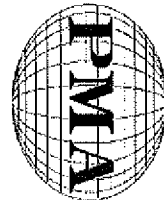


*Callons*



# BARGE "IB 1323"

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 1 CENTER IS 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

April 15, 2020

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



# BARGE "IB 1323"

1 CENTER  
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	170,568	0	160,959	0	150,755	0	140,570	0	130,376	0	119,507	0	107,594	0	95,675	0	83,757	0	71,838
1/4	1/4	170,500	1/4	160,747	1/4	150,552	1/4	140,358	1/4	130,163	1/4	119,153	1/4	107,259	1/4	95,346	1/4	83,432	1/4	71,514
1/2	1/2	170,433	1/2	160,535	1/2	150,340	1/2	140,145	1/2	130,000	1/2	119,091	1/2	107,097	1/2	95,179	1/2	83,260	1/2	71,395
3/4	3/4	170,288	3/4	160,322	3/4	150,128	3/4	140,000	3/4	130,000	3/4	119,000	3/4	107,000	3/4	95,000	3/4	83,000	3/4	71,000
1	1	170,143	1	160,110	1	149,915	1	139,720	1	129,525	1	119,330	1	109,135	1	98,940	1	88,745	1	78,550
1/4	1/4	169,998	1/4	159,897	1/4	149,703	1/4	139,508	1/4	129,314	1/4	119,119	1/4	108,924	1/4	98,729	1/4	88,534	1/4	78,339
1/2	1/2	169,853	1/2	159,685	1/2	149,490	1/2	139,295	1/2	129,101	1/2	118,906	1/2	108,711	1/2	98,516	1/2	88,321	1/2	78,126
3/4	3/4	169,647	3/4	159,473	3/4	149,278	3/4	139,084	3/4	128,889	3/4	118,694	3/4	108,500	3/4	98,305	3/4	88,110	3/4	77,915
2	2	169,442	2	159,260	2	149,066	2	138,871	2	128,676	2	118,481	2	108,286	2	98,091	2	87,896	2	77,720
1/4	1/4	169,226	1/4	159,048	1/4	148,853	1/4	138,658	1/4	128,463	1/4	118,268	1/4	108,073	1/4	97,878	1/4	87,683	1/4	77,485
1/2	1/2	169,030	1/2	158,835	1/2	148,641	1/2	138,446	1/2	128,251	1/2	118,056	1/2	107,861	1/2	97,666	1/2	87,471	1/2	77,290
3/4	3/4	168,817	3/4	158,623	3/4	148,429	3/4	138,234	3/4	128,039	3/4	117,844	3/4	107,649	3/4	97,454	3/4	87,275	3/4	77,105
3	3	168,604	3	158,411	3	148,216	3	138,022	3	127,827	3	117,632	3	107,437	3	97,252	3	87,080	3	76,930
1/4	1/4	168,391	1/4	158,198	1/4	148,004	1/4	137,809	1/4	127,615	1/4	117,420	1/4	107,225	1/4	97,030	1/4	86,835	1/4	76,735
1/2	1/2	168,178	1/2	157,986	1/2	147,791	1/2	137,597	1/2	127,402	1/2	117,207	1/2	107,012	1/2	96,817	1/2	86,640	1/2	76,540
3/4	3/4	167,966	3/4	157,774	3/4	147,579	3/4	137,384	3/4	127,190	3/4	117,000	3/4	106,805	3/4	96,610	3/4	86,415	3/4	76,345
4	4	167,754	4	157,561	4	147,367	4	137,172	4	126,977	4	116,782	4	106,587	4	96,392	4	86,220	4	76,150
1/4	1/4	167,543	1/4	157,349	1/4	147,154	1/4	136,960	1/4	126,765	1/4	116,570	1/4	106,375	1/4	96,180	1/4	86,025	1/4	75,995
1/2	1/2	167,331	1/2	157,136	1/2	146,942	1/2	136,747	1/2	126,553	1/2	116,358	1/2	106,163	1/2	95,968	1/2	85,773	1/2	75,800
3/4	3/4	167,118	3/4	156,924	3/4	146,729	3/4	136,534	3/4	126,339	3/4	116,144	3/4	105,949	3/4	95,754	3/4	85,559	3/4	75,605
5	5	166,906	5	156,712	5	146,517	5	136,322	5	126,128	5	115,933	5	105,738	5	95,543	5	85,348	5	75,410
1/4	1/4	166,694	1/4	156,499	1/4	146,305	1/4	136,110	1/4	125,916	1/4	115,721	1/4	105,526	1/4	95,331	1/4	85,136	1/4	75,215
1/2	1/2	166,481	1/2	156,287	1/2	146,092	1/2	135,898	1/2	125,703	1/2	115,508	1/2	105,313	1/2	95,118	1/2	84,923	1/2	75,010
3/4	3/4	166,267	3/4	156,074	3/4	145,880	3/4	135,685	3/4	125,491	3/4	115,296	3/4	105,101	3/4	94,906	3/4	84,711	3/4	74,805
6	6	166,055	6	155,862	6	145,667	6	135,472	6	125,277	6	115,082	6	104,887	6	94,692	6	84,500	6	74,615
1/4	1/4	165,844	1/4	155,650	1/4	145,455	1/4	135,261	1/4	125,066	1/4	114,871	1/4	104,676	1/4	94,481	1/4	84,286	1/4	74,420
1/2	1/2	165,632	1/2	155,437	1/2	145,243	1/2	135,048	1/2	124,854	1/2	114,659	1/2	104,464	1/2	94,269	1/2	84,074	1/2	74,225
3/4	3/4	165,419	3/4	155,225	3/4	145,030	3/4	134,836	3/4	124,638	3/4	114,443	3/4	104,248	3/4	94,053	3/4	83,858	3/4	74,030
7	7	165,207	7	155,012	7	144,818	7	134,623	7	124,403	7	114,208	7	104,013	7	93,818	7	83,623	7	73,835
1/4	1/4	164,995	1/4	154,800	1/4	144,606	1/4	134,411	1/4	124,177	1/4	113,982	1/4	103,787	1/4	93,592	1/4	83,397	1/4	73,640
1/2	1/2	164,782	1/2	154,588	1/2	144,393	1/2	134,199	1/2	123,992	1/2	113,797	1/2	103,592	1/2	93,397	1/2	83,192	1/2	73,435
3/4	3/4	164,570	3/4	154,375	3/4	144,181	3/4	133,986	3/4	123,799	3/4	113,601	3/4	103,406	3/4	93,211	3/4	82,996	3/4	73,230
8	8	164,357	8	154,163	8	143,968	8	133,774	8	123,485	8	113,290	8	103,095	8	92,900	8	82,705	8	72,935
1/4	1/4	164,145	1/4	153,951	1/4	143,756	1/4	133,561	1/4	123,222	1/4	113,027	1/4	102,832	1/4	92,637	1/4	82,442	1/4	72,740
1/2	1/2	163,933	1/2	153,738	1/2	143,544	1/2	133,349	1/2	122,978	1/2	112,783	1/2	102,588	1/2	92,393	1/2	82,198	1/2	72,545
3/4	3/4	163,720	3/4	153,526	3/4	143,331	3/4	133,137	3/4	122,730	3/4	112,534	3/4	102,340	3/4	92,145	3/4	81,950	3/4	72,350
9	9	163,508	9	153,313	9	143,119	9	132,924	9	122,482	9	112,287	9	102,092	9	91,897	9	81,702	9	72,155
1/4	1/4	163,296	1/4	153,101	1/4	142,906	1/4	132,712	1/4	122,235	1/4	112,040	1/4	101,845	1/4	91,650	1/4	81,455	1/4	71,908
1/2	1/2	163,083	1/2	152,889	1/2	142,694	1/2	132,500	1/2	121,987	1/2	111,792	1/2	101,597	1/2	91,402	1/2	81,207	1/2	71,760
3/4	3/4	162,871	3/4	152,676	3/4	142,482	3/4	132,287	3/4	121,739	3/4	111,543	3/4	101,348	3/4	91,153	3/4	80,958	3/4	71,565
10	10	162,658	10	152,464	10	142,289	10	132,075	10	121,491	10	111,297	10	101,103	10	90,908	10	80,714	10	71,370
1/4	1/4	162,446	1/4	152,251	1/4	142,057	1/4	131,862	1/4	121,243	1/4	111,032	1/4	100,837	1/4	90,642	1/4	80,447	1/4	71,025
1/2	1/2	162,234	1/2	152,039	1/2	141,845	1/2	131,650	1/2	120,995	1/2	110,799	1/2	100,604	1/2	90,409	1/2	80,250	1/2	70,830
3/4	3/4	162,021	3/4	151,827	3/4	141,632	3/4	131,438	3/4	120,747	3/4	110,553	3/4	100,358	3/4	90,163	3/4	80,055	3/4	70,635
11	11	161,809	11	151,614	11	141,420	11	131,225	11	120,499	11	110,304	11	100,109	11	89,914	11	79,719	11	70,290
1/4	1/4	161,596	1/4	151,402	1/4	141,207	1/4	131,013	1/4	120,251	1/4	110,056	1/4	99,861	1/4	89,666	1/4	79,471	1/4	70,040
1/2	1/2	161,384	1/2	151,190	1/2	140,995	1/2	130,800	1/2	120,003	1/2	109,808	1/2	99,613	1/2	89,418	1/2	79,275	1/2	70,235
3/4	3/4	161,172	3/4	150,977	3/4	140,783	3/4	130,588	3/4	119,755	3/4	109,560	3/4	99,365	3/4	89,170	3/4	79,080	3/4	70,000

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPMO 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 LOCATED TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pasland, Texas 77588

http://www.pmacorp.net



# BARGE "IB 1323"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

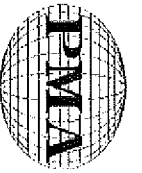
GAUGE HEIGHT 16'-01 1/2"

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	71,880	0	59,967	0	48,053	0	36,215	0	24,544	0	12,611	0	870	0		0			
1/4	71,632	1/4	59,718	1/4	47,805	1/4	35,975	1/4	24,296	1/4	12,363	1/4	700	1/4					
1/2	71,384	1/2	59,470	1/2	47,556	1/2	35,736	1/2	24,048	1/2	12,114	1/2	529	1/2					
3/4	71,136	3/4	59,222	3/4	47,308	3/4	35,496	3/4	23,799	3/4	11,865	3/4	454	3/4					
1	70,888	1	58,974	1	47,060	1	35,256	1	23,551	1	11,616	1	380	1					
1/4	70,639	1/4	58,726	1/4	46,812	1/4	35,017	1/4	23,302	1/4	11,367	1/4	305	1/4					
1/2	70,391	1/2	58,477	1/2	46,564	1/2	34,777	1/2	23,054	1/2	11,118	1/2	231	1/2					
3/4	70,143	3/4	58,229	3/4	46,315	3/4	34,537	3/4	22,806	3/4	10,869	3/4		3/4					
1	69,895	1	57,981	1	46,067	1	34,297	1	22,557	1	10,621	1	2	1					
1/4	69,647	1/4	57,733	1/4	45,819	1/4	34,058	1/4	22,309	1/4	10,372	1/4		2					
1/2	69,398	1/2	57,485	1/2	45,571	1/2	33,818	1/2	22,061	1/2	10,123	1/2		2					
3/4	69,150	3/4	57,236	3/4	45,323	3/4	33,578	3/4	21,812	3/4	9,874	3/4		2					
1	68,902	1	56,988	1	45,074	1	33,338	1	21,564	1	9,625	1		2					
1/4	68,654	1/4	56,740	1/4	44,826	1/4	33,099	1/4	21,316	1/4	9,376	1/4		2					
1/2	68,406	1/2	56,492	1/2	44,578	1/2	32,859	1/2	21,067	1/2	9,127	1/2		2					
3/4	68,157	3/4	56,244	3/4	44,330	3/4	32,619	3/4	20,819	3/4	8,879	3/4		2					
1	67,909	1	55,995	1	44,082	1	32,379	1	20,571	1	8,630	1		2					
1/4	67,661	1/4	55,747	1/4	43,833	1/4	32,140	1/4	20,322	1/4	8,381	1/4		2					
1/2	67,413	1/2	55,499	1/2	43,585	1/2	31,900	1/2	20,074	1/2	8,132	1/2		2					
3/4	67,165	3/4	55,251	3/4	43,337	3/4	31,660	3/4	19,825	3/4	7,883	3/4		2					
1	66,916	1	55,003	1	43,089	1	31,421	1	19,577	1	7,634	1		2					
1/4	66,668	1/4	54,754	1/4	42,840	1/4	31,181	1/4	19,329	1/4	7,385	1/4		2					
1/2	66,420	1/2	54,506	1/2	42,592	1/2	30,941	1/2	19,080	1/2	7,137	1/2		2					
3/4	66,172	3/4	54,258	3/4	42,344	3/4	30,700	3/4	18,832	3/4	6,888	3/4		2					
1	65,924	1	54,010	1	42,096	1	30,458	1	18,583	1	6,639	1		2					
1/4	65,675	1/4	53,761	1/4	41,848	1/4	30,217	1/4	18,334	1/4	6,390	1/4		2					
1/2	65,427	1/2	53,513	1/2	41,599	1/2	29,976	1/2	18,085	1/2	6,141	1/2		2					
3/4	65,179	3/4	53,265	3/4	41,351	3/4	29,734	3/4	17,837	3/4	5,892	3/4		2					
1	64,931	1	53,017	1	41,103	1	29,492	1	17,588	1	5,643	1		2					
1/4	64,682	1/4	52,769	1/4	40,855	1/4	29,250	1/4	17,339	1/4	5,395	1/4		2					
1/2	64,434	1/2	52,521	1/2	40,607	1/2	29,008	1/2	17,090	1/2	5,146	1/2		2					
3/4	64,186	3/4	52,272	3/4	40,358	3/4	28,761	3/4	16,841	3/4	4,897	3/4		2					
1	63,938	1	52,024	1	40,110	1	28,515	1	16,592	1	4,648	1		2					
1/4	63,690	1/4	51,776	1/4	39,862	1/4	28,268	1/4	16,344	1/4	4,399	1/4		2					
1/2	63,441	1/2	51,528	1/2	39,614	1/2	28,021	1/2	16,095	1/2	4,150	1/2		2					
3/4	63,193	3/4	51,279	3/4	39,366	3/4	27,773	3/4	15,846	3/4	3,902	3/4		2					
1	62,945	1	51,031	1	39,117	1	27,525	1	15,597	1	3,653	1		2					
1/4	62,697	1/4	50,783	1/4	38,869	1/4	27,276	1/4	15,348	1/4	3,404	1/4		2					
1/2	62,449	1/2	50,535	1/2	38,621	1/2	27,028	1/2	15,100	1/2	3,156	1/2		2					
3/4	62,200	3/4	50,287	3/4	38,379	3/4	26,779	3/4	14,851	3/4	2,908	3/4		2					
1	61,952	1	50,038	1	38,137	1	26,531	1	14,602	1	2,660	1		2					
1/4	61,704	1/4	49,790	1/4	37,895	1/4	26,283	1/4	14,353	1/4	2,412	1/4		2					
1/2	61,456	1/2	49,542	1/2	37,654	1/2	26,034	1/2	14,104	1/2	2,164	1/2		2					
3/4	61,208	3/4	49,294	3/4	37,414	3/4	25,786	3/4	13,856	3/4	1,926	3/4		2					
1	60,959	1	49,046	1	37,174	1	25,538	1	13,607	1	1,688	1		2					
1/4	60,711	1/4	48,797	1/4	36,934	1/4	25,289	1/4	13,358	1/4	1,450	1/4		2					
1/2	60,463	1/2	48,549	1/2	36,695	1/2	25,041	1/2	13,109	1/2	1,212	1/2		2					
3/4	60,215	3/4	48,301	3/4	36,455	3/4	24,793	3/4	12,860	3/4	1,041	3/4		2					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS  
 CALCULATED: 04/14/2020 CL  
 PRINTED: 04/15/2020 SW  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 04/2020

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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 http://www.pmaticorp.net



# BARGE "IB 1323"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	153,776	0	144,592	0	134,308	0	124,025	0	113,741	0	103,458	0	93,174	0	82,891	0	72,607	0
1/4	1/4	153,718	1/4	144,378	1/4	134,094	1/4	123,811	1/4	113,527	1/4	103,244	1/4	92,960	1/4	82,677	1/4	72,393	1/4
1/2	1/2	153,660	1/2	144,163	1/2	133,880	1/2	123,596	1/2	113,313	1/2	103,029	1/2	92,746	1/2	82,462	1/2	72,179	1/2
3/4	3/4	153,602	3/4	143,949	3/4	133,666	3/4	123,382	3/4	113,098	3/4	102,815	3/4	92,532	3/4	82,248	3/4	71,965	3/4
1	1	153,544	1	143,735	1	133,451	1	123,168	1	112,884	1	102,601	1	92,317	1	81,964	1	71,750	1
1/4	1/4	153,419	1/4	143,521	1/4	133,237	1/4	122,954	1/4	112,670	1/4	102,387	1/4	92,103	1/4	81,820	1/4	71,536	1/4
1/2	1/2	153,294	1/2	143,306	1/2	133,023	1/2	122,739	1/2	112,456	1/2	102,172	1/2	91,889	1/2	81,696	1/2	71,322	1/2
3/4	3/4	153,169	3/4	143,092	3/4	132,809	3/4	122,525	3/4	112,242	3/4	101,958	3/4	91,675	3/4	81,391	3/4	71,108	3/4
2	2	153,044	2	142,878	2	132,594	2	122,311	2	112,027	2	101,744	2	91,461	2	81,177	2	70,894	2
1/4	1/4	152,885	1/4	142,664	1/4	132,380	1/4	122,097	1/4	111,813	1/4	101,530	1/4	91,246	1/4	80,963	1/4	70,679	1/4
1/2	1/2	152,667	1/2	142,449	1/2	132,166	1/2	121,883	1/2	111,599	1/2	101,316	1/2	91,032	1/2	80,749	1/2	70,465	1/2
3/4	3/4	152,478	3/4	142,235	3/4	131,952	3/4	121,668	3/4	111,385	3/4	101,101	3/4	90,818	3/4	80,534	3/4	70,251	3/4
3	3	152,289	3	142,021	3	131,738	3	121,454	3	111,171	3	100,887	3	90,604	3	80,320	3	70,037	3
1/4	1/4	152,078	1/4	141,807	1/4	131,523	1/4	121,240	1/4	110,966	1/4	100,673	1/4	90,389	1/4	80,106	1/4	69,822	1/4
1/2	1/2	151,867	1/2	141,593	1/2	131,309	1/2	121,026	1/2	110,742	1/2	100,459	1/2	90,175	1/2	79,892	1/2	69,608	1/2
3/4	3/4	151,656	3/4	141,378	3/4	131,094	3/4	120,811	3/4	110,528	3/4	100,244	3/4	89,961	3/4	79,677	3/4	69,394	3/4
4	4	151,446	4	141,164	4	130,881	4	120,597	4	110,314	4	100,030	4	89,747	4	79,463	4	69,180	4
1/4	1/4	151,232	1/4	140,950	1/4	130,666	1/4	120,383	1/4	110,099	1/4	99,816	1/4	89,532	1/4	79,249	1/4	68,966	1/4
1/2	1/2	151,018	1/2	140,736	1/2	130,452	1/2	120,169	1/2	109,885	1/2	99,602	1/2	89,318	1/2	79,035	1/2	68,751	1/2
3/4	3/4	150,804	3/4	140,521	3/4	130,238	3/4	119,954	3/4	109,671	3/4	99,387	3/4	89,104	3/4	78,820	3/4	68,537	3/4
5	5	150,590	5	140,307	5	130,024	5	119,740	5	109,457	5	99,173	5	88,923	5	78,606	5	68,323	5
1/4	1/4	150,376	1/4	140,093	1/4	129,809	1/4	119,526	1/4	109,242	1/4	98,959	1/4	88,745	1/4	78,392	1/4	68,108	1/4
1/2	1/2	150,162	1/2	139,879	1/2	129,595	1/2	119,312	1/2	109,028	1/2	98,745	1/2	88,461	1/2	78,178	1/2	67,894	1/2
3/4	3/4	149,948	3/4	139,664	3/4	129,381	3/4	119,097	3/4	108,814	3/4	98,530	3/4	88,247	3/4	77,983	3/4	67,680	3/4
6	6	149,734	6	139,450	6	129,167	6	118,883	6	108,600	6	98,316	6	88,033	6	77,749	6	67,466	6
1/4	1/4	149,519	1/4	139,236	1/4	128,952	1/4	118,669	1/4	108,385	1/4	98,102	1/4	87,818	1/4	77,535	1/4	67,251	1/4
1/2	1/2	149,305	1/2	139,022	1/2	128,738	1/2	118,455	1/2	108,171	1/2	97,888	1/2	87,604	1/2	77,321	1/2	67,037	1/2
3/4	3/4	149,091	3/4	138,807	3/4	128,524	3/4	118,240	3/4	107,957	3/4	97,673	3/4	87,390	3/4	77,106	3/4	66,823	3/4
7	7	148,877	7	138,593	7	128,310	7	118,026	7	107,743	7	97,459	7	87,176	7	76,892	7	66,609	7
1/4	1/4	148,662	1/4	138,379	1/4	128,095	1/4	117,812	1/4	107,528	1/4	97,245	1/4	86,961	1/4	76,678	1/4	66,395	1/4
1/2	1/2	148,448	1/2	138,165	1/2	127,881	1/2	117,598	1/2	107,314	1/2	97,031	1/2	86,747	1/2	76,454	1/2	66,180	1/2
3/4	3/4	148,234	3/4	137,950	3/4	127,667	3/4	117,383	3/4	107,100	3/4	96,817	3/4	86,533	3/4	76,240	3/4	65,966	3/4
8	8	148,020	8	137,736	8	127,453	8	117,169	8	106,886	8	96,602	8	86,319	8	76,035	8	65,752	8
1/4	1/4	147,805	1/4	137,522	1/4	127,238	1/4	116,955	1/4	106,672	1/4	96,388	1/4	86,105	1/4	75,821	1/4	65,538	1/4
1/2	1/2	147,591	1/2	137,308	1/2	127,024	1/2	116,741	1/2	106,457	1/2	96,174	1/2	85,890	1/2	75,607	1/2	65,323	1/2
3/4	3/4	147,377	3/4	137,094	3/4	126,810	3/4	116,527	3/4	106,243	3/4	95,960	3/4	85,676	3/4	75,393	3/4	65,109	3/4
9	9	147,163	9	136,879	9	126,596	9	116,312	9	106,029	9	95,745	9	85,462	9	75,178	9	64,895	9
1/4	1/4	146,949	1/4	136,665	1/4	126,382	1/4	116,098	1/4	105,815	1/4	95,531	1/4	85,248	1/4	74,964	1/4	64,681	1/4
1/2	1/2	146,734	1/2	136,451	1/2	126,167	1/2	115,884	1/2	105,600	1/2	95,317	1/2	85,033	1/2	74,750	1/2	64,466	1/2
3/4	3/4	146,520	3/4	136,237	3/4	125,953	3/4	115,670	3/4	105,386	3/4	95,103	3/4	84,819	3/4	74,536	3/4	64,252	3/4
10	10	146,306	10	136,022	10	125,739	10	115,455	10	105,172	10	94,888	10	84,605	10	74,321	10	64,038	10
1/4	1/4	146,092	1/4	135,808	1/4	125,525	1/4	115,241	1/4	104,958	1/4	94,674	1/4	84,391	1/4	74,107	1/4	63,824	1/4
1/2	1/2	145,877	1/2	135,594	1/2	125,310	1/2	115,027	1/2	104,743	1/2	94,460	1/2	84,176	1/2	73,893	1/2	63,609	1/2
3/4	3/4	145,663	3/4	135,380	3/4	125,096	3/4	114,811	3/4	104,529	3/4	94,246	3/4	83,962	3/4	73,679	3/4	63,395	3/4
11	11	145,449	11	135,165	11	124,882	11	114,598	11	104,315	11	94,031	11	83,748	11	73,464	11	63,181	11
1/4	1/4	145,235	1/4	134,951	1/4	124,668	1/4	114,384	1/4	104,101	1/4	93,817	1/4	83,534	1/4	73,250	1/4	62,967	1/4
1/2	1/2	145,020	1/2	134,737	1/2	124,453	1/2	114,170	1/2	103,886	1/2	93,603	1/2	83,319	1/2	73,036	1/2	62,752	1/2
3/4	3/4	144,806	3/4	134,523	3/4	124,239	3/4	113,956	3/4	103,672	3/4	93,389	3/4	83,105	3/4	72,822	3/4	62,538	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IMPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.

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

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77586

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# BARGE "IB 1323"

## 2 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	62,324	0	52,040	0	41,757	0	31,517	0	21,443	0	11,160	0	918	0	0	0	0	0	0
1/4	62,110	1/4	51,826	1/4	41,543	1/4	31,309	1/4	21,229	1/4	10,946	1/4	771	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,895	1/2	51,612	1/2	41,328	1/2	31,101	1/2	21,015	1/2	10,732	1/2	624	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,681	3/4	51,398	3/4	41,114	3/4	30,893	3/4	20,801	3/4	10,518	3/4	478	3/4	3/4	3/4	3/4	3/4	3/4
1	61,467	1	51,184	1	40,900	1	30,685	1	20,586	1	10,303	1	331	1	1	1	1	1	1
1/4	61,253	1/4	50,969	1/4	40,686	1/4	30,477	1/4	20,372	1/4	10,089	1/4	266	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,039	1/2	50,755	1/2	40,472	1/2	30,270	1/2	20,158	1/2	9,875	1/2	202	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,824	3/4	50,541	3/4	40,257	3/4	30,062	3/4	19,944	3/4	9,661	3/4	138	3/4	3/4	3/4	3/4	3/4	3/4
2	60,610	2	50,327	2	40,043	2	29,854	2	19,730	2	9,446	2	74	2	2	2	2	2	2
1/4	60,396	1/4	50,112	1/4	39,829	1/4	29,646	1/4	19,515	1/4	9,232	1/4	74	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,182	1/2	49,898	1/2	39,615	1/2	29,438	1/2	19,301	1/2	9,018	1/2	478	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,967	3/4	49,684	3/4	39,400	3/4	29,230	3/4	19,087	3/4	8,804	3/4	331	3/4	3/4	3/4	3/4	3/4	3/4
3	59,753	3	49,470	3	39,186	3	29,022	3	18,873	3	8,590	3	266	3	3	3	3	3	3
1/4	59,539	1/4	49,255	1/4	38,972	1/4	28,814	1/4	18,658	1/4	8,375	1/4	202	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,325	1/2	49,041	1/2	38,758	1/2	28,606	1/2	18,444	1/2	8,161	1/2	138	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,110	3/4	48,827	3/4	38,543	3/4	28,398	3/4	18,230	3/4	7,947	3/4	74	3/4	3/4	3/4	3/4	3/4	3/4
4	58,896	4	48,613	4	38,329	4	28,190	4	18,016	4	7,733	4	4	4	4	4	4	4	4
1/4	58,682	1/4	48,398	1/4	38,115	1/4	27,982	1/4	17,801	1/4	7,518	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,468	1/2	48,184	1/2	37,901	1/2	27,774	1/2	17,587	1/2	7,304	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,253	3/4	47,970	3/4	37,686	3/4	27,566	3/4	17,373	3/4	7,090	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4
5	58,039	5	47,756	5	37,472	5	27,358	5	17,159	5	6,876	5	4	5	5	5	5	5	5
1/4	57,825	1/4	47,541	1/4	37,258	1/4	27,150	1/4	16,945	1/4	6,661	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,611	1/2	47,327	1/2	37,044	1/2	26,942	1/2	16,730	1/2	6,447	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,396	3/4	47,113	3/4	36,829	3/4	26,734	3/4	16,516	3/4	6,233	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4
6	57,182	6	46,899	6	36,615	6	26,526	6	16,302	6	6,019	6	4	6	6	6	6	6	6
1/4	56,968	1/4	46,684	1/4	36,401	1/4	26,319	1/4	16,088	1/4	5,805	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,754	1/2	46,470	1/2	36,187	1/2	26,111	1/2	15,873	1/2	5,590	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,539	3/4	46,256	3/4	35,973	3/4	25,903	3/4	15,659	3/4	5,376	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4
7	56,325	7	46,042	7	35,758	7	25,695	7	15,445	7	5,162	7	4	7	7	7	7	7	7
1/4	56,111	1/4	45,828	1/4	35,544	1/4	25,488	1/4	15,231	1/4	4,948	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,897	1/2	45,613	1/2	35,330	1/2	25,280	1/2	15,016	1/2	4,733	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,683	3/4	45,399	3/4	35,116	3/4	25,072	3/4	14,802	3/4	4,519	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4
8	55,468	8	45,185	8	34,901	8	24,865	8	14,588	8	4,305	8	4	8	8	8	8	8	8
1/4	55,254	1/4	44,971	1/4	34,687	1/4	24,652	1/4	14,374	1/4	4,091	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,040	1/2	44,756	1/2	34,473	1/2	24,439	1/2	14,160	1/2	3,877	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,826	3/4	44,542	3/4	34,259	3/4	24,227	3/4	13,945	3/4	3,662	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4
9	54,611	9	44,328	9	34,044	9	24,014	9	13,731	9	3,448	9	4	9	9	9	9	9	9
1/4	54,397	1/4	44,114	1/4	33,830	1/4	23,800	1/4	13,517	1/4	3,234	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,183	1/2	43,899	1/2	33,616	1/2	23,586	1/2	13,303	1/2	3,020	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,969	3/4	43,685	3/4	33,402	3/4	23,371	3/4	13,088	3/4	2,806	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4
10	53,754	10	43,471	10	33,187	10	23,157	10	12,874	10	2,592	10	4	10	10	10	10	10	10
1/4	53,540	1/4	43,257	1/4	32,973	1/4	22,943	1/4	12,660	1/4	2,378	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,326	1/2	43,042	1/2	32,758	1/2	22,729	1/2	12,446	1/2	2,165	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,112	3/4	42,828	3/4	32,559	3/4	22,515	3/4	12,231	3/4	1,952	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4
11	52,897	11	42,614	11	32,349	11	22,300	11	12,017	11	1,738	11	4	11	11	11	11	11	11
1/4	52,683	1/4	42,400	1/4	32,141	1/4	22,086	1/4	11,803	1/4	1,533	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,469	1/2	42,185	1/2	31,933	1/2	21,872	1/2	11,589	1/2	1,328	1/2	4	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,255	3/4	41,971	3/4	31,725	3/4	21,658	3/4	11,375	3/4	1,123	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS  
 CALCULATED: 04/14/2020 CL  
 PRINTED: 04/15/2020 SW  
 CANCEL'S AND SUPERCEDES  
 ALL PRIOR TO 04/2020

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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 HHO://www.dimaacvtd.net



# BARGE "IB 1323"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

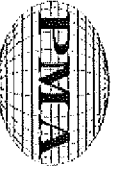
GAUGE HEIGHT 16'-01 3/4"

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	154,812	0	145,418	0	135,076	0	124,734	0	114,392
1/4	1/4	154,733	1/4	145,203	1/4	134,850	1/4	124,518	1/4	114,176
1/2	1/2	154,655	1/2	144,987	1/2	134,645	1/2	124,303	1/2	113,961
3/4	3/4	154,637	3/4	144,772	3/4	134,430	3/4	124,088	3/4	113,745
1	1	154,511	1	144,556	1	134,214	1	123,872	1	113,530
1/4	1/4	154,385	1/4	144,341	1/4	133,999	1/4	123,657	1/4	113,315
1/2	1/2	154,260	1/2	144,125	1/2	133,783	1/2	123,441	1/2	113,099
3/4	3/4	154,134	3/4	143,910	3/4	133,568	3/4	123,226	3/4	112,884
2	2	153,944	2	143,694	2	133,352	2	123,010	2	112,668
1/4	1/4	153,754	1/4	143,479	1/4	133,137	1/4	122,795	1/4	112,453
1/2	1/2	153,564	1/2	143,263	1/2	132,921	1/2	122,579	1/2	112,237
3/4	3/4	153,375	3/4	143,048	3/4	132,706	3/4	122,364	3/4	112,022
3	3	153,163	3	142,832	3	132,490	3	122,148	3	111,806
1/4	1/4	152,950	1/4	142,617	1/4	132,275	1/4	121,933	1/4	111,591
1/2	1/2	152,738	1/2	142,402	1/2	132,060	1/2	121,717	1/2	111,375
3/4	3/4	152,526	3/4	142,186	3/4	131,844	3/4	121,502	3/4	111,160
4	4	152,311	4	141,971	4	131,629	4	121,287	4	110,945
1/4	1/4	152,096	1/4	141,755	1/4	131,413	1/4	121,071	1/4	110,729
1/2	1/2	151,881	1/2	141,540	1/2	131,198	1/2	120,856	1/2	110,514
3/4	3/4	151,666	3/4	141,324	3/4	130,982	3/4	120,640	3/4	110,298
5	5	151,451	5	141,109	5	130,767	5	120,425	5	110,083
1/4	1/4	151,235	1/4	140,893	1/4	130,551	1/4	120,209	1/4	109,867
1/2	1/2	151,020	1/2	140,678	1/2	130,336	1/2	119,994	1/2	109,652
3/4	3/4	150,804	3/4	140,462	3/4	130,120	3/4	119,778	3/4	109,436
6	6	150,589	6	140,247	6	129,905	6	119,563	6	109,221
1/4	1/4	150,374	1/4	140,032	1/4	129,689	1/4	119,347	1/4	109,005
1/2	1/2	150,158	1/2	139,816	1/2	129,474	1/2	119,132	1/2	108,790
3/4	3/4	149,943	3/4	139,601	3/4	129,259	3/4	118,917	3/4	108,574
7	7	149,727	7	139,385	7	129,043	7	118,701	7	108,359
1/4	1/4	149,512	1/4	139,170	1/4	128,828	1/4	118,486	1/4	108,144
1/2	1/2	149,296	1/2	138,954	1/2	128,612	1/2	118,270	1/2	107,928
3/4	3/4	149,081	3/4	138,739	3/4	128,397	3/4	118,055	3/4	107,713
8	8	148,865	8	138,523	8	128,181	8	117,839	8	107,497
1/4	1/4	148,650	1/4	138,308	1/4	127,966	1/4	117,624	1/4	107,282
1/2	1/2	148,434	1/2	138,092	1/2	127,750	1/2	117,408	1/2	107,066
3/4	3/4	148,219	3/4	137,877	3/4	127,535	3/4	117,193	3/4	106,851
9	9	148,004	9	137,661	9	127,319	9	116,977	9	106,635
1/4	1/4	147,788	1/4	137,446	1/4	127,104	1/4	116,762	1/4	106,420
1/2	1/2	147,573	1/2	137,231	1/2	126,889	1/2	116,546	1/2	106,204
3/4	3/4	147,357	3/4	137,015	3/4	126,673	3/4	116,331	3/4	105,989
10	10	147,142	10	136,800	10	126,458	10	116,116	10	105,774
1/4	1/4	146,926	1/4	136,584	1/4	126,242	1/4	115,900	1/4	105,558
1/2	1/2	146,711	1/2	136,369	1/2	126,027	1/2	115,685	1/2	105,343
3/4	3/4	146,495	3/4	136,153	3/4	125,811	3/4	115,469	3/4	105,127
11	11	146,280	11	135,938	11	125,596	11	115,254	11	104,912
1/4	1/4	146,064	1/4	135,722	1/4	125,380	1/4	115,038	1/4	104,696
1/2	1/2	145,849	1/2	135,507	1/2	125,165	1/2	114,823	1/2	104,481
3/4	3/4	145,633	3/4	135,291	3/4	124,949	3/4	114,607	3/4	104,265

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IMPMS 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 2082  
 Pearland, Texas 77588  
 http://www.pma.com



# BARGE "IB 1323"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	62,682	0	52,340	0	41,998	0	31,661	0	21,350	0	11,009	0	776	0	0	0	0	0	0
1/4	62,466	1/4	52,124	1/4	41,782	1/4	31,447	1/4	21,135	1/4	10,793	1/4	628	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,251	1/2	51,909	1/2	41,567	1/2	31,232	1/2	20,919	1/2	10,578	1/2	480	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,035	3/4	51,693	3/4	41,351	3/4	31,018	3/4	20,704	3/4	10,362	3/4	333	3/4	3/4	3/4	3/4	3/4	3/4
1	61,820	1	51,478	1	41,136	1	30,803	1	20,489	1	10,147	1	268	1	1	1	1	1	1
1/4	61,604	1/4	51,262	1/4	40,920	1/4	30,589	1/4	20,273	1/4	9,931	1/4	203	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,389	1/2	51,047	1/2	40,705	1/2	30,374	1/2	20,058	1/2	9,716	1/2	139	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,173	3/4	50,831	3/4	40,489	3/4	30,160	3/4	19,842	3/4	9,501	3/4	74	3/4	3/4	3/4	3/4	3/4	3/4
1	60,958	1	50,616	1	40,274	1	29,945	1	19,627	1	9,285	1	2	1	1	1	1	1	1
1/4	60,743	1/4	50,400	1/4	40,058	1/4	29,731	1/4	19,411	1/4	9,070	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,527	1/2	50,185	1/2	39,843	1/2	29,516	1/2	19,196	1/2	8,854	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,312	3/4	49,970	3/4	39,628	3/4	29,302	3/4	18,980	3/4	8,639	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	60,096	1	49,754	1	39,412	1	29,087	1	18,765	1	8,423	1	0	1	1	1	1	1	1
1/4	59,881	1/4	49,539	1/4	39,197	1/4	28,873	1/4	18,549	1/4	8,208	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,665	1/2	49,323	1/2	38,981	1/2	28,658	1/2	18,334	1/2	7,992	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,450	3/4	49,108	3/4	38,766	3/4	28,444	3/4	18,119	3/4	7,777	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	59,234	1	48,892	1	38,550	1	28,229	1	17,903	1	7,561	1	0	1	1	1	1	1	1
1/4	59,019	1/4	48,677	1/4	38,335	1/4	28,015	1/4	17,688	1/4	7,346	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,803	1/2	48,461	1/2	38,119	1/2	27,800	1/2	17,472	1/2	7,131	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,588	3/4	48,246	3/4	37,904	3/4	27,586	3/4	17,257	3/4	6,915	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	58,372	1	48,030	1	37,688	1	27,371	1	17,041	1	6,700	1	0	1	1	1	1	1	1
1/4	58,157	1/4	47,815	1/4	37,473	1/4	27,157	1/4	16,826	1/4	6,484	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,942	1/2	47,600	1/2	37,257	1/2	26,942	1/2	16,610	1/2	6,269	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,726	3/4	47,384	3/4	37,042	3/4	26,728	3/4	16,395	3/4	6,053	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	57,511	1	47,169	1	36,827	1	26,513	1	16,179	1	5,838	1	0	1	1	1	1	1	1
1/4	57,295	1/4	46,953	1/4	36,611	1/4	26,299	1/4	15,964	1/4	5,622	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,080	1/2	46,738	1/2	36,396	1/2	26,084	1/2	15,749	1/2	5,407	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,864	3/4	46,522	3/4	36,180	3/4	25,870	3/4	15,533	3/4	5,192	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	56,649	1	46,307	1	35,965	1	25,655	1	15,318	1	4,976	1	0	1	1	1	1	1	1
1/4	56,433	1/4	46,091	1/4	35,749	1/4	25,441	1/4	15,102	1/4	4,761	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,218	1/2	45,876	1/2	35,534	1/2	25,226	1/2	14,887	1/2	4,545	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,002	3/4	45,660	3/4	35,318	3/4	25,012	3/4	14,671	3/4	4,330	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	55,787	1	45,445	1	35,103	1	24,797	1	14,456	1	4,114	1	0	1	1	1	1	1	1
1/4	55,572	1/4	45,229	1/4	34,887	1/4	24,582	1/4	14,240	1/4	3,899	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,356	1/2	45,014	1/2	34,672	1/2	24,366	1/2	14,025	1/2	3,683	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,141	3/4	44,799	3/4	34,457	3/4	24,151	3/4	13,810	3/4	3,468	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	54,925	1	44,583	1	34,241	1	23,936	1	13,594	1	3,253	1	0	1	1	1	1	1	1
1/4	54,710	1/4	44,368	1/4	34,026	1/4	23,720	1/4	13,379	1/4	3,037	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,494	1/2	44,152	1/2	33,810	1/2	23,505	1/2	13,163	1/2	2,822	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,279	3/4	43,937	3/4	33,595	3/4	23,289	3/4	12,948	3/4	2,607	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	54,063	1	43,721	1	33,380	1	23,074	1	12,732	1	2,392	1	0	1	1	1	1	1	1
1/4	53,848	1/4	43,506	1/4	33,165	1/4	22,858	1/4	12,517	1/4	2,178	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,632	1/2	43,290	1/2	32,950	1/2	22,643	1/2	12,301	1/2	1,963	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,417	3/4	43,075	3/4	32,735	3/4	22,428	3/4	12,086	3/4	1,748	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
1	53,201	1	42,859	1	32,520	1	22,212	1	11,870	1	1,542	1	0	1	1	1	1	1	1
1/4	52,986	1/4	42,644	1/4	32,305	1/4	21,997	1/4	11,655	1/4	1,336	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,771	1/2	42,428	1/2	32,091	1/2	21,781	1/2	11,440	1/2	1,130	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,555	3/4	42,213	3/4	31,876	3/4	21,566	3/4	11,224	3/4	924	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS  
 CALCULATED: 04/14/2020 CI  
 PRINTED: 04/15/2020 SW  
 CANCEL \$ AND SUPERCEDES  
 ALL PRIOR TO 04/2020

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