



BARGE "IB 1201"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
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 - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

December 14, 2017

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

<http://www.pmacorp.net>



BARGE "IB 1201"

1 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	155,554	0	146,925	0	137,038	0	127,151	0	116,664	0	105,099	0	93,543	0	81,987	0	70,430
1/4		1/4	155,549	1/4	146,719	1/4	136,832	1/4	126,945	1/4	116,422	1/4	104,859	1/4	93,302	1/4	81,746	1/4	70,189
1/2		1/2	155,544	1/2	146,513	1/2	136,626	1/2	126,739	1/2	116,181	1/2	104,618	1/2	93,061	1/2	81,505	1/2	69,948
3/4		3/4	155,539	3/4	146,307	3/4	136,420	3/4	126,533	3/4	115,940	3/4	104,377	3/4	92,821	3/4	81,264	3/4	69,707
1		1	155,454	1	146,101	1	136,214	1	126,327	1	115,699	1	104,136	1	92,580	1	81,024	1	69,467
1/4		1/4	155,369	1/4	145,895	1/4	136,008	1/4	126,121	1/4	115,457	1/4	103,896	1/4	92,339	1/4	80,783	1/4	69,226
1/2		1/2	155,283	1/2	145,689	1/2	135,802	1/2	125,915	1/2	115,216	1/2	103,655	1/2	92,098	1/2	80,542	1/2	68,985
3/4		3/4	155,198	3/4	145,483	3/4	135,596	3/4	125,709	3/4	114,975	3/4	103,414	3/4	91,858	3/4	80,301	3/4	68,744
2		2	155,032	2	145,277	2	135,390	2	125,503	2	114,734	2	103,173	2	91,617	2	80,060	2	68,504
1/4		1/4	154,867	1/4	145,071	1/4	135,184	1/4	125,297	1/4	114,492	1/4	102,933	1/4	91,376	1/4	79,820	1/4	68,263
1/2		1/2	154,701	1/2	144,865	1/2	134,978	1/2	125,091	1/2	114,251	1/2	102,692	1/2	91,135	1/2	79,579	1/2	68,022
3/4		3/4	154,535	3/4	144,659	3/4	134,772	3/4	124,885	3/4	114,010	3/4	102,451	3/4	90,895	3/4	79,338	3/4	67,781
3		3	154,331	3	144,453	3	134,566	3	124,679	3	113,769	3	102,210	3	90,654	3	79,097	3	67,541
1/4		1/4	154,127	1/4	144,247	1/4	134,360	1/4	124,473	1/4	113,527	1/4	101,969	1/4	90,413	1/4	78,857	1/4	67,300
1/2		1/2	153,924	1/2	144,041	1/2	134,154	1/2	124,267	1/2	113,286	1/2	101,729	1/2	90,172	1/2	78,616	1/2	67,059
3/4		3/4	153,720	3/4	143,835	3/4	133,948	3/4	124,061	3/4	113,045	3/4	101,488	3/4	89,932	3/4	78,375	3/4	66,818
4		4	153,514	4	143,629	4	133,742	4	123,855	4	112,804	4	101,247	4	89,691	4	78,134	4	66,577
1/4		1/4	153,309	1/4	143,423	1/4	133,536	1/4	123,649	1/4	112,563	1/4	101,006	1/4	89,450	1/4	77,894	1/4	66,337
1/2		1/2	153,104	1/2	143,217	1/2	133,330	1/2	123,443	1/2	112,322	1/2	100,766	1/2	89,209	1/2	77,653	1/2	66,096
3/4		3/4	152,898	3/4	143,011	3/4	133,124	3/4	123,237	3/4	112,082	3/4	100,525	3/4	88,969	3/4	77,412	3/4	65,855
5		5	152,692	5	142,805	5	132,918	5	123,031	5	111,841	5	100,284	5	88,728	5	77,171	5	65,615
1/4		1/4	152,486	1/4	142,599	1/4	132,712	1/4	122,825	1/4	111,600	1/4	100,043	1/4	88,487	1/4	76,930	1/4	65,375
1/2		1/2	152,280	1/2	142,393	1/2	132,506	1/2	122,619	1/2	111,359	1/2	99,803	1/2	88,247	1/2	76,690	1/2	65,135
3/4		3/4	152,075	3/4	142,187	3/4	132,300	3/4	122,413	3/4	111,119	3/4	99,562	3/4	88,006	3/4	76,449	3/4	64,894
6		6	151,869	6	141,981	6	132,094	6	122,207	6	110,878	6	99,321	6	87,765	6	76,208	6	64,654
1/4		1/4	151,663	1/4	141,775	1/4	131,888	1/4	122,001	1/4	110,637	1/4	99,080	1/4	87,524	1/4	75,967	1/4	64,414
1/2		1/2	151,457	1/2	141,569	1/2	131,682	1/2	121,795	1/2	110,396	1/2	98,839	1/2	87,283	1/2	75,727	1/2	64,174
3/4		3/4	151,251	3/4	141,363	3/4	131,476	3/4	121,589	3/4	110,156	3/4	98,599	3/4	87,043	3/4	75,486	3/4	63,934
7		7	151,045	7	141,157	7	131,270	7	121,383	7	109,915	7	98,358	7	86,802	7	75,245	7	63,694
1/4		1/4	150,839	1/4	140,951	1/4	131,064	1/4	121,177	1/4	109,674	1/4	98,117	1/4	86,561	1/4	75,004	1/4	63,453
1/2		1/2	150,633	1/2	140,746	1/2	130,858	1/2	120,971	1/2	109,433	1/2	97,876	1/2	86,320	1/2	74,764	1/2	63,213
3/4		3/4	150,427	3/4	140,540	3/4	130,652	3/4	120,765	3/4	109,192	3/4	97,636	3/4	86,080	3/4	74,523	3/4	62,973
8		8	150,221	8	140,334	8	130,446	8	120,524	8	108,952	8	97,395	8	85,839	8	74,282	8	62,733
1/4		1/4	150,015	1/4	140,128	1/4	130,240	1/4	120,283	1/4	108,711	1/4	97,154	1/4	85,598	1/4	74,041	1/4	62,493
1/2		1/2	149,809	1/2	139,922	1/2	130,034	1/2	120,041	1/2	108,470	1/2	96,913	1/2	85,357	1/2	73,800	1/2	62,253
3/4		3/4	149,603	3/4	139,716	3/4	129,828	3/4	119,800	3/4	108,229	3/4	96,673	3/4	85,117	3/4	73,560	3/4	62,012
9		9	149,397	9	139,510	9	129,622	9	119,559	9	107,989	9	96,432	9	84,876	9	73,319	9	61,772
1/4		1/4	149,191	1/4	139,304	1/4	129,416	1/4	119,318	1/4	107,748	1/4	96,191	1/4	84,635	1/4	73,078	1/4	61,532
1/2		1/2	148,985	1/2	139,098	1/2	129,211	1/2	119,076	1/2	107,507	1/2	95,950	1/2	84,394	1/2	72,837	1/2	61,292
3/4		3/4	148,779	3/4	138,892	3/4	129,005	3/4	118,835	3/4	107,266	3/4	95,709	3/4	84,153	3/4	72,597	3/4	61,052
10		10	148,573	10	138,686	10	128,799	10	118,594	10	107,026	10	95,469	10	83,913	10	72,356	10	60,812
1/4		1/4	148,367	1/4	138,480	1/4	128,593	1/4	118,353	1/4	106,785	1/4	95,228	1/4	83,672	1/4	72,115	1/4	60,571
1/2		1/2	148,161	1/2	138,274	1/2	128,387	1/2	118,111	1/2	106,544	1/2	94,987	1/2	83,431	1/2	71,874	1/2	60,331
3/4		3/4	147,955	3/4	138,068	3/4	128,181	3/4	117,870	3/4	106,303	3/4	94,747	3/4	83,190	3/4	71,634	3/4	60,091
11		11	147,749	11	137,862	11	127,975	11	117,629	11	106,062	11	94,506	11	82,950	11	71,393	11	59,851
1/4		1/4	147,543	1/4	137,656	1/4	127,769	1/4	117,388	1/4	105,822	1/4	94,265	1/4	82,709	1/4	71,152	1/4	59,611
1/2		1/2	147,337	1/2	137,450	1/2	127,563	1/2	117,146	1/2	105,581	1/2	94,024	1/2	82,468	1/2	70,911	1/2	59,371
3/4		3/4	155,559	3/4	147,131	3/4	137,244	3/4	127,357	3/4	116,905	3/4	105,340	3/4	93,784	3/4	82,227	3/4	59,130

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 31'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1201"

1 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	58,890	0	47,345	0	35,825	0	24,491	0	12,934	0	1,416	0		0		0		0	
1/4	58,650	1/4	47,104	1/4	35,591	1/4	24,250	1/4	12,693	1/4	1,215	1/4		1/4	1/4		1/4	1/4	
1/2	58,410	1/2	46,864	1/2	35,356	1/2	24,010	1/2	12,452	1/2	1,014	1/2		1/2	1/2		1/2	1/2	
3/4	58,170	3/4	46,623	3/4	35,122	3/4	23,769	3/4	12,212	3/4	813	3/4		3/4	3/4		3/4	3/4	
1	57,930	1	46,382	1	34,888	1	23,528	1	11,971	1	692	1		1	1		1	1	
1/4	57,689	1/4	46,142	1/4	34,653	1/4	23,287	1/4	11,730	1/4	571	1/4		1/4	1/4		1/4	1/4	
1/2	57,449	1/2	45,901	1/2	34,419	1/2	23,046	1/2	11,489	1/2	451	1/2		1/2	1/2		1/2	1/2	
3/4	57,209	3/4	45,660	3/4	34,184	3/4	22,806	3/4	11,248	3/4	330	3/4		3/4	3/4		3/4	3/4	
2	56,969	2	45,420	2	33,950	2	22,565	2	11,008	2	290	2		2	2		2	2	
1/4	56,729	1/4	45,179	1/4	33,716	1/4	22,324	1/4	10,767	1/4	250	1/4		1/4	1/4		1/4	1/4	
1/2	56,489	1/2	44,938	1/2	33,481	1/2	22,083	1/2	10,526	1/2	210	1/2		1/2	1/2		1/2	1/2	
3/4	56,248	3/4	44,698	3/4	33,247	3/4	21,843	3/4	10,285	3/4	170	3/4		3/4	3/4		3/4	3/4	
3	56,008	3	44,457	3	33,012	3	21,602	3	10,044	3		3		3	3		3	3	
1/4	55,767	1/4	44,217	1/4	32,778	1/4	21,361	1/4	9,804	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	55,527	1/2	43,976	1/2	32,544	1/2	21,120	1/2	9,563	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	55,286	3/4	43,735	3/4	32,309	3/4	20,880	3/4	9,322	3/4		3/4		3/4	3/4		3/4	3/4	
4	55,045	4	43,495	4	32,075	4	20,639	4	9,081	4		4		4	4		4	4	
1/4	54,805	1/4	43,254	1/4	31,840	1/4	20,398	1/4	8,840	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	54,564	1/2	43,013	1/2	31,606	1/2	20,157	1/2	8,599	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	54,323	3/4	42,773	3/4	31,372	3/4	19,916	3/4	8,358	3/4		3/4		3/4	3/4		3/4	3/4	
5	54,083	5	42,532	5	31,137	5	19,676	5	8,117	5		5		5	5		5	5	
1/4	53,842	1/4	42,291	1/4	30,903	1/4	19,435	1/4	7,876	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	53,601	1/2	42,051	1/2	30,668	1/2	19,194	1/2	7,635	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	53,361	3/4	41,810	3/4	30,434	3/4	18,953	3/4	7,394	3/4		3/4		3/4	3/4		3/4	3/4	
6	53,120	6	41,570	6	30,200	6	18,713	6	7,153	6		6		6	6		6	6	
1/4	52,880	1/4	41,329	1/4	29,965	1/4	18,472	1/4	6,912	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	52,639	1/2	41,088	1/2	29,731	1/2	18,231	1/2	6,671	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	52,398	3/4	40,848	3/4	29,496	3/4	17,990	3/4	6,430	3/4		3/4		3/4	3/4		3/4	3/4	
7	52,158	7	40,607	7	29,262	7	17,749	7	6,189	7		7		7	7		7	7	
1/4	51,917	1/4	40,366	1/4	29,028	1/4	17,509	1/4	5,948	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	51,676	1/2	40,126	1/2	28,793	1/2	17,268	1/2	5,707	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	51,436	3/4	39,885	3/4	28,559	3/4	17,027	3/4	5,466	3/4		3/4		3/4	3/4		3/4	3/4	
8	51,195	8	39,644	8	28,324	8	16,786	8	5,225	8		8		8	8		8	8	
1/4	50,954	1/4	39,404	1/4	28,090	1/4	16,546	1/4	4,983	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	50,714	1/2	39,163	1/2	27,856	1/2	16,305	1/2	4,742	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	50,473	3/4	38,922	3/4	27,621	3/4	16,064	3/4	4,501	3/4		3/4		3/4	3/4		3/4	3/4	
9	50,232	9	38,682	9	27,380	9	15,823	9	4,260	9		9		9	9		9	9	
1/4	49,992	1/4	38,441	1/4	27,140	1/4	15,582	1/4	4,018	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	49,751	1/2	38,201	1/2	26,899	1/2	15,342	1/2	3,777	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	49,511	3/4	37,960	3/4	26,658	3/4	15,101	3/4	3,536	3/4		3/4		3/4	3/4		3/4	3/4	
10	49,270	10	37,719	10	26,417	10	14,860	10	3,295	10		10		10	10		10	10	
1/4	49,029	1/4	37,479	1/4	26,177	1/4	14,619	1/4	3,055	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	48,789	1/2	37,238	1/2	25,936	1/2	14,379	1/2	2,814	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	48,548	3/4	36,997	3/4	25,695	3/4	14,138	3/4	2,573	3/4		3/4		3/4	3/4		3/4	3/4	
11	48,307	11	36,763	11	25,454	11	13,897	11	2,334	11		11		11	11		11	11	
1/4	48,067	1/4	36,529	1/4	25,213	1/4	13,656	1/4	2,095	1/4		1/4		1/4	1/4		1/4	1/4	
1/2	47,826	1/2	36,294	1/2	24,973	1/2	13,415	1/2	1,856	1/2		1/2		1/2	1/2		1/2	1/2	
3/4	47,585	3/4	36,060	3/4	24,732	3/4	13,175	3/4	1,617	3/4		3/4		3/4	3/4		3/4	3/4	

STRAPPED: 12/14/2017 SW
CALCULATED: 12/14/2017 CL
PRINTED: 12/15/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2017

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 1201"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/4"

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	143,040	0	133,555	0	123,312	0	113,070	0	102,828	0	92,585	0	82,343	0	72,100	0	61,858
1/4		1/4	143,005	1/4	133,342	1/4	123,099	1/4	112,857	1/4	102,614	1/4	92,372	1/4	82,129	1/4	71,887	1/4	61,645
1/2		1/2	142,898	1/2	133,128	1/2	122,886	1/2	112,643	1/2	102,401	1/2	92,158	1/2	81,916	1/2	71,674	1/2	61,431
3/4		3/4	142,791	3/4	132,915	3/4	122,672	3/4	112,430	3/4	102,188	3/4	91,945	3/4	81,703	3/4	71,460	3/4	61,218
1		1	142,685	1	132,701	1	122,459	1	112,217	1	101,974	1	91,732	1	81,489	1	71,247	1	61,004
1/4		1/4	142,578	1/4	132,488	1/4	122,246	1/4	112,003	1/4	101,761	1/4	91,518	1/4	81,276	1/4	71,034	1/4	60,791
1/2		1/2	142,400	1/2	132,275	1/2	122,032	1/2	111,790	1/2	101,547	1/2	91,305	1/2	81,063	1/2	70,820	1/2	60,578
3/4		3/4	142,223	3/4	132,061	3/4	121,819	3/4	111,576	3/4	101,334	3/4	91,092	3/4	80,849	3/4	70,607	3/4	60,364
2		2	142,045	2	131,848	2	121,605	2	111,363	2	101,121	2	90,878	2	80,636	2	70,393	2	60,151
1/4		1/4	141,867	1/4	131,634	1/4	121,392	1/4	111,150	1/4	100,907	1/4	90,665	1/4	80,422	1/4	70,180	1/4	59,938
1/2		1/2	141,656	1/2	131,421	1/2	121,179	1/2	110,936	1/2	100,694	1/2	90,451	1/2	80,209	1/2	69,967	1/2	59,724
3/4		3/4	141,444	3/4	131,208	3/4	120,965	3/4	110,723	3/4	100,480	3/4	90,238	3/4	79,996	3/4	69,753	3/4	59,511
3		3	141,232	3	130,994	3	120,752	3	110,509	3	100,267	3	90,025	3	79,782	3	69,540	3	59,297
1/4		1/4	141,021	1/4	130,781	1/4	120,539	1/4	110,296	1/4	100,054	1/4	89,811	1/4	79,569	1/4	69,326	1/4	59,084
1/2		1/2	140,808	1/2	130,568	1/2	120,325	1/2	110,083	1/2	99,840	1/2	89,598	1/2	79,355	1/2	69,113	1/2	58,871
3/4		3/4	140,595	3/4	130,354	3/4	120,112	3/4	109,869	3/4	99,627	3/4	89,384	3/4	79,142	3/4	68,900	3/4	58,657
4		4	140,382	4	130,141	4	119,898	4	109,656	4	99,414	4	89,171	4	78,929	4	68,686	4	58,444
1/4		1/4	140,170	1/4	129,927	1/4	119,685	1/4	109,443	1/4	99,200	1/4	88,958	1/4	78,715	1/4	68,473	1/4	58,230
1/2		1/2	139,956	1/2	129,714	1/2	119,472	1/2	109,229	1/2	98,987	1/2	88,744	1/2	78,502	1/2	68,260	1/2	58,017
3/4		3/4	139,743	3/4	129,501	3/4	119,258	3/4	109,016	3/4	98,773	3/4	88,531	3/4	78,289	3/4	68,046	3/4	57,804
5		5	139,530	5	129,287	5	119,045	5	108,802	5	98,560	5	88,318	5	78,075	5	67,833	5	57,590
1/4		1/4	139,316	1/4	129,074	1/4	118,831	1/4	108,589	1/4	98,347	1/4	88,104	1/4	77,862	1/4	67,619	1/4	57,377
1/2		1/2	139,103	1/2	128,860	1/2	118,618	1/2	108,376	1/2	98,133	1/2	87,891	1/2	77,648	1/2	67,406	1/2	57,164
3/4		3/4	138,889	3/4	128,647	3/4	118,405	3/4	108,162	3/4	97,920	3/4	87,677	3/4	77,435	3/4	67,193	3/4	56,950
6		6	138,676	6	128,434	6	118,191	6	107,949	6	97,706	6	87,464	6	77,222	6	66,979	6	56,737
1/4		1/4	138,463	1/4	128,220	1/4	117,978	1/4	107,735	1/4	97,493	1/4	87,251	1/4	77,008	1/4	66,766	1/4	56,523
1/2		1/2	138,249	1/2	128,007	1/2	117,765	1/2	107,522	1/2	97,280	1/2	87,037	1/2	76,795	1/2	66,552	1/2	56,310
3/4		3/4	138,036	3/4	127,794	3/4	117,551	3/4	107,309	3/4	97,066	3/4	86,824	3/4	76,581	3/4	66,339	3/4	56,097
7		7	137,823	7	127,580	7	117,338	7	107,095	7	96,853	7	86,611	7	76,368	7	66,126	7	55,883
1/4		1/4	137,609	1/4	127,367	1/4	117,124	1/4	106,882	1/4	96,640	1/4	86,397	1/4	76,155	1/4	65,912	1/4	55,670
1/2		1/2	137,396	1/2	127,153	1/2	116,911	1/2	106,669	1/2	96,426	1/2	86,184	1/2	75,941	1/2	65,699	1/2	55,457
3/4		3/4	137,182	3/4	126,940	3/4	116,698	3/4	106,455	3/4	96,213	3/4	85,970	3/4	75,728	3/4	65,486	3/4	55,243
8		8	136,969	8	126,727	8	116,484	8	106,242	8	95,999	8	85,757	8	75,515	8	65,272	8	55,030
1/4		1/4	136,756	1/4	126,513	1/4	116,271	1/4	106,028	1/4	95,786	1/4	85,544	1/4	75,301	1/4	65,059	1/4	54,816
1/2		1/2	136,542	1/2	126,300	1/2	116,057	1/2	105,815	1/2	95,573	1/2	85,330	1/2	75,088	1/2	64,845	1/2	54,603
3/4		3/4	136,329	3/4	126,086	3/4	115,844	3/4	105,602	3/4	95,359	3/4	85,117	3/4	74,874	3/4	64,632	3/4	54,390
9		9	136,116	9	125,873	9	115,631	9	105,388	9	95,146	9	84,903	9	74,661	9	64,419	9	54,176
1/4		1/4	135,902	1/4	125,660	1/4	115,417	1/4	105,175	1/4	94,932	1/4	84,690	1/4	74,448	1/4	64,205	1/4	53,963
1/2		1/2	135,689	1/2	125,446	1/2	115,204	1/2	104,962	1/2	94,719	1/2	84,477	1/2	74,234	1/2	63,992	1/2	53,749
3/4		3/4	135,475	3/4	125,233	3/4	114,991	3/4	104,748	3/4	94,506	3/4	84,263	3/4	74,021	3/4	63,778	3/4	53,536
10		10	135,262	10	125,020	10	114,777	10	104,535	10	94,292	10	84,050	10	73,807	10	63,565	10	53,323
1/4		1/4	135,049	1/4	124,806	1/4	114,564	1/4	104,321	1/4	94,079	1/4	83,837	1/4	73,594	1/4	63,352	1/4	53,109
1/2		1/2	134,835	1/2	124,593	1/2	114,350	1/2	104,108	1/2	93,866	1/2	83,623	1/2	73,381	1/2	63,138	1/2	52,896
3/4		3/4	134,622	3/4	124,379	3/4	114,137	3/4	103,895	3/4	93,652	3/4	83,410	3/4	73,167	3/4	62,925	3/4	52,683
11		11	134,408	11	124,166	11	113,924	11	103,681	11	93,439	11	83,196	11	72,954	11	62,712	11	52,469
1/4	143,147	1/4	134,195	1/4	123,953	1/4	113,710	1/4	103,468	1/4	93,225	1/4	82,983	1/4	72,741	1/4	62,498	1/4	52,256
1/2	143,111	1/2	133,982	1/2	123,739	1/2	113,497	1/2	103,254	1/2	93,012	1/2	82,770	1/2	72,527	1/2	62,285	1/2	52,042
3/4	143,076	3/4	133,768	3/4	123,526	3/4	113,283	3/4	103,041	3/4	92,799	3/4	82,556	3/4	72,314	3/4	62,071	3/4	51,829

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'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1201"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	51,616	0	41,373	0	31,175	0	21,140	0	10,898	0	773	0		0		0		0	
1/4	51,402	1/4	41,160	1/4	30,967	1/4	20,927	1/4	10,685	1/4	596	1/4		1/4		1/4		1/4	
1/2	51,189	1/2	40,946	1/2	30,760	1/2	20,714	1/2	10,472	1/2	489	1/2		1/2		1/2		1/2	
3/4	50,975	3/4	40,733	3/4	30,553	3/4	20,500	3/4	10,258	3/4	382	3/4		3/4		3/4		3/4	
1	50,762	1	40,520	1	30,346	1	20,287	1	10,045	1	276	1		1		1		1	
1/4	50,549	1/4	40,306	1/4	30,139	1/4	20,073	1/4	9,832	1/4	169	1/4		1/4		1/4		1/4	
1/2	50,335	1/2	40,093	1/2	29,932	1/2	19,860	1/2	9,618	1/2	133	1/2		1/2		1/2		1/2	
3/4	50,122	3/4	39,880	3/4	29,725	3/4	19,647	3/4	9,405	3/4	98	3/4		3/4		3/4		3/4	
2	49,909	2	39,666	2	29,518	2	19,433	2	9,191	2	62	2		2		2		2	
1/4	49,695	1/4	39,453	1/4	29,311	1/4	19,220	1/4	8,978	1/4	26	1/4		1/4		1/4		1/4	
1/2	49,482	1/2	39,239	1/2	29,104	1/2	19,007	1/2	8,765	1/2		1/2		1/2		1/2		1/2	
3/4	49,268	3/4	39,026	3/4	28,897	3/4	18,793	3/4	8,551	3/4		3/4		3/4		3/4		3/4	
3	49,055	3	38,813	3	28,690	3	18,580	3	8,338	3		3		3		3		3	
1/4	48,842	1/4	38,599	1/4	28,482	1/4	18,366	1/4	8,125	1/4		1/4		1/4		1/4		1/4	
1/2	48,628	1/2	38,386	1/2	28,275	1/2	18,153	1/2	7,911	1/2		1/2		1/2		1/2		1/2	
3/4	48,415	3/4	38,172	3/4	28,068	3/4	17,940	3/4	7,698	3/4		3/4		3/4		3/4		3/4	
4	48,201	4	37,959	4	27,861	4	17,726	4	7,484	4		4		4		4		4	
1/4	47,988	1/4	37,746	1/4	27,654	1/4	17,513	1/4	7,271	1/4		1/4		1/4		1/4		1/4	
1/2	47,775	1/2	37,532	1/2	27,447	1/2	17,300	1/2	7,058	1/2		1/2		1/2		1/2		1/2	
3/4	47,561	3/4	37,319	3/4	27,240	3/4	17,086	3/4	6,844	3/4		3/4		3/4		3/4		3/4	
5	47,348	5	37,106	5	27,033	5	16,873	5	6,631	5		5		5		5		5	
1/4	47,135	1/4	36,892	1/4	26,826	1/4	16,659	1/4	6,418	1/4		1/4		1/4		1/4		1/4	
1/2	46,921	1/2	36,679	1/2	26,619	1/2	16,446	1/2	6,204	1/2		1/2		1/2		1/2		1/2	
3/4	46,708	3/4	36,465	3/4	26,412	3/4	16,233	3/4	5,991	3/4		3/4		3/4		3/4		3/4	
6	46,494	6	36,252	6	26,205	6	16,019	6	5,778	6		6		6		6		6	
1/4	46,281	1/4	36,039	1/4	25,998	1/4	15,806	1/4	5,564	1/4		1/4		1/4		1/4		1/4	
1/2	46,068	1/2	35,825	1/2	25,791	1/2	15,593	1/2	5,351	1/2		1/2		1/2		1/2		1/2	
3/4	45,854	3/4	35,612	3/4	25,583	3/4	15,379	3/4	5,137	3/4		3/4		3/4		3/4		3/4	
7	45,641	7	35,398	7	25,376	7	15,166	7	4,924	7		7		7		7		7	
1/4	45,427	1/4	35,185	1/4	25,169	1/4	14,952	1/4	4,711	1/4		1/4		1/4		1/4		1/4	
1/2	45,214	1/2	34,972	1/2	24,962	1/2	14,739	1/2	4,497	1/2		1/2		1/2		1/2		1/2	
3/4	45,001	3/4	34,758	3/4	24,755	3/4	14,526	3/4	4,284	3/4		3/4		3/4		3/4		3/4	
8	44,787	8	34,545	8	24,548	8	14,312	8	4,071	8		8		8		8		8	
1/4	44,574	1/4	34,332	1/4	24,341	1/4	14,099	1/4	3,857	1/4		1/4		1/4		1/4		1/4	
1/2	44,361	1/2	34,118	1/2	24,128	1/2	13,886	1/2	3,644	1/2		1/2		1/2		1/2		1/2	
3/4	44,147	3/4	33,905	3/4	23,914	3/4	13,672	3/4	3,431	3/4		3/4		3/4		3/4		3/4	
9	43,934	9	33,691	9	23,701	9	13,459	9	3,217	9		9		9		9		9	
1/4	43,720	1/4	33,478	1/4	23,487	1/4	13,246	1/4	3,004	1/4		1/4		1/4		1/4		1/4	
1/2	43,507	1/2	33,265	1/2	23,274	1/2	13,032	1/2	2,791	1/2		1/2		1/2		1/2		1/2	
3/4	43,294	3/4	33,051	3/4	23,061	3/4	12,819	3/4	2,578	3/4		3/4		3/4		3/4		3/4	
10	43,080	10	32,838	10	22,847	10	12,605	10	2,365	10		10		10		10		10	
1/4	42,867	1/4	32,624	1/4	22,634	1/4	12,392	1/4	2,153	1/4		1/4		1/4		1/4		1/4	
1/2	42,653	1/2	32,417	1/2	22,421	1/2	12,179	1/2	1,941	1/2		1/2		1/2		1/2		1/2	
3/4	42,440	3/4	32,210	3/4	22,207	3/4	11,965	3/4	1,730	3/4		3/4		3/4		3/4		3/4	
11	42,227	11	32,003	11	21,994	11	11,752	11	1,518	11		11		11		11		11	
1/4	42,013	1/4	31,796	1/4	21,780	1/4	11,539	1/4	1,306	1/4		1/4		1/4		1/4		1/4	
1/2	41,800	1/2	31,589	1/2	21,567	1/2	11,325	1/2	1,129	1/2		1/2		1/2		1/2		1/2	
3/4	41,587	3/4	31,382	3/4	21,354	3/4	11,112	3/4	951	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 12/14/2017 SW
CALCULATED: 12/14/2017 CL
PRINTED: 12/15/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2017

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 1201"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	134,006	0	123,844	0	113,682	0	103,520	0	93,359	0	83,197	0	73,035	0	62,873
1/4		1/4		1/4	133,794	1/4	123,632	1/4	113,470	1/4	103,309	1/4	93,147	1/4	82,985	1/4	72,823	1/4	62,662
1/2		1/2		1/2	133,582	1/2	123,420	1/2	113,259	1/2	103,097	1/2	92,935	1/2	82,773	1/2	72,612	1/2	62,450
3/4		3/4	142,252	3/4	133,371	3/4	123,209	3/4	113,047	3/4	102,885	3/4	92,723	3/4	82,562	3/4	72,400	3/4	62,238
1		1	142,217	1	133,159	1	122,997	1	112,835	1	102,674	1	92,512	1	82,350	1	72,188	1	62,026
1/4		1/4	142,181	1/4	132,947	1/4	122,785	1/4	112,624	1/4	102,462	1/4	92,300	1/4	82,138	1/4	71,977	1/4	61,815
1/2		1/2	142,146	1/2	132,735	1/2	122,574	1/2	112,412	1/2	102,250	1/2	92,088	1/2	81,927	1/2	71,765	1/2	61,603
3/4		3/4	142,111	3/4	132,524	3/4	122,362	3/4	112,200	3/4	102,038	3/4	91,877	3/4	81,715	3/4	71,553	3/4	61,391
2		2	142,005	2	132,312	2	122,150	2	111,988	2	101,827	2	91,665	2	81,503	2	71,341	2	61,180
1/4		1/4	141,899	1/4	132,100	1/4	121,939	1/4	111,777	1/4	101,615	1/4	91,453	1/4	81,292	1/4	71,130	1/4	60,968
1/2		1/2	141,793	1/2	131,889	1/2	121,727	1/2	111,565	1/2	101,403	1/2	91,242	1/2	81,080	1/2	70,918	1/2	60,756
3/4		3/4	141,687	3/4	131,677	3/4	121,515	3/4	111,353	3/4	101,192	3/4	91,030	3/4	80,868	3/4	70,706	3/4	60,545
3		3	141,511	3	131,465	3	121,303	3	111,142	3	100,980	3	90,818	3	80,656	3	70,495	3	60,333
1/4		1/4	141,335	1/4	131,254	1/4	121,092	1/4	110,930	1/4	100,768	1/4	90,606	1/4	80,445	1/4	70,283	1/4	60,121
1/2		1/2	141,158	1/2	131,042	1/2	120,880	1/2	110,718	1/2	100,557	1/2	90,395	1/2	80,233	1/2	70,071	1/2	59,909
3/4		3/4	140,982	3/4	130,830	3/4	120,668	3/4	110,507	3/4	100,345	3/4	90,183	3/4	80,021	3/4	69,860	3/4	59,698
4		4	140,772	4	130,618	4	120,457	4	110,295	4	100,133	4	89,971	4	79,810	4	69,648	4	59,486
1/4		1/4	140,562	1/4	130,407	1/4	120,245	1/4	110,083	1/4	99,921	1/4	89,760	1/4	79,598	1/4	69,436	1/4	59,274
1/2		1/2	140,353	1/2	130,195	1/2	120,033	1/2	109,871	1/2	99,710	1/2	89,548	1/2	79,386	1/2	69,224	1/2	59,063
3/4		3/4	140,143	3/4	129,983	3/4	119,822	3/4	109,660	3/4	99,498	3/4	89,336	3/4	79,174	3/4	69,013	3/4	58,851
5		5	139,931	5	129,772	5	119,610	5	109,448	5	99,286	5	89,125	5	78,963	5	68,801	5	58,639
1/4		1/4	139,720	1/4	129,560	1/4	119,398	1/4	109,236	1/4	99,075	1/4	88,913	1/4	78,751	1/4	68,589	1/4	58,428
1/2		1/2	139,509	1/2	129,348	1/2	119,186	1/2	109,025	1/2	98,863	1/2	88,701	1/2	78,539	1/2	68,378	1/2	58,216
3/4		3/4	139,298	3/4	129,136	3/4	118,975	3/4	108,813	3/4	98,651	3/4	88,489	3/4	78,328	3/4	68,166	3/4	58,004
6		6	139,086	6	128,925	6	118,763	6	108,601	6	98,439	6	88,278	6	78,116	6	67,954	6	57,792
1/4		1/4	138,875	1/4	128,713	1/4	118,551	1/4	108,390	1/4	98,228	1/4	88,066	1/4	77,904	1/4	67,742	1/4	57,581
1/2		1/2	138,663	1/2	128,501	1/2	118,340	1/2	108,178	1/2	98,016	1/2	87,854	1/2	77,693	1/2	67,531	1/2	57,369
3/4		3/4	138,451	3/4	128,290	3/4	118,128	3/4	107,966	3/4	97,804	3/4	87,643	3/4	77,481	3/4	67,319	3/4	57,157
7		7	138,240	7	128,078	7	117,916	7	107,754	7	97,593	7	87,431	7	77,269	7	67,107	7	56,946
1/4		1/4	138,028	1/4	127,866	1/4	117,704	1/4	107,543	1/4	97,381	1/4	87,219	1/4	77,057	1/4	66,896	1/4	56,734
1/2		1/2	137,816	1/2	127,655	1/2	117,493	1/2	107,331	1/2	97,169	1/2	87,007	1/2	76,846	1/2	66,684	1/2	56,522
3/4		3/4	137,605	3/4	127,443	3/4	117,281	3/4	107,119	3/4	96,958	3/4	86,796	3/4	76,634	3/4	66,472	3/4	56,311
8		8	137,393	8	127,231	8	117,069	8	106,908	8	96,746	8	86,584	8	76,422	8	66,261	8	56,099
1/4		1/4	137,181	1/4	127,019	1/4	116,858	1/4	106,696	1/4	96,534	1/4	86,372	1/4	76,211	1/4	66,049	1/4	55,887
1/2		1/2	136,969	1/2	126,808	1/2	116,646	1/2	106,484	1/2	96,322	1/2	86,161	1/2	75,999	1/2	65,837	1/2	55,675
3/4		3/4	136,758	3/4	126,596	3/4	116,434	3/4	106,273	3/4	96,111	3/4	85,949	3/4	75,787	3/4	65,625	3/4	55,464
9		9	136,546	9	126,384	9	116,223	9	106,061	9	95,899	9	85,737	9	75,576	9	65,414	9	55,252
1/4		1/4	136,334	1/4	126,173	1/4	116,011	1/4	105,849	1/4	95,687	1/4	85,526	1/4	75,364	1/4	65,202	1/4	55,040
1/2		1/2	136,123	1/2	125,961	1/2	115,799	1/2	105,637	1/2	95,476	1/2	85,314	1/2	75,152	1/2	64,990	1/2	54,829
3/4		3/4	135,911	3/4	125,749	3/4	115,587	3/4	105,426	3/4	95,264	3/4	85,102	3/4	74,940	3/4	64,779	3/4	54,617
10		10	135,699	10	125,538	10	115,376	10	105,214	10	95,052	10	84,890	10	74,729	10	64,567	10	54,405
1/4		1/4	135,488	1/4	125,326	1/4	115,164	1/4	105,002	1/4	94,841	1/4	84,679	1/4	74,517	1/4	64,355	1/4	54,193
1/2		1/2	135,276	1/2	125,114	1/2	114,952	1/2	104,791	1/2	94,629	1/2	84,467	1/2	74,305	1/2	64,144	1/2	53,982
3/4		3/4	135,064	3/4	124,902	3/4	114,741	3/4	104,579	3/4	94,417	3/4	84,255	3/4	74,094	3/4	63,932	3/4	53,770
11		11	134,852	11	124,691	11	114,529	11	104,367	11	94,205	11	84,044	11	73,882	11	63,720	11	53,558
1/4		1/4	134,641	1/4	124,479	1/4	114,317	1/4	104,155	1/4	93,994	1/4	83,832	1/4	73,670	1/4	63,508	1/4	53,347
1/2		1/2	134,429	1/2	124,267	1/2	114,106	1/2	103,944	1/2	93,782	1/2	83,620	1/2	73,458	1/2	63,297	1/2	53,135
3/4		3/4	134,217	3/4	124,056	3/4	113,894	3/4	103,732	3/4	93,570	3/4	83,409	3/4	73,247	3/4	63,085	3/4	52,923

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 1201"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	52,712	0	42,550	0	32,388	0	22,244	0	12,083	0	1,926	0		0		0			
1/4	52,500	1/4	42,338	1/4	32,177	1/4	22,032	1/4	11,871	1/4	1,716	1/4		1/4		1/4		1/4	
1/2	52,288	1/2	42,126	1/2	31,966	1/2	21,821	1/2	11,659	1/2	1,506	1/2		1/2		1/2		1/2	
3/4	52,076	3/4	41,915	3/4	31,754	3/4	21,609	3/4	11,448	3/4	1,296	3/4		3/4		3/4		3/4	
1	51,865	1	41,703	1	31,543	1	21,397	1	11,236	1	1,120	1		1		1		1	
1/4	51,653	1/4	41,491	1/4	31,332	1/4	21,186	1/4	11,024	1/4	944	1/4		1/4		1/4		1/4	
1/2	51,441	1/2	41,280	1/2	31,121	1/2	20,974	1/2	10,813	1/2	767	1/2		1/2		1/2		1/2	
3/4	51,230	3/4	41,068	3/4	30,909	3/4	20,762	3/4	10,601	3/4	591	3/4		3/4		3/4		3/4	
2	51,018	2	40,856	2	30,698	2	20,550	2	10,389	2	485	2		2		2		2	
1/4	50,806	1/4	40,644	1/4	30,487	1/4	20,339	1/4	10,177	1/4	379	1/4		1/4		1/4		1/4	
1/2	50,595	1/2	40,433	1/2	30,275	1/2	20,127	1/2	9,966	1/2	273	1/2		1/2		1/2		1/2	
3/4	50,383	3/4	40,221	3/4	30,064	3/4	19,915	3/4	9,754	3/4	168	3/4		3/4		3/4		3/4	
3	50,171	3	40,009	3	29,853	3	19,704	3	9,542	3	132	3		3		3		3	
1/4	49,959	1/4	39,798	1/4	29,642	1/4	19,492	1/4	9,331	1/4	97	1/4		1/4		1/4		1/4	
1/2	49,748	1/2	39,586	1/2	29,430	1/2	19,280	1/2	9,119	1/2	62	1/2		1/2		1/2		1/2	
3/4	49,536	3/4	39,374	3/4	29,219	3/4	19,069	3/4	8,907	3/4	26	3/4		3/4		3/4		3/4	
4	49,324	4	39,163	4	29,008	4	18,857	4	8,696	4		4		4		4		4	
1/4	49,113	1/4	38,951	1/4	28,797	1/4	18,645	1/4	8,484	1/4		1/4		1/4		1/4		1/4	
1/2	48,901	1/2	38,739	1/2	28,585	1/2	18,434	1/2	8,272	1/2		1/2		1/2		1/2		1/2	
3/4	48,689	3/4	38,527	3/4	28,374	3/4	18,222	3/4	8,061	3/4		3/4		3/4		3/4		3/4	
5	48,477	5	38,316	5	28,163	5	18,010	5	7,849	5		5		5		5		5	
1/4	48,266	1/4	38,104	1/4	27,952	1/4	17,798	1/4	7,637	1/4		1/4		1/4		1/4		1/4	
1/2	48,054	1/2	37,892	1/2	27,741	1/2	17,587	1/2	7,425	1/2		1/2		1/2		1/2		1/2	
3/4	47,842	3/4	37,681	3/4	27,529	3/4	17,375	3/4	7,214	3/4		3/4		3/4		3/4		3/4	
6	47,631	6	37,469	6	27,318	6	17,163	6	7,002	6		6		6		6		6	
1/4	47,419	1/4	37,257	1/4	27,107	1/4	16,952	1/4	6,790	1/4		1/4		1/4		1/4		1/4	
1/2	47,207	1/2	37,045	1/2	26,896	1/2	16,740	1/2	6,579	1/2		1/2		1/2		1/2		1/2	
3/4	46,996	3/4	36,834	3/4	26,684	3/4	16,528	3/4	6,367	3/4		3/4		3/4		3/4		3/4	
7	46,784	7	36,622	7	26,473	7	16,317	7	6,155	7		7		7		7		7	
1/4	46,572	1/4	36,410	1/4	26,262	1/4	16,105	1/4	5,944	1/4		1/4		1/4		1/4		1/4	
1/2	46,360	1/2	36,199	1/2	26,051	1/2	15,893	1/2	5,732	1/2		1/2		1/2		1/2		1/2	
3/4	46,149	3/4	35,987	3/4	25,839	3/4	15,681	3/4	5,520	3/4		3/4		3/4		3/4		3/4	
8	45,937	8	35,775	8	25,628	8	15,470	8	5,309	8		8		8		8		8	
1/4	45,725	1/4	35,564	1/4	25,417	1/4	15,258	1/4	5,097	1/4		1/4		1/4		1/4		1/4	
1/2	45,514	1/2	35,352	1/2	25,206	1/2	15,046	1/2	4,885	1/2		1/2		1/2		1/2		1/2	
3/4	45,302	3/4	35,140	3/4	24,994	3/4	14,835	3/4	4,674	3/4		3/4		3/4		3/4		3/4	
9	45,090	9	34,928	9	24,783	9	14,623	9	4,462	9		9		9		9		9	
1/4	44,879	1/4	34,717	1/4	24,572	1/4	14,411	1/4	4,250	1/4		1/4		1/4		1/4		1/4	
1/2	44,667	1/2	34,505	1/2	24,361	1/2	14,200	1/2	4,039	1/2		1/2		1/2		1/2		1/2	
3/4	44,455	3/4	34,293	3/4	24,149	3/4	13,988	3/4	3,827	3/4		3/4		3/4		3/4		3/4	
10	44,243	10	34,082	10	23,938	10	13,776	10	3,615	10		10		10		10		10	
1/4	44,032	1/4	33,870	1/4	23,726	1/4	13,565	1/4	3,404	1/4		1/4		1/4		1/4		1/4	
1/2	43,820	1/2	33,658	1/2	23,514	1/2	13,353	1/2	3,192	1/2		1/2		1/2		1/2		1/2	
3/4	43,608	3/4	33,447	3/4	23,302	3/4	13,141	3/4	2,980	3/4		3/4		3/4		3/4		3/4	
11	43,397	11	33,235	11	23,091	11	12,929	11	2,769	11		11		11		11		11	
1/4	43,185	1/4	33,023	1/4	22,879	1/4	12,718	1/4	2,558	1/4		1/4		1/4		1/4		1/4	
1/2	42,973	1/2	32,811	1/2	22,667	1/2	12,506	1/2	2,347	1/2		1/2		1/2		1/2		1/2	
3/4	42,761	3/4	32,600	3/4	22,456	3/4	12,294	3/4	2,136	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 12/14/2017 SW
CALCULATED: 12/14/2017 CL
PRINTED: 12/15/2017 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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