



BARGE: DBL 137

INNAGE TRIM TABLE 8" HATCH

	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	00-7/8	- 00-7/8	01-3/4	- 01-3/4	02-5/8	- 02-5/8	03-1/2	- 03-1/2	04-3/8	- 04-3/8	05-1/4	- 05-1/4
2 CENTER	01-0/8	- 01-0/8	02-0/8	- 02-0/8	02-7/8	- 02-7/8	03-7/8	- 03-7/8	04-7/8	- 04-7/8	05-7/8	- 05-7/8
3 CENTER	00-3/4	- 00-3/4	01-3/8	- 01-3/8	02-1/8	- 02-1/8	02-3/4	- 02-3/4	03-1/2	- 03-1/2	04-1/8	- 04-1/8

(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)

LENGTH BETWEEN DRAFT MARKS: 163'-09"

September 12, 2019

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 01-3/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-10 1/4"



BARGE "DBL 137"

1 CENTER INNAGE TABLE

8" HATCH GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4.06	0	220.69	0	468.55	0	713.03	0	957.22	0	1,204.33	0	1,451.43	0	1,698.44	0	1,944.95	0	2,192.12
1/4	4.92	1/4	225.86	1/4	473.71	1/4	718.02	1/4	962.36	1/4	1,209.47	1/4	1,456.58	1/4	1,703.57	1/4	1,950.09	1/4	2,197.27
1/2	5.78	1/2	231.02	1/2	478.88	1/2	723.01	1/2	967.51	1/2	1,214.62	1/2	1,461.73	1/2	1,708.71	1/2	1,955.24	1/2	2,202.42
3/4	6.64	3/4	236.18	3/4	484.04	3/4	728.00	3/4	972.66	3/4	1,219.77	3/4	1,466.88	3/4	1,713.84	3/4	1,960.39	3/4	2,207.57
1	7.50	1	241.35	1	489.20	1	733.00	1	977.81	1	1,224.92	1	1,472.03	1	1,718.97	1	1,965.54	1	2,212.72
1/4	10.08	1/4	246.51	1/4	494.37	1/4	737.99	1/4	982.96	1/4	1,230.07	1/4	1,477.17	1/4	1,724.10	1/4	1,970.69	1/4	2,217.87
1/2	12.66	1/2	251.67	1/2	499.53	1/2	742.98	1/2	988.10	1/2	1,235.21	1/2	1,482.32	1/2	1,729.24	1/2	1,975.84	1/2	2,223.02
3/4	15.25	3/4	256.84	3/4	504.70	3/4	747.97	3/4	993.25	3/4	1,240.36	3/4	1,487.47	3/4	1,734.37	3/4	1,980.99	3/4	2,228.17
2	17.83	2	262.00	2	509.86	2	752.97	2	998.40	2	1,245.51	2	1,492.62	2	1,739.50	2	1,986.14	2	2,233.32
1/4	22.13	1/4	267.16	1/4	515.02	1/4	757.96	1/4	1,003.55	1/4	1,250.66	1/4	1,497.76	1/4	1,744.64	1/4	1,991.29	1/4	2,238.47
1/2	26.43	1/2	272.33	1/2	520.19	1/2	762.95	1/2	1,008.70	1/2	1,255.81	1/2	1,502.91	1/2	1,749.77	1/2	1,996.44	1/2	2,243.62
3/4	30.73	3/4	277.49	3/4	525.35	3/4	767.94	3/4	1,013.85	3/4	1,260.95	3/4	1,508.05	3/4	1,754.90	3/4	2,001.59	3/4	2,248.77
3	35.03	3	282.66	3	530.51	3	772.94	3	1,018.99	3	1,266.10	3	1,513.20	3	1,760.03	3	2,006.74	3	2,253.92
1/4	40.15	1/4	287.82	1/4	535.68	1/4	777.95	1/4	1,024.14	1/4	1,271.25	1/4	1,518.34	1/4	1,765.17	1/4	2,011.89	1/4	2,259.06
1/2	45.27	1/2	292.98	1/2	540.84	1/2	782.97	1/2	1,029.29	1/2	1,276.40	1/2	1,523.49	1/2	1,770.30	1/2	2,017.04	1/2	2,264.21
3/4	50.39	3/4	298.15	3/4	546.00	3/4	787.98	3/4	1,034.44	3/4	1,281.55	3/4	1,528.63	3/4	1,775.43	3/4	2,022.19	3/4	2,269.36
4	55.51	4	303.31	4	551.17	4	793.00	4	1,039.59	4	1,286.69	4	1,533.78	4	1,780.56	4	2,027.34	4	2,274.51
1/4	60.66	1/4	308.47	1/4	556.33	1/4	798.01	1/4	1,044.73	1/4	1,291.84	1/4	1,538.92	1/4	1,785.70	1/4	2,032.49	1/4	2,279.66
1/2	65.81	1/2	313.64	1/2	561.50	1/2	803.03	1/2	1,049.88	1/2	1,296.99	1/2	1,544.06	1/2	1,790.83	1/2	2,037.64	1/2	2,284.81
3/4	70.96	3/4	318.80	3/4	566.66	3/4	808.05	3/4	1,055.03	3/4	1,302.14	3/4	1,549.21	3/4	1,795.96	3/4	2,042.79	3/4	2,289.96
5	76.11	5	323.97	5	571.82	5	813.07	5	1,060.18	5	1,307.29	5	1,554.35	5	1,801.10	5	2,047.94	5	2,295.11
1/4	81.27	1/4	329.13	1/4	576.98	1/4	818.22	1/4	1,065.33	1/4	1,312.44	1/4	1,559.50	1/4	1,806.23	1/4	2,053.08	1/4	2,300.26
1/2	86.43	1/2	334.29	1/2	582.13	1/2	823.37	1/2	1,070.47	1/2	1,317.58	1/2	1,564.64	1/2	1,811.36	1/2	2,058.23	1/2	2,305.41
3/4	91.60	3/4	339.46	3/4	587.29	3/4	828.51	3/4	1,075.62	3/4	1,322.73	3/4	1,569.79	3/4	1,816.49	3/4	2,063.38	3/4	2,310.56
6	96.76	6	344.62	6	592.45	6	833.66	6	1,080.77	6	1,327.88	6	1,574.93	6	1,821.63	6	2,068.53	6	2,315.71
1/4	101.92	1/4	349.78	1/4	597.60	1/4	838.81	1/4	1,085.92	1/4	1,333.03	1/4	1,580.08	1/4	1,826.76	1/4	2,073.68	1/4	2,320.86
1/2	107.09	1/2	354.95	1/2	602.76	1/2	843.96	1/2	1,091.07	1/2	1,338.18	1/2	1,585.22	1/2	1,831.89	1/2	2,078.83	1/2	2,326.01
3/4	112.25	3/4	360.11	3/4	607.91	3/4	849.11	3/4	1,096.22	3/4	1,343.32	3/4	1,590.37	3/4	1,837.02	3/4	2,083.98	3/4	2,331.16
7	117.41	7	365.28	7	613.07	7	854.25	7	1,101.36	7	1,348.47	7	1,595.51	7	1,842.16	7	2,089.13	7	2,336.31
1/4	122.58	1/4	370.44	1/4	618.08	1/4	859.40	1/4	1,106.51	1/4	1,353.62	1/4	1,600.66	1/4	1,847.29	1/4	2,094.28	1/4	2,341.45
1/2	127.74	1/2	375.60	1/2	623.08	1/2	864.55	1/2	1,111.66	1/2	1,358.77	1/2	1,605.80	1/2	1,852.42	1/2	2,099.43	1/2	2,346.60
3/4	132.90	3/4	380.77	3/4	628.09	3/4	869.70	3/4	1,116.81	3/4	1,363.92	3/4	1,610.94	3/4	1,857.55	3/4	2,104.58	3/4	2,351.74
8	138.07	8	385.93	8	633.10	8	874.85	8	1,121.96	8	1,369.06	8	1,616.09	8	1,862.69	8	2,109.73	8	2,356.88
1/4	143.23	1/4	391.09	1/4	638.10	1/4	879.99	1/4	1,127.10	1/4	1,374.21	1/4	1,621.24	1/4	1,867.82	1/4	2,114.88	1/4	2,362.03
1/2	148.40	1/2	396.26	1/2	643.11	1/2	885.14	1/2	1,132.25	1/2	1,379.36	1/2	1,626.38	1/2	1,872.95	1/2	2,120.03	1/2	2,367.17
3/4	153.56	3/4	401.42	3/4	648.11	3/4	890.29	3/4	1,137.40	3/4	1,384.51	3/4	1,631.53	3/4	1,878.09	3/4	2,125.18	3/4	2,372.32
9	158.72	9	406.58	9	653.12	9	895.44	9	1,142.55	9	1,389.66	9	1,636.68	9	1,883.22	9	2,130.33	9	2,377.46
1/4	163.89	1/4	411.75	1/4	658.11	1/4	900.59	1/4	1,147.70	1/4	1,394.80	1/4	1,641.82	1/4	1,888.35	1/4	2,135.48	1/4	2,382.61
1/2	169.05	1/2	416.91	1/2	663.10	1/2	905.74	1/2	1,152.84	1/2	1,399.95	1/2	1,646.97	1/2	1,893.48	1/2	2,140.63	1/2	2,387.75
3/4	174.22	3/4	422.08	3/4	668.09	3/4	910.88	3/4	1,157.99	3/4	1,405.10	3/4	1,652.12	3/4	1,898.62	3/4	2,145.78	3/4	2,392.90
10	179.38	10	427.24	10	673.09	10	916.03	10	1,163.14	10	1,410.25	10	1,657.27	10	1,903.75	10	2,150.93	10	2,398.04
1/4	184.54	1/4	432.40	1/4	678.08	1/4	921.18	1/4	1,168.29	1/4	1,415.40	1/4	1,662.41	1/4	1,908.90	1/4	2,156.07	1/4	2,403.18
1/2	189.71	1/2	437.57	1/2	683.07	1/2	926.33	1/2	1,173.44	1/2	1,420.55	1/2	1,667.56	1/2	1,914.05	1/2	2,161.22	1/2	2,408.33
3/4	194.87	3/4	442.73	3/4	688.06	3/4	931.48	3/4	1,178.58	3/4	1,425.69	3/4	1,672.71	3/4	1,919.20	3/4	2,166.37	3/4	2,413.47
11	200.04	11	447.89	11	693.06	11	936.62	11	1,183.73	11	1,430.84	11	1,677.85	11	1,924.35	11	2,171.52	11	2,418.62
1/4	205.20	1/4	453.06	1/4	698.05	1/4	941.77	1/4	1,188.88	1/4	1,435.99	1/4	1,683.00	1/4	1,929.50	1/4	2,176.67	1/4	2,423.76
1/2	210.36	1/2	458.22	1/2	703.04	1/2	946.92	1/2	1,194.03	1/2	1,441.14	1/2	1,688.15	1/2	1,934.65	1/2	2,181.82	1/2	2,428.91
3/4	215.53	3/4	463.39	3/4	708.03	3/4	952.07	3/4	1,199.18	3/4	1,446.29	3/4	1,693.29	3/4	1,939.80	3/4	2,186.97	3/4	2,434.05

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 LIP OPPOSITE HINGE OF 8" HATCH.
 GAUGE POINT: (8" HATCH) LOCATED ON CENTERLINE AND 15'-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 137"

**1 CENTER
INNAGE TABLE
8" HATCH
GAUGE HEIGHT 15'-03"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,439.20	0	2,667.42	0	2,878.29	0	3,089.16	0	3,300.03	0		0		0		0		0	
1/4	2,444.34	1/4	2,671.82	1/4	2,882.68	1/4	3,093.55	1/4	3,304.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,449.48	1/2	2,676.21	1/2	2,887.08	1/2	3,097.95	1/2	3,308.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,454.63	3/4	2,680.60	3/4	2,891.47	3/4	3,102.34	3/4	3,313.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,459.77	1	2,684.99	1	2,895.86	1	3,106.73	1	3,317.60	1		1		1		1		1	
1/4	2,464.92	1/4	2,689.39	1/4	2,900.26	1/4	3,111.13	1/4	3,321.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,470.06	1/2	2,693.78	1/2	2,904.65	1/2	3,115.52	1/2	3,326.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,475.21	3/4	2,698.17	3/4	2,909.04	3/4	3,119.91	3/4	3,330.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,480.35	2	2,702.57	2	2,913.44	2	3,124.30	2	3,335.17	2		2		2		2		2	
1/4	2,485.49	1/4	2,706.96	1/4	2,917.83	1/4	3,128.70	1/4	3,339.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,490.64	1/2	2,711.35	1/2	2,922.22	1/2	3,133.09	1/2	3,343.96	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,495.78	3/4	2,715.75	3/4	2,926.62	3/4	3,137.48	3/4	3,348.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,500.93	3	2,720.14	3	2,931.01	3	3,141.88	3	3,352.76	3		3		3		3		3	
1/4	2,506.07	1/4	2,724.53	1/4	2,935.40	1/4	3,146.27	1/4	3,357.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,511.22	1/2	2,728.93	1/2	2,939.79	1/2	3,150.66	1/2	3,361.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,516.36	3/4	2,733.32	3/4	2,944.19	3/4	3,155.06	3/4	3,365.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,521.51	4	2,737.71	4	2,948.58	4	3,159.45	4	3,370.28	4		4		4		4		4	
1/4	2,526.63	1/4	2,742.11	1/4	2,952.97	1/4	3,163.84	1/4	3,374.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,531.76	1/2	2,746.50	1/2	2,957.37	1/2	3,168.24	1/2	3,378.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,536.89	3/4	2,750.89	3/4	2,961.76	3/4	3,172.63	3/4	3,383.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,542.02	5	2,755.28	5	2,966.15	5	3,177.02	5	3,387.67	5		5		5		5		5	
1/4	2,547.15	1/4	2,759.68	1/4	2,970.55	1/4	3,181.41	1/4	3,391.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,552.28	1/2	2,764.07	1/2	2,974.94	1/2	3,185.81	1/2	3,396.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,557.41	3/4	2,768.46	3/4	2,979.33	3/4	3,190.20	3/4	3,400.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,562.54	6	2,772.86	6	2,983.73	6	3,194.59	6	3,404.87	6		6		6		6		6	
1/4	2,566.90	1/4	2,777.25	1/4	2,988.12	1/4	3,198.99	1/4	3,407.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,571.26	1/2	2,781.64	1/2	2,992.51	1/2	3,203.38	1/2	3,410.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,575.61	3/4	2,786.04	3/4	2,996.90	3/4	3,207.77	3/4	3,412.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,579.97	7	2,790.43	7	3,001.30	7	3,212.17	7	3,415.20	7		7		7		7		7	
1/4	2,584.33	1/4	2,794.82	1/4	3,005.69	1/4	3,216.56	1/4	3,416.06	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,588.69	1/2	2,799.22	1/2	3,010.08	1/2	3,220.95	1/2	3,416.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,593.05	3/4	2,803.61	3/4	3,014.48	3/4	3,225.35	3/4	3,417.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,597.41	8	2,808.00	8	3,018.87	8	3,229.74	8	3,418.64	8		8		8		8		8	
1/4	2,601.77	1/4	2,812.39	1/4	3,023.26	1/4	3,234.13	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,606.13	1/2	2,816.79	1/2	3,027.66	1/2	3,238.53	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,610.48	3/4	2,821.18	3/4	3,032.05	3/4	3,242.92	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,614.84	9	2,825.57	9	3,036.44	9	3,247.31	9		9		9		9		9		9	
1/4	2,619.20	1/4	2,829.97	1/4	3,040.84	1/4	3,251.70	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,623.56	1/2	2,834.36	1/2	3,045.23	1/2	3,256.10	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,627.92	3/4	2,838.75	3/4	3,049.62	3/4	3,260.49	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,632.28	10	2,843.15	10	3,054.02	10	3,264.88	10		10		10		10		10		10	
1/4	2,636.67	1/4	2,847.54	1/4	3,058.41	1/4	3,269.28	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,641.06	1/2	2,851.93	1/2	3,062.80	1/2	3,273.67	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,645.46	3/4	2,856.33	3/4	3,067.19	3/4	3,278.06	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,649.85	11	2,860.72	11	3,071.59	11	3,282.46	11		11		11		11		11		11	
1/4	2,654.24	1/4	2,865.11	1/4	3,075.98	1/4	3,286.85	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,658.64	1/2	2,869.50	1/2	3,080.37	1/2	3,291.24	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,663.03	3/4	2,873.90	3/4	3,084.77	3/4	3,295.64	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 7/10/2019 JS
RECALCULATED: 09/12/2019 SW
REPRINTED: 09/12/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "DBL 137"

2 CENTER INNAGE TABLE

8" HATCH GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0.73	0	239.99	0	513.75	0	784.10	0	1,054.46	0	1,328.23	0	1,602.01	0	1,875.78	0	2,149.55	0	2,423.33
1/4	1.68	1/4	245.69	1/4	519.46	1/4	789.64	1/4	1,060.17	1/4	1,333.94	1/4	1,607.71	1/4	1,881.48	1/4	2,155.26	1/4	2,429.03
1/2	2.63	1/2	251.40	1/2	525.16	1/2	795.17	1/2	1,065.87	1/2	1,339.64	1/2	1,613.41	1/2	1,887.19	1/2	2,160.96	1/2	2,434.73
3/4	3.58	3/4	257.10	3/4	530.86	3/4	800.70	3/4	1,071.57	3/4	1,345.35	3/4	1,619.12	3/4	1,892.89	3/4	2,166.66	3/4	2,440.44
1	4.53	1	262.80	1	536.57	1	806.23	1	1,077.28	1	1,351.05	1	1,624.82	1	1,898.59	1	2,172.37	1	2,446.14
1/4	7.38	1/4	268.51	1/4	542.27	1/4	811.76	1/4	1,082.98	1/4	1,356.75	1/4	1,630.53	1/4	1,904.30	1/4	2,178.07	1/4	2,451.84
1/2	10.23	1/2	274.21	1/2	547.97	1/2	817.30	1/2	1,088.68	1/2	1,362.46	1/2	1,636.23	1/2	1,910.00	1/2	2,183.77	1/2	2,457.55
3/4	13.08	3/4	279.91	3/4	553.68	3/4	822.83	3/4	1,094.39	3/4	1,368.16	3/4	1,641.93	3/4	1,915.71	3/4	2,189.48	3/4	2,463.25
2	15.93	2	285.62	2	559.38	2	828.36	2	1,100.09	2	1,373.86	2	1,647.64	2	1,921.41	2	2,195.18	2	2,468.95
1/4	20.68	1/4	291.32	1/4	565.08	1/4	833.89	1/4	1,105.79	1/4	1,379.57	1/4	1,653.34	1/4	1,927.11	1/4	2,200.89	1/4	2,474.66
1/2	25.43	1/2	297.02	1/2	570.79	1/2	839.42	1/2	1,111.50	1/2	1,385.27	1/2	1,659.04	1/2	1,932.82	1/2	2,206.59	1/2	2,480.36
3/4	30.18	3/4	302.73	3/4	576.49	3/4	844.96	3/4	1,117.20	3/4	1,390.97	3/4	1,664.75	3/4	1,938.52	3/4	2,212.29	3/4	2,486.07
3	34.93	3	308.43	3	582.19	3	850.49	3	1,122.90	3	1,396.68	3	1,670.45	3	1,944.22	3	2,218.00	3	2,491.77
1/4	40.58	1/4	314.13	1/4	587.90	1/4	856.02	1/4	1,128.61	1/4	1,402.38	1/4	1,676.15	1/4	1,949.93	1/4	2,223.70	1/4	2,497.47
1/2	46.24	1/2	319.84	1/2	593.60	1/2	861.55	1/2	1,134.31	1/2	1,408.08	1/2	1,681.86	1/2	1,955.63	1/2	2,229.40	1/2	2,503.18
3/4	51.89	3/4	325.54	3/4	599.30	3/4	867.08	3/4	1,140.02	3/4	1,413.79	3/4	1,687.56	3/4	1,961.33	3/4	2,235.11	3/4	2,508.88
4	57.55	4	331.24	4	605.01	4	872.62	4	1,145.72	4	1,419.49	4	1,693.26	4	1,967.04	4	2,240.81	4	2,514.58
1/4	63.23	1/4	336.95	1/4	610.71	1/4	878.15	1/4	1,151.42	1/4	1,425.20	1/4	1,698.97	1/4	1,972.74	1/4	2,246.51	1/4	2,520.29
1/2	68.92	1/2	342.65	1/2	616.41	1/2	883.69	1/2	1,157.13	1/2	1,430.90	1/2	1,704.67	1/2	1,978.44	1/2	2,252.22	1/2	2,525.99
3/4	74.61	3/4	348.35	3/4	622.12	3/4	889.22	3/4	1,162.83	3/4	1,436.60	3/4	1,710.38	3/4	1,984.15	3/4	2,257.92	3/4	2,531.69
5	80.30	5	354.06	5	627.82	5	894.76	5	1,168.53	5	1,442.31	5	1,716.08	5	1,989.85	5	2,263.62	5	2,537.40
1/4	86.00	1/4	359.76	1/4	633.52	1/4	900.46	1/4	1,174.24	1/4	1,448.01	1/4	1,721.78	1/4	1,995.56	1/4	2,269.33	1/4	2,543.10
1/2	91.70	1/2	365.46	1/2	639.23	1/2	906.17	1/2	1,179.94	1/2	1,453.71	1/2	1,727.49	1/2	2,001.26	1/2	2,275.03	1/2	2,548.80
3/4	97.41	3/4	371.17	3/4	644.93	3/4	911.87	3/4	1,185.64	3/4	1,459.42	3/4	1,733.19	3/4	2,006.96	3/4	2,280.74	3/4	2,554.51
6	103.11	6	376.87	6	650.63	6	917.58	6	1,191.35	6	1,465.12	6	1,738.89	6	2,012.67	6	2,286.44	6	2,560.21
1/4	108.81	1/4	382.57	1/4	656.34	1/4	923.28	1/4	1,197.05	1/4	1,470.82	1/4	1,744.60	1/4	2,018.37	1/4	2,292.14	1/4	2,565.92
1/2	114.51	1/2	388.28	1/2	662.04	1/2	928.98	1/2	1,202.76	1/2	1,476.53	1/2	1,750.30	1/2	2,024.07	1/2	2,297.85	1/2	2,571.62
3/4	120.22	3/4	393.98	3/4	667.74	3/4	934.69	3/4	1,208.46	3/4	1,482.23	3/4	1,756.00	3/4	2,029.78	3/4	2,303.55	3/4	2,577.32
7	125.92	7	399.68	7	673.45	7	940.39	7	1,214.16	7	1,487.94	7	1,761.71	7	2,035.48	7	2,309.25	7	2,583.03
1/4	131.62	1/4	405.39	1/4	678.98	1/4	946.09	1/4	1,219.87	1/4	1,493.64	1/4	1,767.41	1/4	2,041.18	1/4	2,314.96	1/4	2,588.73
1/2	137.33	1/2	411.09	1/2	684.52	1/2	951.80	1/2	1,225.57	1/2	1,499.34	1/2	1,773.12	1/2	2,046.89	1/2	2,320.66	1/2	2,594.43
3/4	143.03	3/4	416.79	3/4	690.06	3/4	957.50	3/4	1,231.27	3/4	1,505.05	3/4	1,778.82	3/4	2,052.59	3/4	2,326.36	3/4	2,600.14
8	148.74	8	422.50	8	695.59	8	963.20	8	1,236.98	8	1,510.75	8	1,784.52	8	2,058.30	8	2,332.07	8	2,605.84
1/4	154.44	1/4	428.20	1/4	701.13	1/4	968.91	1/4	1,242.68	1/4	1,516.45	1/4	1,790.23	1/4	2,064.00	1/4	2,337.77	1/4	2,611.54
1/2	160.14	1/2	433.91	1/2	706.66	1/2	974.61	1/2	1,248.38	1/2	1,522.16	1/2	1,795.93	1/2	2,069.70	1/2	2,343.48	1/2	2,617.25
3/4	165.85	3/4	439.61	3/4	712.19	3/4	980.31	3/4	1,254.09	3/4	1,527.86	3/4	1,801.63	3/4	2,075.41	3/4	2,349.18	3/4	2,622.95
9	171.55	9	445.31	9	717.72	9	986.02	9	1,259.79	9	1,533.56	9	1,807.34	9	2,081.11	9	2,354.88	9	2,628.66
1/4	177.25	1/4	451.02	1/4	723.25	1/4	991.72	1/4	1,265.49	1/4	1,539.27	1/4	1,813.04	1/4	2,086.81	1/4	2,360.59	1/4	2,634.36
1/2	182.96	1/2	456.72	1/2	728.79	1/2	997.43	1/2	1,271.20	1/2	1,544.97	1/2	1,818.74	1/2	2,092.52	1/2	2,366.29	1/2	2,640.06
3/4	188.66	3/4	462.42	3/4	734.32	3/4	1,003.13	3/4	1,276.90	3/4	1,550.67	3/4	1,824.45	3/4	2,098.22	3/4	2,371.99	3/4	2,645.77
10	194.36	10	468.13	10	739.85	10	1,008.83	10	1,282.61	10	1,556.38	10	1,830.15	10	2,103.92	10	2,377.70	10	2,651.47
1/4	200.07	1/4	473.83	1/4	745.38	1/4	1,014.54	1/4	1,288.31	1/4	1,562.08	1/4	1,835.85	1/4	2,109.63	1/4	2,383.40	1/4	2,657.17
1/2	205.77	1/2	479.53	1/2	750.91	1/2	1,020.24	1/2	1,294.01	1/2	1,567.79	1/2	1,841.56	1/2	2,115.33	1/2	2,389.10	1/2	2,662.88
3/4	211.47	3/4	485.24	3/4	756.45	3/4	1,025.94	3/4	1,299.72	3/4	1,573.49	3/4	1,847.26	3/4	2,121.03	3/4	2,394.81	3/4	2,668.58
11	217.18	11	490.94	11	761.98	11	1,031.65	11	1,305.42	11	1,579.19	11	1,852.97	11	2,126.74	11	2,400.51	11	2,674.28
1/4	222.88	1/4	496.64	1/4	767.51	1/4	1,037.35	1/4	1,311.12	1/4	1,584.90	1/4	1,858.67	1/4	2,132.44	1/4	2,406.21	1/4	2,679.99
1/2	228.58	1/2	502.35	1/2	773.04	1/2	1,043.05	1/2	1,316.83	1/2	1,590.60	1/2	1,864.37	1/2	2,138.15	1/2	2,411.92	1/2	2,685.69
3/4	234.29	3/4	508.05	3/4	778.57	3/4	1,048.76	3/4	1,322.53	3/4	1,596.30	3/4	1,870.08	3/4	2,143.85	3/4	2,417.62	3/4	2,691.39

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 LIP OPPOSITE HINGE OF 8" HATCH.
 GAUGE POINT: (8" HATCH) LOCATED ON CENTERLINE AND 16'-06" 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 137"

2 CENTER INNAGE TABLE 8" HATCH GAUGE HEIGHT 15'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,697.10	0	2,970.87	0	3,244.64	0	3,518.42	0	3,792.19	0		0		0		0		0	
1/4	2,702.80	1/4	2,976.57	1/4	3,250.35	1/4	3,524.12	1/4	3,797.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,708.51	1/2	2,982.28	1/2	3,256.05	1/2	3,529.82	1/2	3,803.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,714.21	3/4	2,987.98	3/4	3,261.75	3/4	3,535.53	3/4	3,809.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2,719.91	1	2,993.69	1	3,267.46	1	3,541.23	1	3,815.00	1		1		1		1		1	
1/4	2,725.62	1/4	2,999.39	1/4	3,273.16	1/4	3,546.93	1/4	3,820.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,731.32	1/2	3,005.09	1/2	3,278.87	1/2	3,552.64	1/2	3,826.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,737.02	3/4	3,010.80	3/4	3,284.57	3/4	3,558.34	3/4	3,832.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2,742.73	2	3,016.50	2	3,290.27	2	3,564.05	2	3,837.82	2		2		2		2		2	
1/4	2,748.43	1/4	3,022.20	1/4	3,295.98	1/4	3,569.75	1/4	3,843.52	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,754.13	1/2	3,027.91	1/2	3,301.68	1/2	3,575.45	1/2	3,849.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,759.84	3/4	3,033.61	3/4	3,307.38	3/4	3,581.16	3/4	3,854.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	2,765.54	3	3,039.31	3	3,313.09	3	3,586.86	3	3,860.63	3		3		3		3		3	
1/4	2,771.25	1/4	3,045.02	1/4	3,318.79	1/4	3,592.56	1/4	3,866.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,776.95	1/2	3,050.72	1/2	3,324.49	1/2	3,598.27	1/2	3,872.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,782.65	3/4	3,056.43	3/4	3,330.20	3/4	3,603.97	3/4	3,877.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	2,788.36	4	3,062.13	4	3,335.90	4	3,609.67	4	3,883.38	4		4		4		4		4	
1/4	2,794.06	1/4	3,067.83	1/4	3,341.61	1/4	3,615.38	1/4	3,889.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,799.76	1/2	3,073.54	1/2	3,347.31	1/2	3,621.08	1/2	3,894.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,805.47	3/4	3,079.24	3/4	3,353.01	3/4	3,626.79	3/4	3,900.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	2,811.17	5	3,084.94	5	3,358.72	5	3,632.49	5	3,906.00	5		5		5		5		5	
1/4	2,816.87	1/4	3,090.65	1/4	3,364.42	1/4	3,638.19	1/4	3,911.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,822.58	1/2	3,096.35	1/2	3,370.12	1/2	3,643.90	1/2	3,915.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,828.28	3/4	3,102.05	3/4	3,375.83	3/4	3,649.60	3/4	3,920.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	2,833.98	6	3,107.76	6	3,381.53	6	3,655.30	6	3,925.00	6		6		6		6		6	
1/4	2,839.69	1/4	3,113.46	1/4	3,387.23	1/4	3,661.01	1/4	3,927.85	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,845.39	1/2	3,119.16	1/2	3,392.94	1/2	3,666.71	1/2	3,930.70	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,851.10	3/4	3,124.87	3/4	3,398.64	3/4	3,672.41	3/4	3,933.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	2,856.80	7	3,130.57	7	3,404.34	7	3,678.12	7	3,936.40	7		7		7		7		7	
1/4	2,862.50	1/4	3,136.28	1/4	3,410.05	1/4	3,683.82	1/4	3,937.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,868.21	1/2	3,141.98	1/2	3,415.75	1/2	3,689.52	1/2	3,938.30	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,873.91	3/4	3,147.68	3/4	3,421.46	3/4	3,695.23	3/4	3,939.25	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	2,879.61	8	3,153.39	8	3,427.16	8	3,700.93	8	3,940.20	8		8		8		8		8	
1/4	2,885.32	1/4	3,159.09	1/4	3,432.86	1/4	3,706.64	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,891.02	1/2	3,164.79	1/2	3,438.57	1/2	3,712.34	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,896.72	3/4	3,170.50	3/4	3,444.27	3/4	3,718.04	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	2,902.43	9	3,176.20	9	3,449.97	9	3,723.75	9		9		9		9		9		9	
1/4	2,908.13	1/4	3,181.90	1/4	3,455.68	1/4	3,729.45	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,913.84	1/2	3,187.61	1/2	3,461.38	1/2	3,735.15	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,919.54	3/4	3,193.31	3/4	3,467.08	3/4	3,740.86	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	2,925.24	10	3,199.02	10	3,472.79	10	3,746.56	10		10		10		10		10		10	
1/4	2,930.95	1/4	3,204.72	1/4	3,478.49	1/4	3,752.26	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,936.65	1/2	3,210.42	1/2	3,484.20	1/2	3,757.97	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,942.35	3/4	3,216.13	3/4	3,489.90	3/4	3,763.67	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,948.06	11	3,221.83	11	3,495.60	11	3,769.38	11		11		11		11		11		11	
1/4	2,953.76	1/4	3,227.53	1/4	3,501.31	1/4	3,775.08	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,959.46	1/2	3,233.24	1/2	3,507.01	1/2	3,780.78	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,965.17	3/4	3,238.94	3/4	3,512.71	3/4	3,786.49	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 7/10/2019 JS
RECALCULATED: 09/12/2019 SW
REPRINTED: 09/12/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
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BARGE "DBL 137"

3 CENTER INNAGE TABLE

8" HATCH GAUGE HEIGHT 15'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0.73	0	214.87	0	459.88	0	704.66	0	949.44	0	1,194.46	0	1,439.49	0	1,684.51	0	1,929.54	0	2,174.56
1/4	1.58	1/4	219.97	1/4	464.99	1/4	709.75	1/4	954.54	1/4	1,199.57	1/4	1,444.59	1/4	1,689.62	1/4	1,934.64	1/4	2,179.67
1/2	2.43	1/2	225.07	1/2	470.09	1/2	714.84	1/2	959.65	1/2	1,204.67	1/2	1,449.70	1/2	1,694.72	1/2	1,939.75	1/2	2,184.77
3/4	3.28	3/4	230.18	3/4	475.19	3/4	719.93	3/4	964.75	3/4	1,209.78	3/4	1,454.80	3/4	1,699.83	3/4	1,944.85	3/4	2,189.88
1	4.13	1	235.28	1	480.30	1	725.02	1	969.86	1	1,214.88	1	1,459.91	1	1,704.93	1	1,949.96	1	2,194.98
1/4	6.68	1/4	240.39	1/4	485.40	1/4	730.11	1/4	974.96	1/4	1,219.99	1/4	1,465.01	1/4	1,710.04	1/4	1,955.06	1/4	2,200.09
1/2	9.23	1/2	245.49	1/2	490.51	1/2	735.21	1/2	980.07	1/2	1,225.09	1/2	1,470.12	1/2	1,715.14	1/2	1,960.17	1/2	2,205.19
3/4	11.78	3/4	250.60	3/4	495.61	3/4	740.30	3/4	985.17	3/4	1,230.20	3/4	1,475.22	3/4	1,720.25	3/4	1,965.27	3/4	2,210.30
2	14.33	2	255.70	2	500.72	2	745.39	2	990.27	2	1,235.30	2	1,480.33	2	1,725.35	2	1,970.38	2	2,215.40
1/4	18.58	1/4	260.81	1/4	505.82	1/4	750.48	1/4	995.38	1/4	1,240.40	1/4	1,485.43	1/4	1,730.46	1/4	1,975.48	1/4	2,220.51
1/2	22.83	1/2	265.91	1/2	510.93	1/2	755.57	1/2	1,000.48	1/2	1,245.51	1/2	1,490.54	1/2	1,735.56	1/2	1,980.59	1/2	2,225.61
3/4	27.09	3/4	271.01	3/4	516.03	3/4	760.66	3/4	1,005.59	3/4	1,250.61	3/4	1,495.64	3/4	1,740.67	3/4	1,985.69	3/4	2,230.72
3	31.34	3	276.12	3	521.14	3	765.75	3	1,010.69	3	1,255.72	3	1,500.74	3	1,745.77	3	1,990.80	3	2,235.82
1/4	36.40	1/4	281.22	1/4	526.24	1/4	770.85	1/4	1,015.80	1/4	1,260.82	1/4	1,505.85	1/4	1,750.87	1/4	1,995.90	1/4	2,240.93
1/2	41.46	1/2	286.33	1/2	531.34	1/2	775.94	1/2	1,020.90	1/2	1,265.93	1/2	1,510.95	1/2	1,755.98	1/2	2,001.01	1/2	2,246.03
3/4	46.52	3/4	291.43	3/4	536.45	3/4	781.03	3/4	1,026.01	3/4	1,271.03	3/4	1,516.06	3/4	1,761.08	3/4	2,006.11	3/4	2,251.14
4	51.58	4	296.54	4	541.55	4	786.12	4	1,031.11	4	1,276.14	4	1,521.16	4	1,766.19	4	2,011.21	4	2,256.24
1/4	56.67	1/4	301.64	1/4	546.66	1/4	791.22	1/4	1,036.22	1/4	1,281.24	1/4	1,526.27	1/4	1,771.29	1/4	2,016.32	1/4	2,261.34
1/2	61.76	1/2	306.75	1/2	551.76	1/2	796.31	1/2	1,041.32	1/2	1,286.35	1/2	1,531.37	1/2	1,776.40	1/2	2,021.42	1/2	2,266.45
3/4	66.85	3/4	311.85	3/4	556.87	3/4	801.41	3/4	1,046.43	3/4	1,291.45	3/4	1,536.48	3/4	1,781.50	3/4	2,026.53	3/4	2,271.55
5	71.95	5	316.96	5	561.97	5	806.51	5	1,051.53	5	1,296.56	5	1,541.58	5	1,786.61	5	2,031.63	5	2,276.66
1/4	77.05	1/4	322.06	1/4	567.08	1/4	811.61	1/4	1,056.64	1/4	1,301.66	1/4	1,546.69	1/4	1,791.71	1/4	2,036.74	1/4	2,281.76
1/2	82.15	1/2	327.16	1/2	572.18	1/2	816.71	1/2	1,061.74	1/2	1,306.77	1/2	1,551.79	1/2	1,796.82	1/2	2,041.84	1/2	2,286.87
3/4	87.25	3/4	332.27	3/4	577.28	3/4	821.82	3/4	1,066.85	3/4	1,311.87	3/4	1,556.90	3/4	1,801.92	3/4	2,046.95	3/4	2,291.97
6	92.36	6	337.37	6	582.39	6	826.92	6	1,071.95	6	1,316.98	6	1,562.00	6	1,807.03	6	2,052.05	6	2,297.08
1/4	97.46	1/4	342.48	1/4	587.49	1/4	832.03	1/4	1,077.05	1/4	1,322.08	1/4	1,567.11	1/4	1,812.13	1/4	2,057.16	1/4	2,302.18
1/2	102.57	1/2	347.58	1/2	592.60	1/2	837.13	1/2	1,082.16	1/2	1,327.18	1/2	1,572.21	1/2	1,817.24	1/2	2,062.26	1/2	2,307.29
3/4	107.67	3/4	352.69	3/4	597.70	3/4	842.24	3/4	1,087.26	3/4	1,332.29	3/4	1,577.32	3/4	1,822.34	3/4	2,067.37	3/4	2,312.39
7	112.78	7	357.79	7	602.81	7	847.34	7	1,092.37	7	1,337.39	7	1,582.42	7	1,827.45	7	2,072.47	7	2,317.50
1/4	117.88	1/4	362.90	1/4	607.90	1/4	852.45	1/4	1,097.47	1/4	1,342.50	1/4	1,587.52	1/4	1,832.55	1/4	2,077.58	1/4	2,322.60
1/2	122.98	1/2	368.00	1/2	613.00	1/2	857.55	1/2	1,102.58	1/2	1,347.60	1/2	1,592.63	1/2	1,837.65	1/2	2,082.68	1/2	2,327.71
3/4	128.09	3/4	373.10	3/4	618.10	3/4	862.66	3/4	1,107.68	3/4	1,352.71	3/4	1,597.73	3/4	1,842.76	3/4	2,087.79	3/4	2,332.81
8	133.19	8	378.21	8	623.19	8	867.76	8	1,112.79	8	1,357.81	8	1,602.84	8	1,847.86	8	2,092.89	8	2,337.92
1/4	138.30	1/4	383.31	1/4	628.28	1/4	872.87	1/4	1,117.89	1/4	1,362.92	1/4	1,607.94	1/4	1,852.97	1/4	2,097.99	1/4	2,343.02
1/2	143.40	1/2	388.42	1/2	633.38	1/2	877.97	1/2	1,123.00	1/2	1,368.02	1/2	1,613.05	1/2	1,858.07	1/2	2,103.10	1/2	2,348.12
3/4	148.51	3/4	393.52	3/4	638.47	3/4	883.08	3/4	1,128.10	3/4	1,373.13	3/4	1,618.15	3/4	1,863.18	3/4	2,108.20	3/4	2,353.23
9	153.61	9	398.63	9	643.56	9	888.18	9	1,133.21	9	1,378.23	9	1,623.26	9	1,868.28	9	2,113.31	9	2,358.33
1/4	158.72	1/4	403.73	1/4	648.65	1/4	893.29	1/4	1,138.31	1/4	1,383.34	1/4	1,628.36	1/4	1,873.39	1/4	2,118.41	1/4	2,363.44
1/2	163.82	1/2	408.84	1/2	653.74	1/2	898.39	1/2	1,143.42	1/2	1,388.44	1/2	1,633.47	1/2	1,878.49	1/2	2,123.52	1/2	2,368.54
3/4	168.92	3/4	413.94	3/4	658.83	3/4	903.49	3/4	1,148.52	3/4	1,393.55	3/4	1,638.57	3/4	1,883.60	3/4	2,128.62	3/4	2,373.65
10	174.03	10	419.05	10	663.92	10	908.60	10	1,153.62	10	1,398.65	10	1,643.68	10	1,888.70	10	2,133.73	10	2,378.75
1/4	179.13	1/4	424.15	1/4	669.02	1/4	913.70	1/4	1,158.73	1/4	1,403.76	1/4	1,648.78	1/4	1,893.81	1/4	2,138.83	1/4	2,383.86
1/2	184.24	1/2	429.25	1/2	674.11	1/2	918.81	1/2	1,163.83	1/2	1,408.86	1/2	1,653.89	1/2	1,898.91	1/2	2,143.94	1/2	2,388.96
3/4	189.34	3/4	434.36	3/4	679.20	3/4	923.91	3/4	1,168.94	3/4	1,413.96	3/4	1,658.99	3/4	1,904.02	3/4	2,149.04	3/4	2,394.07
11	194.45	11	439.46	11	684.29	11	929.02	11	1,174.04	11	1,419.07	11	1,664.09	11	1,909.12	11	2,154.15	11	2,399.17
1/4	199.55	1/4	444.57	1/4	689.38	1/4	934.12	1/4	1,179.15	1/4	1,424.17	1/4	1,669.20	1/4	1,914.23	1/4	2,159.25	1/4	2,404.28
1/2	204.66	1/2	449.67	1/2	694.47	1/2	939.23	1/2	1,184.25	1/2	1,429.28	1/2	1,674.30	1/2	1,919.33	1/2	2,164.36	1/2	2,409.38
3/4	209.76	3/4	454.78	3/4	699.56	3/4	944.33	3/4	1,189.36	3/4	1,434.38	3/4	1,679.41	3/4	1,924.43	3/4	2,169.46	3/4	2,414.49

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 LIP OPPOSITE HINGE OF 8" HATCH.
 GAUGE POINT: (8" HATCH) LOCATED ON CENTERLINE AND 17'-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 137"

3 CENTER INNAGE TABLE 8" HATCH GAUGE HEIGHT 15'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,419.59	0	2,664.62	0	2,909.64	0	3,154.67	0	3,399.69	0		0		0		0		0	
1/4	2,424.70	1/4	2,669.72	1/4	2,914.75	1/4	3,159.77	1/4	3,404.80	1/4		1/4		1/4		1/4		1/4	
1/2	2,429.80	1/2	2,674.83	1/2	2,919.85	1/2	3,164.88	1/2	3,409.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,434.90	3/4	2,679.93	3/4	2,924.96	3/4	3,169.98	3/4	3,415.01	3/4		3/4		3/4		3/4		3/4	
1	2,440.01	1	2,685.03	1	2,930.06	1	3,175.09	1	3,420.11	1		1		1		1		1	
1/4	2,445.11	1/4	2,690.14	1/4	2,935.17	1/4	3,180.19	1/4	3,425.22	1/4		1/4		1/4		1/4		1/4	
1/2	2,450.22	1/2	2,695.24	1/2	2,940.27	1/2	3,185.30	1/2	3,430.32	1/2		1/2		1/2		1/2		1/2	
3/4	2,455.32	3/4	2,700.35	3/4	2,945.37	3/4	3,190.40	3/4	3,435.43	3/4		3/4		3/4		3/4		3/4	
2	2,460.43	2	2,705.45	2	2,950.48	2	3,195.50	2	3,440.53	2		2		2		2		2	
1/4	2,465.53	1/4	2,710.56	1/4	2,955.58	1/4	3,200.61	1/4	3,445.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,470.64	1/2	2,715.66	1/2	2,960.69	1/2	3,205.71	1/2	3,450.74	1/2		1/2		1/2		1/2		1/2	
3/4	2,475.74	3/4	2,720.77	3/4	2,965.79	3/4	3,210.82	3/4	3,455.84	3/4		3/4		3/4		3/4		3/4	
3	2,480.85	3	2,725.87	3	2,970.90	3	3,215.92	3	3,460.95	3		3		3		3		3	
1/4	2,485.95	1/4	2,730.98	1/4	2,976.00	1/4	3,221.03	1/4	3,466.04	1/4		1/4		1/4		1/4		1/4	
1/2	2,491.06	1/2	2,736.08	1/2	2,981.11	1/2	3,226.13	1/2	3,471.13	1/2		1/2		1/2		1/2		1/2	
3/4	2,496.16	3/4	2,741.19	3/4	2,986.21	3/4	3,231.24	3/4	3,476.22	3/4		3/4		3/4		3/4		3/4	
4	2,501.27	4	2,746.29	4	2,991.32	4	3,236.34	4	3,481.31	4		4		4		4		4	
1/4	2,506.37	1/4	2,751.40	1/4	2,996.42	1/4	3,241.45	1/4	3,486.37	1/4		1/4		1/4		1/4		1/4	
1/2	2,511.48	1/2	2,756.50	1/2	3,001.53	1/2	3,246.55	1/2	3,491.43	1/2		1/2		1/2		1/2		1/2	
3/4	2,516.58	3/4	2,761.61	3/4	3,006.63	3/4	3,251.66	3/4	3,496.50	3/4		3/4		3/4		3/4		3/4	
5	2,521.68	5	2,766.71	5	3,011.74	5	3,256.76	5	3,501.56	5		5		5		5		5	
1/4	2,526.79	1/4	2,771.81	1/4	3,016.84	1/4	3,261.87	1/4	3,505.81	1/4		1/4		1/4		1/4		1/4	
1/2	2,531.89	1/2	2,776.92	1/2	3,021.95	1/2	3,266.97	1/2	3,510.06	1/2		1/2		1/2		1/2		1/2	
3/4	2,537.00	3/4	2,782.02	3/4	3,027.05	3/4	3,272.08	3/4	3,514.31	3/4		3/4		3/4		3/4		3/4	
6	2,542.10	6	2,787.13	6	3,032.15	6	3,277.18	6	3,518.56	6		6		6		6		6	
1/4	2,547.21	1/4	2,792.23	1/4	3,037.26	1/4	3,282.28	1/4	3,521.11	1/4		1/4		1/4		1/4		1/4	
1/2	2,552.31	1/2	2,797.34	1/2	3,042.36	1/2	3,287.39	1/2	3,523.67	1/2		1/2		1/2		1/2		1/2	
3/4	2,557.42	3/4	2,802.44	3/4	3,047.47	3/4	3,292.49	3/4	3,526.22	3/4		3/4		3/4		3/4		3/4	
7	2,562.52	7	2,807.55	7	3,052.57	7	3,297.60	7	3,528.77	7		7		7		7		7	
1/4	2,567.63	1/4	2,812.65	1/4	3,057.68	1/4	3,302.70	1/4	3,529.62	1/4		1/4		1/4		1/4		1/4	
1/2	2,572.73	1/2	2,817.76	1/2	3,062.78	1/2	3,307.81	1/2	3,530.47	1/2		1/2		1/2		1/2		1/2	
3/4	2,577.84	3/4	2,822.86	3/4	3,067.89	3/4	3,312.91	3/4	3,531.32	3/4		3/4		3/4		3/4		3/4	
8	2,582.94	8	2,827.97	8	3,072.99	8	3,318.02	8	3,532.17	8		8		8		8		8	
1/4	2,588.05	1/4	2,833.07	1/4	3,078.10	1/4	3,323.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,593.15	1/2	2,838.18	1/2	3,083.20	1/2	3,328.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,598.26	3/4	2,843.28	3/4	3,088.31	3/4	3,333.33	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,603.36	9	2,848.39	9	3,093.41	9	3,338.44	9		9		9		9		9		9	
1/4	2,608.46	1/4	2,853.49	1/4	3,098.52	1/4	3,343.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,613.57	1/2	2,858.59	1/2	3,103.62	1/2	3,348.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,618.67	3/4	2,863.70	3/4	3,108.72	3/4	3,353.75	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,623.78	10	2,868.80	10	3,113.83	10	3,358.86	10		10		10		10		10		10	
1/4	2,628.88	1/4	2,873.91	1/4	3,118.93	1/4	3,363.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,633.99	1/2	2,879.01	1/2	3,124.04	1/2	3,369.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,639.09	3/4	2,884.12	3/4	3,129.14	3/4	3,374.17	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,644.20	11	2,889.22	11	3,134.25	11	3,379.27	11		11		11		11		11		11	
1/4	2,649.30	1/4	2,894.33	1/4	3,139.35	1/4	3,384.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,654.41	1/2	2,899.43	1/2	3,144.46	1/2	3,389.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,659.51	3/4	2,904.54	3/4	3,149.56	3/4	3,394.59	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 7/10/2019 JS
RECALCULATED: 09/12/2019 SW
REPRINTED: 09/12/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019