

Gallons



# BARGE "IB 1306"

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	- 01-1/4	01-1/4
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"

August 26, 2019

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

<http://www.pmacorp.net>



# BARGE "IB 1306"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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	170,722	0	161,254	0	151,054	0	140,854	0	130,655	0	119,816	0	107,897	0	95,973	0	84,048	0
1/4	1/4	170,856	1/4	161,041	1/4	150,842	1/4	140,642	1/4	130,442	1/4	119,588	1/4	107,849	1/4	95,476	1/4	83,551	1/4
1/2	1/2	170,887	1/2	160,829	1/2	150,629	1/2	140,429	1/2	130,230	1/2	119,320	1/2	107,400	1/2	95,476	1/2	83,551	1/2
3/4	3/4	170,520	3/4	160,816	3/4	150,417	3/4	140,217	3/4	130,017	3/4	119,072	3/4	107,152	3/4	95,227	3/4	83,303	3/4
1	1	170,375	1	160,404	1	150,204	1	140,004	1	129,805	1	118,824	1	106,903	1	94,979	1	83,054	1
1 1/4	1 1/4	170,229	1 1/4	160,191	1 1/4	149,992	1 1/4	139,792	1 1/4	129,592	1 1/4	118,576	1 1/4	106,655	1 1/4	94,730	1 1/4	82,806	1 1/4
1 1/2	1 1/2	170,084	1 1/2	159,979	1 1/2	149,779	1 1/2	139,579	1 1/2	129,380	1 1/2	118,328	1 1/2	106,407	1 1/2	94,482	1 1/2	82,557	1 1/2
1 3/4	1 3/4	169,939	1 3/4	159,786	1 3/4	149,567	1 3/4	139,367	1 3/4	129,167	1 3/4	118,080	1 3/4	106,159	1 3/4	94,234	1 3/4	82,309	1 3/4
2	2	169,733	2	159,554	2	149,354	2	139,154	2	128,955	2	117,832	2	105,910	2	93,985	2	82,061	2
2 1/4	2 1/4	169,528	2 1/4	159,341	2 1/4	149,142	2 1/4	138,942	2 1/4	128,742	2 1/4	117,583	2 1/4	105,861	2 1/4	93,737	2 1/4	81,814	2 1/4
2 1/2	2 1/2	169,322	2 1/2	159,129	2 1/2	148,929	2 1/2	138,729	2 1/2	128,530	2 1/2	117,335	2 1/2	105,413	2 1/2	93,488	2 1/2	81,566	2 1/2
2 3/4	2 3/4	169,117	2 3/4	158,916	2 3/4	148,717	2 3/4	138,517	2 3/4	128,317	2 3/4	117,087	2 3/4	105,164	2 3/4	93,240	2 3/4	81,310	2 3/4
3	3	168,903	3	158,704	3	148,504	3	138,304	3	128,105	3	116,839	3	104,916	3	92,991	3	81,071	3
3 1/4	3 1/4	168,690	3 1/4	158,491	3 1/4	148,292	3 1/4	138,092	3 1/4	127,892	3 1/4	116,591	3 1/4	104,668	3 1/4	92,743	3 1/4	80,824	3 1/4
3 1/2	3 1/2	168,477	3 1/2	158,279	3 1/2	148,079	3 1/2	137,879	3 1/2	127,690	3 1/2	116,343	3 1/2	104,419	3 1/2	92,495	3 1/2	80,576	3 1/2
3 3/4	3 3/4	168,264	3 3/4	158,066	3 3/4	147,867	3 3/4	137,667	3 3/4	127,467	3 3/4	116,095	3 3/4	104,171	3 3/4	92,246	3 3/4	80,329	3 3/4
4	4	168,052	4	157,854	4	147,654	4	137,454	4	127,255	4	115,847	4	103,922	4	91,998	4	80,082	4
4 1/4	4 1/4	167,840	4 1/4	157,641	4 1/4	147,442	4 1/4	137,242	4 1/4	127,042	4 1/4	115,599	4 1/4	103,674	4 1/4	91,749	4 1/4	79,834	4 1/4
4 1/2	4 1/2	167,628	4 1/2	157,429	4 1/2	147,229	4 1/2	137,029	4 1/2	126,830	4 1/2	115,350	4 1/2	103,425	4 1/2	91,501	4 1/2	79,587	4 1/2
4 3/4	4 3/4	167,416	4 3/4	157,216	4 3/4	147,017	4 3/4	136,817	4 3/4	126,617	4 3/4	115,102	4 3/4	103,177	4 3/4	91,252	4 3/4	79,339	4 3/4
5	5	167,203	5	157,004	5	146,804	5	136,605	5	126,405	5	114,853	5	102,929	5	91,004	5	79,092	5
5 1/4	5 1/4	166,991	5 1/4	156,791	5 1/4	146,592	5 1/4	136,392	5 1/4	126,192	5 1/4	114,605	5 1/4	102,680	5 1/4	90,756	5 1/4	78,845	5 1/4
5 1/2	5 1/2	166,779	5 1/2	156,579	5 1/2	146,379	5 1/2	136,190	5 1/2	125,990	5 1/2	114,358	5 1/2	102,432	5 1/2	90,507	5 1/2	78,597	5 1/2
5 3/4	5 3/4	166,566	5 3/4	156,366	5 3/4	146,167	5 3/4	135,967	5 3/4	125,767	5 3/4	114,108	5 3/4	102,183	5 3/4	90,259	5 3/4	78,350	5 3/4
6	6	166,354	6	156,154	6	145,954	6	135,755	6	125,555	6	113,858	6	101,935	6	90,010	6	78,103	6
6 1/4	6 1/4	166,141	6 1/4	155,941	6 1/4	145,742	6 1/4	135,542	6 1/4	125,342	6 1/4	113,611	6 1/4	101,686	6 1/4	89,762	6 1/4	77,855	6 1/4
6 1/2	6 1/2	165,928	6 1/2	155,729	6 1/2	145,529	6 1/2	135,330	6 1/2	125,130	6 1/2	113,363	6 1/2	101,438	6 1/2	89,513	6 1/2	77,608	6 1/2
6 3/4	6 3/4	165,716	6 3/4	155,517	6 3/4	145,317	6 3/4	135,117	6 3/4	124,917	6 3/4	113,114	6 3/4	101,190	6 3/4	89,265	6 3/4	77,360	6 3/4
7	7	165,504	7	155,304	7	145,104	7	134,905	7	124,692	7	112,866	7	100,941	7	89,017	7	77,113	7
7 1/4	7 1/4	165,291	7 1/4	155,092	7 1/4	144,892	7 1/4	134,692	7 1/4	124,486	7 1/4	112,617	7 1/4	100,693	7 1/4	88,768	7 1/4	76,866	7 1/4
7 1/2	7 1/2	165,079	7 1/2	154,879	7 1/2	144,679	7 1/2	134,480	7 1/2	124,241	7 1/2	112,369	7 1/2	100,444	7 1/2	88,520	7 1/2	76,618	7 1/2
7 3/4	7 3/4	164,866	7 3/4	154,667	7 3/4	144,467	7 3/4	134,267	7 3/4	124,015	7 3/4	112,120	7 3/4	100,196	7 3/4	88,271	7 3/4	76,371	7 3/4
8	8	164,654	8	154,454	8	144,254	8	134,055	8	123,772	8	111,872	8	99,947	8	88,023	8	76,124	8
8 1/4	8 1/4	164,441	8 1/4	154,242	8 1/4	144,042	8 1/4	133,842	8 1/4	123,528	8 1/4	111,624	8 1/4	99,699	8 1/4	87,774	8 1/4	75,876	8 1/4
8 1/2	8 1/2	164,228	8 1/2	154,029	8 1/2	143,829	8 1/2	133,630	8 1/2	123,285	8 1/2	111,375	8 1/2	99,451	8 1/2	87,526	8 1/2	75,629	8 1/2
8 3/4	8 3/4	164,016	8 3/4	153,817	8 3/4	143,617	8 3/4	133,417	8 3/4	123,041	8 3/4	111,127	8 3/4	99,202	8 3/4	87,278	8 3/4	75,381	8 3/4
9	9	163,804	9	153,604	9	143,404	9	133,205	9	122,793	9	110,878	9	98,954	9	87,029	9	75,134	9
9 1/4	9 1/4	163,591	9 1/4	153,392	9 1/4	143,192	9 1/4	132,992	9 1/4	122,545	9 1/4	110,630	9 1/4	98,705	9 1/4	86,781	9 1/4	74,887	9 1/4
9 1/2	9 1/2	163,379	9 1/2	153,179	9 1/2	142,979	9 1/2	132,792	9 1/2	122,297	9 1/2	110,381	9 1/2	98,457	9 1/2	86,532	9 1/2	74,639	9 1/2
9 3/4	9 3/4	163,166	9 3/4	152,967	9 3/4	142,767	9 3/4	132,597	9 3/4	122,049	9 3/4	110,133	9 3/4	98,208	9 3/4	86,284	9 3/4	74,392	9 3/4
10	10	162,954	10	152,754	10	142,554	10	132,355	10	121,801	10	109,885	10	97,980	10	86,035	10	74,145	10
10 1/4	10 1/4	162,741	10 1/4	152,542	10 1/4	142,342	10 1/4	132,142	10 1/4	121,553	10 1/4	109,636	10 1/4	97,712	10 1/4	85,787	10 1/4	73,897	10 1/4
10 1/2	10 1/2	162,529	10 1/2	152,329	10 1/2	142,129	10 1/2	131,930	10 1/2	121,305	10 1/2	109,388	10 1/2	97,463	10 1/2	85,539	10 1/2	73,650	10 1/2
10 3/4	10 3/4	162,316	10 3/4	152,117	10 3/4	141,917	10 3/4	131,717	10 3/4	121,057	10 3/4	109,139	10 3/4	97,215	10 3/4	85,290	10 3/4	73,402	10 3/4
11	11	162,104	11	151,904	11	141,704	11	131,505	11	120,808	11	108,891	11	96,966	11	85,042	11	73,155	11
11 1/4	11 1/4	161,891	11 1/4	151,692	11 1/4	141,492	11 1/4	131,292	11 1/4	120,560	11 1/4	108,642	11 1/4	96,718	11 1/4	84,793	11 1/4	72,908	11 1/4
11 1/2	11 1/2	161,679	11 1/2	151,479	11 1/2	141,279	11 1/2	131,090	11 1/2	120,312	11 1/2	108,394	11 1/2	96,469	11 1/2	84,545	11 1/2	72,660	11 1/2
11 3/4	11 3/4	161,466	11 3/4	151,267	11 3/4	141,067	11 3/4	130,867	11 3/4	120,064	11 3/4	108,146	11 3/4	96,221	11 3/4	84,296	11 3/4	72,413	11 3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pasadena, Texas 77668  
<http://www.pmacorp.net>



# BARGE "IB 1306"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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	72,185	0	80,246	0	48,326	0	36,474	0	24,805	0	12,867	0	1,042	0		0			
1/4	71,917	1/4	80,997	1/4	48,077	1/4	36,234	1/4	24,557	1/4	12,618	1/4	871	1/4					
1/2	71,659	1/2	81,749	1/2	47,829	1/2	35,994	1/2	24,309	1/2	12,369	1/2	700	1/2					
3/4	71,421	3/4	82,501	3/4	47,581	3/4	35,754	3/4	24,060	3/4	12,120	3/4	530	3/4					
1	71,172	1	83,252	1	47,332	1	35,514	1	23,812	1	11,871	1	455	1					
1 1/4	70,924	1 1/4	84,004	1 1/4	47,084	1 1/4	35,274	1 1/4	23,563	1 1/4	11,622	1 1/4	380	1 1/4					
1 1/2	70,676	1 1/2	84,756	1 1/2	46,836	1 1/2	35,035	1 1/2	23,315	1 1/2	11,373	1 1/2	306	1 1/2					
1 3/4	70,427	1 3/4	85,507	1 3/4	46,588	1 3/4	34,785	1 3/4	23,068	1 3/4	11,124	1 3/4	231	1 3/4					
2	70,179	2	86,259	2	46,339	2	34,535	2	22,819	2	10,875	2		2					
2 1/4	69,931	2 1/4	87,011	2 1/4	46,091	2 1/4	34,285	2 1/4	22,569	2 1/4	10,626	2 1/4							
2 1/2	69,682	2 1/2	87,762	2 1/2	45,843	2 1/2	34,035	2 1/2	22,321	2 1/2	10,377	2 1/2							
2 3/4	69,434	2 3/4	88,514	2 3/4	45,594	2 3/4	33,785	2 3/4	22,072	2 3/4	10,128	2 3/4							
3	69,186	3	89,266	3	45,346	3	33,535	3	21,824	3	9,879	3							
3 1/4	68,937	3 1/4	90,017	3 1/4	45,098	3 1/4	33,286	3 1/4	21,575	3 1/4	9,630	3 1/4							
3 1/2	68,689	3 1/2	90,769	3 1/2	44,849	3 1/2	33,036	3 1/2	21,327	3 1/2	9,381	3 1/2							
3 3/4	68,441	3 3/4	91,521	3 3/4	44,601	3 3/4	32,787	3 3/4	21,078	3 3/4	9,132	3 3/4							
4	68,192	4	92,272	4	44,353	4	32,538	4	20,830	4	8,883	4							
4 1/4	67,944	4 1/4	93,024	4 1/4	44,104	4 1/4	32,289	4 1/4	20,581	4 1/4	8,634	4 1/4							
4 1/2	67,696	4 1/2	93,776	4 1/2	43,856	4 1/2	32,039	4 1/2	20,333	4 1/2	8,385	4 1/2							
4 3/4	67,447	4 3/4	94,527	4 3/4	43,608	4 3/4	31,790	4 3/4	20,084	4 3/4	8,136	4 3/4							
5	67,199	5	95,279	5	43,359	5	31,541	5	19,836	5	7,887	5							
5 1/4	66,951	5 1/4	96,031	5 1/4	43,111	5 1/4	31,292	5 1/4	19,587	5 1/4	7,638	5 1/4							
5 1/2	66,702	5 1/2	96,782	5 1/2	42,863	5 1/2	31,043	5 1/2	19,339	5 1/2	7,389	5 1/2							
5 3/4	66,454	5 3/4	97,534	5 3/4	42,614	5 3/4	30,794	5 3/4	19,090	5 3/4	7,141	5 3/4							
6	66,206	6	98,286	6	42,366	6	30,545	6	18,841	6	6,892	6							
6 1/4	65,957	6 1/4	99,037	6 1/4	42,118	6 1/4	30,296	6 1/4	18,593	6 1/4	6,643	6 1/4							
6 1/2	65,709	6 1/2	99,789	6 1/2	41,869	6 1/2	30,047	6 1/2	18,344	6 1/2	6,394	6 1/2							
6 3/4	65,461	6 3/4	100,541	6 3/4	41,621	6 3/4	29,798	6 3/4	18,095	6 3/4	6,145	6 3/4							
7	65,212	7	101,292	7	41,373	7	29,549	7	17,846	7	5,896	7							
7 1/4	64,964	7 1/4	102,044	7 1/4	41,124	7 1/4	29,300	7 1/4	17,597	7 1/4	5,647	7 1/4							
7 1/2	64,716	7 1/2	102,796	7 1/2	40,876	7 1/2	29,051	7 1/2	17,348	7 1/2	5,398	7 1/2							
7 3/4	64,467	7 3/4	103,547	7 3/4	40,628	7 3/4	28,802	7 3/4	17,099	7 3/4	5,149	7 3/4							
8	64,219	8	104,299	8	40,379	8	28,553	8	16,850	8	4,900	8							
8 1/4	63,971	8 1/4	105,051	8 1/4	40,131	8 1/4	28,304	8 1/4	16,601	8 1/4	4,651	8 1/4							
8 1/2	63,722	8 1/2	105,802	8 1/2	39,883	8 1/2	28,055	8 1/2	16,352	8 1/2	4,402	8 1/2							
8 3/4	63,474	8 3/4	106,554	8 3/4	39,634	8 3/4	27,806	8 3/4	16,103	8 3/4	4,153	8 3/4							
9	63,226	9	107,306	9	39,386	9	27,557	9	15,854	9	3,904	9							
9 1/4	62,977	9 1/4	108,057	9 1/4	39,138	9 1/4	27,308	9 1/4	15,605	9 1/4	3,655	9 1/4							
9 1/2	62,729	9 1/2	108,809	9 1/2	38,889	9 1/2	27,059	9 1/2	15,356	9 1/2	3,406	9 1/2							
9 3/4	62,481	9 3/4	109,561	9 3/4	38,641	9 3/4	26,810	9 3/4	15,107	9 3/4	3,157	9 3/4							
10	62,232	10	110,312	10	38,393	10	26,561	10	14,859	10	2,908	10							
10 1/4	61,984	10 1/4	111,064	10 1/4	38,144	10 1/4	26,312	10 1/4	14,610	10 1/4	2,659	10 1/4							
10 1/2	61,736	10 1/2	111,816	10 1/2	37,895	10 1/2	26,063	10 1/2	14,361	10 1/2	2,410	10 1/2							
10 3/4	61,487	10 3/4	112,567	10 3/4	37,647	10 3/4	25,814	10 3/4	14,112	10 3/4	2,161	10 3/4							
11	61,239	11	113,319	11	37,398	11	25,565	11	13,863	11	1,912	11							
11 1/4	60,991	11 1/4	114,071	11 1/4	37,149	11 1/4	25,316	11 1/4	13,614	11 1/4	1,663	11 1/4							
11 1/2	60,742	11 1/2	114,822	11 1/2	36,900	11 1/2	25,067	11 1/2	13,365	11 1/2	1,414	11 1/2							
11 3/4	60,494	11 3/4	115,574	11 3/4	36,651	11 3/4	24,818	11 3/4	13,116	11 3/4	1,165	11 3/4							

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CALCULATED: 08/26/2019 CL  
PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "IB 1306"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	153,857	0	144,865	0	134,578	0	124,290	0	114,002	0	103,715	0	93,427	0	83,139	0	72,852	
1/4	1/4	153,839	1/4	144,851	1/4	134,563	1/4	124,276	1/4	113,988	1/4	103,500	1/4	93,213	1/4	82,925	1/4	72,637	
1/2	1/2	153,781	1/2	144,437	1/2	134,149	1/2	123,861	1/2	113,574	1/2	103,286	1/2	92,998	1/2	82,711	1/2	72,423	
3/4	3/4	153,723	3/4	144,222	3/4	133,955	3/4	123,647	3/4	113,369	3/4	103,072	3/4	92,784	3/4	82,498	3/4	72,209	
1	1	153,866	1	144,008	1	133,720	1	123,433	1	113,145	1	102,857	1	92,570	1	82,282	1	71,994	
1 1/4	1 1/4	153,607	1 1/4	143,794	1 1/4	133,506	1 1/4	123,218	1 1/4	112,931	1 1/4	102,643	1 1/4	92,355	1 1/4	82,068	1 1/4	71,780	
1 1/2	1 1/2	153,482	1 1/2	143,579	1 1/2	133,282	1 1/2	123,004	1 1/2	112,716	1 1/2	102,429	1 1/2	92,141	1 1/2	81,853	1 1/2	71,586	
3 1/4	3 1/4	153,357	3 1/4	143,385	3 1/4	133,077	3 1/4	122,790	3 1/4	112,502	3 1/4	102,214	3 1/4	91,927	3 1/4	81,639	3 1/4	71,351	
2	2	153,232	2	143,151	2	132,863	2	122,575	2	112,288	2	102,000	2	91,742	2	81,425	2	71,137	
1 1/4	1 1/4	153,107	1 1/4	142,937	1 1/4	132,649	1 1/4	122,361	1 1/4	112,073	1 1/4	101,785	1 1/4	91,498	1 1/4	81,210	1 1/4	70,923	
1 1/2	1 1/2	152,918	1 1/2	142,722	1 1/2	132,434	1 1/2	122,147	1 1/2	111,859	1 1/2	101,571	1 1/2	91,284	1 1/2	80,996	1 1/2	70,706	
3 1/4	3 1/4	152,729	3 1/4	142,508	3 1/4	132,220	3 1/4	121,932	3 1/4	111,645	3 1/4	101,357	3 1/4	91,069	3 1/4	80,782	3 1/4	70,494	
3	3	152,540	3	142,294	3	132,066	3	121,748	3	111,430	3	101,143	3	90,855	3	80,567	3	70,280	
1 1/4	1 1/4	152,352	1 1/4	142,079	1 1/4	131,791	1 1/4	121,504	1 1/4	111,216	1 1/4	100,928	1 1/4	90,641	1 1/4	80,353	1 1/4	70,065	
1 1/2	1 1/2	152,141	1 1/2	141,865	1 1/2	131,577	1 1/2	121,289	1 1/2	111,002	1 1/2	100,714	1 1/2	90,426	1 1/2	80,139	1 1/2	69,851	
3 1/4	3 1/4	151,930	3 1/4	141,651	3 1/4	131,383	3 1/4	121,075	3 1/4	110,787	3 1/4	100,500	3 1/4	90,212	3 1/4	79,924	3 1/4	69,637	
4	4	151,719	4	141,436	4	131,149	4	120,861	4	110,573	4	100,285	4	89,998	4	79,710	4	69,422	
1 1/4	1 1/4	151,508	1 1/4	141,222	1 1/4	130,934	1 1/4	120,646	1 1/4	110,359	1 1/4	100,071	1 1/4	89,783	1 1/4	79,496	1 1/4	69,208	
1 1/2	1 1/2	151,294	1 1/2	141,008	1 1/2	130,720	1 1/2	120,432	1 1/2	110,144	1 1/2	99,857	1 1/2	89,569	1 1/2	79,281	1 1/2	68,994	
3 1/4	3 1/4	151,080	3 1/4	140,793	3 1/4	130,508	3 1/4	120,218	3 1/4	109,930	3 1/4	99,642	3 1/4	89,355	3 1/4	79,087	3 1/4	68,779	
5	5	150,866	5	140,579	5	130,291	5	120,004	5	109,716	5	99,428	5	89,140	5	78,853	5	68,565	
1 1/4	1 1/4	150,652	1 1/4	140,365	1 1/4	130,077	1 1/4	119,789	1 1/4	109,501	1 1/4	99,214	1 1/4	88,926	1 1/4	78,638	1 1/4	68,351	
1 1/2	1 1/2	150,438	1 1/2	140,150	1 1/2	129,863	1 1/2	119,575	1 1/2	109,287	1 1/2	98,999	1 1/2	88,712	1 1/2	78,424	1 1/2	68,138	
3 1/4	3 1/4	150,223	3 1/4	139,938	3 1/4	129,648	3 1/4	119,361	3 1/4	109,073	3 1/4	98,785	3 1/4	88,497	3 1/4	78,210	3 1/4	67,922	
6	6	150,009	6	139,722	6	129,434	6	119,146	6	108,869	6	98,571	6	88,283	6	77,995	6	67,708	
1 1/4	1 1/4	149,795	1 1/4	139,507	1 1/4	129,220	1 1/4	118,932	1 1/4	108,644	1 1/4	98,356	1 1/4	88,069	1 1/4	77,781	1 1/4	67,493	
1 1/2	1 1/2	149,581	1 1/2	139,293	1 1/2	129,005	1 1/2	118,718	1 1/2	108,430	1 1/2	98,142	1 1/2	87,884	1 1/2	77,567	1 1/2	67,279	
3 1/4	3 1/4	149,366	3 1/4	139,079	3 1/4	128,791	3 1/4	118,503	3 1/4	108,216	3 1/4	97,928	3 1/4	87,640	3 1/4	77,352	3 1/4	67,085	
7	7	149,152	7	138,884	7	128,577	7	118,289	7	108,001	7	97,714	7	87,426	7	77,138	7	66,850	
1 1/4	1 1/4	148,938	1 1/4	138,650	1 1/4	128,362	1 1/4	118,075	1 1/4	107,787	1 1/4	97,499	1 1/4	87,211	1 1/4	76,924	1 1/4	66,636	
1 1/2	1 1/2	148,723	1 1/2	138,436	1 1/2	128,148	1 1/2	117,860	1 1/2	107,573	1 1/2	97,285	1 1/2	86,997	1 1/2	76,709	1 1/2	66,422	
3 1/4	3 1/4	148,509	3 1/4	138,221	3 1/4	127,934	3 1/4	117,646	3 1/4	107,358	3 1/4	97,071	3 1/4	86,783	3 1/4	76,495	3 1/4	66,207	
8	8	148,295	8	138,007	8	127,719	8	117,432	8	107,144	8	96,866	8	86,569	8	76,281	8	65,993	
1 1/4	1 1/4	148,080	1 1/4	137,793	1 1/4	127,505	1 1/4	117,217	1 1/4	106,930	1 1/4	96,642	1 1/4	86,354	1 1/4	76,068	1 1/4	65,779	
1 1/2	1 1/2	147,866	1 1/2	137,578	1 1/2	127,291	1 1/2	117,003	1 1/2	106,715	1 1/2	96,428	1 1/2	86,140	1 1/2	75,852	1 1/2	65,564	
3 1/4	3 1/4	147,652	3 1/4	137,364	3 1/4	127,076	3 1/4	116,789	3 1/4	106,501	3 1/4	96,213	3 1/4	85,926	3 1/4	75,638	3 1/4	65,350	
9	9	147,437	9	137,150	9	126,862	9	116,574	9	106,287	9	95,999	9	85,711	9	75,423	9	65,136	
1 1/4	1 1/4	147,223	1 1/4	136,935	1 1/4	126,648	1 1/4	116,360	1 1/4	106,072	1 1/4	95,785	1 1/4	85,497	1 1/4	75,209	1 1/4	64,921	
1 1/2	1 1/2	147,009	1 1/2	136,721	1 1/2	126,433	1 1/2	116,146	1 1/2	105,859	1 1/2	95,570	1 1/2	85,283	1 1/2	74,995	1 1/2	64,707	
3 1/4	3 1/4	146,794	3 1/4	136,507	3 1/4	126,219	3 1/4	115,931	3 1/4	105,644	3 1/4	95,356	3 1/4	85,068	3 1/4	74,781	3 1/4	64,493	
10	10	146,580	10	136,292	10	126,005	10	115,717	10	105,429	10	95,142	10	84,854	10	74,586	10	64,278	
1 1/4	1 1/4	146,366	1 1/4	136,078	1 1/4	125,790	1 1/4	115,503	1 1/4	105,215	1 1/4	94,927	1 1/4	84,640	1 1/4	74,352	1 1/4	64,064	
1 1/2	1 1/2	146,151	1 1/2	135,864	1 1/2	125,576	1 1/2	115,289	1 1/2	105,001	1 1/2	94,713	1 1/2	84,425	1 1/2	74,138	1 1/2	63,850	
3 1/4	3 1/4	145,937	3 1/4	135,649	3 1/4	125,362	3 1/4	115,074	3 1/4	104,786	3 1/4	94,499	3 1/4	84,211	3 1/4	73,923	3 1/4	63,636	
11	11	145,723	11	135,435	11	125,147	11	114,860	11	104,572	11	94,284	11	83,997	11	73,709	11	63,421	
1 1/4	1 1/4	145,508	1 1/4	135,221	1 1/4	124,933	1 1/4	114,645	1 1/4	104,358	1 1/4	94,070	1 1/4	83,782	1 1/4	73,495	1 1/4	63,207	
1 1/2	1 1/2	145,294	1 1/2	135,006	1 1/2	124,719	1 1/2	114,431	1 1/2	104,143	1 1/2	93,856	1 1/2	83,568	1 1/2	73,280	1 1/2	62,993	
3 1/4	3 1/4	145,080	3 1/4	134,792	3 1/4	124,504	3 1/4	114,217	3 1/4	103,929	3 1/4	93,641	3 1/4	83,354	3 1/4	73,066	3 1/4	62,778	

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2392  
 Pearland, Texas 77668  
<http://www.pmscorp.net>



# BARGE "IB 1306"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 18'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	18 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	62,664	0	52,276	0	41,988	0	31,738	0	21,667	0	11,379	0	1,124	0		0			
1/4	82,360	1/4	52,082	1/4	41,774	1/4	31,530	1/4	21,452	1/4	11,165	1/4	919	1/4					
1/2	62,136	1/2	51,848	1/2	41,560	1/2	31,322	1/2	21,238	1/2	10,951	1/2	772	1/2					
3/4	61,921	3/4	51,633	3/4	41,346	3/4	31,114	3/4	21,024	3/4	10,736	3/4	626	3/4					
1	61,707	1	51,419	1	41,131	1	30,906	1	20,809	1	10,522	1	478	1					
1 1/4	61,492	1 1/4	51,205	1 1/4	40,917	1 1/4	30,698	1 1/4	20,595	1 1/4	10,308	1 1/4	331	1 1/4					
1 1/2	61,278	1 1/2	50,990	1 1/2	40,703	1 1/2	30,490	1 1/2	20,381	1 1/2	10,093	1 1/2	287	1 1/2					
1 3/4	61,064	1 3/4	50,776	1 3/4	40,488	1 3/4	30,282	1 3/4	20,168	1 3/4	9,879	1 3/4	202	1 3/4					
2	60,849	2	50,562	2	40,274	2	30,074	2	19,952	2	9,665	2	138	2					
2 1/4	60,635	2 1/4	50,347	2 1/4	40,060	2 1/4	29,868	2 1/4	19,738	2 1/4	9,450	2 1/4	74	2 1/4					
2 1/2	60,421	2 1/2	50,133	2 1/2	39,845	2 1/2	29,658	2 1/2	19,523	2 1/2	9,236	2 1/2		2 1/2					
2 3/4	60,206	2 3/4	49,919	2 3/4	39,631	2 3/4	29,450	2 3/4	19,309	2 3/4	9,022	2 3/4		3/4					
3	59,992	3	49,704	3	39,417	3	29,242	3	19,095	3	8,808	3		3					
3 1/4	59,778	3 1/4	49,490	3 1/4	39,202	3 1/4	29,034	3 1/4	18,880	3 1/4	8,593	3 1/4		1/4					
3 1/2	59,563	3 1/2	49,276	3 1/2	38,988	3 1/2	28,826	3 1/2	18,666	3 1/2	8,379	3 1/2		1/2					
3 3/4	59,349	3 3/4	49,061	3 3/4	38,774	3 3/4	28,618	3 3/4	18,452	3 3/4	8,165	3 3/4		3/4					
4	59,135	4	48,847	4	38,559	4	28,410	4	18,237	4	7,950	4		4					
4 1/4	58,920	4 1/4	48,633	4 1/4	38,345	4 1/4	28,202	4 1/4	18,023	4 1/4	7,736	4 1/4		1/4					
4 1/2	58,706	4 1/2	48,418	4 1/2	38,131	4 1/2	27,994	4 1/2	17,809	4 1/2	7,522	4 1/2		1/2					
4 3/4	58,492	4 3/4	48,204	4 3/4	37,916	4 3/4	27,786	4 3/4	17,595	4 3/4	7,307	4 3/4		3/4					
5	58,277	5	47,990	5	37,702	5	27,578	5	17,380	5	7,093	5		5					
5 1/4	58,063	5 1/4	47,775	5 1/4	37,488	5 1/4	27,370	5 1/4	17,166	5 1/4	6,879	5 1/4		1/4					
5 1/2	57,849	5 1/2	47,561	5 1/2	37,273	5 1/2	27,152	5 1/2	16,952	5 1/2	6,664	5 1/2		1/2					
5 3/4	57,634	5 3/4	47,347	5 3/4	37,059	5 3/4	26,933	5 3/4	16,737	5 3/4	6,450	5 3/4		3/4					
6	57,420	6	47,132	6	36,845	6	26,715	6	16,523	6	6,236	6		6					
6 1/4	57,206	6 1/4	46,918	6 1/4	36,630	6 1/4	26,507	6 1/4	16,309	6 1/4	6,021	6 1/4		1/4					
6 1/2	56,991	6 1/2	46,704	6 1/2	36,416	6 1/2	26,300	6 1/2	16,094	6 1/2	5,807	6 1/2		1/2					
6 3/4	56,777	6 3/4	46,489	6 3/4	36,202	6 3/4	26,122	6 3/4	15,880	6 3/4	5,593	6 3/4		3/4					
7	56,563	7	46,275	7	35,987	7	25,914	7	15,666	7	5,378	7		7					
7 1/4	56,348	7 1/4	46,061	7 1/4	35,773	7 1/4	25,708	7 1/4	15,451	7 1/4	5,164	7 1/4		1/4					
7 1/2	56,134	7 1/2	45,846	7 1/2	35,559	7 1/2	25,498	7 1/2	15,237	7 1/2	4,950	7 1/2		1/2					
7 3/4	55,920	7 3/4	45,632	7 3/4	35,344	7 3/4	25,290	7 3/4	15,023	7 3/4	4,735	7 3/4		3/4					
8	55,705	8	45,418	8	35,130	8	25,083	8	14,808	8	4,521	8		8					
8 1/4	55,491	8 1/4	45,203	8 1/4	34,916	8 1/4	24,875	8 1/4	14,594	8 1/4	4,307	8 1/4		1/4					
8 1/2	55,277	8 1/2	44,989	8 1/2	34,701	8 1/2	24,662	8 1/2	14,380	8 1/2	4,093	8 1/2		1/2					
8 3/4	55,062	8 3/4	44,775	8 3/4	34,487	8 3/4	24,449	8 3/4	14,165	8 3/4	3,878	8 3/4		3/4					
9	54,848	9	44,560	9	34,273	9	24,237	9	13,951	9	3,664	9		9					
9 1/4	54,634	9 1/4	44,346	9 1/4	34,058	9 1/4	24,024	9 1/4	13,737	9 1/4	3,450	9 1/4		1/4					
9 1/2	54,419	9 1/2	44,132	9 1/2	33,844	9 1/2	23,810	9 1/2	13,522	9 1/2	3,235	9 1/2		1/2					
9 3/4	54,205	9 3/4	43,917	9 3/4	33,630	9 3/4	23,598	9 3/4	13,308	9 3/4	3,021	9 3/4		3/4					
10	53,991	10	43,703	10	33,416	10	23,381	10	13,094	10	2,807	10		10					
10 1/4	53,776	10 1/4	43,489	10 1/4	33,201	10 1/4	23,167	10 1/4	12,880	10 1/4	2,593	10 1/4		1/4					
10 1/2	53,562	10 1/2	43,274	10 1/2	32,991	10 1/2	22,952	10 1/2	12,665	10 1/2	2,380	10 1/2		1/2					
10 3/4	53,348	10 3/4	43,060	10 3/4	32,782	10 3/4	22,738	10 3/4	12,451	10 3/4	2,168	10 3/4		3/4					
11	53,133	11	42,848	11	32,572	11	22,524	11	12,237	11	1,953	11		11					
11 1/4	52,919	11 1/4	42,631	11 1/4	32,363	11 1/4	22,310	11 1/4	12,022	11 1/4	1,739	11 1/4		1/4					
11 1/2	52,705	11 1/2	42,417	11 1/2	32,154	11 1/2	22,095	11 1/2	11,808	11 1/2	1,524	11 1/2		1/2					
11 3/4	52,491	11 3/4	42,203	11 3/4	31,946	11 3/4	21,881	11 3/4	11,594	11 3/4	1,329	11 3/4		3/4					

STRAPPED: 08/26/2019 CL  
CALCULATED: 08/26/2019 CL  
PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
Pearland, Texas 77688  
<http://www.pma.com.net>



# BARGE "IB 1306"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 7/8"

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	154,839	0	145,524	0	135,162	0	124,840	0	114,498	0	104,156	0	93,814	0	83,472	0	73,130	
1/4	1/4	154,781	1/4	145,308	1/4	134,966	1/4	124,625	1/4	114,283	1/4	103,941	1/4	93,599	1/4	83,257	1/4	72,915	
1/2	1/2	154,722	1/2	145,093	1/2	134,751	1/2	124,409	1/2	114,067	1/2	103,725	1/2	93,383	1/2	83,041	1/2	72,699	
3/4	3/4	154,664	3/4	144,877	3/4	134,536	3/4	124,149	3/4	113,682	3/4	103,510	3/4	93,168	3/4	82,826	3/4	72,484	
1	1	154,572	1	144,682	1	134,320	1	123,978	1	113,636	1	103,294	1	92,952	1	82,610	1	72,268	
1 1/4	1 1/4	154,446	1 1/4	144,447	1 1/4	134,105	1 1/4	123,783	1 1/4	113,421	1 1/4	103,079	1 1/4	92,737	1 1/4	82,395	1 1/4	72,053	
1 1/2	1 1/2	154,320	1 1/2	144,231	1 1/2	133,889	1 1/2	123,547	1 1/2	113,205	1 1/2	102,883	1 1/2	92,521	1 1/2	82,180	1 1/2	71,838	
1 3/4	1 3/4	154,195	1 3/4	144,016	1 3/4	133,674	1 3/4	123,332	1 3/4	112,990	1 3/4	102,648	1 3/4	92,306	1 3/4	81,864	1 3/4	71,622	
2	2	154,037	2	143,800	2	133,458	2	123,116	2	112,774	2	102,432	2	92,091	2	81,749	2	71,407	
2 1/4	2 1/4	153,847	2 1/4	143,585	2 1/4	133,243	2 1/4	122,901	2 1/4	112,559	2 1/4	102,217	2 1/4	91,875	2 1/4	81,533	2 1/4	71,191	
2 1/2	2 1/2	153,857	2 1/2	143,369	2 1/2	133,027	2 1/2	122,685	2 1/2	112,343	2 1/2	102,002	2 1/2	91,660	2 1/2	81,318	2 1/2	70,976	
2 3/4	2 3/4	153,468	2 3/4	143,164	2 3/4	132,812	2 3/4	122,470	2 3/4	112,128	2 3/4	101,786	2 3/4	91,444	2 3/4	81,102	2 3/4	70,760	
3	3	153,267	3	142,938	3	132,596	3	122,284	3	111,913	3	101,571	3	91,229	3	80,867	3	70,545	
3 1/4	3 1/4	153,055	3 1/4	142,723	3 1/4	132,381	3 1/4	122,039	3 1/4	111,697	3 1/4	101,355	3 1/4	91,013	3 1/4	80,671	3 1/4	70,329	
3 1/2	3 1/2	152,842	3 1/2	142,507	3 1/2	132,166	3 1/2	121,824	3 1/2	111,482	3 1/2	101,140	3 1/2	90,798	3 1/2	80,458	3 1/2	70,114	
3 3/4	3 3/4	152,630	3 3/4	142,292	3 3/4	131,950	3 3/4	121,608	3 3/4	111,266	3 3/4	100,924	3 3/4	90,582	3 3/4	80,240	3 3/4	69,898	
4	4	152,417	4	142,077	4	131,735	4	121,393	4	111,051	4	100,709	4	90,367	4	80,025	4	69,683	
4 1/4	4 1/4	152,202	4 1/4	141,861	4 1/4	131,519	4 1/4	121,177	4 1/4	110,835	4 1/4	100,493	4 1/4	90,161	4 1/4	79,809	4 1/4	69,488	
4 1/2	4 1/2	151,987	4 1/2	141,646	4 1/2	131,304	4 1/2	120,962	4 1/2	110,620	4 1/2	100,278	4 1/2	89,936	4 1/2	79,594	4 1/2	69,252	
4 3/4	4 3/4	151,772	4 3/4	141,430	4 3/4	131,088	4 3/4	120,746	4 3/4	110,404	4 3/4	100,062	4 3/4	89,720	4 3/4	79,379	4 3/4	69,037	
5	5	151,556	5	141,215	5	130,873	5	120,531	5	110,169	5	99,847	5	89,505	5	79,163	5	68,821	
5 1/4	5 1/4	151,341	5 1/4	140,999	5 1/4	130,687	5 1/4	120,315	5 1/4	109,973	5 1/4	99,632	5 1/4	89,290	5 1/4	78,948	5 1/4	68,606	
5 1/2	5 1/2	151,128	5 1/2	140,784	5 1/2	130,442	5 1/2	120,100	5 1/2	109,758	5 1/2	99,416	5 1/2	89,074	5 1/2	78,732	5 1/2	68,390	
5 3/4	5 3/4	150,910	5 3/4	140,588	5 3/4	130,226	5 3/4	119,884	5 3/4	109,543	5 3/4	99,201	5 3/4	88,859	5 3/4	78,517	5 3/4	68,175	
6	6	150,695	6	140,363	6	130,011	6	119,669	6	109,327	6	98,985	6	88,643	6	78,301	6	67,959	
6 1/4	6 1/4	150,479	6 1/4	140,137	6 1/4	129,795	6 1/4	119,454	6 1/4	109,112	6 1/4	98,770	6 1/4	88,428	6 1/4	78,086	6 1/4	67,744	
6 1/2	6 1/2	150,264	6 1/2	139,922	6 1/2	129,580	6 1/2	119,238	6 1/2	108,896	6 1/2	98,554	6 1/2	88,212	6 1/2	77,870	6 1/2	67,522	
6 3/4	6 3/4	150,048	6 3/4	139,706	6 3/4	129,365	6 3/4	119,023	6 3/4	108,681	6 3/4	98,338	6 3/4	87,997	6 3/4	77,655	6 3/4	67,310	
7	7	149,833	7	139,491	7	129,149	7	118,807	7	108,465	7	98,123	7	87,781	7	77,439	7	67,098	
7 1/4	7 1/4	149,618	7 1/4	139,276	7 1/4	128,934	7 1/4	118,592	7 1/4	108,250	7 1/4	97,908	7 1/4	87,566	7 1/4	77,224	7 1/4	66,882	
7 1/2	7 1/2	149,402	7 1/2	139,060	7 1/2	128,718	7 1/2	118,376	7 1/2	108,034	7 1/2	97,692	7 1/2	87,350	7 1/2	77,009	7 1/2	66,667	
7 3/4	7 3/4	149,187	7 3/4	138,845	7 3/4	128,603	7 3/4	118,161	7 3/4	107,819	7 3/4	97,477	7 3/4	87,135	7 3/4	76,793	7 3/4	66,451	
8	8	148,971	8	138,629	8	128,387	8	117,945	8	107,603	8	97,261	8	86,920	8	76,578	8	66,238	
8 1/4	8 1/4	148,756	8 1/4	138,414	8 1/4	128,172	8 1/4	117,730	8 1/4	107,388	8 1/4	97,048	8 1/4	86,704	8 1/4	76,362	8 1/4	66,020	
8 1/2	8 1/2	148,540	8 1/2	138,198	8 1/2	127,956	8 1/2	117,514	8 1/2	107,173	8 1/2	96,831	8 1/2	86,489	8 1/2	76,147	8 1/2	65,805	
8 3/4	8 3/4	148,325	8 3/4	137,983	8 3/4	127,841	8 3/4	117,299	8 3/4	106,957	8 3/4	96,615	8 3/4	86,273	8 3/4	75,931	8 3/4	65,589	
9	9	148,109	9	137,767	9	127,425	9	117,084	9	106,742	9	96,400	9	86,068	9	75,716	9	65,374	
9 1/4	9 1/4	147,894	9 1/4	137,552	9 1/4	127,210	9 1/4	116,868	9 1/4	106,526	9 1/4	96,184	9 1/4	85,842	9 1/4	75,500	9 1/4	65,168	
9 1/2	9 1/2	147,678	9 1/2	137,336	9 1/2	126,995	9 1/2	116,653	9 1/2	106,311	9 1/2	95,989	9 1/2	85,627	9 1/2	75,285	9 1/2	64,943	
9 3/4	9 3/4	147,463	9 3/4	137,121	9 3/4	126,779	9 3/4	116,437	9 3/4	106,095	9 3/4	95,763	9 3/4	85,411	9 3/4	75,069	9 3/4	64,727	
10	10	147,247	10	136,906	10	126,564	10	116,222	10	105,880	10	95,538	10	85,198	10	74,854	10	64,512	
10 1/4	10 1/4	147,032	10 1/4	136,690	10 1/4	126,348	10 1/4	116,006	10 1/4	105,664	10 1/4	95,322	10 1/4	84,980	10 1/4	74,639	10 1/4	64,297	
10 1/2	10 1/2	146,817	10 1/2	136,475	10 1/2	126,133	10 1/2	115,791	10 1/2	105,449	10 1/2	95,107	10 1/2	84,765	10 1/2	74,423	10 1/2	64,081	
10 3/4	10 3/4	146,601	10 3/4	136,259	10 3/4	125,917	10 3/4	115,576	10 3/4	105,233	10 3/4	94,891	10 3/4	84,560	10 3/4	74,208	10 3/4	63,866	
11	11	146,386	11	136,044	11	125,702	11	115,360	11	105,018	11	94,678	11	84,334	11	73,992	11	63,650	
11 1/4	11 1/4	146,170	11 1/4	135,828	11 1/4	125,486	11 1/4	115,144	11 1/4	104,802	11 1/4	94,461	11 1/4	84,119	11 1/4	73,777	11 1/4	63,435	
11 1/2	11 1/2	145,955	11 1/2	135,613	11 1/2	125,271	11 1/2	114,929	11 1/2	104,587	11 1/2	94,245	11 1/2	83,903	11 1/2	73,561	11 1/2	63,219	
11 3/4	11 3/4	145,739	11 3/4	135,397	11 3/4	125,055	11 3/4	114,713	11 3/4	104,372	11 3/4	94,030	11 3/4	83,688	11 3/4	73,346	11 3/4	63,004	

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77688  
<http://www.pmacorp.net>



# BARGE "IB 1306"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 7/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	82,788	0	52,446	0	42,105	0	31,768	0	21,457	0	11,116	0	850	0	0	0	0	0	0
1/4	82,573	1/4	52,231	1/4	41,889	1/4	31,553	1/4	21,242	1/4	10,901	1/4	702	1/4					
1/2	82,357	1/2	52,016	1/2	41,674	1/2	31,339	1/2	21,027	1/2	10,685	1/2	554	1/2					
3/4	82,142	3/4	51,800	3/4	41,458	3/4	31,124	3/4	20,811	3/4	10,470	3/4	406	3/4					
1	81,927	1	51,585	1	41,243	1	30,910	1	20,596	1	10,254	1	300	1					
1 1/4	81,711	1 1/4	51,369	1 1/4	41,027	1 1/4	30,695	1 1/4	20,380	1 1/4	10,039	1 1/4	235	1 1/4					
1 1/2	81,496	1 1/2	51,154	1 1/2	40,812	1 1/2	30,481	1 1/2	20,165	1 1/2	9,823	1 1/2	171	1 1/2					
1 3/4	81,280	1 3/4	50,938	1 3/4	40,596	1 3/4	30,266	1 3/4	19,949	1 3/4	9,608	1 3/4	106	1 3/4					
2	81,065	2	50,723	2	40,381	2	30,052	2	19,734	2	9,392	2	74	2					
2 1/4	80,849	2 1/4	50,507	2 1/4	40,165	2 1/4	29,837	2 1/4	19,518	2 1/4	9,177	2 1/4		2 1/4					
2 1/2	80,634	2 1/2	50,292	2 1/2	39,950	2 1/2	29,623	2 1/2	19,303	2 1/2	8,961	2 1/2		2 1/2					
2 3/4	80,418	2 3/4	50,076	2 3/4	39,734	2 3/4	29,408	2 3/4	19,088	2 3/4	8,746	2 3/4		2 3/4					
3	80,203	3	49,861	3	39,519	3	29,194	3	18,872	3	8,531	3		3					
3 1/4	79,987	3 1/4	49,646	3 1/4	39,304	3 1/4	28,979	3 1/4	18,657	3 1/4	8,316	3 1/4		3 1/4					
3 1/2	79,772	3 1/2	49,430	3 1/2	39,088	3 1/2	28,765	3 1/2	18,441	3 1/2	8,100	3 1/2		3 1/2					
3 3/4	79,557	3 3/4	49,215	3 3/4	38,873	3 3/4	28,550	3 3/4	18,226	3 3/4	7,884	3 3/4		3 3/4					
4	79,341	4	48,999	4	38,657	4	28,336	4	18,010	4	7,669	4		4					
4 1/4	79,126	4 1/4	48,784	4 1/4	38,442	4 1/4	28,121	4 1/4	17,795	4 1/4	7,453	4 1/4		4 1/4					
4 1/2	78,910	4 1/2	48,568	4 1/2	38,226	4 1/2	27,907	4 1/2	17,579	4 1/2	7,238	4 1/2		4 1/2					
4 3/4	78,695	4 3/4	48,353	4 3/4	38,011	4 3/4	27,692	4 3/4	17,364	4 3/4	7,022	4 3/4		4 3/4					
5	78,479	5	48,137	5	37,795	5	27,478	5	17,148	5	6,807	5		5					
5 1/4	78,264	5 1/4	47,922	5 1/4	37,580	5 1/4	27,263	5 1/4	16,933	5 1/4	6,592	5 1/4		5 1/4					
5 1/2	78,048	5 1/2	47,706	5 1/2	37,364	5 1/2	27,049	5 1/2	16,718	5 1/2	6,376	5 1/2		5 1/2					
5 3/4	77,833	5 3/4	47,491	5 3/4	37,149	5 3/4	26,835	5 3/4	16,502	5 3/4	6,161	5 3/4		5 3/4					
6	77,617	6	47,275	6	36,934	6	26,620	6	16,287	6	5,945	6		6					
6 1/4	77,402	6 1/4	47,060	6 1/4	36,718	6 1/4	26,408	6 1/4	16,071	6 1/4	5,730	6 1/4		6 1/4					
6 1/2	77,187	6 1/2	46,845	6 1/2	36,503	6 1/2	26,191	6 1/2	15,856	6 1/2	5,514	6 1/2		6 1/2					
6 3/4	76,971	6 3/4	46,629	6 3/4	36,287	6 3/4	25,977	6 3/4	15,640	6 3/4	5,299	6 3/4		6 3/4					
7	76,756	7	46,414	7	36,072	7	25,762	7	15,425	7	5,083	7		7					
7 1/4	76,540	7 1/4	46,198	7 1/4	35,856	7 1/4	25,546	7 1/4	15,209	7 1/4	4,868	7 1/4		7 1/4					
7 1/2	76,325	7 1/2	45,983	7 1/2	35,641	7 1/2	25,333	7 1/2	14,994	7 1/2	4,653	7 1/2		7 1/2					
7 3/4	76,109	7 3/4	45,767	7 3/4	35,425	7 3/4	25,119	7 3/4	14,779	7 3/4	4,437	7 3/4		7 3/4					
8	75,894	8	45,552	8	35,210	8	24,904	8	14,563	8	4,222	8		8					
8 1/4	75,678	8 1/4	45,336	8 1/4	34,994	8 1/4	24,689	8 1/4	14,348	8 1/4	4,006	8 1/4		8 1/4					
8 1/2	75,463	8 1/2	45,121	8 1/2	34,779	8 1/2	24,473	8 1/2	14,132	8 1/2	3,791	8 1/2		8 1/2					
8 3/4	75,247	8 3/4	44,905	8 3/4	34,564	8 3/4	24,258	8 3/4	13,917	8 3/4	3,575	8 3/4		8 3/4					
9	75,032	9	44,690	9	34,348	9	24,043	9	13,701	9	3,360	9		9					
9 1/4	74,816	9 1/4	44,475	9 1/4	34,133	9 1/4	23,827	9 1/4	13,486	9 1/4	3,145	9 1/4		9 1/4					
9 1/2	74,601	9 1/2	44,259	9 1/2	33,917	9 1/2	23,612	9 1/2	13,270	9 1/2	2,929	9 1/2		9 1/2					
9 3/4	74,386	9 3/4	44,044	9 3/4	33,702	9 3/4	23,396	9 3/4	13,055	9 3/4	2,714	9 3/4		9 3/4					
10	74,170	10	43,828	10	33,487	10	23,181	10	12,840	10	2,499	10		10					
10 1/4	73,955	10 1/4	43,613	10 1/4	33,272	10 1/4	22,966	10 1/4	12,624	10 1/4	2,285	10 1/4		10 1/4					
10 1/2	73,739	10 1/2	43,397	10 1/2	33,057	10 1/2	22,750	10 1/2	12,409	10 1/2	2,070	10 1/2		10 1/2					
10 3/4	73,524	10 3/4	43,182	10 3/4	32,842	10 3/4	22,535	10 3/4	12,193	10 3/4	1,855	10 3/4		10 3/4					
11	73,308	11	42,966	11	32,627	11	22,319	11	11,978	11	1,645	11		11					
11 1/4	73,093	11 1/4	42,751	11 1/4	32,412	11 1/4	22,104	11 1/4	11,762	11 1/4	1,430	11 1/4		11 1/4					
11 1/2	72,877	11 1/2	42,535	11 1/2	32,197	11 1/2	21,889	11 1/2	11,547	11 1/2	1,213	11 1/2		11 1/2					
11 3/4	72,662	11 3/4	42,320	11 3/4	31,983	11 3/4	21,673	11 3/4	11,331	11 3/4	1,027	11 3/4		11 3/4					

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PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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