

Gallons



BARGE "IB 1305"

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 1305"

1 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	170,557	0	160,949	0	150,755	0	140,561	0	130,367	0	119,489	0	107,587	0	95,669	0	83,761	
1/4	1/4	170,489	1/4	160,737	1/4	150,543	1/4	140,349	1/4	130,155	1/4	119,281	1/4	107,339	1/4	95,421	1/4	83,503	
1/2	1/2	170,422	1/2	160,524	1/2	150,330	1/2	140,136	1/2	129,942	1/2	119,003	1/2	107,090	1/2	95,172	1/2	83,265	
3/4	3/4	170,277	3/4	160,312	3/4	150,118	3/4	139,924	3/4	129,730	3/4	118,755	3/4	106,842	3/4	94,924	3/4	83,006	
1	1	170,132	1	160,099	1	149,906	1	139,712	1	129,518	1	118,508	1	106,594	1	94,676	1	82,758	
1 1/4	1 1/4	169,987	1 1/4	159,887	1 1/4	149,693	1 1/4	139,499	1 1/4	129,305	1 1/4	118,260	1 1/4	106,345	1 1/4	94,428	1 1/4	82,610	
1 1/2	1 1/2	169,842	1 1/2	159,675	1 1/2	149,481	1 1/2	139,287	1 1/2	129,093	1 1/2	118,012	1 1/2	106,087	1 1/2	94,179	1 1/2	82,261	
1 3/4	1 3/4	169,636	1 3/4	159,462	1 3/4	149,268	1 3/4	139,075	1 3/4	128,881	1 3/4	117,764	1 3/4	105,848	1 3/4	93,931	1 3/4	82,014	
2	2	169,431	2	159,260	2	149,056	2	138,862	2	128,666	2	117,516	2	105,800	2	93,883	2	81,766	
2 1/4	2 1/4	169,225	2 1/4	159,038	2 1/4	148,844	2 1/4	138,650	2 1/4	128,456	2 1/4	117,268	2 1/4	105,352	2 1/4	93,434	2 1/4	81,519	
2 1/2	2 1/2	169,020	2 1/2	158,825	2 1/2	148,631	2 1/2	138,437	2 1/2	128,243	2 1/2	117,020	2 1/2	105,104	2 1/2	93,186	2 1/2	81,271	
2 3/4	2 3/4	168,807	2 3/4	158,613	2 3/4	148,419	2 3/4	138,225	2 3/4	128,031	2 3/4	116,772	2 3/4	104,858	2 3/4	92,938	2 3/4	81,024	
3	3	168,593	3	158,400	3	148,207	3	138,013	3	127,819	3	116,524	3	104,607	3	92,690	3	80,777	
3 1/4	3 1/4	168,380	3 1/4	158,188	3 1/4	147,994	3 1/4	137,800	3 1/4	127,606	3 1/4	116,278	3 1/4	104,359	3 1/4	92,441	3 1/4	80,530	
3 1/2	3 1/2	168,167	3 1/2	157,976	3 1/2	147,782	3 1/2	137,588	3 1/2	127,394	3 1/2	116,028	3 1/2	104,111	3 1/2	92,193	3 1/2	80,283	
3 3/4	3 3/4	167,955	3 3/4	157,763	3 3/4	147,569	3 3/4	137,376	3 3/4	127,182	3 3/4	115,780	3 3/4	103,862	3 3/4	91,945	3 3/4	80,035	
4	4	167,744	4	157,551	4	147,357	4	137,163	4	126,969	4	116,532	4	103,614	4	91,698	4	79,788	
4 1/4	4 1/4	167,532	4 1/4	157,339	4 1/4	147,146	4 1/4	136,951	4 1/4	126,757	4 1/4	116,284	4 1/4	103,366	4 1/4	91,448	4 1/4	79,541	
4 1/2	4 1/2	167,320	4 1/2	157,126	4 1/2	146,932	4 1/2	136,738	4 1/2	126,544	4 1/2	116,036	4 1/2	103,118	4 1/2	91,200	4 1/2	79,294	
4 3/4	4 3/4	167,108	4 3/4	156,914	4 3/4	146,720	4 3/4	136,526	4 3/4	126,332	4 3/4	114,787	4 3/4	102,869	4 3/4	90,952	4 3/4	79,046	
5	5	166,895	5	156,701	5	146,508	5	136,314	5	126,120	5	114,539	5	102,621	5	90,703	5	78,799	
5 1/4	5 1/4	166,683	5 1/4	156,489	5 1/4	146,295	5 1/4	136,101	5 1/4	126,007	5 1/4	114,291	5 1/4	102,373	5 1/4	90,455	5 1/4	78,552	
5 1/2	5 1/2	166,471	5 1/2	156,277	5 1/2	146,083	5 1/2	135,889	5 1/2	125,895	5 1/2	114,042	5 1/2	102,124	5 1/2	90,207	5 1/2	78,305	
5 3/4	5 3/4	166,258	5 3/4	156,064	5 3/4	145,870	5 3/4	135,677	5 3/4	125,683	5 3/4	113,794	5 3/4	101,876	5 3/4	89,958	5 3/4	78,057	
6	6	166,046	6	155,852	6	145,658	6	135,464	6	125,470	6	113,546	6	101,628	6	89,710	6	77,810	
6 1/4	6 1/4	165,834	6 1/4	155,640	6 1/4	145,446	6 1/4	135,252	6 1/4	125,258	6 1/4	113,297	6 1/4	101,380	6 1/4	89,462	6 1/4	77,563	
6 1/2	6 1/2	165,621	6 1/2	155,427	6 1/2	145,233	6 1/2	135,039	6 1/2	125,046	6 1/2	113,049	6 1/2	101,131	6 1/2	89,214	6 1/2	77,316	
6 3/4	6 3/4	165,409	6 3/4	155,215	6 3/4	145,021	6 3/4	134,827	6 3/4	124,830	6 3/4	112,801	6 3/4	100,883	6 3/4	88,965	6 3/4	77,069	
7	7	165,196	7	155,002	7	144,809	7	134,615	7	124,616	7	112,553	7	100,635	7	88,717	7	76,821	
7 1/4	7 1/4	164,984	7 1/4	154,790	7 1/4	144,596	7 1/4	134,402	7 1/4	124,409	7 1/4	112,304	7 1/4	100,386	7 1/4	88,469	7 1/4	76,574	
7 1/2	7 1/2	164,772	7 1/2	154,578	7 1/2	144,384	7 1/2	134,190	7 1/2	124,196	7 1/2	112,056	7 1/2	100,138	7 1/2	88,220	7 1/2	76,327	
7 3/4	7 3/4	164,559	7 3/4	154,365	7 3/4	144,171	7 3/4	133,976	7 3/4	123,983	7 3/4	111,808	7 3/4	99,890	7 3/4	87,972	7 3/4	76,080	
8	8	164,347	8	154,153	8	143,959	8	133,765	8	123,769	8	111,559	8	99,642	8	87,724	8	75,832	
8 1/4	8 1/4	164,135	8 1/4	153,941	8 1/4	143,747	8 1/4	133,553	8 1/4	123,554	8 1/4	111,311	8 1/4	99,393	8 1/4	87,475	8 1/4	75,585	
8 1/2	8 1/2	163,922	8 1/2	153,728	8 1/2	143,534	8 1/2	133,340	8 1/2	123,340	8 1/2	111,063	8 1/2	99,145	8 1/2	87,227	8 1/2	75,338	
8 3/4	8 3/4	163,710	8 3/4	153,516	8 3/4	143,322	8 3/4	133,128	8 3/4	123,128	8 3/4	110,815	8 3/4	98,897	8 3/4	86,979	8 3/4	75,091	
9	9	163,497	9	153,304	9	143,110	9	132,916	9	122,916	9	110,566	9	98,648	9	86,731	9	74,843	
9 1/4	9 1/4	163,285	9 1/4	153,091	9 1/4	142,897	9 1/4	132,703	9 1/4	122,727	9 1/4	110,318	9 1/4	98,400	9 1/4	86,482	9 1/4	74,596	
9 1/2	9 1/2	163,073	9 1/2	152,879	9 1/2	142,685	9 1/2	132,491	9 1/2	122,519	9 1/2	110,070	9 1/2	98,152	9 1/2	86,234	9 1/2	74,349	
9 3/4	9 3/4	162,860	9 3/4	152,666	9 3/4	142,472	9 3/4	132,279	9 3/4	122,311	9 3/4	109,821	9 3/4	97,904	9 3/4	85,986	9 3/4	74,102	
10	10	162,648	10	152,454	10	142,260	10	132,066	10	122,103	10	109,573	10	97,655	10	85,737	10	73,854	
10 1/4	10 1/4	162,436	10 1/4	152,242	10 1/4	142,048	10 1/4	131,854	10 1/4	121,895	10 1/4	109,325	10 1/4	97,407	10 1/4	85,489	10 1/4	73,607	
10 1/2	10 1/2	162,223	10 1/2	152,029	10 1/2	141,835	10 1/2	131,641	10 1/2	121,687	10 1/2	109,077	10 1/2	97,159	10 1/2	85,241	10 1/2	73,360	
10 3/4	10 3/4	162,011	10 3/4	151,817	10 3/4	141,623	10 3/4	131,429	10 3/4	121,479	10 3/4	108,828	10 3/4	96,910	10 3/4	84,993	10 3/4	73,113	
11	11	161,798	11	151,605	11	141,411	11	131,217	11	121,269	11	108,580	11	96,662	11	84,744	11	72,866	
11 1/4	11 1/4	161,586	11 1/4	151,392	11 1/4	141,198	11 1/4	131,004	11 1/4	121,061	11 1/4	108,332	11 1/4	96,414	11 1/4	84,496	11 1/4	72,619	
11 1/2	11 1/2	161,374	11 1/2	151,180	11 1/2	140,986	11 1/2	130,792	11 1/2	120,855	11 1/2	108,083	11 1/2	96,166	11 1/2	84,248	11 1/2	72,371	
11 3/4	11 3/4	161,161	11 3/4	150,967	11 3/4	140,773	11 3/4	130,580	11 3/4	120,647	11 3/4	107,835	11 3/4	95,917	11 3/4	83,999	11 3/4	72,123	

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 77666
<http://www.pmacorp.net>



BARGE "IB 1305"

1 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	71,875	0	59,983	0	48,050	0	36,213	0	24,542	0	12,610	0	870	0					
1/4	71,827	1/4	59,714	1/4	47,801	1/4	35,973	1/4	24,294	1/4	12,362	1/4	899	1/4					
1/2	71,379	1/2	59,466	1/2	47,553	1/2	35,733	1/2	24,046	1/2	12,113	1/2	929	1/2					
3/4	71,131	3/4	59,218	3/4	47,305	3/4	35,494	3/4	23,797	3/4	11,864	3/4	954	3/4					
1	70,883	1	58,970	1	47,057	1	35,254	1	23,549	1	11,616	1	379	1					
1 1/4	70,835	1 1/4	58,722	1 1/4	46,809	1 1/4	35,014	1 1/4	23,301	1 1/4	11,368	1 1/4	305	1 1/4					
1 1/2	70,387	1 1/2	58,473	1 1/2	46,560	1 1/2	34,774	1 1/2	23,052	1 1/2	11,117	1 1/2	231	1 1/2					
1 3/4	70,138	1 3/4	58,225	1 3/4	46,312	1 3/4	34,535	1 3/4	22,804	1 3/4	10,868	1 3/4		1 3/4					
2	69,890	2	57,977	2	46,064	2	34,295	2	22,556	2	10,620	2		2					
2 1/4	69,642	2 1/4	57,729	2 1/4	45,816	2 1/4	34,056	2 1/4	22,307	2 1/4	10,371	2 1/4		2 1/4					
2 1/2	69,394	2 1/2	57,481	2 1/2	45,568	2 1/2	33,817	2 1/2	22,059	2 1/2	10,122	2 1/2		2 1/2					
2 3/4	69,146	2 3/4	57,233	2 3/4	45,319	2 3/4	33,578	2 3/4	21,811	2 3/4	9,873	2 3/4		2 3/4					
3	68,897	3	56,984	3	45,071	3	33,336	3	21,562	3	9,624	3		3					
3 1/4	68,849	3 1/4	56,736	3 1/4	44,823	3 1/4	33,098	3 1/4	21,314	3 1/4	9,375	3 1/4		3 1/4					
3 1/2	68,401	3 1/2	56,488	3 1/2	44,575	3 1/2	32,857	3 1/2	21,066	3 1/2	9,127	3 1/2		3 1/2					
3 3/4	68,153	3 3/4	56,240	3 3/4	44,327	3 3/4	32,617	3 3/4	20,817	3 3/4	8,878	3 3/4		3 3/4					
4	67,905	4	55,992	4	44,079	4	32,377	4	20,569	4	8,629	4		4					
4 1/4	67,856	4 1/4	55,743	4 1/4	43,830	4 1/4	32,137	4 1/4	20,321	4 1/4	8,380	4 1/4		4 1/4					
4 1/2	67,408	4 1/2	55,495	4 1/2	43,582	4 1/2	31,888	4 1/2	20,072	4 1/2	8,131	4 1/2		4 1/2					
4 3/4	67,160	4 3/4	55,247	4 3/4	43,334	4 3/4	31,658	4 3/4	19,824	4 3/4	7,882	4 3/4		4 3/4					
5	66,912	5	54,998	5	43,086	5	31,418	5	19,576	5	7,634	5		5					
5 1/4	66,864	5 1/4	54,751	5 1/4	42,838	5 1/4	31,179	5 1/4	19,327	5 1/4	7,385	5 1/4		5 1/4					
5 1/2	66,416	5 1/2	54,502	5 1/2	42,589	5 1/2	30,938	5 1/2	19,079	5 1/2	7,136	5 1/2		5 1/2					
5 3/4	66,167	5 3/4	54,254	5 3/4	42,341	5 3/4	30,698	5 3/4	18,830	5 3/4	6,887	5 3/4		5 3/4					
6	65,919	6	54,006	6	42,093	6	30,456	6	18,582	6	6,638	6		6					
6 1/4	65,871	6 1/4	53,758	6 1/4	41,845	6 1/4	30,215	6 1/4	18,333	6 1/4	6,389	6 1/4		6 1/4					
6 1/2	65,423	6 1/2	53,510	6 1/2	41,597	6 1/2	29,974	6 1/2	18,084	6 1/2	6,141	6 1/2		6 1/2					
6 3/4	65,175	6 3/4	53,261	6 3/4	41,348	6 3/4	29,732	6 3/4	17,835	6 3/4	5,892	6 3/4		6 3/4					
7	64,928	7	53,013	7	41,100	7	29,490	7	17,586	7	5,643	7		7					
7 1/4	64,878	7 1/4	52,766	7 1/4	40,852	7 1/4	29,248	7 1/4	17,338	7 1/4	5,394	7 1/4		7 1/4					
7 1/2	64,430	7 1/2	52,517	7 1/2	40,604	7 1/2	29,006	7 1/2	17,089	7 1/2	5,146	7 1/2		7 1/2					
7 3/4	64,182	7 3/4	52,269	7 3/4	40,356	7 3/4	28,759	7 3/4	16,840	7 3/4	4,898	7 3/4		7 3/4					
8	63,934	8	52,021	8	40,107	8	28,513	8	16,591	8	4,648	8		8					
8 1/4	63,885	8 1/4	51,772	8 1/4	39,859	8 1/4	28,266	8 1/4	16,342	8 1/4	4,399	8 1/4		8 1/4					
8 1/2	63,437	8 1/2	51,524	8 1/2	39,611	8 1/2	28,019	8 1/2	16,093	8 1/2	4,150	8 1/2		8 1/2					
8 3/4	63,188	8 3/4	51,276	8 3/4	39,363	8 3/4	27,771	8 3/4	15,845	8 3/4	3,901	8 3/4		8 3/4					
9	62,941	9	51,028	9	39,115	9	27,523	9	15,596	9	3,653	9		9					
9 1/4	62,893	9 1/4	50,780	9 1/4	38,867	9 1/4	27,274	9 1/4	15,347	9 1/4	3,404	9 1/4		9 1/4					
9 1/2	62,444	9 1/2	50,531	9 1/2	38,618	9 1/2	27,026	9 1/2	15,098	9 1/2	3,155	9 1/2		9 1/2					
9 3/4	62,196	9 3/4	50,283	9 3/4	38,377	9 3/4	26,778	9 3/4	14,850	9 3/4	2,907	9 3/4		9 3/4					
10	61,948	10	50,035	10	38,136	10	26,529	10	14,601	10	2,660	10		10					
10 1/4	61,700	10 1/4	49,787	10 1/4	37,893	10 1/4	26,281	10 1/4	14,352	10 1/4	2,412	10 1/4		10 1/4					
10 1/2	61,452	10 1/2	49,539	10 1/2	37,651	10 1/2	26,033	10 1/2	14,103	10 1/2	2,164	10 1/2		10 1/2					
10 3/4	61,204	10 3/4	49,290	10 3/4	37,411	10 3/4	25,784	10 3/4	13,854	10 3/4	1,926	10 3/4		10 3/4					
11	60,955	11	49,042	11	37,172	11	25,536	11	13,606	11	1,688	11		11					
11 1/4	60,707	11 1/4	48,794	11 1/4	36,932	11 1/4	25,287	11 1/4	13,357	11 1/4	1,450	11 1/4		11 1/4					
11 1/2	60,459	11 1/2	48,546	11 1/2	36,692	11 1/2	25,039	11 1/2	13,108	11 1/2	1,212	11 1/2		11 1/2					
11 3/4	60,211	11 3/4	48,298	11 3/4	36,452	11 3/4	24,791	11 3/4	12,859	11 3/4	1,041	11 3/4		11 3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2019 CL
CALCULATED: 08/26/2019 CL
PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1305"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	153,731	1/4	144,747	1/4	134,682	1/4	124,402	1/4	114,123	1/4	103,844	1/4	93,565	1/4	83,285	1/4	73,006	1/4	62,727
1/2	1/2	153,713	1/2	144,533	1/2	134,253	1/2	123,974	1/2	113,695	1/2	103,416	1/2	93,136	1/2	82,857	1/2	72,578	1/2	62,299
3/4	3/4	153,655	3/4	144,318	3/4	134,039	3/4	123,760	3/4	113,481	3/4	103,201	3/4	92,922	3/4	82,643	3/4	72,364	3/4	62,085
1	1	153,697	1	144,104	1	133,825	1	123,546	1	113,267	1	102,987	1	92,708	1	82,429	1	72,149	1	61,870
1 1/4	1 1/4	153,639	1 1/4	143,890	1 1/4	133,611	1 1/4	123,332	1 1/4	113,052	1 1/4	102,773	1 1/4	92,494	1 1/4	82,215	1 1/4	71,936	1 1/4	61,657
1 1/2	1 1/2	153,481	1 1/2	143,676	1 1/2	133,397	1 1/2	123,117	1 1/2	112,838	1 1/2	102,559	1 1/2	92,280	1 1/2	82,000	1 1/2	71,721	1 1/2	61,438
1 3/4	1 3/4	153,366	1 3/4	143,462	1 3/4	133,183	1 3/4	122,903	1 3/4	112,624	1 3/4	102,345	1 3/4	92,065	1 3/4	81,786	1 3/4	71,507	1 3/4	61,259
2	2	153,231	2	143,248	2	132,968	2	122,689	2	112,410	2	102,131	2	91,851	2	81,572	2	71,293	2	60,980
2 1/4	2 1/4	153,106	2 1/4	143,034	2 1/4	132,754	2 1/4	122,475	2 1/4	112,196	2 1/4	101,916	2 1/4	91,637	2 1/4	81,358	2 1/4	71,079	2 1/4	60,799
2 1/2	2 1/2	152,981	2 1/2	142,819	2 1/2	132,540	2 1/2	122,281	2 1/2	111,982	2 1/2	101,702	2 1/2	91,423	2 1/2	81,144	2 1/2	70,864	2 1/2	60,619
2 3/4	2 3/4	152,793	2 3/4	142,605	2 3/4	132,326	2 3/4	122,047	2 3/4	111,767	2 3/4	101,488	2 3/4	91,209	2 3/4	80,930	2 3/4	70,650	2 3/4	60,438
3	3	152,604	3	142,391	3	132,112	3	121,833	3	111,553	3	101,274	3	90,995	3	80,715	3	70,436	3	60,259
3 1/4	3 1/4	152,416	3 1/4	142,177	3 1/4	131,898	3 1/4	121,618	3 1/4	111,339	3 1/4	101,060	3 1/4	90,781	3 1/4	80,501	3 1/4	70,222	3 1/4	60,080
3 1/2	3 1/2	152,227	3 1/2	141,963	3 1/2	131,684	3 1/2	121,404	3 1/2	111,125	3 1/2	100,846	3 1/2	90,566	3 1/2	80,282	3 1/2	70,008	3 1/2	59,908
3 3/4	3 3/4	152,016	3 3/4	141,749	3 3/4	131,469	3 3/4	121,190	3 3/4	110,911	3 3/4	100,632	3 3/4	90,352	3 3/4	80,073	3 3/4	69,794	3 3/4	59,729
4	4	151,805	4	141,535	4	131,255	4	120,976	4	110,697	4	100,417	4	90,138	4	79,859	4	69,580	4	59,560
4 1/4	4 1/4	151,584	4 1/4	141,320	4 1/4	131,041	4 1/4	120,782	4 1/4	110,483	4 1/4	100,203	4 1/4	89,924	4 1/4	79,645	4 1/4	69,366	4 1/4	59,385
4 1/2	4 1/2	151,384	4 1/2	141,106	4 1/2	130,827	4 1/2	120,548	4 1/2	110,268	4 1/2	99,989	4 1/2	89,710	4 1/2	79,431	4 1/2	69,152	4 1/2	59,201
4 3/4	4 3/4	151,170	4 3/4	140,892	4 3/4	130,613	4 3/4	120,334	4 3/4	110,054	4 3/4	99,775	4 3/4	89,496	4 3/4	79,212	4 3/4	68,937	4 3/4	59,031
5	5	150,956	5	140,678	5	130,399	5	120,119	5	109,840	5	99,561	5	89,282	5	79,002	5	68,723	5	58,850
5 1/4	5 1/4	150,742	5 1/4	140,464	5 1/4	130,184	5 1/4	119,905	5 1/4	109,626	5 1/4	99,347	5 1/4	89,067	5 1/4	78,788	5 1/4	68,509	5 1/4	58,669
5 1/2	5 1/2	150,529	5 1/2	140,250	5 1/2	129,970	5 1/2	119,691	5 1/2	109,412	5 1/2	99,132	5 1/2	88,853	5 1/2	78,574	5 1/2	68,295	5 1/2	58,529
5 3/4	5 3/4	150,315	5 3/4	140,035	5 3/4	129,756	5 3/4	119,477	5 3/4	109,198	5 3/4	98,918	5 3/4	88,639	5 3/4	78,360	5 3/4	68,081	5 3/4	58,350
6	6	150,100	6	139,821	6	129,542	6	119,263	6	108,983	6	98,704	6	88,425	6	78,146	6	67,866	6	58,170
6 1/4	6 1/4	149,888	6 1/4	139,607	6 1/4	129,328	6 1/4	118,949	6 1/4	108,769	6 1/4	98,480	6 1/4	88,211	6 1/4	77,931	6 1/4	67,652	6 1/4	57,989
6 1/2	6 1/2	149,672	6 1/2	139,393	6 1/2	129,114	6 1/2	118,734	6 1/2	108,555	6 1/2	98,276	6 1/2	87,997	6 1/2	77,717	6 1/2	67,438	6 1/2	57,808
6 3/4	6 3/4	149,456	6 3/4	139,179	6 3/4	128,900	6 3/4	118,520	6 3/4	108,341	6 3/4	98,062	6 3/4	87,782	6 3/4	77,503	6 3/4	67,224	6 3/4	57,631
7	7	149,244	7	138,965	7	128,685	7	118,306	7	108,127	7	97,848	7	87,568	7	77,289	7	67,010	7	57,450
7 1/4	7 1/4	149,030	7 1/4	138,751	7 1/4	128,471	7 1/4	118,192	7 1/4	107,913	7 1/4	97,633	7 1/4	87,354	7 1/4	77,075	7 1/4	66,796	7 1/4	57,269
7 1/2	7 1/2	148,816	7 1/2	138,536	7 1/2	128,257	7 1/2	117,978	7 1/2	107,699	7 1/2	97,419	7 1/2	87,140	7 1/2	76,881	7 1/2	66,581	7 1/2	57,089
7 3/4	7 3/4	148,602	7 3/4	138,322	7 3/4	128,043	7 3/4	117,764	7 3/4	107,484	7 3/4	97,205	7 3/4	86,926	7 3/4	76,647	7 3/4	66,367	7 3/4	56,908
8	8	148,387	8	138,108	8	127,829	8	117,550	8	107,270	8	96,991	8	86,712	8	76,432	8	66,153	8	56,729
8 1/4	8 1/4	148,173	8 1/4	137,894	8 1/4	127,616	8 1/4	117,335	8 1/4	107,056	8 1/4	96,777	8 1/4	86,498	8 1/4	76,218	8 1/4	65,939	8 1/4	56,549
8 1/2	8 1/2	147,959	8 1/2	137,680	8 1/2	127,401	8 1/2	117,121	8 1/2	106,842	8 1/2	96,563	8 1/2	86,283	8 1/2	76,004	8 1/2	65,725	8 1/2	56,338
8 3/4	8 3/4	147,745	8 3/4	137,466	8 3/4	127,188	8 3/4	116,907	8 3/4	106,628	8 3/4	96,349	8 3/4	86,069	8 3/4	75,790	8 3/4	65,511	8 3/4	56,150
9	9	147,531	9	137,251	9	126,972	9	116,693	9	106,414	9	96,134	9	85,855	9	75,576	9	65,297	9	55,969
9 1/4	9 1/4	147,317	9 1/4	137,037	9 1/4	126,758	9 1/4	116,479	9 1/4	106,199	9 1/4	95,920	9 1/4	85,641	9 1/4	75,362	9 1/4	65,082	9 1/4	55,799
9 1/2	9 1/2	147,102	9 1/2	136,823	9 1/2	126,544	9 1/2	116,265	9 1/2	105,985	9 1/2	95,706	9 1/2	85,427	9 1/2	75,148	9 1/2	64,898	9 1/2	55,619
9 3/4	9 3/4	146,888	9 3/4	136,609	9 3/4	126,330	9 3/4	116,050	9 3/4	105,771	9 3/4	95,492	9 3/4	85,213	9 3/4	74,933	9 3/4	64,654	9 3/4	55,430
10	10	146,674	10	136,395	10	126,116	10	115,836	10	105,557	10	95,278	10	84,998	10	74,719	10	64,440	10	55,251
10 1/4	10 1/4	146,460	10 1/4	136,181	10 1/4	125,901	10 1/4	115,622	10 1/4	105,343	10 1/4	95,084	10 1/4	84,784	10 1/4	74,505	10 1/4	64,228	10 1/4	55,072
10 1/2	10 1/2	146,246	10 1/2	135,967	10 1/2	125,687	10 1/2	115,408	10 1/2	105,129	10 1/2	94,849	10 1/2	84,570	10 1/2	74,291	10 1/2	64,012	10 1/2	54,893
10 3/4	10 3/4	146,032	10 3/4	135,752	10 3/4	125,473	10 3/4	115,194	10 3/4	104,915	10 3/4	94,635	10 3/4	84,356	10 3/4	74,077	10 3/4	63,797	10 3/4	54,714
11	11	145,818	11	135,538	11	125,259	11	114,980	11	104,700	11	94,421	11	84,142	11	73,863	11	63,533	11	54,535
11 1/4	11 1/4	145,603	11 1/4	135,324	11 1/4	125,045	11 1/4	114,766	11 1/4	104,488	11 1/4	94,207	11 1/4	83,928	11 1/4	73,648	11 1/4	63,369	11 1/4	54,356
11 1/2	11 1/2	145,389	11 1/2	135,110	11 1/2	124,831	11 1/2	114,551	11 1/2	104,272	11 1/2	93,993	11 1/2	83,714	11 1/2	73,434	11 1/2	63,186	11 1/2	54,177
11 3/4	11 3/4	145,175	11 3/4	134,896	11 3/4	124,617	11 3/4	114,337	11 3/4	104,058	11 3/4	93,779	11 3/4	83,499	11 3/4	73,220	11 3/4	62,941	11 3/4	54,000

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 27.
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.
P.O. Box 2082
Pearland, Texas 77666
<http://www.pmacorp.net>



BARGE "IB 1305"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 18'-02 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	62,727	0	52,447	0	42,168	0	31,920	0	21,663	0	11,584	0	1,328	0					
1/4	62,513	1/4	52,233	1/4	41,954	1/4	31,712	1/4	21,649	1/4	11,370	1/4	1,123	1/4					
1/2	62,298	1/2	52,019	1/2	41,740	1/2	31,504	1/2	21,435	1/2	11,156	1/2	918	1/2					
3/4	62,084	3/4	51,805	3/4	41,526	3/4	31,298	3/4	21,220	3/4	10,942	3/4	711	3/4					
1	61,870	1	51,591	1	41,312	1	31,089	1	21,008	1	10,727	1	624	1					
1 1/4	61,656	1 1/4	51,377	1 1/4	41,097	1 1/4	30,881	1 1/4	20,792	1 1/4	10,513	1 1/4	477	1 1/4					
1 1/2	61,442	1 1/2	51,163	1 1/2	40,883	1 1/2	30,673	1 1/2	20,578	1 1/2	10,299	1 1/2	330	1 1/2					
1 3/4	61,228	1 3/4	50,948	1 3/4	40,669	1 3/4	30,465	1 3/4	20,364	1 3/4	10,085	1 3/4	266	1 3/4					
2	61,014	2	50,734	2	40,455	2	30,257	2	20,150	2	9,871	2	202	2					
2 1/4	60,799	2 1/4	50,520	2 1/4	40,241	2 1/4	30,049	2 1/4	19,936	2 1/4	9,657	2 1/4	138	2 1/4					
2 1/2	60,585	2 1/2	50,306	2 1/2	40,027	2 1/2	29,841	2 1/2	19,721	2 1/2	9,443	2 1/2	74	2 1/2					
2 3/4	60,371	2 3/4	50,092	2 3/4	39,813	2 3/4	29,634	2 3/4	19,507	2 3/4	9,228	2 3/4		2 3/4					
3	60,157	3	49,878	3	39,598	3	29,426	3	19,293	3	9,014	3		3					
3 1/4	59,943	3 1/4	49,663	3 1/4	39,384	3 1/4	29,218	3 1/4	19,079	3 1/4	8,800	3 1/4		3 1/4					
3 1/2	59,729	3 1/2	49,449	3 1/2	39,170	3 1/2	29,010	3 1/2	18,865	3 1/2	8,586	3 1/2		3 1/2					
3 3/4	59,514	3 3/4	49,235	3 3/4	38,956	3 3/4	28,802	3 3/4	18,651	3 3/4	8,372	3 3/4		3 3/4					
4	59,300	4	49,021	4	38,742	4	28,584	4	18,437	4	8,158	4		4					
4 1/4	59,086	4 1/4	48,807	4 1/4	38,528	4 1/4	28,366	4 1/4	18,222	4 1/4	7,944	4 1/4		4 1/4					
4 1/2	58,872	4 1/2	48,593	4 1/2	38,313	4 1/2	28,178	4 1/2	18,008	4 1/2	7,729	4 1/2		4 1/2					
4 3/4	58,658	4 3/4	48,379	4 3/4	38,099	4 3/4	27,971	4 3/4	17,794	4 3/4	7,515	4 3/4		4 3/4					
5	58,444	5	48,164	5	37,885	5	27,763	5	17,580	5	7,301	5		5					
5 1/4	58,230	5 1/4	47,950	5 1/4	37,671	5 1/4	27,555	5 1/4	17,366	5 1/4	7,087	5 1/4		5 1/4					
5 1/2	58,016	5 1/2	47,736	5 1/2	37,457	5 1/2	27,347	5 1/2	17,152	5 1/2	6,873	5 1/2		5 1/2					
5 3/4	57,801	5 3/4	47,522	5 3/4	37,243	5 3/4	27,139	5 3/4	16,938	5 3/4	6,659	5 3/4		5 3/4					
6	57,587	6	47,308	6	37,029	6	26,931	6	16,723	6	6,445	6		6					
6 1/4	57,373	6 1/4	47,094	6 1/4	36,814	6 1/4	26,723	6 1/4	16,509	6 1/4	6,230	6 1/4		6 1/4					
6 1/2	57,159	6 1/2	46,880	6 1/2	36,600	6 1/2	26,516	6 1/2	16,295	6 1/2	6,016	6 1/2		6 1/2					
6 3/4	56,945	6 3/4	46,666	6 3/4	36,386	6 3/4	26,308	6 3/4	16,081	6 3/4	5,802	6 3/4		6 3/4					
7	56,730	7	46,451	7	36,172	7	26,100	7	15,867	7	5,588	7		7					
7 1/4	56,516	7 1/4	46,237	7 1/4	35,958	7 1/4	25,893	7 1/4	15,653	7 1/4	5,374	7 1/4		7 1/4					
7 1/2	56,302	7 1/2	46,023	7 1/2	35,744	7 1/2	25,685	7 1/2	15,439	7 1/2	5,160	7 1/2		7 1/2					
7 3/4	56,088	7 3/4	45,809	7 3/4	35,529	7 3/4	25,477	7 3/4	15,224	7 3/4	4,946	7 3/4		7 3/4					
8	55,874	8	45,595	8	35,315	8	25,270	8	15,010	8	4,731	8		8					
8 1/4	55,660	8 1/4	45,380	8 1/4	35,101	8 1/4	25,062	8 1/4	14,796	8 1/4	4,517	8 1/4		8 1/4					
8 1/2	55,446	8 1/2	45,166	8 1/2	34,887	8 1/2	24,854	8 1/2	14,582	8 1/2	4,303	8 1/2		8 1/2					
8 3/4	55,231	8 3/4	44,952	8 3/4	34,673	8 3/4	24,642	8 3/4	14,368	8 3/4	4,089	8 3/4		8 3/4					
9	55,017	9	44,738	9	34,459	9	24,429	9	14,154	9	3,875	9		9					
9 1/4	54,803	9 1/4	44,524	9 1/4	34,245	9 1/4	24,217	9 1/4	13,940	9 1/4	3,661	9 1/4		9 1/4					
9 1/2	54,589	9 1/2	44,310	9 1/2	34,030	9 1/2	24,004	9 1/2	13,725	9 1/2	3,447	9 1/2		9 1/2					
9 3/4	54,375	9 3/4	44,096	9 3/4	33,816	9 3/4	23,790	9 3/4	13,511	9 3/4	3,233	9 3/4		9 3/4					
10	54,161	10	43,881	10	33,602	10	23,576	10	13,297	10	3,019	10		10					
10 1/4	53,947	10 1/4	43,667	10 1/4	33,388	10 1/4	23,362	10 1/4	13,083	10 1/4	2,805	10 1/4		10 1/4					
10 1/2	53,732	10 1/2	43,453	10 1/2	33,174	10 1/2	23,148	10 1/2	12,869	10 1/2	2,591	10 1/2		10 1/2					
10 3/4	53,518	10 3/4	43,239	10 3/4	32,964	10 3/4	22,934	10 3/4	12,655	10 3/4	2,377	10 3/4		10 3/4					
11	53,304	11	43,025	11	32,765	11	22,719	11	12,441	11	2,164	11		11					
11 1/4	53,090	11 1/4	42,811	11 1/4	32,545	11 1/4	22,505	11 1/4	12,226	11 1/4	1,951	11 1/4		11 1/4					
11 1/2	52,876	11 1/2	42,596	11 1/2	32,336	11 1/2	22,291	11 1/2	12,012	11 1/2	1,738	11 1/2		11 1/2					
11 3/4	52,662	11 3/4	42,382	11 3/4	32,128	11 3/4	22,077	11 3/4	11,798	11 3/4	1,533	11 3/4		11 3/4					

STRAPPED: 08/28/2018 CL
CALCULATED: 08/28/2018 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.
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Pearland, Texas 77668
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BARGE "IB 1305"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

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	154,777	0	145,546	0	135,210	0	124,874	0	114,538	0	104,203	0	93,867	0	83,531	0	73,195	0
1/4	1/4	154,719	1/4	145,331	1/4	134,995	1/4	124,659	1/4	114,323	1/4	103,987	1/4	93,651	1/4	83,315	1/4	72,980	1/4
1/2	1/2	154,660	1/2	145,115	1/2	134,779	1/2	124,444	1/2	114,108	1/2	103,772	1/2	93,436	1/2	83,100	1/2	72,764	1/2
3/4	3/4	154,602	3/4	144,960	3/4	134,564	3/4	124,228	3/4	113,892	3/4	103,557	3/4	93,221	3/4	82,885	3/4	72,549	3/4
1	1	154,544	1	144,885	1	134,349	1	124,013	1	113,677	1	103,341	1	93,005	1	82,669	1	72,334	1
1 1/4	1 1/4	154,418	1 1/4	144,469	1 1/4	134,133	1 1/4	123,798	1 1/4	113,462	1 1/4	103,126	1 1/4	92,790	1 1/4	82,454	1 1/4	72,118	1 1/4
1 1/2	1 1/2	154,293	1 1/2	144,254	1 1/2	133,818	1 1/2	123,582	1 1/2	113,246	1 1/2	102,911	1 1/2	92,575	1 1/2	82,239	1 1/2	71,903	1 1/2
1 3/4	1 3/4	154,167	1 3/4	144,030	1 3/4	133,703	1 3/4	123,367	1 3/4	113,031	1 3/4	102,695	1 3/4	92,359	1 3/4	82,023	1 3/4	71,688	1 3/4
2	2	154,041	2	143,823	2	133,487	2	123,152	2	112,816	2	102,480	2	92,144	2	81,808	2	71,472	2
2 1/4	2 1/4	153,852	2 1/4	143,608	2 1/4	133,272	2 1/4	122,936	2 1/4	112,600	2 1/4	102,265	2 1/4	91,929	2 1/4	81,593	2 1/4	71,257	2 1/4
2 1/2	2 1/2	153,682	2 1/2	143,393	2 1/2	133,057	2 1/2	122,721	2 1/2	112,385	2 1/2	102,049	2 1/2	91,713	2 1/2	81,377	2 1/2	71,042	2 1/2
2 3/4	2 3/4	153,472	2 3/4	143,177	2 3/4	132,841	2 3/4	122,506	2 3/4	112,170	2 3/4	101,834	2 3/4	91,498	2 3/4	81,162	2 3/4	70,826	2 3/4
3	3	153,283	3	142,982	3	132,628	3	122,280	3	111,954	3	101,819	3	91,283	3	80,947	3	70,611	3
3 1/4	3 1/4	153,071	3 1/4	142,747	3 1/4	132,411	3 1/4	122,075	3 1/4	111,739	3 1/4	101,403	3 1/4	91,067	3 1/4	80,731	3 1/4	70,396	3 1/4
3 1/2	3 1/2	152,868	3 1/2	142,531	3 1/2	132,195	3 1/2	121,860	3 1/2	111,524	3 1/2	101,188	3 1/2	90,852	3 1/2	80,516	3 1/2	70,160	3 1/2
3 3/4	3 3/4	152,647	3 3/4	142,316	3 3/4	131,980	3 3/4	121,644	3 3/4	111,308	3 3/4	100,973	3 3/4	90,637	3 3/4	80,301	3 3/4	69,965	3 3/4
4	4	152,435	4	142,101	4	131,765	4	121,429	4	111,093	4	100,767	4	90,421	4	80,085	4	69,750	4
4 1/4	4 1/4	152,220	4 1/4	141,885	4 1/4	131,549	4 1/4	121,214	4 1/4	110,878	4 1/4	100,542	4 1/4	90,206	4 1/4	79,870	4 1/4	69,534	4 1/4
4 1/2	4 1/2	152,005	4 1/2	141,670	4 1/2	131,334	4 1/2	120,998	4 1/2	110,662	4 1/2	100,327	4 1/2	89,991	4 1/2	79,655	4 1/2	69,319	4 1/2
4 3/4	4 3/4	151,790	4 3/4	141,455	4 3/4	131,119	4 3/4	120,783	4 3/4	110,447	4 3/4	100,111	4 3/4	89,775	4 3/4	79,439	4 3/4	69,104	4 3/4
5	5	151,575	5	141,239	5	130,904	5	120,568	5	110,232	5	99,896	5	89,560	5	79,224	5	68,888	5
5 1/4	5 1/4	151,360	5 1/4	141,024	5 1/4	130,688	5 1/4	120,352	5 1/4	110,016	5 1/4	99,681	5 1/4	89,345	5 1/4	79,009	5 1/4	68,673	5 1/4
5 1/2	5 1/2	151,144	5 1/2	140,809	5 1/2	130,473	5 1/2	120,137	5 1/2	109,801	5 1/2	99,465	5 1/2	89,129	5 1/2	78,793	5 1/2	68,458	5 1/2
5 3/4	5 3/4	150,928	5 3/4	140,593	5 3/4	130,258	5 3/4	119,922	5 3/4	109,585	5 3/4	99,250	5 3/4	88,914	5 3/4	78,578	5 3/4	68,242	5 3/4
6	6	150,714	6	140,378	6	130,042	6	119,706	6	109,370	6	98,935	6	88,699	6	78,363	6	68,027	6
6 1/4	6 1/4	150,499	6 1/4	140,163	6 1/4	129,827	6 1/4	119,491	6 1/4	109,155	6 1/4	98,719	6 1/4	88,483	6 1/4	78,148	6 1/4	67,812	6 1/4
6 1/2	6 1/2	150,283	6 1/2	139,947	6 1/2	129,612	6 1/2	119,275	6 1/2	108,940	6 1/2	98,504	6 1/2	88,268	6 1/2	77,932	6 1/2	67,596	6 1/2
6 3/4	6 3/4	150,068	6 3/4	139,732	6 3/4	129,396	6 3/4	119,060	6 3/4	108,724	6 3/4	98,309	6 3/4	88,053	6 3/4	77,717	6 3/4	67,381	6 3/4
7	7	149,853	7	139,517	7	129,181	7	118,845	7	108,509	7	98,173	7	87,837	7	77,502	7	67,166	7
7 1/4	7 1/4	149,637	7 1/4	139,301	7 1/4	128,966	7 1/4	118,630	7 1/4	108,294	7 1/4	97,958	7 1/4	87,622	7 1/4	77,286	7 1/4	66,950	7 1/4
7 1/2	7 1/2	149,422	7 1/2	139,086	7 1/2	128,750	7 1/2	118,414	7 1/2	108,078	7 1/2	97,743	7 1/2	87,407	7 1/2	77,071	7 1/2	66,735	7 1/2
7 3/4	7 3/4	149,207	7 3/4	138,871	7 3/4	128,535	7 3/4	118,199	7 3/4	107,863	7 3/4	97,527	7 3/4	87,191	7 3/4	76,856	7 3/4	66,520	7 3/4
8	8	148,991	8	138,655	8	128,320	8	117,984	8	107,648	8	97,312	8	86,976	8	76,640	8	66,304	8
8 1/4	8 1/4	148,778	8 1/4	138,440	8 1/4	128,104	8 1/4	117,768	8 1/4	107,432	8 1/4	97,097	8 1/4	86,761	8 1/4	76,425	8 1/4	66,089	8 1/4
8 1/2	8 1/2	148,561	8 1/2	138,225	8 1/2	127,889	8 1/2	117,553	8 1/2	107,217	8 1/2	96,881	8 1/2	86,545	8 1/2	76,210	8 1/2	65,874	8 1/2
8 3/4	8 3/4	148,345	8 3/4	138,009	8 3/4	127,674	8 3/4	117,338	8 3/4	107,002	8 3/4	96,666	8 3/4	86,330	8 3/4	75,994	8 3/4	65,658	8 3/4
9	9	148,130	9	137,794	9	127,458	9	117,122	9	106,786	9	96,451	9	86,115	9	75,779	9	65,443	9
9 1/4	9 1/4	147,915	9 1/4	137,579	9 1/4	127,243	9 1/4	116,907	9 1/4	106,571	9 1/4	96,235	9 1/4	85,899	9 1/4	75,564	9 1/4	65,228	9 1/4
9 1/2	9 1/2	147,699	9 1/2	137,363	9 1/2	127,028	9 1/2	116,692	9 1/2	106,356	9 1/2	96,020	9 1/2	85,684	9 1/2	75,348	9 1/2	65,012	9 1/2
9 3/4	9 3/4	147,484	9 3/4	137,148	9 3/4	126,812	9 3/4	116,476	9 3/4	106,140	9 3/4	95,805	9 3/4	85,469	9 3/4	75,133	9 3/4	64,797	9 3/4
10	10	147,269	10	136,933	10	126,597	10	116,261	10	105,925	10	95,590	10	85,253	10	74,918	10	64,582	10
10 1/4	10 1/4	147,053	10 1/4	136,717	10 1/4	126,382	10 1/4	116,046	10 1/4	105,710	10 1/4	95,374	10 1/4	85,038	10 1/4	74,702	10 1/4	64,366	10 1/4
10 1/2	10 1/2	146,838	10 1/2	136,502	10 1/2	126,166	10 1/2	115,830	10 1/2	105,494	10 1/2	95,159	10 1/2	84,823	10 1/2	74,487	10 1/2	64,151	10 1/2
10 3/4	10 3/4	146,623	10 3/4	136,287	10 3/4	125,951	10 3/4	115,615	10 3/4	105,279	10 3/4	94,943	10 3/4	84,607	10 3/4	74,272	10 3/4	63,936	10 3/4
11	11	146,407	11	136,071	11	125,736	11	115,400	11	105,064	11	94,728	11	84,392	11	74,056	11	63,720	11
11 1/4	11 1/4	146,192	11 1/4	135,856	11 1/4	125,520	11 1/4	115,184	11 1/4	104,848	11 1/4	94,513	11 1/4	84,177	11 1/4	73,841	11 1/4	63,505	11 1/4
11 1/2	11 1/2	145,977	11 1/2	135,641	11 1/2	125,305	11 1/2	114,969	11 1/2	104,633	11 1/2	94,297	11 1/2	83,961	11 1/2	73,626	11 1/2	63,290	11 1/2
11 3/4	11 3/4	145,795	11 3/4	145,761	11 3/4	135,425	11 3/4	125,090	11 3/4	114,754	11 3/4	104,418	11 3/4	94,082	11 3/4	73,410	11 3/4	63,074	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 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

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BARGE "IB 1305"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

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	62,859	0	52,523	0	42,187	0	31,856	0	21,552	0	11,217	0	923	0	0	0	0	0	0
1/4	62,844	1/4	52,308	1/4	41,972	1/4	31,642	1/4	21,337	1/4	11,002	1/4	775	1/4		1/4		1/4	
1/2	62,420	1/2	52,083	1/2	41,757	1/2	31,427	1/2	21,122	1/2	10,786	1/2	627	1/2		1/2		1/2	
3/4	62,213	3/4	51,877	3/4	41,541	3/4	31,213	3/4	20,908	3/4	10,571	3/4	480	3/4		3/4		3/4	
1	61,998	1	51,662	1	41,326	1	30,999	1	20,691	1	10,356	1	332	1		1		1	
1 1/4	61,782	1 1/4	51,447	1 1/4	41,111	1 1/4	30,784	1 1/4	20,476	1 1/4	10,140	1 1/4	267	1 1/4		1 1/4		1 1/4	
1 1/2	61,567	1 1/2	51,231	1 1/2	40,895	1 1/2	30,570	1 1/2	20,260	1 1/2	9,925	1 1/2	203	1 1/2		1 1/2		1 1/2	
1 3/4	61,352	1 3/4	51,016	1 3/4	40,680	1 3/4	30,356	1 3/4	20,045	1 3/4	9,710	1 3/4	138	1 3/4		1 3/4		1 3/4	
2	61,136	2	50,801	2	40,465	2	30,141	2	19,830	2	9,494	2	74	2		2		2	
2 1/4	60,921	2 1/4	50,585	2 1/4	40,249	2 1/4	29,927	2 1/4	19,614	2 1/4	9,279	2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	60,706	2 1/2	50,370	2 1/2	40,034	2 1/2	29,712	2 1/2	19,399	2 1/2	9,064	2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	60,490	2 3/4	50,155	2 3/4	39,819	2 3/4	28,498	2 3/4	19,184	2 3/4	8,848	2 3/4		2 3/4		2 3/4		2 3/4	
3	60,275	3	49,939	3	39,603	3	29,284	3	18,968	3	8,633	3		3		3		3	
3 1/4	60,060	3 1/4	49,724	3 1/4	39,388	3 1/4	29,069	3 1/4	18,753	3 1/4	8,418	3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	59,844	3 1/2	49,509	3 1/2	39,173	3 1/2	28,855	3 1/2	18,538	3 1/2	8,202	3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	59,629	3 3/4	49,293	3 3/4	38,957	3 3/4	28,641	3 3/4	18,323	3 3/4	7,987	3 3/4		3 3/4		3 3/4		3 3/4	
4	59,414	4	49,078	4	38,742	4	28,426	4	18,107	4	7,772	4		4		4		4	
4 1/4	59,198	4 1/4	48,863	4 1/4	38,527	4 1/4	28,212	4 1/4	17,892	4 1/4	7,556	4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	58,983	4 1/2	48,647	4 1/2	38,311	4 1/2	27,998	4 1/2	17,677	4 1/2	7,341	4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	58,768	4 3/4	48,432	4 3/4	38,096	4 3/4	27,783	4 3/4	17,461	4 3/4	7,126	4 3/4		4 3/4		4 3/4		4 3/4	
5	58,552	5	48,217	5	37,881	5	27,569	5	17,246	5	6,910	5		5		5		5	
5 1/4	58,337	5 1/4	48,001	5 1/4	37,665	5 1/4	27,354	5 1/4	17,031	5 1/4	6,695	5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	58,122	5 1/2	47,786	5 1/2	37,450	5 1/2	27,140	5 1/2	16,815	5 1/2	6,480	5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	57,906	5 3/4	47,571	5 3/4	37,235	5 3/4	26,926	5 3/4	16,600	5 3/4	6,265	5 3/4		5 3/4		5 3/4		5 3/4	
6	57,691	6	47,355	6	37,019	6	26,711	6	16,385	6	6,049	6		6		6		6	
6 1/4	57,476	6 1/4	47,140	6 1/4	36,804	6 1/4	26,497	6 1/4	16,169	6 1/4	5,834	6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	57,260	6 1/2	46,925	6 1/2	36,589	6 1/2	26,283	6 1/2	15,954	6 1/2	5,619	6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	57,045	6 3/4	46,709	6 3/4	36,373	6 3/4	26,068	6 3/4	15,739	6 3/4	5,403	6 3/4		6 3/4		6 3/4		6 3/4	
7	56,830	7	46,494	7	36,158	7	25,854	7	15,523	7	5,188	7		7		7		7	
7 1/4	56,614	7 1/4	46,279	7 1/4	35,943	7 1/4	25,640	7 1/4	15,308	7 1/4	4,973	7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	56,399	7 1/2	46,063	7 1/2	35,727	7 1/2	25,425	7 1/2	15,093	7 1/2	4,757	7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	56,184	7 3/4	45,848	7 3/4	35,512	7 3/4	25,211	7 3/4	14,877	7 3/4	4,542	7 3/4		7 3/4		7 3/4		7 3/4	
8	55,968	8	45,633	8	35,297	8	24,997	8	14,662	8	4,327	8		8		8		8	
8 1/4	55,753	8 1/4	45,417	8 1/4	35,081	8 1/4	24,781	8 1/4	14,447	8 1/4	4,111	8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	55,538	8 1/2	45,202	8 1/2	34,866	8 1/2	24,566	8 1/2	14,231	8 1/2	3,896	8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	55,322	8 3/4	44,987	8 3/4	34,651	8 3/4	24,351	8 3/4	14,016	8 3/4	3,681	8 3/4		8 3/4		8 3/4		8 3/4	
9	55,107	9	44,771	9	34,435	9	24,136	9	13,801	9	3,465	9		9		9		9	
9 1/4	54,892	9 1/4	44,556	9 1/4	34,220	9 1/4	23,921	9 1/4	13,585	9 1/4	3,250	9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	54,676	9 1/2	44,341	9 1/2	34,005	9 1/2	23,706	9 1/2	13,370	9 1/2	3,035	9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	54,461	9 3/4	44,125	9 3/4	33,789	9 3/4	23,490	9 3/4	13,155	9 3/4	2,820	9 3/4		9 3/4		9 3/4		9 3/4	
10	54,246	10	43,910	10	33,574	10	23,275	10	12,939	10	2,605	10		10		10		10	
10 1/4	54,030	10 1/4	43,695	10 1/4	33,359	10 1/4	23,060	10 1/4	12,724	10 1/4	2,390	10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	53,815	10 1/2	43,479	10 1/2	33,144	10 1/2	22,844	10 1/2	12,509	10 1/2	2,176	10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	53,600	10 3/4	43,264	10 3/4	32,930	10 3/4	22,629	10 3/4	12,294	10 3/4	1,961	10 3/4		10 3/4		10 3/4		10 3/4	
11	53,384	11	43,049	11	32,715	11	22,414	11	12,078	11	1,747	11		11		11		11	
11 1/4	53,169	11 1/4	42,833	11 1/4	32,500	11 1/4	22,198	11 1/4	11,863	11 1/4	1,541	11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	52,954	11 1/2	42,618	11 1/2	32,285	11 1/2	21,983	11 1/2	11,648	11 1/2	1,335	11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	52,738	11 3/4	42,403	11 3/4	32,071	11 3/4	21,768	11 3/4	11,432	11 3/4	1,129	11 3/4		11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/28/2019 CL
CALCULATED: 08/28/2019 CL
PRINTED: 08/27/2019 SW

CANGES AND SUPERCEDES
ALL PRIOR TO 08/2019

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