



BARGE "DBL 316"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	00-3/8	- 00-3/8	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-1/4	- 03-1/4
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-1/4	- 03-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 259'-09"

April 8, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "DBL 316"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "DBL 316"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,886.45	0	1,522.29	0	1,158.61	0	796.78	0	432.63	0	69.12	0		0		0		0	
1/4	1,878.86	1/4	1,514.70	1/4	1,151.08	1/4	789.19	1/4	425.05	1/4	61.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,871.27	1/2	1,507.12	1/2	1,143.55	1/2	781.60	1/2	417.46	1/2	55.45	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,863.69	3/4	1,499.53	3/4	1,136.03	3/4	774.02	3/4	409.88	3/4	49.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,856.10	1	1,491.94	1	1,128.50	1	766.43	1	402.29	1	42.92	1	1	1	1	1	1	1	1
1/4	1,848.51	1/4	1,484.36	1/4	1,120.98	1/4	758.85	1/4	394.70	1/4	36.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,840.93	1/2	1,476.77	1/2	1,113.45	1/2	751.26	1/2	387.12	1/2	32.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,833.34	3/4	1,469.18	3/4	1,105.92	3/4	743.67	3/4	379.53	3/4	27.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,825.75	2	1,461.60	2	1,098.40	2	736.09	2	371.94	2	22.75	2	2	2	2	2	2	2	2
1/4	1,818.17	1/4	1,454.01	1/4	1,090.87	1/4	728.50	1/4	364.36	1/4	18.12	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,810.58	1/2	1,446.42	1/2	1,083.35	1/2	720.91	1/2	356.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,802.99	3/4	1,438.84	3/4	1,075.82	3/4	713.33	3/4	349.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,795.41	3	1,431.25	3	1,068.30	3	705.74	3	341.60	3	3	3	3	3	3	3	3	3	3
1/4	1,787.82	1/4	1,423.66	1/4	1,060.77	1/4	698.15	1/4	334.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,780.23	1/2	1,416.08	1/2	1,053.25	1/2	690.57	1/2	326.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,772.65	3/4	1,408.49	3/4	1,045.72	3/4	682.98	3/4	318.84	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
4	1,765.06	4	1,400.90	4	1,038.20	4	675.40	4	311.25	4	4	4	4	4	4	4	4	4	4
1/4	1,757.47	1/4	1,393.32	1/4	1,030.67	1/4	667.81	1/4	303.67	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,749.89	1/2	1,385.73	1/2	1,023.15	1/2	660.22	1/2	296.08	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,742.30	3/4	1,378.14	3/4	1,015.62	3/4	652.64	3/4	288.49	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
5	1,734.72	5	1,370.56	5	1,008.09	5	645.05	5	280.91	5	5	5	5	5	5	5	5	5	5
1/4	1,727.13	1/4	1,362.97	1/4	1,000.57	1/4	637.46	1/4	273.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,719.54	1/2	1,355.39	1/2	993.04	1/2	629.88	1/2	265.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,711.96	3/4	1,347.80	3/4	985.52	3/4	622.29	3/4	258.15	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
6	1,704.37	6	1,340.21	6	977.99	6	614.71	6	250.56	6	6	6	6	6	6	6	6	6	6
1/4	1,696.78	1/4	1,332.63	1/4	970.47	1/4	607.12	1/4	242.98	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,689.20	1/2	1,325.04	1/2	962.94	1/2	599.53	1/2	235.39	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,681.61	3/4	1,317.45	3/4	955.42	3/4	591.95	3/4	227.80	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
7	1,674.02	7	1,309.87	7	947.89	7	584.36	7	220.22	7	7	7	7	7	7	7	7	7	7
1/4	1,666.44	1/4	1,302.28	1/4	940.37	1/4	576.77	1/4	212.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,658.85	1/2	1,294.69	1/2	932.84	1/2	569.19	1/2	205.05	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,651.26	3/4	1,287.11	3/4	925.32	3/4	561.60	3/4	197.46	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	1,643.68	8	1,279.52	8	917.79	8	554.02	8	189.87	8	8	8	8	8	8	8	8	8	8
1/4	1,636.09	1/4	1,271.93	1/4	910.26	1/4	546.43	1/4	182.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,628.50	1/2	1,264.35	1/2	902.74	1/2	538.84	1/2	174.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,620.92	3/4	1,256.76	3/4	895.21	3/4	531.26	3/4	167.11	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
9	1,613.33	9	1,249.17	9	887.69	9	523.67	9	159.53	9	9	9	9	9	9	9	9	9	9
1/4	1,605.74	1/4	1,241.59	1/4	880.16	1/4	516.08	1/4	151.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,598.16	1/2	1,234.03	1/2	872.59	1/2	508.50	1/2	144.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,590.57	3/4	1,226.48	3/4	865.02	3/4	500.91	3/4	136.78	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
10	1,582.98	10	1,218.92	10	857.45	10	493.32	10	129.19	10	10	10	10	10	10	10	10	10	10
1/4	1,575.40	1/4	1,211.37	1/4	849.88	1/4	485.74	1/4	121.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,567.81	1/2	1,203.83	1/2	842.29	1/2	478.15	1/2	114.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,560.22	3/4	1,196.28	3/4	834.71	3/4	470.57	3/4	106.47	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	1,552.64	11	1,188.74	11	827.12	11	462.98	11	98.90	11	11	11	11	11	11	11	11	11	11
1/4	1,545.05	1/4	1,181.20	1/4	819.54	1/4	455.39	1/4	91.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,537.46	1/2	1,173.67	1/2	811.95	1/2	447.81	1/2	83.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,529.88	3/4	1,166.14	3/4	804.36	3/4	440.22	3/4	76.52	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2020 JS
CALCULATED: 04/08/2020 CL
PRINTED: 04/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020



BARGE "DBL 316"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,106.52	0	4,769.23	0	4,406.96	0	4,044.70	0	3,682.43	0	3,320.16	0	2,957.90	0	2,595.63	0	2,233.37
1/4		1/4	5,102.17	1/4	4,761.68	1/4	4,399.41	1/4	4,037.15	1/4	3,674.88	1/4	3,312.62	1/4	2,950.35	1/4	2,588.09	1/4	2,225.82
1/2		1/2	5,097.81	1/2	4,754.13	1/2	4,391.87	1/2	4,029.60	1/2	3,667.34	1/2	3,305.07	1/2	2,942.80	1/2	2,580.54	1/2	2,218.27
3/4		3/4	5,093.46	3/4	4,746.58	3/4	4,384.32	3/4	4,022.05	3/4	3,659.79	3/4	3,297.52	3/4	2,935.26	3/4	2,572.99	3/4	2,210.73
1		1	5,089.10	1	4,739.04	1	4,376.77	1	4,014.51	1	3,652.24	1	3,289.98	1	2,927.71	1	2,565.44	1	2,203.18
1/4		1/4	5,083.59	1/4	4,731.49	1/4	4,369.22	1/4	4,006.96	1/4	3,644.69	1/4	3,282.43	1/4	2,920.16	1/4	2,557.90	1/4	2,195.63
1/2		1/2	5,078.07	1/2	4,723.94	1/2	4,361.68	1/2	3,999.41	1/2	3,637.15	1/2	3,274.88	1/2	2,912.62	1/2	2,550.35	1/2	2,188.08
3/4		3/4	5,072.56	3/4	4,716.40	3/4	4,354.13	3/4	3,991.86	3/4	3,629.60	3/4	3,267.33	3/4	2,905.07	3/4	2,542.80	3/4	2,180.54
2		2	5,067.04	2	4,708.85	2	4,346.58	2	3,984.32	2	3,622.05	2	3,259.79	2	2,897.52	2	2,535.26	2	2,172.99
1/4		1/4	5,060.37	1/4	4,701.30	1/4	4,339.04	1/4	3,976.77	1/4	3,614.50	1/4	3,252.24	1/4	2,889.97	1/4	2,527.71	1/4	2,165.44
1/2		1/2	5,053.69	1/2	4,693.75	1/2	4,331.49	1/2	3,969.22	1/2	3,606.96	1/2	3,244.69	1/2	2,882.43	1/2	2,520.16	1/2	2,157.90
3/4		3/4	5,047.01	3/4	4,686.21	3/4	4,323.94	3/4	3,961.68	3/4	3,599.41	3/4	3,237.14	3/4	2,874.88	3/4	2,512.61	3/4	2,150.35
3		3	5,040.33	3	4,678.66	3	4,316.39	3	3,954.13	3	3,591.86	3	3,229.60	3	2,867.33	3	2,505.07	3	2,142.80
1/4		1/4	5,032.93	1/4	4,671.11	1/4	4,308.85	1/4	3,946.58	1/4	3,584.32	1/4	3,222.05	1/4	2,859.78	1/4	2,497.52	1/4	2,135.25
1/2		1/2	5,025.53	1/2	4,663.57	1/2	4,301.30	1/2	3,939.03	1/2	3,576.77	1/2	3,214.50	1/2	2,852.24	1/2	2,489.97	1/2	2,127.71
3/4		3/4	5,018.14	3/4	4,656.02	3/4	4,293.75	3/4	3,931.49	3/4	3,569.22	3/4	3,206.96	3/4	2,844.69	3/4	2,482.42	3/4	2,120.16
4		4	5,010.74	4	4,648.47	4	4,286.21	4	3,923.94	4	3,561.67	4	3,199.41	4	2,837.14	4	2,474.88	4	2,112.61
1/4		1/4	5,003.19	1/4	4,640.92	1/4	4,278.66	1/4	3,916.39	1/4	3,554.13	1/4	3,191.86	1/4	2,829.60	1/4	2,467.33	1/4	2,105.06
1/2		1/2	4,995.64	1/2	4,633.38	1/2	4,271.11	1/2	3,908.85	1/2	3,546.58	1/2	3,184.31	1/2	2,822.05	1/2	2,459.78	1/2	2,097.52
3/4		3/4	4,988.10	3/4	4,625.83	3/4	4,263.56	3/4	3,901.30	3/4	3,539.03	3/4	3,176.77	3/4	2,814.50	3/4	2,452.24	3/4	2,089.97
5		5	4,980.55	5	4,618.28	5	4,256.02	5	3,893.75	5	3,531.49	5	3,169.22	5	2,806.95	5	2,444.69	5	2,082.42
1/4		1/4	4,973.00	1/4	4,610.74	1/4	4,248.47	1/4	3,886.20	1/4	3,523.94	1/4	3,161.67	1/4	2,799.41	1/4	2,437.14	1/4	2,074.88
1/2		1/2	4,965.45	1/2	4,603.19	1/2	4,240.92	1/2	3,878.66	1/2	3,516.39	1/2	3,154.13	1/2	2,791.86	1/2	2,429.59	1/2	2,067.33
3/4		3/4	4,957.91	3/4	4,595.64	3/4	4,233.38	3/4	3,871.11	3/4	3,508.84	3/4	3,146.58	3/4	2,784.31	3/4	2,422.05	3/4	2,059.78
6		6	4,950.36	6	4,588.09	6	4,225.83	6	3,863.56	6	3,501.30	6	3,139.03	6	2,776.77	6	2,414.50	6	2,052.23
1/4		1/4	4,942.81	1/4	4,580.55	1/4	4,218.28	1/4	3,856.02	1/4	3,493.75	1/4	3,131.48	1/4	2,769.22	1/4	2,406.95	1/4	2,044.69
1/2		1/2	4,935.26	1/2	4,573.00	1/2	4,210.73	1/2	3,848.47	1/2	3,486.20	1/2	3,123.94	1/2	2,761.67	1/2	2,399.41	1/2	2,037.14
3/4		3/4	4,927.72	3/4	4,565.45	3/4	4,203.19	3/4	3,840.92	3/4	3,478.66	3/4	3,116.39	3/4	2,754.12	3/4	2,391.86	3/4	2,029.59
7		7	4,920.17	7	4,557.90	7	4,195.64	7	3,833.37	7	3,471.11	7	3,108.84	7	2,746.58	7	2,384.31	7	2,022.05
1/4		1/4	4,912.62	1/4	4,550.36	1/4	4,188.09	1/4	3,825.83	1/4	3,463.56	1/4	3,101.30	1/4	2,739.03	1/4	2,376.76	1/4	2,014.50
1/2		1/2	4,905.08	1/2	4,542.81	1/2	4,180.54	1/2	3,818.28	1/2	3,456.01	1/2	3,093.75	1/2	2,731.48	1/2	2,369.22	1/2	2,006.95
3/4		3/4	4,897.53	3/4	4,535.26	3/4	4,173.00	3/4	3,810.73	3/4	3,448.47	3/4	3,086.20	3/4	2,723.94	3/4	2,361.67	3/4	1,999.40
8		8	4,889.98	8	4,527.72	8	4,165.45	8	3,803.18	8	3,440.92	8	3,078.65	8	2,716.39	8	2,354.12	8	1,991.86
1/4		1/4	4,882.43	1/4	4,520.17	1/4	4,157.90	1/4	3,795.64	1/4	3,433.37	1/4	3,071.11	1/4	2,708.84	1/4	2,346.58	1/4	1,984.31
1/2		1/2	4,874.89	1/2	4,512.62	1/2	4,150.36	1/2	3,788.09	1/2	3,425.82	1/2	3,063.56	1/2	2,701.29	1/2	2,339.03	1/2	1,976.76
3/4		3/4	4,867.34	3/4	4,505.07	3/4	4,142.81	3/4	3,780.54	3/4	3,418.28	3/4	3,056.01	3/4	2,693.75	3/4	2,331.48	3/4	1,969.22
9		9	4,859.79	9	4,497.53	9	4,135.26	9	3,773.00	9	3,410.73	9	3,048.46	9	2,686.20	9	2,323.93	9	1,961.67
1/4		1/4	4,852.25	1/4	4,489.98	1/4	4,127.71	1/4	3,765.45	1/4	3,403.18	1/4	3,040.92	1/4	2,678.65	1/4	2,316.39	1/4	1,954.12
1/2		1/2	4,844.70	1/2	4,482.43	1/2	4,120.17	1/2	3,757.90	1/2	3,395.64	1/2	3,033.37	1/2	2,671.10	1/2	2,308.84	1/2	1,946.57
3/4		3/4	4,837.15	3/4	4,474.89	3/4	4,112.62	3/4	3,750.35	3/4	3,388.09	3/4	3,025.82	3/4	2,663.56	3/4	2,301.29	3/4	1,939.03
10		10	4,829.60	10	4,467.34	10	4,105.07	10	3,742.81	10	3,380.54	10	3,018.28	10	2,656.01	10	2,293.74	10	1,931.48
1/4		1/4	4,822.06	1/4	4,459.79	1/4	4,097.53	1/4	3,735.26	1/4	3,372.99	1/4	3,010.73	1/4	2,648.46	1/4	2,286.20	1/4	1,923.93
1/2		1/2	4,814.51	1/2	4,452.24	1/2	4,089.98	1/2	3,727.71	1/2	3,365.45	1/2	3,003.18	1/2	2,640.92	1/2	2,278.65	1/2	1,916.38
3/4		3/4	4,806.96	3/4	4,444.70	3/4	4,082.43	3/4	3,720.17	3/4	3,357.90	3/4	2,995.63	3/4	2,633.37	3/4	2,271.10	3/4	1,908.84
11		11	4,799.42	11	4,437.15	11	4,074.88	11	3,712.62	11	3,350.35	11	2,988.09	11	2,625.82	11	2,263.56	11	1,901.29
1/4		1/4	4,791.87	1/4	4,429.60	1/4	4,067.34	1/4	3,705.07	1/4	3,342.81	1/4	2,980.54	1/4	2,618.27	1/4	2,256.01	1/4	1,893.74
1/2		1/2	4,784.32	1/2	4,422.06	1/2	4,059.79	1/2	3,697.52	1/2	3,335.26	1/2	2,972.99	1/2	2,610.73	1/2	2,248.46	1/2	1,886.20
3/4		3/4	4,776.77	3/4	4,414.51	3/4	4,052.24	3/4	3,689.98	3/4	3,327.71	3/4	2,965.45	3/4	2,603.18	3/4	2,240.91	3/4	1,878.65

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 316"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,871.10	0	1,508.84	0	1,146.63	0	785.10	0	422.84	0	61.40	0		0		0		0	
1/4	1,863.55	1/4	1,501.29	1/4	1,139.10	1/4	777.55	1/4	415.30	1/4	55.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,856.01	1/2	1,493.74	1/2	1,131.57	1/2	770.00	1/2	407.75	1/2	48.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,848.46	3/4	1,486.19	3/4	1,124.05	3/4	762.46	3/4	400.20	3/4	42.71	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,840.91	1	1,478.65	1	1,116.52	1	754.91	1	392.66	1	36.48	1	1	1	1	1	1	1	1
1/4	1,833.37	1/4	1,471.10	1/4	1,108.99	1/4	747.36	1/4	385.11	1/4	31.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,825.82	1/2	1,463.55	1/2	1,101.46	1/2	739.81	1/2	377.56	1/2	27.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,818.27	3/4	1,456.01	3/4	1,093.94	3/4	732.27	3/4	370.02	3/4	22.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,810.72	2	1,448.46	2	1,086.41	2	724.72	2	362.47	2	18.03	2	2	2	2	2	2	2	2
1/4	1,803.18	1/4	1,440.91	1/4	1,078.88	1/4	717.17	1/4	354.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,795.63	1/2	1,433.36	1/2	1,071.35	1/2	709.63	1/2	347.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,788.08	3/4	1,425.82	3/4	1,063.83	3/4	702.08	3/4	339.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,780.54	3	1,418.27	3	1,056.30	3	694.53	3	332.28	3	3	3	3	3	3	3	3	3	3
1/4	1,772.99	1/4	1,410.72	1/4	1,048.77	1/4	686.99	1/4	324.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,765.44	1/2	1,403.18	1/2	1,041.24	1/2	679.44	1/2	317.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,757.89	3/4	1,395.63	3/4	1,033.72	3/4	671.89	3/4	309.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,750.35	4	1,388.08	4	1,026.19	4	664.35	4	302.09	4	4	4	4	4	4	4	4	4	4
1/4	1,742.80	1/4	1,380.53	1/4	1,018.66	1/4	656.80	1/4	294.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,735.25	1/2	1,372.99	1/2	1,011.13	1/2	649.25	1/2	287.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,727.70	3/4	1,365.44	3/4	1,003.61	3/4	641.70	3/4	279.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,720.16	5	1,357.89	5	996.08	5	634.16	5	271.91	5	5	5	5	5	5	5	5	5	5
1/4	1,712.61	1/4	1,350.34	1/4	988.55	1/4	626.61	1/4	264.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,705.06	1/2	1,342.80	1/2	981.02	1/2	619.06	1/2	256.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,697.52	3/4	1,335.25	3/4	973.50	3/4	611.52	3/4	249.27	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,689.97	6	1,327.70	6	965.97	6	603.97	6	241.72	6	6	6	6	6	6	6	6	6	6
1/4	1,682.42	1/4	1,320.16	1/4	958.44	1/4	596.42	1/4	234.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,674.87	1/2	1,312.61	1/2	950.91	1/2	588.88	1/2	226.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,667.33	3/4	1,305.06	3/4	943.39	3/4	581.33	3/4	219.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,659.78	7	1,297.51	7	935.86	7	573.78	7	211.53	7	7	7	7	7	7	7	7	7	7
1/4	1,652.23	1/4	1,289.97	1/4	928.33	1/4	566.24	1/4	203.98	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,644.69	1/2	1,282.42	1/2	920.80	1/2	558.69	1/2	196.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,637.14	3/4	1,274.87	3/4	913.27	3/4	551.14	3/4	188.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,629.59	8	1,267.33	8	905.75	8	543.60	8	181.34	8	8	8	8	8	8	8	8	8	8
1/4	1,622.04	1/4	1,259.78	1/4	898.22	1/4	536.05	1/4	173.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,614.50	1/2	1,252.23	1/2	890.69	1/2	528.50	1/2	166.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,606.95	3/4	1,244.68	3/4	883.16	3/4	520.95	3/4	158.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,599.40	9	1,237.14	9	875.64	9	513.41	9	151.16	9	9	9	9	9	9	9	9	9	9
1/4	1,591.86	1/4	1,229.59	1/4	868.10	1/4	505.86	1/4	143.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,584.31	1/2	1,222.04	1/2	860.55	1/2	498.31	1/2	136.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,576.76	3/4	1,214.50	3/4	853.01	3/4	490.77	3/4	128.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,569.21	10	1,206.95	10	845.47	10	483.22	10	120.98	10	10	10	10	10	10	10	10	10	10
1/4	1,561.67	1/4	1,199.40	1/4	837.92	1/4	475.67	1/4	113.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,554.12	1/2	1,191.85	1/2	830.38	1/2	468.13	1/2	105.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,546.57	3/4	1,184.31	3/4	822.83	3/4	460.58	3/4	98.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,539.02	11	1,176.76	11	815.28	11	453.03	11	90.86	11	11	11	11	11	11	11	11	11	11
1/4	1,531.48	1/4	1,169.23	1/4	807.74	1/4	445.49	1/4	83.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,523.93	1/2	1,161.69	1/2	800.19	1/2	437.94	1/2	76.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,516.38	3/4	1,154.16	3/4	792.64	3/4	430.39	3/4	68.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2020 JS
CALCULATED: 04/08/2020 CL
PRINTED: 04/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020





BARGE "DBL 316"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0	5,086.99	0	4,743.07	0	4,380.51	0	4,017.95	0	3,655.39	0	3,292.83	0	2,930.27	0	2,567.72	0	2,205.16		
1/4		1/4	5,082.63	1/4	4,735.51	1/4	4,372.95	1/4	4,010.40	1/4	3,647.84	1/4	3,285.28	1/4	2,922.72	1/4	2,560.16	1/4	2,197.60		
1/2		1/2	5,078.27	1/2	4,727.96	1/2	4,365.40	1/2	4,002.84	1/2	3,640.28	1/2	3,277.73	1/2	2,915.17	1/2	2,552.61	1/2	2,190.05		
3/4		3/4	5,072.75	3/4	4,720.41	3/4	4,357.85	3/4	3,995.29	3/4	3,632.73	3/4	3,270.17	3/4	2,907.61	3/4	2,545.06	3/4	2,182.50		
1		1	5,067.23	1	4,712.85	1	4,350.29	1	3,987.74	1	3,625.18	1	3,262.62	1	2,900.06	1	2,537.50	1	2,174.94		
1/4		1/4	5,061.71	1/4	4,705.30	1/4	4,342.74	1/4	3,980.18	1/4	3,617.62	1/4	3,255.07	1/4	2,892.51	1/4	2,529.95	1/4	2,167.39		
1/2		1/2	5,056.19	1/2	4,697.75	1/2	4,335.19	1/2	3,972.63	1/2	3,610.07	1/2	3,247.51	1/2	2,884.95	1/2	2,522.40	1/2	2,159.84		
3/4		3/4	5,049.51	3/4	4,690.19	3/4	4,327.63	3/4	3,965.08	3/4	3,602.52	3/4	3,239.96	3/4	2,877.40	3/4	2,514.84	3/4	2,152.28		
2		2	5,042.83	2	4,682.64	2	4,320.08	2	3,957.52	2	3,594.96	2	3,232.41	2	2,869.85	2	2,507.29	2	2,144.73		
1/4		1/4	5,036.15	1/4	4,675.09	1/4	4,312.53	1/4	3,949.97	1/4	3,587.41	1/4	3,224.85	1/4	2,862.29	1/4	2,499.74	1/4	2,137.18		
1/2		1/2	5,029.47	1/2	4,667.53	1/2	4,304.97	1/2	3,942.42	1/2	3,579.86	1/2	3,217.30	1/2	2,854.74	1/2	2,492.18	1/2	2,129.62		
3/4		3/4	5,022.07	3/4	4,659.98	3/4	4,297.42	3/4	3,934.86	3/4	3,572.30	3/4	3,209.75	3/4	2,847.19	3/4	2,484.63	3/4	2,122.07		
3		3	5,014.67	3	4,652.43	3	4,289.87	3	3,927.31	3	3,564.75	3	3,202.19	3	2,839.63	3	2,477.08	3	2,114.52		
1/4		1/4	5,007.28	1/4	4,644.87	1/4	4,282.31	1/4	3,919.76	1/4	3,557.20	1/4	3,194.64	1/4	2,832.08	1/4	2,469.52	1/4	2,106.96		
1/2		1/2	4,999.88	1/2	4,637.32	1/2	4,274.76	1/2	3,912.20	1/2	3,549.64	1/2	3,187.09	1/2	2,824.53	1/2	2,461.97	1/2	2,099.41		
3/4		3/4	4,992.32	3/4	4,629.77	3/4	4,267.21	3/4	3,904.65	3/4	3,542.09	3/4	3,179.53	3/4	2,816.97	3/4	2,454.42	3/4	2,091.86		
4		4	4,984.77	4	4,622.21	4	4,259.65	4	3,897.10	4	3,534.54	4	3,171.98	4	2,809.42	4	2,446.86	4	2,084.30		
1/4		1/4	4,977.22	1/4	4,614.66	1/4	4,252.10	1/4	3,889.54	1/4	3,526.98	1/4	3,164.43	1/4	2,801.87	1/4	2,439.31	1/4	2,076.75		
1/2		1/2	4,969.66	1/2	4,607.11	1/2	4,244.55	1/2	3,881.99	1/2	3,519.43	1/2	3,156.87	1/2	2,794.31	1/2	2,431.76	1/2	2,069.20		
3/4		3/4	4,962.11	3/4	4,599.55	3/4	4,236.99	3/4	3,874.44	3/4	3,511.88	3/4	3,149.32	3/4	2,786.76	3/4	2,424.20	3/4	2,061.64		
5		5	4,954.56	5	4,592.00	5	4,229.44	5	3,866.88	5	3,504.32	5	3,141.77	5	2,779.21	5	2,416.65	5	2,054.09		
1/4		1/4	4,947.00	1/4	4,584.45	1/4	4,221.89	1/4	3,859.33	1/4	3,496.77	1/4	3,134.21	1/4	2,771.65	1/4	2,409.10	1/4	2,046.54		
1/2		1/2	4,939.45	1/2	4,576.89	1/2	4,214.33	1/2	3,851.78	1/2	3,489.22	1/2	3,126.66	1/2	2,764.10	1/2	2,401.54	1/2	2,038.98		
3/4		3/4	4,931.90	3/4	4,569.34	3/4	4,206.78	3/4	3,844.22	3/4	3,481.66	3/4	3,119.11	3/4	2,756.55	3/4	2,393.99	3/4	2,031.43		
6		6	4,924.34	6	4,561.79	6	4,199.23	6	3,836.67	6	3,474.11	6	3,111.55	6	2,748.99	6	2,386.44	6	2,023.88		
1/4		1/4	4,916.79	1/4	4,554.23	1/4	4,191.67	1/4	3,829.12	1/4	3,466.56	1/4	3,104.00	1/4	2,741.44	1/4	2,378.88	1/4	2,016.32		
1/2		1/2	4,909.24	1/2	4,546.68	1/2	4,184.12	1/2	3,821.56	1/2	3,459.00	1/2	3,096.45	1/2	2,733.89	1/2	2,371.33	1/2	2,008.77		
3/4		3/4	4,901.68	3/4	4,539.13	3/4	4,176.57	3/4	3,814.01	3/4	3,451.45	3/4	3,088.89	3/4	2,726.33	3/4	2,363.78	3/4	2,001.22		
7		7	4,894.13	7	4,531.57	7	4,169.01	7	3,806.46	7	3,443.90	7	3,081.34	7	2,718.78	7	2,356.22	7	1,993.66		
1/4		1/4	4,886.58	1/4	4,524.02	1/4	4,161.46	1/4	3,798.90	1/4	3,436.34	1/4	3,073.79	1/4	2,711.23	1/4	2,348.67	1/4	1,986.11		
1/2		1/2	4,879.02	1/2	4,516.47	1/2	4,153.91	1/2	3,791.35	1/2	3,428.79	1/2	3,066.23	1/2	2,703.67	1/2	2,341.12	1/2	1,978.56		
3/4		3/4	4,871.47	3/4	4,508.91	3/4	4,146.35	3/4	3,783.80	3/4	3,421.24	3/4	3,058.68	3/4	2,696.12	3/4	2,333.56	3/4	1,971.00		
8		8	4,863.92	8	4,501.36	8	4,138.80	8	3,776.24	8	3,413.68	8	3,051.13	8	2,688.57	8	2,326.01	8	1,963.45		
1/4		1/4	4,856.36	1/4	4,493.81	1/4	4,131.25	1/4	3,768.69	1/4	3,406.13	1/4	3,043.57	1/4	2,681.01	1/4	2,318.46	1/4	1,955.90		
1/2		1/2	4,848.81	1/2	4,486.25	1/2	4,123.69	1/2	3,761.14	1/2	3,398.58	1/2	3,036.02	1/2	2,673.46	1/2	2,310.90	1/2	1,948.34		
3/4		3/4	4,841.26	3/4	4,478.70	3/4	4,116.14	3/4	3,753.58	3/4	3,391.02	3/4	3,028.47	3/4	2,665.91	3/4	2,303.35	3/4	1,940.79		
9		9	4,833.71	9	4,471.15	9	4,108.59	9	3,746.03	9	3,383.47	9	3,020.91	9	2,658.35	9	2,295.80	9	1,933.24		
1/4		1/4	4,826.15	1/4	4,463.59	1/4	4,101.03	1/4	3,738.48	1/4	3,375.92	1/4	3,013.36	1/4	2,650.80	1/4	2,288.24	1/4	1,925.68		
1/2		1/2	4,818.60	1/2	4,456.04	1/2	4,093.48	1/2	3,730.92	1/2	3,368.36	1/2	3,005.81	1/2	2,643.25	1/2	2,280.69	1/2	1,918.13		
3/4		3/4	4,811.05	3/4	4,448.49	3/4	4,085.93	3/4	3,723.37	3/4	3,360.81	3/4	2,998.25	3/4	2,635.69	3/4	2,273.14	3/4	1,910.58		
10		10	4,803.49	10	4,440.93	10	4,078.38	10	3,715.82	10	3,353.26	10	2,990.70	10	2,628.14	10	2,265.58	10	1,903.02		
1/4		1/4	4,795.94	1/4	4,433.38	1/4	4,070.82	1/4	3,708.26	1/4	3,345.70	1/4	2,983.15	1/4	2,620.59	1/4	2,258.03	1/4	1,895.47		
1/2		1/2	4,788.39	1/2	4,425.83	1/2	4,063.27	1/2	3,700.71	1/2	3,338.15	1/2	2,975.59	1/2	2,613.03	1/2	2,250.48	1/2	1,887.92		
3/4		3/4	4,780.83	3/4	4,418.27	3/4	4,055.72	3/4	3,693.16	3/4	3,330.60	3/4	2,968.04	3/4	2,605.48	3/4	2,242.92	3/4	1,880.36		
11		11	4,773.28	11	4,410.72	11	4,048.16	11	3,685.60	11	3,323.05	11	2,960.49	11	2,597.93	11	2,235.37	11	1,872.81		
1/4		1/4	4,765.73	1/4	4,403.17	1/4	4,040.61	1/4	3,678.05	1/4	3,315.49	1/4	2,952.93	1/4	2,590.37	1/4	2,227.82	1/4	1,865.26		
1/2		1/2	5,095.70	1/2	4,758.17	1/2	4,395.61	1/2	4,033.06	1/2	3,670.50	1/2	3,307.94	1/2	2,945.38	1/2	2,582.82	1/2	2,220.26	1/2	1,857.70
3/4		3/4	5,091.34	3/4	4,750.62	3/4	4,388.06	3/4	4,025.50	3/4	3,662.94	3/4	3,300.39	3/4	2,937.83	3/4	2,575.27	3/4	2,212.71	3/4	1,850.15

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 316"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,842.60	0	1,480.04	0	1,120.25	0	770.60	0	408.07	0	48.97	0		0		0		0	
1/4	1,835.04	1/4	1,472.49	1/4	1,113.02	1/4	763.05	1/4	400.52	1/4	42.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,827.49	1/2	1,464.93	1/2	1,105.79	1/2	755.50	1/2	392.96	1/2	36.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,819.94	3/4	1,457.38	3/4	1,098.57	3/4	747.95	3/4	385.41	3/4	31.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,812.39	1	1,449.83	1	1,091.34	1	740.40	1	377.86	1	27.27	1	1	1	1	1	1	1	1
1/4	1,804.83	1/4	1,442.27	1/4	1,084.12	1/4	732.84	1/4	370.30	1/4	22.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,797.28	1/2	1,434.72	1/2	1,076.89	1/2	725.29	1/2	362.75	1/2	18.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,789.73	3/4	1,427.17	3/4	1,069.67	3/4	717.74	3/4	355.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,782.17	2	1,419.61	2	1,062.44	2	710.19	2	347.65	2		2	2	2	2	2	2	2	2
1/4	1,774.62	1/4	1,412.06	1/4	1,055.22	1/4	702.63	1/4	340.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,767.07	1/2	1,404.51	1/2	1,048.00	1/2	695.08	1/2	332.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,759.51	3/4	1,396.95	3/4	1,040.77	3/4	687.53	3/4	324.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,751.96	3	1,389.40	3	1,033.55	3	679.97	3	317.43	3		3	3	3	3	3	3	3	3
1/4	1,744.41	1/4	1,381.85	1/4	1,026.32	1/4	672.42	1/4	309.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,736.85	1/2	1,374.29	1/2	1,019.10	1/2	664.87	1/2	302.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,729.30	3/4	1,366.74	3/4	1,011.87	3/4	657.32	3/4	294.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,721.75	4	1,359.19	4	1,004.65	4	649.76	4	287.22	4		4	4	4	4	4	4	4	4
1/4	1,714.19	1/4	1,351.63	1/4	997.42	1/4	642.21	1/4	279.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,706.64	1/2	1,344.08	1/2	990.20	1/2	634.66	1/2	272.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,699.09	3/4	1,336.53	3/4	982.97	3/4	627.10	3/4	264.56	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,691.53	5	1,328.97	5	975.75	5	619.55	5	257.01	5		5	5	5	5	5	5	5	5
1/4	1,683.98	1/4	1,321.42	1/4	968.52	1/4	612.00	1/4	249.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,676.43	1/2	1,313.87	1/2	961.30	1/2	604.44	1/2	241.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,668.87	3/4	1,306.31	3/4	954.08	3/4	596.89	3/4	234.35	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,661.32	6	1,298.76	6	946.85	6	589.34	6	226.80	6		6	6	6	6	6	6	6	6
1/4	1,653.77	1/4	1,291.21	1/4	939.63	1/4	581.79	1/4	219.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,646.21	1/2	1,283.65	1/2	932.40	1/2	574.23	1/2	211.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,638.66	3/4	1,276.10	3/4	925.18	3/4	566.68	3/4	204.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,631.11	7	1,268.55	7	917.95	7	559.13	7	196.59	7		7	7	7	7	7	7	7	7
1/4	1,623.55	1/4	1,260.99	1/4	910.73	1/4	551.57	1/4	189.04	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,616.00	1/2	1,253.44	1/2	903.50	1/2	544.02	1/2	181.48	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,608.45	3/4	1,245.89	3/4	896.28	3/4	536.47	3/4	173.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,600.89	8	1,238.33	8	889.05	8	528.92	8	166.38	8		8	8	8	8	8	8	8	8
1/4	1,593.34	1/4	1,230.78	1/4	881.83	1/4	521.36	1/4	158.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,585.79	1/2	1,223.23	1/2	874.60	1/2	513.81	1/2	151.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,578.23	3/4	1,215.67	3/4	867.37	3/4	506.26	3/4	143.72	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,570.68	9	1,208.12	9	860.14	9	498.70	9	136.17	9		9	9	9	9	9	9	9	9
1/4	1,563.13	1/4	1,200.57	1/4	852.91	1/4	491.15	1/4	128.62	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,555.57	1/2	1,193.01	1/2	845.67	1/2	483.60	1/2	121.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,548.02	3/4	1,185.69	3/4	838.21	3/4	476.05	3/4	113.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,540.47	10	1,178.36	10	830.75	10	468.49	10	106.00	10		10	10	10	10	10	10	10	10
1/4	1,532.91	1/4	1,171.03	1/4	823.29	1/4	460.94	1/4	98.46	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,525.36	1/2	1,163.70	1/2	815.83	1/2	453.39	1/2	90.93	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,517.81	3/4	1,156.45	3/4	808.30	3/4	445.83	3/4	83.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,510.25	11	1,149.20	11	800.77	11	438.28	11	76.18	11		11	11	11	11	11	11	11	11
1/4	1,502.70	1/4	1,141.96	1/4	793.23	1/4	430.73	1/4	68.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,495.15	1/2	1,134.71	1/2	785.70	1/2	423.18	1/2	61.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,487.59	3/4	1,127.48	3/4	778.15	3/4	415.62	3/4	55.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2020 JS
CALCULATED: 04/08/2020 CL
PRINTED: 04/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020



BARGE "DBL 316"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,083.56	0	4,737.39	0	4,375.83	0	4,014.26	0	3,652.70	0	3,291.13	0	2,929.57	0	2,568.00	0	2,206.44
1/4		1/4	5,079.22	1/4	4,729.86	1/4	4,368.30	1/4	4,006.73	1/4	3,645.17	1/4	3,283.60	1/4	2,922.04	1/4	2,560.47	1/4	2,198.91
1/2		1/2	5,073.71	1/2	4,722.33	1/2	4,360.76	1/2	3,999.20	1/2	3,637.63	1/2	3,276.07	1/2	2,914.50	1/2	2,552.94	1/2	2,191.37
3/4		3/4	5,068.21	3/4	4,714.80	3/4	4,353.23	3/4	3,991.67	3/4	3,630.10	3/4	3,268.54	3/4	2,906.97	3/4	2,545.41	3/4	2,183.84
1		1	5,062.70	1	4,707.26	1	4,345.70	1	3,982.13	1	3,622.57	1	3,261.00	1	2,899.44	1	2,537.87	1	2,176.31
1/4		1/4	5,057.20	1/4	4,699.73	1/4	4,338.17	1/4	3,976.60	1/4	3,615.04	1/4	3,253.47	1/4	2,891.91	1/4	2,530.34	1/4	2,168.78
1/2		1/2	5,050.54	1/2	4,692.20	1/2	4,330.63	1/2	3,969.07	1/2	3,607.50	1/2	3,245.94	1/2	2,884.37	1/2	2,522.81	1/2	2,161.24
3/4		3/4	5,043.87	3/4	4,684.66	3/4	4,323.10	3/4	3,961.54	3/4	3,599.97	3/4	3,238.41	3/4	2,876.84	3/4	2,515.28	3/4	2,153.71
2		2	5,037.21	2	4,677.13	2	4,315.57	2	3,954.00	2	3,592.44	2	3,230.87	2	2,869.31	2	2,507.74	2	2,146.18
1/4		1/4	5,030.55	1/4	4,669.60	1/4	4,308.03	1/4	3,946.47	1/4	3,584.91	1/4	3,223.34	1/4	2,861.78	1/4	2,500.21	1/4	2,138.65
1/2		1/2	5,023.17	1/2	4,662.07	1/2	4,300.50	1/2	3,938.94	1/2	3,577.37	1/2	3,215.81	1/2	2,854.24	1/2	2,492.68	1/2	2,131.11
3/4		3/4	5,015.79	3/4	4,654.53	3/4	4,292.97	3/4	3,931.40	3/4	3,569.84	3/4	3,208.28	3/4	2,846.71	3/4	2,485.15	3/4	2,123.58
3		3	5,008.41	3	4,647.00	3	4,285.44	3	3,923.87	3	3,562.31	3	3,200.74	3	2,839.18	3	2,477.61	3	2,116.05
1/4		1/4	5,001.03	1/4	4,639.47	1/4	4,277.90	1/4	3,916.34	1/4	3,554.77	1/4	3,193.21	1/4	2,831.65	1/4	2,470.08	1/4	2,108.52
1/2		1/2	4,993.50	1/2	4,631.94	1/2	4,270.37	1/2	3,908.81	1/2	3,547.24	1/2	3,185.68	1/2	2,824.11	1/2	2,462.55	1/2	2,100.98
3/4		3/4	4,985.97	3/4	4,624.40	3/4	4,262.84	3/4	3,901.27	3/4	3,539.71	3/4	3,178.14	3/4	2,816.58	3/4	2,455.02	3/4	2,093.45
4		4	4,978.44	4	4,616.87	4	4,255.31	4	3,893.74	4	3,532.18	4	3,170.61	4	2,809.05	4	2,447.48	4	2,085.92
1/4		1/4	4,970.90	1/4	4,609.34	1/4	4,247.77	1/4	3,886.21	1/4	3,524.64	1/4	3,163.08	1/4	2,801.51	1/4	2,439.95	1/4	2,078.39
1/2		1/2	4,963.37	1/2	4,601.81	1/2	4,240.24	1/2	3,878.68	1/2	3,517.11	1/2	3,155.55	1/2	2,793.98	1/2	2,432.42	1/2	2,070.85
3/4		3/4	4,955.84	3/4	4,594.27	3/4	4,232.71	3/4	3,871.14	3/4	3,509.58	3/4	3,148.01	3/4	2,786.45	3/4	2,424.88	3/4	2,063.32
5		5	4,948.31	5	4,586.74	5	4,225.18	5	3,863.61	5	3,502.05	5	3,140.48	5	2,778.92	5	2,417.35	5	2,055.79
1/4		1/4	4,940.77	1/4	4,579.21	1/4	4,217.64	1/4	3,856.08	1/4	3,494.51	1/4	3,132.95	1/4	2,771.38	1/4	2,409.82	1/4	2,048.25
1/2		1/2	4,933.24	1/2	4,571.68	1/2	4,210.11	1/2	3,848.55	1/2	3,486.98	1/2	3,125.42	1/2	2,763.85	1/2	2,402.29	1/2	2,040.72
3/4		3/4	4,925.71	3/4	4,564.14	3/4	4,202.58	3/4	3,841.01	3/4	3,479.45	3/4	3,117.88	3/4	2,756.32	3/4	2,394.75	3/4	2,033.19
6		6	4,918.18	6	4,556.61	6	4,195.05	6	3,833.48	6	3,471.92	6	3,110.35	6	2,748.79	6	2,387.22	6	2,025.66
1/4		1/4	4,910.64	1/4	4,549.08	1/4	4,187.51	1/4	3,825.95	1/4	3,464.38	1/4	3,102.82	1/4	2,741.25	1/4	2,379.69	1/4	2,018.12
1/2		1/2	4,903.11	1/2	4,541.55	1/2	4,179.98	1/2	3,818.42	1/2	3,456.85	1/2	3,095.29	1/2	2,733.72	1/2	2,372.16	1/2	2,010.59
3/4		3/4	4,895.58	3/4	4,534.01	3/4	4,172.45	3/4	3,810.88	3/4	3,449.32	3/4	3,087.75	3/4	2,726.19	3/4	2,364.62	3/4	2,003.06
7		7	4,888.05	7	4,526.48	7	4,164.92	7	3,803.35	7	3,441.79	7	3,080.22	7	2,718.66	7	2,357.09	7	1,995.53
1/4		1/4	4,880.51	1/4	4,518.95	1/4	4,157.38	1/4	3,795.82	1/4	3,434.25	1/4	3,072.69	1/4	2,711.12	1/4	2,349.56	1/4	1,987.99
1/2		1/2	4,872.98	1/2	4,511.42	1/2	4,149.85	1/2	3,788.29	1/2	3,426.72	1/2	3,065.16	1/2	2,703.59	1/2	2,342.03	1/2	1,980.46
3/4		3/4	4,865.45	3/4	4,503.88	3/4	4,142.32	3/4	3,780.75	3/4	3,419.19	3/4	3,057.62	3/4	2,696.06	3/4	2,334.49	3/4	1,972.93
8		8	4,857.91	8	4,496.35	8	4,134.79	8	3,773.22	8	3,411.66	8	3,050.09	8	2,688.53	8	2,326.96	8	1,965.40
1/4		1/4	4,850.38	1/4	4,488.82	1/4	4,127.25	1/4	3,765.69	1/4	3,404.12	1/4	3,042.56	1/4	2,680.99	1/4	2,319.43	1/4	1,957.86
1/2		1/2	4,842.85	1/2	4,481.28	1/2	4,119.72	1/2	3,758.16	1/2	3,396.59	1/2	3,035.03	1/2	2,673.46	1/2	2,311.90	1/2	1,950.33
3/4		3/4	4,835.32	3/4	4,473.75	3/4	4,112.19	3/4	3,750.62	3/4	3,389.06	3/4	3,027.49	3/4	2,665.93	3/4	2,304.36	3/4	1,942.80
9		9	4,827.78	9	4,466.22	9	4,104.65	9	3,743.09	9	3,381.53	9	3,019.96	9	2,658.40	9	2,296.83	9	1,935.27
1/4		1/4	4,820.25	1/4	4,458.69	1/4	4,097.12	1/4	3,735.56	1/4	3,373.99	1/4	3,012.43	1/4	2,650.86	1/4	2,289.30	1/4	1,927.73
1/2		1/2	4,812.72	1/2	4,451.15	1/2	4,089.59	1/2	3,728.02	1/2	3,366.46	1/2	3,004.90	1/2	2,643.33	1/2	2,281.77	1/2	1,920.20
3/4		3/4	4,805.19	3/4	4,443.62	3/4	4,082.06	3/4	3,720.49	3/4	3,358.93	3/4	2,997.36	3/4	2,635.80	3/4	2,274.23	3/4	1,912.67
10		10	4,797.65	10	4,436.09	10	4,074.52	10	3,712.96	10	3,351.39	10	2,989.83	10	2,628.27	10	2,266.70	10	1,905.14
1/4		1/4	4,790.12	1/4	4,428.56	1/4	4,066.99	1/4	3,705.43	1/4	3,343.86	1/4	2,982.30	1/4	2,620.73	1/4	2,259.17	1/4	1,897.60
1/2		1/2	4,782.59	1/2	4,421.02	1/2	4,059.46	1/2	3,697.89	1/2	3,336.33	1/2	2,974.76	1/2	2,613.20	1/2	2,251.64	1/2	1,890.07
3/4		3/4	4,775.06	3/4	4,413.49	3/4	4,051.93	3/4	3,690.36	3/4	3,328.80	3/4	2,967.23	3/4	2,605.67	3/4	2,244.10	3/4	1,882.54
11		11	4,767.52	11	4,405.96	11	4,044.39	11	3,682.83	11	3,321.26	11	2,959.70	11	2,598.13	11	2,236.57	11	1,875.01
1/4	5,096.60	1/4	4,759.99	1/4	4,398.43	1/4	4,036.86	1/4	3,675.30	1/4	3,313.73	1/4	2,952.17	1/4	2,590.60	1/4	2,229.04	1/4	1,867.47
1/2	5,092.25	1/2	4,752.46	1/2	4,390.89	1/2	4,029.33	1/2	3,667.76	1/2	3,306.20	1/2	2,944.63	1/2	2,583.07	1/2	2,221.50	1/2	1,859.94
3/4	5,087.91	3/4	4,744.93	3/4	4,383.36	3/4	4,021.80	3/4	3,660.23	3/4	3,298.67	3/4	2,937.10	3/4	2,575.54	3/4	2,213.97	3/4	1,852.41

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 316"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,844.87	0	1,483.31	0	1,121.86	0	760.97	0	399.42	0	42.62	0		0		0		0	
1/4	1,837.34	1/4	1,475.78	1/4	1,114.35	1/4	753.43	1/4	391.89	1/4	36.40	1/4		1/4		1/4		1/4	
1/2	1,829.81	1/2	1,468.24	1/2	1,106.84	1/2	745.90	1/2	384.36	1/2	31.80	1/2		1/2		1/2		1/2	
3/4	1,822.28	3/4	1,460.71	3/4	1,099.33	3/4	738.37	3/4	376.82	3/4	27.19	3/4		3/4		3/4		3/4	
1	1,814.74	1	1,453.18	1	1,091.81	1	730.84	1	369.29	1	22.59	1		1		1		1	
1/4	1,807.21	1/4	1,445.65	1/4	1,084.30	1/4	723.31	1/4	361.76	1/4	17.99	1/4		1/4		1/4		1/4	
1/2	1,799.68	1/2	1,438.11	1/2	1,076.79	1/2	715.77	1/2	354.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,792.15	3/4	1,430.58	3/4	1,069.27	3/4	708.24	3/4	346.70	3/4		3/4		3/4		3/4		3/4	
2	1,784.61	2	1,423.05	2	1,061.76	2	700.71	2	339.16	2		2		2		2		2	
1/4	1,777.08	1/4	1,415.52	1/4	1,054.25	1/4	693.18	1/4	331.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,769.55	1/2	1,407.98	1/2	1,046.73	1/2	685.64	1/2	324.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,762.02	3/4	1,400.45	3/4	1,039.22	3/4	678.11	3/4	316.57	3/4		3/4		3/4		3/4		3/4	
3	1,754.48	3	1,392.92	3	1,031.71	3	670.58	3	309.03	3		3		3		3		3	
1/4	1,746.95	1/4	1,385.39	1/4	1,024.19	1/4	663.05	1/4	301.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,739.42	1/2	1,377.85	1/2	1,016.68	1/2	655.52	1/2	293.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,731.89	3/4	1,370.32	3/4	1,009.17	3/4	647.98	3/4	286.44	3/4		3/4		3/4		3/4		3/4	
4	1,724.35	4	1,362.79	4	1,001.65	4	640.45	4	278.91	4		4		4		4		4	
1/4	1,716.82	1/4	1,355.26	1/4	994.14	1/4	632.92	1/4	271.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,709.29	1/2	1,347.72	1/2	986.63	1/2	625.39	1/2	263.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,701.76	3/4	1,340.19	3/4	979.12	3/4	617.85	3/4	256.31	3/4		3/4		3/4		3/4		3/4	
5	1,694.22	5	1,332.66	5	971.60	5	610.32	5	248.78	5		5		5		5		5	
1/4	1,686.69	1/4	1,325.13	1/4	964.09	1/4	602.79	1/4	241.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,679.16	1/2	1,317.59	1/2	956.58	1/2	595.26	1/2	233.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,671.62	3/4	1,310.06	3/4	949.06	3/4	587.73	3/4	226.18	3/4		3/4		3/4		3/4		3/4	
6	1,664.09	6	1,302.53	6	941.55	6	580.19	6	218.65	6		6		6		6		6	
1/4	1,656.56	1/4	1,294.99	1/4	934.04	1/4	572.66	1/4	211.12	1/4		1/4		1/4		1/4		1/4	
1/2	1,649.03	1/2	1,287.46	1/2	926.52	1/2	565.13	1/2	203.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,641.49	3/4	1,279.93	3/4	919.01	3/4	557.60	3/4	196.05	3/4		3/4		3/4		3/4		3/4	
7	1,633.96	7	1,272.40	7	911.50	7	550.06	7	188.52	7		7		7		7		7	
1/4	1,626.43	1/4	1,264.86	1/4	903.98	1/4	542.53	1/4	180.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,618.90	1/2	1,257.33	1/2	896.47	1/2	535.00	1/2	173.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,611.36	3/4	1,249.80	3/4	888.96	3/4	527.47	3/4	165.92	3/4		3/4		3/4		3/4		3/4	
8	1,603.83	8	1,242.27	8	881.45	8	519.94	8	158.39	8		8		8		8		8	
1/4	1,596.30	1/4	1,234.73	1/4	873.93	1/4	512.40	1/4	150.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,588.77	1/2	1,227.20	1/2	866.40	1/2	504.87	1/2	143.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,581.23	3/4	1,219.67	3/4	858.88	3/4	497.34	3/4	135.80	3/4		3/4		3/4		3/4		3/4	
9	1,573.70	9	1,212.14	9	851.35	9	489.81	9	128.27	9		9		9		9		9	
1/4	1,566.17	1/4	1,204.60	1/4	843.82	1/4	482.27	1/4	120.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,558.64	1/2	1,197.07	1/2	836.29	1/2	474.74	1/2	113.23	1/2		1/2		1/2		1/2		1/2	
3/4	1,551.10	3/4	1,189.54	3/4	828.76	3/4	467.21	3/4	105.71	3/4		3/4		3/4		3/4		3/4	
10	1,543.57	10	1,182.01	10	821.22	10	459.68	10	98.20	10		10		10		10		10	
1/4	1,536.04	1/4	1,174.47	1/4	813.69	1/4	452.15	1/4	90.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,528.51	1/2	1,166.96	1/2	806.16	1/2	444.61	1/2	83.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,520.97	3/4	1,159.44	3/4	798.63	3/4	437.08	3/4	75.98	3/4		3/4		3/4		3/4		3/4	
11	1,513.44	11	1,151.92	11	791.10	11	429.55	11	68.62	11		11		11		11		11	
1/4	1,505.91	1/4	1,144.40	1/4	783.56	1/4	422.02	1/4	61.27	1/4		1/4		1/4		1/4		1/4	
1/2	1,498.38	1/2	1,136.89	1/2	776.03	1/2	414.49	1/2	55.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,490.84	3/4	1,129.38	3/4	768.50	3/4	406.95	3/4	48.84	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2020 JS
CALCULATED: 04/08/2020 CL
PRINTED: 04/09/2020 SW

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020



BARGE "DBL 316"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	4,581.49	0	4,349.64	0	4,099.28	0	3,848.92	0	3,598.56	0	3,272.33	0	2,912.26	0	2,552.05	0	2,191.81
1/4		1/4	4,579.46	1/4	4,344.42	1/4	4,094.07	1/4	3,843.71	1/4	3,593.35	1/4	3,264.83	1/4	2,904.75	1/4	2,544.54	1/4	2,184.30
1/2		1/2	4,577.42	1/2	4,339.21	1/2	4,088.85	1/2	3,838.49	1/2	3,588.13	1/2	3,257.33	1/2	2,897.25	1/2	2,537.04	1/2	2,176.80
3/4		3/4	4,574.23	3/4	4,333.99	3/4	4,083.63	3/4	3,833.28	3/4	3,582.92	3/4	3,249.82	3/4	2,889.74	3/4	2,529.53	3/4	2,169.29
1		1	4,571.04	1	4,328.78	1	4,078.42	1	3,828.06	1	3,577.70	1	3,242.32	1	2,882.24	1	2,522.03	1	2,161.79
1/4		1/4	4,567.85	1/4	4,323.56	1/4	4,073.20	1/4	3,822.84	1/4	3,572.49	1/4	3,234.81	1/4	2,874.73	1/4	2,514.52	1/4	2,154.28
1/2		1/2	4,564.66	1/2	4,318.35	1/2	4,067.99	1/2	3,817.63	1/2	3,567.27	1/2	3,227.31	1/2	2,867.23	1/2	2,507.02	1/2	2,146.78
3/4		3/4	4,560.31	3/4	4,313.13	3/4	4,062.77	3/4	3,812.41	3/4	3,562.05	3/4	3,219.81	3/4	2,859.72	3/4	2,499.51	3/4	2,139.27
2		2	4,555.96	2	4,307.91	2	4,057.56	2	3,807.20	2	3,556.84	2	3,212.30	2	2,852.22	2	2,492.01	2	2,131.77
1/4		1/4	4,551.61	1/4	4,302.70	1/4	4,052.34	1/4	3,801.98	1/4	3,551.62	1/4	3,204.80	1/4	2,844.71	1/4	2,484.50	1/4	2,124.26
1/2		1/2	4,547.26	1/2	4,297.48	1/2	4,047.12	1/2	3,796.77	1/2	3,546.41	1/2	3,197.29	1/2	2,837.21	1/2	2,477.00	1/2	2,116.76
3/4		3/4	4,542.19	3/4	4,292.27	3/4	4,041.91	3/4	3,791.55	3/4	3,541.19	3/4	3,189.79	3/4	2,829.70	3/4	2,469.49	3/4	2,109.25
3		3	4,537.12	3	4,287.05	3	4,036.69	3	3,786.33	3	3,535.98	3	3,182.29	3	2,822.20	3	2,461.99	3	2,101.75
1/4		1/4	4,532.05	1/4	4,281.83	1/4	4,031.48	1/4	3,781.12	1/4	3,530.76	1/4	3,174.78	1/4	2,814.70	1/4	2,454.48	1/4	2,094.24
1/2		1/2	4,526.98	1/2	4,276.62	1/2	4,026.26	1/2	3,775.90	1/2	3,525.54	1/2	3,167.28	1/2	2,807.20	1/2	2,446.98	1/2	2,086.74
3/4		3/4	4,521.76	3/4	4,271.40	3/4	4,021.04	3/4	3,770.69	3/4	3,518.60	3/4	3,159.78	3/4	2,799.70	3/4	2,439.47	3/4	2,079.23
4		4	4,516.55	4	4,266.19	4	4,015.83	4	3,765.47	4	3,511.66	4	3,152.28	4	2,792.20	4	2,431.97	4	2,071.73
1/4		1/4	4,511.33	1/4	4,260.97	1/4	4,010.61	1/4	3,760.25	1/4	3,504.71	1/4	3,144.78	1/4	2,784.69	1/4	2,424.46	1/4	2,064.22
1/2		1/2	4,506.11	1/2	4,255.76	1/2	4,005.40	1/2	3,755.04	1/2	3,497.77	1/2	3,137.28	1/2	2,777.19	1/2	2,416.96	1/2	2,056.72
3/4		3/4	4,500.90	3/4	4,250.54	3/4	4,000.18	3/4	3,749.82	3/4	3,490.25	3/4	3,129.78	3/4	2,769.69	3/4	2,409.45	3/4	2,049.21
5		5	4,495.68	5	4,245.32	5	3,994.97	5	3,744.61	5	3,482.73	5	3,122.28	5	2,762.19	5	2,401.95	5	2,041.71
1/4		1/4	4,490.47	1/4	4,240.11	1/4	3,989.75	1/4	3,739.39	1/4	3,475.21	1/4	3,114.78	1/4	2,754.68	1/4	2,394.44	1/4	2,034.20
1/2		1/2	4,485.25	1/2	4,234.89	1/2	3,984.53	1/2	3,734.18	1/2	3,467.69	1/2	3,107.28	1/2	2,747.18	1/2	2,386.94	1/2	2,026.70
3/4		3/4	4,480.04	3/4	4,229.68	3/4	3,979.32	3/4	3,728.96	3/4	3,460.18	3/4	3,099.78	3/4	2,739.67	3/4	2,379.43	3/4	2,019.19
6		6	4,474.82	6	4,224.46	6	3,974.10	6	3,723.74	6	3,452.66	6	3,092.28	6	2,732.17	6	2,371.93	6	2,011.69
1/4		1/4	4,469.60	1/4	4,219.25	1/4	3,968.89	1/4	3,718.53	1/4	3,445.14	1/4	3,084.78	1/4	2,724.66	1/4	2,364.42	1/4	2,004.18
1/2		1/2	4,464.39	1/2	4,214.03	1/2	3,963.67	1/2	3,713.31	1/2	3,437.62	1/2	3,077.29	1/2	2,717.16	1/2	2,356.92	1/2	1,996.68
3/4		3/4	4,459.17	3/4	4,208.81	3/4	3,958.46	3/4	3,708.10	3/4	3,430.10	3/4	3,069.79	3/4	2,709.65	3/4	2,349.41	3/4	1,989.17
7		7	4,453.96	7	4,203.60	7	3,953.24	7	3,702.88	7	3,422.58	7	3,062.29	7	2,702.15	7	2,341.91	7	1,981.67
1/4		1/4	4,448.74	1/4	4,198.38	1/4	3,948.02	1/4	3,697.67	1/4	3,415.06	1/4	3,054.79	1/4	2,694.64	1/4	2,334.40	1/4	1,974.16
1/2		1/2	4,443.52	1/2	4,193.17	1/2	3,942.81	1/2	3,692.45	1/2	3,407.54	1/2	3,047.29	1/2	2,687.14	1/2	2,326.90	1/2	1,966.66
3/4		3/4	4,438.31	3/4	4,187.95	3/4	3,937.59	3/4	3,687.23	3/4	3,400.02	3/4	3,039.79	3/4	2,679.63	3/4	2,319.39	3/4	1,959.15
8		8	4,433.09	8	4,182.73	8	3,932.38	8	3,682.02	8	3,392.50	8	3,032.29	8	2,672.13	8	2,311.89	8	1,951.65
1/4		1/4	4,427.88	1/4	4,177.52	1/4	3,927.16	1/4	3,676.80	1/4	3,384.99	1/4	3,024.79	1/4	2,664.62	1/4	2,304.38	1/4	1,944.14
1/2		1/2	4,422.66	1/2	4,172.30	1/2	3,921.94	1/2	3,671.59	1/2	3,377.47	1/2	3,017.29	1/2	2,657.12	1/2	2,296.88	1/2	1,936.64
3/4		3/4	4,417.45	3/4	4,167.09	3/4	3,916.73	3/4	3,666.37	3/4	3,369.95	3/4	3,009.80	3/4	2,649.61	3/4	2,289.37	3/4	1,929.13
9		9	4,412.23	9	4,161.87	9	3,911.51	9	3,661.15	9	3,362.43	9	3,002.30	9	2,642.11	9	2,281.87	9	1,921.63
1/4		1/4	4,407.01	1/4	4,156.66	1/4	3,906.30	1/4	3,655.94	1/4	3,354.91	1/4	2,994.80	1/4	2,634.60	1/4	2,274.36	1/4	1,914.12
1/2		1/2	4,401.80	1/2	4,151.44	1/2	3,901.08	1/2	3,650.72	1/2	3,347.39	1/2	2,987.30	1/2	2,627.10	1/2	2,266.86	1/2	1,906.62
3/4		3/4	4,396.58	3/4	4,146.22	3/4	3,895.87	3/4	3,645.51	3/4	3,339.88	3/4	2,979.80	3/4	2,619.59	3/4	2,259.35	3/4	1,899.11
10		10	4,391.37	10	4,141.01	10	3,890.65	10	3,640.29	10	3,332.37	10	2,972.29	10	2,612.09	10	2,251.85	10	1,891.61
1/4		1/4	4,386.15	1/4	4,135.79	1/4	3,885.43	1/4	3,635.08	1/4	3,324.87	1/4	2,964.79	1/4	2,604.58	1/4	2,244.34	1/4	1,884.10
1/2		1/2	4,380.93	1/2	4,130.58	1/2	3,880.22	1/2	3,629.86	1/2	3,317.36	1/2	2,957.29	1/2	2,597.08	1/2	2,236.84	1/2	1,876.60
3/4		3/4	4,375.72	3/4	4,125.36	3/4	3,875.00	3/4	3,624.64	3/4	3,309.85	3/4	2,949.78	3/4	2,589.57	3/4	2,229.33	3/4	1,869.09
11		11	4,370.50	11	4,120.14	11	3,869.79	11	3,619.43	11	3,302.35	11	2,942.28	11	2,582.07	11	2,221.83	11	1,861.59
1/4		1/4	4,365.29	1/4	4,114.93	1/4	3,864.57	1/4	3,614.21	1/4	3,294.85	1/4	2,934.77	1/4	2,574.56	1/4	2,214.32	1/4	1,854.08
1/2	4,585.56	1/2	4,360.07	1/2	4,109.71	1/2	3,859.35	1/2	3,609.00	1/2	3,287.34	1/2	2,927.27	1/2	2,567.06	1/2	2,206.82	1/2	1,846.58
3/4	4,583.53	3/4	4,354.86	3/4	4,104.50	3/4	3,854.14	3/4	3,603.78	3/4	3,279.84	3/4	2,919.76	3/4	2,559.55	3/4	2,199.31	3/4	1,839.07

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 316"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,831.56	0	1,471.21	0	1,113.62	0	766.09	0	405.75	0	48.73	0		0		0		0	
1/4	1,824.05	1/4	1,463.70	1/4	1,106.45	1/4	758.58	1/4	398.24	1/4	42.53	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,816.55	1/2	1,456.20	1/2	1,099.28	1/2	751.07	1/2	390.74	1/2	36.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,809.04	3/4	1,448.69	3/4	1,092.11	3/4	743.57	3/4	383.23	3/4	31.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,801.53	1	1,441.18	1	1,084.94	1	736.06	1	375.72	1	27.13	1	1	1	1	1	1	1	1
1/4	1,794.02	1/4	1,433.67	1/4	1,077.77	1/4	728.55	1/4	368.22	1/4	22.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,786.52	1/2	1,426.17	1/2	1,070.60	1/2	721.05	1/2	360.71	1/2	17.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,779.01	3/4	1,418.66	3/4	1,063.43	3/4	713.54	3/4	353.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,771.50	2	1,411.15	2	1,056.26	2	706.03	2	345.70	2		2	2	2	2	2	2	2	2
1/4	1,764.00	1/4	1,403.65	1/4	1,049.09	1/4	698.52	1/4	338.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,756.49	1/2	1,396.14	1/2	1,041.92	1/2	691.02	1/2	330.68	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,748.98	3/4	1,388.63	3/4	1,034.75	3/4	683.51	3/4	323.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,741.47	3	1,381.12	3	1,027.58	3	676.00	3	315.67	3	3	3	3	3	3	3	3	3	3
1/4	1,733.97	1/4	1,373.62	1/4	1,020.41	1/4	668.50	1/4	308.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,726.46	1/2	1,366.11	1/2	1,013.24	1/2	660.99	1/2	300.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,718.95	3/4	1,358.60	3/4	1,006.07	3/4	653.48	3/4	293.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,711.44	4	1,351.09	4	998.90	4	645.98	4	285.64	4	4	4	4	4	4	4	4	4	4
1/4	1,703.94	1/4	1,343.59	1/4	991.73	1/4	638.47	1/4	278.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,696.43	1/2	1,336.08	1/2	984.56	1/2	630.96	1/2	270.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,688.92	3/4	1,328.57	3/4	977.39	3/4	623.45	3/4	263.12	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,681.42	5	1,321.07	5	970.22	5	615.95	5	255.61	5	5	5	5	5	5	5	5	5	5
1/4	1,673.91	1/4	1,313.56	1/4	963.05	1/4	608.44	1/4	248.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,666.40	1/2	1,306.05	1/2	955.88	1/2	600.93	1/2	240.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,658.89	3/4	1,298.54	3/4	948.70	3/4	593.43	3/4	233.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,651.39	6	1,291.04	6	941.53	6	585.92	6	225.58	6	6	6	6	6	6	6	6	6	6
1/4	1,643.88	1/4	1,283.53	1/4	934.36	1/4	578.41	1/4	218.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,636.37	1/2	1,276.02	1/2	927.19	1/2	570.91	1/2	210.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,628.86	3/4	1,268.51	3/4	920.02	3/4	563.40	3/4	203.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,621.36	7	1,261.01	7	912.85	7	555.89	7	195.56	7	7	7	7	7	7	7	7	7	7
1/4	1,613.85	1/4	1,253.50	1/4	905.68	1/4	548.38	1/4	188.05	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,606.34	1/2	1,245.99	1/2	898.51	1/2	540.88	1/2	180.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,598.84	3/4	1,238.48	3/4	891.34	3/4	533.37	3/4	173.03	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,591.33	8	1,230.98	8	884.16	8	525.86	8	165.53	8	8	8	8	8	8	8	8	8	8
1/4	1,583.82	1/4	1,223.47	1/4	876.98	1/4	518.36	1/4	158.02	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,576.31	1/2	1,215.96	1/2	869.81	1/2	510.85	1/2	150.51	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,568.81	3/4	1,208.46	3/4	862.58	3/4	503.34	3/4	143.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,561.30	9	1,200.95	9	855.35	9	495.84	9	135.51	9	9	9	9	9	9	9	9	9	9
1/4	1,553.79	1/4	1,193.44	1/4	848.12	1/4	488.33	1/4	128.00	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,546.28	1/2	1,185.93	1/2	840.90	1/2	480.82	1/2	120.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,538.78	3/4	1,178.63	3/4	833.46	3/4	473.31	3/4	113.00	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,531.27	10	1,171.32	10	826.01	10	465.81	10	105.50	10	10	10	10	10	10	10	10	10	10
1/4	1,523.76	1/4	1,164.02	1/4	818.57	1/4	458.30	1/4	98.00	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,516.25	1/2	1,156.72	1/2	811.13	1/2	450.79	1/2	90.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,508.75	3/4	1,149.53	3/4	803.62	3/4	443.29	3/4	83.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,501.24	11	1,142.34	11	796.12	11	435.78	11	75.82	11	11	11	11	11	11	11	11	11	11
1/4	1,493.73	1/4	1,135.15	1/4	788.61	1/4	428.27	1/4	68.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,486.23	1/2	1,127.96	1/2	781.10	1/2	420.77	1/2	61.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,478.72	3/4	1,120.79	3/4	773.59	3/4	413.26	3/4	54.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2020 JS
CALCULATED: 04/08/2020 CL
PRINTED: 04/09/2020 SW

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020



BARGE "DBL 316"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	4,586.76	0	4,355.83	0	4,106.44	0	3,857.05	0	3,607.66	0	3,282.39	0	2,922.61	0	2,562.83	0	2,203.05		
1/4		1/4	4,584.74	1/4	4,350.63	1/4	4,101.24	1/4	3,851.85	1/4	3,602.47	1/4	3,274.89	1/4	2,915.11	1/4	2,555.33	1/4	2,195.55		
1/2		1/2	4,582.71	1/2	4,345.44	1/2	4,096.05	1/2	3,846.66	1/2	3,597.27	1/2	3,267.40	1/2	2,907.62	1/2	2,547.84	1/2	2,188.06		
3/4		3/4	4,579.53	3/4	4,340.24	3/4	4,090.85	3/4	3,841.46	3/4	3,592.07	3/4	3,259.90	3/4	2,900.12	3/4	2,540.34	3/4	2,180.56		
1		1	4,576.36	1	4,335.05	1	4,085.66	1	3,836.27	1	3,586.88	1	3,252.41	1	2,892.63	1	2,532.85	1	2,173.07		
1/4		1/4	4,573.18	1/4	4,329.85	1/4	4,080.46	1/4	3,831.07	1/4	3,581.68	1/4	3,244.91	1/4	2,885.13	1/4	2,525.35	1/4	2,165.57		
1/2		1/2	4,570.00	1/2	4,324.65	1/2	4,075.27	1/2	3,825.88	1/2	3,576.49	1/2	3,237.41	1/2	2,877.64	1/2	2,517.86	1/2	2,158.08		
3/4		3/4	4,565.67	3/4	4,319.46	3/4	4,070.07	3/4	3,820.68	3/4	3,571.29	3/4	3,229.92	3/4	2,870.14	3/4	2,510.36	3/4	2,150.58		
2		2	4,561.34	2	4,314.26	2	4,064.87	2	3,815.49	2	3,566.10	2	3,222.42	2	2,862.64	2	2,502.87	2	2,143.09		
1/4		1/4	4,557.01	1/4	4,309.07	1/4	4,059.68	1/4	3,810.29	1/4	3,560.90	1/4	3,214.93	1/4	2,855.15	1/4	2,495.37	1/4	2,135.59		
1/2		1/2	4,552.68	1/2	4,303.87	1/2	4,054.48	1/2	3,805.09	1/2	3,555.71	1/2	3,207.43	1/2	2,847.65	1/2	2,487.87	1/2	2,128.10		
3/4		3/4	4,547.63	3/4	4,298.68	3/4	4,049.29	3/4	3,799.90	3/4	3,550.51	3/4	3,199.94	3/4	2,840.16	3/4	2,480.38	3/4	2,120.60		
3		3	4,542.58	3	4,293.48	3	4,044.09	3	3,794.70	3	3,545.31	3	3,192.44	3	2,832.66	3	2,472.88	3	2,113.10		
1/4		1/4	4,537.53	1/4	4,288.29	1/4	4,038.90	1/4	3,789.51	1/4	3,540.12	1/4	3,184.95	1/4	2,825.17	1/4	2,465.39	1/4	2,105.61		
1/2		1/2	4,532.48	1/2	4,283.09	1/2	4,033.70	1/2	3,784.31	1/2	3,534.92	1/2	3,177.45	1/2	2,817.67	1/2	2,457.89	1/2	2,098.11		
3/4		3/4	4,527.28	3/4	4,277.89	3/4	4,028.51	3/4	3,779.12	3/4	3,528.00	3/4	3,169.96	3/4	2,810.18	3/4	2,450.40	3/4	2,090.62		
4		4	4,522.09	4	4,272.70	4	4,023.31	4	3,773.92	4	3,521.09	4	3,162.46	4	2,802.68	4	2,442.90	4	2,083.12		
1/4		1/4	4,516.89	1/4	4,267.50	1/4	4,018.11	1/4	3,768.73	1/4	3,514.17	1/4	3,154.97	1/4	2,795.19	1/4	2,435.41	1/4	2,075.63		
1/2		1/2	4,511.70	1/2	4,262.31	1/2	4,012.92	1/2	3,763.53	1/2	3,507.25	1/2	3,147.47	1/2	2,787.69	1/2	2,427.91	1/2	2,068.13		
3/4		3/4	4,506.50	3/4	4,257.11	3/4	4,007.72	3/4	3,758.33	3/4	3,499.75	3/4	3,139.97	3/4	2,780.20	3/4	2,420.42	3/4	2,060.64		
5		5	4,501.30	5	4,251.92	5	4,002.53	5	3,753.14	5	3,492.26	5	3,132.48	5	2,772.70	5	2,412.92	5	2,053.14		
1/4		1/4	4,496.11	1/4	4,246.72	1/4	3,997.33	1/4	3,747.94	1/4	3,484.76	1/4	3,124.98	1/4	2,765.20	1/4	2,405.43	1/4	2,045.65		
1/2		1/2	4,490.91	1/2	4,241.52	1/2	3,992.14	1/2	3,742.75	1/2	3,477.27	1/2	3,117.49	1/2	2,757.71	1/2	2,397.93	1/2	2,038.15		
3/4		3/4	4,485.72	3/4	4,236.33	3/4	3,986.94	3/4	3,737.55	3/4	3,469.77	3/4	3,109.99	3/4	2,750.21	3/4	2,390.43	3/4	2,030.66		
6		6	4,480.52	6	4,231.13	6	3,981.74	6	3,732.36	6	3,462.28	6	3,102.50	6	2,742.72	6	2,382.94	6	2,023.16		
1/4		1/4	4,475.33	1/4	4,225.94	1/4	3,976.55	1/4	3,727.16	1/4	3,454.78	1/4	3,095.00	1/4	2,735.22	1/4	2,375.44	1/4	2,015.66		
1/2		1/2	4,470.13	1/2	4,220.74	1/2	3,971.35	1/2	3,721.96	1/2	3,447.29	1/2	3,087.51	1/2	2,727.73	1/2	2,367.95	1/2	2,008.17		
3/4		3/4	4,464.94	3/4	4,215.55	3/4	3,966.16	3/4	3,716.77	3/4	3,439.79	3/4	3,080.01	3/4	2,720.23	3/4	2,360.45	3/4	2,000.67		
7		7	4,459.74	7	4,210.35	7	3,960.96	7	3,711.57	7	3,432.30	7	3,072.52	7	2,712.74	7	2,352.96	7	1,993.18		
1/4		1/4	4,454.54	1/4	4,205.16	1/4	3,955.77	1/4	3,706.38	1/4	3,424.80	1/4	3,065.02	1/4	2,705.24	1/4	2,345.46	1/4	1,985.68		
1/2		1/2	4,449.35	1/2	4,199.96	1/2	3,950.57	1/2	3,701.18	1/2	3,417.30	1/2	3,057.53	1/2	2,697.75	1/2	2,337.97	1/2	1,978.19		
3/4		3/4	4,444.15	3/4	4,194.76	3/4	3,945.38	3/4	3,695.99	3/4	3,409.81	3/4	3,050.03	3/4	2,690.25	3/4	2,330.47	3/4	1,970.69		
8		8	4,438.96	8	4,189.57	8	3,940.18	8	3,690.79	8	3,402.31	8	3,042.53	8	2,682.76	8	2,322.98	8	1,963.20		
1/4		1/4	4,433.76	1/4	4,184.37	1/4	3,934.98	1/4	3,685.60	1/4	3,394.82	1/4	3,035.04	1/4	2,675.26	1/4	2,315.48	1/4	1,955.70		
1/2		1/2	4,428.57	1/2	4,179.18	1/2	3,929.79	1/2	3,680.40	1/2	3,387.32	1/2	3,027.54	1/2	2,667.76	1/2	2,307.99	1/2	1,948.21		
3/4		3/4	4,423.37	3/4	4,173.98	3/4	3,924.59	3/4	3,675.20	3/4	3,379.83	3/4	3,020.05	3/4	2,660.27	3/4	2,300.49	3/4	1,940.71		
9		9	4,418.18	9	4,168.79	9	3,919.40	9	3,670.01	9	3,372.33	9	3,012.55	9	2,652.77	9	2,292.99	9	1,933.22		
1/4		1/4	4,412.98	1/4	4,163.59	1/4	3,914.20	1/4	3,664.81	1/4	3,364.84	1/4	3,005.06	1/4	2,645.28	1/4	2,285.50	1/4	1,925.72		
1/2		1/2	4,407.78	1/2	4,158.40	1/2	3,909.01	1/2	3,659.62	1/2	3,357.34	1/2	2,997.56	1/2	2,637.78	1/2	2,278.00	1/2	1,918.22		
3/4		3/4	4,402.59	3/4	4,153.20	3/4	3,903.81	3/4	3,654.42	3/4	3,349.85	3/4	2,990.07	3/4	2,630.29	3/4	2,270.51	3/4	1,910.73		
10		10	4,397.39	10	4,148.00	10	3,898.62	10	3,649.23	10	3,342.35	10	2,982.57	10	2,622.79	10	2,263.01	10	1,903.23		
1/4		1/4	4,392.20	1/4	4,142.81	1/4	3,893.42	1/4	3,644.03	1/4	3,334.86	1/4	2,975.08	1/4	2,615.30	1/4	2,255.52	1/4	1,895.74		
1/2		1/2	4,387.00	1/2	4,137.61	1/2	3,888.22	1/2	3,638.84	1/2	3,327.36	1/2	2,967.58	1/2	2,607.80	1/2	2,248.02	1/2	1,888.24		
3/4		3/4	4,381.81	3/4	4,132.42	3/4	3,883.03	3/4	3,633.64	3/4	3,319.86	3/4	2,960.09	3/4	2,600.31	3/4	2,240.53	3/4	1,880.75		
11		11	4,376.61	11	4,127.22	11	3,877.83	11	3,628.44	11	3,312.37	11	2,952.59	11	2,592.81	11	2,233.03	11	1,873.25		
1/4		1/4	4,371.41	1/4	4,122.03	1/4	3,872.64	1/4	3,623.25	1/4	3,304.87	1/4	2,945.09	1/4	2,585.32	1/4	2,225.54	1/4	1,865.76		
1/2		1/2	4,590.81	1/2	4,366.22	1/2	4,116.83	1/2	3,867.44	1/2	3,618.05	1/2	3,297.38	1/2	2,937.60	1/2	2,577.82	1/2	2,218.04	1/2	1,858.26
3/4		3/4	4,588.79	3/4	4,361.02	3/4	4,111.63	3/4	3,862.25	3/4	3,612.86	3/4	3,289.88	3/4	2,930.10	3/4	2,570.32	3/4	2,210.55	3/4	1,850.77

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 316"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,843.27	0	1,483.49	0	1,123.81	0	764.71	0	404.95	0	48.59	0		0		0		0	
1/4	1,835.78	1/4	1,476.00	1/4	1,116.33	1/4	757.22	1/4	397.45	1/4	42.41	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,828.28	1/2	1,468.50	1/2	1,108.86	1/2	749.72	1/2	389.96	1/2	36.22	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,820.78	3/4	1,461.01	3/4	1,101.38	3/4	742.23	3/4	382.46	3/4	31.64	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,813.29	1	1,453.51	1	1,093.90	1	734.73	1	374.97	1	27.06	1	1	1	1	1	1	1	1
1/4	1,805.79	1/4	1,446.01	1/4	1,086.43	1/4	727.24	1/4	367.47	1/4	22.48	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,798.30	1/2	1,438.52	1/2	1,078.95	1/2	719.74	1/2	359.98	1/2	17.90	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,790.80	3/4	1,431.02	3/4	1,071.48	3/4	712.25	3/4	352.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,783.31	2	1,423.53	2	1,064.00	2	704.75	2	344.99	2		2	2	2	2	2	2	2	2
1/4	1,775.81	1/4	1,416.03	1/4	1,056.52	1/4	697.26	1/4	337.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,768.32	1/2	1,408.54	1/2	1,049.05	1/2	689.76	1/2	330.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,760.82	3/4	1,401.04	3/4	1,041.57	3/4	682.26	3/4	322.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,753.33	3	1,393.55	3	1,034.10	3	674.77	3	315.01	3		3	3	3	3	3	3	3	3
1/4	1,745.83	1/4	1,386.05	1/4	1,026.62	1/4	667.27	1/4	307.51	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,738.33	1/2	1,378.56	1/2	1,019.14	1/2	659.78	1/2	300.01	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,730.84	3/4	1,371.06	3/4	1,011.67	3/4	652.28	3/4	292.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,723.34	4	1,363.56	4	1,004.19	4	644.79	4	285.02	4		4	4	4	4	4	4	4	4
1/4	1,715.85	1/4	1,356.07	1/4	996.71	1/4	637.29	1/4	277.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,708.35	1/2	1,348.57	1/2	989.24	1/2	629.80	1/2	270.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,700.86	3/4	1,341.08	3/4	981.76	3/4	622.30	3/4	262.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,693.36	5	1,333.58	5	974.29	5	614.81	5	255.04	5		5	5	5	5	5	5	5	5
1/4	1,685.87	1/4	1,326.09	1/4	966.81	1/4	607.31	1/4	247.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,678.37	1/2	1,318.59	1/2	959.33	1/2	599.82	1/2	240.05	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,670.88	3/4	1,311.10	3/4	951.86	3/4	592.32	3/4	232.56	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,663.38	6	1,303.60	6	944.38	6	584.83	6	225.06	6		6	6	6	6	6	6	6	6
1/4	1,655.89	1/4	1,296.11	1/4	936.91	1/4	577.33	1/4	217.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,648.39	1/2	1,288.61	1/2	929.43	1/2	569.84	1/2	210.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,640.89	3/4	1,281.12	3/4	921.95	3/4	562.34	3/4	202.58	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,633.40	7	1,273.62	7	914.48	7	554.85	7	195.08	7		7	7	7	7	7	7	7	7
1/4	1,625.90	1/4	1,266.12	1/4	907.00	1/4	547.35	1/4	187.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,618.41	1/2	1,258.63	1/2	899.53	1/2	539.86	1/2	180.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,610.91	3/4	1,251.13	3/4	892.05	3/4	532.36	3/4	172.60	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,603.42	8	1,243.64	8	884.57	8	524.87	8	165.10	8		8	8	8	8	8	8	8	8
1/4	1,595.92	1/4	1,236.14	1/4	877.10	1/4	517.37	1/4	157.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,588.43	1/2	1,228.65	1/2	869.62	1/2	509.88	1/2	150.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,580.93	3/4	1,221.15	3/4	862.13	3/4	502.38	3/4	142.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,573.44	9	1,213.66	9	854.64	9	494.89	9	135.13	9		9	9	9	9	9	9	9	9
1/4	1,565.94	1/4	1,206.16	1/4	847.15	1/4	487.39	1/4	127.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,558.45	1/2	1,198.67	1/2	839.66	1/2	479.90	1/2	120.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,550.95	3/4	1,191.17	3/4	832.17	3/4	472.40	3/4	112.67	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,543.45	10	1,183.68	10	824.67	10	464.91	10	105.19	10		10	10	10	10	10	10	10	10
1/4	1,535.96	1/4	1,176.18	1/4	817.18	1/4	457.41	1/4	97.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,528.46	1/2	1,168.68	1/2	809.68	1/2	449.92	1/2	90.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,520.97	3/4	1,161.20	3/4	802.19	3/4	442.42	3/4	82.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,513.47	11	1,153.72	11	794.69	11	434.93	11	75.60	11		11	11	11	11	11	11	11	11
1/4	1,505.98	1/4	1,146.24	1/4	787.20	1/4	427.43	1/4	68.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,498.48	1/2	1,138.76	1/2	779.70	1/2	419.94	1/2	60.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,490.99	3/4	1,131.28	3/4	772.21	3/4	412.44	3/4	54.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/08/2020 JS
CALCULATED: 04/08/2020 CL
PRINTED: 04/09/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

