30.33	1/2	237.00	1/2	447.51	1/2	656.44	1/2	866.49	1/2	1,077.01	1/2	1,287.53	1/2	1,498.06	1/2	1,708.58	1/2	1,919.10
3/4	33.62	3/4	241.38	3/4	451.89	3/4	660.77	3/4	870.87	3/4	1,081.40	3/4	1,291.92	3/4	1,502.44	3/4	1,712.97	3/4	1,923.49
5	36.91	5	245.77	5	456.28	5	665.10	5	875.26	5	1,085.78	5	1,296.31	5	1,506.83	5	1,717.35	5	1,927.87
1/4	40.93	1/4	250.15	1/4	460.66	1/4	669.43	1/4	879.64	1/4	1,090.17	1/4	1,300.69	1/4	1,511.21	1/4	1,721.74	1/4	1,932.26
1/2	44.95	1/2	254.54	1/2	465.05	1/2	673.76	1/2	884.03	1/2	1,094.55	1/2	1,305.08	1/2	1,515.60	1/2	1,726.12	1/2	1,936.65
3/4	48.96	3/4	258.93	3/4	469.43	3/4	678.09	3/4	888.42	3/4	1,098.94	3/4	1,309.46	3/4	1,519.99	3/4	1,730.51	3/4	1,941.03
6	52.98	6	263.31	6	473.82	6	682.42	6	892.80	6	1,103.33	6	1,313.85	6	1,524.37	6	1,734.90	6	1,945.42
1/4	57.33	1/4	267.70	1/4	478.21	1/4	686.77	1/4	897.19	1/4	1,107.71	1/4	1,318.23	1/4	1,528.76	1/4	1,739.28	1/4	1,949.80
1/2	61.68	1/2	272.08	1/2	482.59	1/2	691.12	1/2	901.57	1/2	1,112.10	1/2	1,322.62	1/2	1,533.14	1/2	1,743.67	1/2	1,954.19
3/4	66.04	3/4	276.47	3/4	486.98	3/4	695.47	3/4	905.96	3/4	1,116.48	3/4	1,327.01	3/4	1,537.53	3/4	1,748.05	3/4	1,958.58
7	70.39	7	280.85	7	491.36	7	699.82	7	910.35	7	1,120.87	7	1,331.39	7	1,541.92	7	1,752.44	7	1,962.96
1/4	74.76	1/4	285.24	1/4	495.75	1/4	704.21	1/4	914.73	1/4	1,125.26	1/4	1,335.78	1/4	1,546.30	1/4	1,756.82	1/4	1,967.35
1/2	79.14	1/2	289.63	1/2	500.13	1/2	708.59	1/2	919.12	1/2	1,129.64	1/2	1,340.16	1/2	1,550.69	1/2	1,761.21	1/2	1,971.73
3/4	83.52	3/4	294.01	3/4	504.52	3/4	712.98	3/4	923.50	3/4	1,134.03	3/4	1,344.55	3/4	1,555.07	3/4	1,765.60	3/4	1,976.12
8	87.89	8	298.40	8	508.91	8	717.37	8	927.89	8	1,138.41	8	1,348.94	8	1,559.46	8	1,769.98	8	1,980.51
1/4	92.28	1/4	302.78	1/4	513.29	1/4	721.75	1/4	932.28	1/4	1,142.80	1/4	1,353.32	1/4	1,563.85	1/4	1,774.37	1/4	1,984.89
1/2	96.66	1/2	307.17	1/2	517.68	1/2	726.14	1/2	936.66	1/2	1,147.18	1/2	1,357.71	1/2	1,568.23	1/2	1,778.75	1/2	1,989.28
3/4	101.05	3/4	311.55	3/4	522.06	3/4	730.52	3/4	941.05	3/4	1,151.57	3/4	1,362.09	3/4	1,572.62	3/4	1,783.14	3/4	1,993.66
9	105.43	9	315.94	9	526.45	9	734.91	9	945.43	9	1,155.96	9	1,366.48	9	1,577.00	9	1,787.53	9	1,998.05
1/4	109.82	1/4	320.32	1/4	530.80	1/4	739.30	1/4	949.82	1/4	1,160.34	1/4	1,370.87	1/4	1,581.39	1/4	1,791.91	1/4	2,002.44
1/2	114.20	1/2	324.71	1/2	535.16	1/2	743.68	1/2	954.21	1/2	1,164.73	1/2	1,375.25	1/2	1,585.77	1/2	1,796.30	1/2	2,006.82
3/4	118.59	3/4	329.10	3/4	539.51	3/4	748.07	3/4	958.59	3/4	1,169.11	3/4	1,379.64	3/4	1,590.16	3/4	1,800.68	3/4	2,011.21
10	122.97	10	333.48	10	543.86	10	752.45	10	962.98	10	1,173.50	10	1,384.02	10	1,594.55	10	1,805.07	10	2,015.59
1/4	127.36	1/4	337.87	1/4	548.19	1/4	756.84	1/4	967.36	1/4	1,177.89	1/4	1,388.41	1/4	1,598.93	1/4	1,809.46	1/4	2,019.98
1/2	131.74	1/2	342.25	1/2	552.52	1/2	761.23	1/2	971.75	1/2	1,182.27	1/2	1,392.80	1/2	1,603.32	1/2	1,813.84	1/2	2,024.36
3/4	136.13	3/4	346.64	3/4	556.85	3/4	765.61	3/4	976.13	3/4	1,186.66	3/4	1,397.18	3/4	1,607.70	3/4	1,818.23	3/4	2,028.75
11	140.51	11	351.02	11	561.18	11	770.00	11	980.52	11	1,191.04	11	1,401.57	11	1,612.09	11	1,822.61	11	2,033.14
1/4	144.90	1/4	355.41	1/4	565.51	1/4	774.38	1/4	984.91	1/4	1,195.43	1/4	1,405.95	1/4	1,616.48	1/4	1,827.00	1/4	2,037.52
1/2	149.29	1/2	359.79	1/2	569.84	1/2	778.77	1/2	989.29	1/2	1,199.82	1/2	1,410.34	1/2	1,620.86	1/2	1,831.39	1/2	2,041.91
3/4	153.67	3/4	364.18	3/4	574.17	3/4	783.15	3/4	993.68	3/4	1,204.20	3/4	1,414.72	3/4	1,625.25	3/4	1,835.77	3/4	2,046.29

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 17'-9" FORWARD OF AFT BULKHEAD.

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



BARGE "DBL 254"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,050.68	0	2,261.20	0	2,471.73	0	2,682.25	0	2,892.77	0	3,103.30	0	3,313.82	0	3,524.32	0			
1/4	2,055.07	1/4	2,265.59	1/4	2,476.11	1/4	2,686.64	1/4	2,897.16	1/4	3,107.68	1/4	3,318.21	1/4	3,528.27	1/4			
1/2	2,059.45	1/2	2,269.98	1/2	2,480.50	1/2	2,691.02	1/2	2,901.54	1/2	3,112.07	1/2	3,322.59	1/2	3,532.22	1/2			
3/4	2,063.84	3/4	2,274.36	3/4	2,484.88	3/4	2,695.41	3/4	2,905.93	3/4	3,116.45	3/4	3,326.98	3/4	3,536.16	3/4			
1	2,068.22	1	2,278.75	1	2,489.27	1	2,699.79	1	2,910.32	1	3,120.84	1	3,331.36	1	3,540.11	1			
1/4	2,072.61	1/4	2,283.13	1/4	2,493.66	1/4	2,704.18	1/4	2,914.70	1/4	3,125.23	1/4	3,335.75	1/4	3,543.18	1/4			
1/2	2,077.00	1/2	2,287.52	1/2	2,498.04	1/2	2,708.57	1/2	2,919.09	1/2	3,129.61	1/2	3,340.13	1/2	3,546.25	1/2			
3/4	2,081.38	3/4	2,291.90	3/4	2,502.43	3/4	2,712.95	3/4	2,923.47	3/4	3,134.00	3/4	3,344.52	3/4	3,549.32	3/4			
2	2,085.77	2	2,296.29	2	2,506.81	2	2,717.34	2	2,927.86	2	3,138.38	2	3,348.91	2	3,552.39	2			
1/4	2,090.15	1/4	2,300.68	1/4	2,511.20	1/4	2,721.72	1/4	2,932.25	1/4	3,142.77	1/4	3,353.29	1/4	3,555.58	1/4			
1/2	2,094.54	1/2	2,305.06	1/2	2,515.59	1/2	2,726.11	1/2	2,936.63	1/2	3,147.16	1/2	3,357.68	1/2	3,556.78	1/2			
3/4	2,098.92	3/4	2,309.45	3/4	2,519.97	3/4	2,730.49	3/4	2,941.02	3/4	3,151.54	3/4	3,362.06	3/4	3,558.97	3/4			
3	2,103.31	3	2,313.83	3	2,524.36	3	2,734.88	3	2,945.40	3	3,155.93	3	3,366.45	3	3,561.16	3			
1/4	2,107.70	1/4	2,318.22	1/4	2,528.74	1/4	2,739.27	1/4	2,949.79	1/4	3,160.31	1/4	3,370.84	1/4	3,562.48	1/4			
1/2	2,112.08	1/2	2,322.61	1/2	2,533.13	1/2	2,743.65	1/2	2,954.18	1/2	3,164.70	1/2	3,375.22	1/2	3,563.79	1/2			
3/4	2,116.47	3/4	2,326.99	3/4	2,537.51	3/4	2,748.04	3/4	2,958.56	3/4	3,169.08	3/4	3,379.61	3/4	3,565.11	3/4			
4	2,120.85	4	2,331.38	4	2,541.90	4	2,752.42	4	2,962.95	4	3,173.47	4	3,383.99	4	3,566.43	4			
1/4	2,125.24	1/4	2,335.76	1/4	2,546.29	1/4	2,756.81	1/4	2,967.33	1/4	3,177.86	1/4	3,388.38	1/4	3,566.86	1/4			
1/2	2,129.63	1/2	2,340.15	1/2	2,550.67	1/2	2,761.20	1/2	2,971.72	1/2	3,182.24	1/2	3,392.77	1/2	3,567.30	1/2			
3/4	2,134.01	3/4	2,344.54	3/4	2,555.06	3/4	2,765.58	3/4	2,976.10	3/4	3,186.63	3/4	3,397.15	3/4	3,567.74	3/4			
5	2,138.40	5	2,348.92	5	2,559.44	5	2,769.97	5	2,980.49	5	3,191.01	5	3,401.54	5	3,568.18	5			
1/4	2,142.78	1/4	2,353.31	1/4	2,563.83	1/4	2,774.35	1/4	2,984.88	1/4	3,195.40	1/4	3,405.92	1/4		1/4			
1/2	2,147.17	1/2	2,357.69	1/2	2,568.22	1/2	2,778.74	1/2	2,989.26	1/2	3,199.79	1/2	3,410.31	1/2		1/2			
3/4	2,151.56	3/4	2,362.08	3/4	2,572.60	3/4	2,783.13	3/4	2,993.65	3/4	3,204.17	3/4	3,414.69	3/4		3/4			
6	2,155.94	6	2,366.46	6	2,576.99	6	2,787.51	6	2,998.03	6	3,208.56	6	3,419.08	6		6			
1/4	2,160.33	1/4	2,370.85	1/4	2,581.37	1/4	2,791.90	1/4	3,002.42	1/4	3,212.94	1/4	3,423.47	1/4		1/4			
1/2	2,164.71	1/2	2,375.24	1/2	2,585.76	1/2	2,796.28	1/2	3,006.81	1/2	3,217.33	1/2	3,427.85	1/2		1/2			
3/4	2,169.10	3/4	2,379.62	3/4	2,590.15	3/4	2,800.67	3/4	3,011.19	3/4	3,221.72	3/4	3,432.24	3/4		3/4			
7	2,173.49	7	2,384.01	7	2,594.53	7	2,805.05	7	3,015.58	7	3,226.10	7	3,436.62	7		7			
1/4	2,177.87	1/4	2,388.39	1/4	2,598.92	1/4	2,809.44	1/4	3,019.96	1/4	3,230.49	1/4	3,441.01	1/4		1/4			
1/2	2,182.26	1/2	2,392.78	1/2	2,603.30	1/2	2,813.83	1/2	3,024.35	1/2	3,234.87	1/2	3,445.40	1/2		1/2			
3/4	2,186.64	3/4	2,397.17	3/4	2,607.69	3/4	2,818.21	3/4	3,028.74	3/4	3,239.26	3/4	3,449.78	3/4		3/4			
8	2,191.03	8	2,401.55	8	2,612.08	8	2,822.60	8	3,033.12	8	3,243.64	8	3,454.17	8		8			
1/4	2,195.41	1/4	2,405.94	1/4	2,616.46	1/4	2,826.98	1/4	3,037.51	1/4	3,248.03	1/4	3,458.55	1/4		1/4			
1/2	2,199.80	1/2	2,410.32	1/2	2,620.85	1/2	2,831.37	1/2	3,041.89	1/2	3,252.42	1/2	3,462.94	1/2		1/2			
3/4	2,204.19	3/4	2,414.71	3/4	2,625.23	3/4	2,835.76	3/4	3,046.28	3/4	3,256.80	3/4	3,467.33	3/4		3/4			
9	2,208.57	9	2,419.10	9	2,629.62	9	2,840.14	9	3,050.67	9	3,261.19	9	3,471.71	9		9			
1/4	2,212.96	1/4	2,423.48	1/4	2,634.00	1/4	2,844.53	1/4	3,055.05	1/4	3,265.57	1/4	3,476.10	1/4		1/4			
1/2	2,217.34	1/2	2,427.87	1/2	2,638.39	1/2	2,848.91	1/2	3,059.44	1/2	3,269.96	1/2	3,480.48	1/2		1/2			
3/4	2,221.73	3/4	2,432.25	3/4	2,642.78	3/4	2,853.30	3/4	3,063.82	3/4	3,274.35	3/4	3,484.87	3/4		3/4			
10	2,226.12	10	2,436.64	10	2,647.16	10	2,857.69	10	3,068.21	10	3,278.73	10	3,489.26	10		10			
1/4	2,230.50	1/4	2,441.03	1/4	2,651.55	1/4	2,862.07	1/4	3,072.59	1/4	3,283.12	1/4	3,493.64	1/4		1/4			
1/2	2,234.89	1/2	2,445.41	1/2	2,655.93	1/2	2,866.46	1/2	3,076.98	1/2	3,287.50	1/2	3,498.03	1/2		1/2			
3/4	2,239.27	3/4	2,449.80	3/4	2,660.32	3/4	2,870.84	3/4	3,081.37	3/4	3,291.89	3/4	3,502.41	3/4		3/4			
11	2,243.66	11	2,454.18	11	2,664.71	11	2,875.23	11	3,085.75	11	3,296.28	11	3,506.80	11		11			
1/4	2,248.05	1/4	2,458.57	1/4	2,669.09	1/4	2,879.62	1/4	3,090.14	1/4	3,300.66	1/4	3,511.18	1/4		1/4			
1/2	2,252.43	1/2	2,462.95	1/2	2,673.48	1/2	2,884.00	1/2	3,094.52	1/2	3,305.05	1/2	3,515.56	1/2		1/2			
3/4	2,256.82	3/4	2,467.34	3/4	2,677.86	3/4	2,888.39	3/4	3,098.91	3/4	3,309.43	3/4	3,519.94	3/4		3/4			

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