

Gallons



### BARGE "IB 1314" 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"

March 17, 2020

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

<http://www.pmacorp.net>



# BARGE "IB 1314"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	170,434	0	161,323	0	151,146	0	140,968	0	130,791	0	120,647	0	108,166	0	96,257	0	84,359	
1/4	1/4	170,413	1/4	161,111	1/4	150,934	1/4	140,756	1/4	130,579	1/4	119,800	1/4	107,907	1/4	96,009	1/4	84,111	
1/2	1/2	170,346	1/2	160,899	1/2	150,722	1/2	140,544	1/2	130,367	1/2	119,552	1/2	107,660	1/2	95,781	1/2	83,863	
3/4	3/4	170,279	3/4	160,687	3/4	150,510	3/4	140,332	3/4	130,165	3/4	119,305	3/4	107,412	3/4	95,513	3/4	83,615	
1	1	170,212	1	160,475	1	150,298	1	140,120	1	129,943	1	119,057	1	107,184	1	95,265	1	83,367	
1 1/4	1 1/4	170,144	1 1/4	160,263	1 1/4	150,085	1 1/4	139,908	1 1/4	129,731	1 1/4	118,810	1 1/4	106,916	1 1/4	95,017	1 1/4	83,119	
1 1/2	1 1/2	170,000	1 1/2	160,051	1 1/2	149,873	1 1/2	139,898	1 1/2	129,519	1 1/2	118,562	1 1/2	106,668	1 1/2	94,770	1 1/2	82,871	
3/4	3/4	169,855	3/4	159,839	3/4	149,661	3/4	139,484	3/4	129,307	3/4	118,315	3/4	106,420	3/4	94,522	3/4	82,623	
2	2	169,710	2	159,627	2	149,449	2	139,272	2	129,095	2	118,067	2	106,172	2	94,274	2	82,375	
1 1/4	1 1/4	169,565	1 1/4	159,415	1 1/4	149,237	1 1/4	139,080	1 1/4	128,883	1 1/4	117,820	1 1/4	105,924	1 1/4	94,028	1 1/4	82,128	
1 1/2	1 1/2	169,360	1 1/2	159,203	1 1/2	149,025	1 1/2	138,848	1 1/2	128,671	1 1/2	117,572	1 1/2	105,678	1 1/2	93,778	1 1/2	81,880	
3/4	3/4	169,155	3/4	158,991	3/4	148,813	3/4	138,636	3/4	128,458	3/4	117,325	3/4	105,429	3/4	93,530	3/4	81,633	
3	3	168,950	3	158,779	3	148,601	3	138,424	3	128,247	3	117,077	3	105,181	3	93,282	3	81,386	
1 1/4	1 1/4	168,744	1 1/4	158,567	1 1/4	148,389	1 1/4	138,212	1 1/4	128,035	1 1/4	116,823	1 1/4	104,933	1 1/4	93,034	1 1/4	81,138	
1 1/2	1 1/2	168,532	1 1/2	158,355	1 1/2	148,177	1 1/2	138,000	1 1/2	127,823	1 1/2	116,582	1 1/2	104,685	1 1/2	92,787	1 1/2	80,892	
3/4	3/4	168,319	3/4	158,143	3/4	147,965	3/4	137,788	3/4	127,611	3/4	116,334	3/4	104,437	3/4	92,539	3/4	80,646	
4	4	168,106	4	167,930	4	147,753	4	137,576	4	127,399	4	116,087	4	104,189	4	92,291	4	80,399	
1 1/4	1 1/4	167,893	1 1/4	167,718	1 1/4	147,541	1 1/4	137,384	1 1/4	127,187	1 1/4	115,839	1 1/4	103,941	1 1/4	92,043	1 1/4	80,152	
1 1/2	1 1/2	167,682	1 1/2	167,506	1 1/2	147,329	1 1/2	137,162	1 1/2	126,975	1 1/2	115,592	1 1/2	103,693	1 1/2	91,795	1 1/2	79,905	
3/4	3/4	167,470	3/4	167,294	3/4	147,117	3/4	136,940	3/4	126,763	3/4	115,344	3/4	103,446	3/4	91,547	3/4	79,658	
5	5	167,259	5	167,082	5	146,905	5	136,728	5	126,550	5	115,096	5	103,198	5	91,299	5	79,411	
1 1/4	1 1/4	167,047	1 1/4	166,870	1 1/4	146,693	1 1/4	136,516	1 1/4	126,338	1 1/4	114,848	1 1/4	102,950	1 1/4	91,051	1 1/4	79,165	
1 1/2	1 1/2	166,835	1 1/2	166,658	1 1/2	146,481	1 1/2	136,304	1 1/2	126,126	1 1/2	114,600	1 1/2	102,702	1 1/2	90,803	1 1/2	78,918	
3/4	3/4	166,623	3/4	166,446	3/4	146,269	3/4	136,092	3/4	125,914	3/4	114,352	3/4	102,454	3/4	90,555	3/4	78,671	
6	6	166,412	6	166,234	6	146,057	6	135,880	6	125,702	6	114,104	6	102,206	6	90,308	6	78,424	
1 1/4	1 1/4	166,200	1 1/4	166,022	1 1/4	145,845	1 1/4	135,668	1 1/4	125,490	1 1/4	113,857	1 1/4	101,958	1 1/4	90,060	1 1/4	78,177	
1 1/2	1 1/2	165,988	1 1/2	165,810	1 1/2	145,633	1 1/2	135,456	1 1/2	125,278	1 1/2	113,609	1 1/2	101,710	1 1/2	89,812	1 1/2	77,930	
3/4	3/4	165,776	3/4	165,598	3/4	145,421	3/4	135,244	3/4	125,066	3/4	113,361	3/4	101,462	3/4	89,564	3/4	77,684	
7	7	165,563	7	165,386	7	145,209	7	135,032	7	124,854	7	113,113	7	101,215	7	89,316	7	77,437	
1 1/4	1 1/4	165,351	1 1/4	165,174	1 1/4	144,997	1 1/4	134,820	1 1/4	124,642	1 1/4	112,865	1 1/4	100,967	1 1/4	89,068	1 1/4	77,190	
1 1/2	1 1/2	165,139	1 1/2	164,962	1 1/2	144,785	1 1/2	134,608	1 1/2	124,417	1 1/2	112,617	1 1/2	100,719	1 1/2	88,820	1 1/2	76,943	
3/4	3/4	164,927	3/4	164,750	3/4	144,573	3/4	134,395	3/4	124,192	3/4	112,369	3/4	100,471	3/4	88,573	3/4	76,696	
8	8	164,715	8	164,538	8	144,361	8	134,183	8	123,987	8	112,121	8	100,223	8	88,325	8	76,449	
1 1/4	1 1/4	164,503	1 1/4	164,326	1 1/4	144,149	1 1/4	133,971	1 1/4	123,742	1 1/4	111,874	1 1/4	99,975	1 1/4	88,077	1 1/4	76,203	
1 1/2	1 1/2	164,291	1 1/2	164,114	1 1/2	143,937	1 1/2	133,759	1 1/2	123,498	1 1/2	111,626	1 1/2	99,727	1 1/2	87,829	1 1/2	75,956	
3/4	3/4	164,079	3/4	163,902	3/4	143,725	3/4	133,547	3/4	123,258	3/4	111,378	3/4	99,479	3/4	87,581	3/4	75,709	
9	9	163,867	9	163,690	9	143,513	9	133,335	9	123,013	9	111,130	9	99,232	9	87,333	9	75,462	
1 1/4	1 1/4	163,655	1 1/4	163,478	1 1/4	143,301	1 1/4	133,123	1 1/4	122,770	1 1/4	110,882	1 1/4	98,984	1 1/4	87,085	1 1/4	75,216	
1 1/2	1 1/2	163,443	1 1/2	163,266	1 1/2	143,089	1 1/2	132,911	1 1/2	122,523	1 1/2	110,634	1 1/2	98,736	1 1/2	86,837	1 1/2	74,968	
3/4	3/4	163,231	3/4	163,054	3/4	142,877	3/4	132,699	3/4	122,275	3/4	110,386	3/4	98,488	3/4	86,589	3/4	74,722	
10	10	163,019	10	162,842	10	142,665	10	132,487	10	122,028	10	110,138	10	98,240	10	86,342	10	74,475	
1 1/4	1 1/4	162,807	1 1/4	162,630	1 1/4	142,453	1 1/4	132,275	1 1/4	121,780	1 1/4	109,890	1 1/4	97,992	1 1/4	86,094	1 1/4	74,228	
1 1/2	1 1/2	162,595	1 1/2	162,418	1 1/2	142,240	1 1/2	132,063	1 1/2	121,533	1 1/2	109,643	1 1/2	97,744	1 1/2	85,846	1 1/2	73,981	
3/4	3/4	162,383	3/4	162,206	3/4	142,028	3/4	131,851	3/4	121,285	3/4	109,395	3/4	97,496	3/4	85,598	3/4	73,734	
11	11	162,171	11	161,994	11	141,816	11	131,639	11	121,037	11	109,147	11	97,248	11	85,350	11	73,487	
1 1/4	1 1/4	161,959	1 1/4	161,782	1 1/4	141,604	1 1/4	131,427	1 1/4	120,790	1 1/4	108,899	1 1/4	97,001	1 1/4	85,102	1 1/4	73,241	
1 1/2	1 1/2	161,747	1 1/2	161,570	1 1/2	141,392	1 1/2	131,215	1 1/2	120,542	1 1/2	108,651	1 1/2	96,753	1 1/2	84,854	1 1/2	72,994	
3/4	3/4	161,535	3/4	161,358	3/4	141,180	3/4	131,003	3/4	120,295	3/4	108,403	3/4	96,505	3/4	84,606	3/4	72,747	

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 2082  
 Pearland, Texas 77668  
<http://www.pmacorp.net>



# BARGE "IB 1314"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	72,500	0	80,608	0	48,715	0	36,872	0	26,248	0	13,335	0	1,447	0	0	0	0	0	0
1/4	72,253	1/4	80,361	1/4	48,467	1/4	36,633	1/4	24,989	1/4	13,087	1/4	1,210	1/4					
1/2	72,006	1/2	80,113	1/2	48,219	1/2	36,393	1/2	24,751	1/2	12,838	1/2	1,039	1/2					
3/4	71,758	3/4	79,865	3/4	47,971	3/4	36,154	3/4	24,503	3/4	12,590	3/4	869	3/4					
1	71,511	1	79,617	1	47,724	1	35,915	1	24,255	1	12,342	1	699	1					
1 1/4	71,263	1 1/4	79,369	1 1/4	47,476	1 1/4	35,675	1 1/4	24,007	1 1/4	12,093	1 1/4	528	1 1/4					
1 1/2	71,015	1 1/2	79,122	1 1/2	47,228	1 1/2	35,436	1 1/2	23,759	1 1/2	11,845	1 1/2	454	1 1/2					
3/4	70,768	3/4	78,874	3/4	46,980	3/4	35,197	3/4	23,511	3/4	11,596	3/4	379	3/4					
2	70,520	2	78,626	2	46,732	2	34,957	2	23,263	2	11,348	2	305	2					
1 1/4	70,272	1 1/4	78,378	1 1/4	46,485	1 1/4	34,718	1 1/4	23,015	1 1/4	11,099	1 1/4	230	1 1/4					
1 1/2	70,024	1 1/2	78,131	1 1/2	46,237	1 1/2	34,479	1 1/2	22,767	1 1/2	10,851	1 1/2		1 1/2					
3/4	69,776	3/4	77,883	3/4	45,989	3/4	34,239	3/4	22,519	3/4	10,603	3/4		3/4					
3	69,529	3	77,635	3	45,741	3	34,000	3	22,271	3	10,354	3		3					
1 1/4	69,281	1 1/4	77,387	1 1/4	45,494	1 1/4	33,761	1 1/4	22,023	1 1/4	10,106	1 1/4		1 1/4					
1 1/2	69,033	1 1/2	77,139	1 1/2	45,246	1 1/2	33,521	1 1/2	21,775	1 1/2	9,857	1 1/2		1 1/2					
3/4	68,785	3/4	76,892	3/4	44,998	3/4	33,282	3/4	21,527	3/4	9,609	3/4		3/4					
4	68,538	4	76,644	4	44,750	4	33,043	4	21,279	4	9,360	4		4					
1 1/4	68,290	1 1/4	76,396	1 1/4	44,502	1 1/4	32,803	1 1/4	21,032	1 1/4	9,112	1 1/4		1 1/4					
1 1/2	68,042	1 1/2	76,148	1 1/2	44,255	1 1/2	32,564	1 1/2	20,784	1 1/2	8,863	1 1/2		1 1/2					
3/4	67,794	3/4	75,901	3/4	44,007	3/4	32,325	3/4	20,536	3/4	8,615	3/4		3/4					
5	67,546	5	75,653	5	43,759	5	32,085	5	20,288	5	8,367	5		5					
1 1/4	67,299	1 1/4	75,405	1 1/4	43,511	1 1/4	31,846	1 1/4	20,040	1 1/4	8,118	1 1/4		1 1/4					
1 1/2	67,051	1 1/2	75,157	1 1/2	43,264	1 1/2	31,607	1 1/2	19,792	1 1/2	7,870	1 1/2		1 1/2					
3/4	66,803	3/4	74,909	3/4	43,016	3/4	31,367	3/4	19,544	3/4	7,621	3/4		3/4					
6	66,555	6	74,662	6	42,768	6	31,128	6	19,296	6	7,373	6		6					
1 1/4	66,307	1 1/4	74,414	1 1/4	42,520	1 1/4	30,889	1 1/4	19,048	1 1/4	7,124	1 1/4		1 1/4					
1 1/2	66,060	1 1/2	74,166	1 1/2	42,272	1 1/2	30,648	1 1/2	18,800	1 1/2	6,876	1 1/2		1 1/2					
3/4	65,812	3/4	73,918	3/4	42,025	3/4	30,407	3/4	18,551	3/4	6,628	3/4		3/4					
7	65,564	7	73,670	7	41,777	7	30,168	7	18,303	7	6,379	7		7					
1 1/4	65,316	1 1/4	73,423	1 1/4	41,529	1 1/4	29,925	1 1/4	18,055	1 1/4	6,131	1 1/4		1 1/4					
1 1/2	65,069	1 1/2	73,175	1 1/2	41,281	1 1/2	29,683	1 1/2	17,806	1 1/2	5,882	1 1/2		1 1/2					
3/4	64,821	3/4	72,927	3/4	41,033	3/4	29,442	3/4	17,558	3/4	5,634	3/4		3/4					
8	64,573	8	72,679	8	40,786	8	29,201	8	17,310	8	5,385	8		8					
1 1/4	64,325	1 1/4	72,432	1 1/4	40,538	1 1/4	28,959	1 1/4	17,061	1 1/4	5,137	1 1/4		1 1/4					
1 1/2	64,077	1 1/2	72,184	1 1/2	40,290	1 1/2	28,713	1 1/2	16,813	1 1/2	4,889	1 1/2		1 1/2					
3/4	63,830	3/4	71,936	3/4	40,042	3/4	28,466	3/4	16,564	3/4	4,640	3/4		3/4					
9	63,582	9	71,688	9	39,795	9	28,220	9	16,316	9	4,392	9		9					
1 1/4	63,334	1 1/4	71,440	1 1/4	39,547	1 1/4	27,974	1 1/4	16,067	1 1/4	4,143	1 1/4		1 1/4					
1 1/2	63,086	1 1/2	71,193	1 1/2	39,299	1 1/2	27,726	1 1/2	15,819	1 1/2	3,895	1 1/2		1 1/2					
3/4	62,838	3/4	70,945	3/4	39,051	3/4	27,478	3/4	15,571	3/4	3,647	3/4		3/4					
10	62,591	10	70,697	10	38,803	10	27,230	10	15,322	10	3,399	10		10					
1 1/4	62,343	1 1/4	70,449	1 1/4	38,555	1 1/4	26,982	1 1/4	15,074	1 1/4	3,150	1 1/4		1 1/4					
1 1/2	62,095	1 1/2	70,201	1 1/2	38,314	1 1/2	26,734	1 1/2	14,826	1 1/2	2,903	1 1/2		1 1/2					
3/4	61,847	3/4	69,954	3/4	38,073	3/4	26,486	3/4	14,577	3/4	2,655	3/4		3/4					
11	61,600	11	69,706	11	37,831	11	26,238	11	14,329	11	2,408	11		11					
1 1/4	61,352	1 1/4	69,458	1 1/4	37,589	1 1/4	25,990	1 1/4	14,080	1 1/4	2,161	1 1/4		1 1/4					
1 1/2	61,104	1 1/2	69,210	1 1/2	37,350	1 1/2	25,742	1 1/2	13,832	1 1/2	1,923	1 1/2		1 1/2					
3/4	60,856	3/4	68,963	3/4	37,111	3/4	25,494	3/4	13,584	3/4	1,685	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/16/2020 CL  
CALCULATED: 03/17/2020 CL  
PRINTED: 03/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
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<http://www.dmacorp.net>



# BARGE "IB 1314"

## 2 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	153,895	0	144,318	0	134,039	0	123,760	0	113,481	0	103,201	0	92,922	0	82,643	0	72,364	
1/8	1/8	153,597	1/8	144,104	1/8	133,825	1/8	123,546	1/8	113,287	1/8	102,987	1/8	92,708	1/8	82,429	1/8	72,149	
1/4	1/4	153,539	1/4	143,890	1/4	133,811	1/4	123,332	1/4	113,052	1/4	102,773	1/4	92,494	1/4	82,215	1/4	71,936	
3/4	3/4	153,481	3/4	143,876	3/4	133,397	3/4	123,117	3/4	112,838	3/4	102,559	3/4	92,280	3/4	82,000	3/4	71,721	
1	1	153,366	1	143,462	1	133,193	1	122,903	1	112,624	1	102,345	1	92,065	1	81,786	1	71,507	
1 1/8	1 1/8	153,231	1 1/8	143,246	1 1/8	132,988	1 1/8	122,689	1 1/8	112,410	1 1/8	102,131	1 1/8	91,851	1 1/8	81,572	1 1/8	71,293	
1 1/4	1 1/4	153,106	1 1/4	143,034	1 1/4	132,754	1 1/4	122,475	1 1/4	112,186	1 1/4	101,916	1 1/4	91,637	1 1/4	81,358	1 1/4	71,079	
1 1/2	1 1/2	152,981	1 1/2	142,819	1 1/2	132,540	1 1/2	122,261	1 1/2	111,982	1 1/2	101,702	1 1/2	91,423	1 1/2	81,144	1 1/2	70,864	
2	2	152,793	2	142,605	2	132,328	2	122,047	2	111,787	2	101,488	2	91,209	2	80,930	2	70,650	
2 1/8	2 1/8	152,604	2 1/8	142,391	2 1/8	132,112	2 1/8	121,833	2 1/8	111,553	2 1/8	101,274	2 1/8	90,995	2 1/8	80,715	2 1/8	70,438	
2 1/4	2 1/4	152,416	2 1/4	142,177	2 1/4	131,898	2 1/4	121,618	2 1/4	111,339	2 1/4	101,080	2 1/4	90,781	2 1/4	80,501	2 1/4	70,222	
2 1/2	2 1/2	152,227	2 1/2	141,963	2 1/2	131,684	2 1/2	121,404	2 1/2	111,125	2 1/2	100,848	2 1/2	90,566	2 1/2	80,287	2 1/2	70,008	
3	3	152,018	3	141,749	3	131,469	3	121,190	3	110,911	3	100,632	3	90,352	3	80,073	3	69,794	
3 1/8	3 1/8	151,805	3 1/8	141,535	3 1/8	131,255	3 1/8	120,976	3 1/8	110,697	3 1/8	100,417	3 1/8	90,138	3 1/8	79,859	3 1/8	69,580	
3 1/4	3 1/4	151,594	3 1/4	141,320	3 1/4	131,041	3 1/4	120,762	3 1/4	110,483	3 1/4	100,203	3 1/4	89,924	3 1/4	79,645	3 1/4	69,365	
3 1/2	3 1/2	151,384	3 1/2	141,106	3 1/2	130,827	3 1/2	120,548	3 1/2	110,268	3 1/2	99,989	3 1/2	89,710	3 1/2	79,431	3 1/2	69,151	
4	4	151,174	4	140,892	4	130,613	4	120,334	4	110,054	4	99,775	4	89,496	4	79,216	4	68,937	
4 1/8	4 1/8	150,966	4 1/8	140,678	4 1/8	130,399	4 1/8	120,119	4 1/8	109,840	4 1/8	99,561	4 1/8	89,282	4 1/8	79,002	4 1/8	68,723	
4 1/4	4 1/4	150,758	4 1/4	140,464	4 1/4	130,184	4 1/4	119,905	4 1/4	109,626	4 1/4	99,347	4 1/4	89,067	4 1/4	78,788	4 1/4	68,509	
4 1/2	4 1/2	150,550	4 1/2	140,250	4 1/2	129,970	4 1/2	119,691	4 1/2	109,412	4 1/2	99,132	4 1/2	88,853	4 1/2	78,574	4 1/2	68,295	
5	5	150,315	5	140,035	5	129,756	5	119,477	5	109,198	5	98,918	5	88,639	5	78,360	5	68,081	
5 1/8	5 1/8	150,100	5 1/8	139,821	5 1/8	129,542	5 1/8	119,263	5 1/8	108,983	5 1/8	98,704	5 1/8	88,425	5 1/8	78,146	5 1/8	67,866	
5 1/4	5 1/4	149,886	5 1/4	139,607	5 1/4	129,328	5 1/4	119,049	5 1/4	108,768	5 1/4	98,480	5 1/4	88,211	5 1/4	77,931	5 1/4	67,652	
5 1/2	5 1/2	149,672	5 1/2	139,393	5 1/2	129,114	5 1/2	118,834	5 1/2	108,555	5 1/2	98,276	5 1/2	87,997	5 1/2	77,717	5 1/2	67,438	
6	6	149,458	6	139,179	6	128,900	6	118,620	6	108,341	6	98,062	6	87,782	6	77,503	6	67,224	
6 1/8	6 1/8	149,244	6 1/8	138,965	6 1/8	128,685	6 1/8	118,406	6 1/8	108,127	6 1/8	97,848	6 1/8	87,568	6 1/8	77,289	6 1/8	67,010	
6 1/4	6 1/4	149,030	6 1/4	138,751	6 1/4	128,471	6 1/4	118,192	6 1/4	107,913	6 1/4	97,633	6 1/4	87,354	6 1/4	77,075	6 1/4	66,796	
6 1/2	6 1/2	148,816	6 1/2	138,536	6 1/2	128,257	6 1/2	117,978	6 1/2	107,699	6 1/2	97,419	6 1/2	87,140	6 1/2	76,861	6 1/2	66,581	
7	7	148,602	7	138,322	7	128,043	7	117,764	7	107,484	7	97,205	7	86,926	7	76,647	7	66,367	
7 1/8	7 1/8	148,387	7 1/8	138,108	7 1/8	127,829	7 1/8	117,550	7 1/8	107,270	7 1/8	96,991	7 1/8	86,712	7 1/8	76,432	7 1/8	66,153	
7 1/4	7 1/4	148,173	7 1/4	137,894	7 1/4	127,615	7 1/4	117,335	7 1/4	107,056	7 1/4	96,777	7 1/4	86,498	7 1/4	76,218	7 1/4	65,939	
7 1/2	7 1/2	147,959	7 1/2	137,680	7 1/2	127,401	7 1/2	117,121	7 1/2	106,842	7 1/2	96,563	7 1/2	86,283	7 1/2	76,004	7 1/2	65,725	
8	8	147,745	8	137,466	8	127,186	8	116,907	8	106,628	8	96,349	8	86,069	8	75,790	8	65,511	
8 1/8	8 1/8	147,531	8 1/8	137,251	8 1/8	126,972	8 1/8	116,693	8 1/8	106,414	8 1/8	96,134	8 1/8	85,855	8 1/8	75,576	8 1/8	65,297	
8 1/4	8 1/4	147,317	8 1/4	137,037	8 1/4	126,758	8 1/4	116,479	8 1/4	106,199	8 1/4	95,920	8 1/4	85,641	8 1/4	75,362	8 1/4	65,082	
8 1/2	8 1/2	147,102	8 1/2	136,823	8 1/2	126,544	8 1/2	116,265	8 1/2	105,985	8 1/2	95,706	8 1/2	85,427	8 1/2	75,148	8 1/2	64,868	
9	9	146,888	9	136,609	9	126,330	9	116,050	9	105,771	9	95,492	9	85,213	9	74,933	9	64,654	
9 1/8	9 1/8	146,674	9 1/8	136,395	9 1/8	126,116	9 1/8	115,836	9 1/8	105,557	9 1/8	95,278	9 1/8	84,999	9 1/8	74,719	9 1/8	64,440	
9 1/4	9 1/4	146,460	9 1/4	136,181	9 1/4	125,901	9 1/4	115,622	9 1/4	105,343	9 1/4	95,064	9 1/4	84,784	9 1/4	74,505	9 1/4	64,226	
9 1/2	9 1/2	146,246	9 1/2	135,967	9 1/2	125,687	9 1/2	115,408	9 1/2	105,129	9 1/2	94,849	9 1/2	84,570	9 1/2	74,291	9 1/2	64,012	
10	10	146,032	10	135,752	10	125,473	10	115,194	10	104,915	10	94,635	10	84,356	10	74,077	10	63,797	
10 1/8	10 1/8	145,818	10 1/8	135,538	10 1/8	125,259	10 1/8	114,980	10 1/8	104,700	10 1/8	94,421	10 1/8	84,142	10 1/8	73,863	10 1/8	63,583	
10 1/4	10 1/4	145,603	10 1/4	135,324	10 1/4	125,045	10 1/4	114,766	10 1/4	104,486	10 1/4	94,207	10 1/4	83,928	10 1/4	73,648	10 1/4	63,369	
10 1/2	10 1/2	145,389	10 1/2	135,110	10 1/2	124,831	10 1/2	114,551	10 1/2	104,272	10 1/2	93,993	10 1/2	83,714	10 1/2	73,434	10 1/2	63,155	
11	11	145,175	11	134,896	11	124,617	11	114,337	11	104,058	11	93,779	11	83,499	11	73,220	11	62,941	
11 1/8	11 1/8	144,961	11 1/8	134,682	11 1/8	124,402	11 1/8	114,123	11 1/8	103,844	11 1/8	93,565	11 1/8	83,285	11 1/8	73,006	11 1/8	62,727	
11 1/4	11 1/4	144,747	11 1/4	134,468	11 1/4	124,188	11 1/4	113,909	11 1/4	103,630	11 1/4	93,350	11 1/4	83,071	11 1/4	72,792	11 1/4	62,513	
11 1/2	11 1/2	144,533	11 1/2	134,253	11 1/2	123,974	11 1/2	113,695	11 1/2	103,416	11 1/2	93,136	11 1/2	82,857	11 1/2	72,578	11 1/2	62,298	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NPMCS 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'-08" FORWARD OF AFT BULKHEAD.

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



# BARGE "IB 1314"

## 2 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.	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	62,084	0	61,805	0	41,626	0	31,296	0	21,220	0	10,942	0	771	0		0		0		
1/4	61,870	1/4	51,591	1/4	41,312	1/4	31,069	1/4	21,006	1/4	10,727	1/4	624	1/4						
1/2	61,666	1/2	51,377	1/2	41,087	1/2	30,881	1/2	20,792	1/2	10,513	1/2	477	1/2						
3/4	61,442	3/4	51,163	3/4	40,863	3/4	30,673	3/4	20,576	3/4	10,298	3/4	330	3/4						
1	61,228	1	50,948	1	40,660	1	30,465	1	20,364	1	10,085	1	266	1						
1 1/4	61,014	1 1/4	50,734	1 1/4	40,456	1 1/4	30,267	1 1/4	20,160	1 1/4	9,871	1 1/4	202	1 1/4						
1 1/2	60,799	1 1/2	50,520	1 1/2	40,241	1 1/2	30,049	1 1/2	19,936	1 1/2	9,657	1 1/2	138	1 1/2						
1 3/4	60,585	1 3/4	50,306	1 3/4	40,027	1 3/4	29,841	1 3/4	19,721	1 3/4	9,443	1 3/4	74	1 3/4						
2	60,371	2	50,092	2	39,813	2	29,634	2	19,507	2	9,228	2		2						
2 1/4	60,167	2 1/4	49,878	2 1/4	39,598	2 1/4	29,428	2 1/4	19,293	2 1/4	9,014	2 1/4								
2 1/2	60,143	2 1/2	49,863	2 1/2	39,584	2 1/2	29,418	2 1/2	19,279	2 1/2	8,999	2 1/2								
2 3/4	60,119	2 3/4	49,849	2 3/4	39,570	2 3/4	29,404	2 3/4	19,265	2 3/4	8,985	2 3/4								
3	60,095	3	49,835	3	39,556	3	29,390	3	19,251	3	8,971	3								
3 1/4	60,071	3 1/4	49,821	3 1/4	39,542	3 1/4	29,376	3 1/4	19,237	3 1/4	8,957	3 1/4								
3 1/2	60,047	3 1/2	49,807	3 1/2	39,528	3 1/2	29,362	3 1/2	19,223	3 1/2	8,943	3 1/2								
3 3/4	60,023	3 3/4	49,793	3 3/4	39,514	3 3/4	29,348	3 3/4	19,209	3 3/4	8,929	3 3/4								
4	60,000	4	49,779	4	39,500	4	29,334	4	19,195	4	8,915	4								
4 1/4	59,976	4 1/4	49,765	4 1/4	39,486	4 1/4	29,320	4 1/4	19,181	4 1/4	8,901	4 1/4								
4 1/2	59,952	4 1/2	49,751	4 1/2	39,472	4 1/2	29,306	4 1/2	19,167	4 1/2	8,887	4 1/2								
4 3/4	59,928	4 3/4	49,737	4 3/4	39,458	4 3/4	29,292	4 3/4	19,153	4 3/4	8,873	4 3/4								
5	59,904	5	49,723	5	39,444	5	29,278	5	19,139	5	8,859	5								
5 1/4	59,880	5 1/4	49,709	5 1/4	39,430	5 1/4	29,264	5 1/4	19,125	5 1/4	8,845	5 1/4								
5 1/2	59,856	5 1/2	49,695	5 1/2	39,416	5 1/2	29,250	5 1/2	19,111	5 1/2	8,831	5 1/2								
5 3/4	59,832	5 3/4	49,681	5 3/4	39,402	5 3/4	29,236	5 3/4	19,097	5 3/4	8,817	5 3/4								
6	59,808	6	49,667	6	39,388	6	29,222	6	19,083	6	8,803	6								
6 1/4	59,784	6 1/4	49,653	6 1/4	39,374	6 1/4	29,208	6 1/4	19,069	6 1/4	8,789	6 1/4								
6 1/2	59,760	6 1/2	49,639	6 1/2	39,360	6 1/2	29,194	6 1/2	19,055	6 1/2	8,775	6 1/2								
6 3/4	59,736	6 3/4	49,625	6 3/4	39,346	6 3/4	29,180	6 3/4	19,041	6 3/4	8,761	6 3/4								
7	59,712	7	49,611	7	39,332	7	29,166	7	19,027	7	8,747	7								
7 1/4	59,688	7 1/4	49,597	7 1/4	39,318	7 1/4	29,152	7 1/4	19,013	7 1/4	8,733	7 1/4								
7 1/2	59,664	7 1/2	49,583	7 1/2	39,304	7 1/2	29,138	7 1/2	19,000	7 1/2	8,719	7 1/2								
7 3/4	59,640	7 3/4	49,569	7 3/4	39,290	7 3/4	29,124	7 3/4	18,986	7 3/4	8,705	7 3/4								
8	59,616	8	49,555	8	39,276	8	29,110	8	18,972	8	8,691	8								
8 1/4	59,592	8 1/4	49,541	8 1/4	39,262	8 1/4	29,096	8 1/4	18,958	8 1/4	8,677	8 1/4								
8 1/2	59,568	8 1/2	49,527	8 1/2	39,248	8 1/2	29,082	8 1/2	18,944	8 1/2	8,663	8 1/2								
8 3/4	59,544	8 3/4	49,513	8 3/4	39,234	8 3/4	29,068	8 3/4	18,930	8 3/4	8,649	8 3/4								
9	59,520	9	49,499	9	39,220	9	29,054	9	18,916	9	8,635	9								
9 1/4	59,496	9 1/4	49,485	9 1/4	39,206	9 1/4	29,040	9 1/4	18,902	9 1/4	8,621	9 1/4								
9 1/2	59,472	9 1/2	49,471	9 1/2	39,192	9 1/2	29,026	9 1/2	18,888	9 1/2	8,607	9 1/2								
9 3/4	59,448	9 3/4	49,457	9 3/4	39,178	9 3/4	29,012	9 3/4	18,874	9 3/4	8,593	9 3/4								
10	59,424	10	49,443	10	39,164	10	29,000	10	18,860	10	8,579	10								
10 1/4	59,400	10 1/4	49,429	10 1/4	39,150	10 1/4	28,986	10 1/4	18,846	10 1/4	8,565	10 1/4								
10 1/2	59,376	10 1/2	49,415	10 1/2	39,136	10 1/2	28,972	10 1/2	18,832	10 1/2	8,551	10 1/2								
10 3/4	59,352	10 3/4	49,401	10 3/4	39,122	10 3/4	28,958	10 3/4	18,818	10 3/4	8,537	10 3/4								
11	59,328	11	49,387	11	39,108	11	28,944	11	18,804	11	8,523	11								
11 1/4	59,304	11 1/4	49,373	11 1/4	39,094	11 1/4	28,930	11 1/4	18,790	11 1/4	8,509	11 1/4								
11 1/2	59,280	11 1/2	49,359	11 1/2	39,080	11 1/2	28,916	11 1/2	18,776	11 1/2	8,495	11 1/2								
11 3/4	59,256	11 3/4	49,345	11 3/4	39,066	11 3/4	28,902	11 3/4	18,762	11 3/4	8,481	11 3/4								
12	59,232	12	49,331	12	39,052	12	28,888	12	18,748	12	8,467	12								
12 1/4	59,208	12 1/4	49,317	12 1/4	39,038	12 1/4	28,874	12 1/4	18,734	12 1/4	8,453	12 1/4								
12 1/2	59,184	12 1/2	49,303	12 1/2	39,024	12 1/2	28,860	12 1/2	18,720	12 1/2	8,439	12 1/2								
12 3/4	59,160	12 3/4	49,289	12 3/4	39,010	12 3/4	28,846	12 3/4	18,706	12 3/4	8,425	12 3/4								
13	59,136	13	49,275	13	39,000	13	28,832	13	18,692	13	8,411	13								
13 1/4	59,112	13 1/4	49,261	13 1/4	38,986	13 1/4	28,818	13 1/4	18,678	13 1/4	8,397	13 1/4								
13 1/2	59,088	13 1/2	49,247	13 1/2	38,972	13 1/2	28,804	13 1/2	18,664	13 1/2	8,383	13 1/2								
13 3/4	59,064	13 3/4	49,233	13 3/4	38,958	13 3/4	28,790	13 3/4	18,650	13 3/4	8,369	13 3/4								
14	59,040	14	49,219	14	38,944	14	28,776	14	18,636	14	8,355	14								
14 1/4	59,016	14 1/4	49,205	14 1/4	38,930	14 1/4	28,762	14 1/4	18,622	14 1/4	8,341	14 1/4								
14 1/2	58,992	14 1/2	49,191	14 1/2	38,916	14 1/2	28,748	14 1/2	18,608	14 1/2	8,327	14 1/2								
14 3/4	58,968	14 3/4	49,177	14 3/4	38,902	14 3/4	28,734	14 3/4	18,594	14 3/4	8,313	14 3/4								
15	58,944	15	49,163	15	38,888	15	28,720	15	18,580	15	8,299	15								
15 1/4	58,920	15 1/4	49,149	15 1/4	38,874	15 1/4	28,706	15 1/4	18,566	15 1/4	8,285	15 1/4								
15 1/2	58,896	15 1/2	49,135	15 1/2	38,860	15 1/2	28,692	15 1/2	18,552	15 1/2	8,271	15 1/2								
15 3/4	58,872	15 3/4	49,121	15 3/4	38,846	15 3/4	28,678	15 3/4	18,538	15 3/4	8,257	15 3/4								
16	58,848	16	49,107	16	38,832	16	28,664	16	18,524	16	8,243	16								
16 1/4	58,824	16 1/4	49,093	16 1/4	38,818	16 1/4	28,650	16 1/4	18,510	16 1/4	8,229	16 1/4								
16 1/2	58,800	16 1/2	49,079	16 1/2	38,804	16 1/2	28,636	16 1/2	18,496	16 1/2	8,215	16 1/2								
16 3/4	58,776	16 3/4	49,065	16 3/4	38,790	16 3/4	28,622	16 3/4	18,482	16 3/4	8,201	16 3/4								
17	58,752	17	49,051	17	38,776	17	28,608	17	18,468	17	8,187	17								
17 1/4	58,728	17 1/4	49,037	17 1/4	38,762	17 1/4	28,594	17 1/4	18,454	17 1/4	8,173	17 1/4								
17 1/2	58,704	17 1/2	49,023																	



# BARGE "IB 1314"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

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	154,810	0	145,256	0	134,910	0	124,564	0	114,218	0	103,873	0	93,527	0	83,181	0	72,835		
1/4	1/4	154,782	1/4	145,040	1/4	134,696	1/4	124,349	1/4	114,003	1/4	103,657	1/4	93,311	1/4	82,965	1/4	72,619		
1/2	1/2	154,694	1/2	144,825	1/2	134,479	1/2	124,133	1/2	113,787	1/2	103,441	1/2	93,096	1/2	82,750	1/2	72,404		
3/4	3/4	154,568	3/4	144,609	3/4	134,263	3/4	123,918	3/4	113,572	3/4	103,226	3/4	92,880	3/4	82,534	3/4	72,188		
1	1	154,442	1	144,394	1	134,048	1	123,702	1	113,356	1	103,010	1	92,665	1	82,319	1	71,973		
5/4	5/4	154,316	5/4	144,178	5/4	133,832	5/4	123,487	5/4	113,141	5/4	102,796	5/4	92,449	5/4	82,103	5/4	71,757		
1/2	1/2	154,191	1/2	143,983	1/2	133,617	1/2	123,271	1/2	112,925	1/2	102,579	1/2	92,233	1/2	81,888	1/2	71,542		
3/4	3/4	154,001	3/4	143,747	3/4	133,401	3/4	123,055	3/4	112,710	3/4	102,364	3/4	92,018	3/4	81,672	3/4	71,328		
2	2	153,811	2	143,532	2	133,186	2	122,840	2	112,494	2	102,148	2	91,802	2	81,456	2	71,111		
5/4	5/4	153,621	5/4	143,316	5/4	132,970	5/4	122,624	5/4	112,279	5/4	101,933	5/4	91,587	5/4	81,241	5/4	70,905		
1/2	1/2	153,431	1/2	143,101	1/2	132,755	1/2	122,409	1/2	112,063	1/2	101,717	1/2	91,371	1/2	81,025	1/2	70,680		
3/4	3/4	153,219	3/4	142,885	3/4	132,539	3/4	122,193	3/4	111,847	3/4	101,502	3/4	91,156	3/4	80,810	3/4	70,484		
3	3	153,007	3	142,669	3	132,324	3	121,978	3	111,632	3	101,286	3	90,940	3	80,594	3	70,248		
5/4	5/4	152,795	5/4	142,454	5/4	132,108	5/4	121,762	5/4	111,416	5/4	101,071	5/4	90,725	5/4	80,379	5/4	70,033		
1/2	1/2	152,582	1/2	142,238	1/2	131,893	1/2	121,547	1/2	111,201	1/2	100,855	1/2	90,509	1/2	80,163	1/2	69,817		
3/4	3/4	152,367	3/4	142,023	3/4	131,677	3/4	121,331	3/4	110,985	3/4	100,639	3/4	90,294	3/4	79,948	3/4	69,602		
4	4	152,152	4	141,807	4	131,461	4	121,116	4	110,770	4	100,424	4	90,078	4	79,732	4	69,386		
5/4	5/4	151,937	5/4	141,592	5/4	131,246	5/4	120,900	5/4	110,554	5/4	100,208	5/4	89,862	5/4	79,517	5/4	69,171		
1/2	1/2	151,722	1/2	141,376	1/2	131,030	1/2	120,685	1/2	110,339	1/2	99,993	1/2	89,647	1/2	79,301	1/2	68,955		
3/4	3/4	151,508	3/4	141,161	3/4	130,815	3/4	120,469	3/4	110,123	3/4	99,777	3/4	89,431	3/4	79,088	3/4	68,740		
5	5	151,291	5	140,945	5	130,599	5	120,253	5	109,908	5	99,562	5	89,216	5	78,870	5	68,524		
5/4	5/4	151,075	5/4	140,730	5/4	130,384	5/4	120,038	5/4	109,692	5/4	99,346	5/4	89,000	5/4	78,654	5/4	68,309		
1/2	1/2	150,860	1/2	140,514	1/2	130,168	1/2	119,822	1/2	109,477	1/2	99,131	1/2	88,785	1/2	78,439	1/2	68,093		
3/4	3/4	150,644	3/4	140,299	3/4	129,953	3/4	119,607	3/4	109,261	3/4	98,915	3/4	88,569	3/4	78,223	3/4	67,878		
6	6	150,429	6	140,083	6	129,737	6	119,391	6	109,045	6	98,700	6	88,354	6	78,008	6	67,662		
5/4	5/4	150,213	5/4	139,867	5/4	129,522	5/4	119,176	5/4	108,830	5/4	98,484	5/4	88,138	5/4	77,792	5/4	67,448		
1/2	1/2	149,998	1/2	139,652	1/2	129,306	1/2	118,960	1/2	108,614	1/2	98,269	1/2	87,923	1/2	77,577	1/2	67,231		
3/4	3/4	149,782	3/4	139,436	3/4	129,091	3/4	118,745	3/4	108,399	3/4	98,053	3/4	87,707	3/4	77,361	3/4	67,015		
7	7	149,567	7	139,221	7	128,875	7	118,529	7	108,183	7	97,837	7	87,492	7	77,146	7	66,800		
5/4	5/4	149,351	5/4	139,005	5/4	128,659	5/4	118,314	5/4	107,968	5/4	97,622	5/4	87,276	5/4	76,930	5/4	66,584		
1/2	1/2	149,136	1/2	138,790	1/2	128,444	1/2	118,098	1/2	107,752	1/2	97,406	1/2	87,060	1/2	76,715	1/2	66,369		
3/4	3/4	148,920	3/4	138,574	3/4	128,228	3/4	117,883	3/4	107,537	3/4	97,191	3/4	86,845	3/4	76,499	3/4	66,153		
8	8	148,705	8	138,359	8	128,013	8	117,667	8	107,321	8	96,975	8	86,629	8	76,284	8	65,938		
5/4	5/4	148,489	5/4	138,143	5/4	127,797	5/4	117,451	5/4	107,106	5/4	96,760	5/4	86,414	5/4	76,068	5/4	65,722		
1/2	1/2	148,273	1/2	137,928	1/2	127,582	1/2	117,236	1/2	106,890	1/2	96,544	1/2	86,198	1/2	75,852	1/2	65,507		
3/4	3/4	148,058	3/4	137,712	3/4	127,366	3/4	117,020	3/4	106,675	3/4	96,329	3/4	85,983	3/4	75,637	3/4	65,291		
9	9	147,842	9	137,497	9	127,151	9	116,805	9	106,459	9	96,113	9	85,767	9	75,421	9	65,076		
5/4	5/4	147,627	5/4	137,281	5/4	126,935	5/4	116,589	5/4	106,243	5/4	95,899	5/4	85,552	5/4	75,206	5/4	64,860		
1/2	1/2	147,411	1/2	137,065	1/2	126,720	1/2	116,374	1/2	106,028	1/2	95,682	1/2	85,336	1/2	74,990	1/2	64,644		
3/4	3/4	147,196	3/4	136,850	3/4	126,504	3/4	116,158	3/4	105,812	3/4	95,467	3/4	85,121	3/4	74,775	3/4	64,429		
10	10	146,980	10	136,634	10	126,289	10	115,943	10	105,597	10	95,251	10	84,905	10	74,559	10	64,213		
5/4	5/4	146,765	5/4	136,419	5/4	126,073	5/4	115,727	5/4	105,381	5/4	95,035	5/4	84,690	5/4	74,344	5/4	63,998		
1/2	1/2	146,549	1/2	136,203	1/2	125,857	1/2	115,512	1/2	105,166	1/2	94,820	1/2	84,474	1/2	74,128	1/2	63,782		
3/4	3/4	146,334	3/4	135,988	3/4	125,642	3/4	115,296	3/4	104,950	3/4	94,604	3/4	84,258	3/4	73,913	3/4	63,567		
11	11	146,118	11	135,772	11	125,426	11	115,081	11	104,735	11	94,389	11	84,043	11	73,697	11	63,351		
5/4	5/4	154,945	5/4	145,903	5/4	135,557	5/4	125,211	5/4	114,865	5/4	104,519	5/4	94,173	5/4	83,827	5/4	73,482	5/4	63,136
1/2	1/2	154,927	1/2	145,687	1/2	135,341	1/2	124,996	1/2	114,649	1/2	104,304	1/2	93,958	1/2	83,612	1/2	73,266	1/2	62,920
3/4	3/4	154,869	3/4	145,471	3/4	135,126	3/4	124,780	3/4	114,434	3/4	104,088	3/4	93,742	3/4	83,396	3/4	73,050	3/4	62,705

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.pmscorp.net>



# BARGE "IB 1314"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	82,489	52,143	41,797	31,458	21,142	10,797	628	0	0	0
1/4	82,274	51,928	41,582	31,244	20,927	10,582	480			
1/2	82,058	51,712	41,366	31,029	20,711	10,366	333			
3/4	81,842	51,497	41,151	30,814	20,496	10,150	288			
1	81,627	51,281	40,935	30,600	20,280	9,935	203	1	1	1
1 1/4	81,411	51,066	40,720	30,385	20,065	9,719	139	1/4	1/4	1/4
1 1/2	81,196	50,850	40,504	30,171	19,849	9,504	74	1/2	1/2	1/2
3/4	80,980	50,634	40,289	29,956	19,634	9,288		3/4	3/4	3/4
2	80,765	50,419	40,073	29,742	19,418	9,073	2	2	2	2
1 1/4	80,549	50,203	39,858	29,527	19,203	8,857	1/4	1/4	1/4	1/4
1 1/2	80,334	49,988	39,642	29,312	18,987	8,642	1/2	1/2	1/2	1/2
3/4	80,118	49,772	39,426	29,098	18,772	8,428	3/4	3/4	3/4	3/4
3	80,903	49,557	39,211	28,883	18,556	8,211	3	3	3	3
1 1/4	80,687	49,341	39,005	28,669	18,341	7,996	1/4	1/4	1/4	1/4
1 1/2	80,472	49,126	38,780	28,454	18,125	7,780	1/2	1/2	1/2	1/2
3/4	80,256	48,910	38,564	28,240	17,910	7,564	3/4	3/4	3/4	3/4
4	80,040	48,695	38,349	28,025	17,694	7,349	4	4	4	4
1 1/4	80,825	48,479	38,133	27,810	17,478	7,133	1/4	1/4	1/4	1/4
1 1/2	80,609	48,264	37,918	27,596	17,263	6,918	1/2	1/2	1/2	1/2
3/4	80,394	48,048	37,702	27,381	17,047	6,702	3/4	3/4	3/4	3/4
6	80,178	47,832	37,487	27,167	16,832	6,487	6	6	6	6
1 1/4	80,963	47,617	37,271	26,952	16,616	6,271	1/4	1/4	1/4	1/4
1 1/2	80,747	47,401	37,056	26,738	16,401	6,056	1/2	1/2	1/2	1/2
3/4	80,532	47,186	36,840	26,523	16,185	5,840	3/4	3/4	3/4	3/4
8	80,316	46,970	36,624	26,308	15,970	5,624	8	8	8	8
1 1/4	80,101	46,755	36,409	26,094	15,754	5,409	1/4	1/4	1/4	1/4
1 1/2	80,886	46,539	36,193	25,879	15,539	5,193	1/2	1/2	1/2	1/2
3/4	80,670	46,324	35,978	25,665	15,323	4,978	3/4	3/4	3/4	3/4
7	80,454	46,108	35,762	25,450	15,108	4,762	7	7	7	7
1 1/4	80,238	45,893	35,547	25,236	14,892	4,547	1/4	1/4	1/4	1/4
1 1/2	80,023	45,677	35,331	25,021	14,677	4,331	1/2	1/2	1/2	1/2
3/4	80,807	45,462	35,116	24,806	14,461	4,116	3/4	3/4	3/4	3/4
9	80,592	45,246	34,900	24,590	14,246	3,900	9	9	9	9
1 1/4	80,376	45,030	34,686	24,375	14,030	3,685	1/4	1/4	1/4	1/4
1 1/2	80,161	44,815	34,469	24,160	13,814	3,469	1/2	1/2	1/2	1/2
3/4	80,945	44,600	34,254	23,944	13,599	3,254	3/4	3/4	3/4	3/4
9	80,730	44,384	34,038	23,729	13,383	3,038	9	9	9	9
1 1/4	80,514	44,168	33,822	23,513	13,168	2,823	1/4	1/4	1/4	1/4
1 1/2	80,299	43,953	33,607	23,298	12,952	2,608	1/2	1/2	1/2	1/2
3/4	80,083	43,737	33,392	23,082	12,737	2,393	3/4	3/4	3/4	3/4
10	80,868	43,522	33,177	22,867	12,521	2,178	10	10	10	10
1 1/4	80,652	43,308	32,962	22,651	12,308	1,964	1/4	1/4	1/4	1/4
1 1/2	80,436	43,091	32,747	22,436	12,090	1,749	1/2	1/2	1/2	1/2
3/4	80,221	42,875	32,532	22,220	11,875	1,543	3/4	3/4	3/4	3/4
11	80,005	42,660	32,317	22,005	11,659	1,338	11	11	11	11
1 1/4	80,790	42,444	32,102	21,789	11,444	1,130	1/4	1/4	1/4	1/4
1 1/2	80,574	42,228	31,887	21,574	11,228	924	1/2	1/2	1/2	1/2
3/4	80,359	42,013	31,673	21,358	11,013	776	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/16/2020 CL  
CALCULATED: 03/17/2020 CL  
PRINTED: 03/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT  
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