

*G. A. Hoots*



# BARGE "IB 1307"

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

(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 00-1/2"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

September 4, 2019

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

<http://www.pmacorp.net>



# BARGE "IB 1307"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	170,326	0	160,731	0	150,551	0	140,371	0	130,191	0	119,338	0	107,442	0	95,540	0	83,638	0
1/4	1/4	170,259	1/4	160,519	1/4	150,339	1/4	140,159	1/4	129,979	1/4	119,090	1/4	107,194	1/4	95,292	1/4	83,390	1/4
1/2	1/2	170,192	1/2	160,307	1/2	150,127	1/2	139,947	1/2	129,767	1/2	118,843	1/2	106,946	1/2	95,044	1/2	83,142	1/2
3/4	3/4	170,047	3/4	160,095	3/4	149,915	3/4	139,735	3/4	129,555	3/4	118,595	3/4	106,698	3/4	94,796	3/4	82,894	3/4
1	1	169,902	1	159,883	1	149,703	1	139,523	1	129,343	1	118,347	1	106,450	1	94,548	1	82,646	1
1/4	1/4	169,757	1/4	159,719	1/4	149,491	1/4	139,311	1/4	129,131	1/4	118,100	1/4	106,202	1/4	94,300	1/4	82,398	1/4
1/2	1/2	169,612	1/2	159,459	1/2	149,279	1/2	139,099	1/2	128,919	1/2	117,854	1/2	106,054	1/2	94,052	1/2	82,150	1/2
3/4	3/4	169,407	3/4	159,247	3/4	149,067	3/4	138,887	3/4	128,706	3/4	117,605	3/4	105,706	3/4	93,804	3/4	81,903	3/4
2	2	169,202	2	159,035	2	148,855	2	138,675	2	128,494	2	117,357	2	105,458	2	93,556	2	81,656	2
1/4	1/4	168,996	1/4	158,823	1/4	148,643	1/4	138,462	1/4	128,282	1/4	117,109	1/4	105,210	1/4	93,308	1/4	81,409	1/4
1/2	1/2	168,791	1/2	158,611	1/2	148,430	1/2	138,250	1/2	128,070	1/2	116,862	1/2	104,962	1/2	93,060	1/2	81,162	1/2
3/4	3/4	168,578	3/4	158,398	3/4	148,218	3/4	138,038	3/4	127,858	3/4	116,614	3/4	104,714	3/4	92,812	3/4	80,915	3/4
3	3	168,366	3	158,186	3	148,006	3	137,826	3	127,646	3	116,367	3	104,466	3	92,564	3	80,668	3
1/4	1/4	168,153	1/4	157,974	1/4	147,794	1/4	137,614	1/4	127,434	1/4	116,119	1/4	104,218	1/4	92,316	1/4	80,421	1/4
1/2	1/2	167,940	1/2	157,762	1/2	147,582	1/2	137,402	1/2	127,222	1/2	115,871	1/2	103,970	1/2	92,069	1/2	80,174	1/2
3/4	3/4	167,728	3/4	157,560	3/4	147,370	3/4	137,190	3/4	127,010	3/4	115,624	3/4	103,722	3/4	91,821	3/4	79,927	3/4
4	4	167,517	4	157,338	4	147,158	4	136,978	4	126,798	4	115,376	4	103,474	4	91,573	4	79,680	4
1/4	1/4	167,305	1/4	157,126	1/4	146,946	1/4	136,766	1/4	126,586	1/4	115,128	1/4	103,226	1/4	91,325	1/4	79,434	1/4
1/2	1/2	167,094	1/2	156,914	1/2	146,734	1/2	136,554	1/2	126,374	1/2	114,880	1/2	102,978	1/2	91,077	1/2	79,187	1/2
3/4	3/4	166,882	3/4	156,702	3/4	146,522	3/4	136,342	3/4	126,161	3/4	114,632	3/4	102,730	3/4	90,829	3/4	78,940	3/4
5	5	166,670	5	156,490	5	146,310	5	136,129	5	125,949	5	114,384	5	102,482	5	90,581	5	78,693	5
1/4	1/4	166,458	1/4	156,278	1/4	146,098	1/4	135,917	1/4	125,737	1/4	114,136	1/4	102,235	1/4	90,333	1/4	78,446	1/4
1/2	1/2	166,246	1/2	156,066	1/2	145,885	1/2	135,705	1/2	125,525	1/2	113,888	1/2	101,987	1/2	90,085	1/2	78,199	1/2
3/4	3/4	166,034	3/4	155,853	3/4	145,673	3/4	135,493	3/4	125,313	3/4	113,640	3/4	101,739	3/4	89,837	3/4	77,952	3/4
6	6	165,821	6	155,641	6	145,461	6	135,281	6	125,103	6	113,392	6	101,491	6	89,589	6	77,705	6
1/4	1/4	165,609	1/4	155,429	1/4	145,249	1/4	135,069	1/4	124,889	1/4	113,144	1/4	101,243	1/4	89,341	1/4	77,458	1/4
1/2	1/2	165,397	1/2	155,217	1/2	145,037	1/2	134,857	1/2	124,677	1/2	112,896	1/2	100,995	1/2	89,093	1/2	77,211	1/2
3/4	3/4	165,185	3/4	155,005	3/4	144,825	3/4	134,645	3/4	124,452	3/4	112,648	3/4	100,747	3/4	88,845	3/4	76,965	3/4
7	7	164,973	7	154,793	7	144,613	7	134,433	7	124,227	7	112,401	7	100,499	7	88,597	7	76,718	7
1/4	1/4	164,761	1/4	154,581	1/4	144,401	1/4	134,221	1/4	124,002	1/4	112,153	1/4	100,251	1/4	88,349	1/4	76,471	1/4
1/2	1/2	164,549	1/2	154,369	1/2	144,189	1/2	134,009	1/2	123,777	1/2	111,905	1/2	100,003	1/2	88,101	1/2	76,224	1/2
3/4	3/4	164,337	3/4	154,157	3/4	143,977	3/4	133,797	3/4	123,533	3/4	111,657	3/4	99,755	3/4	87,853	3/4	75,977	3/4
8	8	164,125	8	153,945	8	143,765	8	133,584	8	123,290	8	111,409	8	99,507	8	87,605	8	75,730	8
1/4	1/4	163,913	1/4	153,733	1/4	143,552	1/4	133,372	1/4	123,047	1/4	111,161	1/4	99,259	1/4	87,357	1/4	75,483	1/4
1/2	1/2	163,701	1/2	153,521	1/2	143,340	1/2	133,160	1/2	122,804	1/2	110,913	1/2	99,011	1/2	87,109	1/2	75,236	1/2
3/4	3/4	163,489	3/4	153,308	3/4	143,128	3/4	132,948	3/4	122,557	3/4	110,665	3/4	98,763	3/4	86,862	3/4	74,989	3/4
9	9	163,276	9	153,096	9	142,916	9	132,736	9	122,309	9	110,417	9	98,515	9	86,614	9	74,742	9
1/4	1/4	163,064	1/4	152,884	1/4	142,704	1/4	132,524	1/4	122,061	1/4	110,169	1/4	98,267	1/4	86,366	1/4	74,496	1/4
1/2	1/2	162,852	1/2	152,672	1/2	142,492	1/2	132,312	1/2	121,814	1/2	109,921	1/2	98,019	1/2	86,118	1/2	74,249	1/2
3/4	3/4	162,640	3/4	152,460	3/4	142,280	3/4	132,100	3/4	121,566	3/4	109,673	3/4	97,771	3/4	85,870	3/4	74,002	3/4
10	10	162,428	10	152,248	10	142,068	10	131,888	10	121,319	10	109,426	10	97,523	10	85,622	10	73,755	10
1/4	1/4	162,216	1/4	152,036	1/4	141,856	1/4	131,676	1/4	121,071	1/4	109,177	1/4	97,275	1/4	85,374	1/4	73,508	1/4
1/2	1/2	162,004	1/2	151,824	1/2	141,644	1/2	131,464	1/2	120,823	1/2	108,929	1/2	97,028	1/2	85,126	1/2	73,261	1/2
3/4	3/4	161,792	3/4	151,612	3/4	141,432	3/4	131,252	3/4	120,576	3/4	108,681	3/4	96,780	3/4	84,878	3/4	73,014	3/4
11	11	161,580	11	151,400	11	141,220	11	131,039	11	120,328	11	108,433	11	96,532	11	84,630	11	72,767	11
1/4	1/4	161,368	1/4	151,188	1/4	141,007	1/4	130,827	1/4	120,081	1/4	108,185	1/4	96,284	1/4	84,382	1/4	72,520	1/4
1/2	1/2	161,156	1/2	150,975	1/2	140,795	1/2	130,615	1/2	119,833	1/2	107,937	1/2	96,036	1/2	84,134	1/2	72,273	1/2
3/4	3/4	160,944	3/4	150,763	3/4	140,583	3/4	130,403	3/4	119,585	3/4	107,689	3/4	95,788	3/4	83,886	3/4	72,026	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 TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
Pearland, Texas 77588  
<http://www.pimatcorp.net>



# BARGE "IB 1307"

# 1 CENTER ULLAGE TABLE

GAUGE HEIGHT 16'-01 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	71,778	0	47,985	0	36,164	0	24,510	0	12,594	0
1/4	59,634	1/4	47,737	1/4	35,925	1/4	24,262	1/4	12,345	1/4
1/2	71,283	1/2	47,489	1/2	35,685	1/2	24,014	1/2	12,097	1/2
3/4	71,035	3/4	47,241	3/4	35,446	3/4	23,766	3/4	11,848	3/4
1	70,787	1	46,993	1	35,206	1	23,518	1	11,600	1
1 1/4	70,539	1 1/4	46,746	1 1/4	34,967	1 1/4	23,270	1 1/4	11,351	1 1/4
1 1/2	70,292	1 1/2	46,498	1 1/2	34,728	1 1/2	23,022	1 1/2	11,103	1 1/2
1 3/4	70,044	1 3/4	46,250	1 3/4	34,488	1 3/4	22,774	1 3/4	10,854	1 3/4
2	69,796	2	46,002	2	34,249	2	22,526	2	10,606	2
2 1/4	69,548	2 1/4	45,754	2 1/4	34,009	2 1/4	22,278	2 1/4	10,357	2 1/4
2 1/2	69,300	2 1/2	45,506	2 1/2	33,770	2 1/2	22,030	2 1/2	10,109	2 1/2
2 3/4	69,052	2 3/4	45,258	2 3/4	33,531	2 3/4	21,782	2 3/4	9,860	2 3/4
3	68,804	3	45,010	3	33,291	3	21,534	3	9,612	3
3 1/4	68,557	3 1/4	44,763	3 1/4	33,052	3 1/4	21,286	3 1/4	9,363	3 1/4
3 1/2	68,309	3 1/2	44,515	3 1/2	32,812	3 1/2	21,038	3 1/2	9,115	3 1/2
3 3/4	68,061	3 3/4	44,267	3 3/4	32,573	3 3/4	20,789	3 3/4	8,866	3 3/4
4	67,813	4	44,019	4	32,334	4	20,541	4	8,618	4
4 1/4	67,565	4 1/4	43,771	4 1/4	32,094	4 1/4	20,293	4 1/4	8,369	4 1/4
4 1/2	67,317	4 1/2	43,523	4 1/2	31,855	4 1/2	20,045	4 1/2	8,121	4 1/2
4 3/4	67,070	4 3/4	43,276	4 3/4	31,616	4 3/4	19,797	4 3/4	7,872	4 3/4
5	66,822	5	43,028	5	31,376	5	19,549	5	7,624	5
5 1/4	66,574	5 1/4	42,780	5 1/4	31,137	5 1/4	19,301	5 1/4	7,375	5 1/4
5 1/2	66,326	5 1/2	42,532	5 1/2	30,897	5 1/2	19,053	5 1/2	7,127	5 1/2
5 3/4	66,078	5 3/4	42,284	5 3/4	30,656	5 3/4	18,805	5 3/4	6,878	5 3/4
6	65,830	6	42,036	6	30,415	6	18,557	6	6,630	6
6 1/4	65,582	6 1/4	41,789	6 1/4	30,174	6 1/4	18,308	6 1/4	6,381	6 1/4
6 1/2	65,335	6 1/2	41,541	6 1/2	29,933	6 1/2	18,060	6 1/2	6,133	6 1/2
6 3/4	65,087	6 3/4	41,293	6 3/4	29,692	6 3/4	17,811	6 3/4	5,884	6 3/4
7	64,839	7	41,045	7	29,450	7	17,563	7	5,636	7
7 1/4	64,591	7 1/4	40,797	7 1/4	29,209	7 1/4	17,314	7 1/4	5,387	7 1/4
7 1/2	64,343	7 1/2	40,549	7 1/2	28,967	7 1/2	17,066	7 1/2	5,139	7 1/2
7 3/4	64,095	7 3/4	40,301	7 3/4	28,721	7 3/4	16,817	7 3/4	4,890	7 3/4
8	63,847	8	40,054	8	28,474	8	16,569	8	4,642	8
8 1/4	63,600	8 1/4	39,806	8 1/4	28,228	8 1/4	16,320	8 1/4	4,393	8 1/4
8 1/2	63,352	8 1/2	39,558	8 1/2	27,982	8 1/2	16,072	8 1/2	4,145	8 1/2
8 3/4	63,104	8 3/4	39,310	8 3/4	27,734	8 3/4	15,824	8 3/4	3,896	8 3/4
9	62,856	9	39,062	9	27,486	9	15,575	9	3,648	9
9 1/4	62,608	9 1/4	38,814	9 1/4	27,238	9 1/4	15,327	9 1/4	3,400	9 1/4
9 1/2	62,360	9 1/2	38,566	9 1/2	26,990	9 1/2	15,078	9 1/2	3,151	9 1/2
9 3/4	62,112	9 3/4	38,325	9 3/4	26,742	9 3/4	14,830	9 3/4	2,904	9 3/4
10	61,865	10	38,083	10	26,494	10	14,581	10	2,656	10
10 1/4	61,617	10 1/4	37,842	10 1/4	26,246	10 1/4	14,333	10 1/4	2,409	10 1/4
10 1/2	61,369	10 1/2	37,600	10 1/2	25,998	10 1/2	14,085	10 1/2	2,161	10 1/2
10 3/4	61,121	10 3/4	37,351	10 3/4	25,750	10 3/4	13,836	10 3/4	1,924	10 3/4
11	60,873	11	37,122	11	25,502	11	13,588	11	1,686	11
11 1/4	60,625	11 1/4	36,882	11 1/4	25,254	11 1/4	13,339	11 1/4	1,448	11 1/4
11 1/2	60,377	11 1/2	36,643	11 1/2	25,006	11 1/2	13,091	11 1/2	1,210	11 1/2
11 3/4	60,130	11 3/4	36,403	11 3/4	24,758	11 3/4	12,842	11 3/4	1,040	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/03/2019 JS  
 CALCULATED: 09/04/2019 CL  
 PRINTED: 09/04/2019 JS  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 09/2019

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



# BARGE "IB 1307"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	153,794	0	144,806	0	134,523	0	124,239	0	113,956	0	103,672	0	93,389	0	83,105	0	72,822	0
1/4	1/4	153,776	1/4	144,592	1/4	134,309	1/4	124,025	1/4	113,742	1/4	103,458	1/4	93,175	1/4	82,891	1/4	72,608	1/4
1/2	1/2	153,718	1/2	144,378	1/2	133,994	1/2	123,811	1/2	113,527	1/2	103,244	1/2	92,960	1/2	82,677	1/2	72,333	1/2
3/4	3/4	153,660	3/4	144,164	3/4	133,880	3/4	123,597	3/4	113,313	3/4	103,030	3/4	92,746	3/4	82,463	3/4	72,119	3/4
1	1	153,602	1	143,949	1	133,666	1	123,382	1	113,099	1	102,815	1	92,532	1	82,248	1	71,965	1
1/4	1/4	153,544	1/4	143,735	1/4	133,452	1/4	123,168	1/4	112,885	1/4	102,601	1/4	92,318	1/4	82,034	1/4	71,751	1/4
1/2	1/2	153,419	1/2	143,521	1/2	133,237	1/2	122,954	1/2	112,670	1/2	102,387	1/2	92,103	1/2	81,820	1/2	71,536	1/2
3/4	3/4	153,294	3/4	143,307	3/4	133,023	3/4	122,740	3/4	112,456	3/4	102,173	3/4	91,889	3/4	81,606	3/4	71,322	3/4
2	2	153,169	2	143,092	2	132,809	2	122,525	2	112,242	2	101,958	2	91,675	2	81,392	2	71,108	2
1/4	1/4	153,044	1/4	142,878	1/4	132,595	1/4	122,311	1/4	112,028	1/4	101,744	1/4	91,461	1/4	81,177	1/4	70,894	1/4
1/2	1/2	152,866	1/2	142,664	1/2	132,380	1/2	122,097	1/2	111,813	1/2	101,530	1/2	91,247	1/2	80,963	1/2	70,680	1/2
3/4	3/4	152,667	3/4	142,450	3/4	132,166	3/4	121,883	3/4	111,599	3/4	101,316	3/4	91,032	3/4	80,749	3/4	70,465	3/4
3	3	152,478	3	142,235	3	131,952	3	121,669	3	111,385	3	101,102	3	90,818	3	80,535	3	70,251	3
1/4	1/4	152,289	1/4	142,021	1/4	131,738	1/4	121,454	1/4	111,171	1/4	100,887	1/4	90,604	1/4	80,320	1/4	70,037	1/4
1/2	1/2	152,079	1/2	141,807	1/2	131,524	1/2	121,240	1/2	110,957	1/2	100,673	1/2	90,390	1/2	80,106	1/2	69,823	1/2
3/4	3/4	151,868	3/4	141,593	3/4	131,309	3/4	121,026	3/4	110,742	3/4	100,459	3/4	90,175	3/4	79,892	3/4	69,608	3/4
4	4	151,657	4	141,379	4	131,095	4	120,812	4	110,528	4	100,245	4	89,961	4	79,678	4	69,384	4
1/4	1/4	151,446	1/4	141,164	1/4	130,881	1/4	120,597	1/4	110,314	1/4	100,030	1/4	89,747	1/4	79,463	1/4	69,180	1/4
1/2	1/2	151,232	1/2	140,950	1/2	130,667	1/2	120,383	1/2	110,100	1/2	99,816	1/2	89,533	1/2	79,249	1/2	68,966	1/2
3/4	3/4	151,018	3/4	140,736	3/4	130,452	3/4	120,169	3/4	109,885	3/4	99,602	3/4	89,318	3/4	79,035	3/4	68,751	3/4
5	5	150,804	5	140,522	5	130,238	5	119,956	5	109,671	5	99,388	5	89,104	5	78,821	5	68,537	5
1/4	1/4	150,591	1/4	140,307	1/4	130,024	1/4	119,740	1/4	109,457	1/4	99,173	1/4	88,890	1/4	78,606	1/4	68,323	1/4
1/2	1/2	150,376	1/2	140,093	1/2	129,810	1/2	119,526	1/2	109,243	1/2	98,959	1/2	88,676	1/2	78,392	1/2	68,109	1/2
3/4	3/4	150,162	3/4	139,879	3/4	129,595	3/4	119,312	3/4	109,028	3/4	98,745	3/4	88,461	3/4	78,178	3/4	67,894	3/4
6	6	149,948	6	139,665	6	129,381	6	119,098	6	108,814	6	98,531	6	88,247	6	77,964	6	67,680	6
1/4	1/4	149,734	1/4	139,450	1/4	129,167	1/4	118,883	1/4	108,600	1/4	98,316	1/4	88,033	1/4	77,749	1/4	67,466	1/4
1/2	1/2	149,520	1/2	139,236	1/2	128,953	1/2	118,669	1/2	108,386	1/2	98,102	1/2	87,819	1/2	77,535	1/2	67,252	1/2
3/4	3/4	149,305	3/4	139,022	3/4	128,738	3/4	118,455	3/4	108,171	3/4	97,888	3/4	87,604	3/4	77,321	3/4	67,037	3/4
7	7	149,091	7	138,808	7	128,524	7	118,241	7	107,957	7	97,674	7	87,390	7	77,107	7	66,823	7
1/4	1/4	148,877	1/4	138,593	1/4	128,310	1/4	118,026	1/4	107,743	1/4	97,459	1/4	87,176	1/4	76,892	1/4	66,609	1/4
1/2	1/2	148,663	1/2	138,379	1/2	128,096	1/2	117,812	1/2	107,529	1/2	97,245	1/2	86,962	1/2	76,678	1/2	66,395	1/2
3/4	3/4	148,448	3/4	138,165	3/4	127,881	3/4	117,598	3/4	107,314	3/4	97,031	3/4	86,747	3/4	76,464	3/4	66,181	3/4
8	8	148,234	8	137,951	8	127,667	8	117,384	8	107,100	8	96,817	8	86,533	8	76,250	8	65,966	8
1/4	1/4	148,020	1/4	137,736	1/4	127,453	1/4	117,169	1/4	106,886	1/4	96,603	1/4	86,319	1/4	76,036	1/4	65,752	1/4
1/2	1/2	147,806	1/2	137,522	1/2	127,239	1/2	116,955	1/2	106,672	1/2	96,388	1/2	86,105	1/2	75,821	1/2	65,538	1/2
3/4	3/4	147,591	3/4	137,308	3/4	127,024	3/4	116,741	3/4	106,458	3/4	96,174	3/4	85,891	3/4	75,607	3/4	65,324	3/4
9	9	147,377	9	137,094	9	126,810	9	116,527	9	106,243	9	95,960	9	85,676	9	75,393	9	65,109	9
1/4	1/4	147,163	1/4	136,880	1/4	126,596	1/4	116,313	1/4	106,029	1/4	95,746	1/4	85,462	1/4	75,179	1/4	64,895	1/4
1/2	1/2	146,949	1/2	136,665	1/2	126,382	1/2	116,098	1/2	105,815	1/2	95,531	1/2	85,248	1/2	74,964	1/2	64,681	1/2
3/4	3/4	146,735	3/4	136,451	3/4	126,168	3/4	115,884	3/4	105,601	3/4	95,317	3/4	85,034	3/4	74,750	3/4	64,467	3/4
10	10	146,520	10	136,237	10	125,953	10	115,670	10	105,386	10	95,103	10	84,819	10	74,536	10	64,252	10
1/4	1/4	146,306	1/4	136,023	1/4	125,739	1/4	115,456	1/4	105,172	1/4	94,889	1/4	84,605	1/4	74,322	1/4	64,038	1/4
1/2	1/2	146,092	1/2	135,808	1/2	125,525	1/2	115,241	1/2	104,958	1/2	94,674	1/2	84,391	1/2	74,107	1/2	63,824	1/2
3/4	3/4	145,878	3/4	135,594	3/4	125,311	3/4	115,027	3/4	104,744	3/4	94,460	3/4	84,177	3/4	73,893	3/4	63,610	3/4
11	11	145,663	11	135,380	11	125,096	11	114,813	11	104,529	11	94,246	11	83,962	11	73,679	11	63,395	11
1/4	1/4	145,449	1/4	135,166	1/4	124,882	1/4	114,599	1/4	104,315	1/4	94,032	1/4	83,748	1/4	73,465	1/4	63,181	1/4
1/2	1/2	145,235	1/2	134,951	1/2	124,668	1/2	114,384	1/2	104,101	1/2	93,817	1/2	83,534	1/2	73,250	1/2	62,967	1/2
3/4	3/4	145,021	3/4	134,737	3/4	124,454	3/4	114,170	3/4	103,887	3/4	93,603	3/4	83,320	3/4	73,036	3/4	62,753	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 TO TOP OF 2" DIAMETER "HERMETIC" VALVE

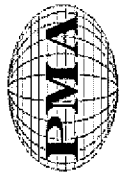
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77688

<http://www.pmacorp.net>



# BARGE "IB 1307"

# 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	IN	1/4	IN	1/4	IN	1/4	IN	1/4	IN	1/4	IN	1/4	IN	1/4	IN	1/4	IN	1/4	IN	1/4
0	62,538	0	52,255	0	41,971	0	31,726	0	21,568	0	11,375	0	1,124	0	0	0	0	0	0	0
1/4	62,324	1/4	52,041	1/4	41,757	1/4	31,518	1/4	21,444	1/4	11,316	1/4	919	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,110	1/2	51,826	1/2	41,543	1/2	31,310	1/2	21,229	1/2	10,946	1/2	772	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,896	3/4	51,612	3/4	41,329	3/4	31,102	3/4	21,015	3/4	10,732	3/4	625	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	61,681	1	51,398	1	41,114	1	30,884	1	20,801	1	10,518	1	478	1	1	1	1	1	1	1
1/4	61,467	1/4	51,184	1/4	40,900	1/4	30,686	1/4	20,587	1/4	10,304	1/4	331	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,253	1/2	50,970	1/2	40,686	1/2	30,478	1/2	20,372	1/2	10,089	1/2	267	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,039	3/4	50,755	3/4	40,472	3/4	30,270	3/4	20,158	3/4	9,875	3/4	202	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	60,825	2	50,541	2	40,258	2	30,062	2	19,944	2	9,661	2	138	2	2	2	2	2	2	2
1/4	60,610	1/4	50,327	1/4	40,043	1/4	29,854	1/4	19,730	1/4	9,447	1/4	74	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,396	1/2	50,113	1/2	39,829	1/2	29,646	1/2	19,516	1/2	9,232	1/2	59	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,182	3/4	49,898	3/4	39,615	3/4	29,438	3/4	19,301	3/4	9,018	3/4	44	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	59,968	3	49,684	3	39,401	3	29,230	3	19,087	3	8,804	3	29	3	3	3	3	3	3	3
1/4	59,753	1/4	49,470	1/4	39,186	1/4	29,022	1/4	18,873	1/4	8,590	1/4	14	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,539	1/2	49,256	1/2	38,972	1/2	28,814	1/2	18,659	1/2	8,376	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,325	3/4	49,041	3/4	38,758	3/4	28,606	3/4	18,444	3/4	8,161	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	59,111	4	48,827	4	38,544	4	28,398	4	18,230	4	7,947	4	0	4	4	4	4	4	4	4
1/4	58,896	1/4	48,613	1/4	38,329	1/4	28,190	1/4	18,016	1/4	7,733	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,682	1/2	48,399	1/2	38,115	1/2	27,982	1/2	17,802	1/2	7,519	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,468	3/4	48,184	3/4	37,901	3/4	27,774	3/4	17,587	3/4	7,304	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	58,254	5	47,970	5	37,687	5	27,566	5	17,373	5	7,090	5	0	5	5	5	5	5	5	5
1/4	58,039	1/4	47,756	1/4	37,472	1/4	27,358	1/4	17,159	1/4	6,876	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,825	1/2	47,542	1/2	37,258	1/2	27,151	1/2	16,945	1/2	6,662	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,611	3/4	47,327	3/4	37,044	3/4	26,943	3/4	16,731	3/4	6,448	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	57,397	6	47,113	6	36,830	6	26,735	6	16,516	6	6,233	6	0	6	6	6	6	6	6	6
1/4	57,182	1/4	46,899	1/4	36,615	1/4	26,527	1/4	16,302	1/4	6,019	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,968	1/2	46,685	1/2	36,401	1/2	26,319	1/2	16,088	1/2	5,805	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,754	3/4	46,471	3/4	36,187	3/4	26,111	3/4	15,874	3/4	5,591	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	56,540	7	46,256	7	35,973	7	25,903	7	15,659	7	5,376	7	0	7	7	7	7	7	7	7
1/4	56,325	1/4	46,042	1/4	35,759	1/4	25,696	1/4	15,445	1/4	5,162	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,111	1/2	45,828	1/2	35,544	1/2	25,488	1/2	15,231	1/2	4,948	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,897	3/4	45,614	3/4	35,330	3/4	25,280	3/4	15,017	3/4	4,734	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	55,683	8	45,399	8	35,116	8	25,072	8	14,802	8	4,519	8	0	8	8	8	8	8	8	8
1/4	55,469	1/4	45,185	1/4	34,902	1/4	24,865	1/4	14,588	1/4	4,305	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,254	1/2	44,971	1/2	34,687	1/2	24,652	1/2	14,374	1/2	4,091	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,040	3/4	44,757	3/4	34,473	3/4	24,440	3/4	14,160	3/4	3,877	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	54,826	9	44,542	9	34,259	9	24,227	9	13,946	9	3,663	9	0	9	9	9	9	9	9	9
1/4	54,612	1/4	44,328	1/4	34,045	1/4	24,014	1/4	13,731	1/4	3,448	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,397	1/2	44,114	1/2	33,830	1/2	23,800	1/2	13,517	1/2	3,234	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,183	3/4	43,900	3/4	33,616	3/4	23,586	3/4	13,303	3/4	3,020	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	53,969	10	43,685	10	33,402	10	23,372	10	13,089	10	2,806	10	0	10	10	10	10	10	10	10
1/4	53,755	1/4	43,471	1/4	33,188	1/4	23,157	1/4	12,874	1/4	2,592	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,540	1/2	43,257	1/2	32,978	1/2	22,943	1/2	12,660	1/2	2,379	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,326	3/4	43,043	3/4	32,769	3/4	22,729	3/4	12,446	3/4	2,165	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	53,112	11	42,828	11	32,559	11	22,515	11	12,232	11	1,952	11	0	11	11	11	11	11	11	11
1/4	52,898	1/4	42,614	1/4	32,349	1/4	22,301	1/4	12,017	1/4	1,739	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,683	1/2	42,400	1/2	32,141	1/2	22,086	1/2	11,803	1/2	1,534	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,469	3/4	42,186	3/4	31,933	3/4	21,872	3/4	11,589	3/4	1,329	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/03/2019 JS  
 CALCULATED: 09/04/2019 CL  
 PRINTED: 09/04/2019 JS  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 09/2019

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2082  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "IB 1307"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

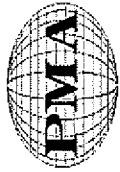
GAUGE HEIGHT 16'-01 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	155,085	0	145,675	0	135,315	0	124,954	0	114,594	0	104,234	0	93,873	0	83,513	0	73,153	0
1/4	1/4	155,027	1/4	145,459	1/4	135,099	1/4	124,739	1/4	114,378	1/4	104,018	1/4	93,658	1/4	83,297	1/4	72,937	1/4
1/2	1/2	154,969	1/2	145,243	1/2	134,883	1/2	124,523	1/2	114,162	1/2	103,802	1/2	93,442	1/2	83,081	1/2	72,721	1/2
3/4	3/4	154,910	3/4	145,028	3/4	134,667	3/4	124,307	3/4	113,947	3/4	103,586	3/4	93,226	3/4	82,866	3/4	72,505	3/4
1	1	154,784	1	144,812	1	134,451	1	124,091	1	113,731	1	103,370	1	93,010	1	82,650	1	72,289	1
1/4	1/4	154,658	1/4	144,596	1/4	134,236	1/4	123,875	1/4	113,515	1/4	103,155	1/4	92,794	1/4	82,434	1/4	72,073	1/4
1/2	1/2	154,532	1/2	144,380	1/2	134,020	1/2	123,659	1/2	113,299	1/2	102,939	1/2	92,578	1/2	82,218	1/2	71,858	1/2
3/4	3/4	154,406	3/4	144,164	3/4	133,804	3/4	123,444	3/4	113,083	3/4	102,723	3/4	92,362	3/4	82,002	3/4	71,642	3/4
2	2	154,216	2	143,948	2	133,588	2	123,228	2	112,867	2	102,507	2	92,147	2	81,786	2	71,426	2
1/4	1/4	154,026	1/4	143,733	1/4	133,372	1/4	123,012	1/4	112,652	1/4	102,291	1/4	91,931	1/4	81,570	1/4	71,210	1/4
1/2	1/2	153,836	1/2	143,517	1/2	133,156	1/2	122,796	1/2	112,436	1/2	102,075	1/2	91,715	1/2	81,355	1/2	70,994	1/2
3/4	3/4	153,646	3/4	143,301	3/4	132,941	3/4	122,580	3/4	112,220	3/4	101,859	3/4	91,499	3/4	81,139	3/4	70,778	3/4
3	3	153,433	3	143,086	3	132,725	3	122,364	3	112,004	3	101,644	3	91,283	3	80,923	3	70,563	3
1/4	1/4	153,221	1/4	142,869	1/4	132,509	1/4	122,148	1/4	111,788	1/4	101,428	1/4	91,067	1/4	80,707	1/4	70,347	1/4
1/2	1/2	153,008	1/2	142,653	1/2	132,293	1/2	121,933	1/2	111,572	1/2	101,212	1/2	90,852	1/2	80,491	1/2	70,131	1/2
3/4	3/4	152,796	3/4	142,438	3/4	132,077	3/4	121,717	3/4	111,356	3/4	100,996	3/4	90,636	3/4	80,275	3/4	69,916	3/4
4	4	152,581	4	142,222	4	131,861	4	121,501	4	111,141	4	100,780	4	90,420	4	80,060	4	69,699	4
1/4	1/4	152,365	1/4	142,006	1/4	131,645	1/4	121,285	1/4	110,925	1/4	100,564	1/4	90,204	1/4	79,844	1/4	69,483	1/4
1/2	1/2	152,150	1/2	141,790	1/2	131,430	1/2	121,069	1/2	110,709	1/2	100,349	1/2	89,988	1/2	79,628	1/2	69,288	1/2
3/4	3/4	151,934	3/4	141,574	3/4	131,214	3/4	120,853	3/4	110,493	3/4	100,133	3/4	89,772	3/4	79,412	3/4	69,062	3/4
5	5	151,719	5	141,358	5	130,998	5	120,638	5	110,277	5	99,917	5	89,557	5	79,196	5	68,836	5
1/4	1/4	151,503	1/4	141,142	1/4	130,782	1/4	120,422	1/4	110,061	1/4	99,701	1/4	89,341	1/4	78,980	1/4	68,626	1/4
1/2	1/2	151,287	1/2	140,927	1/2	130,566	1/2	120,206	1/2	109,846	1/2	99,485	1/2	89,125	1/2	78,765	1/2	68,404	1/2
3/4	3/4	151,071	3/4	140,711	3/4	130,350	3/4	119,990	3/4	109,630	3/4	99,269	3/4	88,909	3/4	78,549	3/4	68,188	3/4
6	6	150,855	6	140,495	6	130,135	6	119,774	6	109,414	6	99,054	6	88,693	6	78,333	6	67,973	6
1/4	1/4	150,639	1/4	140,279	1/4	129,919	1/4	119,558	1/4	109,198	1/4	98,838	1/4	88,477	1/4	78,117	1/4	67,757	1/4
1/2	1/2	150,424	1/2	140,063	1/2	129,703	1/2	119,343	1/2	108,982	1/2	98,622	1/2	88,262	1/2	77,901	1/2	67,541	1/2
3/4	3/4	150,208	3/4	139,847	3/4	129,487	3/4	119,127	3/4	108,766	3/4	98,406	3/4	88,046	3/4	77,685	3/4	67,325	3/4
7	7	149,992	7	139,632	7	129,271	7	118,911	7	108,551	7	98,190	7	87,830	7	77,469	7	67,109	7
1/4	1/4	149,776	1/4	139,416	1/4	129,055	1/4	118,695	1/4	108,335	1/4	97,974	1/4	87,614	1/4	77,254	1/4	66,893	1/4
1/2	1/2	149,560	1/2	139,200	1/2	128,840	1/2	118,479	1/2	108,119	1/2	97,759	1/2	87,398	1/2	77,038	1/2	66,677	1/2
3/4	3/4	149,344	3/4	138,984	3/4	128,624	3/4	118,263	3/4	107,903	3/4	97,543	3/4	87,182	3/4	76,822	3/4	66,462	3/4
8	8	149,129	8	138,768	8	128,408	8	118,048	8	107,687	8	97,327	8	86,966	8	76,606	8	66,246	8
1/4	1/4	148,913	1/4	138,552	1/4	128,192	1/4	117,832	1/4	107,471	1/4	97,111	1/4	86,751	1/4	76,390	1/4	66,030	1/4
1/2	1/2	148,697	1/2	138,337	1/2	127,976	1/2	117,616	1/2	107,255	1/2	96,895	1/2	86,535	1/2	76,174	1/2	65,814	1/2
3/4	3/4	148,481	3/4	138,121	3/4	127,760	3/4	117,400	3/4	107,040	3/4	96,679	3/4	86,319	3/4	75,959	3/4	65,598	3/4
9	9	148,265	9	137,905	9	127,545	9	117,184	9	106,824	9	96,463	9	86,103	9	75,743	9	65,382	9
1/4	1/4	148,049	1/4	137,689	1/4	127,329	1/4	116,968	1/4	106,608	1/4	96,248	1/4	85,887	1/4	75,527	1/4	65,167	1/4
1/2	1/2	147,834	1/2	137,473	1/2	127,113	1/2	116,752	1/2	106,392	1/2	96,032	1/2	85,671	1/2	75,311	1/2	64,951	1/2
3/4	3/4	147,618	3/4	137,257	3/4	126,897	3/4	116,537	3/4	106,176	3/4	95,816	3/4	85,456	3/4	75,095	3/4	64,736	3/4
10	10	147,402	10	137,041	10	126,681	10	116,321	10	105,960	10	95,600	10	85,240	10	74,879	10	64,519	10
1/4	1/4	147,186	1/4	136,826	1/4	126,465	1/4	116,105	1/4	105,745	1/4	95,384	1/4	85,024	1/4	74,664	1/4	64,303	1/4
1/2	1/2	146,970	1/2	136,610	1/2	126,249	1/2	115,889	1/2	105,529	1/2	95,168	1/2	84,808	1/2	74,448	1/2	64,087	1/2
3/4	3/4	146,754	3/4	136,394	3/4	126,034	3/4	115,673	3/4	105,313	3/4	94,953	3/4	84,592	3/4	74,232	3/4	63,872	3/4
11	11	146,538	11	136,178	11	125,818	11	115,457	11	105,097	11	94,737	11	84,376	11	74,016	11	63,656	11
1/4	1/4	146,323	1/4	135,962	1/4	125,602	1/4	115,242	1/4	104,881	1/4	94,521	1/4	84,161	1/4	73,800	1/4	63,440	1/4
1/2	1/2	146,107	1/2	135,746	1/2	125,386	1/2	115,026	1/2	104,665	1/2	94,305	1/2	83,945	1/2	73,584	1/2	63,224	1/2
3/4	3/4	145,891	3/4	135,531	3/4	125,170	3/4	114,810	3/4	104,450	3/4	94,089	3/4	83,729	3/4	73,369	3/4	63,008	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 TO TOP OF 2" DIAMETER "HERMETIC" VALVE  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-01" FORWARD OF AFT BULKHEAD

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



# BARGE "IB 1307"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	62,792	0	42,072	0	31,717	0	21,388	0	11,028	0
1/4	62,576	1/4	41,856	1/4	31,502	1/4	21,172	1/4	10,812	1/4
1/2	62,361	1/2	41,640	1/2	31,287	1/2	20,956	1/2	10,596	1/2
3/4	62,145	3/4	41,424	3/4	31,072	3/4	20,740	3/4	10,380	3/4
1	61,929	1	41,208	1	30,857	1	20,524	1	10,165	1
1/4	61,713	1/4	40,992	1/4	30,643	1/4	20,309	1/4	9,949	1/4
1/2	61,497	1/2	40,777	1/2	30,428	1/2	20,093	1/2	9,733	1/2
3/4	61,281	3/4	40,561	3/4	30,213	3/4	19,877	3/4	9,517	3/4
2	61,066	2	40,345	2	29,998	2	19,661	2	9,301	2
1/4	60,850	1/4	40,129	1/4	29,783	1/4	19,445	1/4	9,085	1/4
1/2	60,634	1/2	39,913	1/2	29,568	1/2	19,229	1/2	8,870	1/2
3/4	60,418	3/4	39,697	3/4	29,353	3/4	19,014	3/4	8,654	3/4
3	60,202	3	39,482	3	29,138	3	18,798	3	8,438	3
1/4	59,986	1/4	39,266	1/4	28,924	1/4	18,582	1/4	8,222	1/4
1/2	59,771	1/2	39,050	1/2	28,709	1/2	18,366	1/2	8,006	1/2
3/4	59,555	3/4	38,834	3/4	28,494	3/4	18,150	3/4	7,790	3/4
4	59,339	4	38,618	4	28,279	4	17,934	4	7,575	4
1/4	59,123	1/4	38,402	1/4	28,064	1/4	17,719	1/4	7,359	1/4
1/2	58,907	1/2	38,187	1/2	27,849	1/2	17,503	1/2	7,143	1/2
3/4	58,691	3/4	37,971	3/4	27,634	3/4	17,287	3/4	6,927	3/4
5	58,476	5	37,755	5	27,420	5	17,071	5	6,711	5
1/4	58,260	1/4	37,539	1/4	27,205	1/4	16,855	1/4	6,495	1/4
1/2	58,044	1/2	37,323	1/2	26,990	1/2	16,640	1/2	6,280	1/2
3/4	57,828	3/4	37,107	3/4	26,775	3/4	16,424	3/4	6,064	3/4
6	57,612	6	36,891	6	26,560	6	16,208	6	5,848	6
1/4	57,396	1/4	36,676	1/4	26,345	1/4	15,992	1/4	5,632	1/4
1/2	57,180	1/2	36,460	1/2	26,130	1/2	15,776	1/2	5,416	1/2
3/4	56,965	3/4	36,244	3/4	25,915	3/4	15,560	3/4	5,200	3/4
7	56,749	7	36,028	7	25,701	7	15,345	7	4,985	7
1/4	56,533	1/4	35,812	1/4	25,486	1/4	15,129	1/4	4,769	1/4
1/2	56,317	1/2	35,596	1/2	25,271	1/2	14,913	1/2	4,553	1/2
3/4	56,101	3/4	35,381	3/4	25,056	3/4	14,697	3/4	4,337	3/4
8	55,885	8	35,165	8	24,840	8	14,481	8	4,121	8
1/4	55,670	1/4	34,949	1/4	24,625	1/4	14,265	1/4	3,905	1/4
1/2	55,454	1/2	34,733	1/2	24,409	1/2	14,050	1/2	3,690	1/2
3/4	55,238	3/4	34,517	3/4	24,194	3/4	13,834	3/4	3,474	3/4
9	55,022	9	34,301	9	23,978	9	13,618	9	3,258	9
1/4	54,806	1/4	34,086	1/4	23,762	1/4	13,402	1/4	3,043	1/4
1/2	54,590	1/2	33,870	1/2	23,546	1/2	13,186	1/2	2,827	1/2
3/4	54,375	3/4	33,654	3/4	23,330	3/4	12,970	3/4	2,611	3/4
10	54,159	10	33,439	10	23,114	10	12,755	10	2,396	10
1/4	53,943	1/4	33,223	1/4	22,899	1/4	12,539	1/4	2,181	1/4
1/2	53,727	1/2	33,008	1/2	22,683	1/2	12,323	1/2	1,966	1/2
3/4	53,511	3/4	32,793	3/4	22,467	3/4	12,107	3/4	1,751	3/4
11	53,295	11	32,577	11	22,251	11	11,891	11	1,545	11
1/4	53,080	1/4	32,362	1/4	22,035	1/4	11,675	1/4	1,338	1/4
1/2	52,864	1/2	32,147	1/2	21,819	1/2	11,460	1/2	1,132	1/2
3/4	52,648	3/4	31,932	3/4	21,604	3/4	11,244	3/4	925	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/03/2019 JS  
CALCULATED: 09/04/2019 CL  
PRINTED: 09/04/2019 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2019

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