



BARGE "IB 1101"

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 CENTER	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 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
3 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

March 28, 2018

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

<http://www.pmacorp.net>



BARGE "IB 1101"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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		0	157,416	0	146,745	0	136,075	0	125,405	0	113,683	0	101,209	0	88,734	0	76,259
1/4		1/4		1/4	157,193	1/4	146,523	1/4	135,853	1/4	125,182	1/4	113,424	1/4	100,949	1/4	88,474	1/4	75,999
1/2		1/2	166,784	1/2	156,971	1/2	146,301	1/2	135,630	1/2	124,960	1/2	113,164	1/2	100,689	1/2	88,215	1/2	75,740
3/4		3/4	166,695	3/4	156,749	3/4	146,078	3/4	135,408	3/4	124,738	3/4	112,904	3/4	100,429	3/4	87,955	3/4	75,480
1		1	166,605	1	156,527	1	145,856	1	135,186	1	124,515	1	112,644	1	100,169	1	87,695	1	75,220
1/4		1/4	166,516	1/4	156,304	1/4	145,634	1/4	134,963	1/4	124,293	1/4	112,384	1/4	99,909	1/4	87,435	1/4	74,960
1/2		1/2	166,426	1/2	156,082	1/2	145,412	1/2	134,741	1/2	124,071	1/2	112,124	1/2	99,649	1/2	87,175	1/2	74,700
3/4		3/4	166,271	3/4	155,860	3/4	145,189	3/4	134,519	3/4	123,848	3/4	111,864	3/4	99,390	3/4	86,915	3/4	74,440
2		2	166,115	2	155,637	2	144,967	2	134,297	2	123,626	2	111,604	2	99,130	2	86,655	2	74,180
1/4		1/4	165,960	1/4	155,415	1/4	144,745	1/4	134,074	1/4	123,404	1/4	111,344	1/4	98,870	1/4	86,395	1/4	73,920
1/2		1/2	165,805	1/2	155,193	1/2	144,522	1/2	133,852	1/2	123,182	1/2	111,085	1/2	98,610	1/2	86,135	1/2	73,660
3/4		3/4	165,596	3/4	154,970	3/4	144,300	3/4	133,630	3/4	122,959	3/4	110,825	3/4	98,350	3/4	85,876	3/4	73,401
3		3	165,387	3	154,748	3	144,078	3	133,407	3	122,737	3	110,565	3	98,090	3	85,616	3	73,141
1/4		1/4	165,178	1/4	154,526	1/4	143,855	1/4	133,185	1/4	122,515	1/4	110,305	1/4	97,830	1/4	85,356	1/4	72,881
1/2		1/2	164,969	1/2	154,304	1/2	143,633	1/2	132,963	1/2	122,292	1/2	110,045	1/2	97,571	1/2	85,096	1/2	72,621
3/4		3/4	164,748	3/4	154,081	3/4	143,411	3/4	132,740	3/4	122,070	3/4	109,785	3/4	97,311	3/4	84,836	3/4	72,361
4		4	164,526	4	153,859	4	143,189	4	132,518	4	121,848	4	109,525	4	97,051	4	84,576	4	72,101
1/4		1/4	164,305	1/4	153,637	1/4	142,966	1/4	132,296	1/4	121,626	1/4	109,265	1/4	96,791	1/4	84,316	1/4	71,841
1/2		1/2	164,084	1/2	153,414	1/2	142,744	1/2	132,074	1/2	121,404	1/2	109,005	1/2	96,531	1/2	84,056	1/2	71,581
3/4		3/4	163,862	3/4	153,192	3/4	142,522	3/4	131,851	3/4	121,163	3/4	108,745	3/4	96,271	3/4	83,796	3/4	71,322
5		5	163,640	5	152,970	5	142,299	5	131,629	5	120,922	5	108,486	5	96,011	5	83,536	5	71,062
1/4		1/4	163,418	1/4	152,747	1/4	142,077	1/4	131,407	1/4	120,682	1/4	108,226	1/4	95,751	1/4	83,277	1/4	70,802
1/2		1/2	163,196	1/2	152,525	1/2	141,855	1/2	131,184	1/2	120,441	1/2	107,966	1/2	95,492	1/2	83,017	1/2	70,543
3/4		3/4	162,973	3/4	152,303	3/4	141,632	3/4	130,962	3/4	120,181	3/4	107,706	3/4	95,232	3/4	82,757	3/4	70,284
6		6	162,751	6	152,081	6	141,410	6	130,740	6	119,921	6	107,446	6	94,972	6	82,497	6	70,024
1/4		1/4	162,529	1/4	151,858	1/4	141,188	1/4	130,517	1/4	119,661	1/4	107,186	1/4	94,712	1/4	82,237	1/4	69,765
1/2		1/2	162,306	1/2	151,636	1/2	140,966	1/2	130,295	1/2	119,401	1/2	106,926	1/2	94,452	1/2	81,977	1/2	69,506
3/4		3/4	162,084	3/4	151,414	3/4	140,743	3/4	130,073	3/4	119,141	3/4	106,666	3/4	94,192	3/4	81,717	3/4	69,246
7		7	161,862	7	151,191	7	140,521	7	129,851	7	118,881	7	106,406	7	93,932	7	81,457	7	68,987
1/4		1/4	161,639	1/4	150,969	1/4	140,299	1/4	129,628	1/4	118,622	1/4	106,147	1/4	93,672	1/4	81,197	1/4	68,728
1/2		1/2	161,417	1/2	150,747	1/2	140,076	1/2	129,406	1/2	118,362	1/2	105,887	1/2	93,412	1/2	80,937	1/2	68,468
3/4		3/4	161,195	3/4	150,524	3/4	139,854	3/4	129,184	3/4	118,102	3/4	105,627	3/4	93,153	3/4	80,678	3/4	68,209
8		8	160,973	8	150,302	8	139,632	8	128,961	8	117,842	8	105,367	8	92,893	8	80,418	8	67,950
1/4		1/4	160,750	1/4	150,080	1/4	139,409	1/4	128,739	1/4	117,582	1/4	105,107	1/4	92,633	1/4	80,158	1/4	67,691
1/2		1/2	160,528	1/2	149,858	1/2	139,187	1/2	128,517	1/2	117,322	1/2	104,847	1/2	92,373	1/2	79,898	1/2	67,431
3/4		3/4	160,306	3/4	149,635	3/4	138,965	3/4	128,294	3/4	117,062	3/4	104,587	3/4	92,113	3/4	79,638	3/4	67,172
9		9	160,083	9	149,413	9	138,743	9	128,072	9	116,802	9	104,327	9	91,853	9	79,378	9	66,913
1/4		1/4	159,861	1/4	149,191	1/4	138,520	1/4	127,850	1/4	116,542	1/4	104,067	1/4	91,593	1/4	79,118	1/4	66,653
1/2		1/2	159,639	1/2	148,968	1/2	138,298	1/2	127,628	1/2	116,282	1/2	103,807	1/2	91,333	1/2	78,858	1/2	66,394
3/4		3/4	159,416	3/4	148,746	3/4	138,076	3/4	127,405	3/4	116,023	3/4	103,548	3/4	91,073	3/4	78,598	3/4	66,135
10		10	159,194	10	148,524	10	137,853	10	127,183	10	115,763	10	103,288	10	90,814	10	78,339	10	65,876
1/4		1/4	158,972	1/4	148,301	1/4	137,631	1/4	126,961	1/4	115,503	1/4	103,028	1/4	90,554	1/4	78,079	1/4	65,616
1/2		1/2	158,750	1/2	148,079	1/2	137,409	1/2	126,738	1/2	115,243	1/2	102,768	1/2	90,294	1/2	77,819	1/2	65,357
3/4		3/4	158,527	3/4	147,857	3/4	137,186	3/4	126,516	3/4	114,983	3/4	102,508	3/4	90,034	3/4	77,559	3/4	65,098
11		11	158,305	11	147,635	11	136,964	11	126,294	11	114,723	11	102,248	11	89,774	11	77,299	11	64,838
1/4		1/4	158,083	1/4	147,412	1/4	136,742	1/4	126,071	1/4	114,463	1/4	101,988	1/4	89,514	1/4	77,039	1/4	64,579
1/2		1/2	157,860	1/2	147,190	1/2	136,520	1/2	125,849	1/2	114,203	1/2	101,728	1/2	89,254	1/2	76,779	1/2	64,320
3/4		3/4	157,638	3/4	146,968	3/4	136,297	3/4	125,627	3/4	113,943	3/4	101,469	3/4	88,994	3/4	76,519	3/4	64,060

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 TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1101"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	63,801	0	51,338	0	38,894	0	26,648	0	14,173	0	1,769	0		0		0		0	
1/4	63,542	1/4	51,078	1/4	38,641	1/4	26,388	1/4	13,913	1/4	1,533	1/4		1/4		1/4		1/4	
1/2	63,283	1/2	50,819	1/2	38,387	1/2	26,129	1/2	13,653	1/2	1,297	1/2		1/2		1/2		1/2	
3/4	63,023	3/4	50,559	3/4	38,133	3/4	25,869	3/4	13,393	3/4	1,124	3/4		3/4		3/4		3/4	
1	62,764	1	50,299	1	37,880	1	25,609	1	13,133	1	950	1		1		1		1	
1/4	62,505	1/4	50,039	1/4	37,626	1/4	25,349	1/4	12,873	1/4	777	1/4		1/4		1/4		1/4	
1/2	62,245	1/2	49,779	1/2	37,373	1/2	25,089	1/2	12,613	1/2	603	1/2		1/2		1/2		1/2	
3/4	61,986	3/4	49,520	3/4	37,119	3/4	24,829	3/4	12,354	3/4	516	3/4		3/4		3/4		3/4	
2	61,727	2	49,260	2	36,866	2	24,569	2	12,094	2	430	2		2		2		2	
1/4	61,468	1/4	49,000	1/4	36,612	1/4	24,309	1/4	11,834	1/4	343	1/4		1/4		1/4		1/4	
1/2	61,208	1/2	48,740	1/2	36,359	1/2	24,049	1/2	11,574	1/2	256	1/2		1/2		1/2		1/2	
3/4	60,949	3/4	48,481	3/4	36,105	3/4	23,789	3/4	11,314	3/4		3/4		3/4		3/4		3/4	
3	60,689	3	48,221	3	35,852	3	23,530	3	11,054	3		3		3		3		3	
1/4	60,430	1/4	47,961	1/4	35,598	1/4	23,270	1/4	10,794	1/4		1/4		1/4		1/4		1/4	
1/2	60,170	1/2	47,701	1/2	35,345	1/2	23,010	1/2	10,534	1/2		1/2		1/2		1/2		1/2	
3/4	59,910	3/4	47,442	3/4	35,091	3/4	22,750	3/4	10,274	3/4		3/4		3/4		3/4		3/4	
4	59,651	4	47,182	4	34,838	4	22,490	4	10,014	4		4		4		4		4	
1/4	59,391	1/4	46,922	1/4	34,584	1/4	22,230	1/4	9,754	1/4		1/4		1/4		1/4		1/4	
1/2	59,131	1/2	46,662	1/2	34,331	1/2	21,970	1/2	9,494	1/2		1/2		1/2		1/2		1/2	
3/4	58,871	3/4	46,402	3/4	34,077	3/4	21,710	3/4	9,234	3/4		3/4		3/4		3/4		3/4	
5	58,612	5	46,143	5	33,824	5	21,450	5	8,974	5		5		5		5		5	
1/4	58,352	1/4	45,883	1/4	33,570	1/4	21,190	1/4	8,713	1/4		1/4		1/4		1/4		1/4	
1/2	58,092	1/2	45,623	1/2	33,317	1/2	20,930	1/2	8,453	1/2		1/2		1/2		1/2		1/2	
3/4	57,832	3/4	45,363	3/4	33,063	3/4	20,671	3/4	8,193	3/4		3/4		3/4		3/4		3/4	
6	57,572	6	45,104	6	32,809	6	20,411	6	7,933	6		6		6		6		6	
1/4	57,313	1/4	44,844	1/4	32,556	1/4	20,151	1/4	7,673	1/4		1/4		1/4		1/4		1/4	
1/2	57,053	1/2	44,584	1/2	32,302	1/2	19,891	1/2	7,413	1/2		1/2		1/2		1/2		1/2	
3/4	56,793	3/4	44,324	3/4	32,049	3/4	19,631	3/4	7,153	3/4		3/4		3/4		3/4		3/4	
7	56,533	7	44,065	7	31,795	7	19,371	7	6,893	7		7		7		7		7	
1/4	56,274	1/4	43,805	1/4	31,542	1/4	19,111	1/4	6,633	1/4		1/4		1/4		1/4		1/4	
1/2	56,014	1/2	43,545	1/2	31,288	1/2	18,851	1/2	6,373	1/2		1/2		1/2		1/2		1/2	
3/4	55,754	3/4	43,285	3/4	31,035	3/4	18,591	3/4	6,113	3/4		3/4		3/4		3/4		3/4	
8	55,494	8	43,025	8	30,781	8	18,331	8	5,854	8		8		8		8		8	
1/4	55,235	1/4	42,766	1/4	30,528	1/4	18,072	1/4	5,594	1/4		1/4		1/4		1/4		1/4	
1/2	54,975	1/2	42,506	1/2	30,274	1/2	17,812	1/2	5,334	1/2		1/2		1/2		1/2		1/2	
3/4	54,715	3/4	42,246	3/4	30,018	3/4	17,552	3/4	5,075	3/4		3/4		3/4		3/4		3/4	
9	54,455	9	41,986	9	29,761	9	17,292	9	4,816	9		9		9		9		9	
1/4	54,195	1/4	41,727	1/4	41,727	1/4	17,032	1/4	4,557	1/4		1/4		1/4		1/4		1/4	
1/2	53,936	1/2	41,467	1/2	29,247	1/2	16,772	1/2	4,297	1/2		1/2		1/2		1/2		1/2	
3/4	53,676	3/4	41,207	3/4	28,988	3/4	16,512	3/4	4,039	3/4		3/4		3/4		3/4		3/4	
10	53,416	10	40,947	10	28,728	10	16,252	10	3,781	10		10		10		10		10	
1/4	53,156	1/4	40,688	1/4	28,468	1/4	15,992	1/4	3,523	1/4		1/4		1/4		1/4		1/4	
1/2	52,897	1/2	40,428	1/2	28,208	1/2	15,732	1/2	3,265	1/2		1/2		1/2		1/2		1/2	
3/4	52,637	3/4	40,171	3/4	27,948	3/4	15,472	3/4	3,009	3/4		3/4		3/4		3/4		3/4	
11	52,377	11	39,915	11	27,688	11	15,213	11	2,753	11		11		11		11		11	
1/4	52,117	1/4	39,658	1/4	27,428	1/4	14,953	1/4	2,496	1/4		1/4		1/4		1/4		1/4	
1/2	51,858	1/2	39,401	1/2	27,168	1/2	14,693	1/2	2,240	1/2		1/2		1/2		1/2		1/2	
3/4	51,598	3/4	39,148	3/4	26,908	3/4	14,433	3/4	2,004	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 03/27/2018 CL
CALCULATED: 03/28/2018 CL
PRINTED: 03/29/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "IB 1101"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	144,782	0	133,748	0	122,714	0	111,680	0	100,647	0	89,613	0	78,579	0	67,545
1/4		1/4		1/4	144,552	1/4	133,518	1/4	122,484	1/4	111,451	1/4	100,417	1/4	89,383	1/4	78,349	1/4	67,315
1/2		1/2		1/2	144,322	1/2	133,288	1/2	122,255	1/2	111,221	1/2	100,187	1/2	89,153	1/2	78,119	1/2	67,085
3/4		3/4	154,302	3/4	144,092	3/4	133,059	3/4	122,025	3/4	110,991	3/4	99,957	3/4	88,923	3/4	77,889	3/4	66,855
1		1	154,206	1	143,863	1	132,829	1	121,795	1	110,761	1	99,727	1	88,693	1	77,659	1	66,625
1/4		1/4	154,110	1/4	143,633	1/4	132,599	1/4	121,565	1/4	110,531	1/4	99,497	1/4	88,463	1/4	77,429	1/4	66,396
1/2		1/2	154,015	1/2	143,403	1/2	132,369	1/2	121,335	1/2	110,301	1/2	99,267	1/2	88,233	1/2	77,200	1/2	66,166
3/4		3/4	153,919	3/4	143,173	3/4	132,139	3/4	121,105	3/4	110,071	3/4	99,037	3/4	88,004	3/4	76,970	3/4	65,936
2		2	153,748	2	142,943	2	131,909	2	120,875	2	109,841	2	98,808	2	87,774	2	76,740	2	65,706
1/4		1/4	153,577	1/4	142,713	1/4	131,679	1/4	120,645	1/4	109,612	1/4	98,578	1/4	87,544	1/4	76,510	1/4	65,476
1/2		1/2	153,406	1/2	142,483	1/2	131,449	1/2	120,416	1/2	109,382	1/2	98,348	1/2	87,314	1/2	76,280	1/2	65,246
3/4		3/4	153,236	3/4	142,253	3/4	131,220	3/4	120,186	3/4	109,152	3/4	98,118	3/4	87,084	3/4	76,050	3/4	65,016
3		3	153,018	3	142,024	3	130,990	3	119,956	3	108,922	3	97,888	3	86,854	3	75,820	3	64,786
1/4		1/4	152,800	1/4	141,794	1/4	130,760	1/4	119,726	1/4	108,692	1/4	97,658	1/4	86,624	1/4	75,590	1/4	64,557
1/2		1/2	152,582	1/2	141,564	1/2	130,530	1/2	119,496	1/2	108,462	1/2	97,428	1/2	86,394	1/2	75,361	1/2	64,327
3/4		3/4	152,364	3/4	141,334	3/4	130,300	3/4	119,266	3/4	108,232	3/4	97,198	3/4	86,165	3/4	75,131	3/4	64,097
4		4	152,135	4	141,104	4	130,070	4	119,036	4	108,002	4	96,969	4	85,935	4	74,901	4	63,867
1/4		1/4	151,906	1/4	140,874	1/4	129,840	1/4	118,806	1/4	107,773	1/4	96,739	1/4	85,705	1/4	74,671	1/4	63,637
1/2		1/2	151,676	1/2	140,644	1/2	129,610	1/2	118,577	1/2	107,543	1/2	96,509	1/2	85,475	1/2	74,441	1/2	63,407
3/4		3/4	151,447	3/4	140,414	3/4	129,381	3/4	118,347	3/4	107,313	3/4	96,279	3/4	85,245	3/4	74,211	3/4	63,177
5		5	151,218	5	140,185	5	129,151	5	118,117	5	107,083	5	96,049	5	85,015	5	73,981	5	62,947
1/4		1/4	150,988	1/4	139,955	1/4	128,921	1/4	117,887	1/4	106,853	1/4	95,819	1/4	84,785	1/4	73,752	1/4	62,718
1/2		1/2	150,758	1/2	139,725	1/2	128,691	1/2	117,657	1/2	106,623	1/2	95,589	1/2	84,556	1/2	73,522	1/2	62,488
3/4		3/4	150,529	3/4	139,495	3/4	128,461	3/4	117,427	3/4	106,393	3/4	95,360	3/4	84,326	3/4	73,292	3/4	62,258
6		6	150,299	6	139,265	6	128,231	6	117,197	6	106,164	6	95,130	6	84,096	6	73,062	6	62,028
1/4		1/4	150,069	1/4	139,035	1/4	128,001	1/4	116,968	1/4	105,934	1/4	94,900	1/4	83,866	1/4	72,832	1/4	61,798
1/2		1/2	149,839	1/2	138,805	1/2	127,772	1/2	116,738	1/2	105,704	1/2	94,670	1/2	83,636	1/2	72,602	1/2	61,568
3/4		3/4	149,609	3/4	138,576	3/4	127,542	3/4	116,508	3/4	105,474	3/4	94,440	3/4	83,406	3/4	72,372	3/4	61,338
7		7	149,380	7	138,346	7	127,312	7	116,278	7	105,244	7	94,210	7	83,176	7	72,142	7	61,109
1/4		1/4	149,150	1/4	138,116	1/4	127,082	1/4	116,048	1/4	105,014	1/4	93,980	1/4	82,946	1/4	71,913	1/4	60,879
1/2		1/2	148,920	1/2	137,886	1/2	126,852	1/2	115,818	1/2	104,784	1/2	93,750	1/2	82,717	1/2	71,683	1/2	60,649
3/4		3/4	148,690	3/4	137,656	3/4	126,622	3/4	115,588	3/4	104,554	3/4	93,521	3/4	82,487	3/4	71,453	3/4	60,419
8		8	148,460	8	137,426	8	126,392	8	115,358	8	104,325	8	93,291	8	82,257	8	71,223	8	60,189
1/4		1/4	148,230	1/4	137,196	1/4	126,162	1/4	115,129	1/4	104,095	1/4	93,061	1/4	82,027	1/4	70,993	1/4	59,959
1/2		1/2	148,000	1/2	136,966	1/2	125,933	1/2	114,899	1/2	103,865	1/2	92,831	1/2	81,797	1/2	70,763	1/2	59,729
3/4		3/4	147,770	3/4	136,737	3/4	125,703	3/4	114,669	3/4	103,635	3/4	92,601	3/4	81,567	3/4	70,533	3/4	59,499
9		9	147,541	9	136,507	9	125,473	9	114,439	9	103,405	9	92,371	9	81,337	9	70,303	9	59,270
1/4		1/4	147,311	1/4	136,277	1/4	125,243	1/4	114,209	1/4	103,175	1/4	92,141	1/4	81,107	1/4	70,074	1/4	59,040
1/2		1/2	147,081	1/2	136,047	1/2	125,013	1/2	113,979	1/2	102,945	1/2	91,911	1/2	80,878	1/2	69,844	1/2	58,810
3/4		3/4	146,851	3/4	135,817	3/4	124,783	3/4	113,749	3/4	102,715	3/4	91,682	3/4	80,648	3/4	69,614	3/4	58,580
10		10	146,621	10	135,587	10	124,553	10	113,519	10	102,486	10	91,452	10	80,418	10	69,384	10	58,350
1/4		1/4	146,391	1/4	135,357	1/4	124,323	1/4	113,290	1/4	102,256	1/4	91,222	1/4	80,188	1/4	69,154	1/4	58,120
1/2		1/2	146,161	1/2	135,127	1/2	124,094	1/2	113,060	1/2	102,026	1/2	90,992	1/2	79,958	1/2	68,924	1/2	57,890
3/4		3/4	145,931	3/4	134,898	3/4	123,864	3/4	112,830	3/4	101,796	3/4	90,762	3/4	79,728	3/4	68,694	3/4	57,660
11		11	145,702	11	134,668	11	123,634	11	112,600	11	101,566	11	90,532	11	79,498	11	68,464	11	57,431
1/4		1/4	145,472	1/4	134,438	1/4	123,404	1/4	112,370	1/4	101,336	1/4	90,302	1/4	79,268	1/4	68,235	1/4	57,201
1/2		1/2	145,242	1/2	134,208	1/2	123,174	1/2	112,140	1/2	101,106	1/2	90,072	1/2	79,039	1/2	68,005	1/2	56,971
3/4		3/4	145,012	3/4	133,978	3/4	122,944	3/4	111,910	3/4	100,876	3/4	89,843	3/4	78,809	3/4	67,775	3/4	56,741

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 TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1101"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	56,511	0	45,477	0	34,462	0	23,661	0	12,627	0	1,646	0		0		0		0	
1/4	56,281	1/4	45,247	1/4	34,238	1/4	23,431	1/4	12,398	1/4	1,437	1/4		1/4	1/4		1/4	1/4	
1/2	56,051	1/2	45,017	1/2	34,015	1/2	23,201	1/2	12,168	1/2	1,229	1/2		1/2	1/2		1/2	1/2	
3/4	55,821	3/4	44,788	3/4	33,791	3/4	22,971	3/4	11,938	3/4	1,021	3/4		3/4	3/4		3/4	3/4	
1	55,592	1	44,558	1	33,567	1	22,741	1	11,708	1	868	1		1	1		1	1	
1/4	55,362	1/4	44,328	1/4	33,344	1/4	22,512	1/4	11,478	1/4	715	1/4		1/4	1/4		1/4	1/4	
1/2	55,132	1/2	44,098	1/2	33,120	1/2	22,282	1/2	11,248	1/2	562	1/2		1/2	1/2		1/2	1/2	
3/4	54,902	3/4	43,868	3/4	32,897	3/4	22,052	3/4	11,018	3/4	409	3/4		3/4	3/4		3/4	3/4	
2	54,672	2	43,638	2	32,673	2	21,822	2	10,788	2	332	2		2	2		2	2	
1/4	54,442	1/4	43,408	1/4	32,450	1/4	21,592	1/4	10,559	1/4	256	1/4		1/4	1/4		1/4	1/4	
1/2	54,212	1/2	43,178	1/2	32,226	1/2	21,362	1/2	10,329	1/2	179	1/2		1/2	1/2		1/2	1/2	
3/4	53,982	3/4	42,949	3/4	32,002	3/4	21,132	3/4	10,099	3/4	103	3/4		3/4	3/4		3/4	3/4	
3	53,753	3	42,719	3	31,779	3	20,902	3	9,869	3		3		3	3		3	3	
1/4	53,523	1/4	42,489	1/4	31,555	1/4	20,673	1/4	9,639	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	53,293	1/2	42,259	1/2	31,332	1/2	20,443	1/2	9,409	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	53,063	3/4	42,029	3/4	31,108	3/4	20,213	3/4	9,179	3/4		3/4		3/4	3/4		3/4	3/4	
4	52,833	4	41,799	4	30,884	4	19,983	4	8,950	4		4		4	4		4	4	
1/4	52,603	1/4	41,569	1/4	30,661	1/4	19,753	1/4	8,720	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	52,373	1/2	41,339	1/2	30,437	1/2	19,523	1/2	8,490	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	52,143	3/4	41,110	3/4	30,214	3/4	19,293	3/4	8,260	3/4		3/4		3/4	3/4		3/4	3/4	
5	51,914	5	40,880	5	29,990	5	19,064	5	8,030	5		5		5	5		5	5	
1/4	51,684	1/4	40,650	1/4	29,767	1/4	18,834	1/4	7,800	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	51,454	1/2	40,420	1/2	29,543	1/2	18,604	1/2	7,570	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	51,224	3/4	40,190	3/4	29,319	3/4	18,374	3/4	7,341	3/4		3/4		3/4	3/4		3/4	3/4	
6	50,994	6	39,960	6	29,096	6	18,144	6	7,111	6		6		6	6		6	6	
1/4	50,764	1/4	39,730	1/4	28,872	1/4	17,914	1/4	6,881	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	50,534	1/2	39,501	1/2	28,649	1/2	17,684	1/2	6,651	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	50,305	3/4	39,271	3/4	28,425	3/4	17,455	3/4	6,421	3/4		3/4		3/4	3/4		3/4	3/4	
7	50,075	7	39,041	7	28,202	7	17,225	7	6,192	7		7		7	7		7	7	
1/4	49,845	1/4	38,811	1/4	27,978	1/4	16,995	1/4	5,962	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	49,615	1/2	38,581	1/2	27,754	1/2	16,765	1/2	5,732	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	49,385	3/4	38,351	3/4	27,531	3/4	16,535	3/4	5,502	3/4		3/4		3/4	3/4		3/4	3/4	
8	49,155	8	38,121	8	27,307	8	16,305	8	5,273	8		8		8	8		8	8	
1/4	48,925	1/4	37,891	1/4	27,084	1/4	16,075	1/4	5,044	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	48,695	1/2	37,662	1/2	26,860	1/2	15,845	1/2	4,814	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	48,466	3/4	37,432	3/4	26,636	3/4	15,616	3/4	4,585	3/4		3/4		3/4	3/4		3/4	3/4	
9	48,236	9	37,202	9	26,410	9	15,386	9	4,356	9		9		9	9		9	9	
1/4	48,006	1/4	36,972	1/4	26,183	1/4	15,156	1/4	4,127	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	47,776	1/2	36,742	1/2	25,956	1/2	14,926	1/2	3,898	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	47,546	3/4	36,512	3/4	25,730	3/4	14,696	3/4	3,670	3/4		3/4		3/4	3/4		3/4	3/4	
10	47,316	10	36,282	10	25,500	10	14,466	10	3,442	10		10		10	10		10	10	
1/4	47,086	1/4	36,052	1/4	25,270	1/4	14,236	1/4	3,214	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	46,856	1/2	35,823	1/2	25,040	1/2	14,007	1/2	2,986	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	46,627	3/4	35,593	3/4	24,810	3/4	13,777	3/4	2,758	3/4		3/4		3/4	3/4		3/4	3/4	
11	46,397	11	35,366	11	24,580	11	13,547	11	2,532	11		11		11	11		11	11	
1/4	46,167	1/4	35,139	1/4	24,350	1/4	13,317	1/4	2,306	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	45,937	1/2	34,912	1/2	24,121	1/2	13,087	1/2	2,080	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	45,707	3/4	34,686	3/4	23,891	3/4	12,857	3/4	1,854	3/4		3/4		3/4	3/4		3/4	3/4	

STRAPPED: 03/27/2018 CL
CALCULATED: 03/28/2018 CL
PRINTED: 03/29/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "IB 1101"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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		0	144,134	0	133,185	0	122,235	0	111,286	0	100,336	0	89,387	0	78,438	0	67,488
1/4		1/4		1/4	143,906	1/4	132,957	1/4	122,007	1/4	111,058	1/4	100,108	1/4	89,159	1/4	78,210	1/4	67,260
1/2		1/2		1/2	143,678	1/2	132,728	1/2	121,779	1/2	110,830	1/2	99,880	1/2	88,931	1/2	77,981	1/2	67,032
3/4		3/4		3/4	143,450	3/4	132,500	3/4	121,551	3/4	110,602	3/4	99,652	3/4	88,703	3/4	77,753	3/4	66,804
1		1	153,353	1	143,222	1	132,272	1	121,323	1	110,373	1	99,424	1	88,475	1	77,525	1	66,576
1/4		1/4	153,258	1/4	142,993	1/4	132,044	1/4	121,095	1/4	110,145	1/4	99,196	1/4	88,247	1/4	77,297	1/4	66,348
1/2		1/2	153,163	1/2	142,765	1/2	131,816	1/2	120,867	1/2	109,917	1/2	98,968	1/2	88,018	1/2	77,069	1/2	66,120
3/4		3/4	153,068	3/4	142,537	3/4	131,588	3/4	120,638	3/4	109,689	3/4	98,740	3/4	87,790	3/4	76,841	3/4	65,892
2		2	152,973	2	142,309	2	131,360	2	120,410	2	109,461	2	98,512	2	87,562	2	76,613	2	65,663
1/4		1/4	152,803	1/4	142,081	1/4	131,132	1/4	120,182	1/4	109,233	1/4	98,283	1/4	87,334	1/4	76,385	1/4	65,435
1/2		1/2	152,634	1/2	141,853	1/2	130,904	1/2	119,954	1/2	109,005	1/2	98,055	1/2	87,106	1/2	76,157	1/2	65,207
3/4		3/4	152,464	3/4	141,625	3/4	130,675	3/4	119,726	3/4	108,777	3/4	97,827	3/4	86,878	3/4	75,928	3/4	64,979
3		3	152,295	3	141,397	3	130,447	3	119,498	3	108,549	3	97,599	3	86,650	3	75,700	3	64,751
1/4		1/4	152,078	1/4	141,169	1/4	130,219	1/4	119,270	1/4	108,320	1/4	97,371	1/4	86,422	1/4	75,472	1/4	64,523
1/2		1/2	151,862	1/2	140,940	1/2	129,991	1/2	119,042	1/2	108,092	1/2	97,143	1/2	86,194	1/2	75,244	1/2	64,295
3/4		3/4	151,646	3/4	140,712	3/4	129,763	3/4	118,814	3/4	107,864	3/4	96,915	3/4	85,965	3/4	75,016	3/4	64,067
4		4	151,429	4	140,484	4	129,535	4	118,585	4	107,636	4	96,687	4	85,737	4	74,788	4	63,839
1/4		1/4	151,202	1/4	140,256	1/4	129,307	1/4	118,357	1/4	107,408	1/4	96,459	1/4	85,509	1/4	74,560	1/4	63,610
1/2		1/2	150,975	1/2	140,028	1/2	129,079	1/2	118,129	1/2	107,180	1/2	96,230	1/2	85,281	1/2	74,332	1/2	63,382
3/4		3/4	150,748	3/4	139,800	3/4	128,850	3/4	117,901	3/4	106,952	3/4	96,002	3/4	85,053	3/4	74,104	3/4	63,154
5		5	150,520	5	139,572	5	128,622	5	117,673	5	106,724	5	95,774	5	84,825	5	73,875	5	62,926
1/4		1/4	150,292	1/4	139,344	1/4	128,394	1/4	117,445	1/4	106,496	1/4	95,546	1/4	84,597	1/4	73,647	1/4	62,698
1/2		1/2	150,065	1/2	139,116	1/2	128,166	1/2	117,217	1/2	106,267	1/2	95,318	1/2	84,369	1/2	73,419	1/2	62,470
3/4		3/4	149,837	3/4	138,887	3/4	127,938	3/4	116,989	3/4	106,039	3/4	95,090	3/4	84,141	3/4	73,191	3/4	62,242
6		6	149,609	6	138,659	6	127,710	6	116,761	6	105,811	6	94,862	6	83,912	6	72,963	6	62,014
1/4		1/4	149,381	1/4	138,431	1/4	127,482	1/4	116,532	1/4	105,583	1/4	94,634	1/4	83,684	1/4	72,735	1/4	61,786
1/2		1/2	149,152	1/2	138,203	1/2	127,254	1/2	116,304	1/2	105,355	1/2	94,406	1/2	83,456	1/2	72,507	1/2	61,557
3/4		3/4	148,924	3/4	137,975	3/4	127,026	3/4	116,076	3/4	105,127	3/4	94,177	3/4	83,228	3/4	72,279	3/4	61,329
7		7	148,696	7	137,747	7	126,797	7	115,848	7	104,899	7	93,949	7	83,000	7	72,051	7	61,101
1/4		1/4	148,468	1/4	137,519	1/4	126,569	1/4	115,620	1/4	104,671	1/4	93,721	1/4	82,772	1/4	71,822	1/4	60,873
1/2		1/2	148,240	1/2	137,291	1/2	126,341	1/2	115,392	1/2	104,443	1/2	93,493	1/2	82,544	1/2	71,594	1/2	60,645
3/4		3/4	148,012	3/4	137,063	3/4	126,113	3/4	115,164	3/4	104,214	3/4	93,265	3/4	82,316	3/4	71,366	3/4	60,417
8		8	147,784	8	136,834	8	125,885	8	114,936	8	103,986	8	93,037	8	82,088	8	71,138	8	60,189
1/4		1/4	147,556	1/4	136,606	1/4	125,657	1/4	114,708	1/4	103,758	1/4	92,809	1/4	81,859	1/4	70,910	1/4	59,961
1/2		1/2	147,328	1/2	136,378	1/2	125,429	1/2	114,479	1/2	103,530	1/2	92,581	1/2	81,631	1/2	70,682	1/2	59,733
3/4		3/4	147,099	3/4	136,150	3/4	125,201	3/4	114,251	3/4	103,302	3/4	92,353	3/4	81,403	3/4	70,454	3/4	59,504
9		9	146,871	9	135,922	9	124,973	9	114,023	9	103,074	9	92,124	9	81,175	9	70,226	9	59,276
1/4		1/4	146,643	1/4	135,694	1/4	124,744	1/4	113,795	1/4	102,846	1/4	91,896	1/4	80,947	1/4	69,998	1/4	59,048
1/2		1/2	146,415	1/2	135,466	1/2	124,516	1/2	113,567	1/2	102,618	1/2	91,668	1/2	80,719	1/2	69,769	1/2	58,820
3/4		3/4	146,187	3/4	135,238	3/4	124,288	3/4	113,339	3/4	102,389	3/4	91,440	3/4	80,491	3/4	69,541	3/4	58,592
10		10	145,959	10	135,010	10	124,060	10	113,111	10	102,161	10	91,212	10	80,263	10	69,313	10	58,364
1/4		1/4	145,731	1/4	134,781	1/4	123,832	1/4	112,883	1/4	101,933	1/4	90,984	1/4	80,035	1/4	69,085	1/4	58,136
1/2		1/2	145,503	1/2	134,553	1/2	123,604	1/2	112,655	1/2	101,705	1/2	90,756	1/2	79,806	1/2	68,857	1/2	57,908
3/4		3/4	145,275	3/4	134,325	3/4	123,376	3/4	112,426	3/4	101,477	3/4	90,528	3/4	79,578	3/4	68,629	3/4	57,680
11		11	145,046	11	134,097	11	123,148	11	112,198	11	101,249	11	90,300	11	79,350	11	68,401	11	57,451
1/4		1/4	144,818	1/4	133,869	1/4	122,920	1/4	111,970	1/4	101,021	1/4	90,071	1/4	79,122	1/4	68,173	1/4	57,223
1/2		1/2	144,590	1/2	133,641	1/2	122,691	1/2	111,742	1/2	100,793	1/2	89,843	1/2	78,894	1/2	67,945	1/2	56,995
3/4		3/4	144,362	3/4	133,413	3/4	122,463	3/4	111,514	3/4	100,565	3/4	89,615	3/4	78,666	3/4	67,716	3/4	56,767

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 TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1101"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	56,539	0	45,590	0	34,641	0	23,709	0	12,760	0	1,840	0		0		0		0	
1/4	56,311	1/4	45,361	1/4	34,413	1/4	23,480	1/4	12,532	1/4	1,634	1/4		1/4		1/4		1/4	
1/2	56,083	1/2	45,133	1/2	34,186	1/2	23,252	1/2	12,303	1/2	1,427	1/2		1/2		1/2		1/2	
3/4	55,855	3/4	44,905	3/4	33,958	3/4	23,024	3/4	12,075	3/4	1,221	3/4		3/4		3/4		3/4	
1	55,627	1	44,677	1	33,730	1	22,796	1	11,847	1	1,014	1		1		1		1	
1/4	55,398	1/4	44,449	1/4	33,502	1/4	22,568	1/4	11,619	1/4	862	1/4		1/4		1/4		1/4	
1/2	55,170	1/2	44,221	1/2	33,275	1/2	22,340	1/2	11,391	1/2	710	1/2		1/2		1/2		1/2	
3/4	54,942	3/4	43,993	3/4	33,047	3/4	22,112	3/4	11,163	3/4	558	3/4		3/4		3/4		3/4	
2	54,714	2	43,765	2	32,819	2	21,884	2	10,935	2	407	2		2		2		2	
1/4	54,486	1/4	43,537	1/4	32,592	1/4	21,656	1/4	10,707	1/4	330	1/4		1/4		1/4		1/4	
1/2	54,258	1/2	43,308	1/2	32,364	1/2	21,428	1/2	10,479	1/2	254	1/2		1/2		1/2		1/2	
3/4	54,030	3/4	43,080	3/4	32,136	3/4	21,199	3/4	10,250	3/4	178	3/4		3/4		3/4		3/4	
3	53,802	3	42,852	3	31,909	3	20,971	3	10,022	3	102	3		3		3		3	
1/4	53,574	1/4	42,624	1/4	31,681	1/4	20,743	1/4	9,794	1/4		1/4		1/4		1/4		1/4	
1/2	53,345	1/2	42,396	1/2	31,453	1/2	20,515	1/2	9,566	1/2		1/2		1/2		1/2		1/2	
3/4	53,117	3/4	42,168	3/4	31,226	3/4	20,287	3/4	9,338	3/4		3/4		3/4		3/4		3/4	
4	52,889	4	41,940	4	30,998	4	20,059	4	9,110	4		4		4		4		4	
1/4	52,661	1/4	41,712	1/4	30,770	1/4	19,831	1/4	8,882	1/4		1/4		1/4		1/4		1/4	
1/2	52,433	1/2	41,484	1/2	30,543	1/2	19,603	1/2	8,654	1/2		1/2		1/2		1/2		1/2	
3/4	52,205	3/4	41,255	3/4	30,315	3/4	19,375	3/4	8,426	3/4		3/4		3/4		3/4		3/4	
5	51,977	5	41,027	5	30,087	5	19,147	5	8,198	5		5		5		5		5	
1/4	51,749	1/4	40,799	1/4	29,860	1/4	18,918	1/4	7,969	1/4		1/4		1/4		1/4		1/4	
1/2	51,520	1/2	40,571	1/2	29,632	1/2	18,690	1/2	7,741	1/2		1/2		1/2		1/2		1/2	
3/4	51,292	3/4	40,343	3/4	29,404	3/4	18,462	3/4	7,513	3/4		3/4		3/4		3/4		3/4	
6	51,064	6	40,115	6	29,177	6	18,234	6	7,285	6		6		6		6		6	
1/4	50,836	1/4	39,887	1/4	28,949	1/4	18,006	1/4	7,057	1/4		1/4		1/4		1/4		1/4	
1/2	50,608	1/2	39,659	1/2	28,721	1/2	17,778	1/2	6,829	1/2		1/2		1/2		1/2		1/2	
3/4	50,380	3/4	39,431	3/4	28,494	3/4	17,550	3/4	6,601	3/4		3/4		3/4		3/4		3/4	
7	50,152	7	39,202	7	28,266	7	17,322	7	6,373	7		7		7		7		7	
1/4	49,924	1/4	38,974	1/4	28,039	1/4	17,094	1/4	6,145	1/4		1/4		1/4		1/4		1/4	
1/2	49,696	1/2	38,746	1/2	27,811	1/2	16,865	1/2	5,917	1/2		1/2		1/2		1/2		1/2	
3/4	49,467	3/4	38,518	3/4	27,583	3/4	16,637	3/4	5,689	3/4		3/4		3/4		3/4		3/4	
8	49,239	8	38,290	8	27,356	8	16,409	8	5,461	8		8		8		8		8	
1/4	49,011	1/4	38,062	1/4	27,128	1/4	16,181	1/4	5,233	1/4		1/4		1/4		1/4		1/4	
1/2	48,783	1/2	37,834	1/2	26,900	1/2	15,953	1/2	5,006	1/2		1/2		1/2		1/2		1/2	
3/4	48,555	3/4	37,606	3/4	26,673	3/4	15,725	3/4	4,778	3/4		3/4		3/4		3/4		3/4	
9	48,327	9	37,378	9	26,445	9	15,497	9	4,551	9		9		9		9		9	
1/4	48,099	1/4	37,149	1/4	26,217	1/4	15,269	1/4	4,323	1/4		1/4		1/4		1/4		1/4	
1/2	47,871	1/2	36,921	1/2	25,989	1/2	15,041	1/2	4,096	1/2		1/2		1/2		1/2		1/2	
3/4	47,643	3/4	36,693	3/4	25,761	3/4	14,813	3/4	3,869	3/4		3/4		3/4		3/4		3/4	
10	47,414	10	36,465	10	25,533	10	14,584	10	3,642	10		10		10		10		10	
1/4	47,186	1/4	36,237	1/4	25,305	1/4	14,356	1/4	3,416	1/4		1/4		1/4		1/4		1/4	
1/2	46,958	1/2	36,009	1/2	25,077	1/2	14,128	1/2	3,190	1/2		1/2		1/2		1/2		1/2	
3/4	46,730	3/4	35,781	3/4	24,849	3/4	13,900	3/4	2,964	3/4		3/4		3/4		3/4		3/4	
11	46,502	11	35,553	11	24,621	11	13,672	11	2,738	11		11		11		11		11	
1/4	46,274	1/4	35,325	1/4	24,393	1/4	13,444	1/4	2,514	1/4		1/4		1/4		1/4		1/4	
1/2	46,046	1/2	35,097	1/2	24,165	1/2	13,216	1/2	2,289	1/2		1/2		1/2		1/2		1/2	
3/4	45,818	3/4	34,869	3/4	23,937	3/4	12,988	3/4	2,065	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 03/27/2018 CL
CALCULATED: 03/28/2018 CL
PRINTED: 03/29/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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