

Gullans



BARGE "IB 1315"

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 1315"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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	170,183	0	160,448	0	160,272	0	140,099	0	129,921	0	119,037	0	107,146	0	95,249	0	83,353	
1/4	1/4	170,116	1/4	160,236	1/4	160,060	1/4	139,884	1/4	129,709	1/4	118,789	1/4	106,898	1/4	95,001	1/4	83,105	
1/2	1/2	169,971	1/2	160,024	1/2	149,848	1/2	139,672	1/2	129,497	1/2	118,542	1/2	106,850	1/2	94,753	1/2	82,857	
3/4	3/4	169,826	3/4	159,812	3/4	149,836	3/4	139,460	3/4	129,285	3/4	118,284	3/4	106,402	3/4	94,508	3/4	82,809	
1	1	169,681	1	159,600	1	149,424	1	139,248	1	129,073	1	118,047	1	106,354	1	94,258	1	82,761	
1 1/4	1 1/4	169,536	1 1/4	159,388	1 1/4	149,212	1 1/4	139,036	1 1/4	128,861	1 1/4	117,799	1 1/4	105,906	1 1/4	94,010	1 1/4	82,714	
1 1/2	1 1/2	169,331	1 1/2	159,176	1 1/2	149,000	1 1/2	138,824	1 1/2	128,646	1 1/2	117,582	1 1/2	105,658	1 1/2	93,762	1 1/2	81,887	
1 3/4	1 3/4	169,126	1 3/4	158,964	1 3/4	148,788	1 3/4	138,612	1 3/4	128,437	1 3/4	117,305	1 3/4	105,411	1 3/4	93,514	1 3/4	81,819	
2	2	168,921	2	158,752	2	148,576	2	138,400	2	128,225	2	117,057	2	105,163	2	93,266	2	81,372	
2 1/4	2 1/4	168,716	2 1/4	158,540	2 1/4	148,384	2 1/4	138,188	2 1/4	128,013	2 1/4	116,810	2 1/4	104,915	2 1/4	93,019	2 1/4	81,125	
2 1/2	2 1/2	168,503	2 1/2	158,328	2 1/2	148,152	2 1/2	137,976	2 1/2	127,801	2 1/2	116,562	2 1/2	104,667	2 1/2	92,771	2 1/2	80,879	
2 3/4	2 3/4	168,290	2 3/4	158,118	2 3/4	147,940	2 3/4	137,764	2 3/4	127,629	2 3/4	116,315	2 3/4	104,419	2 3/4	92,523	2 3/4	80,832	
3	3	168,078	3	157,904	3	147,728	3	137,552	3	127,377	3	116,067	3	104,171	3	92,275	3	80,385	
3 1/4	3 1/4	167,865	3 1/4	157,692	3 1/4	147,516	3 1/4	137,340	3 1/4	127,195	3 1/4	115,820	3 1/4	103,924	3 1/4	92,027	3 1/4	80,130	
3 1/2	3 1/2	167,653	3 1/2	157,480	3 1/2	147,304	3 1/2	137,128	3 1/2	126,953	3 1/2	115,572	3 1/2	103,678	3 1/2	91,779	3 1/2	79,891	
3 3/4	3 3/4	167,442	3 3/4	157,268	3 3/4	147,092	3 3/4	136,916	3 3/4	126,741	3 3/4	115,324	3 3/4	103,428	3 3/4	91,532	3 3/4	79,645	
4	4	167,230	4	157,056	4	146,880	4	136,705	4	126,529	4	115,076	4	103,180	4	91,284	4	79,398	
4 1/4	4 1/4	167,019	4 1/4	156,844	4 1/4	146,668	4 1/4	136,493	4 1/4	126,317	4 1/4	114,829	4 1/4	102,932	4 1/4	91,038	4 1/4	79,151	
4 1/2	4 1/2	166,807	4 1/2	156,632	4 1/2	146,456	4 1/2	136,281	4 1/2	126,105	4 1/2	114,581	4 1/2	102,684	4 1/2	90,788	4 1/2	78,904	
4 3/4	4 3/4	166,595	4 3/4	156,420	4 3/4	146,244	4 3/4	136,069	4 3/4	125,933	4 3/4	114,333	4 3/4	102,437	4 3/4	90,540	4 3/4	78,657	
5	5	166,383	5	156,208	5	146,032	5	135,857	5	125,758	5	114,085	5	102,189	5	90,292	5	78,411	
5 1/4	5 1/4	166,171	5 1/4	155,996	5 1/4	145,820	5 1/4	135,645	5 1/4	125,469	5 1/4	113,837	5 1/4	101,941	5 1/4	90,044	5 1/4	78,164	
5 1/2	5 1/2	165,959	5 1/2	155,784	5 1/2	145,608	5 1/2	135,433	5 1/2	125,257	5 1/2	113,589	5 1/2	101,693	5 1/2	89,797	5 1/2	77,917	
5 3/4	5 3/4	165,747	5 3/4	155,572	5 3/4	145,398	5 3/4	135,221	5 3/4	125,045	5 3/4	113,342	5 3/4	101,445	5 3/4	89,549	5 3/4	77,670	
6	6	165,535	6	155,360	6	145,184	6	135,009	6	124,833	6	113,094	6	101,197	6	89,301	6	77,424	
6 1/4	6 1/4	165,323	6 1/4	155,148	6 1/4	144,972	6 1/4	134,797	6 1/4	124,617	6 1/4	112,846	6 1/4	100,949	6 1/4	89,053	6 1/4	77,177	
6 1/2	6 1/2	165,111	6 1/2	154,936	6 1/2	144,760	6 1/2	134,585	6 1/2	124,396	6 1/2	112,598	6 1/2	100,702	6 1/2	88,805	6 1/2	76,930	
6 3/4	6 3/4	164,899	6 3/4	154,724	6 3/4	144,548	6 3/4	134,373	6 3/4	124,171	6 3/4	112,350	6 3/4	100,454	6 3/4	88,557	6 3/4	76,683	
7	7	164,687	7	154,512	7	144,338	7	134,181	7	123,948	7	112,102	7	100,206	7	88,310	7	76,436	
7 1/4	7 1/4	164,475	7 1/4	154,300	7 1/4	144,124	7 1/4	133,949	7 1/4	123,721	7 1/4	111,854	7 1/4	99,958	7 1/4	88,062	7 1/4	76,190	
7 1/2	7 1/2	164,263	7 1/2	154,088	7 1/2	143,912	7 1/2	133,737	7 1/2	123,478	7 1/2	111,607	7 1/2	99,710	7 1/2	87,814	7 1/2	75,943	
7 3/4	7 3/4	164,051	7 3/4	153,876	7 3/4	143,700	7 3/4	133,525	7 3/4	123,236	7 3/4	111,359	7 3/4	99,462	7 3/4	87,566	7 3/4	75,698	
8	8	163,839	8	153,664	8	143,488	8	133,313	8	122,992	8	111,111	8	99,215	8	87,318	8	75,449	
8 1/4	8 1/4	163,627	8 1/4	153,452	8 1/4	143,276	8 1/4	133,101	8 1/4	122,749	8 1/4	110,863	8 1/4	98,967	8 1/4	87,070	8 1/4	75,202	
8 1/2	8 1/2	163,415	8 1/2	153,240	8 1/2	143,064	8 1/2	132,889	8 1/2	122,502	8 1/2	110,615	8 1/2	98,719	8 1/2	86,823	8 1/2	74,956	
8 3/4	8 3/4	163,203	8 3/4	153,028	8 3/4	142,852	8 3/4	132,677	8 3/4	122,254	8 3/4	110,367	8 3/4	98,471	8 3/4	86,575	8 3/4	74,709	
9	9	162,991	9	152,816	9	142,640	9	132,465	9	122,007	9	110,120	9	98,223	9	86,327	9	74,462	
9 1/4	9 1/4	162,779	9 1/4	152,604	9 1/4	142,428	9 1/4	132,253	9 1/4	121,769	9 1/4	109,872	9 1/4	97,975	9 1/4	86,079	9 1/4	74,215	
9 1/2	9 1/2	162,567	9 1/2	152,392	9 1/2	142,218	9 1/2	132,041	9 1/2	121,512	9 1/2	109,624	9 1/2	97,728	9 1/2	85,831	9 1/2	73,969	
9 3/4	9 3/4	162,355	9 3/4	152,180	9 3/4	142,004	9 3/4	131,828	9 3/4	121,284	9 3/4	109,376	9 3/4	97,480	9 3/4	85,583	9 3/4	73,722	
10	10	162,143	10	151,968	10	141,792	10	131,617	10	121,017	10	109,128	10	97,232	10	85,335	10	73,475	
10 1/4	10 1/4	161,931	10 1/4	151,756	10 1/4	141,580	10 1/4	131,405	10 1/4	120,769	10 1/4	108,880	10 1/4	96,984	10 1/4	85,088	10 1/4	73,228	
10 1/2	10 1/2	161,719	10 1/2	151,544	10 1/2	141,368	10 1/2	131,193	10 1/2	120,522	10 1/2	108,633	10 1/2	96,736	10 1/2	84,840	10 1/2	72,981	
10 3/4	10 3/4	161,507	10 3/4	151,332	10 3/4	141,156	10 3/4	130,981	10 3/4	120,274	10 3/4	108,385	10 3/4	96,480	10 3/4	84,592	10 3/4	72,735	
11	170,405	11	161,295	11	151,120	11	140,944	11	130,769	11	120,027	11	108,137	11	96,241	11	84,344	11	72,488
11 1/4	170,384	11 1/4	161,083	11 1/4	150,908	11 1/4	140,732	11 1/4	130,557	11 1/4	119,779	11 1/4	107,889	11 1/4	95,993	11 1/4	84,096	11 1/4	72,241
11 1/2	170,317	11 1/2	160,871	11 1/2	150,696	11 1/2	140,520	11 1/2	130,345	11 1/2	119,532	11 1/2	107,641	11 1/2	95,745	11 1/2	83,848	11 1/2	71,993
11 3/4	170,250	11 3/4	160,659	11 3/4	150,484	11 3/4	140,308	11 3/4	130,133	11 3/4	119,284	11 3/4	107,393	11 3/4	95,497	11 3/4	83,601	11 3/4	71,746

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.
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Pearland, Texas 77588
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BARGE "IB 1315"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	71,498	0	59,807	0	47,716	0	35,808	0	24,260	0	12,330	0	688	0		0				
1/4	71,281	1/4	59,359	1/4	47,468	1/4	35,559	1/4	24,003	1/4	12,081	1/4	528	1/4						
1/2	71,063	1/2	58,864	1/2	47,220	1/2	35,430	1/2	23,755	1/2	11,843	1/2	453	1/2						
3/4	70,785	3/4	58,864	3/4	46,972	3/4	35,190	3/4	23,507	3/4	11,594	3/4	379	3/4						
1	70,508	1	58,616	1	46,724	1	34,951	1	23,259	1	11,346	1	304	1						
1 1/4	70,280	1 1/4	58,368	1 1/4	46,477	1 1/4	34,712	1 1/4	23,011	1 1/4	11,097	1 1/4	230	1 1/4						
1 1/2	70,012	1 1/2	58,121	1 1/2	46,229	1 1/2	34,473	1 1/2	22,763	1 1/2	10,849	1 1/2		1 1/2						
1 3/4	69,765	1 3/4	57,873	1 3/4	45,981	1 3/4	34,233	1 3/4	22,515	1 3/4	10,601	1 3/4		1 3/4						
2	69,517	2	57,625	2	45,734	2	33,994	2	22,267	2	10,352	2		2						
2 1/4	69,269	2 1/4	57,377	2 1/4	45,486	2 1/4	33,755	2 1/4	22,019	2 1/4	10,104	2 1/4		2 1/4						
2 1/2	69,021	2 1/2	57,130	2 1/2	45,238	2 1/2	33,515	2 1/2	21,772	2 1/2	9,855	2 1/2		2 1/2						
2 3/4	68,774	2 3/4	56,882	2 3/4	44,990	2 3/4	33,276	2 3/4	21,524	2 3/4	9,607	2 3/4		2 3/4						
3	68,526	3	56,634	3	44,743	3	33,037	3	21,276	3	9,359	3		3						
3 1/4	68,278	3 1/4	56,386	3 1/4	44,495	3 1/4	32,798	3 1/4	21,028	3 1/4	9,110	3 1/4		3 1/4						
3 1/2	68,030	3 1/2	56,139	3 1/2	44,247	3 1/2	32,558	3 1/2	20,780	3 1/2	8,862	3 1/2		3 1/2						
3 3/4	67,783	3 3/4	55,891	3 3/4	43,999	3 3/4	32,319	3 3/4	20,532	3 3/4	8,614	3 3/4		3 3/4						
4	67,535	4	55,643	4	43,752	4	32,080	4	20,284	4	8,365	4		4						
4 1/4	67,287	4 1/4	55,395	4 1/4	43,504	4 1/4	31,840	4 1/4	20,036	4 1/4	8,117	4 1/4		4 1/4						
4 1/2	67,039	4 1/2	55,148	4 1/2	43,256	4 1/2	31,601	4 1/2	19,788	4 1/2	7,868	4 1/2		4 1/2						
4 3/4	66,792	4 3/4	54,900	4 3/4	43,008	4 3/4	31,362	4 3/4	19,540	4 3/4	7,620	4 3/4		4 3/4						
5	66,544	5	54,652	5	42,761	5	31,123	5	19,293	5	7,372	5		5						
5 1/4	66,296	5 1/4	54,404	5 1/4	42,513	5 1/4	30,883	5 1/4	19,045	5 1/4	7,123	5 1/4		5 1/4						
5 1/2	66,048	5 1/2	54,157	5 1/2	42,265	5 1/2	30,642	5 1/2	18,796	5 1/2	6,875	5 1/2		5 1/2						
5 3/4	65,801	5 3/4	53,909	5 3/4	42,017	5 3/4	30,402	5 3/4	18,548	5 3/4	6,626	5 3/4		5 3/4						
6	65,553	6	53,661	6	41,770	6	30,161	6	18,300	6	6,378	6		6						
6 1/4	65,305	6 1/4	53,414	6 1/4	41,522	6 1/4	29,920	6 1/4	18,052	6 1/4	6,130	6 1/4		6 1/4						
6 1/2	65,057	6 1/2	53,166	6 1/2	41,274	6 1/2	29,678	6 1/2	17,803	6 1/2	5,881	6 1/2		6 1/2						
6 3/4	64,810	6 3/4	52,918	6 3/4	41,026	6 3/4	29,437	6 3/4	17,555	6 3/4	5,633	6 3/4		6 3/4						
7	64,562	7	52,670	7	40,779	7	29,195	7	17,306	7	5,384	7		7						
7 1/4	64,314	7 1/4	52,423	7 1/4	40,531	7 1/4	28,954	7 1/4	17,058	7 1/4	5,136	7 1/4		7 1/4						
7 1/2	64,066	7 1/2	52,175	7 1/2	40,283	7 1/2	28,708	7 1/2	16,810	7 1/2	4,888	7 1/2		7 1/2						
7 3/4	63,819	7 3/4	51,927	7 3/4	40,035	7 3/4	28,461	7 3/4	16,561	7 3/4	4,639	7 3/4		7 3/4						
8	63,571	8	51,679	8	39,788	8	28,215	8	16,313	8	4,391	8		8						
8 1/4	63,323	8 1/4	51,432	8 1/4	39,540	8 1/4	27,969	8 1/4	16,065	8 1/4	4,143	8 1/4		8 1/4						
8 1/2	63,075	8 1/2	51,184	8 1/2	39,292	8 1/2	27,721	8 1/2	15,816	8 1/2	3,894	8 1/2		8 1/2						
8 3/4	62,828	8 3/4	50,936	8 3/4	39,044	8 3/4	27,473	8 3/4	15,568	8 3/4	3,646	8 3/4		8 3/4						
9	62,580	9	50,688	9	38,797	9	27,225	9	15,320	9	3,398	9		9						
9 1/4	62,332	9 1/4	50,441	9 1/4	38,549	9 1/4	26,977	9 1/4	15,071	9 1/4	3,150	9 1/4		9 1/4						
9 1/2	62,085	9 1/2	50,193	9 1/2	38,308	9 1/2	26,729	9 1/2	14,823	9 1/2	2,902	9 1/2		9 1/2						
9 3/4	61,837	9 3/4	49,945	9 3/4	38,068	9 3/4	26,482	9 3/4	14,575	9 3/4	2,655	9 3/4		9 3/4						
10	61,589	10	49,697	10	37,826	10	26,234	10	14,328	10	2,408	10		10						
10 1/4	61,341	10 1/4	49,450	10 1/4	37,583	10 1/4	25,988	10 1/4	14,078	10 1/4	2,160	10 1/4		10 1/4						
10 1/2	61,094	10 1/2	49,202	10 1/2	37,344	10 1/2	25,738	10 1/2	13,830	10 1/2	1,922	10 1/2		10 1/2						
10 3/4	60,846	10 3/4	48,954	10 3/4	37,105	10 3/4	25,490	10 3/4	13,581	10 3/4	1,685	10 3/4		10 3/4						
11	60,598	11	48,706	11	36,866	11	25,242	11	13,333	11	1,447	11		11						
11 1/4	60,350	11 1/4	48,458	11 1/4	36,628	11 1/4	24,994	11 1/4	13,085	11 1/4	1,209	11 1/4		11 1/4						
11 1/2	60,103	11 1/2	48,211	11 1/2	36,387	11 1/2	24,746	11 1/2	12,838	11 1/2	1,039	11 1/2		11 1/2						
11 3/4	59,855	11 3/4	47,963	11 3/4	36,148	11 3/4	24,498	11 3/4	12,588	11 3/4	869	11 3/4		11 3/4						

STRAPPED: 03/18/2020 CL
CALCULATED: 03/17/2020 CL
PRINTED: 03/17/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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IMC://www.pmacora.net



BARGE "IB 1315"

2 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	153,856	0	144,864	0	134,577	0	124,289	0	114,002	0	103,714	0	93,426	0	83,139	0	72,851	
1/4	1/4	153,838	1/4	144,850	1/4	134,563	1/4	124,275	1/4	113,987	1/4	103,500	1/4	93,212	1/4	82,924	1/4	72,637	
1/2	1/2	153,780	1/2	144,436	1/2	134,148	1/2	123,881	1/2	113,573	1/2	103,285	1/2	92,898	1/2	82,710	1/2	72,423	
3/4	3/4	153,722	3/4	144,222	3/4	133,934	3/4	123,646	3/4	113,359	3/4	103,071	3/4	92,783	3/4	82,496	3/4	72,208	
1	1	153,664	1	144,007	1	133,720	1	123,432	1	113,144	1	102,857	1	92,569	1	82,282	1	71,994	
1 1/4	1 1/4	153,606	1 1/4	143,793	1 1/4	133,505	1 1/4	123,218	1 1/4	112,930	1 1/4	102,642	1 1/4	92,355	1 1/4	82,067	1 1/4	71,780	
1 1/2	1 1/2	153,481	1 1/2	143,579	1 1/2	133,281	1 1/2	123,003	1 1/2	112,716	1 1/2	102,428	1 1/2	92,140	1 1/2	81,853	1 1/2	71,585	
1 3/4	1 3/4	153,366	1 3/4	143,384	1 3/4	133,077	1 3/4	122,789	1 3/4	112,501	1 3/4	102,214	1 3/4	91,926	1 3/4	81,639	1 3/4	71,351	
2	2	153,231	2	143,160	2	132,862	2	122,576	2	112,287	2	101,989	2	91,712	2	81,424	2	71,137	
2 1/4	2 1/4	153,106	2 1/4	142,936	2 1/4	132,648	2 1/4	122,360	2 1/4	112,073	2 1/4	101,785	2 1/4	91,497	2 1/4	81,210	2 1/4	70,922	
2 1/2	2 1/2	152,917	2 1/2	142,721	2 1/2	132,434	2 1/2	122,146	2 1/2	111,888	2 1/2	101,571	2 1/2	91,283	2 1/2	80,966	2 1/2	70,708	
2 3/4	2 3/4	152,728	2 3/4	142,507	2 3/4	132,219	2 3/4	121,932	2 3/4	111,644	2 3/4	101,356	2 3/4	91,069	2 3/4	80,781	2 3/4	70,494	
3	3	152,539	3	142,293	3	132,005	3	121,717	3	111,430	3	101,142	3	90,855	3	80,567	3	70,279	
3 1/4	3 1/4	152,351	3 1/4	142,078	3 1/4	131,791	3 1/4	121,503	3 1/4	111,215	3 1/4	100,928	3 1/4	90,640	3 1/4	80,353	3 1/4	70,085	
3 1/2	3 1/2	152,140	3 1/2	141,864	3 1/2	131,576	3 1/2	121,289	3 1/2	111,001	3 1/2	100,713	3 1/2	90,426	3 1/2	80,138	3 1/2	69,851	
3 3/4	3 3/4	151,929	3 3/4	141,650	3 3/4	131,362	3 3/4	121,074	3 3/4	110,787	3 3/4	100,489	3 3/4	90,212	3 3/4	79,924	3 3/4	69,566	
4	4	151,718	4	141,435	4	131,148	4	120,860	4	110,572	4	100,286	4	89,997	4	79,710	4	69,222	
4 1/4	4 1/4	151,507	4 1/4	141,221	4 1/4	130,933	4 1/4	120,646	4 1/4	110,385	4 1/4	100,071	4 1/4	89,793	4 1/4	79,495	4 1/4	68,938	
4 1/2	4 1/2	151,293	4 1/2	141,007	4 1/2	130,719	4 1/2	120,431	4 1/2	110,144	4 1/2	99,856	4 1/2	89,569	4 1/2	79,281	4 1/2	68,733	
4 3/4	4 3/4	151,079	4 3/4	140,792	4 3/4	130,505	4 3/4	120,217	4 3/4	109,929	4 3/4	99,642	4 3/4	89,354	4 3/4	79,067	4 3/4	68,544	
5	5	150,865	5	140,578	5	130,290	5	120,003	5	109,715	5	99,428	5	89,140	5	78,852	5	68,356	
5 1/4	5 1/4	150,651	5 1/4	140,364	5 1/4	130,076	5 1/4	119,788	5 1/4	109,501	5 1/4	99,213	5 1/4	88,926	5 1/4	78,638	5 1/4	68,160	
5 1/2	5 1/2	150,437	5 1/2	140,149	5 1/2	129,862	5 1/2	119,574	5 1/2	109,286	5 1/2	98,989	5 1/2	88,711	5 1/2	78,424	5 1/2	67,936	
5 3/4	5 3/4	150,223	5 3/4	139,935	5 3/4	129,647	5 3/4	119,360	5 3/4	109,072	5 3/4	98,785	5 3/4	88,497	5 3/4	78,209	5 3/4	67,722	
6	6	150,008	6	139,721	6	129,433	6	119,145	6	108,868	6	98,570	6	88,283	6	77,995	6	67,507	
6 1/4	6 1/4	149,794	6 1/4	139,506	6 1/4	129,219	6 1/4	118,931	6 1/4	108,644	6 1/4	98,356	6 1/4	88,068	6 1/4	77,781	6 1/4	67,483	
6 1/2	6 1/2	149,580	6 1/2	139,292	6 1/2	129,004	6 1/2	118,717	6 1/2	108,429	6 1/2	98,142	6 1/2	87,854	6 1/2	77,566	6 1/2	67,279	
6 3/4	6 3/4	149,366	6 3/4	139,078	6 3/4	128,790	6 3/4	118,502	6 3/4	108,215	6 3/4	97,927	6 3/4	87,640	6 3/4	77,352	6 3/4	67,064	
7	7	149,151	7	138,863	7	128,576	7	118,288	7	108,001	7	97,713	7	87,425	7	77,138	7	66,850	
7 1/4	7 1/4	148,937	7 1/4	138,648	7 1/4	128,361	7 1/4	118,074	7 1/4	107,788	7 1/4	97,499	7 1/4	87,211	7 1/4	76,923	7 1/4	66,636	
7 1/2	7 1/2	148,722	7 1/2	138,435	7 1/2	128,147	7 1/2	117,860	7 1/2	107,572	7 1/2	97,284	7 1/2	86,997	7 1/2	76,709	7 1/2	66,421	
7 3/4	7 3/4	148,508	7 3/4	138,220	7 3/4	127,933	7 3/4	117,645	7 3/4	107,358	7 3/4	97,070	7 3/4	86,782	7 3/4	76,495	7 3/4	66,207	
8	8	148,294	8	138,008	8	127,718	8	117,431	8	107,143	8	96,856	8	86,568	8	76,280	8	66,003	
8 1/4	8 1/4	148,079	8 1/4	137,792	8 1/4	127,504	8 1/4	117,217	8 1/4	106,929	8 1/4	96,641	8 1/4	86,354	8 1/4	76,066	8 1/4	65,778	
8 1/2	8 1/2	147,865	8 1/2	137,577	8 1/2	127,290	8 1/2	117,002	8 1/2	106,715	8 1/2	96,427	8 1/2	86,139	8 1/2	75,852	8 1/2	65,564	
8 3/4	8 3/4	147,651	8 3/4	137,363	8 3/4	127,076	8 3/4	116,788	8 3/4	106,500	8 3/4	96,213	8 3/4	85,925	8 3/4	75,637	8 3/4	65,350	
9	9	147,435	9	137,149	9	126,861	9	116,574	9	106,286	9	95,998	9	85,711	9	75,423	9	65,136	
9 1/4	9 1/4	147,222	9 1/4	136,934	9 1/4	126,647	9 1/4	116,359	9 1/4	106,072	9 1/4	95,784	9 1/4	85,498	9 1/4	75,209	9 1/4	64,921	
9 1/2	9 1/2	147,008	9 1/2	136,720	9 1/2	126,433	9 1/2	116,145	9 1/2	105,857	9 1/2	95,570	9 1/2	85,282	9 1/2	74,994	9 1/2	64,707	
9 3/4	9 3/4	146,793	9 3/4	136,506	9 3/4	126,218	9 3/4	115,931	9 3/4	105,643	9 3/4	95,356	9 3/4	85,068	9 3/4	74,780	9 3/4	64,493	
10	10	146,579	10	136,291	10	126,004	10	115,716	10	105,429	10	95,141	10	84,853	10	74,566	10	64,278	
10 1/4	10 1/4	146,365	10 1/4	136,077	10 1/4	125,790	10 1/4	115,502	10 1/4	105,214	10 1/4	94,927	10 1/4	84,639	10 1/4	74,351	10 1/4	64,064	
10 1/2	10 1/2	146,150	10 1/2	135,863	10 1/2	125,575	10 1/2	115,288	10 1/2	105,000	10 1/2	94,712	10 1/2	84,425	10 1/2	74,137	10 1/2	63,850	
10 3/4	10 3/4	145,936	10 3/4	135,649	10 3/4	125,361	10 3/4	115,073	10 3/4	104,786	10 3/4	94,499	10 3/4	84,210	10 3/4	73,923	10 3/4	63,636	
11	11	145,722	11	135,434	11	125,147	11	114,859	11	104,571	11	94,284	11	83,996	11	73,708	11	63,421	
11 1/4	11 1/4	145,507	11 1/4	135,220	11 1/4	124,932	11 1/4	114,645	11 1/4	104,367	11 1/4	94,069	11 1/4	83,782	11 1/4	73,494	11 1/4	63,207	
11 1/2	11 1/2	145,293	11 1/2	135,006	11 1/2	124,718	11 1/2	114,430	11 1/2	104,143	11 1/2	93,855	11 1/2	83,567	11 1/2	73,280	11 1/2	62,992	
11 3/4	11 3/4	145,079	11 3/4	134,791	11 3/4	124,504	11 3/4	114,216	11 3/4	103,928	11 3/4	93,641	11 3/4	83,353	11 3/4	73,066	11 3/4	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'-08" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "IB 1315"

2 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	62,564	0	52,278	0	41,988	0	31,738	0	21,667	0	11,379	0	1,124	0					
1/4	62,348	1/4	52,062	1/4	41,774	1/4	31,530	1/4	21,452	1/4	11,166	1/4	919	1/4					
1/2	82,135	1/2	51,847	1/2	41,560	1/2	31,322	1/2	21,238	1/2	10,951	1/2	772	1/2					
3/4	81,921	3/4	51,633	3/4	41,345	3/4	31,114	3/4	21,024	3/4	10,736	3/4	625	3/4					
1	61,706	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	51,204	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	40,702	1 1/2	30,490	1 1/2	20,381	1 1/2	10,094	1 1/2	287	1 1/2					
1 3/4	61,063	1 3/4	50,776	1 3/4	40,488	1 3/4	30,282	1 3/4	20,166	1 3/4	9,879	1 3/4	202	1 3/4					
2	60,849	2	50,561	2	40,274	2	30,074	2	19,952	2	9,665	2	138	2					
1 1/4	60,635	1 1/4	50,347	1 1/4	40,059	1 1/4	29,866	1 1/4	19,738	1 1/4	9,451	1 1/4	74	1 1/4					
1 1/2	60,420	1 1/2	50,133	1 1/2	39,845	1 1/2	29,658	1 1/2	19,523	1 1/2	9,236	1 1/2		1 1/2					
1 3/4	60,206	1 3/4	49,918	1 3/4	39,631	1 3/4	29,450	1 3/4	19,309	1 3/4	9,022	1 3/4		1 3/4					
3	59,992	3	49,704	3	39,416	3	29,242	3	19,095	3	8,808	3		3					
1 1/4	59,777	1 1/4	49,490	1 1/4	39,202	1 1/4	29,034	1 1/4	18,880	1 1/4	8,593	1 1/4		1 1/4					
1 1/2	59,563	1 1/2	49,275	1 1/2	38,988	1 1/2	28,826	1 1/2	18,668	1 1/2	8,379	1 1/2		1 1/2					
1 3/4	59,348	1 3/4	49,061	1 3/4	38,773	1 3/4	28,618	1 3/4	18,452	1 3/4	8,165	1 3/4		1 3/4					
4	59,134	4	48,847	4	38,559	4	28,410	4	18,238	4	7,950	4		4					
1 1/4	58,920	1 1/4	48,632	1 1/4	38,345	1 1/4	28,202	1 1/4	18,023	1 1/4	7,736	1 1/4		1 1/4					
1 1/2	58,706	1 1/2	48,418	1 1/2	38,130	1 1/2	27,994	1 1/2	17,809	1 1/2	7,522	1 1/2		1 1/2					
1 3/4	58,491	1 3/4	48,204	1 3/4	37,916	1 3/4	27,786	1 3/4	17,595	1 3/4	7,307	1 3/4		1 3/4					
5	58,277	5	47,989	5	37,702	5	27,578	5	17,380	5	7,093	5		5					
1 1/4	58,063	1 1/4	47,775	1 1/4	37,488	1 1/4	27,370	1 1/4	17,166	1 1/4	6,879	1 1/4		1 1/4					
1 1/2	57,848	1 1/2	47,561	1 1/2	37,273	1 1/2	27,161	1 1/2	16,952	1 1/2	6,664	1 1/2		1 1/2					
1 3/4	57,634	1 3/4	47,346	1 3/4	37,059	1 3/4	26,953	1 3/4	16,737	1 3/4	6,450	1 3/4		1 3/4					
6	57,420	6	47,132	6	36,845	6	26,745	6	16,523	6	6,236	6		6					
1 1/4	57,205	1 1/4	46,918	1 1/4	36,630	1 1/4	26,537	1 1/4	16,309	1 1/4	6,022	1 1/4		1 1/4					
1 1/2	56,991	1 1/2	46,704	1 1/2	36,416	1 1/2	26,330	1 1/2	16,094	1 1/2	5,807	1 1/2		1 1/2					
1 3/4	56,777	1 3/4	46,489	1 3/4	36,202	1 3/4	26,122	1 3/4	15,880	1 3/4	5,593	1 3/4		1 3/4					
7	56,562	7	46,275	7	35,987	7	25,914	7	15,668	7	5,379	7		7					
1 1/4	56,348	1 1/4	46,061	1 1/4	35,773	1 1/4	25,706	1 1/4	15,451	1 1/4	5,164	1 1/4		1 1/4					
1 1/2	56,134	1 1/2	45,846	1 1/2	35,559	1 1/2	25,498	1 1/2	15,237	1 1/2	4,950	1 1/2		1 1/2					
1 3/4	55,919	1 3/4	45,632	1 3/4	35,344	1 3/4	25,290	1 3/4	15,023	1 3/4	4,736	1 3/4		1 3/4					
8	55,705	8	45,418	8	35,130	8	25,083	8	14,808	8	4,521	8		8					
1 1/4	55,491	1 1/4	45,203	1 1/4	34,916	1 1/4	24,876	1 1/4	14,594	1 1/4	4,307	1 1/4		1 1/4					
1 1/2	55,277	1 1/2	44,989	1 1/2	34,701	1 1/2	24,662	1 1/2	14,380	1 1/2	4,093	1 1/2		1 1/2					
1 3/4	55,062	1 3/4	44,775	1 3/4	34,487	1 3/4	24,449	1 3/4	14,166	1 3/4	3,878	1 3/4		1 3/4					
9	54,848	9	44,560	9	34,273	9	24,237	9	13,951	9	3,664	9		9					
1 1/4	54,634	1 1/4	44,346	1 1/4	34,058	1 1/4	24,024	1 1/4	13,737	1 1/4	3,450	1 1/4		1 1/4					
1 1/2	54,419	1 1/2	44,132	1 1/2	33,844	1 1/2	23,810	1 1/2	13,523	1 1/2	3,236	1 1/2		1 1/2					
1 3/4	54,205	1 3/4	43,917	1 3/4	33,630	1 3/4	23,595	1 3/4	13,308	1 3/4	3,021	1 3/4		1 3/4					
10	53,991	10	43,703	10	33,416	10	23,381	10	13,094	10	2,807	10		10					
1 1/4	53,778	1 1/4	43,489	1 1/4	33,201	1 1/4	23,167	1 1/4	12,880	1 1/4	2,593	1 1/4		1 1/4					
1 1/2	53,562	1 1/2	43,274	1 1/2	32,981	1 1/2	22,952	1 1/2	12,665	1 1/2	2,380	1 1/2		1 1/2					
1 3/4	53,348	1 3/4	43,060	1 3/4	32,762	1 3/4	22,738	1 3/4	12,451	1 3/4	2,166	1 3/4		1 3/4					
11	53,133	11	42,846	11	32,572	11	22,524	11	12,237	11	1,953	11		11					
1 1/4	52,919	1 1/4	42,631	1 1/4	32,362	1 1/4	22,310	1 1/4	12,022	1 1/4	1,739	1 1/4		1 1/4					
1 1/2	52,705	1 1/2	42,417	1 1/2	32,154	1 1/2	22,095	1 1/2	11,808	1 1/2	1,524	1 1/2		1 1/2					
1 3/4	52,490	1 3/4	42,203	1 3/4	31,946	1 3/4	21,881	1 3/4	11,594	1 3/4	1,329	1 3/4		1 3/4					

STRAPPED: 03/18/2020 CL
CALCULATED: 03/17/2020 CL
PRINTED: 03/17/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "IB 1315"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	154,751	0	146,201	0	134,859	0	124,517	0	114,175	0	103,833	0	93,491	0	83,148	0	72,807	
1/4	1/4	154,893	1/4	144,985	1/4	134,843	1/4	124,301	1/4	113,959	1/4	103,817	1/4	93,275	1/4	82,934	1/4	72,592	
1/2	1/2	154,836	1/2	144,770	1/2	134,428	1/2	124,086	1/2	113,744	1/2	103,402	1/2	93,080	1/2	82,718	1/2	72,376	
3/4	3/4	154,509	3/4	144,554	3/4	134,212	3/4	123,870	3/4	113,528	3/4	103,187	3/4	92,845	3/4	82,503	3/4	72,161	
1	1	154,383	1	144,339	1	133,997	1	123,655	1	113,313	1	102,971	1	92,629	1	82,287	1	71,945	
1/4	1/4	154,258	1/4	144,123	1/4	133,781	1/4	123,439	1/4	113,098	1/4	102,756	1/4	92,414	1/4	82,072	1/4	71,730	
1/2	1/2	154,132	1/2	143,908	1/2	133,666	1/2	123,224	1/2	112,882	1/2	102,640	1/2	92,198	1/2	81,856	1/2	71,514	
3/4	3/4	153,942	3/4	143,692	3/4	133,351	3/4	123,009	3/4	112,667	3/4	102,325	3/4	91,983	3/4	81,641	3/4	71,299	
2	2	153,752	2	143,477	2	133,135	2	122,793	2	112,451	2	102,109	2	91,787	2	81,425	2	71,083	
1/4	1/4	153,582	1/4	143,262	1/4	132,920	1/4	122,578	1/4	112,238	1/4	101,894	1/4	91,552	1/4	81,210	1/4	70,868	
1/2	1/2	153,373	1/2	143,046	1/2	132,704	1/2	122,362	1/2	112,020	1/2	101,678	1/2	91,336	1/2	80,984	1/2	70,653	
3/4	3/4	153,161	3/4	142,831	3/4	132,489	3/4	122,147	3/4	111,805	3/4	101,463	3/4	91,121	3/4	80,779	3/4	70,437	
3	3	152,948	3	142,615	3	132,273	3	121,931	3	111,589	3	101,247	3	90,906	3	80,564	3	70,222	
1/4	1/4	152,736	1/4	142,400	1/4	132,058	1/4	121,716	1/4	111,374	1/4	101,032	1/4	90,690	1/4	80,348	1/4	70,006	
1/2	1/2	152,524	1/2	142,184	1/2	131,842	1/2	121,500	1/2	111,158	1/2	100,817	1/2	90,475	1/2	80,133	1/2	69,791	
3/4	3/4	152,309	3/4	141,969	3/4	131,627	3/4	121,285	3/4	110,943	3/4	100,601	3/4	90,259	3/4	79,917	3/4	69,576	
4	4	152,094	4	141,753	4	131,411	4	121,089	4	110,728	4	100,386	4	90,044	4	79,702	4	69,360	
1/4	1/4	151,879	1/4	141,538	1/4	131,196	1/4	120,854	1/4	110,512	1/4	100,170	1/4	89,828	1/4	79,486	1/4	69,144	
1/2	1/2	151,664	1/2	141,322	1/2	130,980	1/2	120,639	1/2	110,297	1/2	99,955	1/2	89,613	1/2	79,271	1/2	68,929	
3/4	3/4	151,449	3/4	141,107	3/4	130,765	3/4	120,423	3/4	110,081	3/4	99,739	3/4	89,397	3/4	79,055	3/4	68,713	
5	5	151,233	5	140,892	5	130,550	5	120,208	5	109,866	5	99,524	5	89,182	5	78,840	5	68,498	
1/4	1/4	151,018	1/4	140,676	1/4	130,334	1/4	119,992	1/4	109,650	1/4	99,308	1/4	88,966	1/4	78,624	1/4	68,283	
1/2	1/2	150,803	1/2	140,461	1/2	130,119	1/2	119,777	1/2	109,435	1/2	99,083	1/2	88,751	1/2	78,409	1/2	68,067	
3/4	3/4	150,587	3/4	140,245	3/4	129,903	3/4	119,561	3/4	109,219	3/4	98,877	3/4	88,536	3/4	78,194	3/4	67,852	
6	6	150,372	6	140,030	6	129,688	6	119,346	6	109,004	6	98,662	6	88,320	6	77,978	6	67,638	
1/4	1/4	150,156	1/4	139,814	1/4	129,472	1/4	119,130	1/4	108,788	1/4	98,446	1/4	88,105	1/4	77,763	1/4	67,421	
1/2	1/2	149,941	1/2	139,599	1/2	129,257	1/2	118,915	1/2	108,573	1/2	98,231	1/2	87,889	1/2	77,547	1/2	67,205	
3/4	3/4	149,725	3/4	139,383	3/4	129,041	3/4	118,699	3/4	108,358	3/4	98,016	3/4	87,674	3/4	77,332	3/4	66,990	
7	7	149,510	7	139,168	7	128,826	7	118,484	7	108,142	7	97,800	7	87,458	7	77,118	7	66,774	
1/4	1/4	149,294	1/4	138,952	1/4	128,610	1/4	118,269	1/4	107,927	1/4	97,585	1/4	87,243	1/4	76,901	1/4	66,559	
1/2	1/2	149,079	1/2	138,737	1/2	128,395	1/2	118,053	1/2	107,711	1/2	97,369	1/2	87,027	1/2	76,685	1/2	66,343	
3/4	3/4	148,863	3/4	138,521	3/4	128,180	3/4	117,838	3/4	107,498	3/4	97,164	3/4	86,812	3/4	76,470	3/4	66,128	
8	8	148,648	8	138,306	8	127,964	8	117,622	8	107,280	8	96,938	8	86,606	8	76,254	8	65,913	
1/4	1/4	148,432	1/4	138,091	1/4	127,749	1/4	117,407	1/4	107,065	1/4	96,733	1/4	86,381	1/4	76,039	1/4	65,697	
1/2	1/2	148,217	1/2	137,875	1/2	127,533	1/2	117,191	1/2	106,849	1/2	96,567	1/2	86,165	1/2	75,824	1/2	65,482	
3/4	3/4	148,002	3/4	137,660	3/4	127,318	3/4	116,976	3/4	106,634	3/4	96,292	3/4	85,980	3/4	75,608	3/4	65,266	
9	9	147,788	9	137,444	9	127,102	9	116,760	9	106,418	9	96,076	9	85,735	9	75,393	9	65,051	
1/4	1/4	147,571	1/4	137,229	1/4	126,887	1/4	116,545	1/4	106,203	1/4	95,861	1/4	85,519	1/4	75,177	1/4	64,835	
1/2	1/2	147,355	1/2	137,013	1/2	126,671	1/2	116,329	1/2	105,987	1/2	95,646	1/2	85,304	1/2	74,982	1/2	64,620	
3/4	3/4	147,140	3/4	136,798	3/4	126,456	3/4	116,114	3/4	105,772	3/4	95,430	3/4	85,088	3/4	74,746	3/4	64,404	
10	10	146,924	10	136,582	10	126,240	10	115,899	10	105,557	10	95,215	10	84,873	10	74,531	10	64,189	
1/4	1/4	146,709	1/4	136,367	1/4	126,025	1/4	115,683	1/4	105,341	1/4	94,999	1/4	84,657	1/4	74,315	1/4	63,973	
1/2	1/2	146,493	1/2	136,151	1/2	125,810	1/2	115,468	1/2	105,126	1/2	94,784	1/2	84,442	1/2	74,100	1/2	63,758	
3/4	3/4	146,278	3/4	135,936	3/4	125,594	3/4	115,252	3/4	104,910	3/4	94,568	3/4	84,226	3/4	73,884	3/4	63,542	
11	11	146,062	11	135,721	11	125,379	11	115,037	11	104,695	11	94,363	11	84,011	11	73,669	11	63,327	
1/4	1/4	145,847	1/4	135,505	1/4	125,163	1/4	114,821	1/4	104,479	1/4	94,137	1/4	83,795	1/4	73,453	1/4	63,112	
1/2	1/2	145,632	1/2	135,290	1/2	124,948	1/2	114,606	1/2	104,264	1/2	93,922	1/2	83,580	1/2	73,238	1/2	62,896	
3/4	3/4	145,416	3/4	135,074	3/4	124,732	3/4	114,390	3/4	104,048	3/4	93,706	3/4	83,365	3/4	73,023	3/4	62,681	

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 ART BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77688
 Http://www.pmaecorp.net



BARGE "IB 1315"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	62,466	0	52,123	0	41,781	0	31,446	0	21,134	0	10,793	0	628	0		0			
1/4	62,260	1/4	51,908	1/4	41,566	1/4	31,232	1/4	20,919	1/4	10,577	1/4	480	1/4		1/4			
1/2	62,034	1/2	51,692	1/2	41,360	1/2	31,017	1/2	20,703	1/2	10,382	1/2	332	1/2		1/2			
3/4	61,819	3/4	51,477	3/4	41,135	3/4	30,802	3/4	20,488	3/4	10,146	3/4	268	3/4		3/4			
1	61,603	1	51,261	1	40,920	1	30,588	1	20,272	1	9,931	1	203	1		1			
1 1/4	61,388	1 1/4	51,046	1 1/4	40,704	1 1/4	30,374	1 1/4	20,057	1 1/4	9,716	1 1/4	136	1 1/4		1 1/4			
1 1/2	61,172	1 1/2	50,831	1 1/2	40,489	1 1/2	30,159	1 1/2	19,842	1 1/2	9,500	1 1/2	74	1 1/2		1 1/2			
3/4	60,957	3/4	50,615	3/4	40,273	3/4	29,945	3/4	19,626	3/4	9,285	3/4		3/4		3/4			
2	60,742	2	50,400	2	40,058	2	29,730	2	19,411	2	9,069	2		2		2			
1 1/4	60,526	1 1/4	50,184	1 1/4	39,842	1 1/4	29,516	1 1/4	19,195	1 1/4	8,854	1 1/4		1 1/4		1 1/4			
1 1/2	60,311	1 1/2	49,969	1 1/2	39,627	1 1/2	29,301	1 1/2	18,980	1 1/2	8,638	1 1/2		1 1/2		1 1/2			
3/4	60,095	3/4	49,753	3/4	39,411	3/4	29,087	3/4	18,764	3/4	8,423	3/4		3/4		3/4			
3	59,880	3	49,538	3	39,196	3	28,872	3	18,549	3	8,207	3		3		3			
1 1/2	59,664	1 1/2	49,322	1 1/2	38,980	1 1/2	28,658	1 1/2	18,333	1 1/2	7,992	1 1/2		1 1/2		1 1/2			
1 1/2	59,449	1 1/2	49,107	1 1/2	38,765	1 1/2	28,443	1 1/2	18,118	1 1/2	7,777	1 1/2		1 1/2		1 1/2			
3/4	59,233	3/4	48,891	3/4	38,549	3/4	28,229	3/4	17,903	3/4	7,561	3/4		3/4		3/4			
4	59,018	4	48,676	4	38,334	4	28,014	4	17,687	4	7,346	4		4		4			
1 1/4	58,802	1 1/4	48,460	1 1/4	38,119	1 1/4	27,800	1 1/4	17,472	1 1/4	7,130	1 1/4		1 1/4		1 1/4			
1 1/2	58,587	1 1/2	48,245	1 1/2	37,903	1 1/2	27,585	1 1/2	17,256	1 1/2	6,916	1 1/2		1 1/2		1 1/2			
3/4	58,372	3/4	48,030	3/4	37,688	3/4	27,371	3/4	17,041	3/4	6,699	3/4		3/4		3/4			
6	58,156	6	47,814	6	37,472	6	27,156	6	16,825	6	6,484	6		6		6			
1 1/4	57,941	1 1/4	47,599	1 1/4	37,257	1 1/4	26,942	1 1/4	16,610	1 1/4	6,268	1 1/4		1 1/4		1 1/4			
1 1/2	57,725	1 1/2	47,383	1 1/2	37,041	1 1/2	26,727	1 1/2	16,394	1 1/2	6,053	1 1/2		1 1/2		1 1/2			
3/4	57,510	3/4	47,168	3/4	36,826	3/4	26,513	3/4	16,179	3/4	5,837	3/4		3/4		3/4			
6	57,294	6	46,952	6	36,610	6	26,298	6	15,964	6	5,622	6		6		6			
1 1/4	57,079	1 1/4	46,737	1 1/4	36,395	1 1/4	26,084	1 1/4	15,748	1 1/4	5,407	1 1/4		1 1/4		1 1/4			
1 1/2	56,863	1 1/2	46,521	1 1/2	36,179	1 1/2	25,869	1 1/2	15,533	1 1/2	5,191	1 1/2		1 1/2		1 1/2			
3/4	56,648	3/4	46,306	3/4	35,964	3/4	25,655	3/4	15,317	3/4	4,976	3/4		3/4		3/4			
7	56,432	7	46,090	7	35,749	7	25,440	7	15,102	7	4,760	7		7		7			
1 1/4	56,217	1 1/4	45,875	1 1/4	35,533	1 1/4	25,226	1 1/4	14,886	1 1/4	4,545	1 1/4		1 1/4		1 1/4			
1 1/2	56,001	1 1/2	45,660	1 1/2	35,318	1 1/2	25,011	1 1/2	14,671	1 1/2	4,329	1 1/2		1 1/2		1 1/2			
3/4	55,786	3/4	45,444	3/4	35,102	3/4	24,796	3/4	14,455	3/4	4,114	3/4		3/4		3/4			
8	55,571	8	45,229	8	34,887	8	24,581	8	14,240	8	3,898	8		8		8			
1 1/4	55,355	1 1/4	45,013	1 1/4	34,671	1 1/4	24,366	1 1/4	14,025	1 1/4	3,683	1 1/4		1 1/4		1 1/4			
1 1/2	55,140	1 1/2	44,798	1 1/2	34,456	1 1/2	24,151	1 1/2	13,809	1 1/2	3,468	1 1/2		1 1/2		1 1/2			
3/4	54,924	3/4	44,582	3/4	34,240	3/4	23,935	3/4	13,594	3/4	3,252	3/4		3/4		3/4			
9	54,709	9	44,367	9	34,025	9	23,720	9	13,378	9	3,037	9		9		9			
1 1/4	54,493	1 1/4	44,151	1 1/4	33,809	1 1/4	23,504	1 1/4	13,163	1 1/4	2,822	1 1/4		1 1/4		1 1/4			
1 1/2	54,278	1 1/2	43,936	1 1/2	33,594	1 1/2	23,289	1 1/2	12,947	1 1/2	2,607	1 1/2		1 1/2		1 1/2			
3/4	54,062	3/4	43,720	3/4	33,379	3/4	23,073	3/4	12,732	3/4	2,392	3/4		3/4		3/4			
10	53,847	10	43,505	10	33,164	10	22,858	10	12,516	10	2,177	10		10		10			
1 1/4	53,631	1 1/4	43,289	1 1/4	32,949	1 1/4	22,642	1 1/4	12,301	1 1/4	1,963	1 1/4		1 1/4		1 1/4			
1 1/2	53,416	1 1/2	43,074	1 1/2	32,734	1 1/2	22,427	1 1/2	12,085	1 1/2	1,748	1 1/2		1 1/2		1 1/2			
3/4	53,201	3/4	42,859	3/4	32,519	3/4	22,212	3/4	11,870	3/4	1,532	3/4		3/4		3/4			
11	52,985	11	42,643	11	32,305	11	21,996	11	11,655	11	1,316	11		11		11			
1 1/4	52,770	1 1/4	42,428	1 1/4	32,090	1 1/4	21,781	1 1/4	11,439	1 1/4	1,130	1 1/4		1 1/4		1 1/4			
1 1/2	52,554	1 1/2	42,212	1 1/2	31,875	1 1/2	21,565	1 1/2	11,224	1 1/2	924	1 1/2		1 1/2		1 1/2			
3/4	52,339	3/4	41,997	3/4	31,661	3/4	21,350	3/4	11,008	3/4	776	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2020 CL
CALCULATED: 03/17/2020 CL
PRINTED: 03/17/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

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