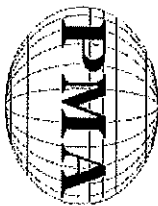


Callery



BARGE "IB 1913"

INNAGE 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	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/8	00-1/8
2 CENTER	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/4	00-1/4	-00-3/8	00-3/8	-00-3/8	00-3/8	-00-1/2	00-1/2
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 00-1/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 176'-09"

June 14, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "B 1913"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 15'-03"											
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	26	0	11,292	0	24,205	0	36,943	0	49,749	0	62,652	0	75,538	0	88,448	0	101,335	0	114,261				
1/4	71	1/4	11,561	1/4	24,474	1/4	37,205	1/4	50,018	1/4	62,921	1/4	75,807	1/4	88,717	1/4	101,624	1/4	114,530				
1/2	116	1/2	11,830	1/2	25,014	1/2	37,467	1/2	50,286	1/2	63,189	1/2	76,076	1/2	88,986	1/2	101,883	1/2	114,799				
3/4	161	3/4	12,099	3/4	25,414	3/4	37,729	3/4	50,555	3/4	63,457	3/4	76,345	3/4	89,255	3/4	102,152	3/4	115,068				
1	206	1	12,368	1	25,281	1	37,990	1	50,824	1	63,726	1	76,614	1	89,524	1	102,430	1	115,337				
1/4	341	1/4	12,637	1/4	25,550	1/4	38,252	1/4	51,093	1/4	63,994	1/4	76,883	1/4	89,793	1/4	102,659	1/4	115,606				
1/2	476	1/2	12,906	1/2	25,819	1/2	38,514	1/2	51,362	1/2	64,263	1/2	77,152	1/2	90,062	1/2	102,968	1/2	115,875				
3/4	610	3/4	13,175	3/4	26,088	3/4	38,776	3/4	51,631	3/4	64,531	3/4	77,421	3/4	90,331	3/4	103,237	3/4	116,144				
2	745	2	13,444	2	26,357	2	39,037	2	51,899	2	64,799	2	77,690	2	90,600	2	103,506	2	116,413				
1/4	969	1/4	13,713	1/4	26,626	1/4	39,301	1/4	52,168	1/4	65,068	1/4	77,959	1/4	90,869	1/4	103,774	1/4	116,682				
1/2	1,194	1/2	13,982	1/2	26,895	1/2	39,565	1/2	52,437	1/2	65,336	1/2	78,228	1/2	91,137	1/2	104,043	1/2	116,951				
3/4	1,418	3/4	14,251	3/4	27,164	3/4	39,828	3/4	52,706	3/4	65,604	3/4	78,497	3/4	91,406	3/4	104,312	3/4	117,220				
3	1,642	3	14,520	3	27,433	3	40,092	3	52,975	3	65,873	3	78,766	3	91,675	3	104,581	3	117,489				
1/4	1,906	1/4	14,789	1/4	27,702	1/4	40,356	1/4	53,244	1/4	66,141	1/4	79,035	1/4	91,944	1/4	104,849	1/4	117,758				
1/2	2,170	1/2	15,058	1/2	27,971	1/2	40,619	1/2	53,512	1/2	66,409	1/2	79,304	1/2	92,213	1/2	105,118	1/2	118,027				
3/4	2,434	3/4	15,327	3/4	28,240	3/4	40,883	3/4	53,781	3/4	66,678	3/4	79,572	3/4	92,482	3/4	105,387	3/4	118,296				
4	2,698	4	15,596	4	28,509	4	41,146	4	54,050	4	66,946	4	79,841	4	92,751	4	105,656	4	118,565				
1/4	2,964	1/4	15,865	1/4	28,778	1/4	41,415	1/4	54,319	1/4	67,214	1/4	80,110	1/4	93,020	1/4	105,924	1/4	118,834				
1/2	3,230	1/2	16,134	1/2	29,047	1/2	41,684	1/2	54,588	1/2	67,483	1/2	80,379	1/2	93,289	1/2	106,193	1/2	119,103				
3/4	3,497	3/4	16,403	3/4	29,316	3/4	41,953	3/4	54,856	3/4	67,751	3/4	80,648	3/4	93,558	3/4	106,462	3/4	119,372				
5	3,763	5	16,672	5	29,585	5	42,222	5	55,125	5	68,019	5	80,917	5	93,827	5	106,731	5	119,640				
1/4	4,031	1/4	16,941	1/4	29,854	1/4	42,491	1/4	55,394	1/4	68,288	1/4	81,186	1/4	94,096	1/4	107,000	1/4	119,909				
1/2	4,299	1/2	17,210	1/2	30,123	1/2	42,759	1/2	55,663	1/2	68,556	1/2	81,455	1/2	94,365	1/2	107,269	1/2	120,178				
3/4	4,567	3/4	17,479	3/4	30,392	3/4	43,028	3/4	55,932	3/4	68,825	3/4	81,724	3/4	94,634	3/4	107,538	3/4	120,447				
6	4,834	6	17,748	6	30,661	6	43,297	6	56,201	6	69,093	6	81,993	6	94,903	6	107,807	6	120,716				
1/4	5,103	1/4	18,017	1/4	30,923	1/4	43,566	1/4	56,469	1/4	69,361	1/4	82,262	1/4	95,172	1/4	108,075	1/4	120,985				
1/2	5,372	1/2	18,286	1/2	31,185	1/2	43,835	1/2	56,738	1/2	69,630	1/2	82,531	1/2	95,441	1/2	108,344	1/2	121,254				
3/4	5,640	3/4	18,555	3/4	31,448	3/4	44,104	3/4	57,007	3/4	69,898	3/4	82,800	3/4	95,710	3/4	108,613	3/4	121,523				
7	5,909	7	18,824	7	31,708	7	44,372	7	57,276	7	70,166	7	83,069	7	95,979	7	108,882	7	121,792				
1/4	6,178	1/4	19,093	1/4	31,970	1/4	44,641	1/4	57,545	1/4	70,435	1/4	83,338	1/4	96,248	1/4	109,151	1/4	122,061				
1/2	6,447	1/2	19,362	1/2	32,232	1/2	44,910	1/2	57,814	1/2	70,703	1/2	83,607	1/2	96,517	1/2	109,420	1/2	122,330				
3/4	6,716	3/4	19,631	3/4	32,493	3/4	45,179	3/4	58,082	3/4	70,971	3/4	83,876	3/4	96,785	3/4	109,689	3/4	122,599				
8	6,985	8	19,900	8	32,755	8	45,448	8	58,351	8	71,240	8	84,145	8	97,054	8	109,958	8	122,868				
1/4	7,254	1/4	20,169	1/4	33,017	1/4	45,716	1/4	58,620	1/4	71,508	1/4	84,414	1/4	97,323	1/4	110,227	1/4	123,137				
1/2	7,523	1/2	20,438	1/2	33,279	1/2	45,985	1/2	58,889	1/2	71,776	1/2	84,683	1/2	97,592	1/2	110,496	1/2	123,406				
3/4	7,792	3/4	20,707	3/4	33,540	3/4	46,254	3/4	59,158	3/4	72,045	3/4	84,952	3/4	97,861	3/4	110,765	3/4	123,675				
9	8,061	9	20,976	9	33,802	9	46,523	9	59,427	9	72,313	9	85,220	9	98,130	9	111,034	9	123,944				
1/4	8,331	1/4	21,245	1/4	34,064	1/4	46,792	1/4	59,695	1/4	72,581	1/4	85,489	1/4	98,399	1/4	111,303	1/4	124,211				
1/2	8,600	1/2	21,514	1/2	34,326	1/2	47,061	1/2	59,964	1/2	72,850	1/2	85,758	1/2	98,668	1/2	111,572	1/2	124,479				
3/4	8,869	3/4	21,783	3/4	34,587	3/4	47,329	3/4	60,233	3/4	73,118	3/4	86,027	3/4	98,937	3/4	111,841	3/4	124,746				
10	9,139	10	22,052	10	34,849	10	47,598	10	60,502	10	73,387	10	86,296	10	99,205	10	112,110	10	124,994				
1/4	9,408	1/4	22,322	1/4	35,111	1/4	47,867	1/4	60,771	1/4	73,655	1/4	86,565	1/4	99,474	1/4	112,379	1/4	124,638				
1/2	9,677	1/2	22,591	1/2	35,373	1/2	48,136	1/2	61,039	1/2	73,924	1/2	86,834	1/2	99,743	1/2	112,648	1/2	124,984				
3/4	9,946	3/4	22,860	3/4	35,634	3/4	48,405	3/4	61,308	3/4	74,193	3/4	87,103	3/4	100,012	3/4	112,917	3/4	125,158				
11	10,216	11	23,129	11	35,896	11	48,674	11	61,577	11	74,462	11	87,372	11	100,280	11	113,186	11	125,331				
1/4	10,485	1/4	23,398	1/4	36,158	1/4	48,942	1/4	61,846	1/4	74,731	1/4	87,641	1/4	100,549	1/4	113,455	1/4	125,505				
1/2	10,754	1/2	23,667	1/2	36,420	1/2	49,211	1/2	62,115	1/2	75,000	1/2	87,910	1/2	100,818	1/2	113,724	1/2	125,679				
3/4	11,023	3/4	23,936	3/4	36,682	3/4	49,480	3/4	62,384	3/4	75,269	3/4	88,179	3/4	101,087	3/4	113,992	3/4	125,853				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
http://www.pma.com

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD.



BARGE "IB 1913"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	126,027	134,879	142,732	151,084	159,430					
1/4	126,204	134,553	142,906	151,258	159,592					
1/2	126,375	134,727	143,080	151,432	159,766					
3/4	126,549	134,901	143,254	151,606	159,940					
1	126,723	135,075	143,428	151,780	160,114					
1 1/4	126,897	135,249	143,602	151,954	160,288					
1 1/2	127,071	135,423	143,776	152,128	160,462					
3/4	127,245	135,597	143,950	152,302	160,636					
2	127,419	135,771	144,124	152,476	160,810					
1 1/4	127,593	135,945	144,298	152,650	160,984					
1 1/2	127,767	136,119	144,472	152,824	161,158					
3/4	127,941	136,294	144,646	152,998	161,332					
3	128,115	136,468	144,820	153,172	161,506					
1 1/4	128,289	136,642	144,994	153,346	161,680					
1 1/2	128,463	136,816	145,168	153,520	161,854					
3/4	128,637	136,990	145,342	153,694	162,028					
4	128,811	137,164	145,516	153,868	162,202					
1 1/4	128,985	137,338	145,690	154,042	162,376					
1 1/2	129,159	137,512	145,864	154,216	162,550					
3/4	129,333	137,686	146,038	154,390	162,724					
5	129,507	137,860	146,212	154,564	162,898					
1 1/4	129,681	138,034	146,386	154,738	163,072					
1 1/2	129,855	138,208	146,560	154,912	163,246					
3/4	130,029	138,382	146,734	155,086	163,420					
6	130,203	138,556	146,908	155,260	163,594					
1 1/4	130,377	138,730	147,082	155,434	163,768					
1 1/2	130,551	138,904	147,256	155,608	163,942					
3/4	130,725	139,078	147,430	155,782	164,116					
7	130,899	139,252	147,604	155,956	164,290					
1 1/4	131,073	139,426	147,778	156,130	164,464					
1 1/2	131,247	139,600	147,952	156,304	164,638					
3/4	131,421	139,774	148,126	156,478	164,812					
8	131,595	139,948	148,300	156,652	164,986					
1 1/4	131,769	140,122	148,474	156,826	165,160					
1 1/2	131,943	140,296	148,648	157,000	165,334					
3/4	132,117	140,470	148,822	157,174	165,508					
9	132,291	140,644	148,996	157,348	165,682					
1 1/4	132,465	140,818	149,170	157,522	165,856					
1 1/2	132,639	140,992	149,344	157,696	166,030					
3/4	132,813	141,166	149,518	157,870	166,204					
10	132,987	141,340	149,692	158,044	166,378					
1 1/4	133,161	141,514	149,866	158,218	166,552					
1 1/2	133,335	141,688	150,040	158,392	166,726					
3/4	133,509	141,862	150,214	158,566	166,900					
11	133,683	142,036	150,388	158,739	167,074					
1 1/4	133,857	142,210	150,562	158,913	167,248					
1 1/2	134,031	142,384	150,736	159,087	167,422					
3/4	134,205	142,558	150,910	159,261	167,596					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/14/2019 JS
 CALCULATED: 06/14/2019 CL
 PRINTED: 06/14/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
 http://www.dmaacorp.net



BARGE "IB 1913"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS				GAUGE HEIGHT 15'-02 1/4"															
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26	0	10,844	0	23,259	0	35,504	0	47,807	0	60,223	0	72,638	0	85,054	0	97,469	0	109,885
1/4	69	1/4	11,102	1/4	23,517	1/4	35,756	1/4	48,086	1/4	60,481	1/4	72,897	1/4	85,312	1/4	97,728	1/4	110,143
1/2	113	1/2	11,361	1/2	23,776	1/2	36,017	1/2	48,324	1/2	60,740	1/2	73,156	1/2	85,571	1/2	97,987	1/2	110,402
3/4	156	3/4	11,619	3/4	24,035	3/4	36,259	3/4	48,583	3/4	60,999	3/4	73,414	3/4	85,830	3/4	98,245	3/4	110,661
1	199	1	11,878	1	24,293	1	36,511	1	48,842	1	61,257	1	73,673	1	86,088	1	98,504	1	110,919
1/4	328	1/4	12,137	1/4	24,552	1/4	36,762	1/4	49,100	1/4	61,516	1/4	73,931	1/4	86,347	1/4	98,763	1/4	111,178
1/2	457	1/2	12,395	1/2	24,811	1/2	37,014	1/2	49,359	1/2	61,775	1/2	74,190	1/2	86,606	1/2	99,021	1/2	111,437
3/4	587	3/4	12,654	3/4	25,069	3/4	37,265	3/4	49,618	3/4	62,033	3/4	74,449	3/4	86,864	3/4	99,280	3/4	111,695
2	716	2	12,913	2	25,328	2	37,517	2	49,876	2	62,292	2	74,707	2	87,123	2	99,539	2	111,954
1/4	931	1/4	13,171	1/4	25,586	1/4	37,769	1/4	50,135	1/4	62,551	1/4	74,966	1/4	87,382	1/4	99,797	1/4	112,213
1/2	1,146	1/2	13,430	1/2	25,845	1/2	38,020	1/2	50,394	1/2	62,809	1/2	75,225	1/2	87,640	1/2	100,056	1/2	112,471
3/4	1,362	3/4	13,689	3/4	26,104	3/4	38,272	3/4	50,652	3/4	63,068	3/4	75,483	3/4	87,899	3/4	100,315	3/4	112,730
3	1,577	3	13,947	3	26,362	3	38,523	3	50,911	3	63,327	3	75,742	3	88,158	3	100,573	3	112,989
1/4	1,830	1/4	14,206	1/4	26,621	1/4	38,775	1/4	51,170	1/4	63,585	1/4	76,001	1/4	88,416	1/4	100,832	1/4	113,247
1/2	2,083	1/2	14,465	1/2	26,880	1/2	39,027	1/2	51,428	1/2	63,844	1/2	76,259	1/2	88,675	1/2	101,090	1/2	113,506
3/4	2,337	3/4	14,723	3/4	27,138	3/4	39,278	3/4	51,687	3/4	64,103	3/4	76,518	3/4	88,934	3/4	101,349	3/4	113,765
4	2,590	4	14,982	4	27,397	4	39,530	4	51,946	4	64,361	4	76,777	4	89,192	4	101,608	4	114,023
1/4	2,845	1/4	15,241	1/4	27,656	1/4	39,789	1/4	52,204	1/4	64,620	1/4	77,035	1/4	89,451	1/4	101,866	1/4	114,282
1/2	3,101	1/2	15,499	1/2	27,914	1/2	40,047	1/2	52,463	1/2	64,878	1/2	77,294	1/2	89,710	1/2	102,125	1/2	114,541
3/4	3,357	3/4	15,758	3/4	28,173	3/4	40,306	3/4	52,722	3/4	65,137	3/4	77,553	3/4	89,968	3/4	102,384	3/4	114,799
5	3,612	5	16,015	5	28,432	5	40,565	5	52,980	5	65,396	5	77,811	5	90,227	5	102,642	5	115,058
1/4	3,869	1/4	16,275	1/4	28,690	1/4	40,823	1/4	53,239	1/4	65,654	1/4	78,070	1/4	90,486	1/4	102,901	1/4	115,317
1/2	4,126	1/2	16,534	1/2	28,949	1/2	41,082	1/2	53,498	1/2	65,913	1/2	78,329	1/2	90,744	1/2	103,160	1/2	115,575
3/4	4,383	3/4	16,792	3/4	29,208	3/4	41,341	3/4	53,756	3/4	66,172	3/4	78,587	3/4	91,003	3/4	103,418	3/4	115,834
1/4	4,640	1/4	17,051	1/4	29,466	1/4	41,599	1/4	54,015	1/4	66,430	1/4	78,846	1/4	91,262	1/4	103,677	1/4	116,093
1/2	4,898	1/2	17,310	1/2	29,725	1/2	41,858	1/2	54,274	1/2	66,689	1/2	79,105	1/2	91,520	1/2	103,936	1/2	116,351
3/4	5,156	3/4	17,568	3/4	29,989	3/4	42,117	3/4	54,532	3/4	66,948	3/4	79,363	3/4	91,779	3/4	104,194	3/4	116,610
7	5,414	7	17,827	7	30,247	7	42,375	7	54,791	7	67,205	7	79,622	7	92,037	7	104,453	7	116,869
1/4	5,672	1/4	18,086	1/4	30,506	1/4	42,634	1/4	55,050	1/4	67,465	1/4	79,881	1/4	92,296	1/4	104,712	1/4	117,127
1/2	5,930	1/2	18,344	1/2	30,764	1/2	42,893	1/2	55,308	1/2	67,724	1/2	80,139	1/2	92,555	1/2	104,970	1/2	117,386
3/4	6,189	3/4	18,603	3/4	30,976	3/4	43,151	3/4	55,567	3/4	67,982	3/4	80,398	3/4	92,813	3/4	105,229	3/4	117,645
8	6,447	8	18,862	8	31,227	8	43,410	8	55,825	8	68,241	8	80,657	8	93,072	8	105,488	8	117,903
1/4	6,705	1/4	19,120	1/4	31,479	1/4	43,669	1/4	56,084	1/4	68,500	1/4	80,915	1/4	93,331	1/4	105,746	1/4	118,162
1/2	6,964	1/2	19,379	1/2	31,730	1/2	43,927	1/2	56,343	1/2	68,758	1/2	81,174	1/2	93,589	1/2	106,005	1/2	118,421
3/4	7,223	3/4	19,638	3/4	31,982	3/4	44,186	3/4	56,601	3/4	69,017	3/4	81,433	3/4	93,848	3/4	106,264	3/4	118,679
9	7,481	9	19,896	9	32,234	9	44,445	9	56,860	9	69,276	9	81,691	9	94,107	9	106,522	9	118,938
1/4	7,740	1/4	20,155	1/4	32,485	1/4	44,703	1/4	57,119	1/4	69,534	1/4	81,950	1/4	94,365	1/4	106,781	1/4	119,196
1/2	7,998	1/2	20,414	1/2	32,737	1/2	44,962	1/2	57,377	1/2	69,793	1/2	82,209	1/2	94,624	1/2	107,040	1/2	119,455
3/4	8,257	3/4	20,672	3/4	32,988	3/4	45,221	3/4	57,636	3/4	70,052	3/4	82,467	3/4	94,883	3/4	107,298	3/4	119,714
10	8,516	10	20,931	10	33,240	10	45,479	10	57,895	10	70,310	10	82,726	10	95,141	10	107,557	10	119,972
1/4	8,774	1/4	21,189	1/4	33,492	1/4	45,738	1/4	58,153	1/4	70,569	1/4	82,984	1/4	95,400	1/4	107,816	1/4	120,230
1/2	9,033	1/2	21,448	1/2	33,743	1/2	45,997	1/2	58,412	1/2	70,828	1/2	83,243	1/2	95,659	1/2	108,074	1/2	120,490
3/4	9,292	3/4	21,707	3/4	33,995	3/4	46,255	3/4	58,671	3/4	71,086	3/4	83,502	3/4	95,917	3/4	108,333	3/4	120,748
11	9,550	11	21,965	11	34,246	11	46,514	11	58,929	11	71,345	11	83,760	11	96,176	11	108,592	11	121,007
1/4	9,809	1/4	22,224	1/4	34,498	1/4	46,772	1/4	59,188	1/4	71,604	1/4	84,019	1/4	96,435	1/4	108,850	1/4	121,266
1/2	10,068	1/2	22,483	1/2	34,749	1/2	47,031	1/2	59,447	1/2	71,862	1/2	84,278	1/2	96,693	1/2	109,109	1/2	121,524
3/4	10,326	3/4	22,741	3/4	35,001	3/4	47,290	3/4	59,705	3/4	72,121	3/4	84,536	3/4	96,952	3/4	109,368	3/4	121,783
12	10,585	12	23,000	12	35,253	12	47,548	12	59,964	12	72,380	12	84,795	12	97,211	12	109,626	12	122,042

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1913"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	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	122,300	0	134,716	0	147,131	0	159,547	0	171,957	0	184,373	0	196,788	0	209,204	0	221,619	0	234,035	0
1/4	122,559	1/4	134,975	1/4	147,390	1/4	159,806	1/4	172,203	1/4	184,619	1/4	197,035	1/4	209,450	1/4	221,866	1/4	234,282	1/4
1/2	122,818	1/2	135,233	1/2	147,649	1/2	160,064	1/2	172,450	1/2	184,866	1/2	197,282	1/2	209,697	1/2	222,113	1/2	234,529	1/2
3/4	123,076	3/4	135,492	3/4	147,907	3/4	160,323	3/4	172,696	3/4	185,072	3/4	197,448	3/4	209,824	3/4	222,200	3/4	234,576	3/4
1	123,335	1	135,751	1	148,166	1	160,582	1	172,943	1	185,304	1	197,665	1	210,026	1	222,387	1	234,733	1
1/4	123,594	1/4	136,009	1/4	148,425	1/4	160,840	1/4	173,115	1/4	185,491	1/4	197,866	1/4	210,242	1/4	222,613	1/4	234,940	1/4
1/2	123,852	1/2	136,268	1/2	148,683	1/2	161,099	1/2	173,288	1/2	185,666	1/2	198,042	1/2	210,418	1/2	222,789	1/2	235,106	1/2
3/4	124,111	3/4	136,527	3/4	148,942	3/4	161,358	3/4	173,480	3/4	185,856	3/4	198,228	3/4	210,594	3/4	222,965	3/4	235,264	3/4
2	124,370	2	136,785	2	149,201	2	161,616	2	173,632	2	186,048	2	198,464	2	210,770	2	223,181	2	235,422	2
1/4	124,628	1/4	137,044	1/4	149,459	1/4	161,875	1/4	173,719	1/4	186,135	1/4	198,551	1/4	210,926	1/4	223,337	1/4	235,580	1/4
1/2	124,887	1/2	137,302	1/2	149,718	1/2	162,134	1/2	173,805	1/2	186,161	1/2	198,577	1/2	211,082	1/2	223,493	1/2	235,738	1/2
3/4	125,146	3/4	137,561	3/4	149,977	3/4	162,392	3/4	173,891	3/4	186,218	3/4	198,634	3/4	211,238	3/4	223,649	3/4	235,896	3/4
3	125,404	3	137,820	3	150,235	3	162,651	3	173,977	3	186,285	3	198,690	3	211,394	3	223,805	3	236,054	3
1/4	125,663	1/4	138,078	1/4	150,494	1/4	162,910	1/4	173,999	1/4	186,341	1/4	198,746	1/4	211,550	1/4	223,961	1/4	236,212	1/4
1/2	125,922	1/2	138,337	1/2	150,753	1/2	163,168	1/2	174,020	1/2	186,397	1/2	198,792	1/2	211,706	1/2	224,117	1/2	236,370	1/2
3/4	126,180	3/4	138,596	3/4	151,011	3/4	163,427	3/4	174,020	3/4	186,406	3/4	198,848	3/4	211,862	3/4	224,273	3/4	236,528	3/4
4	126,439	4	138,854	4	151,270	4	163,686	4	173,999	4	186,465	4	198,904	4	211,918	4	224,329	4	236,686	4
1/4	126,698	1/4	139,113	1/4	151,529	1/4	163,944	1/4	173,944	1/4	186,524	1/4	199,060	1/4	212,074	1/4	224,385	1/4	236,844	1/4
1/2	126,956	1/2	139,372	1/2	151,787	1/2	164,203	1/2	173,891	1/2	186,583	1/2	199,116	1/2	212,130	1/2	224,441	1/2	236,902	1/2
3/4	127,215	3/4	139,630	3/4	152,046	3/4	164,462	3/4	173,891	3/4	186,642	3/4	199,172	3/4	212,186	3/4	224,497	3/4	237,060	3/4
5	127,474	5	139,889	5	152,305	5	164,720	5	173,891	5	186,701	5	199,228	5	212,242	5	224,553	5	237,118	5
1/4	127,732	1/4	140,148	1/4	152,563	1/4	164,979	1/4	173,891	1/4	186,757	1/4	199,284	1/4	212,298	1/4	224,609	1/4	237,176	1/4
1/2	127,991	1/2	140,406	1/2	152,822	1/2	165,237	1/2	173,891	1/2	186,813	1/2	199,340	1/2	212,354	1/2	224,665	1/2	237,234	1/2
3/4	128,249	3/4	140,665	3/4	153,081	3/4	165,496	3/4	173,891	3/4	186,869	3/4	199,396	3/4	212,410	3/4	224,721	3/4	237,292	3/4
6	128,508	6	140,924	6	153,339	6	165,755	6	173,891	6	186,925	6	199,452	6	212,466	6	224,777	6	237,350	6
1/4	128,767	1/4	141,182	1/4	153,598	1/4	166,013	1/4	173,891	1/4	186,981	1/4	199,508	1/4	212,522	1/4	224,833	1/4	237,408	1/4
1/2	129,025	1/2	141,441	1/2	153,857	1/2	166,272	1/2	173,891	1/2	187,037	1/2	199,564	1/2	212,578	1/2	224,889	1/2	237,466	1/2
3/4	129,284	3/4	141,700	3/4	154,115	3/4	166,531	3/4	173,891	3/4	187,093	3/4	199,620	3/4	212,634	3/4	224,945	3/4	237,524	3/4
7	129,543	7	141,958	7	154,374	7	166,789	7	173,891	7	187,149	7	199,676	7	212,690	7	224,999	7	237,582	7
1/4	129,801	1/4	142,217	1/4	154,633	1/4	167,048	1/4	173,891	1/4	187,205	1/4	199,732	1/4	212,746	1/4	225,055	1/4	237,640	1/4
1/2	130,060	1/2	142,476	1/2	154,891	1/2	167,307	1/2	173,891	1/2	187,261	1/2	199,788	1/2	212,802	1/2	225,111	1/2	237,698	1/2
3/4	130,319	3/4	142,734	3/4	155,150	3/4	167,565	3/4	173,891	3/4	187,317	3/4	199,844	3/4	212,858	3/4	225,167	3/4	237,756	3/4
8	130,577	8	142,993	8	155,408	8	167,824	8	173,891	8	187,373	8	199,900	8	212,914	8	225,223	8	237,814	8
1/4	130,836	1/4	143,252	1/4	155,667	1/4	168,083	1/4	173,891	1/4	187,429	1/4	199,956	1/4	212,970	1/4	225,279	1/4	237,872	1/4
1/2	131,095	1/2	143,510	1/2	155,926	1/2	168,341	1/2	173,891	1/2	187,485	1/2	199,999	1/2	213,026	1/2	225,335	1/2	237,930	1/2
3/4	131,353	3/4	143,769	3/4	156,184	3/4	168,600	3/4	173,891	3/4	187,541	3/4	200,055	3/4	213,082	3/4	225,391	3/4	237,988	3/4
9	131,612	9	144,028	9	156,443	9	168,859	9	173,891	9	187,597	9	200,111	9	213,138	9	225,447	9	238,046	9
1/4	131,871	1/4	144,286	1/4	156,702	1/4	169,117	1/4	173,891	1/4	187,653	1/4	200,167	1/4	213,194	1/4	225,503	1/4	238,104	1/4
1/2	132,129	1/2	144,545	1/2	156,960	1/2	169,376	1/2	173,891	1/2	187,709	1/2	200,223	1/2	213,250	1/2	225,559	1/2	238,162	1/2
3/4	132,388	3/4	144,804	3/4	157,219	3/4	169,635	3/4	173,891	3/4	187,765	3/4	200,279	3/4	213,306	3/4	225,615	3/4	238,220	3/4
10	132,647	10	145,062	10	157,478	10	169,893	10	173,891	10	187,821	10	200,335	10	213,362	10	225,671	10	238,278	10
1/4	132,905	1/4	145,321	1/4	157,736	1/4	170,152	1/4	173,891	1/4	187,877	1/4	200,391	1/4	213,418	1/4	225,727	1/4	238,336	1/4
1/2	133,164	1/2	145,580	1/2	157,995	1/2	170,410	1/2	173,891	1/2	187,933	1/2	200,447	1/2	213,474	1/2	225,783	1/2	238,394	1/2
3/4	133,423	3/4	145,838	3/4	158,254	3/4	170,669	3/4	173,891	3/4	187,989	3/4	200,503	3/4	213,530	3/4	225,839	3/4	238,452	3/4
11	133,681	11	146,097	11	158,512	11	170,927	11	173,891	11	188,045	11	200,559	11	213,586	11	225,895	11	238,510	11
1/4	133,940	1/4	146,355	1/4	158,771	1/4	171,184	1/4	173,891	1/4	188,101	1/4	200,615	1/4	213,642	1/4	225,951	1/4	238,568	1/4
1/2	134,199	1/2	146,614	1/2	159,030	1/2	171,442	1/2	173,891	1/2	188,157	1/2	200,671	1/2	213,698	1/2	226,007	1/2	238,626	1/2
3/4	134,457	3/4	146,873	3/4	159,288	3/4	171,699	3/4	173,891	3/4	188,213	3/4	200,727	3/4	213,754	3/4	226,063	3/4	238,684	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/14/2019 JS
 CALCULATED: 06/14/2019 CL
 PRINTED: 06/14/2019 CL
 CANCELLED AND SUPERCEDES
 ALL PRIOR TO 06/20/19

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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



BARGE "B 1913"

3 CENTER INNAGE TABLE

CAPACITIES IN WHOLE GALLONS												GAUGE HEIGHT 15'-02 1/2"											
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.				
0	26	0	10,773	0	23,107	0	35,430	0	47,757	0	60,092	0	72,426	0	84,760	0	97,094	0	109,429				
1/4	69	1/4	11,030	1/4	23,364	1/4	35,686	1/4	48,014	1/4	60,348	1/4	72,683	1/4	85,017	1/4	97,351	1/4	109,686				
1/2	112	1/2	11,287	1/2	23,620	1/2	35,943	1/2	48,271	1/2	60,605	1/2	72,940	1/2	85,274	1/2	97,608	1/2	109,943				
3/4	155	3/4	11,544	3/4	23,877	3/4	36,199	3/4	48,528	3/4	60,862	3/4	73,197	3/4	85,531	3/4	97,865	3/4	110,200				
1	198	1	11,801	1	24,134	1	36,456	1	48,785	1	61,119	1	73,454	1	85,788	1	98,122	1	110,456				
1/4	326	1/4	12,057	1/4	24,391	1/4	36,712	1/4	49,042	1/4	61,376	1/4	73,711	1/4	86,045	1/4	98,379	1/4	110,713				
1/2	464	1/2	12,314	1/2	24,648	1/2	36,969	1/2	49,299	1/2	61,633	1/2	73,968	1/2	86,302	1/2	98,636	1/2	110,970				
3/4	583	3/4	12,571	3/4	24,905	3/4	37,225	3/4	49,556	3/4	61,890	3/4	74,225	3/4	86,559	3/4	98,893	3/4	111,227				
2	711	2	12,828	2	25,162	2	37,482	2	49,813	2	62,147	2	74,482	2	86,816	2	99,150	2	111,484				
1/4	925	1/4	13,085	1/4	25,419	1/4	37,738	1/4	50,070	1/4	62,404	1/4	74,738	1/4	87,073	1/4	99,407	1/4	111,741				
1/2	1,139	1/2	13,342	1/2	25,676	1/2	37,995	1/2	50,327	1/2	62,661	1/2	74,995	1/2	87,330	1/2	99,664	1/2	111,998				
3/4	1,353	3/4	13,599	3/4	25,933	3/4	38,252	3/4	50,584	3/4	62,918	3/4	75,252	3/4	87,587	3/4	99,921	3/4	112,255				
3	1,566	3	13,856	3	26,190	3	38,508	3	50,841	3	63,175	3	75,509	3	87,844	3	100,178	3	112,512				
1/4	1,818	1/4	14,113	1/4	26,447	1/4	38,765	1/4	51,098	1/4	63,432	1/4	75,766	1/4	88,101	1/4	100,435	1/4	112,769				
1/2	2,070	1/2	14,370	1/2	26,704	1/2	39,021	1/2	51,355	1/2	63,689	1/2	76,023	1/2	88,358	1/2	100,692	1/2	113,026				
3/4	2,321	3/4	14,627	3/4	26,961	3/4	39,278	3/4	51,612	3/4	63,946	3/4	76,280	3/4	88,615	3/4	100,949	3/4	113,283				
4	2,573	4	14,884	4	27,218	4	39,534	4	51,869	4	64,203	4	76,537	4	88,872	4	101,206	4	113,540				
1/4	2,827	1/4	15,141	1/4	27,475	1/4	39,791	1/4	52,126	1/4	64,460	1/4	76,794	1/4	89,128	1/4	101,463	1/4	113,797				
1/2	3,081	1/2	15,398	1/2	27,732	1/2	40,048	1/2	52,383	1/2	64,717	1/2	77,051	1/2	89,385	1/2	101,720	1/2	114,054				
3/4	3,335	3/4	15,655	3/4	27,989	3/4	40,305	3/4	52,640	3/4	64,974	3/4	77,308	3/4	89,642	3/4	101,977	3/4	114,311				
5	3,589	5	15,912	5	28,246	5	40,562	5	52,897	5	65,231	5	77,565	5	89,899	5	102,234	5	114,568				
1/4	3,844	1/4	16,169	1/4	28,503	1/4	40,819	1/4	53,153	1/4	65,488	1/4	77,822	1/4	90,156	1/4	102,491	1/4	114,825				
1/2	4,100	1/2	16,426	1/2	28,760	1/2	41,076	1/2	53,410	1/2	65,745	1/2	78,079	1/2	90,413	1/2	102,748	1/2	115,082				
3/4	4,355	3/4	16,683	3/4	29,017	3/4	41,333	3/4	53,667	3/4	66,002	3/4	78,336	3/4	90,670	3/4	103,005	3/4	115,339				
6	4,610	6	16,940	6	29,273	6	41,590	6	53,924	6	66,259	6	78,593	6	90,927	6	103,261	6	115,596				
1/4	4,866	1/4	17,197	1/4	29,530	1/4	41,847	1/4	54,181	1/4	66,516	1/4	78,850	1/4	91,184	1/4	103,518	1/4	115,853				
1/2	5,123	1/2	17,454	1/2	29,786	1/2	42,104	1/2	54,438	1/2	66,773	1/2	79,107	1/2	91,441	1/2	103,775	1/2	116,110				
3/4	5,379	3/4	17,710	3/4	30,043	3/4	42,361	3/4	54,695	3/4	67,030	3/4	79,364	3/4	91,698	3/4	104,032	3/4	116,367				
7	5,635	7	17,967	7	30,300	7	42,618	7	54,952	7	67,287	7	79,621	7	91,955	7	104,289	7	116,624				
1/4	5,892	1/4	18,224	1/4	30,556	1/4	42,875	1/4	55,209	1/4	67,543	1/4	79,878	1/4	92,212	1/4	104,546	1/4	116,881				
1/2	6,148	1/2	18,481	1/2	30,813	1/2	43,132	1/2	55,466	1/2	67,800	1/2	80,135	1/2	92,469	1/2	104,803	1/2	117,138				
3/4	6,405	3/4	18,738	3/4	31,069	3/4	43,389	3/4	55,723	3/4	68,057	3/4	80,392	3/4	92,726	3/4	105,060	3/4	117,395				
8	6,662	8	18,995	8	31,326	8	43,646	8	55,980	8	68,314	8	80,649	8	92,983	8	105,317	8	117,651				
1/4	6,919	1/4	19,252	1/4	31,582	1/4	43,903	1/4	56,237	1/4	68,571	1/4	80,906	1/4	93,240	1/4	105,574	1/4	117,908				
1/2	7,175	1/2	19,509	1/2	31,839	1/2	44,160	1/2	56,494	1/2	68,828	1/2	81,163	1/2	93,497	1/2	105,831	1/2	118,165				
3/4	7,432	3/4	19,766	3/4	32,095	3/4	44,417	3/4	56,751	3/4	69,085	3/4	81,420	3/4	93,754	3/4	106,088	3/4	118,422				
9	7,689	9	20,023	9	32,352	9	44,674	9	57,008	9	69,342	9	81,677	9	94,011	9	106,345	9	118,679				
1/4	7,946	1/4	20,280	1/4	32,608	1/4	44,931	1/4	57,265	1/4	69,599	1/4	81,933	1/4	94,268	1/4	106,602	1/4	118,936				
1/2	8,203	1/2	20,537	1/2	32,865	1/2	45,188	1/2	57,522	1/2	69,856	1/2	82,190	1/2	94,525	1/2	106,859	1/2	119,193				
3/4	8,460	3/4	20,794	3/4	33,121	3/4	45,445	3/4	57,779	3/4	70,113	3/4	82,447	3/4	94,782	3/4	107,116	3/4	119,450				
10	8,717	10	21,051	10	33,378	10	45,702	10	58,036	10	70,370	10	82,704	10	95,039	10	107,373	10	119,707				
1/4	8,974	1/4	21,308	1/4	33,634	1/4	45,958	1/4	58,293	1/4	70,627	1/4	82,961	1/4	95,296	1/4	107,630	1/4	119,964				
1/2	9,231	1/2	21,565	1/2	33,891	1/2	46,215	1/2	58,550	1/2	70,884	1/2	83,218	1/2	95,553	1/2	107,887	1/2	120,221				
3/4	9,488	3/4	21,822	3/4	34,147	3/4	46,472	3/4	58,807	3/4	71,141	3/4	83,475	3/4	95,810	3/4	108,144	3/4	120,478				
11	9,745	11	22,079	11	34,404	11	46,729	11	59,064	11	71,398	11	83,732	11	96,066	11	108,401	11	120,735				
1/4	10,002	1/4	22,336	1/4	34,660	1/4	46,986	1/4	59,321	1/4	71,655	1/4	83,989	1/4	96,323	1/4	108,658	1/4	120,992				
1/2	10,259	1/2	22,593	1/2	34,917	1/2	47,243	1/2	59,578	1/2	71,912	1/2	84,246	1/2	96,580	1/2	108,915	1/2	121,249				
3/4	10,516	3/4	22,850	3/4	35,173	3/4	47,500	3/4	59,835	3/4	72,169	3/4	84,503	3/4	96,837	3/4	109,172	3/4	121,506				

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-0" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1913"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

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	121,763	0	134,097	0	146,431	0	158,766	0	171,094	0	0	0	0	0	0	0	0	0	0
1/4	122,020	1/4	134,354	1/4	146,688	1/4	159,023	1/4	171,339	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,277	1/2	134,611	1/2	146,945	1/2	159,280	1/2	171,584	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,534	3/4	134,868	3/4	147,202	3/4	159,537	3/4	171,829	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	122,791	1	135,125	1	147,459	1	159,794	1	172,074	1	1	1	1	1	1	1	1	1	1
1/4	123,048	1/4	135,382	1/4	147,716	1/4	160,051	1/4	172,245	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,305	1/2	135,639	1/2	147,973	1/2	160,308	1/2	172,416	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,562	3/4	135,896	3/4	148,230	3/4	160,564	3/4	172,588	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	123,819	2	136,153	2	148,487	2	160,821	2	172,759	2	2	2	2	2	2	2	2	2	2
1/4	124,076	1/4	136,410	1/4	148,744	1/4	161,078	1/4	172,845	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,333	1/2	136,667	1/2	149,001	1/2	161,335	1/2	172,930	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,590	3/4	136,924	3/4	149,258	3/4	161,592	3/4	173,016	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	124,846	3	137,181	3	149,515	3	161,849	3	173,102	3	3	3	3	3	3	3	3	3	3
1/4	125,103	1/4	137,438	1/4	149,772	1/4	162,106	1/4	173,184	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,360	1/2	137,695	1/2	150,029	1/2	162,363	1/2	173,266	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,617	3/4	137,952	3/4	150,286	3/4	162,620	3/4	173,348	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	125,874	4	138,209	4	150,543	4	162,877	4	173,430	4	4	4	4	4	4	4	4	4	4
1/4	126,131	1/4	138,466	1/4	150,800	1/4	163,134	1/4	173,512	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,388	1/2	138,723	1/2	151,057	1/2	163,391	1/2	173,594	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,645	3/4	138,980	3/4	151,314	3/4	163,648	3/4	173,676	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	126,902	5	139,237	5	151,571	5	163,905	5	173,758	5	5	5	5	5	5	5	5	5	5
1/4	127,159	1/4	139,493	1/4	151,828	1/4	164,162	1/4	173,840	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,416	1/2	139,750	1/2	152,085	1/2	164,419	1/2	173,922	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,673	3/4	140,007	3/4	152,342	3/4	164,676	3/4	174,004	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	127,930	6	140,264	6	152,599	6	164,933	6	174,086	6	6	6	6	6	6	6	6	6	6
1/4	128,187	1/4	140,521	1/4	152,856	1/4	165,190	1/4	174,168	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,444	1/2	140,778	1/2	153,113	1/2	165,447	1/2	174,250	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,701	3/4	141,035	3/4	153,369	3/4	165,704	3/4	174,332	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	128,958	7	141,292	7	153,626	7	165,961	7	174,414	7	7	7	7	7	7	7	7	7	7
1/4	129,215	1/4	141,549	1/4	153,883	1/4	166,218	1/4	174,496	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,472	1/2	141,806	1/2	154,140	1/2	166,475	1/2	174,578	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,729	3/4	142,063	3/4	154,397	3/4	166,732	3/4	174,660	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	129,986	8	142,320	8	154,654	8	166,989	8	174,742	8	8	8	8	8	8	8	8	8	8
1/4	130,243	1/4	142,577	1/4	154,911	1/4	167,246	1/4	174,824	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	130,500	1/2	142,834	1/2	155,168	1/2	167,503	1/2	174,906	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130,757	3/4	143,091	3/4	155,425	3/4	167,759	3/4	174,988	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	131,014	9	143,348	9	155,682	9	168,016	9	175,070	9	9	9	9	9	9	9	9	9	9
1/4	131,271	1/4	143,605	1/4	155,939	1/4	168,273	1/4	175,152	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	131,528	1/2	143,862	1/2	156,196	1/2	168,530	1/2	175,234	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	131,785	3/4	144,119	3/4	156,453	3/4	168,787	3/4	175,316	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	132,041	10	144,376	10	156,710	10	169,044	10	175,398	10	10	10	10	10	10	10	10	10	10
1/4	132,298	1/4	144,633	1/4	156,967	1/4	169,301	1/4	175,480	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	132,555	1/2	144,890	1/2	157,224	1/2	169,558	1/2	175,562	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132,812	3/4	145,147	3/4	157,481	3/4	169,814	3/4	175,644	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	133,069	11	145,404	11	157,738	11	170,071	11	175,726	11	11	11	11	11	11	11	11	11	11
1/4	133,326	1/4	145,661	1/4	157,995	1/4	170,327	1/4	175,808	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	133,583	1/2	145,918	1/2	158,252	1/2	170,583	1/2	175,890	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	133,840	3/4	146,174	3/4	158,509	3/4	170,839	3/4	175,972	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.

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 CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/20/19

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2082
 Pearland, Texas 77588
 http://www.pmaacorp.net