



BARGE "DBL 252"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

February 6, 2019

PRECISION MEASUREMENT
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BARGE "DBL 252"

1 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	147.67	0	335.43	0	515.67	0	697.55	0	883.87	0	1,069.91	0	1,255.83	0	1,442.37	0	1,628.69
1/4	1.29	1/4	151.58	1/4	339.31	1/4	519.25	1/4	701.43	1/4	887.76	1/4	1,073.78	1/4	1,259.71	1/4	1,446.25	1/4	1,632.58
1/2	2.22	1/2	155.49	1/2	343.20	1/2	522.84	1/2	705.32	1/2	891.64	1/2	1,077.64	1/2	1,263.60	1/2	1,450.14	1/2	1,636.46
3/4	3.14	3/4	159.40	3/4	347.09	3/4	526.43	3/4	709.20	3/4	895.52	3/4	1,081.50	3/4	1,267.48	3/4	1,454.03	3/4	1,640.35
1	4.07	1	163.31	1	350.98	1	530.01	1	713.08	1	899.40	1	1,085.36	1	1,271.37	1	1,473.91	1	1,644.23
1/4	5.51	1/4	167.23	1/4	354.86	1/4	533.60	1/4	716.96	1/4	903.28	1/4	1,089.22	1/4	1,275.26	1/4	1,461.80	1/4	1,648.11
1/2	6.95	1/2	171.14	1/2	358.75	1/2	537.19	1/2	720.84	1/2	907.16	1/2	1,093.09	1/2	1,279.14	1/2	1,465.69	1/2	1,652.00
3/4	8.40	3/4	175.05	3/4	362.64	3/4	540.77	3/4	724.72	3/4	911.05	3/4	1,096.95	3/4	1,283.03	3/4	1,469.57	3/4	1,655.88
2	9.84	2	178.96	2	366.53	2	544.36	2	728.61	2	914.93	2	1,100.81	2	1,286.92	2	1,473.46	2	1,659.77
1/4	11.80	1/4	182.87	1/4	370.39	1/4	547.94	1/4	732.49	1/4	918.81	1/4	1,104.67	1/4	1,290.80	1/4	1,477.34	1/4	1,663.65
1/2	13.77	1/2	186.78	1/2	374.25	1/2	551.53	1/2	736.37	1/2	922.69	1/2	1,108.53	1/2	1,294.69	1/2	1,481.23	1/2	1,667.54
3/4	15.73	3/4	190.70	3/4	378.10	3/4	555.12	3/4	740.25	3/4	926.57	3/4	1,112.40	3/4	1,298.57	3/4	1,485.12	3/4	1,671.42
3	17.69	3	194.61	3	381.96	3	558.70	3	744.13	3	930.45	3	1,116.26	3	1,302.46	3	1,489.00	3	1,675.31
1/4	20.17	1/4	198.52	1/4	385.82	1/4	562.36	1/4	748.01	1/4	934.34	1/4	1,120.12	1/4	1,306.35	1/4	1,492.89	1/4	1,679.19
1/2	22.66	1/2	202.43	1/2	389.68	1/2	566.02	1/2	751.90	1/2	938.22	1/2	1,123.98	1/2	1,310.23	1/2	1,496.78	1/2	1,683.08
3/4	25.14	3/4	206.34	3/4	393.54	3/4	569.68	3/4	755.78	3/4	942.10	3/4	1,127.84	3/4	1,314.12	3/4	1,500.66	3/4	1,686.96
4	27.62	4	210.25	4	397.40	4	573.34	4	759.66	4	945.98	4	1,131.71	4	1,318.01	4	1,504.55	4	1,690.85
1/4	30.62	1/4	214.17	1/4	401.28	1/4	577.22	1/4	763.54	1/4	949.86	1/4	1,135.57	1/4	1,321.89	1/4	1,508.43	1/4	1,694.73
1/2	33.62	1/2	218.08	1/2	405.17	1/2	581.10	1/2	767.42	1/2	953.74	1/2	1,139.43	1/2	1,325.78	1/2	1,512.32	1/2	1,698.61
3/4	36.62	3/4	221.99	3/4	409.06	3/4	584.98	3/4	771.30	3/4	957.63	3/4	1,143.29	3/4	1,329.66	3/4	1,516.21	3/4	1,702.50
5	39.62	5	225.90	5	412.95	5	588.87	5	775.19	5	961.51	5	1,147.15	5	1,333.55	5	1,520.09	5	1,706.38
1/4	43.20	1/4	229.81	1/4	416.83	1/4	592.75	1/4	779.07	1/4	965.39	1/4	1,151.02	1/4	1,337.44	1/4	1,523.97	1/4	1,710.27
1/2	46.79	1/2	233.72	1/2	420.72	1/2	596.63	1/2	782.95	1/2	969.27	1/2	1,154.88	1/2	1,341.32	1/2	1,527.85	1/2	1,714.15
3/4	50.37	3/4	237.64	3/4	424.61	3/4	600.51	3/4	786.83	3/4	973.15	3/4	1,158.74	3/4	1,345.21	3/4	1,531.73	3/4	1,718.04
6	53.95	6	241.55	6	428.50	6	604.39	6	790.71	6	977.04	6	1,162.60	6	1,349.10	6	1,535.60	6	1,721.92
1/4	57.83	1/4	245.46	1/4	432.19	1/4	608.27	1/4	794.60	1/4	980.92	1/4	1,166.48	1/4	1,352.98	1/4	1,539.48	1/4	1,725.81
1/2	61.71	1/2	249.37	1/2	435.87	1/2	612.16	1/2	798.48	1/2	984.80	1/2	1,170.35	1/2	1,356.87	1/2	1,543.36	1/2	1,729.69
3/4	65.59	3/4	253.28	3/4	439.56	3/4	616.04	3/4	802.36	3/4	988.68	3/4	1,174.22	3/4	1,360.76	3/4	1,547.24	3/4	1,733.58
7	69.48	7	257.19	7	443.25	7	619.92	7	806.24	7	992.56	7	1,178.10	7	1,364.64	7	1,551.11	7	1,737.46
1/4	73.38	1/4	261.10	1/4	446.93	1/4	623.80	1/4	810.12	1/4	996.44	1/4	1,181.99	1/4	1,368.53	1/4	1,554.99	1/4	1,741.35
1/2	77.28	1/2	265.02	1/2	450.62	1/2	627.68	1/2	814.00	1/2	1,000.33	1/2	1,185.87	1/2	1,372.41	1/2	1,558.87	1/2	1,745.23
3/4	81.18	3/4	268.93	3/4	454.31	3/4	631.56	3/4	817.89	3/4	1,004.21	3/4	1,189.76	3/4	1,376.30	3/4	1,562.75	3/4	1,749.11
8	85.09	8	272.84	8	457.99	8	635.45	8	821.77	8	1,008.09	8	1,193.64	8	1,380.19	8	1,566.62	8	1,753.00
1/4	89.00	1/4	276.75	1/4	461.65	1/4	639.33	1/4	825.65	1/4	1,011.96	1/4	1,197.53	1/4	1,384.07	1/4	1,570.50	1/4	1,756.88
1/2	92.91	1/2	280.66	1/2	465.31	1/2	643.21	1/2	829.53	1/2	1,015.83	1/2	1,201.42	1/2	1,387.96	1/2	1,574.38	1/2	1,760.77
3/4	96.82	3/4	284.57	3/4	468.97	3/4	647.09	3/4	833.41	3/4	1,019.70	3/4	1,205.30	3/4	1,391.85	3/4	1,578.26	3/4	1,764.65
9	100.73	9	288.49	9	472.64	9	650.97	9	837.29	9	1,023.57	9	1,209.19	9	1,395.73	9	1,582.13	9	1,768.54
1/4	104.64	1/4	292.40	1/4	476.22	1/4	654.85	1/4	841.18	1/4	1,027.43	1/4	1,213.08	1/4	1,399.62	1/4	1,586.01	1/4	1,772.42
1/2	108.55	1/2	296.31	1/2	479.81	1/2	658.74	1/2	845.06	1/2	1,031.29	1/2	1,216.96	1/2	1,403.50	1/2	1,589.89	1/2	1,776.31
3/4	112.46	3/4	300.22	3/4	483.39	3/4	662.62	3/4	848.94	3/4	1,035.16	3/4	1,220.85	3/4	1,407.39	3/4	1,593.77	3/4	1,780.19
10	116.38	10	304.13	10	486.98	10	666.50	10	852.82	10	1,039.02	10	1,224.73	10	1,411.28	10	1,597.64	10	1,784.08
1/4	120.29	1/4	308.04	1/4	490.57	1/4	670.38	1/4	856.70	1/4	1,042.88	1/4	1,228.62	1/4	1,415.16	1/4	1,601.52	1/4	1,787.96
1/2	124.20	1/2	311.96	1/2	494.15	1/2	674.26	1/2	860.58	1/2	1,046.74	1/2	1,232.51	1/2	1,419.05	1/2	1,605.40	1/2	1,791.85
3/4	128.11	3/4	315.87	3/4	497.74	3/4	678.14	3/4	864.47	3/4	1,050.60	3/4	1,236.39	3/4	1,422.94	3/4	1,609.28	3/4	1,795.73
11	132.02	11	319.78	11	501.32	11	682.03	11	868.35	11	1,054.47	11	1,240.28	11	1,426.82	11	1,613.15	11	1,799.61
1/4	135.93	1/4	323.69	1/4	504.91	1/4	685.91	1/4	872.23	1/4	1,058.33	1/4	1,244.17	1/4	1,430.71	1/4	1,617.04	1/4	1,803.50
1/2	139.85	1/2	327.60	1/2	508.50	1/2	689.79	1/2	876.11	1/2	1,062.19	1/2	1,248.05	1/2	1,434.59	1/2	1,620.92	1/2	1,807.38
3/4	143.76	3/4	331.51	3/4	512.08	3/4	693.67	3/4	879.99	3/4	1,066.05	3/4	1,251.94	3/4	1,438.48	3/4	1,624.81	3/4	1,811.27

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "DBL 252"

1 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	1,815.15	0	1,986.25	0	2,141.99	0	2,297.72	0	2,453.46	0	2,609.19	0	2,764.93	0	2,923.32	0		0	
1/4	1,819.04	1/4	1,989.50	1/4	2,145.23	1/4	2,300.97	1/4	2,456.70	1/4	2,612.44	1/4	2,768.18	1/4	2,926.84	1/4		1/4	
1/2	1,822.92	1/2	1,992.74	1/2	2,148.48	1/2	2,304.21	1/2	2,459.95	1/2	2,615.68	1/2	2,771.42	1/2	2,930.36	1/2		1/2	
3/4	1,826.81	3/4	1,995.98	3/4	2,151.72	3/4	2,307.46	3/4	2,463.19	3/4	2,618.93	3/4	2,774.66	3/4	2,933.88	3/4		3/4	
1	1,830.69	1	1,999.23	1	2,154.97	1	2,310.70	1	2,466.44	1	2,622.17	1	2,777.91	1	2,937.40	1		1	
1/4	1,834.58	1/4	2,002.47	1/4	2,158.21	1/4	2,313.95	1/4	2,469.68	1/4	2,625.42	1/4	2,781.15	1/4	2,940.14	1/4		1/4	
1/2	1,838.46	1/2	2,005.72	1/2	2,161.45	1/2	2,317.19	1/2	2,472.93	1/2	2,628.66	1/2	2,784.40	1/2	2,942.88	1/2		1/2	
3/4	1,842.34	3/4	2,008.96	3/4	2,164.70	3/4	2,320.43	3/4	2,476.17	3/4	2,631.91	3/4	2,787.64	3/4	2,945.62	3/4		3/4	
2	1,846.23	2	2,012.21	2	2,167.94	2	2,323.68	2	2,479.41	2	2,635.15	2	2,790.89	2	2,948.35	2		2	
1/4	1,850.11	1/4	2,015.45	1/4	2,171.19	1/4	2,326.92	1/4	2,482.66	1/4	2,638.40	1/4	2,794.13	1/4	2,950.31	1/4		1/4	
1/2	1,854.00	1/2	2,018.70	1/2	2,174.43	1/2	2,330.17	1/2	2,485.90	1/2	2,641.64	1/2	2,797.38	1/2	2,952.26	1/2		1/2	
3/4	1,857.88	3/4	2,021.94	3/4	2,177.68	3/4	2,333.41	3/4	2,489.15	3/4	2,644.88	3/4	2,800.62	3/4	2,954.22	3/4		3/4	
3	1,861.77	3	2,025.19	3	2,180.92	3	2,336.66	3	2,492.39	3	2,648.13	3	2,803.86	3	2,956.18	3		3	
1/4	1,865.65	1/4	2,028.43	1/4	2,184.17	1/4	2,339.90	1/4	2,495.64	1/4	2,651.37	1/4	2,807.11	1/4	2,957.35	1/4		1/4	
1/2	1,869.54	1/2	2,031.67	1/2	2,187.41	1/2	2,343.15	1/2	2,498.88	1/2	2,654.62	1/2	2,810.35	1/2	2,958.52	1/2		1/2	
3/4	1,873.42	3/4	2,034.92	3/4	2,190.65	3/4	2,346.39	3/4	2,502.13	3/4	2,657.86	3/4	2,813.60	3/4	2,959.70	3/4		3/4	
4	1,877.31	4	2,038.16	4	2,193.90	4	2,349.63	4	2,505.37	4	2,661.11	4	2,816.84	4	2,960.87	4		4	
1/4	1,881.19	1/4	2,041.41	1/4	2,197.14	1/4	2,352.88	1/4	2,508.62	1/4	2,664.35	1/4	2,820.09	1/4	2,961.26	1/4		1/4	
1/2	1,885.08	1/2	2,044.65	1/2	2,200.39	1/2	2,356.12	1/2	2,511.86	1/2	2,667.60	1/2	2,823.33	1/2	2,961.65	1/2		1/2	
3/4	1,888.96	3/4	2,047.90	3/4	2,203.63	3/4	2,359.37	3/4	2,515.10	3/4	2,670.84	3/4	2,826.58	3/4	2,962.04	3/4		3/4	
5	1,892.84	5	2,051.14	5	2,206.88	5	2,362.61	5	2,518.35	5	2,674.08	5	2,829.82	5	2,962.43	5		5	
1/4	1,896.73	1/4	2,054.39	1/4	2,210.12	1/4	2,365.86	1/4	2,521.59	1/4	2,677.33	1/4	2,833.07	1/4		1/4		1/4	
1/2	1,900.61	1/2	2,057.63	1/2	2,213.37	1/2	2,369.10	1/2	2,524.84	1/2	2,680.57	1/2	2,836.31	1/2		1/2		1/2	
3/4	1,904.50	3/4	2,060.87	3/4	2,216.61	3/4	2,372.35	3/4	2,528.08	3/4	2,683.82	3/4	2,839.55	3/4		3/4		3/4	
6	1,908.38	6	2,064.12	6	2,219.85	6	2,375.59	6	2,531.33	6	2,687.06	6	2,842.80	6		6		6	
1/4	1,911.63	1/4	2,067.36	1/4	2,223.10	1/4	2,378.84	1/4	2,534.57	1/4	2,690.31	1/4	2,846.04	1/4		1/4		1/4	
1/2	1,914.87	1/2	2,070.61	1/2	2,226.34	1/2	2,382.08	1/2	2,537.82	1/2	2,693.55	1/2	2,849.29	1/2		1/2		1/2	
3/4	1,918.12	3/4	2,073.85	3/4	2,229.59	3/4	2,385.32	3/4	2,541.06	3/4	2,696.80	3/4	2,852.53	3/4		3/4		3/4	
7	1,921.36	7	2,077.10	7	2,232.83	7	2,388.57	7	2,544.30	7	2,700.04	7	2,855.78	7		7		7	
1/4	1,924.61	1/4	2,080.34	1/4	2,236.08	1/4	2,391.81	1/4	2,547.55	1/4	2,703.29	1/4	2,859.02	1/4		1/4		1/4	
1/2	1,927.85	1/2	2,083.59	1/2	2,239.32	1/2	2,395.06	1/2	2,550.79	1/2	2,706.53	1/2	2,862.27	1/2		1/2		1/2	
3/4	1,931.09	3/4	2,086.83	3/4	2,242.57	3/4	2,398.30	3/4	2,554.04	3/4	2,709.77	3/4	2,865.51	3/4		3/4		3/4	
8	1,934.34	8	2,090.08	8	2,245.81	8	2,401.55	8	2,557.28	8	2,713.02	8	2,868.75	8		8		8	
1/4	1,937.58	1/4	2,093.32	1/4	2,249.06	1/4	2,404.79	1/4	2,560.53	1/4	2,716.26	1/4	2,872.00	1/4		1/4		1/4	
1/2	1,940.83	1/2	2,096.56	1/2	2,252.30	1/2	2,408.04	1/2	2,563.77	1/2	2,719.51	1/2	2,875.24	1/2		1/2		1/2	
3/4	1,944.07	3/4	2,099.81	3/4	2,255.54	3/4	2,411.28	3/4	2,567.02	3/4	2,722.75	3/4	2,878.49	3/4		3/4		3/4	
9	1,947.32	9	2,103.05	9	2,258.79	9	2,414.52	9	2,570.26	9	2,726.00	9	2,881.73	9		9		9	
1/4	1,950.56	1/4	2,106.30	1/4	2,262.03	1/4	2,417.77	1/4	2,573.51	1/4	2,729.24	1/4	2,884.98	1/4		1/4		1/4	
1/2	1,953.81	1/2	2,109.54	1/2	2,265.28	1/2	2,421.01	1/2	2,576.75	1/2	2,732.49	1/2	2,888.22	1/2		1/2		1/2	
3/4	1,957.05	3/4	2,112.79	3/4	2,268.52	3/4	2,424.26	3/4	2,579.99	3/4	2,735.73	3/4	2,891.47	3/4		3/4		3/4	
10	1,960.30	10	2,116.03	10	2,271.77	10	2,427.50	10	2,583.24	10	2,738.97	10	2,894.71	10		10		10	
1/4	1,963.54	1/4	2,119.28	1/4	2,275.01	1/4	2,430.75	1/4	2,586.48	1/4	2,742.22	1/4	2,897.96	1/4		1/4		1/4	
1/2	1,966.78	1/2	2,122.52	1/2	2,278.26	1/2	2,433.99	1/2	2,589.73	1/2	2,745.46	1/2	2,901.20	1/2		1/2		1/2	
3/4	1,970.03	3/4	2,125.76	3/4	2,281.50	3/4	2,437.24	3/4	2,592.97	3/4	2,748.71	3/4	2,904.44	3/4		3/4		3/4	
11	1,973.27	11	2,129.01	11	2,284.74	11	2,440.48	11	2,596.22	11	2,751.95	11	2,907.69	11		11		11	
1/4	1,976.52	1/4	2,132.25	1/4	2,287.99	1/4	2,443.73	1/4	2,599.46	1/4	2,755.20	1/4	2,911.60	1/4		1/4		1/4	
1/2	1,979.76	1/2	2,135.50	1/2	2,291.23	1/2	2,446.97	1/2	2,602.71	1/2	2,758.44	1/2	2,915.51	1/2		1/2		1/2	
3/4	1,983.01	3/4	2,138.74	3/4	2,294.48	3/4	2,450.21	3/4	2,605.95	3/4	2,761.69	3/4	2,919.41	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "DBL 252"

2 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	143.93	0	335.58	0	525.70	0	713.68	0	905.34	0	1,097.00	0	1,288.65	0	1,480.31	0	1,671.97
1/4	0.70	1/4	147.92	1/4	339.57	1/4	529.56	1/4	717.67	1/4	909.33	1/4	1,100.99	1/4	1,292.65	1/4	1,484.31	1/4	1,675.97
1/2	1.03	1/2	151.91	1/2	343.56	1/2	533.42	1/2	721.66	1/2	913.32	1/2	1,104.98	1/2	1,296.64	1/2	1,488.30	1/2	1,679.96
3/4	1.36	3/4	155.91	3/4	347.55	3/4	537.27	3/4	725.66	3/4	917.31	3/4	1,108.97	3/4	1,300.63	3/4	1,492.29	3/4	1,683.95
1	1.70	1	159.90	1	351.55	1	541.13	1	729.65	1	921.31	1	1,112.97	1	1,304.63	1	1,512.26	1	1,687.94
1/4	2.70	1/4	163.89	1/4	355.54	1/4	544.99	1/4	733.64	1/4	925.30	1/4	1,116.96	1/4	1,308.62	1/4	1,500.28	1/4	1,691.94
1/2	3.69	1/2	167.88	1/2	359.53	1/2	548.85	1/2	737.63	1/2	929.29	1/2	1,120.95	1/2	1,312.61	1/2	1,504.27	1/2	1,695.93
3/4	4.69	3/4	171.88	3/4	363.53	3/4	552.71	3/4	741.63	3/4	933.29	3/4	1,124.95	3/4	1,316.60	3/4	1,508.26	3/4	1,699.92
2	5.69	2	175.87	2	367.52	2	556.57	2	745.62	2	937.28	2	1,128.94	2	1,320.60	2	1,512.26	2	1,703.92
1/4	7.35	1/4	179.86	1/4	371.51	1/4	560.42	1/4	749.61	1/4	941.27	1/4	1,132.93	1/4	1,324.59	1/4	1,516.25	1/4	1,707.91
1/2	9.02	1/2	183.85	1/2	375.50	1/2	564.28	1/2	753.61	1/2	945.26	1/2	1,136.92	1/2	1,328.58	1/2	1,520.24	1/2	1,711.90
3/4	10.68	3/4	187.85	3/4	379.50	3/4	568.14	3/4	757.60	3/4	949.26	3/4	1,140.92	3/4	1,332.58	3/4	1,524.24	3/4	1,715.89
3	12.34	3	191.84	3	383.49	3	572.00	3	761.59	3	953.25	3	1,144.91	3	1,336.57	3	1,528.23	3	1,719.89
1/4	14.67	1/4	195.83	1/4	387.48	1/4	575.86	1/4	765.58	1/4	957.24	1/4	1,148.90	1/4	1,340.56	1/4	1,532.22	1/4	1,723.88
1/2	17.00	1/2	199.82	1/2	391.47	1/2	579.71	1/2	769.58	1/2	961.24	1/2	1,152.90	1/2	1,344.55	1/2	1,536.21	1/2	1,727.87
3/4	19.33	3/4	203.82	3/4	395.47	3/4	583.57	3/4	773.57	3/4	965.23	3/4	1,156.89	3/4	1,348.55	3/4	1,540.21	3/4	1,731.87
4	21.66	4	207.81	4	399.46	4	587.43	4	777.56	4	969.22	4	1,160.88	4	1,352.54	4	1,544.20	4	1,735.86
1/4	24.65	1/4	211.80	1/4	403.45	1/4	591.29	1/4	781.56	1/4	973.22	1/4	1,164.87	1/4	1,356.53	1/4	1,548.19	1/4	1,739.85
1/2	27.65	1/2	215.80	1/2	407.45	1/2	595.15	1/2	785.55	1/2	977.21	1/2	1,168.87	1/2	1,360.53	1/2	1,552.19	1/2	1,743.84
3/4	30.64	3/4	219.79	3/4	411.44	3/4	599.00	3/4	789.54	3/4	981.20	3/4	1,172.86	3/4	1,364.52	3/4	1,556.18	3/4	1,747.84
5	33.64	5	223.78	5	415.43	5	602.86	5	793.53	5	985.19	5	1,176.85	5	1,368.51	5	1,560.17	5	1,751.83
1/4	37.29	1/4	227.77	1/4	419.42	1/4	606.72	1/4	797.53	1/4	989.19	1/4	1,180.85	1/4	1,372.51	1/4	1,564.16	1/4	1,755.82
1/2	40.95	1/2	231.77	1/2	423.42	1/2	610.58	1/2	801.52	1/2	993.18	1/2	1,184.84	1/2	1,376.50	1/2	1,568.16	1/2	1,759.82
3/4	44.61	3/4	235.76	3/4	427.41	3/4	614.44	3/4	805.51	3/4	997.17	3/4	1,188.83	3/4	1,380.49	3/4	1,572.15	3/4	1,763.81
6	48.27	6	239.75	6	431.40	6	618.30	6	809.51	6	1,001.17	6	1,192.82	6	1,384.48	6	1,576.14	6	1,767.80
1/4	52.23	1/4	243.74	1/4	435.39	1/4	622.18	1/4	813.50	1/4	1,005.16	1/4	1,196.82	1/4	1,388.48	1/4	1,580.14	1/4	1,771.80
1/2	56.19	1/2	247.74	1/2	439.39	1/2	626.06	1/2	817.49	1/2	1,009.15	1/2	1,200.81	1/2	1,392.47	1/2	1,584.13	1/2	1,775.79
3/4	60.15	3/4	251.73	3/4	443.38	3/4	629.94	3/4	821.48	3/4	1,013.14	3/4	1,204.80	3/4	1,396.46	3/4	1,588.12	3/4	1,779.78
7	64.11	7	255.72	7	447.37	7	633.82	7	825.48	7	1,017.14	7	1,208.80	7	1,400.46	7	1,592.11	7	1,783.77
1/4	68.10	1/4	259.72	1/4	451.36	1/4	637.81	1/4	829.47	1/4	1,021.13	1/4	1,212.79	1/4	1,404.45	1/4	1,596.11	1/4	1,787.77
1/2	72.08	1/2	263.71	1/2	455.36	1/2	641.80	1/2	833.46	1/2	1,025.12	1/2	1,216.78	1/2	1,408.44	1/2	1,600.10	1/2	1,791.76
3/4	76.06	3/4	267.70	3/4	459.35	3/4	645.80	3/4	837.46	3/4	1,029.12	3/4	1,220.77	3/4	1,412.43	3/4	1,604.09	3/4	1,795.75
8	80.05	8	271.69	8	463.34	8	649.79	8	841.45	8	1,033.11	8	1,224.77	8	1,416.43	8	1,608.09	8	1,799.75
1/4	84.04	1/4	275.69	1/4	467.34	1/4	653.78	1/4	845.44	1/4	1,037.10	1/4	1,228.76	1/4	1,420.42	1/4	1,612.08	1/4	1,803.74
1/2	88.03	1/2	279.68	1/2	471.33	1/2	657.78	1/2	849.44	1/2	1,041.09	1/2	1,232.75	1/2	1,424.41	1/2	1,616.07	1/2	1,807.73
3/4	92.02	3/4	283.67	3/4	475.32	3/4	661.77	3/4	853.43	3/4	1,045.09	3/4	1,236.75	3/4	1,428.41	3/4	1,620.06	3/4	1,811.72
9	96.01	9	287.66	9	479.31	9	665.76	9	857.42	9	1,049.08	9	1,240.74	9	1,432.40	9	1,624.06	9	1,815.72
1/4	100.01	1/4	291.66	1/4	483.19	1/4	669.75	1/4	861.41	1/4	1,053.07	1/4	1,244.73	1/4	1,436.39	1/4	1,628.05	1/4	1,819.71
1/2	104.00	1/2	295.65	1/2	487.07	1/2	673.75	1/2	865.41	1/2	1,057.07	1/2	1,248.73	1/2	1,440.38	1/2	1,632.04	1/2	1,823.70
3/4	107.99	3/4	299.64	3/4	490.96	3/4	677.74	3/4	869.40	3/4	1,061.06	3/4	1,252.72	3/4	1,444.38	3/4	1,636.04	3/4	1,827.70
10	111.99	10	303.64	10	494.84	10	681.73	10	873.39	10	1,065.05	10	1,256.71	10	1,448.37	10	1,640.03	10	1,831.69
1/4	115.98	1/4	307.63	1/4	498.69	1/4	685.73	1/4	877.39	1/4	1,069.04	1/4	1,260.70	1/4	1,452.36	1/4	1,644.02	1/4	1,835.68
1/2	119.97	1/2	311.62	1/2	502.55	1/2	689.72	1/2	881.38	1/2	1,073.04	1/2	1,264.70	1/2	1,456.36	1/2	1,648.02	1/2	1,839.67
3/4	123.96	3/4	315.61	3/4	506.41	3/4	693.71	3/4	885.37	3/4	1,077.03	3/4	1,268.69	3/4	1,460.35	3/4	1,652.01	3/4	1,843.67
11	127.96	11	319.61	11	510.27	11	697.71	11	889.36	11	1,081.02	11	1,272.68	11	1,464.34	11	1,656.00	11	1,847.66
1/4	131.95	1/4	323.60	1/4	514.13	1/4	701.70	1/4	893.36	1/4	1,085.02	1/4	1,276.68	1/4	1,468.33	1/4	1,659.99	1/4	1,851.65
1/2	135.94	1/2	327.59	1/2	517.98	1/2	705.69	1/2	897.35	1/2	1,089.01	1/2	1,280.67	1/2	1,472.33	1/2	1,663.99	1/2	1,855.65
3/4	139.93	3/4	331.58	3/4	521.84	3/4	709.68	3/4	901.34	3/4	1,093.00	3/4	1,284.66	3/4	1,476.32	3/4	1,667.98	3/4	1,859.64

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 252"

2 CENTER 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	1,863.63	0	2,055.29	0	2,246.95	0	2,438.61	0	2,630.27	0	2,821.93	0	3,013.59	0	3,205.24	0		0	
1/4	1,867.62	1/4	2,059.28	1/4	2,250.94	1/4	2,442.60	1/4	2,634.26	1/4	2,825.92	1/4	3,017.58	1/4	3,208.83	1/4		1/4	
1/2	1,871.62	1/2	2,063.28	1/2	2,254.94	1/2	2,446.60	1/2	2,638.25	1/2	2,829.91	1/2	3,021.57	1/2	3,212.42	1/2		1/2	
3/4	1,875.61	3/4	2,067.27	3/4	2,258.93	3/4	2,450.59	3/4	2,642.25	3/4	2,833.91	3/4	3,025.57	3/4	3,216.02	3/4		3/4	
1	1,879.60	1	2,071.26	1	2,262.92	1	2,454.58	1	2,646.24	1	2,837.90	1	3,029.56	1	3,219.61	1		1	
1/4	1,883.60	1/4	2,075.26	1/4	2,266.91	1/4	2,458.57	1/4	2,650.23	1/4	2,841.89	1/4	3,033.55	1/4	3,222.40	1/4		1/4	
1/2	1,887.59	1/2	2,079.25	1/2	2,270.91	1/2	2,462.57	1/2	2,654.23	1/2	2,845.89	1/2	3,037.54	1/2	3,225.20	1/2		1/2	
3/4	1,891.58	3/4	2,083.24	3/4	2,274.90	3/4	2,466.56	3/4	2,658.22	3/4	2,849.88	3/4	3,041.54	3/4	3,227.99	3/4		3/4	
2	1,895.57	2	2,087.23	2	2,278.89	2	2,470.55	2	2,662.21	2	2,853.87	2	3,045.53	2	3,230.79	2		2	
1/4	1,899.57	1/4	2,091.23	1/4	2,282.89	1/4	2,474.55	1/4	2,666.20	1/4	2,857.86	1/4	3,049.52	1/4	3,232.79	1/4		1/4	
1/2	1,903.56	1/2	2,095.22	1/2	2,286.88	1/2	2,478.54	1/2	2,670.20	1/2	2,861.86	1/2	3,053.52	1/2	3,234.78	1/2		1/2	
3/4	1,907.55	3/4	2,099.21	3/4	2,290.87	3/4	2,482.53	3/4	2,674.19	3/4	2,865.85	3/4	3,057.51	3/4	3,236.78	3/4		3/4	
3	1,911.55	3	2,103.21	3	2,294.87	3	2,486.52	3	2,678.18	3	2,869.84	3	3,061.50	3	3,238.78	3		3	
1/4	1,915.54	1/4	2,107.20	1/4	2,298.86	1/4	2,490.52	1/4	2,682.18	1/4	2,873.84	1/4	3,065.49	1/4	3,239.97	1/4		1/4	
1/2	1,919.53	1/2	2,111.19	1/2	2,302.85	1/2	2,494.51	1/2	2,686.17	1/2	2,877.83	1/2	3,069.49	1/2	3,241.17	1/2		1/2	
3/4	1,923.53	3/4	2,115.18	3/4	2,306.84	3/4	2,498.50	3/4	2,690.16	3/4	2,881.82	3/4	3,073.48	3/4	3,242.37	3/4		3/4	
4	1,927.52	4	2,119.18	4	2,310.84	4	2,502.50	4	2,694.16	4	2,885.81	4	3,077.47	4	3,243.57	4		4	
1/4	1,931.51	1/4	2,123.17	1/4	2,314.83	1/4	2,506.49	1/4	2,698.15	1/4	2,889.81	1/4	3,081.47	1/4	3,243.97	1/4		1/4	
1/2	1,935.50	1/2	2,127.16	1/2	2,318.82	1/2	2,510.48	1/2	2,702.14	1/2	2,893.80	1/2	3,085.46	1/2	3,244.37	1/2		1/2	
3/4	1,939.50	3/4	2,131.16	3/4	2,322.82	3/4	2,514.47	3/4	2,706.13	3/4	2,897.79	3/4	3,089.45	3/4	3,244.76	3/4		3/4	
5	1,943.49	5	2,135.15	5	2,326.81	5	2,518.47	5	2,710.13	5	2,901.79	5	3,093.45	5	3,245.16	5		5	
1/4	1,947.48	1/4	2,139.14	1/4	2,330.80	1/4	2,522.46	1/4	2,714.12	1/4	2,905.78	1/4	3,097.44	1/4		1/4		1/4	
1/2	1,951.48	1/2	2,143.13	1/2	2,334.79	1/2	2,526.45	1/2	2,718.11	1/2	2,909.77	1/2	3,101.43	1/2		1/2		1/2	
3/4	1,955.47	3/4	2,147.13	3/4	2,338.79	3/4	2,530.45	3/4	2,722.11	3/4	2,913.76	3/4	3,105.42	3/4		3/4		3/4	
6	1,959.46	6	2,151.12	6	2,342.78	6	2,534.44	6	2,726.10	6	2,917.76	6	3,109.42	6		6		6	
1/4	1,963.45	1/4	2,155.11	1/4	2,346.77	1/4	2,538.43	1/4	2,730.09	1/4	2,921.75	1/4	3,113.41	1/4		1/4		1/4	
1/2	1,967.45	1/2	2,159.11	1/2	2,350.77	1/2	2,542.42	1/2	2,734.08	1/2	2,925.74	1/2	3,117.40	1/2		1/2		1/2	
3/4	1,971.44	3/4	2,163.10	3/4	2,354.76	3/4	2,546.42	3/4	2,738.08	3/4	2,929.74	3/4	3,121.40	3/4		3/4		3/4	
7	1,975.43	7	2,167.09	7	2,358.75	7	2,550.41	7	2,742.07	7	2,933.73	7	3,125.39	7		7		7	
1/4	1,979.43	1/4	2,171.09	1/4	2,362.74	1/4	2,554.40	1/4	2,746.06	1/4	2,937.72	1/4	3,129.38	1/4		1/4		1/4	
1/2	1,983.42	1/2	2,175.08	1/2	2,366.74	1/2	2,558.40	1/2	2,750.06	1/2	2,941.71	1/2	3,133.37	1/2		1/2		1/2	
3/4	1,987.41	3/4	2,179.07	3/4	2,370.73	3/4	2,562.39	3/4	2,754.05	3/4	2,945.71	3/4	3,137.37	3/4		3/4		3/4	
8	1,991.40	8	2,183.06	8	2,374.72	8	2,566.38	8	2,758.04	8	2,949.70	8	3,141.36	8		8		8	
1/4	1,995.40	1/4	2,187.06	1/4	2,378.72	1/4	2,570.38	1/4	2,762.03	1/4	2,953.69	1/4	3,145.35	1/4		1/4		1/4	
1/2	1,999.39	1/2	2,191.05	1/2	2,382.71	1/2	2,574.37	1/2	2,766.03	1/2	2,957.69	1/2	3,149.35	1/2		1/2		1/2	
3/4	2,003.38	3/4	2,195.04	3/4	2,386.70	3/4	2,578.36	3/4	2,770.02	3/4	2,961.68	3/4	3,153.34	3/4		3/4		3/4	
9	2,007.38	9	2,199.04	9	2,390.69	9	2,582.35	9	2,774.01	9	2,965.67	9	3,157.33	9		9		9	
1/4	2,011.37	1/4	2,203.03	1/4	2,394.69	1/4	2,586.35	1/4	2,778.01	1/4	2,969.67	1/4	3,161.32	1/4		1/4		1/4	
1/2	2,015.36	1/2	2,207.02	1/2	2,398.68	1/2	2,590.34	1/2	2,782.00	1/2	2,973.66	1/2	3,165.32	1/2		1/2		1/2	
3/4	2,019.35	3/4	2,211.01	3/4	2,402.67	3/4	2,594.33	3/4	2,785.99	3/4	2,977.65	3/4	3,169.31	3/4		3/4		3/4	
10	2,023.35	10	2,215.01	10	2,406.67	10	2,598.33	10	2,789.98	10	2,981.64	10	3,173.30	10		10		10	
1/4	2,027.34	1/4	2,219.00	1/4	2,410.66	1/4	2,602.32	1/4	2,793.98	1/4	2,985.64	1/4	3,177.30	1/4		1/4		1/4	
1/2	2,031.33	1/2	2,222.99	1/2	2,414.65	1/2	2,606.31	1/2	2,797.97	1/2	2,989.63	1/2	3,181.29	1/2		1/2		1/2	
3/4	2,035.33	3/4	2,226.99	3/4	2,418.64	3/4	2,610.30	3/4	2,801.96	3/4	2,993.62	3/4	3,185.28	3/4		3/4		3/4	
11	2,039.32	11	2,230.98	11	2,422.64	11	2,614.30	11	2,805.96	11	2,997.62	11	3,189.27	11		11		11	
1/4	2,043.31	1/4	2,234.97	1/4	2,426.63	1/4	2,618.29	1/4	2,809.95	1/4	3,001.61	1/4	3,193.27	1/4		1/4		1/4	
1/2	2,047.31	1/2	2,238.96	1/2	2,430.62	1/2	2,622.28	1/2	2,813.94	1/2	3,005.60	1/2	3,197.26	1/2		1/2		1/2	
3/4	2,051.30	3/4	2,242.96	3/4	2,434.62	3/4	2,626.28	3/4	2,817.93	3/4	3,009.59	3/4	3,201.25	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "DBL 252"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04 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	143.82	0	335.32	0	525.29	0	713.12	0	904.63	0	1,096.14	0	1,287.65	0	1,479.16	0	1,670.67
1/4	0.70	1/4	147.81	1/4	339.31	1/4	529.15	1/4	717.11	1/4	908.62	1/4	1,100.13	1/4	1,291.64	1/4	1,483.15	1/4	1,674.66
1/2	1.03	1/2	151.79	1/2	343.30	1/2	533.00	1/2	721.10	1/2	912.61	1/2	1,104.12	1/2	1,295.63	1/2	1,487.14	1/2	1,678.65
3/4	1.36	3/4	155.78	3/4	347.29	3/4	536.86	3/4	725.09	3/4	916.60	3/4	1,108.11	3/4	1,299.62	3/4	1,491.13	3/4	1,682.64
1	1.70	1	159.77	1	351.27	1	540.71	1	729.08	1	920.59	1	1,112.10	1	1,303.61	1	1,495.12	1	1,686.63
1/4	2.69	1/4	163.76	1/4	355.26	1/4	544.57	1/4	733.07	1/4	924.58	1/4	1,116.09	1/4	1,307.60	1/4	1,499.11	1/4	1,690.62
1/2	3.69	1/2	167.75	1/2	359.25	1/2	548.42	1/2	737.06	1/2	928.57	1/2	1,120.08	1/2	1,311.59	1/2	1,503.10	1/2	1,694.61
3/4	4.69	3/4	171.74	3/4	363.24	3/4	552.28	3/4	741.05	3/4	932.56	3/4	1,124.07	3/4	1,315.58	3/4	1,507.09	3/4	1,698.60
2	5.69	2	175.73	2	367.23	2	556.13	2	745.04	2	936.55	2	1,128.06	2	1,319.57	2	1,511.08	2	1,702.59
1/4	7.35	1/4	179.72	1/4	371.22	1/4	559.99	1/4	749.03	1/4	940.54	1/4	1,132.05	1/4	1,323.56	1/4	1,515.07	1/4	1,706.58
1/2	9.01	1/2	183.71	1/2	375.21	1/2	563.84	1/2	753.02	1/2	944.53	1/2	1,136.04	1/2	1,327.55	1/2	1,519.06	1/2	1,710.57
3/4	10.67	3/4	187.70	3/4	379.20	3/4	567.70	3/4	757.01	3/4	948.52	3/4	1,140.03	3/4	1,331.54	3/4	1,523.05	3/4	1,714.56
3	12.33	3	191.69	3	383.19	3	571.55	3	761.00	3	952.51	3	1,144.02	3	1,335.53	3	1,527.04	3	1,718.55
1/4	14.66	1/4	195.68	1/4	387.18	1/4	575.41	1/4	764.99	1/4	956.50	1/4	1,148.01	1/4	1,339.52	1/4	1,531.03	1/4	1,722.54
1/2	16.99	1/2	199.67	1/2	391.17	1/2	579.26	1/2	768.98	1/2	960.49	1/2	1,152.00	1/2	1,343.51	1/2	1,535.02	1/2	1,726.53
3/4	19.32	3/4	203.66	3/4	395.16	3/4	583.12	3/4	772.97	3/4	964.48	3/4	1,155.99	3/4	1,347.50	3/4	1,539.01	3/4	1,730.52
4	21.64	4	207.65	4	399.15	4	586.97	4	776.95	4	968.47	4	1,159.98	4	1,351.49	4	1,543.00	4	1,734.51
1/4	24.63	1/4	211.64	1/4	403.14	1/4	590.83	1/4	780.94	1/4	972.46	1/4	1,163.97	1/4	1,355.48	1/4	1,546.99	1/4	1,738.50
1/2	27.63	1/2	215.63	1/2	407.13	1/2	594.68	1/2	784.93	1/2	976.44	1/2	1,167.96	1/2	1,359.47	1/2	1,550.98	1/2	1,742.49
3/4	30.62	3/4	219.62	3/4	411.12	3/4	598.54	3/4	788.92	3/4	980.43	3/4	1,171.95	3/4	1,363.46	3/4	1,554.97	3/4	1,746.48
5	33.61	5	223.61	5	415.11	5	602.39	5	792.91	5	984.42	5	1,175.94	5	1,367.45	5	1,558.96	5	1,750.47
1/4	37.27	1/4	227.60	1/4	419.10	1/4	606.25	1/4	796.90	1/4	988.41	1/4	1,179.92	1/4	1,371.44	1/4	1,562.95	1/4	1,754.46
1/2	40.92	1/2	231.59	1/2	423.09	1/2	610.10	1/2	800.89	1/2	992.40	1/2	1,183.91	1/2	1,375.43	1/2	1,566.94	1/2	1,758.45
3/4	44.57	3/4	235.58	3/4	427.08	3/4	613.96	3/4	804.88	3/4	996.39	3/4	1,187.90	3/4	1,379.41	3/4	1,570.93	3/4	1,762.44
6	48.23	6	239.57	6	431.07	6	617.81	6	808.87	6	1,000.38	6	1,191.89	6	1,383.40	6	1,574.92	6	1,766.43
1/4	52.19	1/4	243.56	1/4	435.06	1/4	621.69	1/4	812.86	1/4	1,004.37	1/4	1,195.88	1/4	1,387.39	1/4	1,578.90	1/4	1,770.42
1/2	56.15	1/2	247.55	1/2	439.05	1/2	625.57	1/2	816.85	1/2	1,008.36	1/2	1,199.87	1/2	1,391.38	1/2	1,582.89	1/2	1,774.41
3/4	60.10	3/4	251.53	3/4	443.04	3/4	629.44	3/4	820.84	3/4	1,012.35	3/4	1,203.86	3/4	1,395.37	3/4	1,586.88	3/4	1,778.39
7	64.06	7	255.52	7	447.03	7	633.32	7	824.83	7	1,016.34	7	1,207.85	7	1,399.36	7	1,590.87	7	1,782.38
1/4	68.04	1/4	259.51	1/4	451.01	1/4	637.31	1/4	828.82	1/4	1,020.33	1/4	1,211.84	1/4	1,403.35	1/4	1,594.86	1/4	1,786.37
1/2	72.02	1/2	263.50	1/2	455.00	1/2	641.30	1/2	832.81	1/2	1,024.32	1/2	1,215.83	1/2	1,407.34	1/2	1,598.85	1/2	1,790.36
3/4	76.01	3/4	267.49	3/4	458.99	3/4	645.29	3/4	836.80	3/4	1,028.31	3/4	1,219.82	3/4	1,411.33	3/4	1,602.84	3/4	1,794.35
8	79.99	8	271.48	8	462.98	8	649.28	8	840.79	8	1,032.30	8	1,223.81	8	1,415.32	8	1,606.83	8	1,798.34
1/4	83.97	1/4	275.47	1/4	466.97	1/4	653.27	1/4	844.78	1/4	1,036.29	1/4	1,227.80	1/4	1,419.31	1/4	1,610.82	1/4	1,802.33
1/2	87.96	1/2	279.46	1/2	470.96	1/2	657.26	1/2	848.77	1/2	1,040.28	1/2	1,231.79	1/2	1,423.30	1/2	1,614.81	1/2	1,806.32
3/4	91.95	3/4	283.45	3/4	474.95	3/4	661.25	3/4	852.76	3/4	1,044.27	3/4	1,235.78	3/4	1,427.29	3/4	1,618.80	3/4	1,810.31
9	95.94	9	287.44	9	478.94	9	665.24	9	856.75	9	1,048.26	9	1,239.77	9	1,431.28	9	1,622.79	9	1,814.30
1/4	99.93	1/4	291.43	1/4	482.82	1/4	669.23	1/4	860.74	1/4	1,052.25	1/4	1,243.76	1/4	1,435.27	1/4	1,626.78	1/4	1,818.29
1/2	103.92	1/2	295.42	1/2	486.70	1/2	673.22	1/2	864.73	1/2	1,056.24	1/2	1,247.75	1/2	1,439.26	1/2	1,630.77	1/2	1,822.28
3/4	107.91	3/4	299.41	3/4	490.57	3/4	677.21	3/4	868.72	3/4	1,060.23	3/4	1,251.74	3/4	1,443.25	3/4	1,634.76	3/4	1,826.27
10	111.90	10	303.40	10	494.45	10	681.20	10	872.71	10	1,064.22	10	1,255.73	10	1,447.24	10	1,638.75	10	1,830.26
1/4	115.89	1/4	307.39	1/4	498.31	1/4	685.19	1/4	876.70	1/4	1,068.21	1/4	1,259.72	1/4	1,451.23	1/4	1,642.74	1/4	1,834.25
1/2	119.88	1/2	311.38	1/2	502.16	1/2	689.18	1/2	880.69	1/2	1,072.20	1/2	1,263.71	1/2	1,455.22	1/2	1,646.73	1/2	1,838.24
3/4	123.87	3/4	315.37	3/4	506.02	3/4	693.17	3/4	884.68	3/4	1,076.19	3/4	1,267.70	3/4	1,459.21	3/4	1,650.72	3/4	1,842.23
11	127.86	11	319.36	11	509.87	11	697.16	11	888.67	11	1,080.18	11	1,271.69	11	1,463.20	11	1,654.71	11	1,846.22
1/4	131.85	1/4	323.35	1/4	513.73	1/4	701.15	1/4	892.66	1/4	1,084.17	1/4	1,275.68	1/4	1,467.19	1/4	1,658.70	1/4	1,850.21
1/2	135.84	1/2	327.34	1/2	517.58	1/2	705.14	1/2	896.65	1/2	1,088.16	1/2	1,279.67	1/2	1,471.18	1/2	1,662.69	1/2	1,854.20
3/4	139.83	3/4	331.33	3/4	521.44	3/4	709.13	3/4	900.64	3/4	1,092.15	3/4	1,283.66	3/4	1,475.17	3/4	1,666.68	3/4	1,858.19

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 252"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,862.18	0	2,053.69	0	2,245.20	0	2,436.71	0	2,628.22	0	2,819.73	0	3,011.24	0	3,202.73	0		0	
1/4	1,866.17	1/4	2,057.68	1/4	2,249.19	1/4	2,440.70	1/4	2,632.21	1/4	2,823.72	1/4	3,015.23	1/4	3,206.32	1/4		1/4	
1/2	1,870.16	1/2	2,061.67	1/2	2,253.18	1/2	2,444.69	1/2	2,636.20	1/2	2,827.71	1/2	3,019.22	1/2	3,209.91	1/2		1/2	
3/4	1,874.15	3/4	2,065.66	3/4	2,257.17	3/4	2,448.68	3/4	2,640.19	3/4	2,831.70	3/4	3,023.21	3/4	3,213.50	3/4		3/4	
1	1,878.14	1	2,069.65	1	2,261.16	1	2,452.67	1	2,644.18	1	2,835.69	1	3,027.20	1	3,217.09	1		1	
1/4	1,882.13	1/4	2,073.64	1/4	2,265.15	1/4	2,456.66	1/4	2,648.17	1/4	2,839.68	1/4	3,031.19	1/4	3,219.88	1/4		1/4	
1/2	1,886.12	1/2	2,077.63	1/2	2,269.14	1/2	2,460.65	1/2	2,652.16	1/2	2,843.67	1/2	3,035.18	1/2	3,222.67	1/2		1/2	
3/4	1,890.11	3/4	2,081.62	3/4	2,273.13	3/4	2,464.64	3/4	2,656.15	3/4	2,847.66	3/4	3,039.17	3/4	3,225.47	3/4		3/4	
2	1,894.10	2	2,085.61	2	2,277.12	2	2,468.63	2	2,660.14	2	2,851.65	2	3,043.16	2	3,228.26	2		2	
1/4	1,898.09	1/4	2,089.60	1/4	2,281.11	1/4	2,472.62	1/4	2,664.13	1/4	2,855.64	1/4	3,047.15	1/4	3,230.26	1/4		1/4	
1/2	1,902.08	1/2	2,093.59	1/2	2,285.10	1/2	2,476.61	1/2	2,668.12	1/2	2,859.63	1/2	3,051.14	1/2	3,232.25	1/2		1/2	
3/4	1,906.07	3/4	2,097.58	3/4	2,289.09	3/4	2,480.60	3/4	2,672.11	3/4	2,863.62	3/4	3,055.13	3/4	3,234.25	3/4		3/4	
3	1,910.06	3	2,101.57	3	2,293.08	3	2,484.59	3	2,676.10	3	2,867.61	3	3,059.12	3	3,236.24	3		3	
1/4	1,914.05	1/4	2,105.56	1/4	2,297.07	1/4	2,488.58	1/4	2,680.09	1/4	2,871.60	1/4	3,063.11	1/4	3,237.44	1/4		1/4	
1/2	1,918.04	1/2	2,109.55	1/2	2,301.06	1/2	2,492.57	1/2	2,684.08	1/2	2,875.59	1/2	3,067.10	1/2	3,238.63	1/2		1/2	
3/4	1,922.03	3/4	2,113.54	3/4	2,305.05	3/4	2,496.56	3/4	2,688.07	3/4	2,879.58	3/4	3,071.09	3/4	3,239.83	3/4		3/4	
4	1,926.02	4	2,117.53	4	2,309.04	4	2,500.55	4	2,692.06	4	2,883.57	4	3,075.08	4	3,241.03	4		4	
1/4	1,930.01	1/4	2,121.52	1/4	2,313.03	1/4	2,504.54	1/4	2,696.05	1/4	2,887.56	1/4	3,079.07	1/4	3,241.43	1/4		1/4	
1/2	1,934.00	1/2	2,125.51	1/2	2,317.02	1/2	2,508.53	1/2	2,700.04	1/2	2,891.55	1/2	3,083.06	1/2	3,241.83	1/2		1/2	
3/4	1,937.99	3/4	2,129.50	3/4	2,321.01	3/4	2,512.52	3/4	2,704.03	3/4	2,895.54	3/4	3,087.05	3/4	3,242.22	3/4		3/4	
5	1,941.98	5	2,133.49	5	2,325.00	5	2,516.51	5	2,708.02	5	2,899.53	5	3,091.04	5	3,242.62	5		5	
1/4	1,945.97	1/4	2,137.48	1/4	2,328.99	1/4	2,520.50	1/4	2,712.01	1/4	2,903.52	1/4	3,095.03	1/4		1/4		1/4	
1/2	1,949.96	1/2	2,141.47	1/2	2,332.98	1/2	2,524.49	1/2	2,716.00	1/2	2,907.51	1/2	3,099.02	1/2		1/2		1/2	
3/4	1,953.95	3/4	2,145.46	3/4	2,336.97	3/4	2,528.48	3/4	2,719.99	3/4	2,911.50	3/4	3,103.01	3/4		3/4		3/4	
6	1,957.94	6	2,149.45	6	2,340.96	6	2,532.47	6	2,723.98	6	2,915.49	6	3,107.00	6		6		6	
1/4	1,961.93	1/4	2,153.44	1/4	2,344.95	1/4	2,536.46	1/4	2,727.97	1/4	2,919.48	1/4	3,110.99	1/4		1/4		1/4	
1/2	1,965.92	1/2	2,157.43	1/2	2,348.94	1/2	2,540.45	1/2	2,731.96	1/2	2,923.47	1/2	3,114.98	1/2		1/2		1/2	
3/4	1,969.91	3/4	2,161.42	3/4	2,352.93	3/4	2,544.44	3/4	2,735.95	3/4	2,927.46	3/4	3,118.97	3/4		3/4		3/4	
7	1,973.90	7	2,165.41	7	2,356.92	7	2,548.43	7	2,739.94	7	2,931.45	7	3,122.96	7		7		7	
1/4	1,977.88	1/4	2,169.40	1/4	2,360.91	1/4	2,552.42	1/4	2,743.93	1/4	2,935.44	1/4	3,126.95	1/4		1/4		1/4	
1/2	1,981.87	1/2	2,173.39	1/2	2,364.90	1/2	2,556.41	1/2	2,747.92	1/2	2,939.43	1/2	3,130.94	1/2		1/2		1/2	
3/4	1,985.86	3/4	2,177.37	3/4	2,368.89	3/4	2,560.40	3/4	2,751.91	3/4	2,943.42	3/4	3,134.93	3/4		3/4		3/4	
8	1,989.85	8	2,181.36	8	2,372.88	8	2,564.39	8	2,755.90	8	2,947.41	8	3,138.92	8		8		8	
1/4	1,993.84	1/4	2,185.35	1/4	2,376.86	1/4	2,568.38	1/4	2,759.89	1/4	2,951.40	1/4	3,142.91	1/4		1/4		1/4	
1/2	1,997.83	1/2	2,189.34	1/2	2,380.85	1/2	2,572.36	1/2	2,763.88	1/2	2,955.39	1/2	3,146.90	1/2		1/2		1/2	
3/4	2,001.82	3/4	2,193.33	3/4	2,384.84	3/4	2,576.35	3/4	2,767.87	3/4	2,959.38	3/4	3,150.89	3/4		3/4		3/4	
9	2,005.81	9	2,197.32	9	2,388.83	9	2,580.34	9	2,771.85	9	2,963.37	9	3,154.88	9		9		9	
1/4	2,009.80	1/4	2,201.31	1/4	2,392.82	1/4	2,584.33	1/4	2,775.84	1/4	2,967.36	1/4	3,158.87	1/4		1/4		1/4	
1/2	2,013.79	1/2	2,205.30	1/2	2,396.81	1/2	2,588.32	1/2	2,779.83	1/2	2,971.34	1/2	3,162.86	1/2		1/2		1/2	
3/4	2,017.78	3/4	2,209.29	3/4	2,400.80	3/4	2,592.31	3/4	2,783.82	3/4	2,975.33	3/4	3,166.85	3/4		3/4		3/4	
10	2,021.77	10	2,213.28	10	2,404.79	10	2,596.30	10	2,787.81	10	2,979.32	10	3,170.83	10		10		10	
1/4	2,025.76	1/4	2,217.27	1/4	2,408.78	1/4	2,600.29	1/4	2,791.80	1/4	2,983.31	1/4	3,174.82	1/4		1/4		1/4	
1/2	2,029.75	1/2	2,221.26	1/2	2,412.77	1/2	2,604.28	1/2	2,795.79	1/2	2,987.30	1/2	3,178.81	1/2		1/2		1/2	
3/4	2,033.74	3/4	2,225.25	3/4	2,416.76	3/4	2,608.27	3/4	2,799.78	3/4	2,991.29	3/4	3,182.80	3/4		3/4		3/4	
11	2,037.73	11	2,229.24	11	2,420.75	11	2,612.26	11	2,803.77	11	2,995.28	11	3,186.79	11		11		11	
1/4	2,041.72	1/4	2,233.23	1/4	2,424.74	1/4	2,616.25	1/4	2,807.76	1/4	2,999.27	1/4	3,190.78	1/4		1/4		1/4	
1/2	2,045.71	1/2	2,237.22	1/2	2,428.73	1/2	2,620.24	1/2	2,811.75	1/2	3,003.26	1/2	3,194.76	1/2		1/2		1/2	
3/4	2,049.70	3/4	2,241.21	3/4	2,432.72	3/4	2,624.23	3/4	2,815.74	3/4	3,007.25	3/4	3,198.74	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
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BARGE "DBL 252"

4 CENTER INNAGE 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	0.37	0	157.96	0	368.33	0	578.13	0	787.03	0	997.42	0	1,207.81	0	1,418.20	0	1,628.59	0	1,838.97
1/4	0.73	1/4	162.34	1/4	372.71	1/4	582.45	1/4	791.41	1/4	1,001.80	1/4	1,212.19	1/4	1,422.58	1/4	1,632.97	1/4	1,843.36
1/2	1.10	1/2	166.72	1/2	377.09	1/2	586.78	1/2	795.80	1/2	1,006.19	1/2	1,216.57	1/2	1,426.96	1/2	1,637.35	1/2	1,847.74
3/4	1.46	3/4	171.10	3/4	381.48	3/4	591.11	3/4	800.18	3/4	1,010.57	3/4	1,220.96	3/4	1,431.35	3/4	1,641.73	3/4	1,852.12
1	1.83	1	175.49	1	385.86	1	595.43	1	804.56	1	1,014.95	1	1,225.34	1	1,435.73	1	1,645.12	1	1,856.51
1/4	2.92	1/4	179.87	1/4	390.24	1/4	599.76	1/4	808.95	1/4	1,019.33	1/4	1,229.72	1/4	1,440.11	1/4	1,650.50	1/4	1,860.89
1/2	4.02	1/2	184.25	1/2	394.63	1/2	604.09	1/2	813.33	1/2	1,023.72	1/2	1,234.11	1/2	1,444.50	1/2	1,654.88	1/2	1,865.27
3/4	5.11	3/4	188.63	3/4	399.01	3/4	608.41	3/4	817.71	3/4	1,028.10	3/4	1,238.49	3/4	1,448.88	3/4	1,659.27	3/4	1,869.66
2	6.21	2	193.02	2	403.39	2	612.74	2	822.10	2	1,032.48	2	1,242.87	2	1,453.26	2	1,663.65	2	1,874.04
1/4	8.04	1/4	197.40	1/4	407.77	1/4	617.07	1/4	826.48	1/4	1,036.87	1/4	1,247.26	1/4	1,457.64	1/4	1,668.03	1/4	1,878.42
1/2	9.86	1/2	201.78	1/2	412.16	1/2	621.40	1/2	830.86	1/2	1,041.25	1/2	1,251.64	1/2	1,462.03	1/2	1,672.42	1/2	1,882.81
3/4	11.69	3/4	206.17	3/4	416.54	3/4	625.72	3/4	835.24	3/4	1,045.63	3/4	1,256.02	3/4	1,466.41	3/4	1,676.80	3/4	1,887.19
3	13.51	3	210.55	3	420.92	3	630.05	3	839.63	3	1,050.02	3	1,260.41	3	1,470.79	3	1,681.18	3	1,891.57
1/4	16.07	1/4	214.93	1/4	425.31	1/4	634.38	1/4	844.01	1/4	1,054.40	1/4	1,264.79	1/4	1,475.18	1/4	1,685.57	1/4	1,895.95
1/2	18.63	1/2	219.31	1/2	429.69	1/2	638.70	1/2	848.39	1/2	1,058.78	1/2	1,269.17	1/2	1,479.56	1/2	1,689.95	1/2	1,900.34
3/4	21.18	3/4	223.70	3/4	434.07	3/4	643.03	3/4	852.78	3/4	1,063.17	3/4	1,273.55	3/4	1,483.94	3/4	1,694.33	3/4	1,904.72
4	23.74	4	228.08	4	438.45	4	647.36	4	857.16	4	1,067.55	4	1,277.94	4	1,488.33	4	1,698.72	4	1,909.10
1/4	27.03	1/4	232.46	1/4	442.84	1/4	651.68	1/4	861.54	1/4	1,071.93	1/4	1,282.32	1/4	1,492.71	1/4	1,703.10	1/4	1,913.49
1/2	30.31	1/2	236.85	1/2	447.22	1/2	656.01	1/2	865.93	1/2	1,076.31	1/2	1,286.70	1/2	1,497.09	1/2	1,707.48	1/2	1,917.87
3/4	33.60	3/4	241.23	3/4	451.60	3/4	660.34	3/4	870.31	3/4	1,080.70	3/4	1,291.09	3/4	1,501.48	3/4	1,711.86	3/4	1,922.25
5	36.89	5	245.61	5	455.99	5	664.66	5	874.69	5	1,085.08	5	1,295.47	5	1,505.86	5	1,716.25	5	1,926.64
1/4	40.90	1/4	249.99	1/4	460.37	1/4	668.99	1/4	879.08	1/4	1,089.46	1/4	1,299.85	1/4	1,510.24	1/4	1,720.63	1/4	1,931.02
1/2	44.92	1/2	254.38	1/2	464.75	1/2	673.32	1/2	883.46	1/2	1,093.85	1/2	1,304.24	1/2	1,514.62	1/2	1,725.01	1/2	1,935.40
3/4	48.93	3/4	258.76	3/4	469.13	3/4	677.65	3/4	887.84	3/4	1,098.23	3/4	1,308.62	3/4	1,519.01	3/4	1,729.40	3/4	1,939.79
6	52.95	6	263.14	6	473.52	6	681.97	6	892.22	6	1,102.61	6	1,313.00	6	1,523.39	6	1,733.78	6	1,944.17
1/4	57.30	1/4	267.53	1/4	477.90	1/4	686.32	1/4	896.61	1/4	1,107.00	1/4	1,317.39	1/4	1,527.77	1/4	1,738.16	1/4	1,948.55
1/2	61.64	1/2	271.91	1/2	482.28	1/2	690.67	1/2	900.99	1/2	1,111.38	1/2	1,321.77	1/2	1,532.16	1/2	1,742.55	1/2	1,952.93
3/4	65.99	3/4	276.29	3/4	486.66	3/4	695.02	3/4	905.37	3/4	1,115.76	3/4	1,326.15	3/4	1,536.54	3/4	1,746.93	3/4	1,957.32
7	70.34	7	280.67	7	491.05	7	699.37	7	909.76	7	1,120.15	7	1,330.53	7	1,540.92	7	1,751.31	7	1,961.70
1/4	74.71	1/4	285.06	1/4	495.43	1/4	703.75	1/4	914.14	1/4	1,124.53	1/4	1,334.92	1/4	1,545.31	1/4	1,755.70	1/4	1,966.08
1/2	79.09	1/2	289.44	1/2	499.81	1/2	708.13	1/2	918.52	1/2	1,128.91	1/2	1,339.30	1/2	1,549.69	1/2	1,760.08	1/2	1,970.47
3/4	83.46	3/4	293.82	3/4	504.20	3/4	712.52	3/4	922.91	3/4	1,133.30	3/4	1,343.68	3/4	1,554.07	3/4	1,764.46	3/4	1,974.85
8	87.83	8	298.20	8	508.58	8	716.90	8	927.29	8	1,137.68	8	1,348.07	8	1,558.46	8	1,768.84	8	1,979.23
1/4	92.22	1/4	302.59	1/4	512.96	1/4	721.28	1/4	931.67	1/4	1,142.06	1/4	1,352.45	1/4	1,562.84	1/4	1,773.23	1/4	1,983.62
1/2	96.60	1/2	306.97	1/2	517.34	1/2	725.67	1/2	936.06	1/2	1,146.44	1/2	1,356.83	1/2	1,567.22	1/2	1,777.61	1/2	1,988.00
3/4	100.98	3/4	311.35	3/4	521.73	3/4	730.05	3/4	940.44	3/4	1,150.83	3/4	1,361.22	3/4	1,571.61	3/4	1,781.99	3/4	1,992.38
9	105.36	9	315.74	9	526.11	9	734.43	9	944.82	9	1,155.21	9	1,365.60	9	1,575.99	9	1,786.38	9	1,996.77
1/4	109.74	1/4	320.12	1/4	530.46	1/4	738.82	1/4	949.20	1/4	1,159.59	1/4	1,369.98	1/4	1,580.37	1/4	1,790.76	1/4	2,001.15
1/2	114.13	1/2	324.50	1/2	534.81	1/2	743.20	1/2	953.59	1/2	1,163.98	1/2	1,374.37	1/2	1,584.75	1/2	1,795.14	1/2	2,005.53
3/4	118.51	3/4	328.88	3/4	539.16	3/4	747.58	3/4	957.97	3/4	1,168.36	3/4	1,378.75	3/4	1,589.14	3/4	1,799.53	3/4	2,009.92
10	122.89	10	333.27	10	543.51	10	751.97	10	962.35	10	1,172.74	10	1,383.13	10	1,593.52	10	1,803.91	10	2,014.30
1/4	127.28	1/4	337.65	1/4	547.84	1/4	756.35	1/4	966.74	1/4	1,177.13	1/4	1,387.51	1/4	1,597.90	1/4	1,808.29	1/4	2,018.68
1/2	131.66	1/2	342.03	1/2	552.17	1/2	760.73	1/2	971.12	1/2	1,181.51	1/2	1,391.90	1/2	1,602.29	1/2	1,812.68	1/2	2,023.06
3/4	136.04	3/4	346.42	3/4	556.49	3/4	765.11	3/4	975.50	3/4	1,185.89	3/4	1,396.28	3/4	1,606.67	3/4	1,817.06	3/4	2,027.45
11	140.42	11	350.80	11	560.82	11	769.50	11	979.89	11	1,190.28	11	1,400.66	11	1,611.05	11	1,821.44	11	2,031.83
1/4	144.81	1/4	355.18	1/4	565.15	1/4	773.88	1/4	984.27	1/4	1,194.66	1/4	1,405.05	1/4	1,615.44	1/4	1,825.82	1/4	2,036.21
1/2	149.19	1/2	359.56	1/2	569.47	1/2	778.26	1/2	988.65	1/2	1,199.04	1/2	1,409.43	1/2	1,619.82	1/2	1,830.21	1/2	2,040.60
3/4	153.57	3/4	363.95	3/4	573.80	3/4	782.65	3/4	993.04	3/4	1,203.42	3/4	1,413.81	3/4	1,624.20	3/4	1,834.59	3/4	2,044.98

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 18'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 252"

4 CENTER INNAGE 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	2,049.36	0	2,259.75	0	2,470.14	0	2,680.53	0	2,890.92	0	3,101.31	0	3,311.70	0	3,522.03	0		0	
1/4	2,053.75	1/4	2,264.13	1/4	2,474.52	1/4	2,684.91	1/4	2,895.30	1/4	3,105.69	1/4	3,316.08	1/4	3,525.98	1/4		1/4	
1/2	2,058.13	1/2	2,268.52	1/2	2,478.91	1/2	2,689.30	1/2	2,899.68	1/2	3,110.07	1/2	3,320.46	1/2	3,529.92	1/2		1/2	
3/4	2,062.51	3/4	2,272.90	3/4	2,483.29	3/4	2,693.68	3/4	2,904.07	3/4	3,114.46	3/4	3,324.85	3/4	3,533.87	3/4		3/4	
1	2,066.90	1	2,277.28	1	2,487.67	1	2,698.06	1	2,908.45	1	3,118.84	1	3,329.23	1	3,537.81	1		1	
1/4	2,071.28	1/4	2,281.67	1/4	2,492.06	1/4	2,702.44	1/4	2,912.83	1/4	3,123.22	1/4	3,333.61	1/4	3,540.88	1/4		1/4	
1/2	2,075.66	1/2	2,286.05	1/2	2,496.44	1/2	2,706.83	1/2	2,917.22	1/2	3,127.61	1/2	3,337.99	1/2	3,543.95	1/2		1/2	
3/4	2,080.04	3/4	2,290.43	3/4	2,500.82	3/4	2,711.21	3/4	2,921.60	3/4	3,131.99	3/4	3,342.38	3/4	3,547.01	3/4		3/4	
2	2,084.43	2	2,294.82	2	2,505.21	2	2,715.59	2	2,925.98	2	3,136.37	2	3,346.76	2	3,550.08	2		2	
1/4	2,088.81	1/4	2,299.20	1/4	2,509.59	1/4	2,719.98	1/4	2,930.37	1/4	3,140.75	1/4	3,351.14	1/4	3,552.27	1/4		1/4	
1/2	2,093.19	1/2	2,303.58	1/2	2,513.97	1/2	2,724.36	1/2	2,934.75	1/2	3,145.14	1/2	3,355.53	1/2	3,554.47	1/2		1/2	
3/4	2,097.58	3/4	2,307.97	3/4	2,518.35	3/4	2,728.74	3/4	2,939.13	3/4	3,149.52	3/4	3,359.91	3/4	3,556.66	3/4		3/4	
3	2,101.96	3	2,312.35	3	2,522.74	3	2,733.13	3	2,943.52	3	3,153.90	3	3,364.29	3	3,558.85	3		3	
1/4	2,106.34	1/4	2,316.73	1/4	2,527.12	1/4	2,737.51	1/4	2,947.90	1/4	3,158.29	1/4	3,368.68	1/4	3,560.16	1/4		1/4	
1/2	2,110.73	1/2	2,321.12	1/2	2,531.50	1/2	2,741.89	1/2	2,952.28	1/2	3,162.67	1/2	3,373.06	1/2	3,561.48	1/2		1/2	
3/4	2,115.11	3/4	2,325.50	3/4	2,535.89	3/4	2,746.28	3/4	2,956.66	3/4	3,167.05	3/4	3,377.44	3/4	3,562.79	3/4		3/4	
4	2,119.49	4	2,329.88	4	2,540.27	4	2,750.66	4	2,961.05	4	3,171.44	4	3,381.83	4	3,564.11	4		4	
1/4	2,123.88	1/4	2,334.26	1/4	2,544.65	1/4	2,755.04	1/4	2,965.43	1/4	3,175.82	1/4	3,386.21	1/4	3,564.55	1/4		1/4	
1/2	2,128.26	1/2	2,338.65	1/2	2,549.04	1/2	2,759.43	1/2	2,969.81	1/2	3,180.20	1/2	3,390.59	1/2	3,564.98	1/2		1/2	
3/4	2,132.64	3/4	2,343.03	3/4	2,553.42	3/4	2,763.81	3/4	2,974.20	3/4	3,184.59	3/4	3,394.97	3/4	3,565.42	3/4		3/4	
5	2,137.03	5	2,347.41	5	2,557.80	5	2,768.19	5	2,978.58	5	3,188.97	5	3,399.36	5	3,565.86	5		5	
1/4	2,141.41	1/4	2,351.80	1/4	2,562.19	1/4	2,772.57	1/4	2,982.96	1/4	3,193.35	1/4	3,403.74	1/4		1/4		1/4	
1/2	2,145.79	1/2	2,356.18	1/2	2,566.57	1/2	2,776.96	1/2	2,987.35	1/2	3,197.74	1/2	3,408.12	1/2		1/2		1/2	
3/4	2,150.17	3/4	2,360.56	3/4	2,570.95	3/4	2,781.34	3/4	2,991.73	3/4	3,202.12	3/4	3,412.51	3/4		3/4		3/4	
6	2,154.56	6	2,364.95	6	2,575.34	6	2,785.72	6	2,996.11	6	3,206.50	6	3,416.89	6		6		6	
1/4	2,158.94	1/4	2,369.33	1/4	2,579.72	1/4	2,790.11	1/4	3,000.50	1/4	3,210.88	1/4	3,421.27	1/4		1/4		1/4	
1/2	2,163.32	1/2	2,373.71	1/2	2,584.10	1/2	2,794.49	1/2	3,004.88	1/2	3,215.27	1/2	3,425.66	1/2		1/2		1/2	
3/4	2,167.71	3/4	2,378.10	3/4	2,588.48	3/4	2,798.87	3/4	3,009.26	3/4	3,219.65	3/4	3,430.04	3/4		3/4		3/4	
7	2,172.09	7	2,382.48	7	2,592.87	7	2,803.26	7	3,013.65	7	3,224.03	7	3,434.42	7		7		7	
1/4	2,176.47	1/4	2,386.86	1/4	2,597.25	1/4	2,807.64	1/4	3,018.03	1/4	3,228.42	1/4	3,438.81	1/4		1/4		1/4	
1/2	2,180.86	1/2	2,391.24	1/2	2,601.63	1/2	2,812.02	1/2	3,022.41	1/2	3,232.80	1/2	3,443.19	1/2		1/2		1/2	
3/4	2,185.24	3/4	2,395.63	3/4	2,606.02	3/4	2,816.41	3/4	3,026.79	3/4	3,237.18	3/4	3,447.57	3/4		3/4		3/4	
8	2,189.62	8	2,400.01	8	2,610.40	8	2,820.79	8	3,031.18	8	3,241.57	8	3,451.96	8		8		8	
1/4	2,194.01	1/4	2,404.39	1/4	2,614.78	1/4	2,825.17	1/4	3,035.56	1/4	3,245.95	1/4	3,456.34	1/4		1/4		1/4	
1/2	2,198.39	1/2	2,408.78	1/2	2,619.17	1/2	2,829.55	1/2	3,039.94	1/2	3,250.33	1/2	3,460.72	1/2		1/2		1/2	
3/4	2,202.77	3/4	2,413.16	3/4	2,623.55	3/4	2,833.94	3/4	3,044.33	3/4	3,254.72	3/4	3,465.10	3/4		3/4		3/4	
9	2,207.15	9	2,417.54	9	2,627.93	9	2,838.32	9	3,048.71	9	3,259.10	9	3,469.49	9		9		9	
1/4	2,211.54	1/4	2,421.93	1/4	2,632.32	1/4	2,842.70	1/4	3,053.09	1/4	3,263.48	1/4	3,473.87	1/4		1/4		1/4	
1/2	2,215.92	1/2	2,426.31	1/2	2,636.70	1/2	2,847.09	1/2	3,057.48	1/2	3,267.86	1/2	3,478.25	1/2		1/2		1/2	
3/4	2,220.30	3/4	2,430.69	3/4	2,641.08	3/4	2,851.47	3/4	3,061.86	3/4	3,272.25	3/4	3,482.64	3/4		3/4		3/4	
10	2,224.69	10	2,435.08	10	2,645.46	10	2,855.85	10	3,066.24	10	3,276.63	10	3,487.02	10		10		10	
1/4	2,229.07	1/4	2,439.46	1/4	2,649.85	1/4	2,860.24	1/4	3,070.63	1/4	3,281.01	1/4	3,491.40	1/4		1/4		1/4	
1/2	2,233.45	1/2	2,443.84	1/2	2,654.23	1/2	2,864.62	1/2	3,075.01	1/2	3,285.40	1/2	3,495.79	1/2		1/2		1/2	
3/4	2,237.84	3/4	2,448.23	3/4	2,658.61	3/4	2,869.00	3/4	3,079.39	3/4	3,289.78	3/4	3,500.17	3/4		3/4		3/4	
11	2,242.22	11	2,452.61	11	2,663.00	11	2,873.39	11	3,083.77	11	3,294.16	11	3,504.55	11		11		11	
1/4	2,246.60	1/4	2,456.99	1/4	2,667.38	1/4	2,877.77	1/4	3,088.16	1/4	3,298.55	1/4	3,508.92	1/4		1/4		1/4	
1/2	2,250.99	1/2	2,461.37	1/2	2,671.76	1/2	2,882.15	1/2	3,092.54	1/2	3,302.93	1/2	3,513.29	1/2		1/2		1/2	
3/4	2,255.37	3/4	2,465.76	3/4	2,676.15	3/4	2,886.54	3/4	3,096.92	3/4	3,307.31	3/4	3,517.66	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

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