



BARGE "301"

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	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 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	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
4 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
4 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
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 = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

October 29, 2019

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"

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

<http://www.pmacorp.net>



BARGE "301"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07 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	406.34	0	250.44	0	94.54	0		0		0		0		0		0		0	
1/4	403.09	1/4	247.19	1/4	91.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	399.84	1/2	243.94	1/2	88.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	396.59	3/4	240.69	3/4	84.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	393.35	1	237.45	1	81.54	1		1		1		1		1		1		1	
1/4	390.10	1/4	234.20	1/4	78.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	386.85	1/2	230.95	1/2	75.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	383.60	3/4	227.70	3/4	71.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	380.36	2	224.46	2	68.55	2		2		2		2		2		2		2	
1/4	377.11	1/4	221.21	1/4	65.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	373.86	1/2	217.96	1/2	62.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	370.61	3/4	214.71	3/4	58.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	367.37	3	211.46	3	55.56	3		3		3		3		3		3		3	
1/4	364.12	1/4	208.21	1/4	52.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	360.87	1/2	204.96	1/2	49.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	357.62	3/4	201.71	3/4	45.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	354.38	4	198.47	4	42.57	4		4		4		4		4		4		4	
1/4	351.13	1/4	195.22	1/4	39.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	347.88	1/2	191.97	1/2	36.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	344.63	3/4	188.72	3/4	32.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	341.38	5	185.48	5	29.78	5		5		5		5		5		5		5	
1/4	338.13	1/4	182.23	1/4	26.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	334.88	1/2	178.98	1/2	23.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	331.63	3/4	175.73	3/4	20.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	328.39	6	172.49	6	18.21	6		6		6		6		6		6		6	
1/4	325.14	1/4	169.24	1/4	15.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	321.89	1/2	165.99	1/2	12.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	318.64	3/4	162.74	3/4	11.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	315.40	7	159.50	7	9.28	7		7		7		7		7		7		7	
1/4	312.15	1/4	156.25	1/4	7.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	308.90	1/2	153.00	1/2	5.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	305.65	3/4	149.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	302.41	8	146.50	8		8		8		8		8		8		8		8	
1/4	299.16	1/4	143.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	295.91	1/2	140.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	292.66	3/4	136.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	289.42	9	133.51	9		9		9		9		9		9		9		9	
1/4	286.17	1/4	130.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	282.92	1/2	127.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	279.67	3/4	123.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	276.42	10	120.52	10		10		10		10		10		10		10		10	
1/4	273.17	1/4	117.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	269.92	1/2	114.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	266.67	3/4	110.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	263.43	11	107.53	11		11		11		11		11		11		11		11	
1/4	260.18	1/4	104.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	256.93	1/2	101.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253.68	3/4	97.78	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: 12/21/2001 ITS
RECALCULATED: 10/29/2019 PMA
REPRINTED: 10/29/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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BARGE "301"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07 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	406.34	0	250.44	0	94.54	0		0		0		0		0		0		0	
1/4	403.09	1/4	247.19	1/4	91.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	399.84	1/2	243.94	1/2	88.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	396.59	3/4	240.69	3/4	84.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	393.35	1	237.45	1	81.54	1		1		1		1		1		1		1	
1/4	390.10	1/4	234.20	1/4	78.29	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	386.85	1/2	230.95	1/2	75.04	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	383.60	3/4	227.70	3/4	71.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	380.36	2	224.46	2	68.55	2		2		2		2		2		2		2	
1/4	377.11	1/4	221.21	1/4	65.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	373.86	1/2	217.96	1/2	62.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	370.61	3/4	214.71	3/4	58.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	367.37	3	211.46	3	55.56	3		3		3		3		3		3		3	
1/4	364.12	1/4	208.21	1/4	52.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	360.87	1/2	204.96	1/2	49.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	357.62	3/4	201.71	3/4	45.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	354.38	4	198.47	4	42.57	4		4		4		4		4		4		4	
1/4	351.13	1/4	195.22	1/4	39.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	347.88	1/2	191.97	1/2	36.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	344.63	3/4	188.72	3/4	32.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	341.38	5	185.48	5	29.78	5		5		5		5		5		5		5	
1/4	338.13	1/4	182.23	1/4	26.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	334.88	1/2	178.98	1/2	23.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	331.63	3/4	175.73	3/4	20.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	328.39	6	172.49	6	18.21	6		6		6		6		6		6		6	
1/4	325.14	1/4	169.24	1/4	15.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	321.89	1/2	165.99	1/2	12.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	318.64	3/4	162.74	3/4	11.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	315.40	7	159.50	7	9.28	7		7		7		7		7		7		7	
1/4	312.15	1/4	156.25	1/4	7.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	308.90	1/2	153.00	1/2	5.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	305.65	3/4	149.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	302.41	8	146.50	8		8		8		8		8		8		8		8	
1/4	299.16	1/4	143.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	295.91	1/2	140.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	292.66	3/4	136.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	289.42	9	133.51	9		9		9		9		9		9		9		9	
1/4	286.17	1/4	130.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	282.92	1/2	127.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	279.67	3/4	123.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	276.42	10	120.52	10		10		10		10		10		10		10		10	
1/4	273.17	1/4	117.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	269.92	1/2	114.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	266.67	3/4	110.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	263.43	11	107.53	11		11		11		11		11		11		11		11	
1/4	260.18	1/4	104.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	256.93	1/2	101.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253.68	3/4	97.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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BARGE "301"

2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 12'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		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	
1/2		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	
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	
1/2		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	
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	
1/2		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		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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	

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 WITH "HERMETIC CLOSED GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-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 "301"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	405.76	0	251.29	0	96.86	0		0		0		0		0		0		0	
1/4	402.54	1/4	248.08	1/4	93.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	399.32	1/2	244.86	1/2	90.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	396.10	3/4	241.64	3/4	87.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	392.88	1	238.42	1	83.96	1		1		1		1		1		1		1	
1/4	389.67	1/4	235.21	1/4	80.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	386.45	1/2	231.99	1/2	77.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	383.23	3/4	228.77	3/4	74.30	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	380.01	2	225.55	2	71.08	2		2		2		2		2		2		2	
1/4	376.80	1/4	222.34	1/4	67.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	373.58	1/2	219.12	1/2	64.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	370.36	3/4	215.90	3/4	61.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	367.14	3	212.68	3	58.21	3		3		3		3		3		3		3	
1/4	363.93	1/4	209.46	1/4	55.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	360.71	1/2	206.24	1/2	51.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	357.49	3/4	203.02	3/4	48.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	354.27	4	199.80	4	45.34	4		4		4		4		4		4		4	
1/4	351.06	1/4	196.59	1/4	42.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	347.84	1/2	193.37	1/2	38.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	344.62	3/4	190.15	3/4	35.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	341.40	5	186.93	5	32.57	5		5		5		5		5		5		5	
1/4	338.18	1/4	183.72	1/4	29.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	334.96	1/2	180.50	1/2	26.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	331.74	3/4	177.28	3/4	23.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	328.52	6	174.06	6	20.61	6		6		6		6		6		6		6	
1/4	325.31	1/4	170.85	1/4	17.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	322.09	1/2	167.63	1/2	15.38	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	318.87	3/4	164.41	3/4	12.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	315.65	7	161.19	7	10.95	7		7		7		7		7		7		7	
1/4	312.44	1/4	157.98	1/4	9.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	309.22	1/2	154.76	1/2	7.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	306.00	3/4	151.54	3/4	5.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	302.78	8	148.32	8		8		8		8		8		8		8		8	
1/4	299.57	1/4	145.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	296.35	1/2	141.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	293.13	3/4	138.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	289.91	9	135.44	9		9		9		9		9		9		9		9	
1/4	286.70	1/4	132.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	283.48	1/2	129.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	280.26	3/4	125.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	277.04	10	122.57	10		10		10		10		10		10		10		10	
1/4	273.82	1/4	119.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	270.60	1/2	116.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	267.38	3/4	112.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	264.16	11	109.71	11		11		11		11		11		11		11		11	
1/4	260.95	1/4	106.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	257.73	1/2	103.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	254.51	3/4	100.09	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: 12/21/2001 ITS
RECALCULATED: 10/29/2019 PMA
REPRINTED: 10/29/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "301"

2 STBD ULLAGE TABLE HERMETIC GAUGE HEIGHT 12'-08"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC CLOSED GAUGING DEVICE
GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-06" FORWARD OF AFT BULKHEAD.

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BARGE "301"

2 STBD ULLAGE TABLE HERMETIC

GAUGE HEIGHT 12'-08"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	408.98	0	254.51	0	100.09	0		0		0		0		0		0		0	
1/4	405.76	1/4	251.29	1/4	96.86	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	402.54	1/2	248.08	1/2	93.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	399.32	3/4	244.86	3/4	90.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	396.10	1	241.64	1	87.18	1		1		1		1		1		1		1	
1/4	392.88	1/4	238.42	1/4	83.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	389.67	1/2	235.21	1/2	80.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	386.45	3/4	231.99	3/4	77.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	383.23	2	228.77	2	74.30	2		2		2		2		2		2		2	
1/4	380.01	1/4	225.55	1/4	71.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	376.80	1/2	222.34	1/2	67.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	373.58	3/4	219.12	3/4	64.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	370.36	3	215.90	3	61.43	3		3		3		3		3		3		3	
1/4	367.14	1/4	212.68	1/4	58.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	363.93	1/2	209.46	1/2	55.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	360.71	3/4	206.24	3/4	51.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	357.49	4	203.02	4	48.56	4		4		4		4		4		4		4	
1/4	354.27	1/4	199.80	1/4	45.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	351.06	1/2	196.59	1/2	42.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	347.84	3/4	193.37	3/4	38.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	344.62	5	190.15	5	35.69	5		5		5		5		5		5		5	
1/4	341.40	1/4	186.93	1/4	32.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	338.18	1/2	183.72	1/2	29.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	334.96	3/4	180.50	3/4	26.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	331.74	6	177.28	6	23.22	6		6		6		6		6		6		6	
1/4	328.52	1/4	174.06	1/4	20.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	325.31	1/2	170.85	1/2	17.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	322.09	3/4	167.63	3/4	15.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	318.87	7	164.41	7	12.76	7		7		7		7		7		7		7	
1/4	315.65	1/4	161.19	1/4	10.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	312.44	1/2	157.98	1/2	9.14	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	309.22	3/4	154.76	3/4	7.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	306.00	8	151.54	8	5.57	8		8		8		8		8		8		8	
1/4	302.78	1/4	148.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	299.57	1/2	145.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	296.35	3/4	141.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	293.13	9	138.66	9		9		9		9		9		9		9		9	
1/4	289.91	1/4	135.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	286.70	1/2	132.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	283.48	3/4	129.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	280.26	10	125.79	10		10		10		10		10		10		10		10	
1/4	277.04	1/4	122.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	273.82	1/2	119.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	270.60	3/4	116.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	267.38	11	112.92	11		11		11		11		11		11		11		11	
1/4	264.16	1/4	109.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	260.95	1/2	106.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257.73	3/4	103.30	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: 12/21/2001 ITS
RECALCULATED: 10/29/2019 PMA
REPRINTED: 10/29/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "301"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 12'-08"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	409.29	0	254.73	0	100.17	0		0		0		0		0		0		0	
1/4	406.07	1/4	251.51	1/4	96.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	402.85	1/2	248.29	1/2	93.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	399.63	3/4	245.07	3/4	90.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	396.41	1	241.85	1	87.29	1		1		1		1		1		1		1	
1/4	393.19	1/4	238.63	1/4	84.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	389.97	1/2	235.41	1/2	80.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	386.75	3/4	232.19	3/4	77.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	383.53	2	228.97	2	74.41	2		2		2		2		2		2		2	
1/4	380.31	1/4	225.75	1/4	71.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	377.09	1/2	222.53	1/2	67.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	373.87	3/4	219.31	3/4	64.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	370.65	3	216.09	3	61.53	3		3		3		3		3		3		3	
1/4	367.43	1/4	212.87	1/4	58.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	364.21	1/2	209.65	1/2	55.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	360.99	3/4	206.43	3/4	51.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	357.77	4	203.21	4	48.65	4		4		4		4		4		4		4	
1/4	354.55	1/4	199.99	1/4	45.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	351.33	1/2	196.77	1/2	42.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	348.11	3/4	193.55	3/4	38.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	344.89	5	190.33	5	35.77	5		5		5		5		5		5		5	
1/4	341.67	1/4	187.11	1/4	32.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	338.45	1/2	183.89	1/2	29.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	335.23	3/4	180.67	3/4	26.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	332.01	6	177.45	6	23.29	6		6		6		6		6		6		6	
1/4	328.79	1/4	174.23	1/4	20.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	325.57	1/2	171.01	1/2	18.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	322.35	3/4	167.79	3/4	15.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	319.13	7	164.57	7	12.82	7		7		7		7		7		7		7	
1/4	315.91	1/4	161.35	1/4	11.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	312.69	1/2	158.13	1/2	9.19	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	309.47	3/4	154.91	3/4	7.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	306.25	8	151.69	8	5.57	8		8		8		8		8		8		8	
1/4	303.03	1/4	148.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	299.81	1/2	145.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	296.59	3/4	142.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	293.37	9	138.81	9		9		9		9		9		9		9		9	
1/4	290.15	1/4	135.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	286.93	1/2	132.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	283.71	3/4	129.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	280.49	10	125.93	10		10		10		10		10		10		10		10	
1/4	277.27	1/4	122.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	274.05	1/2	119.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	270.83	3/4	116.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	267.61	11	113.05	11		11		11		11		11		11		11		11	
1/4	264.39	1/4	109.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	261.17	1/2	106.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257.95	3/4	103.39	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: 12/21/2001 ITS
RECALCULATED: 10/29/2019 PMA
REPRINTED: 10/29/2019 PMA

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ALL PRIOR TO 10/2019

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



BARGE "301"

3 STBD ULLAGE TABLE HERMETIC GAUGE HEIGHT 12'-08"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	409.29	0	254.73	0	100.17	0		0		0		0		0		0		0	
1/4	406.07	1/4	251.51	1/4	96.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	402.85	1/2	248.29	1/2	93.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	399.63	3/4	245.07	3/4	90.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	396.41	1	241.85	1	87.29	1		1		1		1		1		1		1	
1/4	393.19	1/4	238.63	1/4	84.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	389.97	1/2	235.41	1/2	80.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	386.75	3/4	232.19	3/4	77.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	383.53	2	228.97	2	74.41	2		2		2		2		2		2		2	
1/4	380.31	1/4	225.75	1/4	71.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	377.09	1/2	222.53	1/2	67.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	373.87	3/4	219.31	3/4	64.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	370.65	3	216.09	3	61.53	3		3		3		3		3		3		3	
1/4	367.43	1/4	212.87	1/4	58.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	364.21	1/2	209.65	1/2	55.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	360.99	3/4	206.43	3/4	51.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	357.77	4	203.21	4	48.65	4		4		4		4		4		4		4	
1/4	354.55	1/4	199.99	1/4	45.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	351.33	1/2	196.77	1/2	42.21	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	348.11	3/4	193.55	3/4	38.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	344.89	5	190.33	5	35.77	5		5		5		5		5		5		5	
1/4	341.67	1/4	187.11	1/4	32.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	338.45	1/2	183.89	1/2	29.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	335.23	3/4	180.67	3/4	26.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	332.01	6	177.45	6	23.29	6		6		6		6		6		6		6	
1/4	328.79	1/4	174.23	1/4	20.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	325.57	1/2	171.01	1/2	18.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	322.35	3/4	167.79	3/4	15.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	319.13	7	164.57	7	12.82	7		7		7		7		7		7		7	
1/4	315.91	1/4	161.35	1/4	11.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	312.69	1/2	158.13	1/2	9.19	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	309.47	3/4	154.91	3/4	7.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	306.25	8	151.69	8	5.57	8		8		8		8		8		8		8	
1/4	303.03	1/4	148.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	299.81	1/2	145.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	296.59	3/4	142.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	293.37	9	138.81	9		9		9		9		9		9		9		9	
1/4	290.15	1/4	135.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	286.93	1/2	132.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	283.71	3/4	129.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	280.49	10	125.93	10		10		10		10		10		10		10		10	
1/4	277.27	1/4	122.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	274.05	1/2	119.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	270.83	3/4	116.27	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	267.61	11	113.05	11		11		11		11		11		11		11		11	
1/4	264.39	1/4	109.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	261.17	1/2	106.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257.95	3/4	103.39	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: 12/21/2001 ITS
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ALL PRIOR TO 10/2019

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P.O. Box 2092
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BARGE "301"

4 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 12'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

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 WITH "HERMETIC CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 19'-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 "301"

4 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 12'-07 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	408.77	0	254.41	0	100.04	0		0		0		0		0		0		0	
1/4	405.56	1/4	251.19	1/4	96.82	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	402.34	1/2	247.98	1/2	93.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	399.12	3/4	244.76	3/4	90.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	395.91	1	241.54	1	87.17	1		1		1		1		1		1		1	
1/4	392.69	1/4	238.33	1/4	83.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	389.48	1/2	235.11	1/2	80.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	386.26	3/4	231.89	3/4	77.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	383.05	2	228.68	2	74.31	2		2		2		2		2		2		2	
1/4	379.83	1/4	225.46	1/4	71.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	376.62	1/2	222.25	1/2	67.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	373.40	3/4	219.03	3/4	64.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	370.18	3	215.81	3	61.45	3		3		3		3		3		3		3	
1/4	366.97	1/4	212.60	1/4	58.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	363.75	1/2	209.38	1/2	55.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	360.54	3/4	206.16	3/4	51.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	357.32	4	202.95	4	48.58	4		4		4		4		4		4		4	
1/4	354.10	1/4	199.73	1/4	45.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	350.89	1/2	196.52	1/2	42.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	347.67	3/4	193.30	3/4	38.93	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	344.45	5	190.09	5	35.72	5		5		5		5		5		5		5	
1/4	341.24	1/4	186.87	1/4	32.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	338.02	1/2	183.66	1/2	29.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	334.80	3/4	180.44	3/4	26.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	331.59	6	177.22	6	23.26	6		6		6		6		6		6		6	
1/4	328.37	1/4	174.01	1/4	20.44	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	325.16	1/2	170.79	1/2	17.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	321.94	3/4	167.57	3/4	14.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	318.73	7	164.36	7	12.80	7		7		7		7		7		7		7	
1/4	315.51	1/4	161.14	1/4	10.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	312.30	1/2	157.93	1/2	8.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	309.08	3/4	154.71	3/4	6.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	305.86	8	151.49	8		8		8		8		8		8		8		8	
1/4	302.65	1/4	148.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	299.43	1/2	145.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	296.21	3/4	141.84	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	293.00	9	138.63	9		9		9		9		9		9		9		9	
1/4	289.78	1/4	135.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	286.57	1/2	132.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	283.35	3/4	128.98	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	280.13	10	125.77	10		10		10		10		10		10		10		10	
1/4	276.92	1/4	122.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	273.70	1/2	119.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	270.48	3/4	116.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	267.27	11	112.90	11		11		11		11		11		11		11		11	
1/4	264.05	1/4	109.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	260.84	1/2	106.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257.62	3/4	103.25	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: 12/21/2001 ITS
RECALCULATED: 10/29/2019 PMA
REPRINTED: 10/29/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "301"

4 STBD ULLAGE TABLE HERMETIC GAUGE HEIGHT 12'-08"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	411.99	0	257.62	0	103.25	0		0		0		0		0		0		0	
1/4	408.77	1/4	254.41	1/4	100.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	405.56	1/2	251.19	1/2	96.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402.34	3/4	247.98	3/4	93.61	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	399.12	1	244.76	1	90.39	1		1		1		1		1		1		1	
1/4	395.91	1/4	241.54	1/4	87.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	392.69	1/2	238.33	1/2	83.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	389.48	3/4	235.11	3/4	80.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	386.26	2	231.89	2	77.52	2		2		2		2		2		2		2	
1/4	383.05	1/4	228.68	1/4	74.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	379.83	1/2	225.46	1/2	71.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	376.62	3/4	222.25	3/4	67.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	373.40	3	219.03	3	64.66	3		3		3		3		3		3		3	
1/4	370.18	1/4	215.81	1/4	61.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	366.97	1/2	212.60	1/2	58.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	363.75	3/4	209.38	3/4	55.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	360.54	4	206.16	4	51.80	4		4		4		4		4		4		4	
1/4	357.32	1/4	202.95	1/4	48.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	354.10	1/2	199.73	1/2	45.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	350.89	3/4	196.52	3/4	42.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	347.67	5	193.30	5	38.93	5		5		5		5		5		5		5	
1/4	344.45	1/4	190.09	1/4	35.72	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	341.24	1/2	186.87	1/2	32.50	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	338.02	3/4	183.66	3/4	29.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	334.80	6	180.44	6	26.07	6		6		6		6		6		6		6	
1/4	331.59	1/4	177.22	1/4	23.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	328.37	1/2	174.01	1/2	20.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	325.16	3/4	170.79	3/4	17.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	321.94	7	167.57	7	14.81	7		7		7		7		7		7		7	
1/4	318.73	1/4	164.36	1/4	12.80	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	315.51	1/2	161.14	1/2	10.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	312.30	3/4	157.93	3/4	8.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	309.08	8	154.71	8	6.77	8		8		8		8		8		8		8	
1/4	305.86	1/4	151.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	302.65	1/2	148.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	299.43	3/4	145.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	296.21	9	141.84	9		9		9		9		9		9		9		9	
1/4	293.00	1/4	138.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	289.78	1/2	135.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	286.57	3/4	132.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	283.35	10	128.98	10		10		10		10		10		10		10		10	
1/4	280.13	1/4	125.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	276.92	1/2	122.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	273.70	3/4	119.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	270.48	11	116.12	11		11		11		11		11		11		11		11	
1/4	267.27	1/4	112.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	264.05	1/2	109.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	260.84	3/4	106.47	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: 12/21/2001 ITS
RECALCULATED: 10/29/2019 PMA
REPRINTED: 10/29/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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



BARGE "301"

5 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07 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	470.32	0	291.28	0	112.24	0		0		0		0		0		0		0	
1/4	466.59	1/4	287.55	1/4	108.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	462.86	1/2	283.82	1/2	104.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	459.13	3/4	280.09	3/4	101.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	455.40	1	276.36	1	97.32	1		1		1		1		1		1		1	
1/4	451.67	1/4	272.63	1/4	93.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	447.94	1/2	268.90	1/2	89.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	444.21	3/4	265.17	3/4	86.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	440.48	2	261.44	2	82.40	2		2		2		2		2		2		2	
1/4	436.75	1/4	257.71	1/4	78.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	433.02	1/2	253.98	1/2	74.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	429.29	3/4	250.25	3/4	71.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	425.56	3	246.52	3	67.48	3		3		3		3		3		3		3	
1/4	421.83	1/4	242.79	1/4	63.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	418.10	1/2	239.06	1/2	60.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	414.37	3/4	235.33	3/4	56.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	410.64	4	231.60	4	52.56	4		4		4		4		4		4		4	
1/4	406.91	1/4	227.87	1/4	48.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	403.18	1/2	224.14	1/2	45.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	399.45	3/4	220.41	3/4	41.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	395.72	5	216.68	5	37.64	5		5		5		5		5		5		5	
1/4	391.99	1/4	212.95	1/4	33.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	388.26	1/2	209.22	1/2	30.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	384.53	3/4	205.49	3/4	26.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	380.80	6	201.76	6	23.65	6		6		6		6		6		6		6	
1/4	377.07	1/4	198.03	1/4	20.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	373.34	1/2	194.30	1/2	17.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	369.61	3/4	190.57	3/4	14.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	365.88	7	186.84	7	12.46	7		7		7		7		7		7		7	
1/4	362.15	1/4	183.11	1/4	10.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	358.42	1/2	179.38	1/2	7.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	354.69	3/4	175.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	350.96	8	171.92	8		8		8		8		8		8		8		8	
1/4	347.23	1/4	168.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	343.50	1/2	164.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	339.77	3/4	160.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	336.04	9	157.00	9		9		9		9		9		9		9		9	
1/4	332.31	1/4	153.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	328.58	1/2	149.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	324.85	3/4	145.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	321.12	10	142.08	10		10		10		10		10		10		10		10	
1/4	317.39	1/4	138.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	313.66	1/2	134.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	309.93	3/4	130.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	306.20	11	127.16	11		11		11		11		11		11		11		11	
1/4	302.47	1/4	123.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	298.74	1/2	119.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	295.01	3/4	115.97	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: 12/21/2001 ITS
 RECALCULATED: 10/29/2019 PMA
 REPRINTED: 10/29/2019 PMA

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2019

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



BARGE "301"

5 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
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	
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	1
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	
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	2	2
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		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	3	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	
1/2		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	
4	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	
1/2		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	
5	5	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	
1/2		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	
6	6	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	
1/2		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	
7	7	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	
1/2		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	
8	8	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	
1/2		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	
9	9	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	
1/2		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	
10	10	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	
1/2		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	
11	11	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	
1/2		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	
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
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	
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 WITH "HERMETIC CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 10'-00" OFF CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "301"

5 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 12'-07 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	470.32	0	291.28	0	112.24	0		0		0		0		0		0		0	
1/4	466.59	1/4	287.55	1/4	108.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	462.86	1/2	283.82	1/2	104.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	459.13	3/4	280.09	3/4	101.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	455.40	1	276.36	1	97.32	1		1		1		1		1		1		1	
1/4	451.67	1/4	272.63	1/4	93.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	447.94	1/2	268.90	1/2	89.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	444.21	3/4	265.17	3/4	86.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	440.48	2	261.44	2	82.40	2		2		2		2		2		2		2	
1/4	436.75	1/4	257.71	1/4	78.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	433.02	1/2	253.98	1/2	74.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	429.29	3/4	250.25	3/4	71.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	425.56	3	246.52	3	67.48	3		3		3		3		3		3		3	
1/4	421.83	1/4	242.79	1/4	63.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	418.10	1/2	239.06	1/2	60.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	414.37	3/4	235.33	3/4	56.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	410.64	4	231.60	4	52.56	4		4		4		4		4		4		4	
1/4	406.91	1/4	227.87	1/4	48.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	403.18	1/2	224.14	1/2	45.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	399.45	3/4	220.41	3/4	41.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	395.72	5	216.68	5	37.64	5		5		5		5		5		5		5	
1/4	391.99	1/4	212.95	1/4	33.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	388.26	1/2	209.22	1/2	30.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	384.53	3/4	205.49	3/4	26.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	380.80	6	201.76	6	23.65	6		6		6		6		6		6		6	
1/4	377.07	1/4	198.03	1/4	20.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	373.34	1/2	194.30	1/2	17.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	369.61	3/4	190.57	3/4	14.79	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	365.88	7	186.84	7	12.46	7		7		7		7		7		7		7	
1/4	362.15	1/4	183.11	1/4	10.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	358.42	1/2	179.38	1/2	7.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	354.69	3/4	175.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	350.96	8	171.92	8		8		8		8		8		8		8		8	
1/4	347.23	1/4	168.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	343.50	1/2	164.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	339.77	3/4	160.73	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	336.04	9	157.00	9		9		9		9		9		9		9		9	
1/4	332.31	1/4	153.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	328.58	1/2	149.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	324.85	3/4	145.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	321.12	10	142.08	10		10		10		10		10		10		10		10	
1/4	317.39	1/4	138.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	313.66	1/2	134.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	309.93	3/4	130.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	306.20	11	127.16	11		11		11		11		11		11		11		11	
1/4	302.47	1/4	123.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	298.74	1/2	119.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	295.01	3/4	115.97	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: 12/21/2001 ITS
RECALCULATED: 10/29/2019 PMA
REPRINTED: 10/29/2019 PMA

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2019

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