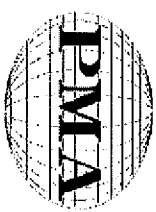


GA 11009



BARGE "B 1301"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
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	-00-3/8	00-3/8	-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	-01-1/4	01-1/4

(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 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

August 11, 2019

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

<http://www.pmacorp.net>



BARGE "1B 1301"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
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	170,509	0	161,053	0	150,866	0	140,679	0	130,492	0	119,667	0	107,762	0	95,853	0	83,943	0	72,033
1/4	170,442	1/4	160,840	1/4	150,653	1/4	140,466	1/4	130,279	1/4	119,419	1/4	107,514	1/4	95,605	1/4	83,695	1/4	71,785
1/2	170,374	1/2	160,628	1/2	150,441	1/2	140,254	1/2	130,067	1/2	119,171	1/2	107,266	1/2	95,388	1/2	83,447	1/2	71,568
3/4	170,307	3/4	160,416	3/4	150,229	3/4	140,042	3/4	129,855	3/4	118,923	3/4	107,018	3/4	95,108	3/4	83,199	3/4	71,249
1	170,162	1	160,204	1	150,017	1	139,830	1	129,643	1	118,675	1	106,770	1	94,860	1	82,950	1	70,930
1/4	170,017	1/4	159,991	1/4	149,804	1/4	139,617	1/4	129,430	1/4	118,428	1/4	106,522	1/4	94,612	1/4	82,702	1/4	70,811
1/2	169,872	1/2	159,779	1/2	149,592	1/2	139,405	1/2	129,218	1/2	118,180	1/2	106,274	1/2	94,364	1/2	82,454	1/2	70,666
3/4	169,727	3/4	159,567	3/4	149,380	3/4	139,193	3/4	129,006	3/4	117,932	3/4	106,026	3/4	94,116	3/4	82,206	3/4	70,518
2	169,522	2	159,355	2	149,168	2	138,981	2	128,794	2	117,684	2	105,778	2	93,868	2	81,959	2	70,370
1/4	169,316	1/4	159,143	1/4	148,956	1/4	138,769	1/4	128,582	1/4	117,437	1/4	105,529	1/4	93,620	1/4	81,711	1/4	70,222
1/2	169,111	1/2	158,930	1/2	148,743	1/2	138,556	1/2	128,369	1/2	117,189	1/2	105,281	1/2	93,372	1/2	81,464	1/2	70,074
3/4	168,906	3/4	158,718	3/4	148,531	3/4	138,344	3/4	128,157	3/4	116,941	3/4	105,033	3/4	93,123	3/4	81,217	3/4	69,926
3	168,693	3	158,506	3	148,319	3	138,132	3	127,945	3	116,693	3	104,785	3	92,875	3	80,970	3	69,778
1/4	168,480	1/4	158,294	1/4	148,107	1/4	137,920	1/4	127,733	1/4	116,446	1/4	104,537	1/4	92,627	1/4	80,723	1/4	69,630
1/2	168,267	1/2	158,081	1/2	147,894	1/2	137,707	1/2	127,520	1/2	116,198	1/2	104,289	1/2	92,379	1/2	80,476	1/2	69,482
3/4	168,054	3/4	157,869	3/4	147,682	3/4	137,495	3/4	127,308	3/4	115,950	3/4	104,041	3/4	92,131	3/4	80,229	3/4	69,334
4	167,842	4	157,657	4	147,470	4	137,283	4	127,096	4	115,702	4	103,793	4	91,883	4	79,981	4	69,186
1/4	167,630	1/4	157,445	1/4	147,258	1/4	137,071	1/4	126,884	1/4	115,454	1/4	103,544	1/4	91,635	1/4	79,734	1/4	69,038
1/2	167,419	1/2	157,232	1/2	147,045	1/2	136,858	1/2	126,671	1/2	115,206	1/2	103,296	1/2	91,387	1/2	79,487	1/2	68,890
3/4	167,207	3/4	157,020	3/4	146,833	3/4	136,646	3/4	126,459	3/4	114,958	3/4	103,048	3/4	91,138	3/4	79,240	3/4	68,742
5	166,995	5	156,808	5	146,621	5	136,434	5	126,247	5	114,710	5	102,800	5	90,890	5	78,993	5	68,594
1/4	166,783	1/4	156,596	1/4	146,409	1/4	136,222	1/4	126,030	1/4	114,462	1/4	102,552	1/4	90,642	1/4	78,746	1/4	68,446
1/2	166,570	1/2	156,384	1/2	146,197	1/2	136,010	1/2	125,823	1/2	114,214	1/2	102,304	1/2	90,394	1/2	78,499	1/2	68,298
3/4	166,358	3/4	156,171	3/4	145,984	3/4	135,797	3/4	125,615	3/4	113,965	3/4	102,056	3/4	90,146	3/4	78,252	3/4	68,150
6	166,146	6	155,959	6	145,772	6	135,585	6	125,398	6	113,717	6	101,808	6	89,898	6	78,005	6	68,002
1/4	165,934	1/4	155,747	1/4	145,560	1/4	135,373	1/4	125,186	1/4	113,469	1/4	101,559	1/4	89,650	1/4	77,758	1/4	67,854
1/2	165,722	1/2	155,535	1/2	145,348	1/2	135,161	1/2	124,974	1/2	113,221	1/2	101,311	1/2	89,402	1/2	77,511	1/2	67,706
3/4	165,509	3/4	155,322	3/4	145,135	3/4	134,948	3/4	124,761	3/4	112,973	3/4	101,063	3/4	89,154	3/4	77,264	3/4	67,558
7	165,297	7	155,110	7	144,923	7	134,736	7	124,536	7	112,725	7	100,815	7	88,905	7	77,017	7	67,410
1/4	165,085	1/4	154,898	1/4	144,711	1/4	134,524	1/4	124,311	1/4	112,477	1/4	100,567	1/4	88,657	1/4	76,770	1/4	67,262
1/2	164,873	1/2	154,686	1/2	144,499	1/2	134,312	1/2	124,086	1/2	112,229	1/2	100,319	1/2	88,409	1/2	76,522	1/2	67,114
3/4	164,661	3/4	154,473	3/4	144,286	3/4	134,099	3/4	123,860	3/4	111,980	3/4	100,071	3/4	88,161	3/4	76,276	3/4	66,966
8	164,448	8	154,261	8	144,074	8	133,887	8	123,640	8	111,732	8	99,823	8	87,913	8	76,028	8	66,818
1/4	164,236	1/4	154,049	1/4	143,862	1/4	133,675	1/4	123,374	1/4	111,484	1/4	99,575	1/4	87,665	1/4	75,781	1/4	66,670
1/2	164,024	1/2	153,837	1/2	143,650	1/2	133,463	1/2	123,131	1/2	111,236	1/2	99,326	1/2	87,417	1/2	75,534	1/2	66,522
3/4	163,812	3/4	153,625	3/4	143,438	3/4	133,251	3/4	122,886	3/4	110,988	3/4	99,078	3/4	87,169	3/4	75,287	3/4	66,374
9	163,599	9	153,412	9	143,225	9	133,038	9	122,640	9	110,740	9	98,830	9	86,920	9	75,040	9	66,226
1/4	163,387	1/4	153,200	1/4	143,013	1/4	132,826	1/4	122,394	1/4	110,492	1/4	98,582	1/4	86,672	1/4	74,793	1/4	66,078
1/2	163,175	1/2	152,988	1/2	142,801	1/2	132,614	1/2	122,144	1/2	110,244	1/2	98,334	1/2	86,424	1/2	74,546	1/2	65,930
3/4	162,963	3/4	152,776	3/4	142,589	3/4	132,402	3/4	121,896	3/4	109,996	3/4	98,086	3/4	86,176	3/4	74,299	3/4	65,782
10	162,750	10	152,563	10	142,376	10	132,189	10	121,649	10	109,747	10	97,838	10	85,928	10	74,052	10	65,634
1/4	162,538	1/4	152,353	1/4	142,164	1/4	131,977	1/4	121,401	1/4	109,499	1/4	97,590	1/4	85,680	1/4	73,805	1/4	65,486
1/2	162,326	1/2	152,139	1/2	141,952	1/2	131,765	1/2	121,153	1/2	109,251	1/2	97,341	1/2	85,432	1/2	73,558	1/2	65,338
3/4	162,114	3/4	151,927	3/4	141,740	3/4	131,553	3/4	120,905	3/4	109,003	3/4	97,093	3/4	85,184	3/4	73,311	3/4	65,190
11	161,902	11	151,715	11	141,527	11	131,340	11	120,658	11	108,755	11	96,845	11	84,935	11	73,064	11	65,042
1/4	161,689	1/4	151,502	1/4	141,315	1/4	131,128	1/4	120,410	1/4	108,507	1/4	96,597	1/4	84,687	1/4	72,817	1/4	64,894
1/2	161,477	1/2	151,290	1/2	141,103	1/2	130,916	1/2	120,162	1/2	108,259	1/2	96,349	1/2	84,439	1/2	72,570	1/2	64,746
3/4	161,265	3/4	151,078	3/4	140,891	3/4	130,704	3/4	119,914	3/4	108,011	3/4	96,101	3/4	84,191	3/4	72,322	3/4	64,598

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092
Pasland, Texas 77568
http://www.pmacorp.net

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



BARGE "IB 1301"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	72,075	0	60,170	0	48,265	0	36,428	0	24,774	0
1/4	71,827	1/4	59,922	1/4	48,017	1/4	36,189	1/4	24,526	1/4
1/2	71,579	1/2	59,674	1/2	47,769	1/2	35,949	1/2	24,278	1/2
3/4	71,331	3/4	59,426	3/4	47,521	3/4	35,709	3/4	24,030	3/4
1	71,083	1	59,178	1	47,273	1	35,470	1	23,782	1
1 1/4	70,835	1 1/4	58,930	1 1/4	47,025	1 1/4	35,230	1 1/4	23,534	1 1/4
1 1/2	70,587	1 1/2	58,682	1 1/2	46,777	1 1/2	34,991	1 1/2	23,285	1 1/2
3/4	70,339	3/4	58,434	3/4	46,529	3/4	34,751	3/4	23,037	3/4
2	70,091	2	58,186	2	46,281	2	34,512	2	22,789	2
1 1/4	69,843	1 1/4	57,938	1 1/4	46,033	1 1/4	34,272	1 1/4	22,541	1 1/4
1 1/2	69,595	1 1/2	57,690	1 1/2	45,785	1 1/2	34,033	1 1/2	22,293	1 1/2
3/4	69,347	3/4	57,442	3/4	45,537	3/4	33,793	3/4	22,044	3/4
3	69,099	3	57,194	3	45,289	3	33,553	3	21,796	3
1 1/4	68,851	1 1/4	56,946	1 1/4	45,041	1 1/4	33,314	1 1/4	21,548	1 1/4
1 1/2	68,603	1 1/2	56,698	1 1/2	44,793	1 1/2	33,074	1 1/2	21,300	1 1/2
3/4	68,355	3/4	56,450	3/4	44,545	3/4	32,835	3/4	21,052	3/4
4	68,107	4	56,202	4	44,297	4	32,596	4	20,804	4
1 1/4	67,859	1 1/4	55,954	1 1/4	44,049	1 1/4	32,356	1 1/4	20,555	1 1/4
1 1/2	67,611	1 1/2	55,706	1 1/2	43,801	1 1/2	32,116	1 1/2	20,307	1 1/2
3/4	67,363	3/4	55,458	3/4	43,553	3/4	31,877	3/4	20,059	3/4
5	67,115	5	55,210	5	43,305	5	31,637	5	19,811	5
1 1/4	66,867	1 1/4	54,962	1 1/4	43,057	1 1/4	31,397	1 1/4	19,563	1 1/4
1 1/2	66,619	1 1/2	54,714	1 1/2	42,809	1 1/2	31,158	1 1/2	19,315	1 1/2
3/4	66,371	3/4	54,466	3/4	42,561	3/4	30,918	3/4	19,066	3/4
6	66,123	6	54,218	6	42,313	6	30,677	6	18,818	6
1 1/4	65,875	1 1/4	53,970	1 1/4	42,065	1 1/4	30,436	1 1/4	18,569	1 1/4
1 1/2	65,627	1 1/2	53,722	1 1/2	41,817	1 1/2	30,195	1 1/2	18,321	1 1/2
3/4	65,379	3/4	53,474	3/4	41,569	3/4	29,954	3/4	18,072	3/4
7	65,131	7	53,226	7	41,321	7	29,712	7	17,824	7
1 1/4	64,883	1 1/4	52,978	1 1/4	41,073	1 1/4	29,470	1 1/4	17,575	1 1/4
1 1/2	64,635	1 1/2	52,730	1 1/2	40,825	1 1/2	29,229	1 1/2	17,326	1 1/2
3/4	64,387	3/4	52,482	3/4	40,577	3/4	28,987	3/4	17,078	3/4
8	64,139	8	52,234	8	40,329	8	28,740	8	16,829	8
1 1/4	63,891	1 1/4	51,986	1 1/4	40,081	1 1/4	28,494	1 1/4	16,580	1 1/4
1 1/2	63,643	1 1/2	51,738	1 1/2	39,833	1 1/2	28,247	1 1/2	16,332	1 1/2
3/4	63,395	3/4	51,490	3/4	39,585	3/4	28,001	3/4	16,083	3/4
9	63,147	9	51,242	9	39,337	9	27,752	9	15,834	9
1 1/4	62,899	1 1/4	50,994	1 1/4	39,089	1 1/4	27,504	1 1/4	15,586	1 1/4
1 1/2	62,651	1 1/2	50,746	1 1/2	38,841	1 1/2	27,256	1 1/2	15,337	1 1/2
3/4	62,403	3/4	50,498	3/4	38,593	3/4	27,008	3/4	15,088	3/4
10	62,155	10	50,250	10	38,351	10	26,760	10	14,840	10
1 1/4	61,907	1 1/4	50,002	1 1/4	38,109	1 1/4	26,512	1 1/4	14,591	1 1/4
1 1/2	61,659	1 1/2	49,754	1 1/2	37,868	1 1/2	26,263	1 1/2	14,343	1 1/2
3/4	61,411	3/4	49,506	3/4	37,626	3/4	26,015	3/4	14,094	3/4
11	61,162	11	49,257	11	37,386	11	25,767	11	13,845	11
1 1/4	60,914	1 1/4	49,009	1 1/4	37,147	1 1/4	25,519	1 1/4	13,597	1 1/4
1 1/2	60,666	1 1/2	48,761	1 1/2	36,907	1 1/2	25,271	1 1/2	13,348	1 1/2
3/4	60,418	3/4	48,513	3/4	36,668	3/4	25,023	3/4	13,100	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/09/2019 JS
 CALCULATED: 08/10/2019 CL
 PRINTED: 08/11/2019 CL

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



BARGE "IB 1301"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	0	1/4	145,333	1/4	145,607	1/4	135,328	1/4	125,048	1/4	114,769	1/4	104,489	1/4	94,209	1/4	83,930	1/4	73,650
1/2	1/2	1/2	145,179	1/2	144,322	1/2	134,899	1/2	124,834	1/2	114,554	1/2	104,275	1/2	93,995	1/2	83,716	1/2	73,436
3/4	3/4	3/4	144,965	3/4	143,894	3/4	133,614	3/4	123,335	3/4	113,055	3/4	102,776	3/4	92,496	3/4	82,217	3/4	71,937
1	1	1	144,750	1	143,680	1	133,400	1	123,121	1	112,841	1	102,562	1	92,282	1	82,003	1	71,723
1/4	1/4	1/4	144,536	1/4	143,466	1/4	133,186	1/4	122,906	1/4	112,627	1/4	102,347	1/4	92,068	1/4	81,788	1/4	71,509
1/2	1/2	1/2	144,322	1/2	143,251	1/2	132,972	1/2	122,692	1/2	112,413	1/2	102,133	1/2	91,854	1/2	81,574	1/2	71,295
3/4	3/4	3/4	144,108	3/4	143,037	3/4	132,758	3/4	122,478	3/4	112,199	3/4	101,919	3/4	91,640	3/4	81,360	3/4	71,081
1	1	1	143,894	1	142,823	1	132,544	1	122,264	1	111,984	1	101,705	1	91,425	1	81,145	1	70,866
1/4	1/4	1/4	143,680	1/4	142,609	1/4	132,329	1/4	122,050	1/4	111,770	1/4	101,491	1/4	91,211	1/4	80,932	1/4	70,653
1/2	1/2	1/2	143,466	1/2	142,395	1/2	132,115	1/2	121,835	1/2	111,555	1/2	101,277	1/2	90,997	1/2	80,718	1/2	70,438
3/4	3/4	3/4	143,251	3/4	142,181	3/4	131,901	3/4	121,622	3/4	111,342	3/4	101,063	3/4	90,783	3/4	80,503	3/4	70,219
1	1	1	143,037	1	141,966	1	131,687	1	121,407	1	111,128	1	100,848	1	90,569	1	80,289	1	70,010
1/4	1/4	1/4	142,823	1/4	141,752	1/4	131,473	1/4	121,193	1/4	110,914	1/4	100,634	1/4	90,355	1/4	80,075	1/4	69,796
1/2	1/2	1/2	142,609	1/2	141,538	1/2	131,259	1/2	120,979	1/2	110,700	1/2	100,420	1/2	90,141	1/2	79,861	1/2	69,581
3/4	3/4	3/4	142,395	3/4	141,324	3/4	131,044	3/4	120,765	3/4	110,485	3/4	100,206	3/4	89,926	3/4	79,647	3/4	69,367
1	1	1	142,181	1	141,110	1	130,830	1	120,551	1	110,271	1	100,000	1	89,721	1	79,442	1	69,163
1/4	1/4	1/4	141,966	1/4	140,896	1/4	130,616	1/4	120,337	1/4	110,057	1/4	99,778	1/4	89,498	1/4	79,219	1/4	68,939
1/2	1/2	1/2	141,752	1/2	140,681	1/2	130,402	1/2	120,122	1/2	109,843	1/2	99,563	1/2	89,284	1/2	79,004	1/2	68,725
3/4	3/4	3/4	141,538	3/4	140,467	3/4	130,188	3/4	119,908	3/4	109,629	3/4	99,349	3/4	89,069	3/4	78,790	3/4	68,511
1	1	1	141,324	1	140,253	1	129,974	1	119,694	1	109,415	1	99,135	1	88,856	1	78,576	1	68,297
1/4	1/4	1/4	141,110	1/4	140,039	1/4	129,760	1/4	119,480	1/4	109,200	1/4	98,921	1/4	88,641	1/4	78,362	1/4	68,082
1/2	1/2	1/2	140,896	1/2	139,825	1/2	129,545	1/2	119,266	1/2	108,986	1/2	98,707	1/2	88,427	1/2	78,148	1/2	67,863
3/4	3/4	3/4	140,681	3/4	139,611	3/4	129,331	3/4	118,986	3/4	108,707	3/4	98,493	3/4	88,213	3/4	77,934	3/4	67,684
1	1	1	140,467	1	139,397	1	129,117	1	118,838	1	108,558	1	98,278	1	87,999	1	77,719	1	67,440
1/4	1/4	1/4	140,253	1/4	139,182	1/4	128,903	1/4	118,623	1/4	108,344	1/4	98,064	1/4	87,785	1/4	77,505	1/4	67,226
1/2	1/2	1/2	140,039	1/2	138,968	1/2	128,689	1/2	118,409	1/2	108,130	1/2	97,850	1/2	87,571	1/2	77,291	1/2	67,012
3/4	3/4	3/4	139,825	3/4	138,754	3/4	128,475	3/4	118,195	3/4	107,916	3/4	97,636	3/4	87,356	3/4	77,077	3/4	66,797
1	1	1	139,611	1	138,540	1	128,260	1	117,981	1	107,701	1	97,422	1	87,142	1	76,863	1	66,583
1/4	1/4	1/4	139,397	1/4	138,326	1/4	128,046	1/4	117,767	1/4	107,487	1/4	97,208	1/4	86,928	1/4	76,649	1/4	66,369
1/2	1/2	1/2	139,182	1/2	138,112	1/2	127,832	1/2	117,583	1/2	107,273	1/2	96,994	1/2	86,744	1/2	76,434	1/2	66,155
3/4	3/4	3/4	138,968	3/4	137,897	3/4	127,618	3/4	117,338	3/4	107,059	3/4	96,779	3/4	86,500	3/4	76,220	3/4	65,941
1	1	1	138,754	1	137,683	1	127,404	1	117,124	1	106,845	1	96,565	1	86,286	1	75,996	1	65,727
1/4	1/4	1/4	138,540	1/4	137,469	1/4	127,190	1/4	116,910	1/4	106,631	1/4	96,351	1/4	86,072	1/4	75,778	1/4	65,512
1/2	1/2	1/2	138,326	1/2	137,255	1/2	126,975	1/2	116,696	1/2	106,416	1/2	96,137	1/2	85,857	1/2	75,578	1/2	65,298
3/4	3/4	3/4	138,112	3/4	137,041	3/4	126,761	3/4	116,482	3/4	106,202	3/4	95,923	3/4	85,643	3/4	75,364	3/4	65,084
1	1	1	137,897	1	136,827	1	126,547	1	116,268	1	105,988	1	95,709	1	85,429	1	75,150	1	64,870
1/4	1/4	1/4	137,683	1/4	136,613	1/4	126,333	1/4	116,053	1/4	105,774	1/4	95,494	1/4	85,215	1/4	74,931	1/4	64,656
1/2	1/2	1/2	137,469	1/2	136,398	1/2	126,119	1/2	115,839	1/2	105,560	1/2	95,280	1/2	85,001	1/2	74,721	1/2	64,442
3/4	3/4	3/4	137,255	3/4	136,184	3/4	125,905	3/4	115,625	3/4	105,346	3/4	95,066	3/4	84,787	3/4	74,507	3/4	64,228
1	1	1	137,041	1	135,970	1	125,691	1	115,411	1	105,131	1	94,882	1	84,572	1	74,293	1	64,013
1/4	1/4	1/4	136,827	1/4	135,756	1/4	125,476	1/4	115,197	1/4	104,917	1/4	94,638	1/4	84,358	1/4	74,079	1/4	63,799
1/2	1/2	1/2	136,613	1/2	135,542	1/2	125,262	1/2	114,983	1/2	104,703	1/2	94,424	1/2	84,144	1/2	73,865	1/2	63,585
3/4	3/4	3/4	136,398	3/4	135,327	3/4	125,048	3/4	114,838	3/4	104,558	3/4	94,244	3/4	84,014	3/4	73,719	3/4	63,439
1	1	1	136,184	1	135,113	1	124,834	1	114,693	1	104,413	1	94,164	1	83,869	1	73,574	1	63,294
1/4	1/4	1/4	135,970	1/4	134,900	1/4	124,619	1/4	114,554	1/4	104,275	1/4	93,995	1/4	83,716	1/4	73,436	1/4	63,149
1/2	1/2	1/2	135,756	1/2	134,680	1/2	124,406	1/2	114,413	1/2	104,081	1/2	93,807	1/2	83,571	1/2	73,291	1/2	62,999
3/4	3/4	3/4	135,542	3/4	134,466	3/4	124,251	3/4	114,268	3/4	103,924	3/4	93,652	3/4	83,428	3/4	73,147	3/4	62,854
1	1	1	135,327	1	134,251	1	124,090	1	114,128	1	103,776	1	93,507	1	83,283	1	72,992	1	62,709
1/4	1/4	1/4	135,113	1/4	134,037	1/4	123,937	1/4	113,984	1/4	103,632	1/4	93,353	1/4	83,139	1/4	72,847	1/4	62,564
1/2	1/2	1/2	134,900	1/2	133,828	1/2	123,758	1/2	113,793	1/2	103,488	1/2	93,199	1/2	82,994	1/2	72,692	1/2	62,419
3/4	3/4	3/4	134,680	3/4	133,614	3/4	123,588	3/4	113,628	3/4	103,294	3/4	92,999	3/4	82,843	3/4	72,547	3/4	62,274
1	1	1	134,466	1	133,400	1	123,419	1	113,459	1	103,104	1	92,849	1	82,688	1	72,392	1	62,129
1/4	1/4	1/4	134,251	1/4	133,186	1/4	123,250	1/4	113,289	1/4	102,909	1/4	92,699	1/4	82,533	1/4	72,247	1/4	61,984
1/2	1/2	1/2	134,037	1/2	133,020	1/2	123,080	1/2	113,119	1/2	102,710	1/2	92,549	1/2	82,387	1/2	72,092	1/2	61,839
3/4	3/4	3/4	133,823	3/4	132,852	3/4	122,910	3/4	112,949	3/4	102,540	3/4	92,399	3/4	82,237	3/4	71,937	3/4	61,694
1	1	1	133,609	1	132,638	1	122,												



BARGE "IB 1301"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-03 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	63,371	0	53,091	0	42,812	0	32,536	0	22,260	0	12,227	0	1,951	0		0			
1/4	63,157	1/2	52,877	1/4	42,598	1/2	32,337	1/4	22,092	1/2	12,013	1/4	1,738	1/2		1/4			
1/2	62,943	3/4	52,663	1/2	42,384	3/4	32,129	1/2	21,878	3/4	11,799	3/4	1,533	1/2		3/4			
3/4	62,728	1	52,449	3/4	42,169	1	31,921	3/4	21,664	1	11,585	1	1,328	3/4		1			
1	62,514	1	52,235	1	41,955	1	31,713	1	21,449	1	11,370	1	1,123	1		1			
1/4	62,300	1/4	52,021	1/4	41,741	1/4	31,505	1/4	21,435	1/4	11,156	1/4	918	1/4		1/4			
1/2	62,086	1/2	51,806	1/2	41,527	1/2	31,297	1/2	21,221	1/2	10,942	1/2	771	1/2		1/2			
3/4	61,872	3/4	51,592	3/4	41,313	3/4	31,090	3/4	21,007	3/4	10,728	3/4	624	3/4		3/4			
2	61,658	2	51,378	2	41,099	2	30,874	2	20,793	2	10,514	2	478	2		2			
1/4	61,444	1/4	51,164	1/4	40,884	1/4	30,659	1/4	20,579	1/4	10,300	1/4	331	1/4		1/4			
1/2	61,229	1/2	50,950	1/2	40,670	1/2	30,456	1/2	20,365	1/2	10,086	1/2	266	1/2		1/2			
3/4	61,015	3/4	50,736	3/4	40,456	3/4	30,258	3/4	20,150	3/4	9,871	3/4	202	3/4		3/4			
3	60,801	3	50,522	3	40,242	3	30,050	3	19,936	3	9,657	3	138	3		3			
1/4	60,587	1/4	50,307	1/4	40,028	1/4	29,842	1/4	19,722	1/4	9,443	1/4	74	1/4		1/4			
1/2	60,373	1/2	50,093	1/2	39,814	1/2	29,634	1/2	19,508	1/2	9,229	1/2		1/2		1/2			
3/4	60,159	3/4	49,879	3/4	39,600	3/4	29,427	3/4	19,294	3/4	9,015	3/4		3/4		3/4			
4	59,944	4	49,665	4	39,385	4	29,219	4	19,080	4	8,801	4		4		4			
1/4	59,730	1/4	49,451	1/4	39,171	1/4	29,011	1/4	18,866	1/4	8,586	1/4		1/4		1/4			
1/2	59,516	1/2	49,237	1/2	38,957	1/2	28,803	1/2	18,651	1/2	8,372	1/2		1/2		1/2			
3/4	59,302	3/4	49,022	3/4	38,743	3/4	28,595	3/4	18,437	3/4	8,158	3/4		3/4		3/4			
5	59,088	5	48,808	5	38,529	5	28,387	5	18,223	5	7,944	5		5		5			
1/4	58,874	1/4	48,594	1/4	38,315	1/4	28,179	1/4	18,009	1/4	7,730	1/4		1/4		1/4			
1/2	58,659	1/2	48,380	1/2	38,100	1/2	27,972	1/2	17,795	1/2	7,516	1/2		1/2		1/2			
3/4	58,445	3/4	48,166	3/4	37,886	3/4	27,764	3/4	17,581	3/4	7,302	3/4		3/4		3/4			
6	58,231	6	47,952	6	37,672	6	27,556	6	17,367	6	7,087	6		6		6			
1/4	58,017	1/4	47,737	1/4	37,458	1/4	27,348	1/4	17,152	1/4	6,873	1/4		1/4		1/4			
1/2	57,803	1/2	47,523	1/2	37,244	1/2	27,140	1/2	16,938	1/2	6,659	1/2		1/2		1/2			
3/4	57,589	3/4	47,309	3/4	37,030	3/4	26,932	3/4	16,724	3/4	6,445	3/4		3/4		3/4			
7	57,375	7	47,095	7	36,815	7	26,724	7	16,510	7	6,231	7		7		7			
1/4	57,160	1/4	46,881	1/4	36,601	1/4	26,516	1/4	16,296	1/4	6,017	1/4		1/4		1/4			
1/2	56,946	1/2	46,667	1/2	36,387	1/2	26,309	1/2	16,082	1/2	5,803	1/2		1/2		1/2			
3/4	56,732	3/4	46,453	3/4	36,173	3/4	26,101	3/4	15,868	3/4	5,588	3/4		3/4		3/4			
8	56,518	8	46,238	8	35,959	8	25,893	8	15,653	8	5,374	8		8		8			
1/4	56,304	1/4	46,024	1/4	35,745	1/4	25,686	1/4	15,439	1/4	5,160	1/4		1/4		1/4			
1/2	56,090	1/2	45,810	1/2	35,531	1/2	25,478	1/2	15,225	1/2	4,946	1/2		1/2		1/2			
3/4	55,875	3/4	45,596	3/4	35,316	3/4	25,270	3/4	15,011	3/4	4,732	3/4		3/4		3/4			
9	55,661	9	45,382	9	35,102	9	25,063	9	14,797	9	4,518	9		9		9			
1/4	55,447	1/4	45,168	1/4	34,888	1/4	24,855	1/4	14,583	1/4	4,304	1/4		1/4		1/4			
1/2	55,233	1/2	44,953	1/2	34,674	1/2	24,643	1/2	14,368	1/2	4,089	1/2		1/2		1/2			
3/4	55,019	3/4	44,739	3/4	34,460	3/4	24,430	3/4	14,154	3/4	3,875	3/4		3/4		3/4			
10	54,805	10	44,525	10	34,246	10	24,218	10	13,940	10	3,661	10		10		10			
1/4	54,591	1/4	44,311	1/4	34,031	1/4	24,005	1/4	13,726	1/4	3,447	1/4		1/4		1/4			
1/2	54,376	1/2	44,097	1/2	33,817	1/2	23,791	1/2	13,512	1/2	3,233	1/2		1/2		1/2			
3/4	54,162	3/4	43,883	3/4	33,603	3/4	23,577	3/4	13,298	3/4	3,019	3/4		3/4		3/4			
11	53,948	11	43,669	11	33,389	11	23,363	11	13,084	11	2,805	11		11		11			
1/4	53,734	1/4	43,454	1/4	33,175	1/4	23,149	1/4	12,869	1/4	2,591	1/4		1/4		1/4			
1/2	53,520	1/2	43,240	1/2	32,965	1/2	22,934	1/2	12,655	1/2	2,378	1/2		1/2		1/2			
3/4	53,306	3/4	43,026	3/4	32,756	3/4	22,720	3/4	12,441	3/4	2,164	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/09/2019 JS
 CALCULATED: 08/10/2019 CL
 PRINTED: 08/11/2019 CL

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
 http://www.pma.com

[Signature]

CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/20/19



BARGE "IB 1301"

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	155,235	0	145,976	0	135,610	0	125,244	0	114,877	0	104,511	0	94,144	0	83,778	0	73,412					
1/4	1/4	155,176	1/4	145,760	1/4	135,394	1/4	125,028	1/4	114,661	1/4	104,295	1/4	93,928	1/4	83,562	1/4	73,196					
1/2	1/2	155,118	1/2	145,545	1/2	135,178	1/2	124,812	1/2	114,445	1/2	104,079	1/2	93,712	1/2	83,346	1/2	72,980					
3/4	3/4	155,059	3/4	145,329	3/4	134,962	3/4	124,596	3/4	114,229	3/4	103,863	3/4	93,486	3/4	83,130	3/4	72,764					
1	1	155,001	1	145,113	1	134,746	1	124,380	1	114,013	1	103,647	1	93,280	1	82,914	1	72,548					
1/4	1/4	154,875	1/4	144,897	1/4	134,530	1/4	124,164	1/4	113,797	1/4	103,431	1/4	93,065	1/4	82,698	1/4	72,332					
1/2	1/2	154,749	1/2	144,681	1/2	134,314	1/2	123,948	1/2	113,581	1/2	103,215	1/2	92,849	1/2	82,482	1/2	72,116					
3/4	3/4	154,623	3/4	144,465	3/4	134,098	3/4	123,732	3/4	113,365	3/4	102,999	3/4	92,633	3/4	82,266	3/4	71,900					
2	2	154,497	2	144,249	2	133,882	2	123,516	2	113,149	2	102,783	2	92,417	2	82,050	2	71,684					
1/4	1/4	154,307	1/4	144,033	1/4	133,666	1/4	123,300	1/4	112,933	1/4	102,567	1/4	92,201	1/4	81,834	1/4	71,468					
1/2	1/2	154,118	1/2	143,817	1/2	133,450	1/2	123,084	1/2	112,718	1/2	102,351	1/2	91,985	1/2	81,618	1/2	71,252					
3/4	3/4	153,926	3/4	143,601	3/4	133,234	3/4	122,868	3/4	112,502	3/4	102,135	3/4	91,769	3/4	81,402	3/4	71,036					
3	3	153,736	3	143,385	3	133,018	3	122,652	3	112,286	3	101,919	3	91,553	3	81,186	3	70,820					
1/4	1/4	153,523	1/4	143,169	1/4	132,802	1/4	122,436	1/4	112,070	1/4	101,703	1/4	91,337	1/4	80,970	1/4	70,604					
1/2	1/2	153,311	1/2	142,953	1/2	132,587	1/2	122,220	1/2	111,854	1/2	101,487	1/2	91,121	1/2	80,754	1/2	70,388					
3/4	3/4	153,098	3/4	142,737	3/4	132,371	3/4	122,004	3/4	111,638	3/4	101,271	3/4	90,905	3/4	80,538	3/4	70,172					
4	4	152,885	4	142,521	4	132,155	4	121,788	4	111,422	4	101,055	4	90,689	4	80,322	4	69,956					
1/4	1/4	152,670	1/4	142,305	1/4	131,939	1/4	121,572	1/4	111,206	1/4	100,839	1/4	90,473	1/4	80,106	1/4	69,740					
1/2	1/2	152,454	1/2	142,089	1/2	131,723	1/2	121,356	1/2	110,990	1/2	100,623	1/2	90,257	1/2	79,891	1/2	69,524					
3/4	3/4	152,239	3/4	141,873	3/4	131,507	3/4	121,140	3/4	110,774	3/4	100,407	3/4	90,041	3/4	79,675	3/4	69,308					
5	5	152,023	5	141,657	5	131,291	5	120,924	5	110,558	5	100,191	5	89,825	5	79,459	5	69,092					
1/4	1/4	151,807	1/4	141,441	1/4	131,075	1/4	120,708	1/4	110,342	1/4	100,000	1/4	89,609	1/4	79,243	1/4	68,876					
1/2	1/2	151,591	1/2	141,225	1/2	130,859	1/2	120,492	1/2	110,126	1/2	99,760	1/2	89,393	1/2	79,027	1/2	68,660					
3/4	3/4	151,376	3/4	141,009	3/4	130,643	3/4	120,276	3/4	109,910	3/4	99,544	3/4	89,177	3/4	78,811	3/4	68,444					
6	6	151,160	6	140,793	6	130,427	6	120,060	6	109,694	6	99,328	6	88,961	6	78,595	6	68,228					
1/4	1/4	150,944	1/4	140,577	1/4	130,211	1/4	119,844	1/4	109,478	1/4	99,112	1/4	88,745	1/4	78,379	1/4	68,012					
1/2	1/2	150,728	1/2	140,361	1/2	129,995	1/2	119,628	1/2	109,262	1/2	98,896	1/2	88,529	1/2	78,163	1/2	67,796					
3/4	3/4	150,512	3/4	140,145	3/4	129,779	3/4	119,413	3/4	109,046	3/4	98,680	3/4	88,313	3/4	77,947	3/4	67,580					
7	7	150,296	7	139,929	7	129,563	7	119,197	7	108,830	7	98,464	7	88,097	7	77,731	7	67,364					
1/4	1/4	150,080	1/4	139,713	1/4	129,347	1/4	118,981	1/4	108,614	1/4	98,248	1/4	87,881	1/4	77,515	1/4	67,148					
1/2	1/2	149,864	1/2	139,497	1/2	129,131	1/2	118,765	1/2	108,398	1/2	98,032	1/2	87,665	1/2	77,299	1/2	66,933					
3/4	3/4	149,648	3/4	139,281	3/4	128,915	3/4	118,549	3/4	108,182	3/4	97,816	3/4	87,449	3/4	77,083	3/4	66,717					
8	8	149,432	8	139,066	8	128,699	8	118,333	8	107,966	8	97,600	8	87,233	8	76,867	8	66,501					
1/4	1/4	149,216	1/4	138,850	1/4	128,483	1/4	118,117	1/4	107,750	1/4	97,384	1/4	87,017	1/4	76,651	1/4	66,285					
1/2	1/2	149,000	1/2	138,634	1/2	128,267	1/2	117,901	1/2	107,534	1/2	97,168	1/2	86,801	1/2	76,435	1/2	66,069					
3/4	3/4	148,784	3/4	138,418	3/4	128,051	3/4	117,685	3/4	107,318	3/4	96,952	3/4	86,586	3/4	76,219	3/4	65,853					
9	9	148,568	9	138,202	9	127,835	9	117,469	9	107,102	9	96,736	9	86,370	9	76,003	9	65,637					
1/4	1/4	148,352	1/4	137,986	1/4	127,619	1/4	117,253	1/4	106,886	1/4	96,520	1/4	86,154	1/4	75,787	1/4	65,421					
1/2	1/2	148,136	1/2	137,770	1/2	127,403	1/2	117,037	1/2	106,670	1/2	96,304	1/2	85,938	1/2	75,572	1/2	65,205					
3/4	3/4	147,920	3/4	137,554	3/4	127,187	3/4	116,821	3/4	106,454	3/4	96,088	3/4	85,722	3/4	75,355	3/4	64,989					
10	10	147,704	10	137,338	10	126,971	10	116,605	10	106,239	10	95,872	10	85,506	10	75,139	10	64,773					
1/4	1/4	147,488	1/4	137,122	1/4	126,755	1/4	116,389	1/4	106,023	1/4	95,656	1/4	85,290	1/4	74,923	1/4	64,557					
1/2	1/2	147,272	1/2	136,906	1/2	126,539	1/2	116,173	1/2	105,807	1/2	95,440	1/2	85,074	1/2	74,707	1/2	64,341					
3/4	3/4	147,056	3/4	136,690	3/4	126,323	3/4	115,957	3/4	105,591	3/4	95,224	3/4	84,858	3/4	74,491	3/4	64,125					
11	11	146,840	11	136,474	11	126,107	11	115,741	11	105,375	11	95,008	11	84,642	11	74,275	11	63,909					
1/4	1/4	146,624	1/4	136,258	1/4	125,892	1/4	115,525	1/4	105,159	1/4	94,792	1/4	84,426	1/4	74,059	1/4	63,693					
1/2	1/2	146,408	1/2	136,042	1/2	125,676	1/2	115,309	1/2	104,943	1/2	94,576	1/2	84,210	1/2	73,843	1/2	63,477					
3/4	3/4	146,192	3/4	135,826	3/4	125,460	3/4	115,093	3/4	104,727	3/4	94,360	3/4	83,994	3/4	73,627	3/4	63,261					

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 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 2052
 Pearland, Texas 77588
 http://www.pmacorp.net



BARGE "IB 1301"

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	63,045	0	52,679	0	42,312	0	31,951	0	21,616	0	11,250	0	926	0	0	0	0	0	0
1/4	62,829	1/4	52,463	1/4	42,096	1/4	31,736	1/4	21,400	1/4	11,034	1/4	778	1/4	0	1/4	1/4	1/4	1/4
1/2	62,613	1/2	52,247	1/2	41,880	1/2	31,521	1/2	21,184	1/2	10,818	1/2	629	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,397	3/4	52,031	3/4	41,664	3/4	31,306	3/4	20,968	3/4	10,602	3/4	481	3/4	3/4	3/4	3/4	3/4	3/4
1	62,181	1	51,815	1	41,448	1	31,090	1	20,752	1	10,386	1	333	1	1	1	1	1	1
1/4	61,965	1/4	51,599	1/4	41,232	1/4	30,875	1/4	20,537	1/4	10,171	1/4	268	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,749	1/2	51,383	1/2	41,016	1/2	30,660	1/2	20,321	1/2	9,955	1/2	204	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,533	3/4	51,167	3/4	40,800	3/4	30,446	3/4	20,105	3/4	9,739	3/4	139	3/4	3/4	3/4	3/4	3/4	3/4
2	61,317	2	50,951	2	40,585	2	30,231	2	19,889	2	9,523	2	74	2	2	2	2	2	2
1/4	61,101	1/4	50,735	1/4	40,369	1/4	30,016	1/4	19,673	1/4	9,307	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,885	1/2	50,519	1/2	40,153	1/2	29,801	1/2	19,457	1/2	9,091	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,669	3/4	50,303	3/4	39,937	3/4	29,586	3/4	19,241	3/4	8,875	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
3	60,453	3	50,087	3	39,721	3	29,371	3	19,025	3	8,659	3	0	3	3	3	3	3	3
1/4	60,238	1/4	49,871	1/4	39,505	1/4	29,156	1/4	18,809	1/4	8,443	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,022	1/2	49,655	1/2	39,289	1/2	28,941	1/2	18,593	1/2	8,227	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,806	3/4	49,439	3/4	39,073	3/4	28,726	3/4	18,377	3/4	8,011	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
4	59,590	4	49,223	4	38,857	4	28,511	4	18,161	4	7,795	4	0	4	4	4	4	4	4
1/4	59,374	1/4	49,007	1/4	38,641	1/4	28,296	1/4	17,945	1/4	7,579	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,158	1/2	48,791	1/2	38,425	1/2	28,081	1/2	17,729	1/2	7,363	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,942	3/4	48,575	3/4	38,209	3/4	27,866	3/4	17,513	3/4	7,147	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
5	58,726	5	48,359	5	37,993	5	27,651	5	17,297	5	6,931	5	0	5	5	5	5	5	5
1/4	58,510	1/4	48,143	1/4	37,777	1/4	27,436	1/4	17,081	1/4	6,715	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,294	1/2	47,927	1/2	37,561	1/2	27,221	1/2	16,865	1/2	6,499	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,078	3/4	47,711	3/4	37,345	3/4	27,006	3/4	16,649	3/4	6,283	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
6	57,862	6	47,495	6	37,129	6	26,791	6	16,433	6	6,067	6	0	6	6	6	6	6	6
1/4	57,646	1/4	47,279	1/4	36,913	1/4	26,576	1/4	16,217	1/4	5,851	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,430	1/2	47,064	1/2	36,697	1/2	26,361	1/2	16,001	1/2	5,635	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,214	3/4	46,848	3/4	36,481	3/4	26,146	3/4	15,785	3/4	5,419	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
7	56,998	7	46,632	7	36,265	7	25,931	7	15,569	7	5,203	7	0	7	7	7	7	7	7
1/4	56,782	1/4	46,416	1/4	36,049	1/4	25,716	1/4	15,354	1/4	4,988	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,566	1/2	46,200	1/2	35,833	1/2	25,501	1/2	15,138	1/2	4,772	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,350	3/4	45,984	3/4	35,617	3/4	25,286	3/4	14,922	3/4	4,556	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
8	56,134	8	45,768	8	35,401	8	25,071	8	14,706	8	4,340	8	0	8	8	8	8	8	8
1/4	55,918	1/4	45,552	1/4	35,185	1/4	24,855	1/4	14,490	1/4	4,124	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,702	1/2	45,336	1/2	34,969	1/2	24,639	1/2	14,274	1/2	3,908	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,486	3/4	45,120	3/4	34,753	3/4	24,424	3/4	14,058	3/4	3,692	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
9	55,270	9	44,904	9	34,537	9	24,208	9	13,842	9	3,476	9	0	9	9	9	9	9	9
1/4	55,054	1/4	44,688	1/4	34,321	1/4	23,992	1/4	13,626	1/4	3,260	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,838	1/2	44,472	1/2	34,106	1/2	23,776	1/2	13,410	1/2	3,044	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,622	3/4	44,256	3/4	33,890	3/4	23,560	3/4	13,194	3/4	2,829	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
10	54,406	10	44,040	10	33,674	10	23,344	10	12,978	10	2,613	10	0	10	10	10	10	10	10
1/4	54,190	1/4	43,824	1/4	33,458	1/4	23,128	1/4	12,762	1/4	2,398	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,974	1/2	43,608	1/2	33,243	1/2	22,912	1/2	12,546	1/2	2,183	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,758	3/4	43,392	3/4	33,027	3/4	22,696	3/4	12,330	3/4	1,967	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4
11	53,543	11	43,176	11	32,812	11	22,480	11	12,114	11	1,752	11	0	11	11	11	11	11	11
1/4	53,327	1/4	42,960	1/4	32,597	1/4	22,264	1/4	11,898	1/4	1,546	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,111	1/2	42,744	1/2	32,381	1/2	22,048	1/2	11,682	1/2	1,339	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,895	3/4	42,528	3/4	32,166	3/4	21,832	3/4	11,466	3/4	1,132	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/09/2019 JS
 CALCULATED: 08/10/2019 CL
 PRINTED: 08/11/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2019

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