



BARGE "WEB 143"

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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-3/8	- 01-3/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8

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

LENGTH BETWEEN DRAFT MARKS: 166'-06"

February 24, 2016

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 143"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

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	1.04	0	212.41	0	453.94	0	694.86	0	936.72	0	1,178.57	0	1,420.43	0	1,662.29	0	1,904.15	0	2,146.00
1/4	1.88	1/4	217.45	1/4	458.94	1/4	699.90	1/4	941.75	1/4	1,183.61	1/4	1,425.47	1/4	1,667.33	1/4	1,909.18	1/4	2,151.04
1/2	2.72	1/2	222.49	1/2	463.95	1/2	704.93	1/2	946.79	1/2	1,188.65	1/2	1,430.51	1/2	1,672.37	1/2	1,914.22	1/2	2,156.08
3/4	3.56	3/4	227.53	3/4	468.96	3/4	709.97	3/4	951.83	3/4	1,193.69	3/4	1,435.55	3/4	1,677.40	3/4	1,919.26	3/4	2,161.12
1	4.40	1	232.57	1	473.96	1	715.01	1	956.87	1	1,198.73	1	1,440.59	1	1,682.44	1	1,924.30	1	2,166.16
1/4	6.92	1/4	237.61	1/4	478.97	1/4	720.05	1/4	961.91	1/4	1,203.77	1/4	1,445.62	1/4	1,687.48	1/4	1,929.34	1/4	2,171.20
1/2	9.44	1/2	242.64	1/2	483.98	1/2	725.09	1/2	966.95	1/2	1,208.80	1/2	1,450.66	1/2	1,692.52	1/2	1,934.38	1/2	2,176.24
3/4	11.96	3/4	247.68	3/4	488.98	3/4	730.13	3/4	971.99	3/4	1,213.84	3/4	1,455.70	3/4	1,697.56	3/4	1,939.42	3/4	2,181.27
2	14.48	2	252.72	2	493.99	2	735.17	2	977.02	2	1,218.88	2	1,460.74	2	1,702.60	2	1,944.46	2	2,186.31
1/4	18.67	1/4	257.76	1/4	498.99	1/4	740.21	1/4	982.06	1/4	1,223.92	1/4	1,465.78	1/4	1,707.64	1/4	1,949.49	1/4	2,191.35
1/2	22.87	1/2	262.80	1/2	504.00	1/2	745.24	1/2	987.10	1/2	1,228.96	1/2	1,470.82	1/2	1,712.67	1/2	1,954.53	1/2	2,196.39
3/4	27.07	3/4	267.84	3/4	509.01	3/4	750.28	3/4	992.14	3/4	1,234.00	3/4	1,475.86	3/4	1,717.71	3/4	1,959.57	3/4	2,201.43
3	31.26	3	272.88	3	514.01	3	755.32	3	997.18	3	1,239.04	3	1,480.89	3	1,722.75	3	1,964.61	3	2,206.47
1/4	36.26	1/4	277.91	1/4	519.02	1/4	760.36	1/4	1,002.22	1/4	1,244.08	1/4	1,485.93	1/4	1,727.79	1/4	1,969.65	1/4	2,211.51
1/2	41.25	1/2	282.95	1/2	524.03	1/2	765.40	1/2	1,007.26	1/2	1,249.11	1/2	1,490.97	1/2	1,732.83	1/2	1,974.69	1/2	2,216.54
3/4	46.25	3/4	287.99	3/4	529.03	3/4	770.44	3/4	1,012.30	3/4	1,254.15	3/4	1,496.01	3/4	1,737.87	3/4	1,979.73	3/4	2,221.58
4	51.24	4	293.03	4	534.04	4	775.48	4	1,017.33	4	1,259.19	4	1,501.05	4	1,742.91	4	1,984.76	4	2,226.62
1/4	56.27	1/4	298.07	1/4	539.05	1/4	780.52	1/4	1,022.37	1/4	1,264.23	1/4	1,506.09	1/4	1,747.95	1/4	1,989.80	1/4	2,231.66
1/2	61.29	1/2	303.11	1/2	544.05	1/2	785.55	1/2	1,027.41	1/2	1,269.27	1/2	1,511.13	1/2	1,752.98	1/2	1,994.84	1/2	2,236.70
3/4	66.32	3/4	308.14	3/4	549.06	3/4	790.59	3/4	1,032.45	3/4	1,274.31	3/4	1,516.17	3/4	1,758.02	3/4	1,999.88	3/4	2,241.74
5	71.35	5	313.18	5	554.06	5	795.63	5	1,037.49	5	1,279.35	5	1,521.20	5	1,763.06	5	2,004.92	5	2,246.78
1/4	76.38	1/4	318.22	1/4	559.07	1/4	800.67	1/4	1,042.53	1/4	1,284.39	1/4	1,526.24	1/4	1,768.10	1/4	2,009.96	1/4	2,251.82
1/2	81.42	1/2	323.26	1/2	564.08	1/2	805.71	1/2	1,047.57	1/2	1,289.42	1/2	1,531.28	1/2	1,773.14	1/2	2,015.00	1/2	2,256.85
3/4	86.46	3/4	328.30	3/4	569.09	3/4	810.75	3/4	1,052.61	3/4	1,294.46	3/4	1,536.32	3/4	1,778.18	3/4	2,020.04	3/4	2,261.89
6	91.49	6	333.34	6	574.10	6	815.79	6	1,057.64	6	1,299.50	6	1,541.36	6	1,783.22	6	2,025.07	6	2,266.93
1/4	96.53	1/4	338.37	1/4	579.11	1/4	820.82	1/4	1,062.68	1/4	1,304.54	1/4	1,546.40	1/4	1,788.26	1/4	2,030.11	1/4	2,271.97
1/2	101.57	1/2	343.41	1/2	584.12	1/2	825.86	1/2	1,067.72	1/2	1,309.58	1/2	1,551.44	1/2	1,793.29	1/2	2,035.15	1/2	2,277.01
3/4	106.61	3/4	348.45	3/4	589.13	3/4	830.90	3/4	1,072.76	3/4	1,314.62	3/4	1,556.48	3/4	1,798.33	3/4	2,040.19	3/4	2,282.05
7	111.65	7	353.49	7	594.14	7	835.94	7	1,077.80	7	1,319.66	7	1,561.51	7	1,803.37	7	2,045.23	7	2,287.09
1/4	116.68	1/4	358.53	1/4	599.16	1/4	840.98	1/4	1,082.84	1/4	1,324.70	1/4	1,566.55	1/4	1,808.41	1/4	2,050.27	1/4	2,292.13
1/2	121.72	1/2	363.57	1/2	604.19	1/2	846.02	1/2	1,087.88	1/2	1,329.73	1/2	1,571.59	1/2	1,813.45	1/2	2,055.31	1/2	2,297.16
3/4	126.76	3/4	368.60	3/4	609.21	3/4	851.06	3/4	1,092.91	3/4	1,334.77	3/4	1,576.63	3/4	1,818.49	3/4	2,060.35	3/4	2,302.20
8	131.80	8	373.64	8	614.24	8	856.10	8	1,097.95	8	1,339.81	8	1,581.67	8	1,823.53	8	2,065.38	8	2,307.24
1/4	136.84	1/4	378.68	1/4	619.28	1/4	861.13	1/4	1,102.99	1/4	1,344.85	1/4	1,586.71	1/4	1,828.57	1/4	2,070.42	1/4	2,312.28
1/2	141.88	1/2	383.72	1/2	624.32	1/2	866.17	1/2	1,108.03	1/2	1,349.89	1/2	1,591.75	1/2	1,833.60	1/2	2,075.46	1/2	2,317.32
3/4	146.92	3/4	388.76	3/4	629.35	3/4	871.21	3/4	1,113.07	3/4	1,354.93	3/4	1,596.78	3/4	1,838.64	3/4	2,080.50	3/4	2,322.36
9	151.95	9	393.80	9	634.39	9	876.25	9	1,118.11	9	1,359.97	9	1,601.82	9	1,843.68	9	2,085.54	9	2,327.40
1/4	156.99	1/4	398.82	1/4	639.43	1/4	881.29	1/4	1,123.15	1/4	1,365.00	1/4	1,606.86	1/4	1,848.72	1/4	2,090.58	1/4	2,332.44
1/2	162.03	1/2	403.84	1/2	644.47	1/2	886.33	1/2	1,128.19	1/2	1,370.04	1/2	1,611.90	1/2	1,853.76	1/2	2,095.62	1/2	2,337.47
3/4	167.07	3/4	408.86	3/4	649.51	3/4	891.37	3/4	1,133.22	3/4	1,375.08	3/4	1,616.94	3/4	1,858.80	3/4	2,100.65	3/4	2,342.51
10	172.11	10	413.89	10	654.55	10	896.41	10	1,138.26	10	1,380.12	10	1,621.98	10	1,863.84	10	2,105.69	10	2,347.55
1/4	177.15	1/4	418.89	1/4	659.59	1/4	901.44	1/4	1,143.30	1/4	1,385.16	1/4	1,627.02	1/4	1,868.87	1/4	2,110.73	1/4	2,352.59
1/2	182.18	1/2	423.90	1/2	664.63	1/2	906.48	1/2	1,148.34	1/2	1,390.20	1/2	1,632.06	1/2	1,873.91	1/2	2,115.77	1/2	2,357.63
3/4	187.22	3/4	428.91	3/4	669.66	3/4	911.52	3/4	1,153.38	3/4	1,395.24	3/4	1,637.09	3/4	1,878.95	3/4	2,120.81	3/4	2,362.67
11	192.26	11	433.91	11	674.70	11	916.56	11	1,158.42	11	1,400.28	11	1,642.13	11	1,883.99	11	2,125.85	11	2,367.71
1/4	197.30	1/4	438.92	1/4	679.74	1/4	921.60	1/4	1,163.46	1/4	1,405.31	1/4	1,647.17	1/4	1,889.03	1/4	2,130.89	1/4	2,372.74
1/2	202.34	1/2	443.93	1/2	684.78	1/2	926.64	1/2	1,168.50	1/2	1,410.35	1/2	1,652.21	1/2	1,894.07	1/2	2,135.93	1/2	2,377.78
3/4	207.38	3/4	448.93	3/4	689.82	3/4	931.68	3/4	1,173.53	3/4	1,415.39	3/4	1,657.25	3/4	1,899.11	3/4	2,140.96	3/4	2,382.82

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-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 "WEB 143"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

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	2,387.86	0	2,629.72	0	2,871.58	0	3,113.43	0	3,355.29	0		0		0		0			
1/4	2,392.90	1/4	2,634.76	1/4	2,876.61	1/4	3,118.47	1/4	3,360.33	1/4		1/4		1/4		1/4		1/4	
1/2	2,397.94	1/2	2,639.80	1/2	2,881.65	1/2	3,123.51	1/2	3,365.37	1/2		1/2		1/2		1/2		1/2	
3/4	2,402.98	3/4	2,644.83	3/4	2,886.69	3/4	3,128.55	3/4	3,370.41	3/4		3/4		3/4		3/4		3/4	
1	2,408.02	1	2,649.87	1	2,891.73	1	3,133.59	1	3,375.45	1		1		1		1		1	
1/4	2,413.05	1/4	2,654.91	1/4	2,896.77	1/4	3,138.63	1/4	3,380.48	1/4		1/4		1/4		1/4		1/4	
1/2	2,418.09	1/2	2,659.95	1/2	2,901.81	1/2	3,143.67	1/2	3,385.52	1/2		1/2		1/2		1/2		1/2	
3/4	2,423.13	3/4	2,664.99	3/4	2,906.85	3/4	3,148.70	3/4	3,390.56	3/4		3/4		3/4		3/4		3/4	
2	2,428.17	2	2,670.03	2	2,911.89	2	3,153.74	2	3,395.60	2		2		2		2		2	
1/4	2,433.21	1/4	2,675.07	1/4	2,916.92	1/4	3,158.78	1/4	3,400.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,438.25	1/2	2,680.11	1/2	2,921.96	1/2	3,163.82	1/2	3,405.66	1/2		1/2		1/2		1/2		1/2	
3/4	2,443.29	3/4	2,685.14	3/4	2,927.00	3/4	3,168.86	3/4	3,410.69	3/4		3/4		3/4		3/4		3/4	
3	2,448.33	3	2,690.18	3	2,932.04	3	3,173.90	3	3,415.71	3		3		3		3		3	
1/4	2,453.36	1/4	2,695.22	1/4	2,937.08	1/4	3,178.94	1/4	3,420.74	1/4		1/4		1/4		1/4		1/4	
1/2	2,458.40	1/2	2,700.26	1/2	2,942.12	1/2	3,183.98	1/2	3,425.77	1/2		1/2		1/2		1/2		1/2	
3/4	2,463.44	3/4	2,705.30	3/4	2,947.16	3/4	3,189.01	3/4	3,430.79	3/4		3/4		3/4		3/4		3/4	
4	2,468.48	4	2,710.34	4	2,952.20	4	3,194.05	4	3,435.82	4		4		4		4		4	
1/4	2,473.52	1/4	2,715.38	1/4	2,957.23	1/4	3,199.09	1/4	3,440.81	1/4		1/4		1/4		1/4		1/4	
1/2	2,478.56	1/2	2,720.41	1/2	2,962.27	1/2	3,204.13	1/2	3,445.81	1/2		1/2		1/2		1/2		1/2	
3/4	2,483.60	3/4	2,725.45	3/4	2,967.31	3/4	3,209.17	3/4	3,450.80	3/4		3/4		3/4		3/4		3/4	
5	2,488.63	5	2,730.49	5	2,972.35	5	3,214.21	5	3,455.80	5		5		5		5		5	
1/4	2,493.67	1/4	2,735.53	1/4	2,977.39	1/4	3,219.25	1/4	3,459.99	1/4		1/4		1/4		1/4		1/4	
1/2	2,498.71	1/2	2,740.57	1/2	2,982.43	1/2	3,224.28	1/2	3,464.19	1/2		1/2		1/2		1/2		1/2	
3/4	2,503.75	3/4	2,745.61	3/4	2,987.47	3/4	3,229.32	3/4	3,468.39	3/4		3/4		3/4		3/4		3/4	
6	2,508.79	6	2,750.65	6	2,992.50	6	3,234.36	6	3,472.58	6		6		6		6		6	
1/4	2,513.83	1/4	2,755.69	1/4	2,997.54	1/4	3,239.40	1/4	3,475.10	1/4		1/4		1/4		1/4		1/4	
1/2	2,518.87	1/2	2,760.72	1/2	3,002.58	1/2	3,244.44	1/2	3,477.62	1/2		1/2		1/2		1/2		1/2	
3/4	2,523.91	3/4	2,765.76	3/4	3,007.62	3/4	3,249.48	3/4	3,480.14	3/4		3/4		3/4		3/4		3/4	
7	2,528.94	7	2,770.80	7	3,012.66	7	3,254.52	7	3,482.66	7		7		7		7		7	
1/4	2,533.98	1/4	2,775.84	1/4	3,017.70	1/4	3,259.56	1/4	3,483.50	1/4		1/4		1/4		1/4		1/4	
1/2	2,539.02	1/2	2,780.88	1/2	3,022.74	1/2	3,264.59	1/2	3,484.34	1/2		1/2		1/2		1/2		1/2	
3/4	2,544.06	3/4	2,785.92	3/4	3,027.78	3/4	3,269.63	3/4	3,485.18	3/4		3/4		3/4		3/4		3/4	
8	2,549.10	8	2,790.96	8	3,032.81	8	3,274.67	8	3,486.02	8		8		8		8		8	
1/4	2,554.14	1/4	2,796.00	1/4	3,037.85	1/4	3,279.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,559.18	1/2	2,801.03	1/2	3,042.89	1/2	3,284.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,564.22	3/4	2,806.07	3/4	3,047.93	3/4	3,289.79	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,569.25	9	2,811.11	9	3,052.97	9	3,294.83	9		9		9		9		9		9	
1/4	2,574.29	1/4	2,816.15	1/4	3,058.01	1/4	3,299.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,579.33	1/2	2,821.19	1/2	3,063.05	1/2	3,304.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,584.37	3/4	2,826.23	3/4	3,068.09	3/4	3,309.94	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,589.41	10	2,831.27	10	3,073.12	10	3,314.98	10		10		10		10		10		10	
1/4	2,594.45	1/4	2,836.31	1/4	3,078.16	1/4	3,320.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,599.49	1/2	2,841.34	1/2	3,083.20	1/2	3,325.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,604.52	3/4	2,846.38	3/4	3,088.24	3/4	3,330.10	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,609.56	11	2,851.42	11	3,093.28	11	3,335.14	11		11		11		11		11		11	
1/4	2,614.60	1/4	2,856.46	1/4	3,098.32	1/4	3,340.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,619.64	1/2	2,861.50	1/2	3,103.36	1/2	3,345.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,624.68	3/4	2,866.54	3/4	3,108.39	3/4	3,350.25	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/22/2016 CL
CALCULATED: 02/24/2016 CL
PRINTED: 02/24/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 143"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	1.04	0	240.88	0	513.46	0	782.45	0	1,056.88	0	1,331.30	0	1,605.73	0	1,880.15	0	2,154.58	0	2,429.00
1/4	1.99	1/4	246.60	1/4	518.99	1/4	788.17	1/4	1,062.59	1/4	1,337.02	1/4	1,611.44	1/4	1,886.87	1/4	2,160.30	1/4	2,434.72
1/2	2.95	1/2	252.32	1/2	524.53	1/2	793.88	1/2	1,068.31	1/2	1,342.74	1/2	1,617.16	1/2	1,891.59	1/2	2,166.01	1/2	2,440.44
3/4	3.90	3/4	258.03	3/4	530.06	3/4	799.60	3/4	1,074.03	3/4	1,348.45	3/4	1,622.88	3/4	1,897.30	3/4	2,171.73	3/4	2,446.16
1	4.85	1	263.75	1	535.59	1	805.32	1	1,079.74	1	1,354.17	1	1,628.60	1	1,903.02	1	2,177.45	1	2,451.87
1/4	7.71	1/4	269.47	1/4	541.13	1/4	811.04	1/4	1,085.46	1/4	1,359.89	1/4	1,634.31	1/4	1,908.74	1/4	2,183.16	1/4	2,457.59
1/2	10.57	1/2	275.18	1/2	546.66	1/2	816.75	1/2	1,091.18	1/2	1,365.60	1/2	1,640.03	1/2	1,914.46	1/2	2,188.88	1/2	2,463.31
3/4	13.43	3/4	280.90	3/4	552.19	3/4	822.47	3/4	1,096.90	3/4	1,371.32	3/4	1,645.75	3/4	1,920.17	3/4	2,194.60	3/4	2,469.02
2	16.29	2	286.62	2	557.73	2	828.19	2	1,102.61	2	1,377.04	2	1,651.46	2	1,925.89	2	2,200.32	2	2,474.74
1/4	21.05	1/4	292.34	1/4	563.26	1/4	833.91	1/4	1,108.33	1/4	1,382.76	1/4	1,657.18	1/4	1,931.61	1/4	2,206.03	1/4	2,480.46
1/2	25.81	1/2	298.05	1/2	568.79	1/2	839.62	1/2	1,114.05	1/2	1,388.47	1/2	1,662.90	1/2	1,937.32	1/2	2,211.75	1/2	2,486.18
3/4	30.57	3/4	303.77	3/4	574.33	3/4	845.34	3/4	1,119.77	3/4	1,394.19	3/4	1,668.62	3/4	1,943.04	3/4	2,217.47	3/4	2,491.89
3	35.33	3	309.49	3	579.86	3	851.06	3	1,125.48	3	1,399.91	3	1,674.33	3	1,948.76	3	2,223.18	3	2,497.61
1/4	41.00	1/4	315.20	1/4	585.39	1/4	856.77	1/4	1,131.20	1/4	1,405.63	1/4	1,680.05	1/4	1,954.48	1/4	2,228.90	1/4	2,503.33
1/2	46.67	1/2	320.92	1/2	590.93	1/2	862.49	1/2	1,136.92	1/2	1,411.34	1/2	1,685.77	1/2	1,960.19	1/2	2,234.62	1/2	2,509.04
3/4	52.34	3/4	326.64	3/4	596.46	3/4	868.21	3/4	1,142.63	3/4	1,417.06	3/4	1,691.49	3/4	1,965.91	3/4	2,240.34	3/4	2,514.76
4	58.00	4	332.35	4	601.99	4	873.93	4	1,148.35	4	1,422.78	4	1,697.20	4	1,971.63	4	2,246.05	4	2,520.48
1/4	63.71	1/4	338.07	1/4	607.53	1/4	879.64	1/4	1,154.07	1/4	1,428.49	1/4	1,702.92	1/4	1,977.35	1/4	2,251.77	1/4	2,526.20
1/2	69.41	1/2	343.79	1/2	613.06	1/2	885.36	1/2	1,159.79	1/2	1,434.21	1/2	1,708.64	1/2	1,983.06	1/2	2,257.49	1/2	2,531.91
3/4	75.11	3/4	349.51	3/4	618.59	3/4	891.08	3/4	1,165.50	3/4	1,439.93	3/4	1,714.35	3/4	1,988.78	3/4	2,263.21	3/4	2,537.63
5	80.81	5	355.22	5	624.13	5	896.79	5	1,171.22	5	1,445.65	5	1,720.07	5	1,994.50	5	2,268.92	5	2,543.35
1/4	86.53	1/4	360.94	1/4	629.67	1/4	902.51	1/4	1,176.94	1/4	1,451.36	1/4	1,725.79	1/4	2,000.21	1/4	2,274.64	1/4	2,549.07
1/2	92.24	1/2	366.66	1/2	635.20	1/2	908.23	1/2	1,182.65	1/2	1,457.08	1/2	1,731.51	1/2	2,005.93	1/2	2,280.36	1/2	2,554.78
3/4	97.96	3/4	372.37	3/4	640.74	3/4	913.95	3/4	1,188.37	3/4	1,462.80	3/4	1,737.22	3/4	2,011.65	3/4	2,286.07	3/4	2,560.50
6	103.67	6	378.09	6	646.28	6	919.66	6	1,194.09	6	1,468.51	6	1,742.94	6	2,017.37	6	2,291.79	6	2,566.22
1/4	109.39	1/4	383.81	1/4	651.82	1/4	925.38	1/4	1,199.81	1/4	1,474.23	1/4	1,748.66	1/4	2,023.08	1/4	2,297.51	1/4	2,571.93
1/2	115.11	1/2	389.52	1/2	657.37	1/2	931.10	1/2	1,205.52	1/2	1,479.95	1/2	1,754.37	1/2	2,028.80	1/2	2,303.23	1/2	2,577.65
3/4	120.83	3/4	395.24	3/4	662.91	3/4	936.81	3/4	1,211.24	3/4	1,485.67	3/4	1,760.09	3/4	2,034.52	3/4	2,308.94	3/4	2,583.37
7	126.54	7	400.96	7	668.45	7	942.53	7	1,216.96	7	1,491.38	7	1,765.81	7	2,040.23	7	2,314.66	7	2,589.09
1/4	132.26	1/4	406.68	1/4	674.08	1/4	948.25	1/4	1,222.67	1/4	1,497.10	1/4	1,771.53	1/4	2,045.95	1/4	2,320.38	1/4	2,594.80
1/2	137.98	1/2	412.39	1/2	679.71	1/2	953.97	1/2	1,228.39	1/2	1,502.82	1/2	1,777.24	1/2	2,051.67	1/2	2,326.09	1/2	2,600.52
3/4	143.69	3/4	418.11	3/4	685.34	3/4	959.68	3/4	1,234.11	3/4	1,508.53	3/4	1,782.96	3/4	2,057.39	3/4	2,331.81	3/4	2,606.24
8	149.41	8	423.83	8	690.98	8	965.40	8	1,239.83	8	1,514.25	8	1,788.68	8	2,063.10	8	2,337.53	8	2,611.95
1/4	155.13	1/4	429.54	1/4	696.69	1/4	971.12	1/4	1,245.54	1/4	1,519.97	1/4	1,794.39	1/4	2,068.82	1/4	2,343.25	1/4	2,617.67
1/2	160.84	1/2	435.26	1/2	702.41	1/2	976.84	1/2	1,251.26	1/2	1,525.69	1/2	1,800.11	1/2	2,074.54	1/2	2,348.96	1/2	2,623.39
3/4	166.56	3/4	440.98	3/4	708.13	3/4	982.55	3/4	1,256.98	3/4	1,531.40	3/4	1,805.83	3/4	2,080.25	3/4	2,354.68	3/4	2,629.11
9	172.28	9	446.69	9	713.84	9	988.27	9	1,262.70	9	1,537.12	9	1,811.55	9	2,085.97	9	2,360.40	9	2,634.82
1/4	178.00	1/4	452.32	1/4	719.56	1/4	993.99	1/4	1,268.41	1/4	1,542.84	1/4	1,817.26	1/4	2,091.69	1/4	2,366.11	1/4	2,640.54
1/2	183.71	1/2	457.94	1/2	725.28	1/2	999.70	1/2	1,274.13	1/2	1,548.56	1/2	1,822.98	1/2	2,097.41	1/2	2,371.83	1/2	2,646.26
3/4	189.43	3/4	463.57	3/4	731.00	3/4	1,005.42	3/4	1,279.85	3/4	1,554.27	3/4	1,828.70	3/4	2,103.12	3/4	2,377.55	3/4	2,651.97
10	195.15	10	469.20	10	736.71	10	1,011.14	10	1,285.56	10	1,559.99	10	1,834.42	10	2,108.84	10	2,383.27	10	2,657.69
1/4	200.86	1/4	474.73	1/4	742.43	1/4	1,016.86	1/4	1,291.28	1/4	1,565.71	1/4	1,840.13	1/4	2,114.56	1/4	2,388.98	1/4	2,663.41
1/2	206.58	1/2	480.26	1/2	748.15	1/2	1,022.57	1/2	1,297.00	1/2	1,571.42	1/2	1,845.85	1/2	2,120.28	1/2	2,394.70	1/2	2,669.13
3/4	212.30	3/4	485.80	3/4	753.86	3/4	1,028.29	3/4	1,302.72	3/4	1,577.14	3/4	1,851.57	3/4	2,125.99	3/4	2,400.42	3/4	2,674.84
11	218.01	11	491.33	11	759.58	11	1,034.01	11	1,308.43	11	1,582.86	11	1,857.28	11	2,131.71	11	2,406.14	11	2,680.56
1/4	223.73	1/4	496.86	1/4	765.30	1/4	1,039.72	1/4	1,314.15	1/4	1,588.58	1/4	1,863.00	1/4	2,137.43	1/4	2,411.85	1/4	2,686.28
1/2	229.45	1/2	502.39	1/2	771.02	1/2	1,045.44	1/2	1,319.87	1/2	1,594.29	1/2	1,868.72	1/2	2,143.14	1/2	2,417.57	1/2	2,692.00
3/4	235.17	3/4	507.93	3/4	776.73	3/4	1,051.16	3/4	1,325.58	3/4	1,600.01	3/4	1,874.44	3/4	2,148.86	3/4	2,423.29	3/4	2,697.71

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD

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



BARGE "WEB 143"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,703.43	0	2,977.86	0	3,252.28	0	3,526.71	0	3,801.13	0		0		0		0		0	
1/4	2,709.15	1/4	2,983.57	1/4	3,258.00	1/4	3,532.42	1/4	3,806.85	1/4		1/4		1/4		1/4		1/4	
1/2	2,714.86	1/2	2,989.29	1/2	3,263.72	1/2	3,538.14	1/2	3,812.57	1/2		1/2		1/2		1/2		1/2	
3/4	2,720.58	3/4	2,995.01	3/4	3,269.43	3/4	3,543.86	3/4	3,818.28	3/4		3/4		3/4		3/4		3/4	
1	2,726.30	1	3,000.72	1	3,275.15	1	3,549.58	1	3,824.00	1		1		1		1		1	
1/4	2,732.02	1/4	3,006.44	1/4	3,280.87	1/4	3,555.29	1/4	3,829.72	1/4		1/4		1/4		1/4		1/4	
1/2	2,737.73	1/2	3,012.16	1/2	3,286.58	1/2	3,561.01	1/2	3,835.44	1/2		1/2		1/2		1/2		1/2	
3/4	2,743.45	3/4	3,017.88	3/4	3,292.30	3/4	3,566.73	3/4	3,841.15	3/4		3/4		3/4		3/4		3/4	
2	2,749.17	2	3,023.59	2	3,298.02	2	3,572.44	2	3,846.87	2		2		2		2		2	
1/4	2,754.88	1/4	3,029.31	1/4	3,303.74	1/4	3,578.16	1/4	3,852.59	1/4		1/4		1/4		1/4		1/4	
1/2	2,760.60	1/2	3,035.03	1/2	3,309.45	1/2	3,583.88	1/2	3,858.31	1/2		1/2		1/2		1/2		1/2	
3/4	2,766.32	3/4	3,040.74	3/4	3,315.17	3/4	3,589.60	3/4	3,864.03	3/4		3/4		3/4		3/4		3/4	
3	2,772.04	3	3,046.46	3	3,320.89	3	3,595.31	3	3,869.75	3		3		3		3		3	
1/4	2,777.75	1/4	3,052.18	1/4	3,326.60	1/4	3,601.03	1/4	3,875.46	1/4		1/4		1/4		1/4		1/4	
1/2	2,783.47	1/2	3,057.90	1/2	3,332.32	1/2	3,606.75	1/2	3,881.16	1/2		1/2		1/2		1/2		1/2	
3/4	2,789.19	3/4	3,063.61	3/4	3,338.04	3/4	3,612.46	3/4	3,886.86	3/4		3/4		3/4		3/4		3/4	
4	2,794.90	4	3,069.33	4	3,343.76	4	3,618.18	4	3,892.56	4		4		4		4		4	
1/4	2,800.62	1/4	3,075.05	1/4	3,349.47	1/4	3,623.90	1/4	3,898.23	1/4		1/4		1/4		1/4		1/4	
1/2	2,806.34	1/2	3,080.76	1/2	3,355.19	1/2	3,629.62	1/2	3,903.90	1/2		1/2		1/2		1/2		1/2	
3/4	2,812.06	3/4	3,086.48	3/4	3,360.91	3/4	3,635.33	3/4	3,909.57	3/4		3/4		3/4		3/4		3/4	
5	2,817.77	5	3,092.20	5	3,366.62	5	3,641.05	5	3,915.24	5		5		5		5		5	
1/4	2,823.49	1/4	3,097.92	1/4	3,372.34	1/4	3,646.77	1/4	3,920.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,829.21	1/2	3,103.63	1/2	3,378.06	1/2	3,652.48	1/2	3,924.76	1/2		1/2		1/2		1/2		1/2	
3/4	2,834.93	3/4	3,109.35	3/4	3,383.78	3/4	3,658.20	3/4	3,929.52	3/4		3/4		3/4		3/4		3/4	
6	2,840.64	6	3,115.07	6	3,389.49	6	3,663.92	6	3,934.28	6		6		6		6		6	
1/4	2,846.36	1/4	3,120.79	1/4	3,395.21	1/4	3,669.64	1/4	3,937.14	1/4		1/4		1/4		1/4		1/4	
1/2	2,852.08	1/2	3,126.50	1/2	3,400.93	1/2	3,675.35	1/2	3,940.00	1/2		1/2		1/2		1/2		1/2	
3/4	2,857.79	3/4	3,132.22	3/4	3,406.65	3/4	3,681.07	3/4	3,942.86	3/4		3/4		3/4		3/4		3/4	
7	2,863.51	7	3,137.94	7	3,412.36	7	3,686.79	7	3,945.72	7		7		7		7		7	
1/4	2,869.23	1/4	3,143.65	1/4	3,418.08	1/4	3,692.51	1/4	3,946.67	1/4		1/4		1/4		1/4		1/4	
1/2	2,874.95	1/2	3,149.37	1/2	3,423.80	1/2	3,698.22	1/2	3,947.62	1/2		1/2		1/2		1/2		1/2	
3/4	2,880.66	3/4	3,155.09	3/4	3,429.51	3/4	3,703.94	3/4	3,948.58	3/4		3/4		3/4		3/4		3/4	
8	2,886.38	8	3,160.81	8	3,435.23	8	3,709.66	8	3,949.53	8		8		8		8		8	
1/4	2,892.10	1/4	3,166.52	1/4	3,440.95	1/4	3,715.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,897.81	1/2	3,172.24	1/2	3,446.67	1/2	3,721.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,903.53	3/4	3,177.96	3/4	3,452.38	3/4	3,726.81	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,909.25	9	3,183.67	9	3,458.10	9	3,732.53	9		9		9		9		9		9	
1/4	2,914.97	1/4	3,189.39	1/4	3,463.82	1/4	3,738.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,920.68	1/2	3,195.11	1/2	3,469.53	1/2	3,743.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,926.40	3/4	3,200.83	3/4	3,475.25	3/4	3,749.68	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,932.12	10	3,206.54	10	3,480.97	10	3,755.39	10		10		10		10		10		10	
1/4	2,937.83	1/4	3,212.26	1/4	3,486.69	1/4	3,761.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,943.55	1/2	3,217.98	1/2	3,492.40	1/2	3,766.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,949.27	3/4	3,223.69	3/4	3,498.12	3/4	3,772.55	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,954.99	11	3,229.41	11	3,503.84	11	3,778.26	11		11		11		11		11		11	
1/4	2,960.70	1/4	3,235.13	1/4	3,509.55	1/4	3,783.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,966.42	1/2	3,240.85	1/2	3,515.27	1/2	3,789.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,972.14	3/4	3,246.56	3/4	3,520.99	3/4	3,795.41	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 02/22/2016 CL
CALCULATED: 02/24/2016 CL
PRINTED: 02/24/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 143"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	3.56	0	223.48	0	473.56	0	720.47	0	971.82	0	1,222.93	0	1,473.71	0	1,724.50	0	1,975.34	0	2,226.34
1/4	4.43	1/4	228.72	1/4	478.65	1/4	725.70	1/4	977.05	1/4	1,228.15	1/4	1,478.94	1/4	1,729.72	1/4	1,980.57	1/4	2,231.57
1/2	5.30	1/2	233.96	1/2	483.73	1/2	730.94	1/2	982.29	1/2	1,233.38	1/2	1,484.16	1/2	1,734.95	1/2	1,985.80	1/2	2,236.79
3/4	6.18	3/4	239.20	3/4	488.82	3/4	736.18	3/4	987.52	3/4	1,238.60	3/4	1,489.39	3/4	1,740.17	3/4	1,991.03	3/4	2,242.01
1	7.05	1	244.45	1	493.91	1	741.41	1	992.76	1	1,243.83	1	1,494.61	1	1,745.40	1	1,996.26	1	2,247.23
1/4	9.67	1/4	249.69	1/4	498.99	1/4	746.65	1/4	998.00	1/4	1,249.05	1/4	1,499.84	1/4	1,750.62	1/4	2,001.49	1/4	2,252.46
1/2	12.29	1/2	254.93	1/2	504.08	1/2	751.89	1/2	1,003.23	1/2	1,254.28	1/2	1,505.06	1/2	1,755.85	1/2	2,006.72	1/2	2,257.68
3/4	14.91	3/4	260.17	3/4	509.17	3/4	757.12	3/4	1,008.47	3/4	1,259.50	3/4	1,510.29	3/4	1,761.07	3/4	2,011.95	3/4	2,262.90
2	17.53	2	265.42	2	514.26	2	762.36	2	1,013.71	2	1,264.73	2	1,515.51	2	1,766.30	2	2,017.18	2	2,268.12
1/4	21.90	1/4	270.66	1/4	519.34	1/4	767.60	1/4	1,018.94	1/4	1,269.95	1/4	1,520.74	1/4	1,771.52	1/4	2,022.41	1/4	2,273.35
1/2	26.27	1/2	275.90	1/2	524.43	1/2	772.83	1/2	1,024.18	1/2	1,275.18	1/2	1,525.96	1/2	1,776.75	1/2	2,027.64	1/2	2,278.57
3/4	30.63	3/4	281.14	3/4	529.52	3/4	778.07	3/4	1,029.42	3/4	1,280.40	3/4	1,531.19	3/4	1,781.97	3/4	2,032.87	3/4	2,283.79
3	35.00	3	286.39	3	534.61	3	783.31	3	1,034.65	3	1,285.63	3	1,536.41	3	1,787.20	3	2,038.10	3	2,289.01
1/4	40.20	1/4	291.63	1/4	539.69	1/4	788.54	1/4	1,039.89	1/4	1,290.85	1/4	1,541.64	1/4	1,792.42	1/4	2,043.33	1/4	2,294.24
1/2	45.39	1/2	296.87	1/2	544.78	1/2	793.78	1/2	1,045.13	1/2	1,296.07	1/2	1,546.86	1/2	1,797.65	1/2	2,048.56	1/2	2,299.46
3/4	50.59	3/4	302.11	3/4	549.87	3/4	799.01	3/4	1,050.36	3/4	1,301.30	3/4	1,552.08	3/4	1,802.87	3/4	2,053.79	3/4	2,304.68
4	55.78	4	307.36	4	554.95	4	804.25	4	1,055.60	4	1,306.52	4	1,557.31	4	1,808.10	4	2,059.02	4	2,309.90
1/4	61.01	1/4	312.60	1/4	560.04	1/4	809.49	1/4	1,060.83	1/4	1,311.75	1/4	1,562.53	1/4	1,813.32	1/4	2,064.24	1/4	2,315.13
1/2	66.24	1/2	317.84	1/2	565.13	1/2	814.72	1/2	1,066.07	1/2	1,316.97	1/2	1,567.76	1/2	1,818.54	1/2	2,069.47	1/2	2,320.35
3/4	71.47	3/4	323.08	3/4	570.22	3/4	819.96	3/4	1,071.31	3/4	1,322.20	3/4	1,572.98	3/4	1,823.77	3/4	2,074.70	3/4	2,325.57
5	76.70	5	328.32	5	575.30	5	825.20	5	1,076.54	5	1,327.42	5	1,578.21	5	1,828.99	5	2,079.93	5	2,330.79
1/4	81.94	1/4	333.57	1/4	580.39	1/4	830.43	1/4	1,081.78	1/4	1,332.65	1/4	1,583.43	1/4	1,834.22	1/4	2,085.16	1/4	2,336.02
1/2	87.18	1/2	338.81	1/2	585.48	1/2	835.67	1/2	1,087.02	1/2	1,337.87	1/2	1,588.66	1/2	1,839.44	1/2	2,090.39	1/2	2,341.24
3/4	92.42	3/4	344.05	3/4	590.57	3/4	840.91	3/4	1,092.25	3/4	1,343.10	3/4	1,593.88	3/4	1,844.67	3/4	2,095.62	3/4	2,346.46
6	97.66	6	349.29	6	595.66	6	846.14	6	1,097.49	6	1,348.32	6	1,599.11	6	1,849.89	6	2,100.85	6	2,351.68
1/4	102.90	1/4	354.54	1/4	600.75	1/4	851.38	1/4	1,102.73	1/4	1,353.55	1/4	1,604.33	1/4	1,855.12	1/4	2,106.08	1/4	2,356.91
1/2	108.14	1/2	359.78	1/2	605.85	1/2	856.61	1/2	1,107.96	1/2	1,358.77	1/2	1,609.56	1/2	1,860.34	1/2	2,111.31	1/2	2,362.13
3/4	113.39	3/4	365.02	3/4	610.94	3/4	861.85	3/4	1,113.20	3/4	1,364.00	3/4	1,614.78	3/4	1,865.57	3/4	2,116.54	3/4	2,367.35
7	118.63	7	370.26	7	616.03	7	867.09	7	1,118.43	7	1,369.22	7	1,620.01	7	1,870.79	7	2,121.77	7	2,372.58
1/4	123.87	1/4	375.51	1/4	621.19	1/4	872.32	1/4	1,123.66	1/4	1,374.44	1/4	1,625.23	1/4	1,876.02	1/4	2,127.00	1/4	2,377.80
1/2	129.11	1/2	380.75	1/2	626.36	1/2	877.56	1/2	1,128.88	1/2	1,379.67	1/2	1,630.46	1/2	1,881.24	1/2	2,132.23	1/2	2,383.03
3/4	134.36	3/4	385.99	3/4	631.52	3/4	882.80	3/4	1,134.11	3/4	1,384.89	3/4	1,635.68	3/4	1,886.47	3/4	2,137.46	3/4	2,388.25
8	139.60	8	391.23	8	636.69	8	888.03	8	1,139.33	8	1,390.12	8	1,640.90	8	1,891.69	8	2,142.69	8	2,393.48
1/4	144.84	1/4	396.48	1/4	641.92	1/4	893.27	1/4	1,144.56	1/4	1,395.34	1/4	1,646.13	1/4	1,896.91	1/4	2,147.92	1/4	2,398.71
1/2	150.08	1/2	401.72	1/2	647.16	1/2	898.51	1/2	1,149.78	1/2	1,400.57	1/2	1,651.35	1/2	1,902.14	1/2	2,153.15	1/2	2,403.93
3/4	155.33	3/4	406.96	3/4	652.40	3/4	903.74	3/4	1,155.01	3/4	1,405.79	3/4	1,656.58	3/4	1,907.36	3/4	2,158.38	3/4	2,409.16
9	160.57	9	412.20	9	657.63	9	908.98	9	1,160.23	9	1,411.02	9	1,661.80	9	1,912.59	9	2,163.60	9	2,414.39
1/4	165.81	1/4	417.37	1/4	662.87	1/4	914.22	1/4	1,165.46	1/4	1,416.24	1/4	1,667.03	1/4	1,917.82	1/4	2,168.83	1/4	2,419.62
1/2	171.05	1/2	422.53	1/2	668.10	1/2	919.45	1/2	1,170.68	1/2	1,421.47	1/2	1,672.25	1/2	1,923.05	1/2	2,174.06	1/2	2,424.85
3/4	176.30	3/4	427.70	3/4	673.34	3/4	924.69	3/4	1,175.91	3/4	1,426.69	3/4	1,677.48	3/4	1,928.28	3/4	2,179.29	3/4	2,430.07
10	181.54	10	432.86	10	678.58	10	929.92	10	1,181.13	10	1,431.92	10	1,682.70	10	1,933.51	10	2,184.52	10	2,435.30
1/4	186.78	1/4	437.95	1/4	683.81	1/4	935.16	1/4	1,186.36	1/4	1,437.14	1/4	1,687.93	1/4	1,938.74	1/4	2,189.75	1/4	2,440.53
1/2	192.02	1/2	443.03	1/2	689.05	1/2	940.40	1/2	1,191.58	1/2	1,442.37	1/2	1,693.15	1/2	1,943.97	1/2	2,194.98	1/2	2,445.76
3/4	197.26	3/4	448.12	3/4	694.29	3/4	945.63	3/4	1,196.81	3/4	1,447.59	3/4	1,698.38	3/4	1,949.20	3/4	2,200.21	3/4	2,450.98
11	202.51	11	453.21	11	699.52	11	950.87	11	1,202.03	11	1,452.82	11	1,703.60	11	1,954.43	11	2,205.44	11	2,456.21
1/4	207.75	1/4	458.30	1/4	704.76	1/4	956.11	1/4	1,207.25	1/4	1,458.04	1/4	1,708.83	1/4	1,959.65	1/4	2,210.67	1/4	2,461.44
1/2	212.99	1/2	463.38	1/2	710.00	1/2	961.34	1/2	1,212.48	1/2	1,463.26	1/2	1,714.05	1/2	1,964.88	1/2	2,215.89	1/2	2,466.67
3/4	218.23	3/4	468.47	3/4	715.23	3/4	966.58	3/4	1,217.70	3/4	1,468.49	3/4	1,719.28	3/4	1,970.11	3/4	2,221.12	3/4	2,471.90

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

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



BARGE "WEB 143"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	2,477.12	0	2,725.30	0	2,941.16	0	3,157.01	0	3,372.87	0		0		0		0		0	
1/4	2,482.35	1/4	2,729.80	1/4	2,945.65	1/4	3,161.51	1/4	3,377.36	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,487.58	1/2	2,734.29	1/2	2,950.15	1/2	3,166.01	1/2	3,381.86	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,492.81	3/4	2,738.79	3/4	2,954.65	3/4	3,170.50	3/4	3,386.36	3/4		3/4		3/4	3/4		3/4	3/4	
1	2,498.04	1	2,743.29	1	2,959.14	1	3,175.00	1	3,390.86	1		1		1	1		1	1	
1/4	2,503.26	1/4	2,747.78	1/4	2,963.64	1/4	3,179.50	1/4	3,395.35	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,508.49	1/2	2,752.28	1/2	2,968.14	1/2	3,183.99	1/2	3,399.85	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,513.72	3/4	2,756.78	3/4	2,972.63	3/4	3,188.49	3/4	3,404.35	3/4		3/4		3/4	3/4		3/4	3/4	
2	2,518.95	2	2,761.28	2	2,977.13	2	3,192.99	2	3,408.84	2		2		2	2		2	2	
1/4	2,524.18	1/4	2,765.77	1/4	2,981.63	1/4	3,197.48	1/4	3,413.34	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,529.40	1/2	2,770.27	1/2	2,986.13	1/2	3,201.98	1/2	3,417.83	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,534.63	3/4	2,774.77	3/4	2,990.62	3/4	3,206.48	3/4	3,422.33	3/4		3/4		3/4	3/4		3/4	3/4	
3	2,539.86	3	2,779.26	3	2,995.12	3	3,210.98	3	3,426.83	3		3		3	3		3	3	
1/4	2,545.09	1/4	2,783.76	1/4	2,999.62	1/4	3,215.47	1/4	3,431.31	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,550.31	1/2	2,788.26	1/2	3,004.11	1/2	3,219.97	1/2	3,435.79	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,555.54	3/4	2,792.75	3/4	3,008.61	3/4	3,224.47	3/4	3,440.28	3/4		3/4		3/4	3/4		3/4	3/4	
4	2,560.77	4	2,797.25	4	3,013.11	4	3,228.96	4	3,444.76	4		4		4	4		4	4	
1/4	2,566.00	1/4	2,801.75	1/4	3,017.60	1/4	3,233.46	1/4	3,449.21	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,571.23	1/2	2,806.25	1/2	3,022.10	1/2	3,237.96	1/2	3,453.66	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,576.45	3/4	2,810.74	3/4	3,026.60	3/4	3,242.45	3/4	3,458.12	3/4		3/4		3/4	3/4		3/4	3/4	
5	2,581.68	5	2,815.24	5	3,031.10	5	3,246.95	5	3,462.57	5		5		5	5		5	5	
1/4	2,586.91	1/4	2,819.74	1/4	3,035.59	1/4	3,251.45	1/4	3,466.19	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,592.14	1/2	2,824.23	1/2	3,040.09	1/2	3,255.95	1/2	3,469.81	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,597.37	3/4	2,828.73	3/4	3,044.59	3/4	3,260.44	3/4	3,473.43	3/4		3/4		3/4	3/4		3/4	3/4	
6	2,602.59	6	2,833.23	6	3,049.08	6	3,264.94	6	3,477.05	6		6		6	6		6	6	
1/4	2,607.82	1/4	2,837.72	1/4	3,053.58	1/4	3,269.44	1/4	3,478.93	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,613.05	1/2	2,842.22	1/2	3,058.08	1/2	3,273.93	1/2	3,480.80	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,618.28	3/4	2,846.72	3/4	3,062.57	3/4	3,278.43	3/4	3,482.68	3/4		3/4		3/4	3/4		3/4	3/4	
7	2,623.51	7	2,851.22	7	3,067.07	7	3,282.93	7	3,484.55	7		7		7	7		7	7	
1/4	2,628.73	1/4	2,855.71	1/4	3,071.57	1/4	3,287.42	1/4	3,484.68	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,633.96	1/2	2,860.21	1/2	3,076.07	1/2	3,291.92	1/2	3,484.81	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,639.19	3/4	2,864.71	3/4	3,080.56	3/4	3,296.42	3/4	3,484.94	3/4		3/4		3/4	3/4		3/4	3/4	
8	2,644.42	8	2,869.20	8	3,085.06	8	3,300.92	8	3,485.07	8		8		8	8		8	8	
1/4	2,649.66	1/4	2,873.70	1/4	3,089.56	1/4	3,305.41	1/4		1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,654.90	1/2	2,878.20	1/2	3,094.05	1/2	3,309.91	1/2		1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,660.14	3/4	2,882.69	3/4	3,098.55	3/4	3,314.41	3/4		3/4		3/4		3/4	3/4		3/4	3/4	
9	2,665.38	9	2,887.19	9	3,103.05	9	3,318.90	9		9		9		9	9		9	9	
1/4	2,670.62	1/4	2,891.69	1/4	3,107.54	1/4	3,323.40	1/4		1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,675.86	1/2	2,896.19	1/2	3,112.04	1/2	3,327.90	1/2		1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,681.11	3/4	2,900.68	3/4	3,116.54	3/4	3,332.39	3/4		3/4		3/4		3/4	3/4		3/4	3/4	
10	2,686.35	10	2,905.18	10	3,121.04	10	3,336.89	10		10		10		10	10		10	10	
1/4	2,691.59	1/4	2,909.68	1/4	3,125.53	1/4	3,341.39	1/4		1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,696.83	1/2	2,914.17	1/2	3,130.03	1/2	3,345.89	1/2		1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,702.07	3/4	2,918.67	3/4	3,134.53	3/4	3,350.38	3/4		3/4		3/4		3/4	3/4		3/4	3/4	
11	2,707.31	11	2,923.17	11	3,139.02	11	3,354.88	11		11		11		11	11		11	11	
1/4	2,711.81	1/4	2,927.66	1/4	3,143.52	1/4	3,359.38	1/4		1/4		1/4		1/4	1/4		1/4	1/4	
1/2	2,716.31	1/2	2,932.16	1/2	3,148.02	1/2	3,363.87	1/2		1/2		1/2		1/2	1/2		1/2	1/2	
3/4	2,720.80	3/4	2,936.66	3/4	3,152.51	3/4	3,368.37	3/4		3/4		3/4		3/4	3/4		3/4	3/4	

STRAPPED: 02/22/2016 CL
CALCULATED: 02/24/2016 CL
PRINTED: 02/24/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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