BARGE "303"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
2 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
3 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
4 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
4 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
5 PORT	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8
5 STBD	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8	00-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT	**=**	**2'-00"**	
AFT DRAFT	**=**	**5'-00"**	
DIFF.	**=**	**3'-00"**	**(DOWN BY STERN)**

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

April 8, 2020

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

http://www.pmacorp.net

BARGE "303"

1 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.62	6	75.04	0	153.01	6	231.01	0	309.01	6	387.01	0	465.01	6	543.01	0	621.01	6	699.01
1/8	6.53	1/8	76.67	1/8	154.63	1/8	232.63	1/8	310.63	1/8	388.63	1/8	466.63	1/8	544.63	1/8	622.63	1/8	700.63
1/4	7.45	1/4	78.29	1/4	156.26	1/4	234.26	1/4	312.26	1/4	390.26	1/4	468.26	1/4	546.26	1/4	624.26	1/4	702.26
3/8	8.36	3/8	79.92	3/8	157.88	3/8	235.88	3/8	313.88	3/8	391.88	3/8	469.88	3/8	547.88	3/8	625.88	3/8	703.88
1/2	9.27	1/2	81.54	1/2	159.51	1/2	237.51	1/2	315.51	1/2	393.51	1/2	471.51	1/2	549.51	1/2	627.51	1/2	705.51
5/8	10.19	5/8	83.17	5/8	161.13	5/8	239.13	5/8	317.13	5/8	395.13	5/8	473.13	5/8	551.13	5/8	629.13	5/8	707.13
3/4	11.10	3/4	84.79	3/4	162.76	3/4	240.76	3/4	318.76	3/4	396.76	3/4	474.76	3/4	552.76	3/4	630.76	3/4	708.76
7/8	12.02	7/8	86.42	7/8	164.38	7/8	242.38	7/8	320.38	7/8	398.38	7/8	476.38	7/8	554.38	7/8	632.38	7/8	710.38
1	12.93	7	88.04	1	166.01	7	244.01	1	322.01	7	400.01	1	478.01	7	556.01	1	634.01	7	712.01
1/8	14.25	1/8	89.66	1/8	167.63	1/8	245.63	1/8	323.63	1/8	401.63	1/8	479.63	1/8	557.63	1/8	635.63	1/8	713.63
1/4	15.57	1/4	91.29	1/4	169.26	1/4	247.26	1/4	325.26	1/4	403.26	1/4	481.26	1/4	559.26	1/4	637.26	1/4	715.26
3/8	16.89	3/8	92.91	3/8	170.88	3/8	248.88	3/8	326.88	3/8	404.88	3/8	482.88	3/8	560.88	3/8	638.88	3/8	716.88
1/2	18.20	1/2	94.53	1/2	172.51	1/2	250.51	1/2	328.51	1/2	406.51	1/2	484.51	1/2	562.51	1/2	640.51	1/2	718.51
5/8	19.52	5/8	96.16	5/8	174.13	5/8	252.13	5/8	330.13	5/8	408.13	5/8	486.13	5/8	564.13	5/8	642.13	5/8	720.13
3/4	20.84	3/4	97.78	3/4	175.76	3/4	253.76	3/4	331.76	3/4	409.76	3/4	487.76	3/4	565.76	3/4	643.76	3/4	721.76
7/8	22.16	7/8	99.41	7/8	177.38	7/8	255.38	7/8	333.38	7/8	411.38	7/8	489.38	7/8	567.38	7/8	645.38	7/8	723.38
2	23.48	8	101.03	2	179.01	8	257.01	2	335.01	8	413.01	2	491.01	8	569.01	2	647.01	8	725.01
1/8	25.05	1/8	102.65	1/8	180.63	1/8	258.63	1/8	336.63	1/8	414.63	1/8	492.63	1/8	570.63	1/8	648.63	1/8	726.63
1/4	26.63	1/4	104.28	1/4	182.26	1/4	260.26	1/4	338.26	1/4	416.26	1/4	494.26	1/4	572.26	1/4	650.26	1/4	728.26
3/8	28.20	3/8	105.90	3/8	183.88	3/8	261.88	3/8	339.88	3/8	417.88	3/8	495.88	3/8	573.88	3/8	651.88	3/8	729.88
1/2	29.77	1/2	107.52	1/2	185.51	1/2	263.51	1/2	341.51	1/2	419.51	1/2	497.51	1/2	575.51	1/2	653.51	1/2	731.51
5/8	31.35	5/8	109.15	5/8	187.13	5/8	265.13	5/8	343.13	5/8	421.13	5/8	499.13	5/8	577.13	5/8	655.13	5/8	733.13
3/4	32.92	3/4	110.77	3/4	188.76	3/4	266.76	3/4	344.76	3/4	422.76	3/4	500.76	3/4	578.76	3/4	656.76	3/4	734.76
7/8	34.50	7/8	112.40	7/8	190.38	7/8	268.38	7/8	346.38	7/8	424.38	7/8	502.38	7/8	580.38	7/8	658.38	7/8	736.38
3	36.07	9	114.02	3	192.01	9	270.01	3	348.01	9	426.01	3	504.01	9	582.01	3	660.01	9	738.01
1/8	37.69	1/8	115.64	1/8	193.63	1/8	271.63	1/8	349.63	1/8	427.63	1/8	505.63	1/8	583.63	1/8	661.63	1/8	739.63
1/4	39.32	1/4	117.27	1/4	195.26	1/4	273.26	1/4	351.26	1/4	429.26	1/4	507.26	1/4	585.26	1/4	663.26	1/4	741.26
3/8	40.94	3/8	118.89	3/8	196.88	3/8	274.88	3/8	352.88	3/8	430.88	3/8	508.88	3/8	586.88	3/8	664.88	3/8	742.88
1/2	42.56	1/2	120.51	1/2	198.51	1/2	276.51	1/2	354.51	1/2	432.51	1/2	510.51	1/2	588.51	1/2	666.51	1/2	744.51
5/8	44.19	5/8	122.14	5/8	200.13	5/8	278.13	5/8	356.13	5/8	434.13	5/8	512.13	5/8	590.13	5/8	668.13	5/8	746.13
3/4	45.81	3/4	123.76	3/4	201.76	3/4	279.76	3/4	357.76	3/4	435.76	3/4	513.76	3/4	591.76	3/4	669.76	3/4	747.76
7/8	47.44	7/8	125.39	7/8	203.38	7/8	281.38	7/8	359.38	7/8	437.38	7/8	515.38	7/8	593.38	7/8	671.38	7/8	749.38
4	49.06	10	127.01	4	205.01	10	283.01	4	361.01	10	439.01	4	517.01	10	595.01	4	673.01	10	751.01
1/8	50.68	1/8	128.63	1/8	206.63	1/8	284.63	1/8	362.63	1/8	440.63	1/8	518.63	1/8	596.63	1/8	674.63	1/8	752.63
1/4	52.31	1/4	130.26	1/4	208.26	1/4	286.26	1/4	364.26	1/4	442.26	1/4	520.26	1/4	598.26	1/4	676.26	1/4	754.26
3/8	53.93	3/8	131.88	3/8	209.88	3/8	287.88	3/8	365.88	3/8	443.88	3/8	521.88	3/8	599.88	3/8	677.88	3/8	755.88
1/2	55.56	1/2	133.51	1/2	211.51	1/2	289.51	1/2	367.51	1/2	445.51	1/2	523.51	1/2	601.51	1/2	679.51	1/2	757.51
5/8	57.18	5/8	135.13	5/8	213.13	5/8	291.13	5/8	369.13	5/8	447.13	5/8	525.13	5/8	603.13	5/8	681.13	5/8	759.13
3/4	58.80	3/4	136.76	3/4	214.76	3/4	292.76	3/4	370.76	3/4	448.76	3/4	526.76	3/4	604.76	3/4	682.76	3/4	760.76
7/8	60.43	7/8	138.38	7/8	216.38	7/8	294.38	7/8	372.38	7/8	450.38	7/8	528.38	7/8	606.38	7/8	684.38	7/8	762.38
5	62.05	11	140.01	5	218.01	11	296.01	5	374.01	11	452.01	5	530.01	11	608.01	5	686.01	11	764.01
1/8	63.67	1/8	141.63	1/8	219.63	1/8	297.63	1/8	375.63	1/8	453.63	1/8	531.63	1/8	609.63	1/8	687.63	1/8	765.63
1/4	65.30	1/4	143.26	1/4	221.26	1/4	299.26	1/4	377.26	1/4	455.26	1/4	533.26	1/4	611.26	1/4	689.26	1/4	767.26
3/8	66.92	3/8	144.88	3/8	222.88	3/8	300.88	3/8	378.88	3/8	456.88	3/8	534.88	3/8	612.88	3/8	690.88	3/8	768.88
1/2	68.55	1/2	146.51	1/2	224.51	1/2	302.51	1/2	380.51	1/2	458.51	1/2	536.51	1/2	614.51	1/2	692.51	1/2	770.51
5/8	70.17	5/8	148.13	5/8	226.13	5/8	304.13	5/8	382.13	5/8	460.13	5/8	538.13	5/8	616.13	5/8	694.13	5/8	772.13
3/4	71.79	3/4	149.76	3/4	227.76	3/4	305.76	3/4	383.76	3/4	461.76	3/4	539.76	3/4	617.76	3/4	695.76	3/4	773.76
7/8	73.42	7/8	151.38	7/8	229.38	7/8	307.38	7/8	385.38	7/8	463.38	7/8	541.38	7/8	619.38	7/8	697.38	7/8	775.38

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 20'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "303"

1 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	777.01	6	855.01	0	933.01	6	1,011.01	0	1,089.01	6	1,167.01	0	1,244.98	6	1,322.74	0	1,400.50	6	1,478.26
1/8	778.63	1/8	856.63	1/8	934.63	1/8	1,012.63	1/8	1,090.63	1/8	1,168.63	1/8	1,246.60	1/8	1,324.36	1/8	1,402.12	1/8	1,479.76
1/4	780.26	1/4	858.26	1/4	936.26	1/4	1,014.26	1/4	1,092.26	1/4	1,170.26	1/4	1,248.22	1/4	1,325.98	1/4	1,403.74	1/4	1,481.27
3/8	781.88	3/8	859.88	3/8	937.88	3/8	1,015.88	3/8	1,093.88	3/8	1,171.88	3/8	1,249.84	3/8	1,327.60	3/8	1,405.36	3/8	1,482.77
1/2	783.51	1/2	861.51	1/2	939.51	1/2	1,017.51	1/2	1,095.51	1/2	1,173.51	1/2	1,251.46	1/2	1,329.22	1/2	1,406.98	1/2	1,484.28
5/8	785.13	5/8	863.13	5/8	941.13	5/8	1,019.13	5/8	1,097.13	5/8	1,175.13	5/8	1,253.08	5/8	1,330.84	5/8	1,408.60	5/8	1,485.78
3/4	786.76	3/4	864.76	3/4	942.76	3/4	1,020.76	3/4	1,098.76	3/4	1,176.76	3/4	1,254.70	3/4	1,332.46	3/4	1,410.22	3/4	1,487.29
7/8	788.38	7/8	866.38	7/8	944.38	7/8	1,022.38	7/8	1,100.38	7/8	1,178.38	7/8	1,256.32	7/8	1,334.08	7/8	1,411.84	7/8	1,488.79
1	790.01	7	868.01	1	946.01	7	1,024.01	1	1,102.01	7	1,180.01	1	1,257.94	7	1,335.70	1	1,413.46	7	1,490.30
1/8	791.63	1/8	869.63	1/8	947.63	1/8	1,025.63	1/8	1,103.63	1/8	1,181.63	1/8	1,259.56	1/8	1,337.32	1/8	1,415.08	1/8	1,491.53
1/4	793.26	1/4	871.26	1/4	949.26	1/4	1,027.26	1/4	1,105.26	1/4	1,183.26	1/4	1,261.18	1/4	1,338.94	1/4	1,416.70	1/4	1,492.76
3/8	794.88	3/8	872.88	3/8	950.88	3/8	1,028.88	3/8	1,106.88	3/8	1,184.88	3/8	1,262.80	3/8	1,340.56	3/8	1,418.32	3/8	1,494.00
1/2	796.51	1/2	874.51	1/2	952.51	1/2	1,030.51	1/2	1,108.51	1/2	1,186.51	1/2	1,264.42	1/2	1,342.18	1/2	1,419.94	1/2	1,495.23
5/8	798.13	5/8	876.13	5/8	954.13	5/8	1,032.13	5/8	1,110.13	5/8	1,188.13	5/8	1,266.04	5/8	1,343.80	5/8	1,421.56	5/8	1,496.46
3/4	799.76	3/4	877.76	3/4	955.76	3/4	1,033.76	3/4	1,111.76	3/4	1,189.76	3/4	1,267.66	3/4	1,345.42	3/4	1,423.18	3/4	1,497.69
7/8	801.38	7/8	879.38	7/8	957.38	7/8	1,035.38	7/8	1,113.38	7/8	1,191.38	7/8	1,269.28	7/8	1,347.04	7/8	1,424.80	7/8	1,498.93
2	803.01	8	881.01	2	959.01	8	1,037.01	2	1,115.01	8	1,193.01	2	1,270.90	8	1,348.66	2	1,426.42	8	1,500.16
1/8	804.63	1/8	882.63	1/8	960.63	1/8	1,038.63	1/8	1,116.63	1/8	1,194.63	1/8	1,272.52	1/8	1,350.28	1/8	1,428.04	1/8	1,501.09
1/4	806.26	1/4	884.26	1/4	962.26	1/4	1,040.26	1/4	1,118.26	1/4	1,196.26	1/4	1,274.14	1/4	1,351.90	1/4	1,429.66	1/4	1,502.01
3/8	807.88	3/8	885.88	3/8	963.88	3/8	1,041.88	3/8	1,119.88	3/8	1,197.88	3/8	1,275.76	3/8	1,353.52	3/8	1,431.28	3/8	1,502.94
1/2	809.51	1/2	887.51	1/2	965.51	1/2	1,043.51	1/2	1,121.51	1/2	1,199.51	1/2	1,277.38	1/2	1,355.14	1/2	1,432.90	1/2	1,503.87
5/8	811.13	5/8	889.13	5/8	967.13	5/8	1,045.13	5/8	1,123.13	5/8	1,201.13	5/8	1,279.00	5/8	1,356.76	5/8	1,434.52	5/8	1,504.80
3/4	812.76	3/4	890.76	3/4	968.76	3/4	1,046.76	3/4	1,124.76	3/4	1,202.76	3/4	1,280.62	3/4	1,358.38	3/4	1,436.14	3/4	1,505.72
7/8	814.38	7/8	892.38	7/8	970.38	7/8	1,048.38	7/8	1,126.38	7/8	1,204.38	7/8	1,282.24	7/8	1,360.00	7/8	1,437.76	7/8	1,506.65
3	816.01	9	894.01	3	972.01	9	1,050.01	3	1,128.01	9	1,206.01	3	1,283.86	9	1,361.62	3	1,439.38	9	1,507.58
1/8	817.63	1/8	895.63	1/8	973.63	1/8	1,051.63	1/8	1,129.63	1/8	1,207.63	1/8	1,285.73	1/8	1,363.24	1/8	1,441.00	1/8	1,508.19
1/4	819.26	1/4	897.26	1/4	975.26	1/4	1,053.26	1/4	1,131.26	1/4	1,209.26	1/4	1,287.60	1/4	1,364.86	1/4	1,442.62	1/4	1,508.80
3/8	820.88	3/8	898.88	3/8	976.88	3/8	1,054.88	3/8	1,132.88	3/8	1,210.88	3/8	1,289.47	3/8	1,366.48	3/8	1,444.24	3/8	1,509.42
1/2	822.51	1/2	900.51	1/2	978.51	1/2	1,056.51	1/2	1,134.51	1/2	1,212.51	1/2	1,291.34	1/2	1,368.10	1/2	1,445.86	1/2	1,510.03
5/8	824.13	5/8	902.13	5/8	980.13	5/8	1,058.13	5/8	1,136.13	5/8	1,214.13	5/8	1,293.21	5/8	1,369.72	5/8	1,447.48	5/8	1,510.64
3/4	825.76	3/4	903.76	3/4	981.76	3/4	1,059.76	3/4	1,137.76	3/4	1,215.76	3/4	1,295.08	3/4	1,371.34	3/4	1,449.10	3/4	1,511.25
7/8	827.38	7/8	905.38	7/8	983.38	7/8	1,061.38	7/8	1,139.38	7/8	1,217.38	7/8	1,296.95	7/8	1,372.96	7/8	1,450.72	7/8	1,511.87
4	829.01	10	907.01	4	985.01	10	1,063.01	4	1,141.01	10	1,219.01	4	1,298.82	10	1,374.58	4	1,452.34	10	1,512.48
1/8	830.63	1/8	908.63	1/8	986.63	1/8	1,064.63	1/8	1,142.63	1/8	1,220.63	1/8	1,300.19	1/8	1,376.20	1/8	1,453.96	1/8	1,512.78
1/4	832.26	1/4	910.26	1/4	988.26	1/4	1,066.26	1/4	1,144.26	1/4	1,222.26	1/4	1,301.56	1/4	1,377.82	1/4	1,455.58	1/4	1,513.09
3/8	833.88	3/8	911.88	3/8	989.88	3/8	1,067.88	3/8	1,145.88	3/8	1,223.88	3/8	1,302.93	3/8	1,379.44	3/8	1,457.20	3/8	1,513.39
1/2	835.51	1/2	913.51	1/2	991.51	1/2	1,069.51	1/2	1,147.51	1/2	1,225.51	1/2	1,304.30	1/2	1,381.06	1/2	1,458.82	1/2	1,513.70
5/8	837.13	5/8	915.13	5/8	993.13	5/8	1,071.13	5/8	1,149.13	5/8	1,227.13	5/8	1,305.67	5/8	1,382.68	5/8	1,460.44	5/8	1,514.00
3/4	838.76	3/4	916.76	3/4	994.76	3/4	1,072.76	3/4	1,150.76	3/4	1,228.76	3/4	1,307.04	3/4	1,384.30	3/4	1,462.06	3/4	1,514.31
7/8	840.38	7/8	918.38	7/8	996.38	7/8	1,074.38	7/8	1,152.38	7/8	1,230.38	7/8	1,308.41	7/8	1,385.92	7/8	1,463.68	7/8	1,514.61
5	842.01	11	920.01	5	998.01	11	1,076.01	5	1,154.01	11	1,232.01	5	1,309.78	11	1,387.54	5	1,465.30	11	1,514.92
1/8	843.63	1/8	921.63	1/8	999.63	1/8	1,077.63	1/8	1,155.63	1/8	1,233.63	1/8	1,311.40	1/8	1,389.16	1/8	1,466.92	1/8	1,515.05
1/4	845.26	1/4	923.26	1/4	1,001.26	1/4	1,079.26	1/4	1,157.26	1/4	1,235.25	1/4	1,313.02	1/4	1,390.78	1/4	1,468.54	1/4	1,515.18
3/8	846.88	3/8	924.88	3/8	1,002.88	3/8	1,080.88	3/8	1,158.88	3/8	1,236.87	3/8	1,314.64	3/8	1,392.40	3/8	1,470.16	3/8	1,515.32
1/2	848.51	1/2	926.51	1/2	1,004.51	1/2	1,082.51	1/2	1,160.51	1/2	1,238.49	1/2	1,316.26	1/2	1,394.02	1/2	1,471.78	1/2	1,515.45
5/8	850.13	5/8	928.13	5/8	1,006.13	5/8	1,084.13	5/8	1,162.13	5/8	1,240.12	5/8	1,317.88	5/8	1,395.64	5/8	1,473.40	5/8	
3/4	851.76	3/4	929.76	3/4	1,007.76	3/4	1,085.76	3/4	1,163.76	3/4	1,241.74	3/4	1,319.50	3/4	1,397.26	3/4	1,475.02	3/4	
7/8	853.38	7/8	931.38	7/8	1,009.38	7/8	1,087.38	7/8	1,165.38	7/8	1,243.36	7/8	1,321.12	7/8	1,398.88	7/8	1,476.64	7/8	

DECK MEASUREMENTS: 04/08/2020 SW
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "303"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/2"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.62	6	75.04	0	153.01	6	231.01	0	309.01	6	387.01	0	465.01	6	543.01	0	621.01	6	699.01
1/8	6.53	1/8	76.67	1/8	154.63	1/8	232.63	1/8	310.63	1/8	388.63	1/8	466.63	1/8	544.63	1/8	622.63	1/8	700.63
1/4	7.45	1/4	78.29	1/4	156.26	1/4	234.26	1/4	312.26	1/4	390.26	1/4	468.26	1/4	546.26	1/4	624.26	1/4	702.26
3/8	8.36	3/8	79.92	3/8	157.88	3/8	235.88	3/8	313.88	3/8	391.88	3/8	469.88	3/8	547.88	3/8	625.88	3/8	703.88
1/2	9.27	1/2	81.54	1/2	159.51	1/2	237.51	1/2	315.51	1/2	393.51	1/2	471.51	1/2	549.51	1/2	627.51	1/2	705.51
5/8	10.19	5/8	83.17	5/8	161.13	5/8	239.13	5/8	317.13	5/8	395.13	5/8	473.13	5/8	551.13	5/8	629.13	5/8	707.13
3/4	11.10	3/4	84.79	3/4	162.76	3/4	240.76	3/4	318.76	3/4	396.76	3/4	474.76	3/4	552.76	3/4	630.76	3/4	708.76
7/8	12.02	7/8	86.42	7/8	164.38	7/8	242.38	7/8	320.38	7/8	398.38	7/8	476.38	7/8	554.38	7/8	632.38	7/8	710.38
1	12.93	7	88.04	1	166.01	7	244.01	1	322.01	7	400.01	1	478.01	7	556.01	1	634.01	7	712.01
1/8	14.25	1/8	89.66	1/8	167.63	1/8	245.63	1/8	323.63	1/8	401.63	1/8	479.63	1/8	557.63	1/8	635.63	1/8	713.63
1/4	15.57	1/4	91.29	1/4	169.26	1/4	247.26	1/4	325.26	1/4	403.26	1/4	481.26	1/4	559.26	1/4	637.26	1/4	715.26
3/8	16.89	3/8	92.91	3/8	170.88	3/8	248.88	3/8	326.88	3/8	404.88	3/8	482.88	3/8	560.88	3/8	638.88	3/8	716.88
1/2	18.20	1/2	94.53	1/2	172.51	1/2	250.51	1/2	328.51	1/2	406.51	1/2	484.51	1/2	562.51	1/2	640.51	1/2	718.51
5/8	19.52	5/8	96.16	5/8	174.13	5/8	252.13	5/8	330.13	5/8	408.13	5/8	486.13	5/8	564.13	5/8	642.13	5/8	720.13
3/4	20.84	3/4	97.78	3/4	175.76	3/4	253.76	3/4	331.76	3/4	409.76	3/4	487.76	3/4	565.76	3/4	643.76	3/4	721.76
7/8	22.16	7/8	99.41	7/8	177.38	7/8	255.38	7/8	333.38	7/8	411.38	7/8	489.38	7/8	567.38	7/8	645.38	7/8	723.38
2	23.48	8	101.03	2	179.01	8	257.01	2	335.01	8	413.01	2	491.01	8	569.01	2	647.01	8	725.01
1/8	25.05	1/8	102.65	1/8	180.63	1/8	258.63	1/8	336.63	1/8	414.63	1/8	492.63	1/8	570.63	1/8	648.63	1/8	726.63
1/4	26.63	1/4	104.28	1/4	182.26	1/4	260.26	1/4	338.26	1/4	416.26	1/4	494.26	1/4	572.26	1/4	650.26	1/4	728.26
3/8	28.20	3/8	105.90	3/8	183.88	3/8	261.88	3/8	339.88	3/8	417.88	3/8	495.88	3/8	573.88	3/8	651.88	3/8	729.88
1/2	29.77	1/2	107.52	1/2	185.51	1/2	263.51	1/2	341.51	1/2	419.51	1/2	497.51	1/2	575.51	1/2	653.51	1/2	731.51
5/8	31.35	5/8	109.15	5/8	187.13	5/8	265.13	5/8	343.13	5/8	421.13	5/8	499.13	5/8	577.13	5/8	655.13	5/8	733.13
3/4	32.92	3/4	110.77	3/4	188.76	3/4	266.76	3/4	344.76	3/4	422.76	3/4	500.76	3/4	578.76	3/4	656.76	3/4	734.76
7/8	34.50	7/8	112.40	7/8	190.38	7/8	268.38	7/8	346.38	7/8	424.38	7/8	502.38	7/8	580.38	7/8	658.38	7/8	736.38
3	36.07	9	114.02	3	192.01	9	270.01	3	348.01	9	426.01	3	504.01	9	582.01	3	660.01	9	738.01
1/8	37.69	1/8	115.64	1/8	193.63	1/8	271.63	1/8	349.63	1/8	427.63	1/8	505.63	1/8	583.63	1/8	661.63	1/8	739.63
1/4	39.32	1/4	117.27	1/4	195.26	1/4	273.26	1/4	351.26	1/4	429.26	1/4	507.26	1/4	585.26	1/4	663.26	1/4	741.26
3/8	40.94	3/8	118.89	3/8	196.88	3/8	274.88	3/8	352.88	3/8	430.88	3/8	508.88	3/8	586.88	3/8	664.88	3/8	742.88
1/2	42.56	1/2	120.51	1/2	198.51	1/2	276.51	1/2	354.51	1/2	432.51	1/2	510.51	1/2	588.51	1/2	666.51	1/2	744.51
5/8	44.19	5/8	122.14	5/8	200.13	5/8	278.13	5/8	356.13	5/8	434.13	5/8	512.13	5/8	590.13	5/8	668.13	5/8	746.13
3/4	45.81	3/4	123.76	3/4	201.76	3/4	279.76	3/4	357.76	3/4	435.76	3/4	513.76	3/4	591.76	3/4	669.76	3/4	747.76
7/8	47.44	7/8	125.39	7/8	203.38	7/8	281.38	7/8	359.38	7/8	437.38	7/8	515.38	7/8	593.38	7/8	671.38	7/8	749.38
4	49.06	10	127.01	4	205.01	10	283.01	4	361.01	10	439.01	4	517.01	10	595.01	4	673.01	10	751.01
1/8	50.68	1/8	128.63	1/8	206.63	1/8	284.63	1/8	362.63	1/8	440.63	1/8	518.63	1/8	596.63	1/8	674.63	1/8	752.63
1/4	52.31	1/4	130.26	1/4	208.26	1/4	286.26	1/4	364.26	1/4	442.26	1/4	520.26	1/4	598.26	1/4	676.26	1/4	754.26
3/8	53.93	3/8	131.88	3/8	209.88	3/8	287.88	3/8	365.88	3/8	443.88	3/8	521.88	3/8	599.88	3/8	677.88	3/8	755.88
1/2	55.56	1/2	133.51	1/2	211.51	1/2	289.51	1/2	367.51	1/2	445.51	1/2	523.51	1/2	601.51	1/2	679.51	1/2	757.51
5/8	57.18	5/8	135.13	5/8	213.13	5/8	291.13	5/8	369.13	5/8	447.13	5/8	525.13	5/8	603.13	5/8	681.13	5/8	759.13
3/4	58.80	3/4	136.76	3/4	214.76	3/4	292.76	3/4	370.76	3/4	448.76	3/4	526.76	3/4	604.76	3/4	682.76	3/4	760.76
7/8	60.43	7/8	138.38	7/8	216.38	7/8	294.38	7/8	372.38	7/8	450.38	7/8	528.38	7/8	606.38	7/8	684.38	7/8	762.38
5	62.05	11	140.01	5	218.01	11	296.01	5	374.01	11	452.01	5	530.01	11	608.01	5	686.01	11	764.01
1/8	63.67	1/8	141.63	1/8	219.63	1/8	297.63	1/8	375.63	1/8	453.63	1/8	531.63	1/8	609.63	1/8	687.63	1/8	765.63
1/4	65.30	1/4	143.26	1/4	221.26	1/4	299.26	1/4	377.26	1/4	455.26	1/4	533.26	1/4	611.26	1/4	689.26	1/4	767.26
3/8	66.92	3/8	144.88	3/8	222.88	3/8	300.88	3/8	378.88	3/8	456.88	3/8	534.88	3/8	612.88	3/8	690.88	3/8	768.88
1/2	68.55	1/2	146.51	1/2	224.51	1/2	302.51	1/2	380.51	1/2	458.51	1/2	536.51	1/2	614.51	1/2	692.51	1/2	770.51
5/8	70.17	5/8	148.13	5/8	226.13	5/8	304.13	5/8	382.13	5/8	460.13	5/8	538.13	5/8	616.13	5/8	694.13	5/8	772.13
3/4	71.79	3/4	149.76	3/4	227.76	3/4	305.76	3/4	383.76	3/4	461.76	3/4	539.76	3/4	617.76	3/4	695.76	3/4	773.76
7/8	73.42	7/8	151.38	7/8	229.38	7/8	307.38	7/8	385.38	7/8	463.38	7/8	541.38	7/8	619.38	7/8	697.38	7/8	775.38

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 20'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "303"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	777.01	6	855.01	0	933.01	6	1,011.01	0	1,089.01	6	1,167.01	0	1,244.98	6	1,322.74	0	1,400.50	6	1,478.26
1/8	778.63	1/8	856.63	1/8	934.63	1/8	1,012.63	1/8	1,090.63	1/8	1,168.63	1/8	1,246.60	1/8	1,324.36	1/8	1,402.12	1/8	1,479.76
1/4	780.26	1/4	858.26	1/4	936.26	1/4	1,014.26	1/4	1,092.26	1/4	1,170.26	1/4	1,248.22	1/4	1,325.98	1/4	1,403.74	1/4	1,481.27
3/8	781.88	3/8	859.88	3/8	937.88	3/8	1,015.88	3/8	1,093.88	3/8	1,171.88	3/8	1,249.84	3/8	1,327.60	3/8	1,405.36	3/8	1,482.77
1/2	783.51	1/2	861.51	1/2	939.51	1/2	1,017.51	1/2	1,095.51	1/2	1,173.51	1/2	1,251.46	1/2	1,329.22	1/2	1,406.98	1/2	1,484.28
5/8	785.13	5/8	863.13	5/8	941.13	5/8	1,019.13	5/8	1,097.13	5/8	1,175.13	5/8	1,253.08	5/8	1,330.84	5/8	1,408.60	5/8	1,485.78
3/4	786.76	3/4	864.76	3/4	942.76	3/4	1,020.76	3/4	1,098.76	3/4	1,176.76	3/4	1,254.70	3/4	1,332.46	3/4	1,410.22	3/4	1,487.29
7/8	788.38	7/8	866.38	7/8	944.38	7/8	1,022.38	7/8	1,100.38	7/8	1,178.38	7/8	1,256.32	7/8	1,334.08	7/8	1,411.84	7/8	1,488.79
1	790.01	7	868.01	1	946.01	7	1,024.01	1	1,102.01	7	1,180.01	1	1,257.94	7	1,335.70	1	1,413.46	7	1,490.30
1/8	791.63	1/8	869.63	1/8	947.63	1/8	1,025.63	1/8	1,103.63	1/8	1,181.63	1/8	1,259.56	1/8	1,337.32	1/8	1,415.08	1/8	1,491.53
1/4	793.26	1/4	871.26	1/4	949.26	1/4	1,027.26	1/4	1,105.26	1/4	1,183.26	1/4	1,261.18	1/4	1,338.94	1/4	1,416.70	1/4	1,492.76
3/8	794.88	3/8	872.88	3/8	950.88	3/8	1,028.88	3/8	1,106.88	3/8	1,184.88	3/8	1,262.80	3/8	1,340.56	3/8	1,418.32	3/8	1,494.00
1/2	796.51	1/2	874.51	1/2	952.51	1/2	1,030.51	1/2	1,108.51	1/2	1,186.51	1/2	1,264.42	1/2	1,342.18	1/2	1,419.94	1/2	1,495.23
5/8	798.13	5/8	876.13	5/8	954.13	5/8	1,032.13	5/8	1,110.13	5/8	1,188.13	5/8	1,266.04	5/8	1,343.80	5/8	1,421.56	5/8	1,496.46
3/4	799.76	3/4	877.76	3/4	955.76	3/4	1,033.76	3/4	1,111.76	3/4	1,189.76	3/4	1,267.66	3/4	1,345.42	3/4	1,423.18	3/4	1,497.69
7/8	801.38	7/8	879.38	7/8	957.38	7/8	1,035.38	7/8	1,113.38	7/8	1,191.38	7/8	1,269.28	7/8	1,347.04	7/8	1,424.80	7/8	1,498.93
2	803.01	8	881.01	2	959.01	8	1,037.01	2	1,115.01	8	1,193.01	2	1,270.90	8	1,348.66	2	1,426.42	8	1,500.16
1/8	804.63	1/8	882.64	1/8	960.63	1/8	1,038.63	1/8	1,116.63	1/8	1,194.63	1/8	1,272.52	1/8	1,350.28	1/8	1,428.04	1/8	1,501.08
1/4	806.26	1/4	884.27	1/4	962.26	1/4	1,040.26	1/4	1,118.26	1/4	1,196.26	1/4	1,274.14	1/4	1,351.90	1/4	1,429.66	1/4	1,502.01
3/8	807.88	3/8	885.90	3/8	963.88	3/8	1,041.88	3/8	1,119.88	3/8	1,197.88	3/8	1,275.76	3/8	1,353.52	3/8	1,431.28	3/8	1,502.93
1/2	809.51	1/2	887.52	1/2	965.51	1/2	1,043.51	1/2	1,121.51	1/2	1,199.51	1/2	1,277.38	1/2	1,355.14	1/2	1,432.90	1/2	1,503.86
5/8	811.13	5/8	889.15	5/8	967.13	5/8	1,045.13	5/8	1,123.13	5/8	1,201.13	5/8	1,279.00	5/8	1,356.76	5/8	1,434.52	5/8	1,504.78
3/4	812.76	3/4	890.78	3/4	968.76	3/4	1,046.76	3/4	1,124.76	3/4	1,202.76	3/4	1,280.62	3/4	1,358.38	3/4	1,436.14	3/4	1,505.71
7/8	814.38	7/8	892.41	7/8	970.38	7/8	1,048.38	7/8	1,126.38	7/8	1,204.38	7/8	1,282.24	7/8	1,360.00	7/8	1,437.76	7/8	1,506.63
3	816.01	9	894.04	3	972.01	9	1,050.01	3	1,128.01	9	1,206.01	3	1,283.86	9	1,361.62	3	1,439.38	9	1,507.56
1/8	817.63	1/8	895.66	1/8	973.63	1/8	1,051.63	1/8	1,129.63	1/8	1,207.63	1/8	1,285.48	1/8	1,363.24	1/8	1,441.00	1/8	1,508.17
1/4	819.26	1/4	897.28	1/4	975.26	1/4	1,053.26	1/4	1,131.26	1/4	1,209.26	1/4	1,287.10	1/4	1,364.86	1/4	1,442.62	1/4	1,508.79
3/8	820.88	3/8	898.90	3/8	976.88	3/8	1,054.88	3/8	1,132.88	3/8	1,210.88	3/8	1,288.72	3/8	1,366.48	3/8	1,444.24	3/8	1,509.40
1/2	822.51	1/2	900.53	1/2	978.51	1/2	1,056.51	1/2	1,134.51	1/2	1,212.51	1/2	1,290.34	1/2	1,368.10	1/2	1,445.86	1/2	1,510.02
5/8	824.13	5/8	902.15	5/8	980.13	5/8	1,058.13	5/8	1,136.13	5/8	1,214.13	5/8	1,291.96	5/8	1,369.72	5/8	1,447.48	5/8	1,510.63
3/4	825.76	3/4	903.77	3/4	981.76	3/4	1,059.76	3/4	1,137.76	3/4	1,215.76	3/4	1,293.58	3/4	1,371.34	3/4	1,449.10	3/4	1,511.25
7/8	827.38	7/8	905.39	7/8	983.38	7/8	1,061.38	7/8	1,139.38	7/8	1,217.38	7/8	1,295.20	7/8	1,372.96	7/8	1,450.72	7/8	1,511.86
4	829.01	10	907.01	4	985.01	10	1,063.01	4	1,141.01	10	1,219.01	4	1,296.82	10	1,374.58	4	1,452.34	10	1,512.48
1/8	830.63	1/8	908.63	1/8	986.63	1/8	1,064.63	1/8	1,142.63	1/8	1,220.63	1/8	1,298.44	1/8	1,376.20	1/8	1,453.96	1/8	1,512.78
1/4	832.26	1/4	910.26	1/4	988.26	1/4	1,066.26	1/4	1,144.26	1/4	1,222.26	1/4	1,300.06	1/4	1,377.82	1/4	1,455.58	1/4	1,513.09
3/8	833.88	3/8	911.88	3/8	989.88	3/8	1,067.88	3/8	1,145.88	3/8	1,223.88	3/8	1,301.68	3/8	1,379.44	3/8	1,457.20	3/8	1,513.39
1/2	835.51	1/2	913.51	1/2	991.51	1/2	1,069.51	1/2	1,147.51	1/2	1,225.51	1/2	1,303.30	1/2	1,381.06	1/2	1,458.82	1/2	1,513.70
5/8	837.13	5/8	915.13	5/8	993.13	5/8	1,071.13	5/8	1,149.13	5/8	1,227.13	5/8	1,304.92	5/8	1,382.68	5/8	1,460.44	5/8	1,514.00
3/4	838.76	3/4	916.76	3/4	994.76	3/4	1,072.76	3/4	1,150.76	3/4	1,228.76	3/4	1,306.54	3/4	1,384.30	3/4	1,462.06	3/4	1,514.31
7/8	840.38	7/8	918.38	7/8	996.38	7/8	1,074.38	7/8	1,152.38	7/8	1,230.38	7/8	1,308.16	7/8	1,385.92	7/8	1,463.68	7/8	1,514.61
5	842.01	11	920.01	5	998.01	11	1,076.01	5	1,154.01	11	1,232.01	5	1,309.78	11	1,387.54	5	1,465.30	11	1,514.92
1/8	843.63	1/8	921.63	1/8	999.63	1/8	1,077.63	1/8	1,155.63	1/8	1,233.63	1/8	1,311.40	1/8	1,389.16	1/8	1,466.92	1/8	1,515.05
1/4	845.26	1/4	923.26	1/4	1,001.26	1/4	1,079.26	1/4	1,157.26	1/4	1,235.25	1/4	1,313.02	1/4	1,390.78	1/4	1,468.54	1/4	1,515.18
3/8	846.88	3/8	924.88	3/8	1,002.88	3/8	1,080.88	3/8	1,158.88	3/8	1,236.87	3/8	1,314.64	3/8	1,392.40	3/8	1,470.16	3/8	1,515.32
1/2	848.51	1/2	926.51	1/2	1,004.51	1/2	1,082.51	1/2	1,160.51	1/2	1,238.49	1/2	1,316.26	1/2	1,394.02	1/2	1,471.78	1/2	1,515.45
5/8	850.13	5/8	928.13	5/8	1,006.13	5/8	1,084.13	5/8	1,162.13	5/8	1,240.12	5/8	1,317.88	5/8	1,395.64	5/8	1,473.40	5/8	
3/4	851.76	3/4	929.76	3/4	1,007.76	3/4	1,085.76	3/4	1,163.76	3/4	1,241.74	3/4	1,319.50	3/4	1,397.26	3/4	1,475.02	3/4	
7/8	853.38	7/8	931.38	7/8	1,009.38	7/8	1,087.38	7/8	1,165.38	7/8	1,243.36	7/8	1,321.12	7/8	1,398.88	7/8	1,476.64	7/8	

DECK MEASUREMENTS: 04/08/2020 JS
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "303"

2 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.57	6	74.35	0	151.61	6	228.94	0	306.27	6	383.60	0	460.93	6	538.25	0	615.58	6	692.91
1/8	6.48	1/8	75.96	1/8	153.22	1/8	230.55	1/8	307.88	1/8	385.21	1/8	462.54	1/8	539.86	1/8	617.19	1/8	694.52
1/4	7.38	1/4	77.57	1/4	154.83	1/4	232.16	1/4	309.50	1/4	386.82	1/4	464.15	1/4	541.47	1/4	618.80	1/4	696.13
3/8	8.29	3/8	79.18	3/8	156.44	3/8	233.77	3/8	311.11	3/8	388.43	3/8	465.76	3/8	543.08	3/8	620.41	3/8	697.74
1/2	9.19	1/2	80.79	1/2	158.05	1/2	235.38	1/2	312.72	1/2	390.04	1/2	467.37	1/2	544.69	1/2	622.02	1/2	699.35
5/8	10.10	5/8	82.40	5/8	159.67	5/8	237.00	5/8	314.34	5/8	391.65	5/8	468.98	5/8	546.31	5/8	623.64	5/8	700.97
3/4	11.00	3/4	84.01	3/4	161.28	3/4	238.61	3/4	315.95	3/4	393.27	3/4	470.59	3/4	547.92	3/4	625.25	3/4	702.58
7/8	11.91	7/8	85.62	7/8	162.89	7/8	240.22	7/8	317.57	7/8	394.88	7/8	472.20	7/8	549.53	7/8	626.86	7/8	704.19
1	12.81	7	87.23	1	164.50	7	241.83	1	319.18	7	396.49	1	473.81	7	551.14	1	628.47	7	705.80
1/8	14.12	1/8	88.84	1/8	166.11	1/8	243.44	1/8	320.79	1/8	398.10	1/8	475.42	1/8	552.75	1/8	630.08	1/8	707.41
1/4	15.43	1/4	90.45	1/4	167.72	1/4	245.05	1/4	322.40	1/4	399.71	1/4	477.03	1/4	554.36	1/4	631.69	1/4	709.02
3/8	16.73	3/8	92.06	3/8	169.33	3/8	246.66	3/8	324.01	3/8	401.32	3/8	478.64	3/8	555.97	3/8	633.30	3/8	710.63
1/2	18.04	1/2	93.66	1/2	170.94	1/2	248.27	1/2	325.61	1/2	402.93	1/2	480.25	1/2	557.58	1/2	634.91	1/2	712.24
5/8	19.35	5/8	95.27	5/8	172.56	5/8	249.89	5/8	327.22	5/8	404.54	5/8	481.87	5/8	559.20	5/8	636.53	5/8	713.85
3/4	20.66	3/4	96.88	3/4	174.17	3/4	251.50	3/4	328.83	3/4	406.15	3/4	483.48	3/4	560.81	3/4	638.14	3/4	715.47
7/8	21.96	7/8	98.49	7/8	175.78	7/8	253.11	7/8	330.44	7/8	407.76	7/8	485.09	7/8	562.42	7/8	639.75	7/8	717.08
2	23.27	8	100.10	2	177.39	8	254.72	2	332.05	8	409.37	2	486.70	8	564.03	2	641.36	8	718.69
1/8	24.83	1/8	101.71	1/8	179.00	1/8	256.33	1/8	333.66	1/8	410.98	1/8	488.31	1/8	565.64	1/8	642.97	1/8	720.30
1/4	26.39	1/4	103.32	1/4	180.61	1/4	257.94	1/4	335.27	1/4	412.59	1/4	489.92	1/4	567.25	1/4	644.58	1/4	721.91
3/8	27.95	3/8	104.93	3/8	182.22	3/8	259.55	3/8	336.88	3/8	414.20	3/8	491.53	3/8	568.86	3/8	646.19	3/8	723.52
1/2	29.50	1/2	106.53	1/2	183.83	1/2	261.16	1/2	338.49	1/2	415.81	1/2	493.14	1/2	570.47	1/2	647.80	1/2	725.13
5/8	31.06	5/8	108.14	5/8	185.45	5/8	262.77	5/8	340.10	5/8	417.43	5/8	494.76	5/8	572.09	5/8	649.41	5/8	726.74
3/4	32.62	3/4	109.75	3/4	187.06	3/4	264.39	3/4	341.71	3/4	419.04	3/4	496.37	3/4	573.70	3/4	651.03	3/4	728.35
7/8	34.18	7/8	111.36	7/8	188.67	7/8	266.00	7/8	343.32	7/8	420.65	7/8	497.98	7/8	575.31	7/8	652.64	7/8	729.96
3	35.74	9	112.97	3	190.28	9	267.61	3	344.93	9	422.26	3	499.59	9	576.92	3	654.25	9	731.57
1/8	37.35	1/8	114.58	1/8	191.89	1/8	269.22	1/8	346.54	1/8	423.87	1/8	501.20	1/8	578.53	1/8	655.86	1/8	733.18
1/4	38.96	1/4	116.19	1/4	193.50	1/4	270.83	1/4	348.15	1/4	425.48	1/4	502.81	1/4	580.14	1/4	657.47	1/4	734.79
3/8	40.57	3/8	117.80	3/8	195.11	3/8	272.44	3/8	349.76	3/8	427.09	3/8	504.42	3/8	581.75	3/8	659.08	3/8	736.40
1/2	42.17	1/2	119.40	1/2	196.72	1/2	274.05	1/2	351.37	1/2	428.70	1/2	506.03	1/2	583.36	1/2	660.69	1/2	738.01
5/8	43.78	5/8	121.01	5/8	198.33	5/8	275.66	5/8	352.99	5/8	430.32	5/8	507.65	5/8	584.97	5/8	662.30	5/8	739.63
3/4	45.39	3/4	122.62	3/4	199.95	3/4	277.27	3/4	354.60	3/4	431.93	3/4	509.26	3/4	586.59	3/4	663.91	3/4	741.24
7/8	47.00	7/8	124.23	7/8	201.56	7/8	278.88	7/8	356.21	7/8	433.54	7/8	510.87	7/8	588.20	7/8	665.52	7/8	742.85
4	48.61	10	125.84	4	203.17	10	280.49	4	357.82	10	435.15	4	512.48	10	589.81	4	667.13	10	744.46
1/8	50.22	1/8	127.45	1/8	204.78	1/8	282.10	1/8	359.43	1/8	436.76	1/8	514.09	1/8	591.42	1/8	668.74	1/8	746.07
1/4	51.83	1/4	129.06	1/4	206.39	1/4	283.71	1/4	361.04	1/4	438.37	1/4	515.70	1/4	593.03	1/4	670.35	1/4	747.68
3/8	53.44	3/8	130.67	3/8	208.00	3/8	285.32	3/8	362.65	3/8	439.98	3/8	517.31	3/8	594.64	3/8	671.96	3/8	749.29
1/2	55.05	1/2	132.28	1/2	209.61	1/2	286.93	1/2	364.26	1/2	441.59	1/2	518.92	1/2	596.25	1/2	673.57	1/2	750.90
5/8	56.65	5/8	133.90	5/8	211.22	5/8	288.55	5/8	365.88	5/8	443.21	5/8	520.53	5/8	597.86	5/8	675.19	5/8	752.52
3/4	58.26	3/4	135.51	3/4	212.83	3/4	290.16	3/4	367.49	3/4	444.82	3/4	522.15	3/4	599.47	3/4	676.80	3/4	754.13
7/8	59.87	7/8	137.12	7/8	214.44	7/8	291.77	7/8	369.10	7/8	446.43	7/8	523.76	7/8	601.08	7/8	678.41	7/8	755.74
5	61.48	11	138.73	5	216.05	11	293.38	5	370.71	11	448.04	5	525.37	11	602.69	5	680.02	11	757.35
1/8	63.09	1/8	140.34	1/8	217.66	1/8	294.99	1/8	372.32	1/8	449.65	1/8	526.98	1/8	604.30	1/8	681.63	1/8	758.96
1/4	64.70	1/4	141.95	1/4	219.27	1/4	296.60	1/4	373.93	1/4	451.26	1/4	528.59	1/4	605.91	1/4	683.24	1/4	760.57
3/8	66.31	3/8	143.56	3/8	220.88	3/8	298.21	3/8	375.54	3/8	452.87	3/8	530.20	3/8	607.52	3/8	684.85	3/8	762.18
1/2	67.92	1/2	145.17	1/2	222.49	1/2	299.82	1/2	377.15	1/2	454.48	1/2	531.81	1/2	609.13	1/2	686.46	1/2	763.79
5/8	69.52	5/8	146.78	5/8	224.11	5/8	301.44	5/8	378.77	5/8	456.09	5/8	533.42	5/8	610.75	5/8	688.08	5/8	765.41
3/4	71.13	3/4	148.39	3/4	225.72	3/4	303.05	3/4	380.38	3/4	457.71	3/4	535.03	3/4	612.36	3/4	689.69	3/4	767.02
7/8	72.74	7/8	150.00	7/8	227.33	7/8	304.66	7/8	381.99	7/8	459.32	7/8	536.64	7/8	613.97	7/8	691.30	7/8	768.63

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 20'-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 "303"

2 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	770.24	6	847.57	0	924.89	6	1,002.22	0	1,079.55	6	1,156.88	0	1,234.17	6	1,311.21	0	1,388.25	6	1,465.29
1/8	771.85	1/8	849.18	1/8	926.50	1/8	1,003.83	1/8	1,081.16	1/8	1,158.49	1/8	1,235.78	1/8	1,312.82	1/8	1,389.86	1/8	1,466.78
1/4	773.46	1/4	850.79	1/4	928.11	1/4	1,005.44	1/4	1,082.77	1/4	1,160.10	1/4	1,237.38	1/4	1,314.42	1/4	1,391.46	1/4	1,468.27
3/8	775.07	3/8	852.40	3/8	929.72	3/8	1,007.05	3/8	1,084.38	3/8	1,161.71	3/8	1,238.99	3/8	1,316.03	3/8	1,393.07	3/8	1,469.76
1/2	776.68	1/2	854.01	1/2	931.33	1/2	1,008.66	1/2	1,085.99	1/2	1,163.32	1/2	1,240.59	1/2	1,317.63	1/2	1,394.67	1/2	1,471.25
5/8	778.29	5/8	855.62	5/8	932.95	5/8	1,010.28	5/8	1,087.61	5/8	1,164.93	5/8	1,242.20	5/8	1,319.24	5/8	1,396.28	5/8	1,472.74
3/4	779.91	3/4	857.23	3/4	934.56	3/4	1,011.89	3/4	1,089.22	3/4	1,166.55	3/4	1,243.80	3/4	1,320.84	3/4	1,397.88	3/4	1,474.23
7/8	781.52	7/8	858.84	7/8	936.17	7/8	1,013.50	7/8	1,090.83	7/8	1,168.16	7/8	1,245.41	7/8	1,322.45	7/8	1,399.49	7/8	1,475.72
1	783.13	7	860.45	1	937.78	7	1,015.11	1	1,092.44	7	1,169.77	1	1,247.01	7	1,324.05	1	1,401.09	7	1,477.21
1/8	784.74	1/8	862.06	1/8	939.39	1/8	1,016.72	1/8	1,094.05	1/8	1,171.38	1/8	1,248.62	1/8	1,325.66	1/8	1,402.70	1/8	1,478.43
1/4	786.35	1/4	863.67	1/4	941.00	1/4	1,018.33	1/4	1,095.66	1/4	1,172.99	1/4	1,250.22	1/4	1,327.26	1/4	1,404.30	1/4	1,479.66
3/8	787.96	3/8	865.28	3/8	942.61	3/8	1,019.94	3/8	1,097.27	3/8	1,174.60	3/8	1,251.83	3/8	1,328.87	3/8	1,405.91	3/8	1,480.88
1/2	789.57	1/2	866.89	1/2	944.22	1/2	1,021.55	1/2	1,098.88	1/2	1,176.21	1/2	1,253.43	1/2	1,330.47	1/2	1,407.51	1/2	1,482.10
5/8	791.18	5/8	868.51	5/8	945.84	5/8	1,023.17	5/8	1,100.49	5/8	1,177.82	5/8	1,255.04	5/8	1,332.08	5/8	1,409.12	5/8	1,483.32
3/4	792.79	3/4	870.12	3/4	947.45	3/4	1,024.78	3/4	1,102.11	3/4	1,179.43	3/4	1,256.64	3/4	1,333.68	3/4	1,410.72	3/4	1,484.55
7/8	794.40	7/8	871.73	7/8	949.06	7/8	1,026.39	7/8	1,103.72	7/8	1,181.04	7/8	1,258.25	7/8	1,335.29	7/8	1,412.33	7/8	1,485.77
2	796.01	8	873.34	2	950.67	8	1,028.00	2	1,105.33	8	1,182.65	2	1,259.85	8	1,336.89	2	1,413.93	8	1,486.99
1/8	797.62	1/8	874.95	1/8	952.28	1/8	1,029.61	1/8	1,106.94	1/8	1,184.26	1/8	1,261.46	1/8	1,338.50	1/8	1,415.54	1/8	1,487.91
1/4	799.23	1/4	876.56	1/4	953.89	1/4	1,031.22	1/4	1,108.55	1/4	1,185.87	1/4	1,263.06	1/4	1,340.10	1/4	1,417.14	1/4	1,488.82
3/8	800.84	3/8	878.17	3/8	955.50	3/8	1,032.83	3/8	1,110.16	3/8	1,187.48	3/8	1,264.67	3/8	1,341.71	3/8	1,418.75	3/8	1,489.74
1/2	802.45	1/2	879.78	1/2	957.11	1/2	1,034.44	1/2	1,111.77	1/2	1,189.09	1/2	1,266.27	1/2	1,343.31	1/2	1,420.35	1/2	1,490.65
5/8	804.07	5/8	881.40	5/8	958.73	5/8	1,036.05	5/8	1,113.38	5/8	1,190.71	5/8	1,267.88	5/8	1,344.92	5/8	1,421.96	5/8	1,491.57
3/4	805.68	3/4	883.01	3/4	960.34	3/4	1,037.67	3/4	1,114.99	3/4	1,192.32	3/4	1,269.48	3/4	1,346.52	3/4	1,423.56	3/4	1,492.48
7/8	807.29	7/8	884.62	7/8	961.95	7/8	1,039.28	7/8	1,116.60	7/8	1,193.93	7/8	1,271.09	7/8	1,348.13	7/8	1,425.17	7/8	1,493.40
3	808.90	9	886.23	3	963.56	9	1,040.89	3	1,118.21	9	1,195.54	3	1,272.69	9	1,349.73	3	1,426.77	9	1,494.31
1/8	810.51	1/8	887.84	1/8	965.17	1/8	1,042.50	1/8	1,119.82	1/8	1,197.15	1/8	1,274.30	1/8	1,351.34	1/8	1,428.38	1/8	1,494.92
1/4	812.12	1/4	889.45	1/4	966.78	1/4	1,044.11	1/4	1,121.43	1/4	1,198.76	1/4	1,275.90	1/4	1,352.94	1/4	1,429.98	1/4	1,495.53
3/8	813.73	3/8	891.06	3/8	968.39	3/8	1,045.72	3/8	1,123.04	3/8	1,200.37	3/8	1,277.51	3/8	1,354.55	3/8	1,431.59	3/8	1,496.14
1/2	815.34	1/2	892.67	1/2	970.00	1/2	1,047.33	1/2	1,124.65	1/2	1,201.98	1/2	1,279.11	1/2	1,356.15	1/2	1,433.19	1/2	1,496.75
5/8	816.96	5/8	894.29	5/8	971.61	5/8	1,048.94	5/8	1,126.27	5/8	1,203.60	5/8	1,280.72	5/8	1,357.76	5/8	1,434.80	5/8	1,497.36
3/4	818.57	3/4	895.90	3/4	973.23	3/4	1,050.55	3/4	1,127.88	3/4	1,205.21	3/4	1,282.32	3/4	1,359.36	3/4	1,436.40	3/4	1,497.97
7/8	820.18	7/8	897.51	7/8	974.84	7/8	1,052.16	7/8	1,129.49	7/8	1,206.82	7/8	1,283.93	7/8	1,360.97	7/8	1,438.01	7/8	1,498.58
4	821.79	10	899.12	4	976.45	10	1,053.77	4	1,131.10	10	1,208.43	4	1,285.53	10	1,362.57	4	1,439.61	10	1,499.19
1/8	823.40	1/8	900.73	1/8	978.06	1/8	1,055.38	1/8	1,132.71	1/8	1,210.04	1/8	1,287.14	1/8	1,364.18	1/8	1,441.22	1/8	1,499.49
1/4	825.01	1/4	902.34	1/4	979.67	1/4	1,056.99	1/4	1,134.32	1/4	1,211.65	1/4	1,288.74	1/4	1,365.78	1/4	1,442.82	1/4	1,499.80
3/8	826.62	3/8	903.95	3/8	981.28	3/8	1,058.60	3/8	1,135.93	3/8	1,213.26	3/8	1,290.35	3/8	1,367.39	3/8	1,444.43	3/8	1,500.10
1/2	828.23	1/2	905.56	1/2	982.89	1/2	1,060.21	1/2	1,137.54	1/2	1,214.87	1/2	1,291.95	1/2	1,368.99	1/2	1,446.03	1/2	1,500.40
5/8	829.85	5/8	907.17	5/8	984.50	5/8	1,061.83	5/8	1,139.16	5/8	1,216.49	5/8	1,293.56	5/8	1,370.60	5/8	1,447.64	5/8	1,500.70
3/4	831.46	3/4	908.79	3/4	986.11	3/4	1,063.44	3/4	1,140.77	3/4	1,218.10	3/4	1,295.16	3/4	1,372.20	3/4	1,449.24	3/4	1,501.01
7/8	833.07	7/8	910.40	7/8	987.72	7/8	1,065.05	7/8	1,142.38	7/8	1,219.71	7/8	1,296.77	7/8	1,373.81	7/8	1,450.85	7/8	1,501.31
5	834.68	11	912.01	5	989.33	11	1,066.66	5	1,143.99	11	1,221.32	5	1,298.37	11	1,375.41	5	1,452.45	11	1,501.61
1/8	836.29	1/8	913.62	1/8	990.94	1/8	1,068.27	1/8	1,145.60	1/8	1,222.93	1/8	1,299.98	1/8	1,377.02	1/8	1,454.06	1/8	1,501.74
1/4	837.90	1/4	915.23	1/4	992.55	1/4	1,069.88	1/4	1,147.21	1/4	1,224.53	1/4	1,301.58	1/4	1,378.62	1/4	1,455.66	1/4	1,501.87
3/8	839.51	3/8	916.84	3/8	994.16	3/8	1,071.49	3/8	1,148.82	3/8	1,226.14	3/8	1,303.19	3/8	1,380.23	3/8	1,457.27	3/8	1,502.00
1/2	841.12	1/2	918.45	1/2	995.77	1/2	1,073.10	1/2	1,150.43	1/2	1,227.74	1/2	1,304.79	1/2	1,381.83	1/2	1,458.87	1/2	1,502.13
5/8	842.73	5/8	920.06	5/8	997.39	5/8	1,074.72	5/8	1,152.05	5/8	1,229.35	5/8	1,306.40	5/8	1,383.44	5/8	1,460.48	5/8	
3/4	844.35	3/4	921.67	3/4	999.00	3/4	1,076.33	3/4	1,153.66	3/4	1,230.96	3/4	1,308.00	3/4	1,385.04	3/4	1,462.08	3/4	
7/8	845.96	7/8	923.28	7/8	1,000.61	7/8	1,077.94	7/8	1,155.27	7/8	1,232.56	7/8	1,309.61	7/8	1,386.65	7/8	1,463.69	7/8	

DECK MEASUREMENTS: 04/08/2020 JS
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "303"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/2"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.57	6	74.35	0	151.61	6	228.94	0	306.27	6	383.60	0	460.93	6	538.25	0	615.58	6	692.91
1/8	6.48	1/8	75.96	1/8	153.22	1/8	230.55	1/8	307.88	1/8	385.21	1/8	462.54	1/8	539.86	1/8	617.19	1/8	694.52
1/4	7.38	1/4	77.57	1/4	154.83	1/4	232.16	1/4	309.49	1/4	386.82	1/4	464.15	1/4	541.47	1/4	618.80	1/4	696.13
3/8	8.29	3/8	79.18	3/8	156.44	3/8	233.77	3/8	311.10	3/8	388.43	3/8	465.76	3/8	543.08	3/8	620.41	3/8	697.74
1/2	9.19	1/2	80.79	1/2	158.05	1/2	235.38	1/2	312.71	1/2	390.04	1/2	467.37	1/2	544.69	1/2	622.02	1/2	699.35
5/8	10.10	5/8	82.40	5/8	159.67	5/8	237.00	5/8	314.33	5/8	391.65	5/8	468.98	5/8	546.31	5/8	623.64	5/8	700.97
3/4	11.00	3/4	84.01	3/4	161.28	3/4	238.61	3/4	315.94	3/4	393.27	3/4	470.59	3/4	547.92	3/4	625.25	3/4	702.58
7/8	11.91	7/8	85.62	7/8	162.89	7/8	240.22	7/8	317.55	7/8	394.88	7/8	472.20	7/8	549.53	7/8	626.86	7/8	704.19
1	12.81	7	87.23	1	164.50	7	241.83	1	319.16	7	396.49	1	473.81	7	551.14	1	628.47	7	705.80
1/8	14.12	1/8	88.84	1/8	166.11	1/8	243.44	1/8	320.77	1/8	398.10	1/8	475.42	1/8	552.75	1/8	630.08	1/8	707.41
1/4	15.43	1/4	90.45	1/4	167.72	1/4	245.05	1/4	322.38	1/4	399.71	1/4	477.03	1/4	554.36	1/4	631.69	1/4	709.02
3/8	16.73	3/8	92.06	3/8	169.33	3/8	246.66	3/8	323.99	3/8	401.32	3/8	478.64	3/8	555.97	3/8	633.30	3/8	710.63
1/2	18.04	1/2	93.66	1/2	170.94	1/2	248.27	1/2	325.60	1/2	402.93	1/2	480.25	1/2	557.58	1/2	634.91	1/2	712.24
5/8	19.35	5/8	95.27	5/8	172.56	5/8	249.89	5/8	327.21	5/8	404.54	5/8	481.87	5/8	559.20	5/8	636.53	5/8	713.85
3/4	20.66	3/4	96.88	3/4	174.17	3/4	251.50	3/4	328.83	3/4	406.15	3/4	483.48	3/4	560.81	3/4	638.14	3/4	715.47
7/8	21.96	7/8	98.49	7/8	175.78	7/8	253.11	7/8	330.44	7/8	407.76	7/8	485.09	7/8	562.42	7/8	639.75	7/8	717.08
2	23.27	8	100.10	2	177.39	8	254.72	2	332.05	8	409.37	2	486.70	8	564.03	2	641.36	8	718.69
1/8	24.83	1/8	101.71	1/8	179.00	1/8	256.33	1/8	333.66	1/8	410.98	1/8	488.31	1/8	565.64	1/8	642.97	1/8	720.30
1/4	26.39	1/4	103.32	1/4	180.61	1/4	257.94	1/4	335.27	1/4	412.59	1/4	489.92	1/4	567.25	1/4	644.58	1/4	721.91
3/8	27.95	3/8	104.93	3/8	182.22	3/8	259.55	3/8	336.88	3/8	414.20	3/8	491.53	3/8	568.86	3/8	646.19	3/8	723.52
1/2	29.50	1/2	106.53	1/2	183.83	1/2	261.16	1/2	338.49	1/2	415.81	1/2	493.14	1/2	570.47	1/2	647.80	1/2	725.13
5/8	31.06	5/8	108.14	5/8	185.45	5/8	262.77	5/8	340.10	5/8	417.43	5/8	494.76	5/8	572.09	5/8	649.41	5/8	726.74
3/4	32.62	3/4	109.75	3/4	187.06	3/4	264.39	3/4	341.71	3/4	419.04	3/4	496.37	3/4	573.70	3/4	651.03	3/4	728.35
7/8	34.18	7/8	111.36	7/8	188.67	7/8	266.00	7/8	343.32	7/8	420.65	7/8	497.98	7/8	575.31	7/8	652.64	7/8	729.96
3	35.74	9	112.97	3	190.28	9	267.61	3	344.93	9	422.26	3	499.59	9	576.92	3	654.25	9	731.57
1/8	37.35	1/8	114.58	1/8	191.89	1/8	269.22	1/8	346.54	1/8	423.87	1/8	501.20	1/8	578.53	1/8	655.86	1/8	733.18
1/4	38.96	1/4	116.19	1/4	193.50	1/4	270.83	1/4	348.15	1/4	425.48	1/4	502.81	1/4	580.14	1/4	657.47	1/4	734.79
3/8	40.57	3/8	117.80	3/8	195.11	3/8	272.44	3/8	349.76	3/8	427.09	3/8	504.42	3/8	581.75	3/8	659.08	3/8	736.40
1/2	42.17	1/2	119.40	1/2	196.72	1/2	274.05	1/2	351.37	1/2	428.70	1/2	506.03	1/2	583.36	1/2	660.69	1/2	738.01
5/8	43.78	5/8	121.01	5/8	198.33	5/8	275.66	5/8	352.99	5/8	430.32	5/8	507.65	5/8	584.97	5/8	662.30	5/8	739.63
3/4	45.39	3/4	122.62	3/4	199.95	3/4	277.27	3/4	354.60	3/4	431.93	3/4	509.26	3/4	586.59	3/4	663.91	3/4	741.24
7/8	47.00	7/8	124.23	7/8	201.56	7/8	278.88	7/8	356.21	7/8	433.54	7/8	510.87	7/8	588.20	7/8	665.52	7/8	742.85
4	48.61	10	125.84	4	203.17	10	280.49	4	357.82	10	435.15	4	512.48	10	589.81	4	667.13	10	744.46
1/8	50.22	1/8	127.45	1/8	204.78	1/8	282.10	1/8	359.43	1/8	436.76	1/8	514.09	1/8	591.42	1/8	668.74	1/8	746.07
1/4	51.83	1/4	129.06	1/4	206.39	1/4	283.71	1/4	361.04	1/4	438.37	1/4	515.70	1/4	593.03	1/4	670.35	1/4	747.68
3/8	53.44	3/8	130.67	3/8	208.00	3/8	285.32	3/8	362.65	3/8	439.98	3/8	517.31	3/8	594.64	3/8	671.96	3/8	749.29
1/2	55.05	1/2	132.28	1/2	209.61	1/2	286.93	1/2	364.26	1/2	441.59	1/2	518.92	1/2	596.25	1/2	673.57	1/2	750.90
5/8	56.65	5/8	133.90	5/8	211.22	5/8	288.55	5/8	365.88	5/8	443.21	5/8	520.53	5/8	597.86	5/8	675.19	5/8	752.52
3/4	58.26	3/4	135.51	3/4	212.83	3/4	290.16	3/4	367.49	3/4	444.82	3/4	522.15	3/4	599.47	3/4	676.80	3/4	754.13
7/8	59.87	7/8	137.12	7/8	214.44	7/8	291.77	7/8	369.10	7/8	446.43	7/8	523.76	7/8	601.08	7/8	678.41	7/8	755.74
5	61.48	11	138.73	5	216.05	11	293.38	5	370.71	11	448.04	5	525.37	11	602.69	5	680.02	11	757.35
1/8	63.09	1/8	140.34	1/8	217.66	1/8	294.99	1/8	372.32	1/8	449.65	1/8	526.98	1/8	604.30	1/8	681.63	1/8	758.96
1/4	64.70	1/4	141.95	1/4	219.27	1/4	296.60	1/4	373.93	1/4	451.26	1/4	528.59	1/4	605.91	1/4	683.24	1/4	760.57
3/8	66.31	3/8	143.56	3/8	220.88	3/8	298.21	3/8	375.54	3/8	452.87	3/8	530.20	3/8	607.52	3/8	684.85	3/8	762.18
1/2	67.92	1/2	145.17	1/2	222.49	1/2	299.82	1/2	377.15	1/2	454.48	1/2	531.81	1/2	609.13	1/2	686.46	1/2	763.79
5/8	69.52	5/8	146.78	5/8	224.11	5/8	301.44	5/8	378.77	5/8	456.09	5/8	533.42	5/8	610.75	5/8	688.08	5/8	765.41
3/4	71.13	3/4	148.39	3/4	225.72	3/4	303.05	3/4	380.38	3/4	457.71	3/4	535.03	3/4	612.36	3/4	689.69	3/4	767.02
7/8	72.74	7/8	150.00	7/8	227.33	7/8	304.66	7/8	381.99	7/8	459.32	7/8	536.64	7/8	613.97	7/8	691.30	7/8	768.63

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 20'-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 "303"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	770.24	6	847.57	0	924.89	6	1,002.22	0	1,079.55	6	1,156.88	0	1,234.17	6	1,311.21	0	1,388.25	6	1,465.29
1/8	771.85	1/8	849.18	1/8	926.50	1/8	1,003.83	1/8	1,081.16	1/8	1,158.49	1/8	1,235.78	1/8	1,312.82	1/8	1,389.86	1/8	1,466.78
1/4	773.46	1/4	850.79	1/4	928.11	1/4	1,005.44	1/4	1,082.77	1/4	1,160.10	1/4	1,237.38	1/4	1,314.42	1/4	1,391.46	1/4	1,468.27
3/8	775.07	3/8	852.40	3/8	929.72	3/8	1,007.05	3/8	1,084.38	3/8	1,161.71	3/8	1,238.99	3/8	1,316.03	3/8	1,393.07	3/8	1,469.76
1/2	776.68	1/2	854.01	1/2	931.33	1/2	1,008.66	1/2	1,085.99	1/2	1,163.32	1/2	1,240.59	1/2	1,317.63	1/2	1,394.67	1/2	1,471.25
5/8	778.29	5/8	855.62	5/8	932.95	5/8	1,010.28	5/8	1,087.61	5/8	1,164.93	5/8	1,242.20	5/8	1,319.24	5/8	1,396.28	5/8	1,472.74
3/4	779.91	3/4	857.23	3/4	934.56	3/4	1,011.89	3/4	1,089.22	3/4	1,166.55	3/4	1,243.80	3/4	1,320.84	3/4	1,397.88	3/4	1,474.23
7/8	781.52	7/8	858.84	7/8	936.17	7/8	1,013.50	7/8	1,090.83	7/8	1,168.16	7/8	1,245.41	7/8	1,322.45	7/8	1,399.49	7/8	1,475.72
1	783.13	7	860.45	1	937.78	7	1,015.11	1	1,092.44	7	1,169.77	1	1,247.01	7	1,324.05	1	1,401.09	7	1,477.21
1/8	784.74	1/8	862.06	1/8	939.39	1/8	1,016.72	1/8	1,094.05	1/8	1,171.38	1/8	1,248.62	1/8	1,325.66	1/8	1,402.70	1/8	1,478.43
1/4	786.35	1/4	863.67	1/4	941.00	1/4	1,018.33	1/4	1,095.66	1/4	1,172.99	1/4	1,250.22	1/4	1,327.26	1/4	1,404.30	1/4	1,479.66
3/8	787.96	3/8	865.28	3/8	942.61	3/8	1,019.94	3/8	1,097.27	3/8	1,174.60	3/8	1,251.83	3/8	1,328.87	3/8	1,405.91	3/8	1,480.88
1/2	789.57	1/2	866.89	1/2	944.22	1/2	1,021.55	1/2	1,098.88	1/2	1,176.21	1/2	1,253.43	1/2	1,330.47	1/2	1,407.51	1/2	1,482.10
5/8	791.18	5/8	868.51	5/8	945.84	5/8	1,023.17	5/8	1,100.49	5/8	1,177.82	5/8	1,255.04	5/8	1,332.08	5/8	1,409.12	5/8	1,483.32
3/4	792.79	3/4	870.12	3/4	947.45	3/4	1,024.78	3/4	1,102.11	3/4	1,179.43	3/4	1,256.64	3/4	1,333.68	3/4	1,410.72	3/4	1,484.55
7/8	794.40	7/8	871.73	7/8	949.06	7/8	1,026.39	7/8	1,103.72	7/8	1,181.04	7/8	1,258.25	7/8	1,335.29	7/8	1,412.33	7/8	1,485.77
2	796.01	8	873.34	2	950.67	8	1,028.00	2	1,105.33	8	1,182.65	2	1,259.85	8	1,336.89	2	1,413.93	8	1,486.99
1/8	797.62	1/8	874.95	1/8	952.28	1/8	1,029.61	1/8	1,106.94	1/8	1,184.26	1/8	1,261.46	1/8	1,338.50	1/8	1,415.54	1/8	1,487.91
1/4	799.23	1/4	876.56	1/4	953.89	1/4	1,031.22	1/4	1,108.55	1/4	1,185.87	1/4	1,263.06	1/4	1,340.10	1/4	1,417.14	1/4	1,488.82
3/8	800.84	3/8	878.17	3/8	955.50	3/8	1,032.83	3/8	1,110.16	3/8	1,187.48	3/8	1,264.67	3/8	1,341.71	3/8	1,418.75	3/8	1,489.74
1/2	802.45	1/2	879.78	1/2	957.11	1/2	1,034.44	1/2	1,111.77	1/2	1,189.09	1/2	1,266.27	1/2	1,343.31	1/2	1,420.35	1/2	1,490.65
5/8	804.07	5/8	881.40	5/8	958.73	5/8	1,036.05	5/8	1,113.38	5/8	1,190.71	5/8	1,267.88	5/8	1,344.92	5/8	1,421.96	5/8	1,491.57
3/4	805.68	3/4	883.01	3/4	960.34	3/4	1,037.67	3/4	1,114.99	3/4	1,192.32	3/4	1,269.48	3/4	1,346.52	3/4	1,423.56	3/4	1,492.48
7/8	807.29	7/8	884.62	7/8	961.95	7/8	1,039.28	7/8	1,116.60	7/8	1,193.93	7/8	1,271.09	7/8	1,348.13	7/8	1,425.17	7/8	1,493.40
3	808.90	9	886.23	3	963.56	9	1,040.89	3	1,118.21	9	1,195.54	3	1,272.69	9	1,349.73	3	1,426.77	9	1,494.31
1/8	810.51	1/8	887.84	1/8	965.17	1/8	1,042.50	1/8	1,119.82	1/8	1,197.15	1/8	1,274.30	1/8	1,351.34	1/8	1,428.38	1/8	1,494.92
1/4	812.12	1/4	889.45	1/4	966.78	1/4	1,044.11	1/4	1,121.43	1/4	1,198.76	1/4	1,275.90	1/4	1,352.94	1/4	1,429.98	1/4	1,495.53
3/8	813.73	3/8	891.06	3/8	968.39	3/8	1,045.72	3/8	1,123.04	3/8	1,200.37	3/8	1,277.51	3/8	1,354.55	3/8	1,431.59	3/8	1,496.14
1/2	815.34	1/2	892.67	1/2	970.00	1/2	1,047.33	1/2	1,124.65	1/2	1,201.98	1/2	1,279.11	1/2	1,356.15	1/2	1,433.19	1/2	1,496.75
5/8	816.96	5/8	894.29	5/8	971.61	5/8	1,048.94	5/8	1,126.27	5/8	1,203.60	5/8	1,280.72	5/8	1,357.76	5/8	1,434.80	5/8	1,497.36
3/4	818.57	3/4	895.90	3/4	973.23	3/4	1,050.55	3/4	1,127.88	3/4	1,205.21	3/4	1,282.32	3/4	1,359.36	3/4	1,436.40	3/4	1,497.97
7/8	820.18	7/8	897.51	7/8	974.84	7/8	1,052.16	7/8	1,129.49	7/8	1,206.82	7/8	1,283.93	7/8	1,360.97	7/8	1,438.01	7/8	1,498.58
4	821.79	10	899.12	4	976.45	10	1,053.77	4	1,131.10	10	1,208.43	4	1,285.53	10	1,362.57	4	1,439.61	10	1,499.19
1/8	823.40	1/8	900.73	1/8	978.06	1/8	1,055.38	1/8	1,132.71	1/8	1,210.04	1/8	1,287.14	1/8	1,364.18	1/8	1,441.22	1/8	1,499.49
1/4	825.01	1/4	902.34	1/4	979.67	1/4	1,056.99	1/4	1,134.32	1/4	1,211.65	1/4	1,288.74	1/4	1,365.78	1/4	1,442.82	1/4	1,499.80
3/8	826.62	3/8	903.95	3/8	981.28	3/8	1,058.60	3/8	1,135.93	3/8	1,213.26	3/8	1,290.35	3/8	1,367.39	3/8	1,444.43	3/8	1,500.10
1/2	828.23	1/2	905.56	1/2	982.89	1/2	1,060.21	1/2	1,137.54	1/2	1,214.87	1/2	1,291.95	1/2	1,368.99	1/2	1,446.03	1/2	1,500.40
5/8	829.85	5/8	907.17	5/8	984.50	5/8	1,061.83	5/8	1,139.16	5/8	1,216.49	5/8	1,293.56	5/8	1,370.60	5/8	1,447.64	5/8	1,500.70
3/4	831.46	3/4	908.79	3/4	986.11	3/4	1,063.44	3/4	1,140.77	3/4	1,218.10	3/4	1,295.16	3/4	1,372.20	3/4	1,449.24	3/4	1,501.01
7/8	833.07	7/8	910.40	7/8	987.72	7/8	1,065.05	7/8	1,142.38	7/8	1,219.71	7/8	1,296.77	7/8	1,373.81	7/8	1,450.85	7/8	1,501.31
5	834.68	11	912.01	5	989.33	11	1,066.66	5	1,143.99	11	1,221.32	5	1,298.37	11	1,375.41	5	1,452.45	11	1,501.61
1/8	836.29	1/8	913.62	1/8	990.94	1/8	1,068.27	1/8	1,145.60	1/8	1,222.93	1/8	1,299.98	1/8	1,377.02	1/8	1,454.06	1/8	1,501.74
1/4	837.90	1/4	915.23	1/4	992.55	1/4	1,069.88	1/4	1,147.21	1/4	1,224.53	1/4	1,301.58	1/4	1,378.62	1/4	1,455.66	1/4	1,501.87
3/8	839.51	3/8	916.84	3/8	994.16	3/8	1,071.49	3/8	1,148.82	3/8	1,226.14	3/8	1,303.19	3/8	1,380.23	3/8	1,457.27	3/8	1,502.00
1/2	841.12	1/2	918.45	1/2	995.77	1/2	1,073.10	1/2	1,150.43	1/2	1,227.74	1/2	1,304.79	1/2	1,381.83	1/2	1,458.87	1/2	1,502.13
5/8	842.73	5/8	920.06	5/8	997.39	5/8	1,074.72	5/8	1,152.05	5/8	1,229.35	5/8	1,306.40	5/8	1,383.44	5/8	1,460.48	5/8	
3/4	844.35	3/4	921.67	3/4	999.00	3/4	1,076.33	3/4	1,153.66	3/4	1,230.96	3/4	1,308.00	3/4	1,385.04	3/4	1,462.08	3/4	
7/8	845.96	7/8	923.28	7/8	1,000.61	7/8	1,077.94	7/8	1,155.27	7/8	1,232.56	7/8	1,309.61	7/8	1,386.65	7/8	1,463.69	7/8	

DECK MEASUREMENTS: 04/08/2020 JS
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "303"

3 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/4"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.57	6	74.41	0	151.62	6	228.56	0	305.70	6	382.74	0	459.78	6	536.82	0	613.86	6	690.90
1/8	6.48	1/8	76.02	1/8	153.22	1/8	230.18	1/8	307.30	1/8	384.34	1/8	461.38	1/8	538.42	1/8	615.46	1/8	692.50
1/4	7.38	1/4	77.63	1/4	154.83	1/4	231.79	1/4	308.91	1/4	385.95	1/4	462.99	1/4	540.03	1/4	617.07	1/4	694.11
3/8	8.29	3/8	79.24	3/8	156.43	3/8	233.41	3/8	310.51	3/8	387.55	3/8	464.59	3/8	541.63	3/8	618.67	3/8	695.71
1/2	9.20	1/2	80.85	1/2	158.04	1/2	235.03	1/2	312.12	1/2	389.16	1/2	466.20	1/2	543.24	1/2	620.28	1/2	697.32
5/8	10.10	5/8	82.46	5/8	159.64	5/8	236.65	5/8	313.72	5/8	390.76	5/8	467.80	5/8	544.84	5/8	621.88	5/8	698.92
3/4	11.01	3/4	84.07	3/4	161.25	3/4	238.26	3/4	315.33	3/4	392.37	3/4	469.41	3/4	546.45	3/4	623.49	3/4	700.53
7/8	11.91	7/8	85.68	7/8	162.85	7/8	239.88	7/8	316.93	7/8	393.97	7/8	471.01	7/8	548.05	7/8	625.09	7/8	702.13
1	12.82	7	87.29	1	164.46	7	241.50	1	318.54	7	395.58	1	472.62	7	549.66	1	626.70	7	703.74
1/8	14.13	1/8	88.90	1/8	166.06	1/8	243.10	1/8	320.14	1/8	397.18	1/8	474.22	1/8	551.26	1/8	628.30	1/8	705.34
1/4	15.44	1/4	90.51	1/4	167.67	1/4	244.71	1/4	321.74	1/4	398.79	1/4	475.83	1/4	552.87	1/4	629.91	1/4	706.95
3/8	16.75	3/8	92.12	3/8	169.27	3/8	246.31	3/8	323.35	3/8	400.39	3/8	477.43	3/8	554.47	3/8	631.51	3/8	708.55
1/2	18.06	1/2	93.73	1/2	170.88	1/2	247.92	1/2	324.95	1/2	402.00	1/2	479.04	1/2	556.08	1/2	633.12	1/2	710.16
5/8	19.36	5/8	95.34	5/8	172.48	5/8	249.52	5/8	326.55	5/8	403.60	5/8	480.64	5/8	557.68	5/8	634.72	5/8	711.76
3/4	20.67	3/4	96.95	3/4	174.09	3/4	251.13	3/4	328.15	3/4	405.21	3/4	482.25	3/4	559.29	3/4	636.33	3/4	713.37
7/8	21.98	7/8	98.56	7/8	175.69	7/8	252.73	7/8	329.76	7/8	406.81	7/8	483.85	7/8	560.89	7/8	637.93	7/8	714.97
2	23.29	8	100.17	2	177.30	8	254.34	2	331.36	8	408.42	2	485.46	8	562.50	2	639.54	8	716.58
1/8	24.85	1/8	101.78	1/8	178.90	1/8	255.94	1/8	332.97	1/8	410.02	1/8	487.06	1/8	564.10	1/8	641.14	1/8	718.18
1/4	26.41	1/4	103.39	1/4	180.51	1/4	257.55	1/4	334.57	1/4	411.63	1/4	488.67	1/4	565.71	1/4	642.75	1/4	719.79
3/8	27.97	3/8	105.00	3/8	182.11	3/8	259.15	3/8	336.18	3/8	413.23	3/8	490.27	3/8	567.31	3/8	644.35	3/8	721.39
1/2	29.53	1/2	106.61	1/2	183.72	1/2	260.76	1/2	337.79	1/2	414.84	1/2	491.88	1/2	568.92	1/2	645.96	1/2	723.00
5/8	31.09	5/8	108.22	5/8	185.32	5/8	262.36	5/8	339.40	5/8	416.44	5/8	493.48	5/8	570.52	5/8	647.56	5/8	724.60
3/4	32.65	3/4	109.83	3/4	186.93	3/4	263.97	3/4	341.00	3/4	418.05	3/4	495.09	3/4	572.13	3/4	649.17	3/4	726.21
7/8	34.21	7/8	111.44	7/8	188.53	7/8	265.57	7/8	342.61	7/8	419.65	7/8	496.69	7/8	573.73	7/8	650.77	7/8	727.81
3	35.77	9	113.05	3	190.14	9	267.18	3	344.22	9	421.26	3	498.30	9	575.34	3	652.38	9	729.42
1/8	37.38	1/8	114.66	1/8	191.74	1/8	268.78	1/8	345.82	1/8	422.86	1/8	499.90	1/8	576.94	1/8	653.98	1/8	731.02
1/4	38.99	1/4	116.27	1/4	193.35	1/4	270.39	1/4	347.43	1/4	424.47	1/4	501.51	1/4	578.55	1/4	655.59	1/4	732.63
3/8	40.60	3/8	117.88	3/8	194.95	3/8	271.99	3/8	349.03	3/8	426.07	3/8	503.11	3/8	580.15	3/8	657.19	3/8	734.23
1/2	42.21	1/2	119.49	1/2	196.56	1/2	273.60	1/2	350.64	1/2	427.68	1/2	504.72	1/2	581.76	1/2	658.80	1/2	735.84
5/8	43.82	5/8	121.10	5/8	198.16	5/8	275.20	5/8	352.24	5/8	429.28	5/8	506.32	5/8	583.36	5/8	660.40	5/8	737.44
3/4	45.43	3/4	122.71	3/4	199.77	3/4	276.81	3/4	353.85	3/4	430.89	3/4	507.93	3/4	584.97	3/4	662.01	3/4	739.05
7/8	47.04	7/8	124.32	7/8	201.37	7/8	278.41	7/8	355.45	7/8	432.49	7/8	509.53	7/8	586.57	7/8	663.61	7/8	740.65
4	48.65	10	125.93	4	202.98	10	280.02	4	357.06	10	434.10	4	511.14	10	588.18	4	665.22	10	742.26
1/8	50.26	1/8	127.54	1/8	204.58	1/8	281.62	1/8	358.66	1/8	435.70	1/8	512.74	1/8	589.78	1/8	666.82	1/8	743.86
1/4	51.87	1/4	129.14	1/4	206.19	1/4	283.23	1/4	360.27	1/4	437.31	1/4	514.35	1/4	591.39	1/4	668.43	1/4	745.47
3/8	53.48	3/8	130.75	3/8	207.79	3/8	284.83	3/8	361.87	3/8	438.91	3/8	515.95	3/8	592.99	3/8	670.03	3/8	747.07
1/2	55.09	1/2	132.35	1/2	209.40	1/2	286.44	1/2	363.48	1/2	440.52	1/2	517.56	1/2	594.60	1/2	671.64	1/2	748.68
5/8	56.70	5/8	133.96	5/8	211.00	5/8	288.04	5/8	365.08	5/8	442.12	5/8	519.16	5/8	596.20	5/8	673.24	5/8	750.28
3/4	58.31	3/4	135.57	3/4	212.61	3/4	289.65	3/4	366.69	3/4	443.73	3/4	520.77	3/4	597.81	3/4	674.85	3/4	751.89
7/8	59.92	7/8	137.17	7/8	214.21	7/8	291.25	7/8	368.29	7/8	445.33	7/8	522.37	7/8	599.41	7/8	676.45	7/8	753.49
5	61.53	11	138.78	5	215.82	11	292.86	5	369.90	11	446.94	5	523.98	11	601.02	5	678.06	11	755.10
1/8	63.14	1/8	140.38	1/8	217.41	1/8	294.46	1/8	371.50	1/8	448.54	1/8	525.58	1/8	602.62	1/8	679.66	1/8	756.70
1/4	64.75	1/4	141.99	1/4	219.00	1/4	296.07	1/4	373.11	1/4	450.15	1/4	527.19	1/4	604.23	1/4	681.27	1/4	758.31
3/8	66.36	3/8	143.59	3/8	220.60	3/8	297.67	3/8	374.71	3/8	451.75	3/8	528.79	3/8	605.83	3/8	682.87	3/8	759.91
1/2	67.97	1/2	145.20	1/2	222.19	1/2	299.28	1/2	376.32	1/2	453.36	1/2	530.40	1/2	607.44	1/2	684.48	1/2	761.52
5/8	69.58	5/8	146.80	5/8	223.78	5/8	300.88	5/8	377.92	5/8	454.96	5/8	532.00	5/8	609.04	5/8	686.08	5/8	763.12
3/4	71.19	3/4	148.41	3/4	225.37	3/4	302.49	3/4	379.53	3/4	456.57	3/4	533.61	3/4	610.65	3/4	687.69	3/4	764.73
7/8	72.80	7/8	150.01	7/8	226.97	7/8	304.09	7/8	381.13	7/8	458.17	7/8	535.21	7/8	612.25	7/8	689.29	7/8	766.33

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 THREADS ON "MMC" VALVE

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 20'-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 "303"

3 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/4"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	767.94	6	844.98	0	922.02	6	999.06	0	1,076.10	6	1,153.14	0	1,230.18	6	1,307.27	0	1,384.36	6	1,461.45
1/8	769.54	1/8	846.58	1/8	923.62	1/8	1,000.66	1/8	1,077.70	1/8	1,154.74	1/8	1,231.79	1/8	1,308.88	1/8	1,385.97	1/8	1,462.94
1/4	771.15	1/4	848.19	1/4	925.23	1/4	1,002.27	1/4	1,079.31	1/4	1,156.35	1/4	1,233.39	1/4	1,310.48	1/4	1,387.57	1/4	1,464.43
3/8	772.75	3/8	849.79	3/8	926.83	3/8	1,003.87	3/8	1,080.91	3/8	1,157.95	3/8	1,235.00	3/8	1,312.09	3/8	1,389.18	3/8	1,465.92
1/2	774.36	1/2	851.40	1/2	928.44	1/2	1,005.48	1/2	1,082.52	1/2	1,159.56	1/2	1,236.60	1/2	1,313.70	1/2	1,390.79	1/2	1,467.42
5/8	775.96	5/8	853.00	5/8	930.04	5/8	1,007.08	5/8	1,084.12	5/8	1,161.16	5/8	1,238.21	5/8	1,315.30	5/8	1,392.39	5/8	1,468.91
3/4	777.57	3/4	854.61	3/4	931.65	3/4	1,008.69	3/4	1,085.73	3/4	1,162.77	3/4	1,239.82	3/4	1,316.91	3/4	1,394.00	3/4	1,470.40
7/8	779.17	7/8	856.21	7/8	933.25	7/8	1,010.29	7/8	1,087.33	7/8	1,164.37	7/8	1,241.42	7/8	1,318.51	7/8	1,395.60	7/8	1,471.89
1	780.78	7	857.82	1	934.86	7	1,011.90	1	1,088.94	7	1,165.98	1	1,243.03	7	1,320.12	1	1,397.21	7	1,473.38
1/8	782.38	1/8	859.42	1/8	936.46	1/8	1,013.50	1/8	1,090.54	1/8	1,167.58	1/8	1,244.64	1/8	1,321.73	1/8	1,398.82	1/8	1,474.60
1/4	783.99	1/4	861.03	1/4	938.07	1/4	1,015.11	1/4	1,092.15	1/4	1,169.19	1/4	1,246.24	1/4	1,323.33	1/4	1,400.42	1/4	1,475.83
3/8	785.59	3/8	862.63	3/8	939.67	3/8	1,016.71	3/8	1,093.75	3/8	1,170.79	3/8	1,247.85	3/8	1,324.94	3/8	1,402.03	3/8	1,477.05
1/2	787.20	1/2	864.24	1/2	941.28	1/2	1,018.32	1/2	1,095.36	1/2	1,172.40	1/2	1,249.46	1/2	1,326.55	1/2	1,403.64	1/2	1,478.27
5/8	788.80	5/8	865.84	5/8	942.88	5/8	1,019.92	5/8	1,096.96	5/8	1,174.00	5/8	1,251.06	5/8	1,328.15	5/8	1,405.24	5/8	1,479.50
3/4	790.41	3/4	867.45	3/4	944.49	3/4	1,021.53	3/4	1,098.57	3/4	1,175.61	3/4	1,252.67	3/4	1,329.76	3/4	1,406.85	3/4	1,480.72
7/8	792.01	7/8	869.05	7/8	946.09	7/8	1,023.13	7/8	1,100.17	7/8	1,177.21	7/8	1,254.27	7/8	1,331.36	7/8	1,408.45	7/8	1,481.95
2	793.62	8	870.66	2	947.70	8	1,024.74	2	1,101.78	8	1,178.82	2	1,255.88	8	1,332.97	2	1,410.06	8	1,483.17
1/8	795.22	1/8	872.26	1/8	949.30	1/8	1,026.34	1/8	1,103.38	1/8	1,180.42	1/8	1,257.49	1/8	1,334.58	1/8	1,411.67	1/8	1,484.09
1/4	796.83	1/4	873.87	1/4	950.91	1/4	1,027.95	1/4	1,104.99	1/4	1,182.03	1/4	1,259.09	1/4	1,336.18	1/4	1,413.27	1/4	1,485.00
3/8	798.43	3/8	875.47	3/8	952.51	3/8	1,029.55	3/8	1,106.59	3/8	1,183.63	3/8	1,260.70	3/8	1,337.79	3/8	1,414.88	3/8	1,485.92
1/2	800.04	1/2	877.08	1/2	954.12	1/2	1,031.16	1/2	1,108.20	1/2	1,185.24	1/2	1,262.31	1/2	1,339.40	1/2	1,416.48	1/2	1,486.83
5/8	801.64	5/8	878.68	5/8	955.72	5/8	1,032.76	5/8	1,109.80	5/8	1,186.84	5/8	1,263.91	5/8	1,341.00	5/8	1,418.09	5/8	1,487.75
3/4	803.25	3/4	880.29	3/4	957.33	3/4	1,034.37	3/4	1,111.41	3/4	1,188.45	3/4	1,265.52	3/4	1,342.61	3/4	1,419.69	3/4	1,488.67
7/8	804.85	7/8	881.89	7/8	958.93	7/8	1,035.97	7/8	1,113.01	7/8	1,190.05	7/8	1,267.12	7/8	1,344.21	7/8	1,421.29	7/8	1,489.58
3	806.46	9	883.50	3	960.54	9	1,037.58	3	1,114.62	9	1,191.66	3	1,268.73	9	1,345.82	3	1,422.90	9	1,490.50
1/8	808.06	1/8	885.10	1/8	962.14	1/8	1,039.18	1/8	1,116.22	1/8	1,193.26	1/8	1,270.34	1/8	1,347.43	1/8	1,424.51	1/8	1,491.11
1/4	809.67	1/4	886.71	1/4	963.75	1/4	1,040.79	1/4	1,117.83	1/4	1,194.87	1/4	1,271.94	1/4	1,349.03	1/4	1,426.11	1/4	1,491.72
3/8	811.27	3/8	888.31	3/8	965.35	3/8	1,042.39	3/8	1,119.43	3/8	1,196.47	3/8	1,273.55	3/8	1,350.64	3/8	1,427.72	3/8	1,492.33
1/2	812.88	1/2	889.92	1/2	966.96	1/2	1,044.00	1/2	1,121.04	1/2	1,198.08	1/2	1,275.16	1/2	1,352.24	1/2	1,429.32	1/2	1,492.94
5/8	814.48	5/8	891.52	5/8	968.56	5/8	1,045.60	5/8	1,122.64	5/8	1,199.68	5/8	1,276.76	5/8	1,353.85	5/8	1,430.93	5/8	1,493.55
3/4	816.09	3/4	893.13	3/4	970.17	3/4	1,047.21	3/4	1,124.25	3/4	1,201.29	3/4	1,278.37	3/4	1,355.45	3/4	1,432.54	3/4	1,494.16
7/8	817.69	7/8	894.73	7/8	971.77	7/8	1,048.81	7/8	1,125.85	7/8	1,202.89	7/8	1,279.97	7/8	1,357.05	7/8	1,434.14	7/8	1,494.77
4	819.30	10	896.34	4	973.38	10	1,050.42	4	1,127.46	10	1,204.50	4	1,281.58	10	1,358.66	4	1,435.75	10	1,495.38
1/8	820.90	1/8	897.94	1/8	974.98	1/8	1,052.02	1/8	1,129.06	1/8	1,206.10	1/8	1,283.19	1/8	1,360.27	1/8	1,437.36	1/8	1,495.68
1/4	822.51	1/4	899.55	1/4	976.59	1/4	1,053.63	1/4	1,130.67	1/4	1,207.71	1/4	1,284.79	1/4	1,361.87	1/4	1,438.96	1/4	1,495.98
3/8	824.11	3/8	901.15	3/8	978.19	3/8	1,055.23	3/8	1,132.27	3/8	1,209.31	3/8	1,286.40	3/8	1,363.48	3/8	1,440.57	3/8	1,496.29
1/2	825.72	1/2	902.76	1/2	979.80	1/2	1,056.84	1/2	1,133.88	1/2	1,210.92	1/2	1,288.00	1/2	1,365.08	1/2	1,442.18	1/2	1,496.59
5/8	827.32	5/8	904.36	5/8	981.40	5/8	1,058.44	5/8	1,135.48	5/8	1,212.52	5/8	1,289.61	5/8	1,366.69	5/8	1,443.78	5/8	1,496.89
3/4	828.93	3/4	905.97	3/4	983.01	3/4	1,060.05	3/4	1,137.09	3/4	1,214.13	3/4	1,291.21	3/4	1,368.30	3/4	1,445.39	3/4	1,497.19
7/8	830.53	7/8	907.57	7/8	984.61	7/8	1,061.65	7/8	1,138.69	7/8	1,215.73	7/8	1,292.81	7/8	1,369.90	7/8	1,446.99	7/8	1,497.50
5	832.14	11	909.18	5	986.22	11	1,063.26	5	1,140.30	11	1,217.34	5	1,294.42	11	1,371.51	5	1,448.60	11	1,497.80
1/8	833.74	1/8	910.78	1/8	987.82	1/8	1,064.86	1/8	1,141.90	1/8	1,218.94	1/8	1,296.03	1/8	1,373.12	1/8	1,450.21	1/8	1,497.93
1/4	835.35	1/4	912.39	1/4	989.43	1/4	1,066.47	1/4	1,143.51	1/4	1,220.55	1/4	1,297.63	1/4	1,374.72	1/4	1,451.81	1/4	1,498.06
3/8	836.95	3/8	913.99	3/8	991.03	3/8	1,068.07	3/8	1,145.11	3/8	1,222.15	3/8	1,299.24	3/8	1,376.33	3/8	1,453.42	3/8	1,498.19
1/2	838.56	1/2	915.60	1/2	992.64	1/2	1,069.68	1/2	1,146.72	1/2	1,223.76	1/2	1,300.84	1/2	1,377.94	1/2	1,455.03	1/2	1,498.32
5/8	840.16	5/8	917.20	5/8	994.24	5/8	1,071.28	5/8	1,148.32	5/8	1,225.36	5/8	1,302.45	5/8	1,379.54	5/8	1,456.63	5/8	
3/4	841.77	3/4	918.81	3/4	995.85	3/4	1,072.89	3/4	1,149.93	3/4	1,226.97	3/4	1,304.06	3/4	1,381.15	3/4	1,458.24	3/4	
7/8	843.37	7/8	920.41	7/8	997.45	7/8	1,074.49	7/8	1,151.53	7/8	1,228.57	7/8	1,305.66	7/8	1,382.75	7/8	1,459.84	7/8	

DECK MEASUREMENTS: 04/08/2020 JS
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "303"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/2"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.57	6	74.41	0	151.62	6	228.66	0	305.70	6	382.74	0	459.78	6	536.82	0	613.86	6	690.90
1/8	6.48	1/8	76.02	1/8	153.22	1/8	230.26	1/8	307.30	1/8	384.34	1/8	461.38	1/8	538.42	1/8	615.46	1/8	692.50
1/4	7.38	1/4	77.63	1/4	154.83	1/4	231.87	1/4	308.91	1/4	385.95	1/4	462.99	1/4	540.03	1/4	617.07	1/4	694.11
3/8	8.29	3/8	79.24	3/8	156.43	3/8	233.47	3/8	310.51	3/8	387.55	3/8	464.59	3/8	541.63	3/8	618.67	3/8	695.71
1/2	9.20	1/2	80.85	1/2	158.04	1/2	235.08	1/2	312.12	1/2	389.16	1/2	466.20	1/2	543.23	1/2	620.28	1/2	697.32
5/8	10.10	5/8	82.46	5/8	159.64	5/8	236.68	5/8	313.72	5/8	390.76	5/8	467.80	5/8	544.84	5/8	621.88	5/8	698.92
3/4	11.01	3/4	84.07	3/4	161.25	3/4	238.29	3/4	315.33	3/4	392.37	3/4	469.41	3/4	546.44	3/4	623.49	3/4	700.53
7/8	11.91	7/8	85.68	7/8	162.85	7/8	239.89	7/8	316.93	7/8	393.97	7/8	471.01	7/8	548.05	7/8	625.09	7/8	702.13
1	12.82	7	87.29	1	164.46	7	241.50	1	318.54	7	395.58	1	472.62	7	549.65	1	626.70	7	703.74
1/8	14.13	1/8	88.90	1/8	166.06	1/8	243.10	1/8	320.14	1/8	397.18	1/8	474.22	1/8	551.26	1/8	628.30	1/8	705.34
1/4	15.44	1/4	90.51	1/4	167.67	1/4	244.71	1/4	321.75	1/4	398.79	1/4	475.83	1/4	552.86	1/4	629.91	1/4	706.95
3/8	16.75	3/8	92.12	3/8	169.27	3/8	246.31	3/8	323.35	3/8	400.39	3/8	477.43	3/8	554.47	3/8	631.51	3/8	708.55
1/2	18.06	1/2	93.73	1/2	170.88	1/2	247.92	1/2	324.96	1/2	402.00	1/2	479.04	1/2	556.07	1/2	633.12	1/2	710.16
5/8	19.36	5/8	95.34	5/8	172.48	5/8	249.52	5/8	326.56	5/8	403.60	5/8	480.64	5/8	557.68	5/8	634.72	5/8	711.76
3/4	20.67	3/4	96.95	3/4	174.09	3/4	251.13	3/4	328.17	3/4	405.21	3/4	482.25	3/4	559.29	3/4	636.33	3/4	713.37
7/8	21.98	7/8	98.56	7/8	175.69	7/8	252.73	7/8	329.77	7/8	406.81	7/8	483.85	7/8	560.89	7/8	637.93	7/8	714.97
2	23.29	8	100.17	2	177.30	8	254.34	2	331.38	8	408.42	2	485.46	8	562.50	2	639.54	8	716.58
1/8	24.85	1/8	101.78	1/8	178.90	1/8	255.94	1/8	332.98	1/8	410.02	1/8	487.06	1/8	564.10	1/8	641.14	1/8	718.18
1/4	26.41	1/4	103.39	1/4	180.51	1/4	257.55	1/4	334.59	1/4	411.63	1/4	488.67	1/4	565.71	1/4	642.75	1/4	719.79
3/8	27.97	3/8	105.00	3/8	182.11	3/8	259.15	3/8	336.19	3/8	413.23	3/8	490.27	3/8	567.31	3/8	644.35	3/8	721.39
1/2	29.53	1/2	106.61	1/2	183.72	1/2	260.76	1/2	337.80	1/2	414.84	1/2	491.88	1/2	568.92	1/2	645.96	1/2	723.00
5/8	31.09	5/8	108.22	5/8	185.32	5/8	262.36	5/8	339.40	5/8	416.44	5/8	493.48	5/8	570.52	5/8	647.56	5/8	724.60
3/4	32.65	3/4	109.83	3/4	186.93	3/4	263.97	3/4	341.01	3/4	418.05	3/4	495.09	3/4	572.13	3/4	649.17	3/4	726.21
7/8	34.21	7/8	111.44	7/8	188.53	7/8	265.57	7/8	342.61	7/8	419.65	7/8	496.69	7/8	573.73	7/8	650.77	7/8	727.81
3	35.77	9	113.05	3	190.14	9	267.18	3	344.22	9	421.26	3	498.30	9	575.34	3	652.38	9	729.42
1/8	37.38	1/8	114.66	1/8	191.74	1/8	268.78	1/8	345.82	1/8	422.86	1/8	499.90	1/8	576.94	1/8	653.98	1/8	731.02
1/4	38.99	1/4	116.27	1/4	193.35	1/4	270.39	1/4	347.43	1/4	424.47	1/4	501.51	1/4	578.55	1/4	655.59	1/4	732.63
3/8	40.60	3/8	117.88	3/8	194.95	3/8	271.99	3/8	349.03	3/8	426.07	3/8	503.11	3/8	580.15	3/8	657.19	3/8	734.23
1/2	42.21	1/2	119.49	1/2	196.56	1/2	273.60	1/2	350.64	1/2	427.68	1/2	504.72	1/2	581.76	1/2	658.80	1/2	735.84
5/8	43.82	5/8	121.10	5/8	198.16	5/8	275.20	5/8	352.24	5/8	429.28	5/8	506.32	5/8	583.36	5/8	660.40	5/8	737.44
3/4	45.43	3/4	122.71	3/4	199.77	3/4	276.81	3/4	353.85	3/4	430.89	3/4	507.93	3/4	584.97	3/4	662.01	3/4	739.05
7/8	47.04	7/8	124.32	7/8	201.37	7/8	278.41	7/8	355.45	7/8	432.49	7/8	509.53	7/8	586.57	7/8	663.61	7/8	740.65
4	48.65	10	125.93	4	202.98	10	280.02	4	357.06	10	434.10	4	511.14	10	588.18	4	665.22	10	742.26
1/8	50.26	1/8	127.54	1/8	204.58	1/8	281.62	1/8	358.66	1/8	435.70	1/8	512.74	1/8	589.78	1/8	666.82	1/8	743.86
1/4	51.87	1/4	129.14	1/4	206.19	1/4	283.23	1/4	360.27	1/4	437.31	1/4	514.35	1/4	591.39	1/4	668.43	1/4	745.47
3/8	53.48	3/8	130.75	3/8	207.79	3/8	284.83	3/8	361.87	3/8	438.91	3/8	515.95	3/8	592.99	3/8	670.03	3/8	747.07
1/2	55.09	1/2	132.35	1/2	209.40	1/2	286.44	1/2	363.48	1/2	440.52	1/2	517.56	1/2	594.60	1/2	671.64	1/2	748.68
5/8	56.70	5/8	133.96	5/8	211.00	5/8	288.04	5/8	365.08	5/8	442.12	5/8	519.16	5/8	596.20	5/8	673.24	5/8	750.28
3/4	58.31	3/4	135.57	3/4	212.61	3/4	289.65	3/4	366.69	3/4	443.73	3/4	520.77	3/4	597.81	3/4	674.85	3/4	751.89
7/8	59.92	7/8	137.17	7/8	214.21	7/8	291.25	7/8	368.29	7/8	445.33	7/8	522.37	7/8	599.41	7/8	676.45	7/8	753.49
5	61.53	11	138.78	5	215.82	11	292.86	5	369.90	11	446.94	5	523.98	11	601.02	5	678.06	11	755.10
1/8	63.14	1/8	140.38	1/8	217.42	1/8	294.46	1/8	371.50	1/8	448.54	1/8	525.58	1/8	602.62	1/8	679.66	1/8	756.70
1/4	64.75	1/4	141.99	1/4	219.03	1/4	296.07	1/4	373.11	1/4	450.15	1/4	527.19	1/4	604.23	1/4	681.27	1/4	758.31
3/8	66.36	3/8	143.59	3/8	220.63	3/8	297.67	3/8	374.71	3/8	451.75	3/8	528.79	3/8	605.83	3/8	682.87	3/8	759.91
1/2	67.97	1/2	145.20	1/2	222.24	1/2	299.28	1/2	376.32	1/2	453.36	1/2	530.40	1/2	607.44	1/2	684.48	1/2	761.52
5/8	69.58	5/8	146.80	5/8	223.84	5/8	300.88	5/8	377.92	5/8	454.96	5/8	532.00	5/8	609.04	5/8	686.08	5/8	763.12
3/4	71.19	3/4	148.41	3/4	225.45	3/4	302.49	3/4	379.53	3/4	456.57	3/4	533.61	3/4	610.65	3/4	687.69	3/4	764.73
7/8	72.80	7/8	150.01	7/8	227.05	7/8	304.09	7/8	381.13	7/8	458.17	7/8	535.21	7/8	612.25	7/8	689.29	7/8	766.33

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 20'-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 "303"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	767.94	6	844.98	0	922.02	6	999.06	0	1,076.10	6	1,153.14	0	1,230.18	6	1,307.27	0	1,384.36	6	1,461.45
1/8	769.54	1/8	846.58	1/8	923.62	1/8	1,000.66	1/8	1,077.70	1/8	1,154.74	1/8	1,231.79	1/8	1,308.88	1/8	1,385.97	1/8	1,462.94
1/4	771.15	1/4	848.19	1/4	925.23	1/4	1,002.27	1/4	1,079.31	1/4	1,156.35	1/4	1,233.39	1/4	1,310.48	1/4	1,387.57	1/4	1,464.43
3/8	772.75	3/8	849.79	3/8	926.83	3/8	1,003.87	3/8	1,080.91	3/8	1,157.95	3/8	1,235.00	3/8	1,312.09	3/8	1,389.18	3/8	1,465.92
1/2	774.36	1/2	851.40	1/2	928.44	1/2	1,005.48	1/2	1,082.52	1/2	1,159.56	1/2	1,236.60	1/2	1,313.70	1/2	1,390.79	1/2	1,467.42
5/8	775.96	5/8	853.00	5/8	930.04	5/8	1,007.08	5/8	1,084.12	5/8	1,161.16	5/8	1,238.21	5/8	1,315.30	5/8	1,392.39	5/8	1,468.91
3/4	777.57	3/4	854.61	3/4	931.65	3/4	1,008.69	3/4	1,085.73	3/4	1,162.77	3/4	1,239.82	3/4	1,316.91	3/4	1,394.00	3/4	1,470.40
7/8	779.17	7/8	856.21	7/8	933.25	7/8	1,010.29	7/8	1,087.33	7/8	1,164.37	7/8	1,241.42	7/8	1,318.51	7/8	1,395.60	7/8	1,471.89
1	780.78	7	857.82	1	934.86	7	1,011.90	1	1,088.94	7	1,165.98	1	1,243.03	7	1,320.12	1	1,397.21	7	1,473.38
1/8	782.38	1/8	859.42	1/8	936.46	1/8	1,013.50	1/8	1,090.54	1/8	1,167.58	1/8	1,244.64	1/8	1,321.73	1/8	1,398.82	1/8	1,474.60
1/4	783.99	1/4	861.03	1/4	938.07	1/4	1,015.11	1/4	1,092.15	1/4	1,169.19	1/4	1,246.24	1/4	1,323.33	1/4	1,400.42	1/4	1,475.83
3/8	785.59	3/8	862.63	3/8	939.67	3/8	1,016.71	3/8	1,093.75	3/8	1,170.79	3/8	1,247.85	3/8	1,324.94	3/8	1,402.03	3/8	1,477.05
1/2	787.20	1/2	864.24	1/2	941.28	1/2	1,018.32	1/2	1,095.36	1/2	1,172.40	1/2	1,249.46	1/2	1,326.55	1/2	1,403.64	1/2	1,478.27
5/8	788.80	5/8	865.84	5/8	942.88	5/8	1,019.92	5/8	1,096.96	5/8	1,174.00	5/8	1,251.06	5/8	1,328.15	5/8	1,405.24	5/8	1,479.50
3/4	790.41	3/4	867.45	3/4	944.49	3/4	1,021.53	3/4	1,098.57	3/4	1,175.61	3/4	1,252.67	3/4	1,329.76	3/4	1,406.85	3/4	1,480.72
7/8	792.01	7/8	869.05	7/8	946.09	7/8	1,023.13	7/8	1,100.17	7/8	1,177.21	7/8	1,254.27	7/8	1,331.36	7/8	1,408.45	7/8	1,481.95
2	793.62	8	870.66	2	947.70	8	1,024.74	2	1,101.78	8	1,178.82	2	1,255.88	8	1,332.97	2	1,410.06	8	1,483.17
1/8	795.22	1/8	872.26	1/8	949.30	1/8	1,026.34	1/8	1,103.38	1/8	1,180.42	1/8	1,257.49	1/8	1,334.58	1/8	1,411.67	1/8	1,484.09
1/4	796.83	1/4	873.87	1/4	950.91	1/4	1,027.95	1/4	1,104.99	1/4	1,182.03	1/4	1,259.09	1/4	1,336.18	1/4	1,413.27	1/4	1,485.00
3/8	798.43	3/8	875.47	3/8	952.51	3/8	1,029.55	3/8	1,106.59	3/8	1,183.63	3/8	1,260.70	3/8	1,337.79	3/8	1,414.88	3/8	1,485.92
1/2	800.04	1/2	877.08	1/2	954.12	1/2	1,031.16	1/2	1,108.20	1/2	1,185.24	1/2	1,262.31	1/2	1,339.40	1/2	1,416.48	1/2	1,486.83
5/8	801.64	5/8	878.68	5/8	955.72	5/8	1,032.76	5/8	1,109.80	5/8	1,186.84	5/8	1,263.91	5/8	1,341.00	5/8	1,418.09	5/8	1,487.75
3/4	803.25	3/4	880.29	3/4	957.33	3/4	1,034.37	3/4	1,111.41	3/4	1,188.45	3/4	1,265.52	3/4	1,342.61	3/4	1,419.69	3/4	1,488.67
7/8	804.85	7/8	881.89	7/8	958.93	7/8	1,035.97	7/8	1,113.01	7/8	1,190.05	7/8	1,267.12	7/8	1,344.21	7/8	1,421.29	7/8	1,489.58
3	806.46	9	883.50	3	960.54	9	1,037.58	3	1,114.62	9	1,191.66	3	1,268.73	9	1,345.82	3	1,422.90	9	1,490.50
1/8	808.06	1/8	885.10	1/8	962.14	1/8	1,039.18	1/8	1,116.22	1/8	1,193.26	1/8	1,270.34	1/8	1,347.43	1/8	1,424.51	1/8	1,491.11
1/4	809.67	1/4	886.71	1/4	963.75	1/4	1,040.79	1/4	1,117.83	1/4	1,194.87	1/4	1,271.94	1/4	1,349.03	1/4	1,426.11	1/4	1,491.72
3/8	811.27	3/8	888.31	3/8	965.35	3/8	1,042.39	3/8	1,119.43	3/8	1,196.47	3/8	1,273.55	3/8	1,350.64	3/8	1,427.72	3/8	1,492.33
1/2	812.88	1/2	889.92	1/2	966.96	1/2	1,044.00	1/2	1,121.04	1/2	1,198.08	1/2	1,275.16	1/2	1,352.24	1/2	1,429.32	1/2	1,492.94
5/8	814.48	5/8	891.52	5/8	968.56	5/8	1,045.60	5/8	1,122.64	5/8	1,199.68	5/8	1,276.76	5/8	1,353.85	5/8	1,430.93	5/8	1,493.55
3/4	816.09	3/4	893.13	3/4	970.17	3/4	1,047.21	3/4	1,124.25	3/4	1,201.29	3/4	1,278.37	3/4	1,355.45	3/4	1,432.54	3/4	1,494.16
7/8	817.69	7/8	894.73	7/8	971.77	7/8	1,048.81	7/8	1,125.85	7/8	1,202.89	7/8	1,279.97	7/8	1,357.05	7/8	1,434.14	7/8	1,494.77
4	819.30	10	896.34	4	973.38	10	1,050.42	4	1,127.46	10	1,204.50	4	1,281.58	10	1,358.66	4	1,435.75	10	1,495.38
1/8	820.90	1/8	897.94	1/8	974.98	1/8	1,052.02	1/8	1,129.06	1/8	1,206.10	1/8	1,283.19	1/8	1,360.27	1/8	1,437.36	1/8	1,495.68
1/4	822.51	1/4	899.55	1/4	976.59	1/4	1,053.63	1/4	1,130.67	1/4	1,207.71	1/4	1,284.79	1/4	1,361.87	1/4	1,438.96	1/4	1,495.98
3/8	824.11	3/8	901.15	3/8	978.19	3/8	1,055.23	3/8	1,132.27	3/8	1,209.31	3/8	1,286.40	3/8	1,363.48	3/8	1,440.57	3/8	1,496.29
1/2	825.72	1/2	902.76	1/2	979.80	1/2	1,056.84	1/2	1,133.88	1/2	1,210.92	1/2	1,288.00	1/2	1,365.08	1/2	1,442.18	1/2	1,496.59
5/8	827.32	5/8	904.36	5/8	981.40	5/8	1,058.44	5/8	1,135.48	5/8	1,212.52	5/8	1,289.61	5/8	1,366.69	5/8	1,443.78	5/8	1,496.89
3/4	828.93	3/4	905.97	3/4	983.01	3/4	1,060.05	3/4	1,137.09	3/4	1,214.13	3/4	1,291.21	3/4	1,368.30	3/4	1,445.39	3/4	1,497.19
7/8	830.53	7/8	907.57	7/8	984.61	7/8	1,061.65	7/8	1,138.69	7/8	1,215.73	7/8	1,292.81	7/8	1,369.90	7/8	1,446.99	7/8	1,497.50
5	832.14	11	909.18	5	986.22	11	1,063.26	5	1,140.30	11	1,217.34	5	1,294.42	11	1,371.51	5	1,448.60	11	1,497.80
1/8	833.74	1/8	910.78	1/8	987.82	1/8	1,064.86	1/8	1,141.90	1/8	1,218.94	1/8	1,296.03	1/8	1,373.12	1/8	1,450.21	1/8	1,497.93
1/4	835.35	1/4	912.39	1/4	989.43	1/4	1,066.47	1/4	1,143.51	1/4	1,220.55	1/4	1,297.63	1/4	1,374.72	1/4	1,451.81	1/4	1,498.06
3/8	836.95	3/8	913.99	3/8	991.03	3/8	1,068.07	3/8	1,145.11	3/8	1,222.15	3/8	1,299.24	3/8	1,376.33	3/8	1,453.42	3/8	1,498.19
1/2	838.56	1/2	915.60	1/2	992.64	1/2	1,069.68	1/2	1,146.72	1/2	1,223.76	1/2	1,300.84	1/2	1,377.94	1/2	1,455.03	1/2	1,498.32
5/8	840.16	5/8	917.20	5/8	994.24	5/8	1,071.28	5/8	1,148.32	5/8	1,225.36	5/8	1,302.45	5/8	1,379.54	5/8	1,456.63	5/8	
3/4	841.77	3/4	918.81	3/4	995.85	3/4	1,072.89	3/4	1,149.93	3/4	1,226.97	3/4	1,304.06	3/4	1,381.15	3/4	1,458.24	3/4	
7/8	843.37	7/8	920.41	7/8	997.45	7/8	1,074.49	7/8	1,151.53	7/8	1,228.57	7/8	1,305.66	7/8	1,382.75	7/8	1,459.84	7/8	

DECK MEASURMENTS: 04/08/2020 JS
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "303"

4 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.57	6	74.31	0	151.49	6	228.68	0	305.86	6	383.04	0	460.23	6	537.41	0	614.60	6	691.78
1/8	6.47	1/8	75.92	1/8	153.10	1/8	230.29	1/8	307.47	1/8	384.65	1/8	461.84	1/8	539.02	1/8	616.21	1/8	693.39
1/4	7.38	1/4	77.53	1/4	154.71	1/4	231.89	1/4	309.07	1/4	386.26	1/4	463.45	1/4	540.63	1/4	617.81	1/4	694.99
3/8	8.28	3/8	79.13	3/8	156.32	3/8	233.50	3/8	310.68	3/8	387.87	3/8	465.05	3/8	542.24	3/8	619.42	3/8	696.60
1/2	9.18	1/2	80.74	1/2	157.92	1/2	235.11	1/2	312.29	1/2	389.47	1/2	466.66	1/2	543.84	1/2	621.03	1/2	698.21
5/8	10.09	5/8	82.35	5/8	159.53	5/8	236.72	5/8	313.90	5/8	391.08	5/8	468.27	5/8	545.45	5/8	622.64	5/8	699.82
3/4	10.99	3/4	83.96	3/4	161.14	3/4	238.32	3/4	315.50	3/4	392.69	3/4	469.88	3/4	547.06	3/4	624.24	3/4	701.42
7/8	11.90	7/8	85.56	7/8	162.75	7/8	239.93	7/8	317.11	7/8	394.30	7/8	471.48	7/8	548.67	7/8	625.85	7/8	703.03
1	12.80	7	87.17	1	164.36	7	241.54	1	318.72	7	395.91	1	473.09	7	550.28	1	627.46	7	704.64
1/8	14.11	1/8	88.78	1/8	165.97	1/8	243.15	1/8	320.33	1/8	397.52	1/8	474.70	1/8	551.89	1/8	629.07	1/8	706.25
1/4	15.41	1/4	90.39	1/4	167.57	1/4	244.75	1/4	321.94	1/4	399.13	1/4	476.31	1/4	553.49	1/4	630.67	1/4	707.86
3/8	16.72	3/8	92.00	3/8	169.18	3/8	246.36	3/8	323.55	3/8	400.73	3/8	477.92	3/8	555.10	3/8	632.28	3/8	709.47
1/2	18.02	1/2	93.60	1/2	170.79	1/2	247.97	1/2	325.15	1/2	402.34	1/2	479.52	1/2	556.71	1/2	633.89	1/2	711.07
5/8	19.33	5/8	95.21	5/8	172.40	5/8	249.58	5/8	326.76	5/8	403.95	5/8	481.13	5/8	558.32	5/8	635.50	5/8	712.68
3/4	20.64	3/4	96.82	3/4	174.00	3/4	251.18	3/4	328.37	3/4	405.56	3/4	482.74	3/4	559.92	3/4	637.10	3/4	714.29
7/8	21.94	7/8	98.43	7/8	175.61	7/8	252.79	7/8	329.98	7/8	407.16	7/8	484.35	7/8	561.53	7/8	638.71	7/8	715.90
2	23.25	8	100.04	2	177.22	8	254.40	2	331.59	8	408.77	2	485.96	8	563.14	2	640.32	8	717.51
1/8	24.81	1/8	101.65	1/8	178.83	1/8	256.01	1/8	333.20	1/8	410.38	1/8	487.57	1/8	564.75	1/8	641.93	1/8	719.12
1/4	26.37	1/4	103.25	1/4	180.43	1/4	257.62	1/4	334.80	1/4	411.99	1/4	489.17	1/4	566.35	1/4	643.54	1/4	720.72
3/8	27.93	3/8	104.86	3/8	182.04	3/8	259.23	3/8	336.41	3/8	413.60	3/8	490.78	3/8	567.96	3/8	645.15	3/8	722.33
1/2	29.48	1/2	106.47	1/2	183.65	1/2	260.83	1/2	338.02	1/2	415.20	1/2	492.39	1/2	569.57	1/2	646.75	1/2	723.94
5/8	31.04	5/8	108.08	5/8	185.26	5/8	262.44	5/8	339.63	5/8	416.81	5/8	494.00	5/8	571.18	5/8	648.36	5/8	725.55
3/4	32.60	3/4	109.68	3/4	186.86	3/4	264.05	3/4	341.24	3/4	418.42	3/4	495.60	3/4	572.78	3/4	649.97	3/4	727.15
7/8	34.16	7/8	111.29	7/8	188.47	7/8	265.66	7/8	342.84	7/8	420.03	7/8	497.21	7/8	574.39	7/8	651.58	7/8	728.76
3	35.72	9	112.90	3	190.08	9	267.27	3	344.45	9	421.64	3	498.82	9	576.00	3	653.19	9	730.37
1/8	37.33	1/8	114.51	1/8	191.69	1/8	268.88	1/8	346.06	1/8	423.25	1/8	500.42	1/8	577.61	1/8	654.80	1/8	731.98
1/4	38.93	1/4	116.11	1/4	193.30	1/4	270.48	1/4	347.67	1/4	424.85	1/4	502.03	1/4	579.22	1/4	656.40	1/4	733.59
3/8	40.54	3/8	117.72	3/8	194.91	3/8	272.09	3/8	349.28	3/8	426.46	3/8	503.63	3/8	580.83	3/8	658.01	3/8	735.20
1/2	42.15	1/2	119.33	1/2	196.51	1/2	273.70	1/2	350.88	1/2	428.07	1/2	505.24	1/2	582.43	1/2	659.62	1/2	736.80
5/8	43.76	5/8	120.94	5/8	198.12	5/8	275.31	5/8	352.49	5/8	429.68	5/8	506.84	5/8	584.04	5/8	661.23	5/8	738.41
3/4	45.36	3/4	122.54	3/4	199.73	3/4	276.91	3/4	354.10	3/4	431.28	3/4	508.45	3/4	585.65	3/4	662.83	3/4	740.02
7/8	46.97	7/8	124.15	7/8	201.34	7/8	278.52	7/8	355.71	7/8	432.89	7/8	510.05	7/8	587.26	7/8	664.44	7/8	741.63
4	48.58	10	125.76	4	202.95	10	280.13	4	357.32	10	434.50	4	511.66	10	588.87	4	666.05	10	743.24
1/8	50.19	1/8	127.37	1/8	204.56	1/8	281.74	1/8	358.93	1/8	436.11	1/8	513.27	1/8	590.48	1/8	667.66	1/8	744.85
1/4	51.79	1/4	128.98	1/4	206.17	1/4	283.35	1/4	360.53	1/4	437.71	1/4	514.88	1/4	592.08	1/4	669.27	1/4	746.45
3/8	53.40	3/8	130.59	3/8	207.77	3/8	284.96	3/8	362.14	3/8	439.32	3/8	516.49	3/8	593.69	3/8	670.88	3/8	748.06
1/2	55.01	1/2	132.19	1/2	209.38	1/2	286.56	1/2	363.75	1/2	440.93	1/2	518.10	1/2	595.30	1/2	672.48	1/2	749.67
5/8	56.62	5/8	133.80	5/8	210.99	5/8	288.17	5/8	365.36	5/8	442.54	5/8	519.72	5/8	596.91	5/8	674.09	5/8	751.28
3/4	58.22	3/4	135.41	3/4	212.60	3/4	289.78	3/4	366.96	3/4	444.14	3/4	521.33	3/4	598.51	3/4	675.70	3/4	752.88
7/8	59.83	7/8	137.02	7/8	214.20	7/8	291.39	7/8	368.57	7/8	445.75	7/8	522.94	7/8	600.12	7/8	677.31	7/8	754.49
5	61.44	11	138.63	5	215.81	11	293.00	5	370.18	11	447.36	5	524.55	11	601.73	5	678.92	11	756.10
1/8	63.05	1/8	140.24	1/8	217.42	1/8	294.61	1/8	371.79	1/8	448.97	1/8	526.16	1/8	603.34	1/8	680.53	1/8	757.71
1/4	64.66	1/4	141.85	1/4	219.03	1/4	296.21	1/4	373.39	1/4	450.58	1/4	527.77	1/4	604.95	1/4	682.13	1/4	759.31
3/8	66.27	3/8	143.45	3/8	220.64	3/8	297.82	3/8	375.00	3/8	452.19	3/8	529.37	3/8	606.56	3/8	683.74	3/8	760.92
1/2	67.87	1/2	145.06	1/2	222.24	1/2	299.43	1/2	376.61	1/2	453.79	1/2	530.98	1/2	608.16	1/2	685.35	1/2	762.53
5/8	69.48	5/8	146.67	5/8	223.85	5/8	301.04	5/8	378.22	5/8	455.40	5/8	532.59	5/8	609.77	5/8	686.96	5/8	764.14
3/4	71.09	3/4	148.28	3/4	225.46	3/4	302.64	3/4	379.82	3/4	457.01	3/4	534.20	3/4	611.38	3/4	688.56	3/4	765.74
7/8	72.70	7/8	149.88	7/8	227.07	7/8	304.25	7/8	381.43	7/8	458.62	7/8	535.80	7/8	612.99	7/8	690.17	7/8	767.35

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 20'-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 "303"

4 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	768.96	6	846.15	0	923.33	6	1,000.52	0	1,077.70	6	1,154.88	0	1,232.04	6	1,309.04	0	1,386.03	6	1,463.02
1/8	770.57	1/8	847.76	1/8	924.94	1/8	1,002.13	1/8	1,079.31	1/8	1,156.49	1/8	1,233.64	1/8	1,310.64	1/8	1,387.63	1/8	1,464.51
1/4	772.18	1/4	849.36	1/4	926.55	1/4	1,003.73	1/4	1,080.92	1/4	1,158.10	1/4	1,235.25	1/4	1,312.25	1/4	1,389.24	1/4	1,466.00
3/8	773.79	3/8	850.97	3/8	928.16	3/8	1,005.34	3/8	1,082.53	3/8	1,159.71	3/8	1,236.85	3/8	1,313.85	3/8	1,390.84	3/8	1,467.49
1/2	775.39	1/2	852.58	1/2	929.76	1/2	1,006.95	1/2	1,084.14	1/2	1,161.31	1/2	1,238.46	1/2	1,315.45	1/2	1,392.45	1/2	1,468.98
5/8	777.00	5/8	854.19	5/8	931.37	5/8	1,008.56	5/8	1,085.75	5/8	1,162.92	5/8	1,240.06	5/8	1,317.06	5/8	1,394.05	5/8	1,470.46
3/4	778.61	3/4	855.79	3/4	932.98	3/4	1,010.16	3/4	1,087.36	3/4	1,164.53	3/4	1,241.67	3/4	1,318.66	3/4	1,395.65	3/4	1,471.95
7/8	780.22	7/8	857.40	7/8	934.59	7/8	1,011.77	7/8	1,088.97	7/8	1,166.14	7/8	1,243.27	7/8	1,320.27	7/8	1,397.26	7/8	1,473.44
1	781.83	7	859.01	1	936.20	7	1,013.38	1	1,090.58	7	1,167.75	1	1,244.88	7	1,321.87	1	1,398.86	7	1,474.93
1/8	783.44	1/8	860.62	1/8	937.81	1/8	1,014.99	1/8	1,092.19	1/8	1,169.36	1/8	1,246.48	1/8	1,323.47	1/8	1,400.46	1/8	1,476.15
1/4	785.04	1/4	862.23	1/4	939.41	1/4	1,016.59	1/4	1,093.79	1/4	1,170.96	1/4	1,248.09	1/4	1,325.08	1/4	1,402.07	1/4	1,477.37
3/8	786.65	3/8	863.84	3/8	941.02	3/8	1,018.20	3/8	1,095.40	3/8	1,172.57	3/8	1,249.69	3/8	1,326.68	3/8	1,403.67	3/8	1,478.59
1/2	788.26	1/2	865.44	1/2	942.63	1/2	1,019.81	1/2	1,097.00	1/2	1,174.18	1/2	1,251.29	1/2	1,328.29	1/2	1,405.28	1/2	1,479.81
5/8	789.87	5/8	867.05	5/8	944.24	5/8	1,021.42	5/8	1,098.61	5/8	1,175.79	5/8	1,252.90	5/8	1,329.89	5/8	1,406.88	5/8	1,481.04
3/4	791.47	3/4	868.66	3/4	945.84	3/4	1,023.02	3/4	1,100.22	3/4	1,177.39	3/4	1,254.50	3/4	1,331.49	3/4	1,408.48	3/4	1,482.26
7/8	793.08	7/8	870.27	7/8	947.45	7/8	1,024.63	7/8	1,101.82	7/8	1,179.00	7/8	1,256.11	7/8	1,333.10	7/8	1,410.09	7/8	1,483.48
2	794.69	8	871.88	2	949.06	8	1,026.24	2	1,103.43	8	1,180.61	2	1,257.71	8	1,334.70	2	1,411.69	8	1,484.70
1/8	796.30	1/8	873.49	1/8	950.67	1/8	1,027.85	1/8	1,105.04	1/8	1,182.22	1/8	1,259.31	1/8	1,336.30	1/8	1,413.29	1/8	1,485.61
1/4	797.91	1/4	875.09	1/4	952.27	1/4	1,029.46	1/4	1,106.64	1/4	1,183.83	1/4	1,260.92	1/4	1,337.91	1/4	1,414.90	1/4	1,486.53
3/8	799.52	3/8	876.70	3/8	953.88	3/8	1,031.07	3/8	1,108.25	3/8	1,185.44	3/8	1,262.52	3/8	1,339.51	3/8	1,416.50	3/8	1,487.44
1/2	801.12	1/2	878.31	1/2	955.49	1/2	1,032.67	1/2	1,109.86	1/2	1,187.04	1/2	1,264.13	1/2	1,341.12	1/2	1,418.11	1/2	1,488.36
5/8	802.73	5/8	879.92	5/8	957.10	5/8	1,034.28	5/8	1,111.47	5/8	1,188.65	5/8	1,265.73	5/8	1,342.72	5/8	1,419.71	5/8	1,489.27
3/4	804.34	3/4	881.52	3/4	958.70	3/4	1,035.89	3/4	1,113.07	3/4	1,190.26	3/4	1,267.33	3/4	1,344.32	3/4	1,421.31	3/4	1,490.19
7/8	805.95	7/8	883.13	7/8	960.31	7/8	1,037.50	7/8	1,114.68	7/8	1,191.87	7/8	1,268.94	7/8	1,345.93	7/8	1,422.92	7/8	1,491.10
3	807.56	9	884.74	3	961.92	9	1,039.11	3	1,116.29	9	1,193.48	3	1,270.54	9	1,347.53	3	1,424.52	9	1,492.02
1/8	809.17	1/8	886.35	1/8	963.53	1/8	1,040.72	1/8	1,117.90	1/8	1,195.09	1/8	1,272.14	1/8	1,349.13	1/8	1,426.13	1/8	1,492.63
1/4	810.77	1/4	887.95	1/4	965.14	1/4	1,042.32	1/4	1,119.51	1/4	1,196.69	1/4	1,273.75	1/4	1,350.74	1/4	1,427.73	1/4	1,493.24
3/8	812.38	3/8	889.56	3/8	966.75	3/8	1,043.93	3/8	1,121.12	3/8	1,198.30	3/8	1,275.35	3/8	1,352.34	3/8	1,429.34	3/8	1,493.85
1/2	813.99	1/2	891.17	1/2	968.35	1/2	1,045.54	1/2	1,122.72	1/2	1,199.91	1/2	1,276.96	1/2	1,353.95	1/2	1,430.94	1/2	1,494.45
5/8	815.60	5/8	892.78	5/8	969.96	5/8	1,047.15	5/8	1,124.33	5/8	1,201.52	5/8	1,278.56	5/8	1,355.55	5/8	1,432.55	5/8	1,495.06
3/4	817.20	3/4	894.38	3/4	971.57	3/4	1,048.75	3/4	1,125.94	3/4	1,203.12	3/4	1,280.16	3/4	1,357.15	3/4	1,434.15	3/4	1,495.67
7/8	818.81	7/8	895.99	7/8	973.18	7/8	1,050.36	7/8	1,127.55	7/8	1,204.73	7/8	1,281.77	7/8	1,358.76	7/8	1,435.75	7/8	1,496.28
4	820.42	10	897.60	4	974.79	10	1,051.97	4	1,129.16	10	1,206.34	4	1,283.37	10	1,360.36	4	1,437.36	10	1,496.89
1/8	822.03	1/8	899.21	1/8	976.40	1/8	1,053.58	1/8	1,130.77	1/8	1,207.95	1/8	1,284.97	1/8	1,361.97	1/8	1,438.96	1/8	1,497.19
1/4	823.63	1/4	900.82	1/4	978.00	1/4	1,055.19	1/4	1,132.37	1/4	1,209.55	1/4	1,286.58	1/4	1,363.57	1/4	1,440.57	1/4	1,497.50
3/8	825.24	3/8	902.43	3/8	979.61	3/8	1,056.80	3/8	1,133.98	3/8	1,211.16	3/8	1,288.18	3/8	1,365.18	3/8	1,442.17	3/8	1,497.80
1/2	826.85	1/2	904.03	1/2	981.22	1/2	1,058.40	1/2	1,135.59	1/2	1,212.77	1/2	1,289.79	1/2	1,366.78	1/2	1,443.77	1/2	1,498.10
5/8	828.46	5/8	905.64	5/8	982.83	5/8	1,060.01	5/8	1,137.20	5/8	1,214.38	5/8	1,291.39	5/8	1,368.39	5/8	1,445.38	5/8	1,498.40
3/4	830.06	3/4	907.25	3/4	984.43	3/4	1,061.62	3/4	1,138.80	3/4	1,215.98	3/4	1,292.99	3/4	1,369.99	3/4	1,446.98	3/4	1,498.71
7/8	831.67	7/8	908.86	7/8	986.04	7/8	1,063.23	7/8	1,140.41	7/8	1,217.59	7/8	1,294.60	7/8	1,371.59	7/8	1,448.59	7/8	1,499.01
5	833.28	11	910.47	5	987.65	11	1,064.84	5	1,142.02	11	1,219.20	5	1,296.20	11	1,373.20	5	1,450.19	11	1,499.31
1/8	834.89	1/8	912.08	1/8	989.26	1/8	1,066.45	1/8	1,143.63	1/8	1,220.80	1/8	1,297.81	1/8	1,374.80	1/8	1,451.79	1/8	1,499.44
1/4	836.50	1/4	913.68	1/4	990.87	1/4	1,068.05	1/4	1,145.23	1/4	1,222.41	1/4	1,299.41	1/4	1,376.41	1/4	1,453.40	1/4	1,499.57
3/8	838.11	3/8	915.29	3/8	992.48	3/8	1,069.66	3/8	1,146.84	3/8	1,224.01	3/8	1,301.02	3/8	1,378.01	3/8	1,455.00	3/8	1,499.70
1/2	839.71	1/2	916.90	1/2	994.08	1/2	1,071.27	1/2	1,148.45	1/2	1,225.62	1/2	1,302.62	1/2	1,379.61	1/2	1,456.61	1/2	1,499.83
5/8	841.32	5/8	918.51	5/8	995.69	5/8	1,072.88	5/8	1,150.06	5/8	1,227.22	5/8	1,304.23	5/8	1,381.22	5/8	1,458.21	5/8	
3/4	842.93	3/4	920.11	3/4	997.30	3/4	1,074.48	3/4	1,151.66	3/4	1,228.83	3/4	1,305.83	3/4	1,382.82	3/4	1,459.81	3/4	
7/8	844.54	7/8	921.72	7/8	998.91	7/8	1,076.09	7/8	1,153.27	7/8	1,230.43	7/8	1,307.43	7/8	1,384.43	7/8	1,461.42	7/8	

DECK MEASUREMENTS: 04/08/2020 JS
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "303"

4 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/2"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	5.57	6	74.31	0	151.49	6	228.68	0	305.86	6	383.04	0	460.23	6	537.41	0	614.60	6	691.78
1/8	6.47	1/8	75.92	1/8	153.10	1/8	230.29	1/8	307.47	1/8	384.65	1/8	461.84	1/8	539.02	1/8	616.21	1/8	693.39
1/4	7.38	1/4	77.53	1/4	154.71	1/4	231.89	1/4	309.07	1/4	386.26	1/4	463.45	1/4	540.63	1/4	617.81	1/4	694.99
3/8	8.28	3/8	79.13	3/8	156.32	3/8	233.50	3/8	310.68	3/8	387.87	3/8	465.05	3/8	542.24	3/8	619.42	3/8	696.60
1/2	9.18	1/2	80.74	1/2	157.92	1/2	235.11	1/2	312.29	1/2	389.48	1/2	466.66	1/2	543.84	1/2	621.03	1/2	698.21
5/8	10.09	5/8	82.35	5/8	159.53	5/8	236.72	5/8	313.90	5/8	391.08	5/8	468.27	5/8	545.45	5/8	622.64	5/8	699.82
3/4	10.99	3/4	83.96	3/4	161.14	3/4	238.32	3/4	315.50	3/4	392.69	3/4	469.88	3/4	547.06	3/4	624.24	3/4	701.42
7/8	11.90	7/8	85.56	7/8	162.75	7/8	239.93	7/8	317.11	7/8	394.30	7/8	471.48	7/8	548.67	7/8	625.85	7/8	703.03
1	12.80	7	87.17	1	164.36	7	241.54	1	318.72	7	395.91	1	473.09	7	550.28	1	627.46	7	704.64
1/8	14.11	1/8	88.78	1/8	165.97	1/8	243.15	1/8	320.33	1/8	397.52	1/8	474.70	1/8	551.89	1/8	629.07	1/8	706.25
1/4	15.41	1/4	90.39	1/4	167.57	1/4	244.75	1/4	321.93	1/4	399.13	1/4	476.31	1/4	553.49	1/4	630.67	1/4	707.86
3/8	16.72	3/8	92.00	3/8	169.18	3/8	246.36	3/8	323.54	3/8	400.73	3/8	477.92	3/8	555.10	3/8	632.28	3/8	709.47
1/2	18.02	1/2	93.60	1/2	170.79	1/2	247.97	1/2	325.15	1/2	402.34	1/2	479.52	1/2	556.71	1/2	633.89	1/2	711.07
5/8	19.33	5/8	95.21	5/8	172.40	5/8	249.58	5/8	326.76	5/8	403.95	5/8	481.13	5/8	558.32	5/8	635.50	5/8	712.68
3/4	20.64	3/4	96.82	3/4	174.00	3/4	251.18	3/4	328.36	3/4	405.56	3/4	482.74	3/4	559.92	3/4	637.10	3/4	714.29
7/8	21.94	7/8	98.43	7/8	175.61	7/8	252.79	7/8	329.97	7/8	407.16	7/8	484.35	7/8	561.53	7/8	638.71	7/8	715.90
2	23.25	8	100.04	2	177.22	8	254.40	2	331.58	8	408.77	2	485.96	8	563.14	2	640.32	8	717.51
1/8	24.81	1/8	101.65	1/8	178.83	1/8	256.01	1/8	333.19	1/8	410.38	1/8	487.57	1/8	564.75	1/8	641.93	1/8	719.12
1/4	26.37	1/4	103.25	1/4	180.43	1/4	257.62	1/4	334.80	1/4	411.99	1/4	489.17	1/4	566.35	1/4	643.54	1/4	720.72
3/8	27.93	3/8	104.86	3/8	182.04	3/8	259.23	3/8	336.41	3/8	413.60	3/8	490.78	3/8	567.96	3/8	645.15	3/8	722.33
1/2	29.48	1/2	106.47	1/2	183.65	1/2	260.83	1/2	338.01	1/2	415.20	1/2	492.39	1/2	569.57	1/2	646.75	1/2	723.94
5/8	31.04	5/8	108.08	5/8	185.26	5/8	262.44	5/8	339.62	5/8	416.81	5/8	494.00	5/8	571.18	5/8	648.36	5/8	725.55
3/4	32.60	3/4	109.68	3/4	186.86	3/4	264.05	3/4	341.23	3/4	418.42	3/4	495.60	3/4	572.78	3/4	649.97	3/4	727.15
7/8	34.16	7/8	111.29	7/8	188.47	7/8	265.66	7/8	342.84	7/8	420.03	7/8	497.21	7/8	574.39	7/8	651.58	7/8	728.76
3	35.72	9	112.90	3	190.08	9	267.27	3	344.45	9	421.64	3	498.82	9	576.00	3	653.19	9	730.37
1/8	37.33	1/8	114.51	1/8	191.69	1/8	268.88	1/8	346.06	1/8	423.25	1/8	500.43	1/8	577.61	1/8	654.80	1/8	731.98
1/4	38.93	1/4	116.11	1/4	193.30	1/4	270.48	1/4	347.67	1/4	424.85	1/4	502.03	1/4	579.22	1/4	656.40	1/4	733.59
3/8	40.54	3/8	117.72	3/8	194.91	3/8	272.09	3/8	349.28	3/8	426.46	3/8	503.64	3/8	580.83	3/8	658.01	3/8	735.20
1/2	42.15	1/2	119.33	1/2	196.51	1/2	273.70	1/2	350.89	1/2	428.07	1/2	505.25	1/2	582.43	1/2	659.62	1/2	736.80
5/8	43.76	5/8	120.94	5/8	198.12	5/8	275.31	5/8	352.49	5/8	429.68	5/8	506.86	5/8	584.04	5/8	661.23	5/8	738.41
3/4	45.36	3/4	122.54	3/4	199.73	3/4	276.91	3/4	354.10	3/4	431.28	3/4	508.46	3/4	585.65	3/4	662.83	3/4	740.02
7/8	46.97	7/8	124.15	7/8	201.34	7/8	278.52	7/8	355.71	7/8	432.89	7/8	510.07	7/8	587.26	7/8	664.44	7/8	741.63
4	48.58	10	125.76	4	202.95	10	280.13	4	357.32	10	434.50	4	511.68	10	588.87	4	666.05	10	743.24
1/8	50.19	1/8	127.37	1/8	204.56	1/8	281.74	1/8	358.93	1/8	436.11	1/8	513.29	1/8	590.48	1/8	667.66	1/8	744.85
1/4	51.79	1/4	128.98	1/4	206.17	1/4	283.35	1/4	360.54	1/4	437.71	1/4	514.90	1/4	592.08	1/4	669.27	1/4	746.45
3/8	53.40	3/8	130.59	3/8	207.77	3/8	284.96	3/8	362.14	3/8	439.32	3/8	516.51	3/8	593.69	3/8	670.88	3/8	748.06
1/2	55.01	1/2	132.19	1/2	209.38	1/2	286.56	1/2	363.75	1/2	440.93	1/2	518.11	1/2	595.30	1/2	672.48	1/2	749.67
5/8	56.62	5/8	133.80	5/8	210.99	5/8	288.17	5/8	365.36	5/8	442.54	5/8	519.72	5/8	596.91	5/8	674.09	5/8	751.28
3/4	58.22	3/4	135.41	3/4	212.60	3/4	289.78	3/4	366.97	3/4	444.14	3/4	521.33	3/4	598.51	3/4	675.70	3/4	752.88
7/8	59.83	7/8	137.02	7/8	214.20	7/8	291.39	7/8	368.57	7/8	445.75	7/8	522.94	7/8	600.12	7/8	677.31	7/8	754.49
5	61.44	11	138.63	5	215.81	11	293.00	5	370.18	11	447.36	5	524.55	11	601.73	5	678.92	11	756.10
1/8	63.05	1/8	140.24	1/8	217.42	1/8	294.61	1/8	371.79	1/8	448.97	1/8	526.16	1/8	603.34	1/8	680.53	1/8	757.71
1/4	64.66	1/4	141.85	1/4	219.03	1/4	296.21	1/4	373.40	1/4	450.58	1/4	527.77	1/4	604.95	1/4	682.13	1/4	759.31
3/8	66.27	3/8	143.45	3/8	220.64	3/8	297.82	3/8	375.00	3/8	452.19	3/8	529.37	3/8	606.56	3/8	683.74	3/8	760.92
1/2	67.87	1/2	145.06	1/2	222.24	1/2	299.43	1/2	376.61	1/2	453.79	1/2	530.98	1/2	608.16	1/2	685.35	1/2	762.53
5/8	69.48	5/8	146.67	5/8	223.85	5/8	301.04	5/8	378.22	5/8	455.40	5/8	532.59	5/8	609.77	5/8	686.96	5/8	764.14
3/4	71.09	3/4	148.28	3/4	225.46	3/4	302.64	3/4	379.83	3/4	457.01	3/4	534.20	3/4	611.38	3/4	688.56	3/4	765.74
7/8	72.70	7/8	149.88	7/8	227.07	7/8	304.25	7/8	381.43	7/8	458.62	7/8	535.80	7/8	612.99	7/8	690.17	7/8	767.35

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 20'-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 "303"

4 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02 1/2"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	768.96	6	848.15	0	923.33	6	1,002.52	0	1,077.70	6	1,154.88	0	1,232.04	6	1,309.04	0	1,386.03	6	1,463.02
1/8	770.57	1/8	849.51	1/8	924.94	1/8	1,003.88	1/8	1,079.31	1/8	1,156.49	1/8	1,233.64	1/8	1,310.64	1/8	1,387.63	1/8	1,464.51
1/4	772.18	1/4	850.86	1/4	926.55	1/4	1,005.23	1/4	1,080.91	1/4	1,158.10	1/4	1,235.25	1/4	1,312.25	1/4	1,389.24	1/4	1,466.00
3/8	773.79	3/8	852.22	3/8	928.16	3/8	1,006.59	3/8	1,082.52	3/8	1,159.71	3/8	1,236.85	3/8	1,313.85	3/8	1,390.84	3/8	1,467.49
1/2	775.39	1/2	853.58	1/2	929.76	1/2	1,007.95	1/2	1,084.13	1/2	1,161.31	1/2	1,238.46	1/2	1,315.45	1/2	1,392.45	1/2	1,468.98
5/8	777.00	5/8	854.94	5/8	931.37	5/8	1,009.31	5/8	1,085.74	5/8	1,162.92	5/8	1,240.06	5/8	1,317.06	5/8	1,394.05	5/8	1,470.46
3/4	778.61	3/4	856.29	3/4	932.98	3/4	1,010.66	3/4	1,087.34	3/4	1,164.53	3/4	1,241.67	3/4	1,318.66	3/4	1,395.65	3/4	1,471.95
7/8	780.22	7/8	857.65	7/8	934.59	7/8	1,012.02	7/8	1,088.95	7/8	1,166.14	7/8	1,243.27	7/8	1,320.27	7/8	1,397.26	7/8	1,473.44
1	781.83	7	859.01	1	936.20	7	1,013.38	1	1,090.56	7	1,167.75	1	1,244.88	7	1,321.87	1	1,398.86	7	1,474.93
1/8	783.44	1/8	860.62	1/8	937.81	1/8	1,014.99	1/8	1,092.17	1/8	1,169.36	1/8	1,246.48	1/8	1,323.47	1/8	1,400.46	1/8	1,476.15
1/4	785.04	1/4	862.23	1/4	939.41	1/4	1,016.59	1/4	1,093.78	1/4	1,170.96	1/4	1,248.09	1/4	1,325.08	1/4	1,402.07	1/4	1,477.37
3/8	786.65	3/8	863.84	3/8	941.02	3/8	1,018.20	3/8	1,095.39	3/8	1,172.57	3/8	1,249.69	3/8	1,326.68	3/8	1,403.67	3/8	1,478.59
1/2	788.26	1/2	865.44	1/2	942.63	1/2	1,019.81	1/2	1,096.99	1/2	1,174.18	1/2	1,251.29	1/2	1,328.29	1/2	1,405.28	1/2	1,479.81
5/8	789.87	5/8	867.05	5/8	944.24	5/8	1,021.42	5/8	1,098.60	5/8	1,175.79	5/8	1,252.90	5/8	1,329.89	5/8	1,406.88	5/8	1,481.04
3/4	791.47	3/4	868.66	3/4	945.84	3/4	1,023.02	3/4	1,100.21	3/4	1,177.39	3/4	1,254.50	3/4	1,331.49	3/4	1,408.48	3/4	1,482.26
7/8	793.08	7/8	870.27	7/8	947.45	7/8	1,024.63	7/8	1,101.82	7/8	1,179.00	7/8	1,256.11	7/8	1,333.10	7/8	1,410.09	7/8	1,483.48
2	794.69	8	871.88	2	949.06	8	1,026.24	2	1,103.43	8	1,180.61	2	1,257.71	8	1,334.70	2	1,411.69	8	1,484.70
1/8	796.30	1/8	873.49	1/8	950.67	1/8	1,027.85	1/8	1,105.04	1/8	1,182.22	1/8	1,259.31	1/8	1,336.30	1/8	1,413.29	1/8	1,485.61
1/4	797.91	1/4	875.09	1/4	952.27	1/4	1,029.46	1/4	1,106.64	1/4	1,183.83	1/4	1,260.92	1/4	1,337.91	1/4	1,414.90	1/4	1,486.53
3/8	799.52	3/8	876.70	3/8	953.88	3/8	1,031.07	3/8	1,108.25	3/8	1,185.44	3/8	1,262.52	3/8	1,339.51	3/8	1,416.50	3/8	1,487.44
1/2	801.12	1/2	878.31	1/2	955.49	1/2	1,032.67	1/2	1,109.86	1/2	1,187.04	1/2	1,264.13	1/2	1,341.12	1/2	1,418.11	1/2	1,488.36
5/8	802.73	5/8	879.92	5/8	957.10	5/8	1,034.28	5/8	1,111.47	5/8	1,188.65	5/8	1,265.73	5/8	1,342.72	5/8	1,419.71	5/8	1,489.27
3/4	804.34	3/4	881.52	3/4	958.70	3/4	1,035.89	3/4	1,113.07	3/4	1,190.26	3/4	1,267.33	3/4	1,344.32	3/4	1,421.31	3/4	1,490.19
7/8	805.95	7/8	883.13	7/8	960.31	7/8	1,037.50	7/8	1,114.68	7/8	1,191.87	7/8	1,268.94	7/8	1,345.93	7/8	1,422.92	7/8	1,491.10
3	807.56	9	884.74	3	961.92	9	1,039.11	3	1,116.29	9	1,193.48	3	1,270.54	9	1,347.53	3	1,424.52	9	1,492.02
1/8	809.17	1/8	886.35	1/8	963.53	1/8	1,040.72	1/8	1,117.90	1/8	1,195.09	1/8	1,272.14	1/8	1,349.13	1/8	1,426.13	1/8	1,492.63
1/4	810.77	1/4	887.95	1/4	965.14	1/4	1,042.32	1/4	1,119.51	1/4	1,196.69	1/4	1,273.75	1/4	1,350.74	1/4	1,427.73	1/4	1,493.24
3/8	812.38	3/8	889.56	3/8	966.75	3/8	1,043.93	3/8	1,121.12	3/8	1,198.30	3/8	1,275.35	3/8	1,352.34	3/8	1,429.34	3/8	1,493.85
1/2	813.99	1/2	891.17	1/2	968.35	1/2	1,045.54	1/2	1,122.72	1/2	1,199.91	1/2	1,276.96	1/2	1,353.95	1/2	1,430.94	1/2	1,494.45
5/8	815.60	5/8	892.78	5/8	969.96	5/8	1,047.15	5/8	1,124.33	5/8	1,201.52	5/8	1,278.56	5/8	1,355.55	5/8	1,432.55	5/8	1,495.06
3/4	817.20	3/4	894.38	3/4	971.57	3/4	1,048.75	3/4	1,125.94	3/4	1,203.12	3/4	1,280.16	3/4	1,357.15	3/4	1,434.15	3/4	1,495.67
7/8	818.81	7/8	895.99	7/8	973.18	7/8	1,050.36	7/8	1,127.55	7/8	1,204.73	7/8	1,281.77	7/8	1,358.76	7/8	1,435.75	7/8	1,496.28
4	820.42	10	897.60	4	974.79	10	1,051.97	4	1,129.16	10	1,206.34	4	1,283.37	10	1,360.36	4	1,437.36	10	1,496.89
1/8	822.03	1/8	899.21	1/8	976.40	1/8	1,053.58	1/8	1,130.77	1/8	1,207.95	1/8	1,284.97	1/8	1,361.97	1/8	1,438.96	1/8	1,497.19
1/4	823.63	1/4	900.82	1/4	978.00	1/4	1,055.19	1/4	1,132.37	1/4	1,209.55	1/4	1,286.58	1/4	1,363.57	1/4	1,440.57	1/4	1,497.50
3/8	825.24	3/8	902.43	3/8	979.61	3/8	1,056.80	3/8	1,133.98	3/8	1,211.16	3/8	1,288.18	3/8	1,365.18	3/8	1,442.17	3/8	1,497.80
1/2	826.85	1/2	904.03	1/2	981.22	1/2	1,058.40	1/2	1,135.59	1/2	1,212.77	1/2	1,289.79	1/2	1,366.78	1/2	1,443.77	1/2	1,498.10
5/8	828.46	5/8	905.64	5/8	982.83	5/8	1,060.01	5/8	1,137.20	5/8	1,214.38	5/8	1,291.39	5/8	1,368.39	5/8	1,445.38	5/8	1,498.40
3/4	830.06	3/4	907.25	3/4	984.43	3/4	1,061.62	3/4	1,138.80	3/4	1,215.98	3/4	1,292.99	3/4	1,369.99	3/4	1,446.98	3/4	1,498.71
7/8	831.67	7/8	908.86	7/8	986.04	7/8	1,063.23	7/8	1,140.41	7/8	1,217.59	7/8	1,294.60	7/8	1,371.59	7/8	1,448.59	7/8	1,499.01
5	833.28	11	910.47	5	987.65	11	1,064.84	5	1,142.02	11	1,219.20	5	1,296.20	11	1,373.20	5	1,450.19	11	1,499.31
1/8	835.14	1/8	912.08	1/8	989.51	1/8	1,066.45	1/8	1,143.63	1/8	1,220.80	1/8	1,297.81	1/8	1,374.80	1/8	1,451.79	1/8	1,499.44
1/4	837.00	1/4	913.68	1/4	991.37	1/4	1,068.05	1/4	1,145.23	1/4	1,222.41	1/4	1,299.41	1/4	1,376.41	1/4	1,453.40	1/4	1,499.57
3/8	838.86	3/8	915.29	3/8	993.23	3/8	1,069.66	3/8	1,146.84	3/8	1,224.01	3/8	1,301.02	3/8	1,378.01	3/8	1,455.00	3/8	1,499.70
1/2	840.71	1/2	916.90	1/2	995.08	1/2	1,071.27	1/2	1,148.45	1/2	1,225.62	1/2	1,302.62	1/2	1,379.61	1/2	1,456.61	1/2	1,499.83
5/8	842.57	5/8	918.51	5/8	996.94	5/8	1,072.88	5/8	1,150.06	5/8	1,227.22	5/8	1,304.23	5/8	1,381.22	5/8	1,458.21	5/8	
3/4	844.43	3/4	920.11	3/4	998.80	3/4	1,074.48	3/4	1,151.66	3/4	1,228.83	3/4	1,305.83	3/4	1,382.82	3/4	1,459.81	3/4	
7/8	846.29	7/8	921.72	7/8	1,000.66	7/8	1,076.09	7/8	1,153.27	7/8	1,230.43	7/8	1,307.43	7/8	1,384.43	7/8	1,461.42	7/8	

DECK MEASURMENTS: 04/08/2020 JS
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "303"

5 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	6.40	6	86.13	0	175.39	6	264.92	0	354.25	6	443.58	0	532.91	6	622.23	0	711.56	6	800.59
1/8	7.45	1/8	87.99	1/8	177.28	1/8	266.78	1/8	356.11	1/8	445.44	1/8	534.77	1/8	624.09	1/8	713.42	1/8	802.49
1/4	8.50	1/4	89.86	1/4	179.16	1/4	268.64	1/4	357.97	1/4	447.30	1/4	536.63	1/4	625.95	1/4	715.28	1/4	804.39
3/8	9.55	3/8	91.72	3/8	181.05	3/8	270.50	3/8	359.83	3/8	449.16	3/8	538.49	3/8	627.81	3/8	717.14	3/8	806.29
1/2	10.59	1/2	93.59	1/2	182.93	1/2	272.37	1/2	361.70	1/2	451.03	1/2	540.35	1/2	629.67	1/2	719.01	1/2	808.18
5/8	11.64	5/8	95.45	5/8	184.82	5/8	274.23	5/8	363.56	5/8	452.89	5/8	542.21	5/8	631.54	5/8	720.87	5/8	810.08
3/4	12.69	3/4	97.32	3/4	186.71	3/4	276.09	3/4	365.42	3/4	454.75	3/4	544.07	3/4	633.40	3/4	722.73	3/4	811.98
7/8	13.74	7/8	99.18	7/8	188.59	7/8	277.95	7/8	367.28	7/8	456.61	7/8	545.93	7/8	635.26	7/8	724.59	7/8	813.88
1	14.79	7	101.05	1	190.48	7	279.81	1	369.14	7	458.47	1	547.79	7	637.12	1	726.45	7	815.78
1/8	16.56	1/8	102.91	1/8	192.34	1/8	281.67	1/8	371.00	1/8	460.33	1/8	549.65	1/8	638.98	1/8	728.31	1/8	817.64
1/4	18.32	1/4	104.78	1/4	194.20	1/4	283.53	1/4	372.86	1/4	462.19	1/4	551.51	1/4	640.84	1/4	730.17	1/4	819.50
3/8	20.09	3/8	106.64	3/8	196.06	3/8	285.39	3/8	374.72	3/8	464.05	3/8	553.37	3/8	642.70	3/8	732.03	3/8	821.36
1/2	21.85	1/2	108.51	1/2	197.92	1/2	287.26	1/2	376.59	1/2	465.91	1/2	555.23	1/2	644.57	1/2	733.90	1/2	823.22
5/8	23.62	5/8	110.37	5/8	199.79	5/8	289.12	5/8	378.45	5/8	467.77	5/8	557.10	5/8	646.43	5/8	735.76	5/8	825.09
3/4	25.39	3/4	112.24	3/4	201.65	3/4	290.98	3/4	380.31	3/4	469.63	3/4	558.96	3/4	648.29	3/4	737.62	3/4	826.95
7/8	27.15	7/8	114.10	7/8	203.51	7/8	292.84	7/8	382.17	7/8	471.49	7/8	560.82	7/8	650.15	7/8	739.48	7/8	828.81
2	28.92	8	115.97	2	205.37	8	294.70	2	384.03	8	473.35	2	562.68	8	652.01	2	741.34	8	830.67
1/8	30.48	1/8	117.83	1/8	207.23	1/8	296.56	1/8	385.89	1/8	475.21	1/8	564.54	1/8	653.87	1/8	743.20	1/8	832.53
1/4	32.03	1/4	119.70	1/4	209.09	1/4	298.42	1/4	387.75	1/4	477.07	1/4	566.40	1/4	655.73	1/4	745.06	1/4	834.39
3/8	33.59	3/8	121.56	3/8	210.95	3/8	300.28	3/8	389.61	3/8	478.93	3/8	568.26	3/8	657.59	3/8	746.92	3/8	836.25
1/2	35.14	1/2	123.43	1/2	212.81	1/2	302.15	1/2	391.47	1/2	480.79	1/2	570.13	1/2	659.46	1/2	748.79	1/2	838.11
5/8	36.70	5/8	125.29	5/8	214.68	5/8	304.01	5/8	393.33	5/8	482.66	5/8	571.99	5/8	661.32	5/8	750.65	5/8	839.97
3/4	38.26	3/4	127.16	3/4	216.54	3/4	305.87	3/4	395.19	3/4	484.52	3/4	573.85	3/4	663.18	3/4	752.51	3/4	841.83
7/8	39.81	7/8	129.02	7/8	218.40	7/8	307.73	7/8	397.05	7/8	486.38	7/8	575.71	7/8	665.04	7/8	754.37	7/8	843.69
3	41.37	9	130.89	3	220.26	9	309.59	3	398.91	9	488.24	3	577.57	9	666.90	3	756.23	9	845.55
1/8	43.23	1/8	132.75	1/8	222.12	1/8	311.45	1/8	400.77	1/8	490.10	1/8	579.43	1/8	668.76	1/8	758.09	1/8	847.41
1/4	45.10	1/4	134.62	1/4	223.98	1/4	313.31	1/4	402.63	1/4	491.96	1/4	581.29	1/4	670.62	1/4	759.95	1/4	849.27
3/8	46.96	3/8	136.48	3/8	225.84	3/8	315.17	3/8	404.49	3/8	493.82	3/8	583.15	3/8	672.48	3/8	761.81	3/8	851.13
1/2	48.83	1/2	138.35	1/2	227.70	1/2	317.03	1/2	406.35	1/2	495.69	1/2	585.02	1/2	674.35	1/2	763.67	1/2	852.99
5/8	50.69	5/8	140.21	5/8	229.57	5/8	318.89	5/8	408.22	5/8	497.55	5/8	586.88	5/8	676.21	5/8	765.53	5/8	854.86
3/4	52.56	3/4	142.08	3/4	231.43	3/4	320.75	3/4	410.08	3/4	499.41	3/4	588.74	3/4	678.07	3/4	767.39	3/4	856.72
7/8	54.42	7/8	143.94	7/8	233.29	7/8	322.61	7/8	411.94	7/8	501.27	7/8	590.60	7/8	679.93	7/8	769.25	7/8	858.58
4	56.29	10	145.81	4	235.15	10	324.47	4	413.80	10	503.13	4	592.46	10	681.79	4	771.11	10	860.44
1/8	58.15	1/8	147.67	1/8	237.01	1/8	326.33	1/8	415.66	1/8	504.99	1/8	594.32	1/8	683.65	1/8	772.97	1/8	862.30
1/4	60.02	1/4	149.53	1/4	238.87	1/4	328.19	1/4	417.52	1/4	506.85	1/4	596.18	1/4	685.51	1/4	774.83	1/4	864.16
3/8	61.88	3/8	151.40	3/8	240.73	3/8	330.05	3/8	419.38	3/8	508.71	3/8	598.04	3/8	687.37	3/8	776.69	3/8	866.02
1/2	63.75	1/2	153.26	1/2	242.59	1/2	331.91	1/2	421.25	1/2	510.58	1/2	599.91	1/2	689.23	1/2	778.55	1/2	867.89
5/8	65.61	5/8	155.12	5/8	244.45	5/8	333.78	5/8	423.11	5/8	512.44	5/8	601.77	5/8	691.09	5/8	780.42	5/8	869.75
3/4	67.48	3/4	156.98	3/4	246.31	3/4	335.64	3/4	424.97	3/4	514.30	3/4	603.63	3/4	692.95	3/4	782.28	3/4	871.61
7/8	69.34	7/8	158.85	7/8	248.17	7/8	337.50	7/8	426.83	7/8	516.16	7/8	605.49	7/8	694.81	7/8	784.14	7/8	873.47
5	71.21	11	160.71	5	250.03	11	339.36	5	428.69	11	518.02	5	607.35	11	696.67	5	786.00	11	875.33
1/8	73.07	1/8	162.54	1/8	251.89	1/8	341.22	1/8	430.55	1/8	519.88	1/8	609.21	1/8	698.53	1/8	787.82	1/8	877.19
1/4	74.94	1/4	164.38	1/4	253.75	1/4	343.08	1/4	432.41	1/4	521.74	1/4	611.07	1/4	700.39	1/4	789.65	1/4	879.05
3/8	76.80	3/8	166.21	3/8	255.61	3/8	344.94	3/8	434.27	3/8	523.60	3/8	612.93	3/8	702.25	3/8	791.47	3/8	880.91
1/2	78.67	1/2	168.05	1/2	257.47	1/2	346.81	1/2	436.14	1/2	525.47	1/2	614.79	1/2	704.11	1/2	793.29	1/2	882.78
5/8	80.53	5/8	169.88	5/8	259.34	5/8	348.67	5/8	438.00	5/8	527.33	5/8	616.65	5/8	705.98	5/8	795.12	5/8	884.64
3/4	82.40	3/4	171.72	3/4	261.20	3/4	350.53	3/4	439.86	3/4	529.19	3/4	618.51	3/4	707.84	3/4	796.94	3/4	886.50
7/8	84.26	7/8	173.55	7/8	263.06	7/8	352.39	7/8	441.72	7/8	531.05	7/8	620.37	7/8	709.70	7/8	798.77	7/8	888.36

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 THREADS ON "MMC" VALVE

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 23'-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 "303"

5 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	890.22	6	979.55	0	1,068.87	6	1,158.20	0	1,247.53	6	1,336.86	0	1,426.19	6	1,515.51	0	1,604.84	6	1,694.17
1/8	892.08	1/8	981.41	1/8	1,070.74	1/8	1,160.06	1/8	1,249.39	1/8	1,338.72	1/8	1,428.05	1/8	1,517.37	1/8	1,606.70	1/8	1,695.90
1/4	893.94	1/4	983.27	1/4	1,072.62	1/4	1,161.92	1/4	1,251.25	1/4	1,340.58	1/4	1,429.91	1/4	1,519.23	1/4	1,608.56	1/4	1,697.63
3/8	895.80	3/8	985.13	3/8	1,074.49	3/8	1,163.78	3/8	1,253.11	3/8	1,342.44	3/8	1,431.77	3/8	1,521.09	3/8	1,610.42	3/8	1,699.36
1/2	897.67	1/2	986.99	1/2	1,076.36	1/2	1,165.65	1/2	1,254.98	1/2	1,344.31	1/2	1,433.63	1/2	1,522.95	1/2	1,612.29	1/2	1,701.09
5/8	899.53	5/8	988.85	5/8	1,078.24	5/8	1,167.51	5/8	1,256.84	5/8	1,346.17	5/8	1,435.49	5/8	1,524.82	5/8	1,614.15	5/8	1,702.81
3/4	901.39	3/4	990.71	3/4	1,080.11	3/4	1,169.37	3/4	1,258.70	3/4	1,348.03	3/4	1,437.35	3/4	1,526.68	3/4	1,616.01	3/4	1,704.54
7/8	903.25	7/8	992.57	7/8	1,081.99	7/8	1,171.23	7/8	1,260.56	7/8	1,349.89	7/8	1,439.21	7/8	1,528.54	7/8	1,617.87	7/8	1,706.27
1	905.11	7	994.43	1	1,083.86	7	1,173.09	1	1,262.42	7	1,351.75	1	1,441.07	7	1,530.40	1	1,619.73	7	1,708.00
1/8	906.97	1/8	996.29	1/8	1,085.71	1/8	1,174.95	1/8	1,264.28	1/8	1,353.61	1/8	1,442.93	1/8	1,532.26	1/8	1,621.59	1/8	1,709.42
1/4	908.83	1/4	998.15	1/4	1,087.56	1/4	1,176.81	1/4	1,266.14	1/4	1,355.47	1/4	1,444.79	1/4	1,534.12	1/4	1,623.45	1/4	1,710.83
3/8	910.69	3/8	1,000.01	3/8	1,089.41	3/8	1,178.67	3/8	1,268.00	3/8	1,357.33	3/8	1,446.65	3/8	1,535.98	3/8	1,625.31	3/8	1,712.25
1/2	912.55	1/2	1,001.87	1/2	1,091.25	1/2	1,180.54	1/2	1,269.87	1/2	1,359.19	1/2	1,448.51	1/2	1,537.85	1/2	1,627.18	1/2	1,713.66
5/8	914.41	5/8	1,003.74	5/8	1,093.10	5/8	1,182.40	5/8	1,271.73	5/8	1,361.05	5/8	1,450.38	5/8	1,539.71	5/8	1,629.04	5/8	1,715.08
3/4	916.27	3/4	1,005.60	3/4	1,094.95	3/4	1,184.26	3/4	1,273.59	3/4	1,362.91	3/4	1,452.24	3/4	1,541.57	3/4	1,630.90	3/4	1,716.50
7/8	918.13	7/8	1,007.46	7/8	1,096.80	7/8	1,186.12	7/8	1,275.45	7/8	1,364.77	7/8	1,454.10	7/8	1,543.43	7/8	1,632.76	7/8	1,717.91
2	919.99	8	1,009.32	2	1,098.65	8	1,187.98	2	1,277.31	8	1,366.63	2	1,455.96	8	1,545.29	2	1,634.62	8	1,719.33
1/8	921.85	1/8	1,011.18	1/8	1,100.51	1/8	1,189.84	1/8	1,279.17	1/8	1,368.49	1/8	1,457.82	1/8	1,547.15	1/8	1,636.48	1/8	1,720.39
1/4	923.71	1/4	1,013.04	1/4	1,102.37	1/4	1,191.70	1/4	1,281.03	1/4	1,370.35	1/4	1,459.68	1/4	1,549.01	1/4	1,638.34	1/4	1,721.45
3/8	925.57	3/8	1,014.90	3/8	1,104.23	3/8	1,193.56	3/8	1,282.89	3/8	1,372.21	3/8	1,461.54	3/8	1,550.87	3/8	1,640.20	3/8	1,722.52
1/2	927.43	1/2	1,016.77	1/2	1,106.09	1/2	1,195.43	1/2	1,284.75	1/2	1,374.07	1/2	1,463.41	1/2	1,552.74	1/2	1,642.07	1/2	1,723.58
5/8	929.30	5/8	1,018.63	5/8	1,107.96	5/8	1,197.29	5/8	1,286.61	5/8	1,375.94	5/8	1,465.27	5/8	1,554.60	5/8	1,643.93	5/8	1,724.64
3/4	931.16	3/4	1,020.49	3/4	1,109.82	3/4	1,199.15	3/4	1,288.47	3/4	1,377.80	3/4	1,467.13	3/4	1,556.46	3/4	1,645.79	3/4	1,725.70
7/8	933.02	7/8	1,022.35	7/8	1,111.68	7/8	1,201.01	7/8	1,290.33	7/8	1,379.66	7/8	1,468.99	7/8	1,558.32	7/8	1,647.65	7/8	1,726.77
3	934.88	9	1,024.21	3	1,113.54	9	1,202.87	3	1,292.19	9	1,381.52	3	1,470.85	9	1,560.18	3	1,649.51	9	1,727.83
1/8	936.74	1/8	1,026.07	1/8	1,115.40	1/8	1,204.73	1/8	1,294.05	1/8	1,383.38	1/8	1,472.71	1/8	1,562.04	1/8	1,651.37	1/8	1,728.54
1/4	938.60	1/4	1,027.93	1/4	1,117.26	1/4	1,206.59	1/4	1,295.91	1/4	1,385.24	1/4	1,474.57	1/4	1,563.90	1/4	1,653.23	1/4	1,729.24
3/8	940.46	3/8	1,029.79	3/8	1,119.12	3/8	1,208.45	3/8	1,297.77	3/8	1,387.10	3/8	1,476.43	3/8	1,565.76	3/8	1,655.09	3/8	1,729.95
1/2	942.33	1/2	1,031.66	1/2	1,120.99	1/2	1,210.31	1/2	1,299.63	1/2	1,388.97	1/2	1,478.30	1/2	1,567.63	1/2	1,656.95	1/2	1,730.65
5/8	944.19	5/8	1,033.52	5/8	1,122.85	5/8	1,212.17	5/8	1,301.50	5/8	1,390.83	5/8	1,480.16	5/8	1,569.49	5/8	1,658.81	5/8	1,731.36
3/4	946.05	3/4	1,035.38	3/4	1,124.71	3/4	1,214.03	3/4	1,303.36	3/4	1,392.69	3/4	1,482.02	3/4	1,571.35	3/4	1,660.67	3/4	1,732.07
7/8	947.91	7/8	1,037.24	7/8	1,126.57	7/8	1,215.89	7/8	1,305.22	7/8	1,394.55	7/8	1,483.88	7/8	1,573.21	7/8	1,662.53	7/8	1,732.77
4	949.77	10	1,039.10	4	1,128.43	10	1,217.75	4	1,307.08	10	1,396.41	4	1,485.74	10	1,575.07	4	1,664.39	10	1,733.48
1/8	951.63	1/8	1,040.96	1/8	1,130.29	1/8	1,219.61	1/8	1,308.94	1/8	1,398.27	1/8	1,487.60	1/8	1,576.93	1/8	1,666.25	1/8	1,733.83
1/4	953.49	1/4	1,042.82	1/4	1,132.15	1/4	1,221.47	1/4	1,310.80	1/4	1,400.13	1/4	1,489.46	1/4	1,578.79	1/4	1,668.11	1/4	1,734.18
3/8	955.35	3/8	1,044.68	3/8	1,134.01	3/8	1,223.33	3/8	1,312.66	3/8	1,401.99	3/8	1,491.32	3/8	1,580.65	3/8	1,669.97	3/8	1,734.53
1/2	957.22	1/2	1,046.55	1/2	1,135.87	1/2	1,225.19	1/2	1,314.53	1/2	1,403.86	1/2	1,493.19	1/2	1,582.51	1/2	1,671.83	1/2	1,734.88
5/8	959.08	5/8	1,048.41	5/8	1,137.73	5/8	1,227.06	5/8	1,316.39	5/8	1,405.72	5/8	1,495.05	5/8	1,584.37	5/8	1,673.70	5/8	1,735.24
3/4	960.94	3/4	1,050.27	3/4	1,139.59	3/4	1,228.92	3/4	1,318.25	3/4	1,407.58	3/4	1,496.91	3/4	1,586.23	3/4	1,675.56	3/4	1,735.59
7/8	962.80	7/8	1,052.13	7/8	1,141.45	7/8	1,230.78	7/8	1,320.11	7/8	1,409.44	7/8	1,498.77	7/8	1,588.09	7/8	1,677.42	7/8	1,735.94
5	964.66	11	1,053.99	5	1,143.31	11	1,232.64	5	1,321.97	11	1,411.30	5	1,500.63	11	1,589.95	5	1,679.28	11	1,736.29
1/8	966.52	1/8	1,055.85	1/8	1,145.17	1/8	1,234.50	1/8	1,323.83	1/8	1,413.16	1/8	1,502.49	1/8	1,591.81	1/8	1,681.14	1/8	1,736.44
1/4	968.38	1/4	1,057.71	1/4	1,147.03	1/4	1,236.36	1/4	1,325.69	1/4	1,415.02	1/4	1,504.35	1/4	1,593.67	1/4	1,683.00	1/4	1,736.59
3/8	970.24	3/8	1,059.57	3/8	1,148.89	3/8	1,238.22	3/8	1,327.55	3/8	1,416.88	3/8	1,506.21	3/8	1,595.53	3/8	1,684.86	3/8	1,736.74
1/2	972.11	1/2	1,061.43	1/2	1,150.75	1/2	1,240.09	1/2	1,329.42	1/2	1,418.75	1/2	1,508.07	1/2	1,597.39	1/2	1,686.73	1/2	1,736.89
5/8	973.97	5/8	1,063.29	5/8	1,152.62	5/8	1,241.95	5/8	1,331.28	5/8	1,420.61	5/8	1,509.93	5/8	1,599.26	5/8	1,688.59	5/8	
3/4	975.83	3/4	1,065.15	3/4	1,154.48	3/4	1,243.81	3/4	1,333.14	3/4	1,422.47	3/4	1,511.79	3/4	1,601.12	3/4	1,690.45	3/4	
7/8	977.69	7/8	1,067.01	7/8	1,156.34	7/8	1,245.67	7/8	1,335.00	7/8	1,424.33	7/8	1,513.65	7/8	1,602.98	7/8	1,692.31	7/8	

DECK MEASUREMENTS: 04/08/2020 JS
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

BARGE "303"

5 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	6.40	6	86.13	0	175.59	6	264.92	0	354.25	6	443.58	0	532.91	6	622.23	0	711.56	6	800.89
1/8	7.45	1/8	87.99	1/8	177.45	1/8	266.78	1/8	356.11	1/8	445.44	1/8	534.77	1/8	624.09	1/8	713.42	1/8	802.75
1/4	8.50	1/4	89.86	1/4	179.31	1/4	268.64	1/4	357.97	1/4	447.30	1/4	536.63	1/4	625.95	1/4	715.28	1/4	804.61
3/8	9.55	3/8	91.72	3/8	181.17	3/8	270.50	3/8	359.83	3/8	449.16	3/8	538.49	3/8	627.81	3/8	717.14	3/8	806.47
1/2	10.59	1/2	93.59	1/2	183.03	1/2	272.37	1/2	361.70	1/2	451.02	1/2	540.35	1/2	629.67	1/2	719.01	1/2	808.34
5/8	11.64	5/8	95.45	5/8	184.90	5/8	274.23	5/8	363.56	5/8	452.89	5/8	542.21	5/8	631.54	5/8	720.87	5/8	810.20
3/4	12.69	3/4	97.32	3/4	186.76	3/4	276.09	3/4	365.42	3/4	454.75	3/4	544.07	3/4	633.40	3/4	722.73	3/4	812.06
7/8	13.74	7/8	99.18	7/8	188.62	7/8	277.95	7/8	367.28	7/8	456.61	7/8	545.93	7/8	635.26	7/8	724.59	7/8	813.92
1	14.79	7	101.05	1	190.48	7	279.81	1	369.14	7	458.47	1	547.79	7	637.12	1	726.45	7	815.78
1/8	16.18	1/8	102.91	1/8	192.34	1/8	281.67	1/8	371.00	1/8	460.33	1/8	549.65	1/8	638.98	1/8	728.31	1/8	817.64
1/4	17.57	1/4	104.78	1/4	194.20	1/4	283.53	1/4	372.86	1/4	462.19	1/4	551.51	1/4	640.84	1/4	730.17	1/4	819.50
3/8	18.96	3/8	106.64	3/8	196.06	3/8	285.39	3/8	374.72	3/8	464.05	3/8	553.37	3/8	642.70	3/8	732.03	3/8	821.36
1/2	20.35	1/2	108.51	1/2	197.93	1/2	287.26	1/2	376.59	1/2	465.91	1/2	555.23	1/2	644.57	1/2	733.90	1/2	823.23
5/8	21.75	5/8	110.37	5/8	199.79	5/8	289.12	5/8	378.45	5/8	467.77	5/8	557.10	5/8	646.43	5/8	735.76	5/8	825.09
3/4	23.14	3/4	112.24	3/4	201.65	3/4	290.98	3/4	380.31	3/4	469.63	3/4	558.96	3/4	648.29	3/4	737.62	3/4	826.95
7/8	24.53	7/8	114.10	7/8	203.51	7/8	292.84	7/8	382.17	7/8	471.49	7/8	560.82	7/8	650.15	7/8	739.48	7/8	828.81
2	25.92	8	115.97	2	205.37	8	294.70	2	384.03	8	473.35	2	562.68	8	652.01	2	741.34	8	830.67
1/8	27.85	1/8	117.83	1/8	207.23	1/8	296.56	1/8	385.89	1/8	475.21	1/8	564.54	1/8	653.75	1/8	743.20	1/8	832.53
1/4	29.78	1/4	119.70	1/4	209.09	1/4	298.42	1/4	387.75	1/4	477.07	1/4	566.40	1/4	655.48	1/4	745.06	1/4	834.39
3/8	31.71	3/8	121.56	3/8	210.95	3/8	300.28	3/8	389.61	3/8	478.93	3/8	568.26	3/8	657.22	3/8	746.92	3/8	836.25
1/2	33.64	1/2	123.43	1/2	212.82	1/2	302.15	1/2	391.47	1/2	480.79	1/2	570.13	1/2	658.96	1/2	748.79	1/2	838.11
5/8	35.58	5/8	125.29	5/8	214.68	5/8	304.01	5/8	393.33	5/8	482.66	5/8	571.99	5/8	660.69	5/8	750.65	5/8	839.97
3/4	37.51	3/4	127.16	3/4	216.54	3/4	305.87	3/4	395.19	3/4	484.52	3/4	573.85	3/4	662.43	3/4	752.51	3/4	841.83
7/8	39.44	7/8	129.02	7/8	218.40	7/8	307.73	7/8	397.05	7/8	486.38	7/8	575.71	7/8	664.16	7/8	754.37	7/8	843.69
3	41.37	9	130.89	3	220.26	9	309.59	3	398.91	9	488.24	3	577.57	9	665.90	3	756.23	9	845.55
1/8	43.23	1/8	132.75	1/8	222.12	1/8	311.45	1/8	400.77	1/8	490.10	1/8	579.43	1/8	667.89	1/8	758.09	1/8	847.41
1/4	45.10	1/4	134.62	1/4	223.98	1/4	313.31	1/4	402.63	1/4	491.96	1/4	581.29	1/4	669.87	1/4	759.95	1/4	849.27
3/8	46.96	3/8	136.48	3/8	225.84	3/8	315.17	3/8	404.49	3/8	493.82	3/8	583.15	3/8	671.86	3/8	761.81	3/8	851.13
1/2	48.83	1/2	138.35	1/2	227.71	1/2	317.03	1/2	406.35	1/2	495.69	1/2	585.02	1/2	673.84	1/2	763.67	1/2	852.99
5/8	50.69	5/8	140.21	5/8	229.57	5/8	318.89	5/8	408.22	5/8	497.55	5/8	586.88	5/8	675.83	5/8	765.53	5/8	854.86
3/4	52.56	3/4	142.08	3/4	231.43	3/4	320.75	3/4	410.08	3/4	499.41	3/4	588.74	3/4	677.82	3/4	767.39	3/4	856.72
7/8	54.42	7/8	143.94	7/8	233.29	7/8	322.61	7/8	411.94	7/8	501.27	7/8	590.60	7/8	679.80	7/8	769.25	7/8	858.58
4	56.29	10	145.81	4	235.15	10	324.47	4	413.80	10	503.13	4	592.46	10	681.79	4	771.11	10	860.44
1/8	58.15	1/8	147.67	1/8	237.01	1/8	326.33	1/8	415.65	1/8	504.99	1/8	594.32	1/8	683.65	1/8	772.97	1/8	862.30
1/4	60.02	1/4	149.53	1/4	238.87	1/4	328.19	1/4	417.50	1/4	506.85	1/4	596.18	1/4	685.51	1/4	774.83	1/4	864.16
3/8	61.88	3/8	151.40	3/8	240.73	3/8	330.05	3/8	419.35	3/8	508.71	3/8	598.04	3/8	687.37	3/8	776.69	3/8	866.02
1/2	63.75	1/2	153.26	1/2	242.59	1/2	331.91	1/2	421.19	1/2	510.58	1/2	599.91	1/2	689.23	1/2	778.55	1/2	867.89
5/8	65.61	5/8	155.12	5/8	244.45	5/8	333.78	5/8	423.04	5/8	512.44	5/8	601.77	5/8	691.09	5/8	780.42	5/8	869.75
3/4	67.48	3/4	156.98	3/4	246.31	3/4	335.64	3/4	424.89	3/4	514.30	3/4	603.63	3/4	692.95	3/4	782.28	3/4	871.61
7/8	69.34	7/8	158.85	7/8	248.17	7/8	337.50	7/8	426.74	7/8	516.16	7/8	605.49	7/8	694.81	7/8	784.14	7/8	873.47
5	71.21	11	160.71	5	250.03	11	339.36	5	428.59	11	518.02	5	607.35	11	696.67	5	786.00	11	875.33
1/8	73.07	1/8	162.57	1/8	251.89	1/8	341.22	1/8	430.46	1/8	519.88	1/8	609.21	1/8	698.53	1/8	787.86	1/8	877.19
1/4	74.94	1/4	164.43	1/4	253.75	1/4	343.08	1/4	432.34	1/4	521.74	1/4	611.07	1/4	700.39	1/4	789.72	1/4	879.05
3/8	76.80	3/8	166.29	3/8	255.61	3/8	344.94	3/8	434.21	3/8	523.60	3/8	612.93	3/8	702.25	3/8	791.58	3/8	880.91
1/2	78.67	1/2	168.15	1/2	257.47	1/2	346.81	1/2	436.08	1/2	525.47	1/2	614.79	1/2	704.11	1/2	793.45	1/2	882.78
5/8	80.53	5/8	170.01	5/8	259.34	5/8	348.67	5/8	437.96	5/8	527.33	5/8	616.65	5/8	705.98	5/8	795.31	5/8	884.64
3/4	82.40	3/4	171.87	3/4	261.20	3/4	350.53	3/4	439.83	3/4	529.19	3/4	618.51	3/4	707.84	3/4	797.17	3/4	886.50
7/8	84.26	7/8	173.73	7/8	263.06	7/8	352.39	7/8	441.71	7/8	531.05	7/8	620.37	7/8	709.70	7/8	799.03	7/8	888.36

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

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BARGE "303"

5 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 11'-02"

IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.	IN	8 FT.	IN	9 FT.	IN	9 FT.
0	890.22	6	979.55	0	1,068.87	6	1,158.20	0	1,247.53	6	1,336.86	0	1,426.19	6	1,515.51	0	1,604.84	6	1,694.17
1/8	892.08	1/8	981.41	1/8	1,070.73	1/8	1,160.06	1/8	1,249.39	1/8	1,338.72	1/8	1,428.05	1/8	1,517.37	1/8	1,606.70	1/8	1,695.90
1/4	893.94	1/4	983.27	1/4	1,072.59	1/4	1,161.92	1/4	1,251.25	1/4	1,340.58	1/4	1,429.91	1/4	1,519.23	1/4	1,608.56	1/4	1,697.63
3/8	895.80	3/8	985.13	3/8	1,074.45	3/8	1,163.78	3/8	1,253.11	3/8	1,342.44	3/8	1,431.77	3/8	1,521.09	3/8	1,610.42	3/8	1,699.36
1/2	897.67	1/2	986.99	1/2	1,076.31	1/2	1,165.65	1/2	1,254.98	1/2	1,344.31	1/2	1,433.63	1/2	1,522.95	1/2	1,612.29	1/2	1,701.08
5/8	899.53	5/8	988.85	5/8	1,078.18	5/8	1,167.51	5/8	1,256.84	5/8	1,346.17	5/8	1,435.49	5/8	1,524.82	5/8	1,614.15	5/8	1,702.81
3/4	901.39	3/4	990.71	3/4	1,080.04	3/4	1,169.37	3/4	1,258.70	3/4	1,348.03	3/4	1,437.35	3/4	1,526.68	3/4	1,616.01	3/4	1,704.54
7/8	903.25	7/8	992.57	7/8	1,081.90	7/8	1,171.23	7/8	1,260.56	7/8	1,349.89	7/8	1,439.21	7/8	1,528.54	7/8	1,617.87	7/8	1,706.27
1	905.11	7	994.43	1	1,083.76	7	1,173.09	1	1,262.42	7	1,351.75	1	1,441.07	7	1,530.40	1	1,619.73	7	1,708.00
1/8	906.97	1/8	996.29	1/8	1,085.62	1/8	1,174.95	1/8	1,264.28	1/8	1,353.61	1/8	1,442.93	1/8	1,532.26	1/8	1,621.59	1/8	1,709.42
1/4	908.83	1/4	998.15	1/4	1,087.48	1/4	1,176.81	1/4	1,266.14	1/4	1,355.47	1/4	1,444.79	1/4	1,534.12	1/4	1,623.45	1/4	1,710.83
3/8	910.69	3/8	1,000.01	3/8	1,089.34	3/8	1,178.67	3/8	1,268.00	3/8	1,357.33	3/8	1,446.65	3/8	1,535.98	3/8	1,625.31	3/8	1,712.25
1/2	912.55	1/2	1,001.87	1/2	1,091.21	1/2	1,180.54	1/2	1,269.87	1/2	1,359.19	1/2	1,448.51	1/2	1,537.85	1/2	1,627.18	1/2	1,713.66
5/8	914.41	5/8	1,003.74	5/8	1,093.07	5/8	1,182.40	5/8	1,271.73	5/8	1,361.05	5/8	1,450.38	5/8	1,539.71	5/8	1,629.04	5/8	1,715.08
3/4	916.27	3/4	1,005.60	3/4	1,094.93	3/4	1,184.26	3/4	1,273.59	3/4	1,362.91	3/4	1,452.24	3/4	1,541.57	3/4	1,630.90	3/4	1,716.50
7/8	918.13	7/8	1,007.46	7/8	1,096.79	7/8	1,186.12	7/8	1,275.45	7/8	1,364.77	7/8	1,454.10	7/8	1,543.43	7/8	1,632.76	7/8	1,717.91
2	919.99	8	1,009.32	2	1,098.65	8	1,187.98	2	1,277.31	8	1,366.63	2	1,455.96	8	1,545.29	2	1,634.62	8	1,719.33
1/8	921.85	1/8	1,011.18	1/8	1,100.51	1/8	1,189.84	1/8	1,279.17	1/8	1,368.49	1/8	1,457.82	1/8	1,547.15	1/8	1,636.48	1/8	1,720.39
1/4	923.71	1/4	1,013.04	1/4	1,102.37	1/4	1,191.70	1/4	1,281.03	1/4	1,370.35	1/4	1,459.68	1/4	1,549.01	1/4	1,638.34	1/4	1,721.45
3/8	925.57	3/8	1,014.90	3/8	1,104.23	3/8	1,193.56	3/8	1,282.89	3/8	1,372.21	3/8	1,461.54	3/8	1,550.87	3/8	1,640.20	3/8	1,722.52
1/2	927.43	1/2	1,016.77	1/2	1,106.10	1/2	1,195.43	1/2	1,284.75	1/2	1,374.07	1/2	1,463.41	1/2	1,552.74	1/2	1,642.07	1/2	1,723.58
5/8	929.30	5/8	1,018.63	5/8	1,107.96	5/8	1,197.29	5/8	1,286.61	5/8	1,375.94	5/8	1,465.27	5/8	1,554.60	5/8	1,643.93	5/8	1,724.64
3/4	931.16	3/4	1,020.49	3/4	1,109.82	3/4	1,199.15	3/4	1,288.47	3/4	1,377.80	3/4	1,467.13	3/4	1,556.46	3/4	1,645.79	3/4	1,725.70
7/8	933.02	7/8	1,022.35	7/8	1,111.68	7/8	1,201.01	7/8	1,290.33	7/8	1,379.66	7/8	1,468.99	7/8	1,558.32	7/8	1,647.65	7/8	1,726.77
3	934.88	9	1,024.21	3	1,113.54	9	1,202.87	3	1,292.19	9	1,381.52	3	1,470.85	9	1,560.18	3	1,649.51	9	1,727.83
1/8	936.74	1/8	1,026.07	1/8	1,115.40	1/8	1,204.73	1/8	1,294.05	1/8	1,383.38	1/8	1,472.71	1/8	1,562.04	1/8	1,651.37	1/8	1,728.54
1/4	938.60	1/4	1,027.93	1/4	1,117.26	1/4	1,206.59	1/4	1,295.91	1/4	1,385.24	1/4	1,474.57	1/4	1,563.90	1/4	1,653.23	1/4	1,729.24
3/8	940.46	3/8	1,029.79	3/8	1,119.12	3/8	1,208.45	3/8	1,297.77	3/8	1,387.10	3/8	1,476.43	3/8	1,565.76	3/8	1,655.09	3/8	1,729.95
1/2	942.33	1/2	1,031.66	1/2	1,120.99	1/2	1,210.31	1/2	1,299.63	1/2	1,388.97	1/2	1,478.30	1/2	1,567.63	1/2	1,656.95	1/2	1,730.65
5/8	944.19	5/8	1,033.52	5/8	1,122.85	5/8	1,212.17	5/8	1,301.50	5/8	1,390.83	5/8	1,480.16	5/8	1,569.49	5/8	1,658.81	5/8	1,731.36
3/4	946.05	3/4	1,035.38	3/4	1,124.71	3/4	1,214.03	3/4	1,303.36	3/4	1,392.69	3/4	1,482.02	3/4	1,571.35	3/4	1,660.67	3/4	1,732.07
7/8	947.91	7/8	1,037.24	7/8	1,126.57	7/8	1,215.89	7/8	1,305.22	7/8	1,394.55	7/8	1,483.88	7/8	1,573.21	7/8	1,662.53	7/8	1,732.77
4	949.77	10	1,039.10	4	1,128.43	10	1,217.75	4	1,307.08	10	1,396.41	4	1,485.74	10	1,575.07	4	1,664.39	10	1,733.48
1/8	951.63	1/8	1,040.96	1/8	1,130.29	1/8	1,219.61	1/8	1,308.94	1/8	1,398.27	1/8	1,487.60	1/8	1,576.93	1/8	1,666.48	1/8	1,733.83
1/4	953.49	1/4	1,042.82	1/4	1,132.15	1/4	1,221.47	1/4	1,310.80	1/4	1,400.13	1/4	1,489.46	1/4	1,578.79	1/4	1,668.58	1/4	1,734.18
3/8	955.35	3/8	1,044.68	3/8	1,134.01	3/8	1,223.33	3/8	1,312.66	3/8	1,401.99	3/8	1,491.32	3/8	1,580.65	3/8	1,670.67	3/8	1,734.53
1/2	957.22	1/2	1,046.55	1/2	1,135.87	1/2	1,225.19	1/2	1,314.53	1/2	1,403.86	1/2	1,493.19	1/2	1,582.51	1/2	1,672.76	1/2	1,734.88
5/8	959.08	5/8	1,048.41	5/8	1,137.73	5/8	1,227.06	5/8	1,316.39	5/8	1,405.72	5/8	1,495.05	5/8	1,584.37	5/8	1,674.86	5/8	1,735.24
3/4	960.94	3/4	1,050.27	3/4	1,139.59	3/4	1,228.92	3/4	1,318.25	3/4	1,407.58	3/4	1,496.91	3/4	1,586.23	3/4	1,676.95	3/4	1,735.59
7/8	962.80	7/8	1,052.13	7/8	1,141.45	7/8	1,230.78	7/8	1,320.11	7/8	1,409.44	7/8	1,498.77	7/8	1,588.09	7/8	1,679.05	7/8	1,735.94
5	964.66	11	1,053.99	5	1,143.31	11	1,232.64	5	1,321.97	11	1,411.30	5	1,500.63	11	1,589.95	5	1,681.14	11	1,736.29
1/8	966.52	1/8	1,055.85	1/8	1,145.17	1/8	1,234.50	1/8	1,323.83	1/8	1,413.16	1/8	1,502.49	1/8	1,591.81	1/8	1,682.77	1/8	1,736.44
1/4	968.38	1/4	1,057.71	1/4	1,147.03	1/4	1,236.36	1/4	1,325.69	1/4	1,415.02	1/4	1,504.35	1/4	1,593.67	1/4	1,684.40	1/4	1,736.59
3/8	970.24	3/8	1,059.57	3/8	1,148.89	3/8	1,238.22	3/8	1,327.55	3/8	1,416.88	3/8	1,506.21	3/8	1,595.53	3/8	1,686.03	3/8	1,736.74
1/2	972.11	1/2	1,061.43	1/2	1,150.75	1/2	1,240.09	1/2	1,329.42	1/2	1,418.75	1/2	1,508.07	1/2	1,597.39	1/2	1,687.65	1/2	1,736.89
5/8	973.97	5/8	1,063.29	5/8	1,152.62	5/8	1,241.95	5/8	1,331.28	5/8	1,420.61	5/8	1,509.93	5/8	1,599.26	5/8	1,689.28	5/8	
3/4	975.83	3/4	1,065.15	3/4	1,154.48	3/4	1,243.81	3/4	1,333.14	3/4	1,422.47	3/4	1,511.79	3/4	1,601.12	3/4	1,690.91	3/4	
7/8	977.69	7/8	1,067.01	7/8	1,156.34	7/8	1,245.67	7/8	1,335.00	7/8	1,424.33	7/8	1,513.65	7/8	1,602.98	7/8	1,692.54	7/8	

DECK MEASUREMENTS: 04/08/2020 SW
CALCULATED: 8/6/2014 SW
PRINTED: 08/27/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2006

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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Pearland, Texas 77588
http://www.pmacorp.net