

BARGE "IB 1986"

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	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-5/8	- 00-5/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(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 - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

November 21, 2017

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

<http://www.pmacorp.net>



BARGE "IB 1986"

1 CENTER ULLAGE TABLE

GAUGE HEIGHT 15'-03 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	146,581	146,419	146,257	146,095	145,933	145,771	145,609	145,447	145,285	145,123	144,961	144,799	144,636	144,474	144,312	144,150	143,988	143,826
1/2	1/2	152,964	152,802	152,640	152,478	152,316	152,154	151,992	151,830	151,668	151,506	151,344	151,182	151,020	150,858	150,696	150,534	150,372	150,210
3/4	3/4	158,949	158,787	158,625	158,463	158,301	158,139	157,977	157,815	157,653	157,491	157,329	157,167	157,005	156,843	156,681	156,519	156,357	156,195
1	1	164,934	164,772	164,610	164,448	164,286	164,124	163,962	163,800	163,638	163,476	163,314	163,152	162,990	162,828	162,666	162,504	162,342	162,180
1/4	1/4	170,919	170,757	170,595	170,433	170,271	170,109	169,947	169,785	169,623	169,461	169,299	169,137	168,975	168,813	168,651	168,489	168,327	168,165
1/2	1/2	176,904	176,742	176,580	176,418	176,256	176,094	175,932	175,770	175,608	175,446	175,284	175,122	174,960	174,798	174,636	174,474	174,312	174,150
3/4	3/4	182,889	182,727	182,565	182,403	182,241	182,079	181,917	181,755	181,593	181,431	181,269	181,107	180,945	180,783	180,621	180,459	180,297	180,135
1	1	188,874	188,712	188,550	188,388	188,226	188,064	187,902	187,740	187,578	187,416	187,254	187,092	186,930	186,768	186,606	186,444	186,282	186,120
1/4	1/4	194,859	194,697	194,535	194,373	194,211	194,049	193,887	193,725	193,563	193,401	193,239	193,077	192,915	192,753	192,591	192,429	192,267	192,105
1/2	1/2	200,844	200,682	200,520	200,358	200,196	200,034	199,872	199,710	199,548	199,386	199,224	199,062	198,900	198,738	198,576	198,414	198,252	198,090
3/4	3/4	206,829	206,667	206,505	206,343	206,181	206,019	205,857	205,695	205,533	205,371	205,209	205,047	204,885	204,723	204,561	204,399	204,237	204,075
1	1	212,814	212,652	212,490	212,328	212,166	212,004	211,842	211,680	211,518	211,356	211,194	211,032	210,870	210,708	210,546	210,384	210,222	210,060
1/4	1/4	218,799	218,637	218,475	218,313	218,151	217,989	217,827	217,665	217,503	217,341	217,179	217,017	216,855	216,693	216,531	216,369	216,207	216,045
1/2	1/2	224,784	224,622	224,460	224,298	224,136	223,974	223,812	223,650	223,488	223,326	223,164	223,002	222,840	222,678	222,516	222,354	222,192	222,030
3/4	3/4	230,769	230,607	230,445	230,283	230,121	229,959	229,797	229,635	229,473	229,311	229,149	228,987	228,825	228,663	228,501	228,339	228,177	228,015
1	1	236,754	236,592	236,430	236,268	236,106	235,944	235,782	235,620	235,458	235,296	235,134	234,972	234,810	234,648	234,486	234,324	234,162	234,000
1/4	1/4	242,739	242,577	242,415	242,253	242,091	241,929	241,767	241,605	241,443	241,281	241,119	240,957	240,795	240,633	240,471	240,309	240,147	240,000
1/2	1/2	248,724	248,562	248,400	248,238	248,076	247,914	247,752	247,590	247,428	247,266	247,104	246,942	246,780	246,618	246,456	246,294	246,132	245,970
3/4	3/4	254,709	254,547	254,385	254,223	254,061	253,899	253,737	253,575	253,413	253,251	253,089	252,927	252,765	252,603	252,441	252,279	252,117	251,955
1	1	260,694	260,532	260,370	260,208	260,046	259,884	259,722	259,560	259,398	259,236	259,074	258,912	258,750	258,588	258,426	258,264	258,102	257,940
1/4	1/4	266,679	266,517	266,355	266,193	266,031	265,869	265,707	265,545	265,383	265,221	265,059	264,897	264,735	264,573	264,411	264,249	264,087	263,925
1/2	1/2	272,664	272,502	272,340	272,178	272,016	271,854	271,692	271,530	271,368	271,206	271,044	270,882	270,720	270,558	270,396	270,234	270,072	269,910
3/4	3/4	278,649	278,487	278,325	278,163	277,999	277,837	277,675	277,513	277,351	277,189	277,027	276,865	276,703	276,541	276,379	276,217	276,055	275,893
1	1	284,634	284,472	284,310	284,148	283,986	283,824	283,662	283,500	283,338	283,176	283,014	282,852	282,690	282,528	282,366	282,204	282,042	281,880
1/4	1/4	290,619	290,457	290,295	290,133	289,971	289,809	289,647	289,485	289,323	289,161	288,999	288,837	288,675	288,513	288,351	288,189	288,027	287,865
1/2	1/2	296,604	296,442	296,280	296,118	295,956	295,794	295,632	295,470	295,308	295,146	294,984	294,822	294,660	294,498	294,336	294,174	294,012	293,850
3/4	3/4	302,589	302,427	302,265	302,103	301,941	301,779	301,617	301,455	301,293	301,131	300,969	300,807	300,645	300,483	300,321	300,159	299,997	299,835
1	1	308,574	308,412	308,250	308,088	307,926	307,764	307,602	307,440	307,278	307,116	306,954	306,792	306,630	306,468	306,306	306,144	305,982	305,820
1/4	1/4	314,559	314,397	314,235	314,073	313,911	313,749	313,587	313,425	313,263	313,101	312,939	312,777	312,615	312,453	312,291	312,129	311,967	311,805
1/2	1/2	320,544	320,382	320,220	320,058	319,896	319,734	319,572	319,410	319,248	319,086	318,924	318,762	318,600	318,438	318,276	318,114	317,952	317,790
3/4	3/4	326,529	326,367	326,205	326,043	325,881	325,719	325,557	325,395	325,233	325,071	324,909	324,747	324,585	324,423	324,261	324,099	323,937	323,775
1	1	332,514	332,352	332,190	332,028	331,866	331,704	331,542	331,380	331,218	331,056	330,894	330,732	330,570	330,408	330,246	330,084	329,922	329,760
1/4	1/4	338,499	338,337	338,175	338,013	337,851	337,689	337,527	337,365	337,203	337,041	336,879	336,717	336,555	336,393	336,231	336,069	335,907	335,745
1/2	1/2	344,484	344,322	344,160	343,998	343,836	343,674	343,512	343,350	343,188	343,026	342,864	342,702	342,540	342,378	342,216	342,054	341,892	341,730
3/4	3/4	350,469	350,307	350,145	350,000	349,838	349,676	349,514	349,352	349,190	349,028	348,866	348,704	348,542	348,380	348,218	348,056	347,894	347,732
1	1	356,454	356,292	356,130	355,968	355,806	355,644	355,482	355,320	355,158	354,996	354,834	354,672	354,510	354,348	354,186	354,024	353,862	353,700
1/4	1/4	362,439	362,277	362,115	361,953	361,791	361,629	361,467	361,305	361,143	360,981	360,819	360,657	360,495	360,333	360,171	360,009	359,847	359,685
1/2	1/2	368,424	368,262	368,100	367,938	367,776	367,614	367,452	367,290	367,128	366,966	366,804	366,642	366,480	366,318	366,156	365,994	365,832	365,670
3/4	3/4	374,409	374,247	374,085	373,923	373,761	373,599	373,437	373,275	373,113	372,951	372,789	372,627	372,465	372,303	372,141	371,979	371,817	371,655
1	1	380,394	380,232	380,070	379,908	379,746	379,584	379,422	379,260	379,098	378,936	378,774	378,612	378,450	378,288	378,126	377,964	377,802	377,640
1/4	1/4	386,379	386,217	386,055	385,893	385,731	385,569	385,407	385,245	385,083	384,921	384,759	384,597	384,435	384,273	384,111	383,949	383,787	383,625
1/2	1/2	392,364	392,202	392,040	391,878	391,716	391,554	391,392	391,230	391,068	390,906	390,744	390,582	390,420	390,258	390,096	389,934	389,772	389,610
3/4	3/4	398,349	398,187	398,025	397,863	397,701	397,539	397,377	397,215	397,053	396,891	396,729	396,567	396,405	396,243	396,081	395,919	395,757	395,595
1	1	404,334	404,172	404,010	403,848	403,686	403,524	403,362	403,200	403,038	402,876	402,714	402,552	402,390	402,228	402,066	401,904	401,742	401,580
1/4	1/4	410,319	410,157	410,000	409,838	409,676	409,514	409,352	409,190	409,028	408,866	408,704	408,542	408,380	408,218	408,056	407,894	407,732	407,570
1/2	1/2	416,304	416,142	415,980	415,818	415,656	415,494	415,332	415,170	415,008	414,846	414,684	414,522	414,360	414,198	414,036	413,874	413,712	413,550
3/4	3/4	422,289	422,127	421,965	421,803	421,641	421,479	421,317	421,155	420,993	420,831	420,669	420,507	420,345	420,183	420,021	419,859	419,697	419,535
1	1	428,274	428,112	427,950	427,788	427,626	427,464	427,302	427,140	426,978	426,816	426,654	426,492	426,330	426,168	426,006	425,844	425,682	425,520
1/4	1/4	434,259	434,097	433,935	433,773	433,611	433,449	433,287	433,125	432,963	432,801	432,639	432,477	432,315	432,153	431,991	431,829	431,667	431,505
1/2	1/2	440,244	440,082	439,920	439,758	439,596	439,434	439,272	439,110	438,948	438,786	438,624							



BARGE "IB 1986"

1 CENTER ULLAGE TABLE

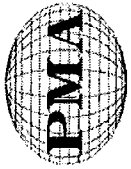
CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	61,691	0	49,695	0	37,697	0	25,947	0	13,936	0	1,932	0	0	0	0	0	0	0	0
1/4	61,442	49,445	37,454	25,697	13,686	1,694	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	61,192	49,194	37,210	25,447	13,436	1,457	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	60,943	48,944	36,967	25,196	13,186	1,219	0	0	0	0	0	0	0	0	0	0	0	0	0
1	60,693	48,694	36,723	24,946	12,936	1,055	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	60,443	48,444	36,479	24,696	12,685	891	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	60,194	48,194	36,236	24,446	12,435	726	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	59,944	47,944	35,992	24,195	12,185	562	0	0	0	0	0	0	0	0	0	0	0	0	0
2	59,695	47,694	35,749	23,945	11,935	470	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	59,445	47,444	35,506	23,695	11,684	378	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	59,195	47,194	35,262	23,445	11,434	286	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	58,946	46,944	35,018	23,195	11,184	194	0	0	0	0	0	0	0	0	0	0	0	0	0
3	58,696	46,694	34,775	22,944	10,934	152	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	58,447	46,444	34,531	22,694	10,684	110	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	58,197	46,194	34,287	22,444	10,433	68	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	57,947	45,943	34,044	22,194	10,183	26	0	0	0	0	0	0	0	0	0	0	0	0	0
4	57,697	45,693	33,800	21,943	9,933	4	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	57,447	45,443	33,557	21,693	9,683	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	57,197	45,193	33,313	21,443	9,432	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	56,947	44,943	33,070	21,193	9,182	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	56,697	44,693	32,826	20,943	8,932	5	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	56,447	44,443	32,583	20,692	8,681	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	56,197	44,193	32,339	20,442	8,431	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	55,947	43,943	32,096	20,192	8,180	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	55,697	43,693	31,852	19,942	7,930	6	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	55,447	43,443	31,609	19,692	7,679	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	55,196	43,193	31,365	19,441	7,429	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	54,946	42,942	31,121	19,191	7,178	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	54,696	42,692	30,878	18,941	6,928	7	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	54,446	42,442	30,634	18,691	6,678	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	54,196	42,192	30,391	18,440	6,427	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	53,946	41,942	30,147	18,190	6,177	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	53,696	41,692	29,904	17,940	5,927	8	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	53,446	41,442	29,660	17,690	5,676	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	53,196	41,192	29,417	17,440	5,425	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	52,946	40,942	29,173	17,189	5,175	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	52,696	40,692	28,930	16,939	4,924	9	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	52,446	40,442	28,686	16,689	4,674	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	52,195	40,192	28,443	16,439	4,423	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	51,945	39,941	28,199	16,188	4,172	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	51,695	39,691	27,949	15,938	3,921	10	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	51,445	39,441	27,699	15,688	3,671	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	51,195	39,191	27,448	15,438	3,420	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	50,945	38,941	27,198	15,188	3,170	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	50,695	38,691	26,948	14,937	2,919	11	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	50,445	38,441	26,698	14,687	2,669	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	50,195	38,191	26,447	14,437	2,419	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3/4	49,945	37,941	26,197	14,187	2,169	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2017 SW
 CALCULATED: 11/21/2017 CL
 PRINTED: 11/21/2017 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2017

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



BARGE "IB 1986"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	161,180	0	150,701	0	139,180	0	127,659	0	116,139	0	104,618	0	93,097	0	81,577	0	70,056	0
1/4	1/4	161,120	1/4	150,461	1/4	138,940	1/4	127,419	1/4	115,899	1/4	104,378	1/4	92,857	1/4	81,337	1/4	69,816	1/4
1/2	1/2	161,060	1/2	150,221	1/2	138,700	1/2	127,179	1/2	115,659	1/2	104,138	1/2	92,617	1/2	81,097	1/2	69,576	1/2
3/4	3/4	161,000	3/4	149,981	3/4	138,460	3/4	126,939	3/4	115,419	3/4	103,898	3/4	92,377	3/4	80,857	3/4	69,336	3/4
1	1	160,860	1	149,741	1	138,220	1	126,699	1	115,179	1	103,658	1	92,137	1	80,617	1	69,096	1
1/4	1/4	160,720	1/4	149,501	1/4	137,980	1/4	126,459	1/4	114,939	1/4	103,418	1/4	91,897	1/4	80,377	1/4	68,856	1/4
1/2	1/2	160,580	1/2	149,261	1/2	137,740	1/2	126,219	1/2	114,699	1/2	103,178	1/2	91,657	1/2	80,137	1/2	68,616	1/2
3/4	3/4	160,440	3/4	149,021	3/4	137,500	3/4	125,979	3/4	114,459	3/4	102,938	3/4	91,417	3/4	79,897	3/4	68,376	3/4
2	2	160,223	2	148,781	2	137,260	2	125,739	2	114,219	2	102,698	2	91,177	2	79,657	2	68,136	2
1/4	1/4	160,007	1/4	148,541	1/4	137,020	1/4	125,499	1/4	113,979	1/4	102,458	1/4	90,937	1/4	79,417	1/4	67,896	1/4
1/2	1/2	159,790	1/2	148,301	1/2	136,780	1/2	125,259	1/2	113,739	1/2	102,218	1/2	90,697	1/2	79,177	1/2	67,656	1/2
3/4	3/4	159,574	3/4	148,061	3/4	136,540	3/4	125,019	3/4	113,499	3/4	101,978	3/4	90,457	3/4	78,937	3/4	67,416	3/4
3	3	159,335	3	147,821	3	136,300	3	124,779	3	113,259	3	101,738	3	90,217	3	78,697	3	67,176	3
1/4	1/4	159,097	1/4	147,581	1/4	136,060	1/4	124,539	1/4	113,019	1/4	101,498	1/4	89,977	1/4	78,456	1/4	66,936	1/4
1/2	1/2	158,858	1/2	147,341	1/2	135,820	1/2	124,299	1/2	112,779	1/2	101,258	1/2	89,737	1/2	78,216	1/2	66,696	1/2
3/4	3/4	158,620	3/4	147,101	3/4	135,580	3/4	124,059	3/4	112,539	3/4	101,018	3/4	89,497	3/4	77,976	3/4	66,456	3/4
4	4	158,380	4	146,861	4	135,340	4	123,819	4	112,299	4	100,778	4	89,257	4	77,736	4	66,216	4
1/4	1/4	158,140	1/4	146,621	1/4	135,100	1/4	123,579	1/4	112,059	1/4	100,538	1/4	89,017	1/4	77,496	1/4	65,976	1/4
1/2	1/2	157,901	1/2	146,381	1/2	134,860	1/2	123,339	1/2	111,819	1/2	100,298	1/2	88,777	1/2	77,256	1/2	65,736	1/2
3/4	3/4	157,661	3/4	146,141	3/4	134,620	3/4	123,099	3/4	111,579	3/4	100,058	3/4	88,537	3/4	77,016	3/4	65,496	3/4
5	5	157,421	5	145,901	5	134,380	5	122,859	5	111,338	5	99,818	5	88,297	5	76,776	5	65,256	5
1/4	1/4	157,181	1/4	145,661	1/4	134,140	1/4	122,619	1/4	111,098	1/4	99,578	1/4	88,057	1/4	76,536	1/4	65,016	1/4
1/2	1/2	156,941	1/2	145,421	1/2	133,900	1/2	122,379	1/2	110,858	1/2	99,338	1/2	87,817	1/2	76,296	1/2	64,776	1/2
3/4	3/4	156,701	3/4	145,181	3/4	133,660	3/4	122,139	3/4	110,618	3/4	99,098	3/4	87,577	3/4	76,056	3/4	64,536	3/4
6	6	156,461	6	144,941	6	133,420	6	121,899	6	110,378	6	98,858	6	87,337	6	75,816	6	64,296	6
1/4	1/4	156,221	1/4	144,701	1/4	133,180	1/4	121,659	1/4	110,138	1/4	98,618	1/4	87,097	1/4	75,576	1/4	64,056	1/4
1/2	1/2	155,981	1/2	144,461	1/2	132,940	1/2	121,419	1/2	109,898	1/2	98,378	1/2	86,857	1/2	75,336	1/2	63,816	1/2
3/4	3/4	155,741	3/4	144,220	3/4	132,700	3/4	121,179	3/4	109,658	3/4	98,138	3/4	86,617	3/4	75,096	3/4	63,576	3/4
7	7	155,501	7	143,980	7	132,460	7	120,939	7	109,418	7	97,898	7	86,377	7	74,856	7	63,336	7
1/4	1/4	155,261	1/4	143,740	1/4	132,220	1/4	120,699	1/4	109,178	1/4	97,658	1/4	86,137	1/4	74,616	1/4	63,096	1/4
1/2	1/2	155,021	1/2	143,500	1/2	131,980	1/2	120,459	1/2	108,938	1/2	97,418	1/2	85,897	1/2	74,376	1/2	62,856	1/2
3/4	3/4	154,781	3/4	143,260	3/4	131,740	3/4	120,219	3/4	108,698	3/4	97,178	3/4	85,657	3/4	74,136	3/4	62,616	3/4
8	8	154,541	8	143,020	8	131,500	8	119,979	8	108,458	8	96,938	8	85,417	8	73,896	8	62,376	8
1/4	1/4	154,301	1/4	142,780	1/4	131,260	1/4	119,739	1/4	108,218	1/4	96,698	1/4	85,177	1/4	73,656	1/4	62,136	1/4
1/2	1/2	154,061	1/2	142,540	1/2	131,020	1/2	119,499	1/2	107,978	1/2	96,458	1/2	84,937	1/2	73,416	1/2	61,896	1/2
3/4	3/4	153,821	3/4	142,300	3/4	130,780	3/4	119,259	3/4	107,738	3/4	96,218	3/4	84,697	3/4	73,176	3/4	61,656	3/4
9	9	153,581	9	142,060	9	130,540	9	119,019	9	107,498	9	95,978	9	84,457	9	72,936	9	61,416	9
1/4	1/4	153,341	1/4	141,820	1/4	130,300	1/4	118,779	1/4	107,258	1/4	95,738	1/4	84,217	1/4	72,696	1/4	61,176	1/4
1/2	1/2	153,101	1/2	141,580	1/2	130,060	1/2	118,539	1/2	107,018	1/2	95,498	1/2	83,977	1/2	72,456	1/2	60,936	1/2
3/4	3/4	152,861	3/4	141,340	3/4	129,820	3/4	118,299	3/4	106,778	3/4	95,258	3/4	83,737	3/4	72,216	3/4	60,696	3/4
10	10	152,621	10	141,100	10	129,580	10	118,059	10	106,538	10	95,018	10	83,497	10	71,976	10	60,456	10
1/4	1/4	152,381	1/4	140,860	1/4	129,340	1/4	117,819	1/4	106,298	1/4	94,777	1/4	83,257	1/4	71,736	1/4	60,216	1/4
1/2	1/2	152,141	1/2	140,620	1/2	129,100	1/2	117,579	1/2	106,058	1/2	94,537	1/2	83,017	1/2	71,496	1/2	59,976	1/2
3/4	3/4	151,901	3/4	140,380	3/4	128,860	3/4	117,339	3/4	105,818	3/4	94,297	3/4	82,777	3/4	71,256	3/4	59,736	3/4
11	11	151,661	11	140,140	11	128,620	11	117,099	11	105,578	11	94,057	11	82,537	11	71,016	11	59,496	11
1/4	1/4	151,421	1/4	139,900	1/4	128,380	1/4	116,859	1/4	105,338	1/4	93,817	1/4	82,297	1/4	70,776	1/4	59,256	1/4
1/2	1/2	151,181	1/2	139,660	1/2	128,140	1/2	116,619	1/2	105,098	1/2	93,577	1/2	82,057	1/2	70,536	1/2	59,016	1/2
3/4	3/4	150,941	3/4	139,420	3/4	127,900	3/4	116,379	3/4	104,858	3/4	93,337	3/4	81,817	3/4	70,296	3/4	58,776	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

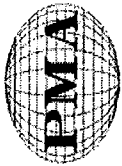
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 3'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Richard, Texas 77588

http://www.pmatcorp.net



BARGE "IB 1986"

2 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	58,535	0	47,015	0	35,529	0	24,255	0	12,735	0	1,266	0	0	0	0	0	0	0	0
1/4	58,295	46,775	35,296	24,015	12,495	1,066	0	0	0	0	0	0	0	0	0	0	0	0	0
1/2	58,055	46,535	35,063	23,775	12,255	866	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	57,815	46,295	34,830	23,535	12,015	666	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	57,575	46,055	34,597	23,295	11,775	466	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	57,335	45,815	34,364	23,055	11,535	266	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,095	45,574	34,131	22,815	11,295	66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,855	45,334	33,898	22,575	11,055	186	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	56,615	45,094	33,665	22,335	10,815	146	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	56,375	44,854	33,432	22,095	10,575	106	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,135	44,614	33,199	21,855	10,335	66	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,895	44,374	32,966	21,615	10,095	26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	55,655	44,134	32,733	21,375	9,855	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	55,415	43,894	32,500	21,135	9,615	3	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,175	43,654	32,267	20,895	9,375	3	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,935	43,414	32,034	20,655	9,135	3	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	54,695	43,174	31,801	20,415	8,895	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	54,455	42,934	31,568	20,175	8,655	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,215	42,694	31,335	19,935	8,415	4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,975	42,454	31,103	19,695	8,175	4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	53,735	42,214	30,870	19,455	7,935	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	53,495	41,974	30,637	19,215	7,695	5	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,255	41,734	30,404	18,975	7,455	5	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,015	41,494	30,171	18,735	7,215	5	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	52,775	41,254	29,938	18,495	6,975	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	52,535	41,014	29,705	18,255	6,735	6	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,295	40,774	29,472	18,015	6,495	6	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,055	40,534	29,239	17,775	6,255	6	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	51,815	40,294	29,006	17,535	6,015	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	51,575	40,054	28,773	17,295	5,775	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,335	39,814	28,540	17,055	5,535	7	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,095	39,574	28,307	16,815	5,295	7	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	50,855	39,334	28,074	16,575	5,055	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	50,615	39,094	27,841	16,335	4,815	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,375	38,854	27,608	16,095	4,575	8	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,135	38,614	27,375	15,855	4,335	8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	49,895	38,374	27,142	15,615	4,095	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	49,655	38,134	26,909	15,375	3,855	9	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,415	37,894	26,676	15,135	3,615	9	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,175	37,654	26,443	14,895	3,375	9	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	48,935	37,414	26,210	14,655	3,135	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	48,695	37,174	25,977	14,415	2,895	10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,455	36,934	25,744	14,175	2,657	10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,215	36,694	25,511	13,935	2,418	10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	47,975	36,451	25,278	13,695	2,180	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	47,735	36,211	25,045	13,455	1,942	11	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,495	35,971	24,812	13,215	1,704	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,255	35,731	24,579	12,975	1,466	11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2017 SW
 CALCULATED: 11/21/2017 CL
 PRINTED: 11/21/2017 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2017

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1986"

3 CENTER ULLAGE TABLE

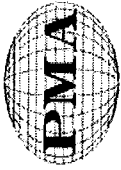
GAUGE HEIGHT 15'-03 1/4"

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	160,440	0	150,438	0	138,994	0	127,550	0	116,106	0	104,662	0	93,218	0	81,774	0	70,329	0
1/4	1/4	160,430	1/4	150,200	1/4	138,756	1/4	127,312	1/4	115,867	1/4	104,423	1/4	92,979	1/4	81,535	1/4	70,091	1/4
1/2	1/2	160,371	1/2	149,961	1/2	138,517	1/2	127,073	1/2	115,629	1/2	104,185	1/2	92,741	1/2	81,297	1/2	69,853	1/2
3/4	3/4	160,311	3/4	149,723	3/4	138,279	3/4	126,835	3/4	115,391	3/4	103,946	3/4	92,502	3/4	81,058	3/4	69,614	3/4
1	1	160,252	1	149,484	1	138,040	1	126,586	1	115,152	1	103,708	1	92,264	1	80,820	1	69,376	1
1/4	1/4	160,192	1/4	149,246	1/4	137,802	1/4	126,358	1/4	114,914	1/4	103,470	1/4	92,026	1/4	80,581	1/4	69,137	1/4
1/2	1/2	160,053	1/2	149,008	1/2	137,564	1/2	126,119	1/2	114,675	1/2	103,231	1/2	91,787	1/2	80,343	1/2	68,899	1/2
3/4	3/4	159,914	3/4	148,769	3/4	137,325	3/4	125,881	3/4	114,437	3/4	102,993	3/4	91,549	3/4	80,105	3/4	68,661	3/4
2	2	159,775	2	148,531	2	137,087	2	125,643	2	114,198	2	102,754	2	91,310	2	79,866	2	68,422	2
1/4	1/4	159,636	1/4	148,292	1/4	136,848	1/4	125,404	1/4	113,960	1/4	102,516	1/4	91,072	1/4	79,628	1/4	68,184	1/4
1/2	1/2	159,420	1/2	148,054	1/2	136,610	1/2	125,166	1/2	113,722	1/2	102,278	1/2	90,833	1/2	79,389	1/2	67,945	1/2
3/4	3/4	159,205	3/4	147,816	3/4	136,371	3/4	124,927	3/4	113,483	3/4	102,039	3/4	90,595	3/4	79,151	3/4	67,707	3/4
3	3	158,990	3	147,577	3	136,133	3	124,689	3	113,245	3	101,801	3	90,357	3	78,913	3	67,468	3
1/4	1/4	158,775	1/4	147,339	1/4	135,895	1/4	124,450	1/4	113,006	1/4	101,562	1/4	90,118	1/4	78,674	1/4	67,230	1/4
1/2	1/2	158,538	1/2	147,100	1/2	135,656	1/2	124,212	1/2	112,768	1/2	101,324	1/2	89,880	1/2	78,436	1/2	66,992	1/2
3/4	3/4	158,301	3/4	146,862	3/4	135,418	3/4	123,974	3/4	112,530	3/4	101,085	3/4	89,641	3/4	78,197	3/4	66,753	3/4
4	4	158,064	4	146,623	4	135,179	4	123,735	4	112,291	4	100,847	4	89,403	4	77,959	4	66,515	4
1/4	1/4	157,827	1/4	146,385	1/4	134,941	1/4	123,497	1/4	112,053	1/4	100,609	1/4	89,165	1/4	77,720	1/4	66,276	1/4
1/2	1/2	157,589	1/2	146,147	1/2	134,702	1/2	123,258	1/2	111,814	1/2	100,370	1/2	88,926	1/2	77,482	1/2	66,038	1/2
3/4	3/4	157,351	3/4	145,908	3/4	134,464	3/4	123,020	3/4	111,576	3/4	100,132	3/4	88,688	3/4	77,244	3/4	65,800	3/4
5	5	157,113	5	145,670	5	134,226	5	122,782	5	111,337	5	99,893	5	88,449	5	77,005	5	65,561	5
1/4	1/4	156,875	1/4	145,431	1/4	133,987	1/4	122,543	1/4	111,099	1/4	99,655	1/4	88,211	1/4	76,767	1/4	65,323	1/4
1/2	1/2	156,637	1/2	145,193	1/2	133,749	1/2	122,305	1/2	110,861	1/2	99,417	1/2	87,972	1/2	76,528	1/2	65,084	1/2
3/4	3/4	156,399	3/4	144,954	3/4	133,510	3/4	122,066	3/4	110,622	3/4	99,178	3/4	87,734	3/4	76,290	3/4	64,846	3/4
6	6	156,160	6	144,716	6	133,272	6	121,828	6	110,384	6	98,940	6	87,496	6	76,052	6	64,607	6
1/4	1/4	155,922	1/4	144,478	1/4	133,034	1/4	121,589	1/4	110,145	1/4	98,701	1/4	87,257	1/4	75,813	1/4	64,369	1/4
1/2	1/2	155,683	1/2	144,239	1/2	132,795	1/2	121,351	1/2	109,907	1/2	98,463	1/2	87,019	1/2	75,575	1/2	64,131	1/2
3/4	3/4	155,445	3/4	144,001	3/4	132,557	3/4	121,113	3/4	109,669	3/4	98,224	3/4	86,780	3/4	75,336	3/4	63,892	3/4
7	7	155,206	7	143,762	7	132,318	7	120,874	7	109,430	7	97,986	7	86,542	7	75,098	7	63,654	7
1/4	1/4	154,968	1/4	143,524	1/4	132,080	1/4	120,636	1/4	109,192	1/4	97,748	1/4	86,304	1/4	74,859	1/4	63,415	1/4
1/2	1/2	154,730	1/2	143,286	1/2	131,841	1/2	120,397	1/2	108,953	1/2	97,509	1/2	86,065	1/2	74,621	1/2	63,177	1/2
3/4	3/4	154,491	3/4	143,047	3/4	131,603	3/4	120,159	3/4	108,715	3/4	97,271	3/4	85,827	3/4	74,383	3/4	62,939	3/4
8	8	154,253	8	142,809	8	131,365	8	119,921	8	108,476	8	97,032	8	85,588	8	74,144	8	62,700	8
1/4	1/4	154,014	1/4	142,570	1/4	131,126	1/4	119,682	1/4	108,238	1/4	96,794	1/4	85,350	1/4	73,906	1/4	62,462	1/4
1/2	1/2	153,776	1/2	142,332	1/2	130,888	1/2	119,444	1/2	108,000	1/2	96,556	1/2	85,111	1/2	73,667	1/2	62,223	1/2
3/4	3/4	153,538	3/4	142,093	3/4	130,649	3/4	119,205	3/4	107,761	3/4	96,317	3/4	84,873	3/4	73,429	3/4	61,985	3/4
9	9	153,299	9	141,855	9	130,411	9	118,967	9	107,523	9	96,079	9	84,635	9	73,191	9	61,746	9
1/4	1/4	153,061	1/4	141,617	1/4	130,173	1/4	118,728	1/4	107,284	1/4	95,840	1/4	84,396	1/4	72,952	1/4	61,508	1/4
1/2	1/2	152,822	1/2	141,378	1/2	129,934	1/2	118,490	1/2	107,046	1/2	95,602	1/2	84,158	1/2	72,714	1/2	61,270	1/2
3/4	3/4	152,584	3/4	141,140	3/4	129,696	3/4	118,252	3/4	106,808	3/4	95,363	3/4	83,919	3/4	72,475	3/4	61,031	3/4
10	10	152,345	10	140,901	10	129,457	10	118,013	10	106,569	10	95,125	10	83,681	10	72,237	10	60,793	10
1/4	1/4	152,107	1/4	140,663	1/4	129,219	1/4	117,775	1/4	106,331	1/4	94,887	1/4	83,443	1/4	71,998	1/4	60,554	1/4
1/2	1/2	151,869	1/2	140,425	1/2	128,980	1/2	117,536	1/2	106,092	1/2	94,648	1/2	83,204	1/2	71,760	1/2	60,316	1/2
3/4	3/4	151,630	3/4	140,186	3/4	128,742	3/4	117,298	3/4	105,854	3/4	94,410	3/4	82,966	3/4	71,522	3/4	60,077	3/4
11	11	151,392	11	139,948	11	128,504	11	117,060	11	105,615	11	94,171	11	82,727	11	71,283	11	59,839	11
1/4	1/4	151,153	1/4	139,709	1/4	128,265	1/4	116,821	1/4	105,377	1/4	93,933	1/4	82,489	1/4	71,045	1/4	59,601	1/4
1/2	1/2	150,915	1/2	139,471	1/2	128,027	1/2	116,583	1/2	105,139	1/2	93,695	1/2	82,250	1/2	70,806	1/2	59,362	1/2
3/4	3/4	150,677	3/4	139,232	3/4	127,788	3/4	116,344	3/4	104,900	3/4	93,456	3/4	82,012	3/4	70,568	3/4	59,124	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77568
<http://www.pmacorp.net>



BARGE "IB 1986"

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	58,885	0	47,441	0	35,998	0	24,571	0	13,127	0	1,693	0	0	0	0	0	0	0	0
1/4	58,647	47,203	35,760	24,333	12,889	1,456	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,409	46,964	35,522	24,094	12,650	1,258	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,170	46,726	35,284	23,856	12,412	1,059	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	57,932	46,488	35,046	23,617	12,174	861	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	57,693	46,249	34,808	23,379	11,935	662	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,455	46,011	34,570	23,140	11,697	543	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,216	45,772	34,332	22,902	11,458	424	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	56,978	45,534	34,094	22,664	11,220	304	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	56,740	45,296	33,856	22,425	10,982	185	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,501	45,057	33,618	22,187	10,743	145	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,263	44,819	33,380	21,948	10,505	106	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	56,024	44,580	33,143	21,710	10,266	66	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	55,786	44,342	32,905	21,472	10,028	26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,548	44,103	32,667	21,233	9,790	11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,309	43,865	32,429	20,995	9,551	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	55,071	43,627	32,191	20,756	9,313	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	54,832	43,388	31,953	20,518	9,074	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,594	43,150	31,715	20,280	8,836	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,355	42,911	31,477	20,041	8,598	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	54,117	42,673	31,239	19,803	8,359	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	53,879	42,435	31,001	19,564	8,121	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,640	42,196	30,763	19,326	7,882	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,402	41,958	30,525	19,088	7,644	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	53,163	41,719	30,287	18,849	7,405	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	52,925	41,481	30,049	18,611	7,167	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,687	41,242	29,811	18,372	6,929	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,448	41,004	29,573	18,134	6,690	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	52,210	40,766	29,335	17,895	6,452	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	51,971	40,527	29,097	17,657	6,214	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,733	40,289	28,859	17,419	5,975	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,494	40,050	28,621	17,180	5,737	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	51,256	39,812	28,383	16,942	5,498	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	51,018	39,574	28,145	16,703	5,260	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,779	39,335	27,907	16,465	5,022	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,541	39,097	27,669	16,227	4,783	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	50,302	38,858	27,431	15,988	4,545	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	50,064	38,620	27,193	15,750	4,306	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,825	38,381	26,955	15,511	4,068	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,587	38,143	26,717	15,273	3,830	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	49,349	37,905	26,478	15,035	3,591	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	49,110	37,666	26,240	14,796	3,353	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,872	37,428	26,001	14,558	3,115	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,633	37,189	25,763	14,319	2,877	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	48,395	36,951	25,525	14,081	2,640	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	48,157	36,712	25,286	13,843	2,402	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,918	36,474	25,048	13,604	2,165	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,680	36,236	24,809	13,366	1,929	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/21/2017 SW
CALCULATED: 11/21/2017 CL
PRINTED: 11/21/2017 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2017

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