



BARGE "IB 1986"

INNAGE 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)

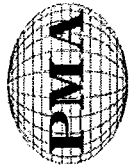
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

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 INNAGE 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	10,183	0	22,194	0	34,044	0	45,943	0	57,947	0	69,933	0	81,943	0	93,953	0	105,963	0
1/4	1/4	10,433	1/4	22,444	1/4	34,287	1/4	46,194	1/4	58,197	1/4	70,184	1/4	82,194	1/4	94,203	1/4	106,213	1/4
1/2	1/2	10,684	1/2	22,694	1/2	34,531	1/2	46,444	1/2	58,444	1/2	70,434	1/2	82,444	1/2	94,454	1/2	106,463	1/2
3/4	3/4	10,934	3/4	22,944	3/4	34,775	3/4	46,594	3/4	58,696	3/4	70,684	3/4	82,694	3/4	94,704	3/4	106,713	3/4
1	1	11,184	1	23,195	1	35,018	1	46,944	1	58,946	1	70,934	1	82,944	1	94,954	1	106,964	1
1/4	1/4	11,434	1/4	23,445	1/4	35,262	1/4	47,194	1/4	59,195	1/4	71,184	1/4	83,194	1/4	95,204	1/4	107,214	1/4
1/2	1/2	11,684	1/2	23,695	1/2	35,505	1/2	47,444	1/2	59,445	1/2	71,435	1/2	83,445	1/2	95,454	1/2	107,464	1/2
3/4	3/4	11,935	3/4	23,945	3/4	35,749	3/4	47,694	3/4	59,695	3/4	71,685	3/4	83,695	3/4	95,704	3/4	107,714	3/4
2	2	12,185	2	24,195	2	35,992	2	47,944	2	59,944	2	71,935	2	83,945	2	95,955	2	107,964	2
1/4	1/4	12,435	1/4	24,446	1/4	36,236	1/4	48,194	1/4	60,194	1/4	72,185	1/4	84,195	1/4	96,205	1/4	108,215	1/4
1/2	1/2	12,685	1/2	24,696	1/2	36,479	1/2	48,444	1/2	60,443	1/2	72,435	1/2	84,446	1/2	96,455	1/2	108,465	1/2
3/4	3/4	12,936	3/4	24,946	3/4	36,723	3/4	48,694	3/4	60,693	3/4	72,686	3/4	84,696	3/4	96,705	3/4	108,715	3/4
3	3	13,186	3	25,196	3	36,967	3	48,944	3	60,943	3	72,936	3	84,946	3	96,955	3	108,965	3
1/4	1/4	13,436	1/4	25,447	1/4	37,210	1/4	49,194	1/4	61,192	1/4	73,186	1/4	85,196	1/4	97,206	1/4	109,215	1/4
1/2	1/2	13,687	1/2	25,697	1/2	37,454	1/2	49,445	1/2	61,442	1/2	73,436	1/2	85,446	1/2	97,456	1/2	109,466	1/2
3/4	3/4	13,937	3/4	25,947	3/4	37,697	3/4	49,695	3/4	61,691	3/4	73,687	3/4	85,697	3/4	97,706	3/4	109,716	3/4
4	4	14,187	4	26,197	4	37,941	4	49,945	4	61,941	4	73,937	4	85,947	4	97,956	4	109,966	4
1/4	1/4	14,437	1/4	26,447	1/4	38,191	1/4	50,195	1/4	62,191	1/4	74,187	1/4	86,197	1/4	98,206	1/4	110,216	1/4
1/2	1/2	14,687	1/2	26,698	1/2	38,441	1/2	50,445	1/2	62,440	1/2	74,437	1/2	86,447	1/2	98,457	1/2	110,467	1/2
3/4	3/4	14,937	3/4	26,948	3/4	38,691	3/4	50,695	3/4	62,690	3/4	74,687	3/4	86,697	3/4	98,707	3/4	110,717	3/4
5	5	15,188	5	27,198	5	38,941	5	50,945	5	62,939	5	74,938	5	86,948	5	98,957	5	110,967	5
1/4	1/4	15,438	1/4	27,448	1/4	39,191	1/4	51,195	1/4	63,189	1/4	75,188	1/4	87,198	1/4	99,207	1/4	111,217	1/4
1/2	1/2	15,688	1/2	27,699	1/2	39,441	1/2	51,445	1/2	63,439	1/2	75,438	1/2	87,448	1/2	99,457	1/2	111,467	1/2
3/4	3/4	15,938	3/4	27,949	3/4	39,691	3/4	51,695	3/4	63,688	3/4	75,688	3/4	87,698	3/4	99,707	3/4	111,718	3/4
6	6	16,188	6	28,199	6	39,941	6	51,945	6	63,938	6	75,938	6	87,948	6	99,958	6	111,968	6
1/4	1/4	16,439	1/4	28,449	1/4	40,192	1/4	52,195	1/4	64,188	1/4	76,189	1/4	88,199	1/4	100,208	1/4	112,218	1/4
1/2	1/2	16,689	1/2	28,699	1/2	40,442	1/2	52,446	1/2	64,437	1/2	76,439	1/2	88,449	1/2	100,458	1/2	112,468	1/2
3/4	3/4	16,939	3/4	28,949	3/4	40,692	3/4	52,696	3/4	64,687	3/4	76,689	3/4	88,699	3/4	100,708	3/4	112,718	3/4
7	7	17,189	7	29,173	7	40,942	7	52,946	7	64,936	7	76,939	7	88,949	7	100,959	7	112,969	7
1/4	1/4	17,440	1/4	29,423	1/4	41,192	1/4	53,196	1/4	65,186	1/4	77,189	1/4	89,200	1/4	101,209	1/4	113,219	1/4
1/2	1/2	17,690	1/2	29,673	1/2	41,442	1/2	53,446	1/2	65,436	1/2	77,440	1/2	89,450	1/2	101,459	1/2	113,469	1/2
3/4	3/4	17,940	3/4	29,923	3/4	41,692	3/4	53,696	3/4	65,685	3/4	77,690	3/4	89,700	3/4	101,709	3/4	113,719	3/4
8	8	18,190	8	30,147	8	41,942	8	53,946	8	65,935	8	77,940	8	89,950	8	101,959	8	113,969	8
1/4	1/4	18,440	1/4	30,397	1/4	42,192	1/4	54,196	1/4	66,184	1/4	78,190	1/4	90,200	1/4	102,210	1/4	114,220	1/4
1/2	1/2	18,691	1/2	30,647	1/2	42,442	1/2	54,446	1/2	66,434	1/2	78,441	1/2	90,451	1/2	102,460	1/2	114,470	1/2
3/4	3/4	18,941	3/4	30,897	3/4	42,692	3/4	54,696	3/4	66,684	3/4	78,691	3/4	90,701	3/4	102,710	3/4	114,720	3/4
9	9	19,191	9	31,121	9	42,942	9	54,946	9	66,933	9	78,941	9	90,951	9	102,960	9	114,970	9
1/4	1/4	19,441	1/4	31,371	1/4	43,192	1/4	55,196	1/4	67,183	1/4	79,191	1/4	91,201	1/4	103,210	1/4	115,221	1/4
1/2	1/2	19,692	1/2	31,621	1/2	43,442	1/2	55,447	1/2	67,432	1/2	79,441	1/2	91,451	1/2	103,461	1/2	115,471	1/2
3/4	3/4	19,942	3/4	31,871	3/4	43,692	3/4	55,697	3/4	67,682	3/4	79,692	3/4	91,702	3/4	103,711	3/4	115,721	3/4
10	10	20,192	10	32,096	10	43,943	10	55,947	10	67,932	10	79,942	10	91,952	10	103,961	10	115,971	10
1/4	1/4	20,442	1/4	32,346	1/4	44,193	1/4	56,197	1/4	68,182	1/4	80,192	1/4	92,202	1/4	104,211	1/4	116,221	1/4
1/2	1/2	20,692	1/2	32,596	1/2	44,443	1/2	56,447	1/2	68,432	1/2	80,442	1/2	92,452	1/2	104,461	1/2	116,472	1/2
3/4	3/4	20,942	3/4	32,846	3/4	44,693	3/4	56,697	3/4	68,682	3/4	80,692	3/4	92,702	3/4	104,711	3/4	116,722	3/4
11	11	21,193	11	33,070	11	44,943	11	56,947	11	68,933	11	80,943	11	92,952	11	104,962	11	116,972	11
1/4	1/4	21,443	1/4	33,320	1/4	45,193	1/4	57,197	1/4	69,183	1/4	81,193	1/4	93,203	1/4	105,212	1/4	117,223	1/4
1/2	1/2	21,693	1/2	33,569	1/2	45,443	1/2	57,447	1/2	69,433	1/2	81,443	1/2	93,453	1/2	105,462	1/2	117,473	1/2
3/4	3/4	21,943	3/4	33,819	3/4	45,693	3/4	57,697	3/4	69,683	3/4	81,693	3/4	93,703	3/4	105,713	3/4	117,724	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

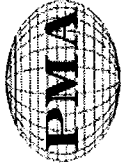
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE

GAUGE POINT; (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD

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

BARGE "IB 1986"

1 CENTER INNAGE TABLE



CAPACITIES GIVEN IN WHOLE GALLONS		10 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	118,226	1/4	128,691	1/4	136,370	1/4	144,150	1/4	151,922	1/4	159,694	1/4	167,466	1/4	175,238	1/4	183,010	1/4	190,782
1/2	118,476	1/2	128,915	1/2	136,533	1/2	144,312	1/2	152,059	1/2	159,806	1/2	167,553	1/2	175,300	1/2	183,047	1/2	190,794
3/4	118,727	3/4	129,077	3/4	136,685	3/4	144,474	3/4	152,197	3/4	159,920	3/4	167,643	3/4	175,366	3/4	183,089	3/4	190,812
1	118,978	1	129,239	1	137,019	1	144,799	1	152,472	1	160,145	1	167,818	1	175,491	1	183,164	1	190,837
1/4	119,228	1/4	129,401	1/4	137,181	1/4	144,961	1/4	152,530	1/4	160,203	1/4	167,876	1/4	175,549	1/4	183,222	1/4	190,891
1/2	119,479	1/2	129,563	1/2	137,343	1/2	145,123	1/2	152,588	1/2	160,368	1/2	168,041	1/2	175,714	1/2	183,381	1/2	191,045
3/4	119,730	3/4	129,725	3/4	137,505	3/4	145,285	3/4	152,645	3/4	160,528	3/4	168,191	3/4	175,854	3/4	183,541	3/4	191,109
2	119,980	2	129,887	2	137,667	2	145,447	2	152,703	2	160,688	2	168,351	2	176,014	2	183,675	2	191,173
1/4	120,231	1/4	130,049	1/4	137,829	1/4	145,609	1/4	152,766	1/4	160,826	1/4	168,489	1/4	176,152	1/4	183,815	1/4	191,237
1/2	120,482	1/2	130,212	1/2	137,991	1/2	145,771	1/2	152,828	1/2	160,985	1/2	168,648	1/2	176,311	1/2	183,979	1/2	191,301
3/4	120,733	3/4	130,374	3/4	138,153	3/4	145,933	3/4	152,891	3/4	161,143	3/4	168,806	3/4	176,474	3/4	184,141	3/4	191,365
3	120,983	3	130,536	3	138,315	3	146,095	3	152,954	3	161,203	3	168,866	3	176,533	3	184,205	3	191,429
1/4	121,234	1/4	130,698	1/4	138,478	1/4	146,257	1/4	152,964	1/4	161,262	1/4	168,925	1/4	176,592	1/4	184,269	1/4	191,493
1/2	121,485	1/2	130,860	1/2	138,640	1/2	146,419	1/2	152,964	1/2	161,321	1/2	168,984	1/2	176,651	1/2	184,333	1/2	191,557
3/4	121,735	3/4	131,022	3/4	138,802	3/4	146,581	3/4	152,964	3/4	161,380	3/4	169,043	3/4	176,715	3/4	184,397	3/4	191,621
4	121,986	4	131,184	4	138,964	4	146,744	4	152,964	4	161,439	4	169,102	4	176,779	4	184,461	4	191,685
1/4	122,237	1/4	131,346	1/4	139,126	1/4	146,906	1/4	152,964	1/4	161,498	1/4	169,161	1/4	176,843	1/4	184,525	1/4	191,749
1/2	122,488	1/2	131,508	1/2	139,288	1/2	147,068	1/2	152,964	1/2	161,557	1/2	169,220	1/2	176,907	1/2	184,589	1/2	191,813
3/4	122,738	3/4	131,670	3/4	139,450	3/4	147,230	3/4	152,964	3/4	161,616	3/4	169,283	3/4	177,000	3/4	184,653	3/4	191,877
5	122,989	5	131,832	5	139,612	5	147,392	5	152,964	5	161,675	5	169,346	5	177,064	5	184,717	5	191,941
1/4	123,240	1/4	131,994	1/4	139,774	1/4	147,554	1/4	152,964	1/4	161,734	1/4	169,409	1/4	177,128	1/4	184,781	1/4	192,005
1/2	123,490	1/2	132,156	1/2	139,936	1/2	147,716	1/2	152,964	1/2	161,793	1/2	169,472	1/2	177,192	1/2	184,845	1/2	192,069
3/4	123,741	3/4	132,318	3/4	140,098	3/4	147,878	3/4	152,964	3/4	161,852	3/4	169,535	3/4	177,256	3/4	184,909	3/4	192,133
6	123,992	6	132,481	6	140,260	6	148,040	6	152,964	6	161,911	6	169,598	6	177,320	6	184,973	6	192,197
1/4	124,243	1/4	132,643	1/4	140,422	1/4	148,202	1/4	152,964	1/4	161,970	1/4	169,661	1/4	177,384	1/4	185,037	1/4	192,261
1/2	124,493	1/2	132,805	1/2	140,584	1/2	148,364	1/2	152,964	1/2	162,029	1/2	169,724	1/2	177,448	1/2	185,101	1/2	192,325
3/4	124,744	3/4	132,967	3/4	140,747	3/4	148,526	3/4	152,964	3/4	162,088	3/4	169,787	3/4	177,512	3/4	185,165	3/4	192,389
7	124,995	7	133,129	7	140,909	7	148,688	7	152,964	7	162,147	7	169,850	7	177,576	7	185,229	7	192,453
1/4	125,245	1/4	133,291	1/4	141,071	1/4	148,851	1/4	152,964	1/4	162,206	1/4	169,913	1/4	177,640	1/4	185,293	1/4	192,517
1/2	125,496	1/2	133,453	1/2	141,233	1/2	149,013	1/2	152,964	1/2	162,265	1/2	170,000	1/2	177,704	1/2	185,357	1/2	192,581
3/4	125,747	3/4	133,615	3/4	141,395	3/4	149,175	3/4	152,964	3/4	162,324	3/4	170,063	3/4	177,768	3/4	185,421	3/4	192,645
8	125,997	8	133,777	8	141,557	8	149,337	8	152,964	8	162,383	8	170,126	8	177,832	8	185,485	8	192,709
1/4	126,160	1/4	133,939	1/4	141,719	1/4	149,499	1/4	152,964	1/4	162,442	1/4	170,189	1/4	177,896	1/4	185,549	1/4	192,773
1/2	126,322	1/2	134,101	1/2	141,881	1/2	149,661	1/2	152,964	1/2	162,501	1/2	170,253	1/2	177,960	1/2	185,613	1/2	192,837
3/4	126,484	3/4	134,263	3/4	142,043	3/4	149,823	3/4	152,964	3/4	162,560	3/4	170,317	3/4	178,024	3/4	185,677	3/4	192,901
9	126,646	9	134,426	9	142,205	9	149,985	9	152,964	9	162,619	9	170,380	9	178,088	9	185,741	9	192,965
1/4	126,808	1/4	134,588	1/4	142,367	1/4	150,147	1/4	152,964	1/4	162,678	1/4	170,443	1/4	178,152	1/4	185,805	1/4	193,029
1/2	126,970	1/2	134,750	1/2	142,529	1/2	150,309	1/2	152,964	1/2	162,737	1/2	170,507	1/2	178,216	1/2	185,869	1/2	193,093
3/4	127,132	3/4	134,912	3/4	142,692	3/4	150,471	3/4	152,964	3/4	162,796	3/4	170,570	3/4	178,280	3/4	185,933	3/4	193,157
10	127,294	10	135,074	10	142,854	10	150,633	10	152,964	10	162,855	10	170,634	10	178,344	10	185,997	10	193,221
1/4	127,456	1/4	135,236	1/4	143,016	1/4	150,795	1/4	152,964	1/4	162,914	1/4	170,698	1/4	178,408	1/4	186,061	1/4	193,285
1/2	127,618	1/2	135,398	1/2	143,178	1/2	150,957	1/2	152,964	1/2	162,973	1/2	170,762	1/2	178,472	1/2	186,125	1/2	193,349
3/4	127,780	3/4	135,560	3/4	143,340	3/4	151,118	3/4	152,964	3/4	163,032	3/4	170,826	3/4	178,536	3/4	186,189	3/4	193,413
11	127,942	11	135,722	11	143,502	11	151,280	11	152,964	11	163,091	11	170,890	11	178,600	11	186,253	11	193,477
1/4	128,105	1/4	135,884	1/4	143,664	1/4	151,440	1/4	152,964	1/4	163,150	1/4	170,954	1/4	178,664	1/4	186,317	1/4	193,541
1/2	128,267	1/2	136,046	1/2	143,826	1/2	151,602	1/2	152,964	1/2	163,209	1/2	171,018	1/2	178,728	1/2	186,381	1/2	193,605
3/4	128,429	3/4	136,208	3/4	143,988	3/4	151,761	3/4	152,964	3/4	163,268	3/4	171,082	3/4	178,792	3/4	186,445	3/4	193,669

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"

2 CENTER INNAGE TABLE

Gauge Height 15'-02 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	26	0	10,095	0	21,615	0	32,966	0	44,374	0	55,895	0	67,416	0	78,937	0	90,457	0	101,978
1/4	66	1/4	10,335	1/4	21,855	1/4	33,199	1/4	44,614	1/4	56,135	1/4	67,656	1/4	79,177	1/4	90,697	1/4	102,218
1/2	106	1/2	10,575	1/2	22,095	1/2	33,432	1/2	44,854	1/2	56,375	1/2	67,896	1/2	79,417	1/2	90,937	1/2	102,458
3/4	146	3/4	10,815	3/4	22,335	3/4	33,665	3/4	45,094	3/4	56,615	3/4	68,136	3/4	79,657	3/4	91,177	3/4	102,698
1	186	1	11,055	1	22,575	1	33,898	1	45,334	1	56,855	1	68,376	1	79,897	1	91,417	1	102,938
1/4	306	1/4	11,295	1/4	22,815	1/4	34,131	1/4	45,574	1/4	57,095	1/4	68,616	1/4	80,137	1/4	91,657	1/4	103,178
1/2	426	1/2	11,535	1/2	23,055	1/2	34,364	1/2	45,815	1/2	57,335	1/2	68,856	1/2	80,377	1/2	91,897	1/2	103,418
3/4	546	3/4	11,775	3/4	23,295	3/4	34,597	3/4	46,055	3/4	57,575	3/4	69,096	3/4	80,617	3/4	92,137	3/4	103,658
1	666	1	12,015	1	23,535	1	34,830	1	46,295	1	57,815	1	69,336	1	80,857	1	92,377	1	103,898
1/4	866	1/4	12,255	1/4	23,775	1/4	35,063	1/4	46,535	1/4	58,055	1/4	69,576	1/4	81,097	1/4	92,617	1/4	104,138
1/2	1,066	1/2	12,495	1/2	24,015	1/2	35,296	1/2	46,775	1/2	58,295	1/2	69,816	1/2	81,337	1/2	92,857	1/2	104,378
3/4	1,266	3/4	12,735	3/4	24,255	3/4	35,529	3/4	47,015	3/4	58,535	3/4	70,056	3/4	81,577	3/4	93,097	3/4	104,618
1	1,466	1	12,975	1	24,495	1	35,762	1	47,255	1	58,775	1	70,296	1	81,817	1	93,337	1	104,858
1/4	1,704	1/4	13,215	1/4	24,735	1/4	35,995	1/4	47,495	1/4	59,015	1/4	70,536	1/4	82,057	1/4	93,577	1/4	105,098
1/2	1,942	1/2	13,455	1/2	24,975	1/2	36,228	1/2	47,735	1/2	59,255	1/2	70,776	1/2	82,297	1/2	93,817	1/2	105,338
3/4	2,180	3/4	13,695	3/4	25,215	3/4	36,461	3/4	47,975	3/4	59,495	3/4	71,016	3/4	82,537	3/4	94,057	3/4	105,578
1	2,418	1	13,935	1	25,455	1	36,694	1	48,215	1	59,735	1	71,256	1	82,777	1	94,297	1	105,818
1/4	2,657	1/4	14,175	1/4	25,695	1/4	36,934	1/4	48,455	1/4	59,975	1/4	71,496	1/4	83,017	1/4	94,537	1/4	106,058
1/2	2,896	1/2	14,415	1/2	25,935	1/2	37,174	1/2	48,695	1/2	60,215	1/2	71,736	1/2	83,257	1/2	94,777	1/2	106,298
3/4	3,136	3/4	14,655	3/4	26,175	3/4	37,414	3/4	48,935	3/4	60,455	3/4	71,976	3/4	83,497	3/4	95,018	3/4	106,538
1	3,375	1	14,895	1	26,415	1	37,654	1	49,175	1	60,695	1	72,216	1	83,737	1	95,258	1	106,778
1/4	3,615	1/4	15,135	1/4	26,655	1/4	37,894	1/4	49,415	1/4	60,935	1/4	72,456	1/4	83,977	1/4	95,498	1/4	107,018
1/2	3,855	1/2	15,375	1/2	26,895	1/2	38,134	1/2	49,655	1/2	61,175	1/2	72,696	1/2	84,217	1/2	95,738	1/2	107,258
3/4	4,095	3/4	15,615	3/4	27,135	3/4	38,374	3/4	49,895	3/4	61,415	3/4	72,936	3/4	84,457	3/4	95,978	3/4	107,498
1	4,335	1	15,855	1	27,375	1	38,614	1	50,135	1	61,655	1	73,176	1	84,697	1	96,218	1	107,738
1/4	4,575	1/4	16,095	1/4	27,608	1/4	38,854	1/4	50,375	1/4	61,895	1/4	73,416	1/4	84,937	1/4	96,458	1/4	107,978
1/2	4,815	1/2	16,335	1/2	27,841	1/2	39,094	1/2	50,615	1/2	62,136	1/2	73,656	1/2	85,177	1/2	96,698	1/2	108,218
3/4	5,055	3/4	16,575	3/4	28,074	3/4	39,334	3/4	50,855	3/4	62,376	3/4	73,896	3/4	85,417	3/4	96,938	3/4	108,458
1	5,295	1	16,815	1	28,307	1	39,574	1	51,095	1	62,616	1	74,136	1	85,657	1	97,178	1	108,698
1/4	5,535	1/4	17,055	1/4	28,540	1/4	39,814	1/4	51,335	1/4	62,856	1/4	74,376	1/4	85,897	1/4	97,418	1/4	108,938
1/2	5,775	1/2	17,295	1/2	28,773	1/2	40,054	1/2	51,575	1/2	63,096	1/2	74,616	1/2	86,137	1/2	97,658	1/2	109,178
3/4	6,015	3/4	17,535	3/4	29,006	3/4	40,294	3/4	51,815	3/4	63,336	3/4	74,856	3/4	86,377	3/4	97,898	3/4	109,418
1	6,255	1	17,775	1	29,239	1	40,534	1	52,055	1	63,576	1	75,096	1	86,617	1	98,138	1	109,658
1/4	6,495	1/4	18,015	1/4	29,472	1/4	40,774	1/4	52,295	1/4	63,816	1/4	75,336	1/4	86,857	1/4	98,378	1/4	109,898
1/2	6,735	1/2	18,255	1/2	29,705	1/2	41,014	1/2	52,535	1/2	64,056	1/2	75,576	1/2	87,097	1/2	98,618	1/2	110,138
3/4	6,975	3/4	18,495	3/4	29,938	3/4	41,254	3/4	52,775	3/4	64,296	3/4	75,816	3/4	87,337	3/4	98,858	3/4	110,378
1	7,215	1	18,735	1	30,171	1	41,494	1	53,015	1	64,536	1	76,056	1	87,577	1	99,098	1	110,618
1/4	7,455	1/4	18,975	1/4	30,404	1/4	41,734	1/4	53,255	1/4	64,776	1/4	76,296	1/4	87,817	1/4	99,338	1/4	110,858
1/2	7,695	1/2	19,215	1/2	30,637	1/2	41,974	1/2	53,495	1/2	65,016	1/2	76,536	1/2	88,057	1/2	99,578	1/2	111,098
3/4	7,935	3/4	19,455	3/4	30,870	3/4	42,214	3/4	53,735	3/4	65,256	3/4	76,776	3/4	88,297	3/4	99,818	3/4	111,338
1	8,175	1	19,695	1	31,103	1	42,454	1	53,975	1	65,496	1	77,016	1	88,537	1	100,058	1	111,578
1/4	8,415	1/4	19,935	1/4	31,335	1/4	42,694	1/4	54,215	1/4	65,736	1/4	77,256	1/4	88,777	1/4	100,298	1/4	111,818
1/2	8,655	1/2	20,175	1/2	31,568	1/2	42,934	1/2	54,455	1/2	65,976	1/2	77,496	1/2	89,017	1/2	100,538	1/2	112,058
3/4	8,895	3/4	20,415	3/4	31,801	3/4	43,174	3/4	54,695	3/4	66,216	3/4	77,736	3/4	89,257	3/4	100,778	3/4	112,298
1	9,135	1	20,655	1	32,034	1	43,414	1	54,935	1	66,456	1	77,976	1	89,497	1	101,018	1	112,538
1/4	9,375	1/4	20,895	1/4	32,267	1/4	43,654	1/4	55,175	1/4	66,696	1/4	78,216	1/4	89,737	1/4	101,258	1/4	112,778
1/2	9,615	1/2	21,135	1/2	32,500	1/2	43,894	1/2	55,415	1/2	66,936	1/2	78,456	1/2	89,977	1/2	101,498	1/2	113,018
3/4	9,855	3/4	21,375	3/4	32,733	3/4	44,134	3/4	55,655	3/4	67,176	3/4	78,696	3/4	90,217	3/4	101,738	3/4	113,258

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 ONLY APPLIES 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'-06" FORWARD OF AFT BULKHEAD

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



CAPACITIES GIVEN IN WHOLE GALLONS

BARGE "IB 1986"

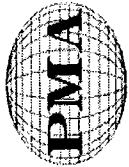
2 CENTER INNAGE TABLE

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	113,499	1/4	125,019	0	136,540	0	148,061	0	159,574	0	171,087	0	182,600	0	194,113	0	205,626	0	217,139
1/4	113,739	1/4	125,259	1/4	136,780	1/4	148,301	1/4	159,790	1/4	171,279	1/4	182,768	1/4	194,257	1/4	205,746	1/4	217,235
1/2	113,979	1/2	125,499	1/2	137,020	1/2	148,541	1/2	160,007	1/2	171,488	1/2	182,975	1/2	194,462	1/2	205,949	1/2	217,436
3/4	114,219	3/4	125,739	3/4	137,260	3/4	148,781	3/4	160,223	3/4	171,667	3/4	183,154	3/4	194,641	3/4	206,128	3/4	217,615
1	114,459	1	125,979	1	137,500	1	149,021	1	160,440	1	171,921	1	183,402	1	194,883	1	206,364	1	217,845
1/4	114,699	1/4	126,219	1/4	137,740	1/4	149,261	1/4	160,580	1/4	172,061	1/4	183,542	1/4	195,023	1/4	206,504	1/4	217,985
1/2	114,939	1/2	126,459	1/2	137,980	1/2	149,501	1/2	160,720	1/2	172,201	1/2	183,682	1/2	195,163	1/2	206,644	1/2	218,125
3/4	115,179	3/4	126,699	3/4	138,220	3/4	149,741	3/4	160,860	3/4	172,341	3/4	183,822	3/4	195,303	3/4	206,785	3/4	218,265
2	115,419	2	126,939	2	138,460	2	149,981	2	161,000	2	172,481	2	183,962	2	195,443	2	206,926	2	218,406
1/4	115,659	1/4	127,179	1/4	138,700	1/4	150,221	1/4	161,060	1/4	172,621	1/4	184,102	1/4	195,583	1/4	207,067	1/4	218,546
1/2	115,899	1/2	127,419	1/2	138,940	1/2	150,461	1/2	161,120	1/2	172,761	1/2	184,242	1/2	195,723	1/2	207,207	1/2	218,686
3/4	116,139	3/4	127,659	3/4	139,180	3/4	150,701	3/4	161,180	3/4	172,901	3/4	184,302	3/4	195,863	3/4	207,347	3/4	218,826
3	116,379	3	127,900	3	139,420	3	150,941	3	161,240	3	173,041	3	184,362	3	195,923	3	207,407	3	218,886
1/4	116,619	1/4	128,140	1/4	139,660	1/4	151,181	1/4	161,250	1/4	173,181	1/4	184,422	1/4	196,023	1/4	207,467	1/4	218,946
1/2	116,859	1/2	128,380	1/2	139,900	1/2	151,421	1/2	161,250	1/2	173,321	1/2	184,482	1/2	196,083	1/2	207,527	1/2	219,006
3/4	117,099	3/4	128,620	3/4	140,140	3/4	151,661	3/4	161,250	3/4	173,461	3/4	184,542	3/4	196,143	3/4	207,587	3/4	219,066
4	117,339	4	128,860	4	140,380	4	151,901	4	161,250	4	173,601	4	184,602	4	196,203	4	207,647	4	219,126
1/4	117,579	1/4	129,100	1/4	140,620	1/4	152,141	1/4	161,250	1/4	173,741	1/4	184,662	1/4	196,263	1/4	207,707	1/4	219,186
1/2	117,819	1/2	129,340	1/2	140,860	1/2	152,381	1/2	161,250	1/2	173,881	1/2	184,722	1/2	196,323	1/2	207,767	1/2	219,246
3/4	118,059	3/4	129,580	3/4	141,100	3/4	152,621	3/4	161,250	3/4	174,021	3/4	184,782	3/4	196,383	3/4	207,827	3/4	219,306
5	118,299	5	129,820	5	141,340	5	152,861	5	161,250	5	174,161	5	184,842	5	196,443	5	207,887	5	219,366
1/4	118,539	1/4	130,060	1/4	141,580	1/4	153,101	1/4	161,250	1/4	174,301	1/4	184,902	1/4	196,503	1/4	207,947	1/4	219,426
1/2	118,779	1/2	130,300	1/2	141,820	1/2	153,341	1/2	161,250	1/2	174,441	1/2	184,962	1/2	196,563	1/2	208,007	1/2	219,486
3/4	119,019	3/4	130,540	3/4	142,060	3/4	153,581	3/4	161,250	3/4	174,581	3/4	185,022	3/4	196,623	3/4	208,067	3/4	219,546
6	119,259	6	130,780	6	142,300	6	153,821	6	161,250	6	174,721	6	185,082	6	196,683	6	208,127	6	219,606
1/4	119,499	1/4	131,020	1/4	142,540	1/4	154,061	1/4	161,250	1/4	174,861	1/4	185,142	1/4	196,743	1/4	208,187	1/4	219,666
1/2	119,739	1/2	131,260	1/2	142,780	1/2	154,301	1/2	161,250	1/2	175,001	1/2	185,202	1/2	196,803	1/2	208,247	1/2	219,726
3/4	119,979	3/4	131,500	3/4	143,020	3/4	154,541	3/4	161,250	3/4	175,141	3/4	185,262	3/4	196,863	3/4	208,307	3/4	219,786
7	120,219	7	131,740	7	143,260	7	154,781	7	161,250	7	175,281	7	185,322	7	196,923	7	208,367	7	219,846
1/4	120,459	1/4	131,980	1/4	143,500	1/4	155,021	1/4	161,250	1/4	175,421	1/4	185,382	1/4	196,983	1/4	208,427	1/4	219,906
1/2	120,699	1/2	132,220	1/2	143,740	1/2	155,261	1/2	161,250	1/2	175,561	1/2	185,442	1/2	197,043	1/2	208,487	1/2	219,966
3/4	120,939	3/4	132,460	3/4	143,980	3/4	155,501	3/4	161,250	3/4	175,701	3/4	185,502	3/4	197,103	3/4	208,547	3/4	219,986
8	121,179	8	132,700	8	144,220	8	155,741	8	161,250	8	175,841	8	185,562	8	197,163	8	208,607	8	220,046
1/4	121,419	1/4	132,940	1/4	144,461	1/4	155,981	1/4	161,250	1/4	175,981	1/4	185,622	1/4	197,223	1/4	208,667	1/4	220,106
1/2	121,659	1/2	133,180	1/2	144,701	1/2	156,221	1/2	161,250	1/2	176,121	1/2	185,682	1/2	197,283	1/2	208,727	1/2	220,166
3/4	121,899	3/4	133,420	3/4	144,941	3/4	156,461	3/4	161,250	3/4	176,261	3/4	185,742	3/4	197,343	3/4	208,787	3/4	220,226
9	122,139	9	133,660	9	145,181	9	156,701	9	161,250	9	176,401	9	185,802	9	197,403	9	208,847	9	220,286
1/4	122,379	1/4	133,900	1/4	145,421	1/4	156,941	1/4	161,250	1/4	176,541	1/4	185,862	1/4	197,463	1/4	208,907	1/4	220,346
1/2	122,619	1/2	134,140	1/2	145,661	1/2	157,181	1/2	161,250	1/2	176,681	1/2	185,922	1/2	197,523	1/2	208,967	1/2	220,406
3/4	122,859	3/4	134,380	3/4	145,901	3/4	157,421	3/4	161,250	3/4	176,821	3/4	185,982	3/4	197,583	3/4	209,027	3/4	220,466
10	123,099	10	134,620	10	146,141	10	157,661	10	161,250	10	176,961	10	186,042	10	197,643	10	209,087	10	220,526
1/4	123,339	1/4	134,860	1/4	146,381	1/4	157,901	1/4	161,250	1/4	177,101	1/4	186,102	1/4	197,703	1/4	209,147	1/4	220,586
1/2	123,579	1/2	135,100	1/2	146,621	1/2	158,140	1/2	161,250	1/2	177,241	1/2	186,162	1/2	197,763	1/2	209,207	1/2	220,646
3/4	123,819	3/4	135,340	3/4	146,861	3/4	158,380	3/4	161,250	3/4	177,381	3/4	186,222	3/4	197,823	3/4	209,267	3/4	220,706
11	124,059	11	135,580	11	147,101	11	158,620	11	161,250	11	177,521	11	186,282	11	197,883	11	209,327	11	220,766
1/4	124,299	1/4	135,820	1/4	147,341	1/4	158,858	1/4	161,250	1/4	177,661	1/4	186,342	1/4	197,943	1/4	209,387	1/4	220,826
1/2	124,539	1/2	136,060	1/2	147,581	1/2	159,097	1/2	161,250	1/2	177,801	1/2	186,402	1/2	198,003	1/2	209,447	1/2	220,886
3/4	124,779	3/4	136,300	3/4	147,821	3/4	159,335	3/4	161,250	3/4	177,941	3/4	186,462	3/4	198,063	3/4	209,507	3/4	220,946

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 INNAGE TABLE

GAUGE HEIGHT 15'-03 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	10,028	21,472	32,905	44,342	55,786	67,230	78,674	90,118	101,562
1/4	1/4	10,266	21,710	33,143	44,580	56,024	67,468	78,913	90,357	101,801
1/2	1/2	10,503	21,948	33,380	44,819	56,263	67,707	79,151	90,595	102,039
3/4	3/4	10,741	22,187	33,618	45,057	56,501	67,945	79,389	90,833	102,278
1	1	10,982	22,425	33,856	45,296	56,740	68,184	79,628	91,072	102,516
1/4	1/4	11,220	22,664	34,094	45,534	56,978	68,422	79,866	91,310	102,754
1/2	1/2	11,458	22,902	34,332	45,772	57,216	68,661	80,105	91,549	102,993
3/4	3/4	11,697	23,140	34,570	46,011	57,455	68,899	80,343	91,787	103,231
2	2	11,935	23,379	34,808	46,249	57,693	69,137	80,581	92,026	103,470
1/4	1/4	12,174	23,617	35,046	46,488	57,932	69,376	80,820	92,264	103,708
1/2	1/2	12,412	23,856	35,284	46,726	58,170	69,614	81,058	92,502	103,946
3/4	3/4	12,650	24,094	35,522	46,964	58,409	69,853	81,297	92,741	104,185
3	3	12,889	24,333	35,760	47,203	58,647	70,091	81,535	92,979	104,423
1/4	1/4	13,127	24,571	35,998	47,441	58,885	70,329	81,774	93,218	104,662
1/2	1/2	13,366	24,809	36,236	47,680	59,124	70,568	82,012	93,456	104,900
3/4	3/4	13,604	25,048	36,474	47,918	59,362	70,806	82,250	93,695	105,139
4	4	13,843	25,286	36,712	48,157	59,601	71,045	82,489	93,933	105,377
1/4	1/4	14,081	25,525	36,951	48,395	59,839	71,283	82,727	94,171	105,615
1/2	1/2	14,319	25,763	37,189	48,633	60,077	71,522	82,966	94,408	105,854
3/4	3/4	14,558	26,001	37,428	48,872	60,316	71,760	83,204	94,648	106,092
5	5	14,796	26,240	37,666	49,110	60,554	71,998	83,443	94,887	106,331
1/4	1/4	15,035	26,478	37,905	49,349	60,793	72,237	83,681	95,125	106,569
1/2	1/2	15,273	26,717	38,143	49,587	61,031	72,475	83,919	95,363	106,808
3/4	3/4	15,511	26,955	38,381	49,825	61,270	72,714	84,158	95,602	107,046
6	6	15,750	27,193	38,620	50,064	61,508	72,952	84,396	95,840	107,284
1/4	1/4	15,988	27,431	38,858	50,302	61,746	73,191	84,635	96,079	107,523
1/2	1/2	16,227	27,669	39,097	50,541	61,985	73,429	84,873	96,317	107,761
3/4	3/4	16,465	27,907	39,335	50,779	62,223	73,667	85,111	96,556	108,000
7	7	16,703	28,145	39,574	51,018	62,462	73,906	85,350	96,794	108,238
1/4	1/4	16,942	28,383	39,812	51,256	62,700	74,144	85,588	97,032	108,476
1/2	1/2	17,180	28,621	40,050	51,494	62,939	74,383	85,827	97,271	108,715
3/4	3/4	17,419	28,859	40,289	51,733	63,177	74,621	86,065	97,509	108,953
8	8	17,657	29,097	40,527	51,971	63,415	74,859	86,304	97,748	109,192
1/4	1/4	17,895	29,335	40,766	52,210	63,654	75,098	86,542	97,986	109,430
1/2	1/2	18,134	29,573	41,004	52,448	63,892	75,336	86,780	98,224	109,669
3/4	3/4	18,372	29,811	41,242	52,687	64,131	75,575	87,019	98,463	109,907
9	9	18,611	30,049	41,481	52,925	64,369	75,813	87,257	98,701	110,145
1/4	1/4	18,849	30,287	41,719	53,163	64,607	76,052	87,496	98,940	110,384
1/2	1/2	19,088	30,525	41,958	53,402	64,846	76,290	87,734	99,178	110,622
3/4	3/4	19,326	30,763	42,196	53,640	65,084	76,528	87,972	99,417	110,861
10	10	19,564	31,001	42,435	53,879	65,323	76,767	88,211	99,655	111,099
1/4	1/4	19,803	31,239	42,673	54,117	65,561	77,005	88,449	99,893	111,337
1/2	1/2	20,041	31,477	42,911	54,355	65,800	77,244	88,688	100,132	111,576
3/4	3/4	20,280	31,715	43,150	54,594	66,038	77,482	88,926	100,370	111,814
11	11	20,518	31,953	43,388	54,832	66,276	77,720	89,165	100,609	112,053
1/4	1/4	20,756	32,191	43,627	55,071	66,515	77,959	89,403	100,847	112,291
1/2	1/2	20,995	32,429	43,865	55,309	66,753	78,197	89,641	101,085	112,530
3/4	3/4	21,233	32,667	44,103	55,548	66,992	78,436	89,880	101,324	112,768

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPIMS 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'-00" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1986"

3 CENTER INNAGE 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	113,006	0	124,460	0	135,895	0	147,339	0	158,775	0	170,210	0	181,645	0	193,080	0	204,515	0	215,950
1/4	113,245	1/4	124,689	1/4	136,133	1/4	147,577	1/4	159,021	1/4	170,465	1/4	181,909	1/4	193,353	1/4	204,797	1/4	216,241
1/2	113,483	1/2	124,927	1/2	136,371	1/2	147,816	1/2	159,205	1/2	170,654	1/2	182,098	1/2	193,542	1/2	204,986	1/2	216,435
3/4	113,722	3/4	125,166	3/4	136,610	3/4	148,054	3/4	159,420	3/4	170,820	3/4	182,264	3/4	193,708	3/4	205,152	3/4	216,599
1	113,960	1	125,404	1	136,848	1	148,292	1	159,636	1	171,056	1	182,500	1	193,944	1	205,388	1	216,837
1/4	114,198	1/4	125,643	1/4	137,087	1/4	148,531	1/4	159,775	1/4	171,245	1/4	182,689	1/4	194,133	1/4	205,577	1/4	217,025
1/2	114,437	1/2	125,881	1/2	137,325	1/2	148,769	1/2	159,914	1/2	171,434	1/2	182,878	1/2	194,322	1/2	205,766	1/2	217,214
3/4	114,675	3/4	126,119	3/4	137,564	3/4	149,008	3/4	160,053	3/4	171,623	3/4	183,067	3/4	194,511	3/4	205,955	3/4	217,403
2	114,914	2	126,358	2	137,802	2	149,246	2	160,192	2	171,812	2	183,256	2	194,700	2	206,144	2	217,592
1/4	115,152	1/4	126,596	1/4	138,040	1/4	149,484	1/4	160,331	1/4	172,001	1/4	183,445	1/4	194,889	1/4	206,333	1/4	217,781
1/2	115,391	1/2	126,835	1/2	138,279	1/2	149,723	1/2	160,311	1/2	172,190	1/2	183,634	1/2	195,078	1/2	206,522	1/2	217,970
3/4	115,629	3/4	127,073	3/4	138,517	3/4	149,961	3/4	160,371	3/4	172,379	3/4	183,823	3/4	195,267	3/4	206,711	3/4	218,159
3	115,867	3	127,312	3	138,756	3	150,200	3	160,430	3	172,568	3	184,012	3	195,456	3	206,900	3	218,348
1/4	116,106	1/4	127,550	1/4	138,994	1/4	150,438	1/4	160,440	1/4	172,757	1/4	184,201	1/4	195,645	1/4	207,089	1/4	218,537
1/2	116,344	1/2	127,788	1/2	139,232	1/2	150,677	1/2	160,440	1/2	172,946	1/2	184,390	1/2	195,834	1/2	207,278	1/2	218,726
3/4	116,583	3/4	128,027	3/4	139,471	3/4	150,915	3/4	160,440	3/4	173,135	3/4	184,579	3/4	196,023	3/4	207,467	3/4	218,915
4	116,821	4	128,265	4	139,709	4	151,153	4	160,440	4	173,324	4	184,768	4	196,212	4	207,656	4	219,104
1/4	117,060	1/4	128,504	1/4	139,948	1/4	151,392	1/4	160,440	1/4	173,513	1/4	184,957	1/4	196,401	1/4	207,845	1/4	219,293
1/2	117,298	1/2	128,742	1/2	140,186	1/2	151,630	1/2	160,440	1/2	173,702	1/2	185,146	1/2	196,590	1/2	208,034	1/2	219,482
3/4	117,536	3/4	128,980	3/4	140,425	3/4	151,869	3/4	160,440	3/4	173,891	3/4	185,335	3/4	196,779	3/4	208,223	3/4	219,671
5	117,775	5	129,219	5	140,663	5	152,107	5	160,440	5	174,080	5	185,524	5	196,968	5	208,412	5	219,860
1/4	118,013	1/4	129,457	1/4	140,901	1/4	152,345	1/4	160,440	1/4	174,269	1/4	185,713	1/4	197,157	1/4	208,601	1/4	219,999
1/2	118,252	1/2	129,696	1/2	141,140	1/2	152,584	1/2	160,440	1/2	174,458	1/2	185,902	1/2	197,346	1/2	208,790	1/2	220,188
3/4	118,490	3/4	129,934	3/4	141,378	3/4	152,822	3/4	160,440	3/4	174,647	3/4	186,091	3/4	197,535	3/4	208,979	3/4	220,377
6	118,728	6	130,173	6	141,617	6	153,061	6	160,440	6	174,836	6	186,280	6	197,724	6	209,168	6	220,566
1/4	118,967	1/4	130,411	1/4	141,855	1/4	153,299	1/4	160,440	1/4	175,025	1/4	186,469	1/4	197,913	1/4	209,357	1/4	220,755
1/2	119,205	1/2	130,649	1/2	142,093	1/2	153,538	1/2	160,440	1/2	175,214	1/2	186,658	1/2	198,102	1/2	209,546	1/2	220,944
3/4	119,444	3/4	130,888	3/4	142,332	3/4	153,776	3/4	160,440	3/4	175,403	3/4	186,847	3/4	198,291	3/4	209,735	3/4	221,133
7	119,682	7	131,126	7	142,570	7	154,014	7	160,440	7	175,592	7	187,036	7	198,480	7	209,924	7	221,322
1/4	119,921	1/4	131,365	1/4	142,809	1/4	154,253	1/4	160,440	1/4	175,781	1/4	187,225	1/4	198,669	1/4	210,113	1/4	221,511
1/2	120,159	1/2	131,603	1/2	143,047	1/2	154,491	1/2	160,440	1/2	175,970	1/2	187,414	1/2	198,858	1/2	210,302	1/2	221,700
3/4	120,397	3/4	131,841	3/4	143,286	3/4	154,730	3/4	160,440	3/4	176,159	3/4	187,603	3/4	199,047	3/4	210,491	3/4	221,889
8	120,636	8	132,080	8	143,524	8	154,968	8	160,440	8	176,348	8	187,792	8	199,236	8	210,680	8	222,078
1/4	120,874	1/4	132,318	1/4	143,762	1/4	155,206	1/4	160,440	1/4	176,537	1/4	187,981	1/4	199,425	1/4	210,869	1/4	222,267
1/2	121,113	1/2	132,557	1/2	144,001	1/2	155,445	1/2	160,440	1/2	176,726	1/2	188,170	1/2	199,614	1/2	211,058	1/2	222,456
3/4	121,351	3/4	132,795	3/4	144,239	3/4	155,683	3/4	160,440	3/4	176,915	3/4	188,359	3/4	199,803	3/4	211,247	3/4	222,645
9	121,589	9	133,034	9	144,478	9	155,922	9	160,440	9	177,104	9	188,547	9	199,992	9	211,436	9	222,834
1/4	121,828	1/4	133,272	1/4	144,716	1/4	156,160	1/4	160,440	1/4	177,293	1/4	188,736	1/4	199,992	1/4	211,625	1/4	223,023
1/2	122,066	1/2	133,510	1/2	144,954	1/2	156,399	1/2	160,440	1/2	177,482	1/2	188,925	1/2	200,181	1/2	211,814	1/2	223,212
3/4	122,305	3/4	133,749	3/4	145,193	3/4	156,637	3/4	160,440	3/4	177,671	3/4	189,114	3/4	200,370	3/4	212,003	3/4	223,401
10	122,543	10	133,987	10	145,431	10	156,875	10	160,440	10	177,860	10	189,303	10	200,559	10	212,192	10	223,590
1/4	122,782	1/4	134,226	1/4	145,670	1/4	157,113	1/4	160,440	1/4	178,049	1/4	189,492	1/4	200,748	1/4	212,381	1/4	223,779
1/2	123,020	1/2	134,464	1/2	145,908	1/2	157,351	1/2	160,440	1/2	178,238	1/2	189,681	1/2	200,937	1/2	212,570	1/2	223,968
3/4	123,258	3/4	134,702	3/4	146,147	3/4	157,589	3/4	160,440	3/4	178,427	3/4	189,870	3/4	201,126	3/4	212,759	3/4	224,157
11	123,497	11	134,941	11	146,385	11	157,827	11	160,440	11	178,616	11	190,059	11	201,315	11	212,948	11	224,346
1/4	123,735	1/4	135,179	1/4	146,623	1/4	158,064	1/4	160,440	1/4	178,805	1/4	190,248	1/4	201,504	1/4	213,137	1/4	224,535
1/2	123,974	1/2	135,418	1/2	146,862	1/2	158,301	1/2	160,440	1/2	178,994	1/2	190,437	1/2	201,693	1/2	213,326	1/2	224,724
3/4	124,212	3/4	135,656	3/4	147,100	3/4	158,538	3/4	160,440	3/4	179,183	3/4	190,626	3/4	201,882	3/4	213,515	3/4	224,913

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