



# BARGE "IB 1975"

## 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-2/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
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	- 00-3/4	00-3/4
3 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	- 00-1/2	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"

May 19, 2016

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

<http://www.pmacorp.net>



# BARGE "IB 1975"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 3/4"

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	10,155	0	22,133	0	33,952	0	45,819	0	57,790	0	69,744	0	81,721	0	93,698	0	105,675
1/4	68	1/4	10,405	1/4	22,383	1/4	34,194	1/4	46,068	1/4	58,039	1/4	69,993	1/4	81,971	1/4	93,948	1/4	105,925
1/2	110	1/2	10,655	1/2	22,633	1/2	34,437	1/2	46,318	1/2	58,288	1/2	70,243	1/2	82,220	1/2	94,197	1/2	106,174
3/4	151	3/4	10,904	3/4	22,882	3/4	34,680	3/4	46,567	3/4	58,537	3/4	70,492	3/4	82,470	3/4	94,447	3/4	106,424
1	193	1	11,154	1	23,132	1	34,923	1	46,816	1	58,786	1	70,742	1	82,719	1	94,696	1	106,673
1/4	285	1/4	11,403	1/4	23,381	1/4	35,166	1/4	47,066	1/4	59,035	1/4	70,991	1/4	82,969	1/4	94,946	1/4	106,923
1/2	377	1/2	11,653	1/2	23,631	1/2	35,409	1/2	47,315	1/2	59,284	1/2	71,241	1/2	83,218	1/2	95,195	1/2	107,172
3/4	468	3/4	11,902	3/4	23,880	3/4	35,652	3/4	47,565	3/4	59,533	3/4	71,490	3/4	83,468	3/4	95,445	3/4	107,422
2	560	2	12,152	2	24,130	2	35,895	2	47,814	2	59,781	2	71,740	2	83,717	2	95,694	2	107,671
1/4	724	1/4	12,401	1/4	24,379	1/4	36,137	1/4	48,063	1/4	60,030	1/4	71,989	1/4	83,967	1/4	95,944	1/4	107,921
1/2	888	1/2	12,651	1/2	24,629	1/2	36,380	1/2	48,313	1/2	60,279	1/2	72,239	1/2	84,216	1/2	96,193	1/2	108,170
3/4	1,052	3/4	12,900	3/4	24,878	3/4	36,623	3/4	48,562	3/4	60,528	3/4	72,488	3/4	84,466	3/4	96,443	3/4	108,420
3	1,216	3	13,150	3	25,128	3	36,866	3	48,812	3	60,777	3	72,738	3	84,715	3	96,692	3	108,670
1/4	1,453	1/4	13,400	1/4	25,378	1/4	37,109	1/4	49,061	1/4	61,026	1/4	72,987	1/4	84,965	1/4	96,942	1/4	108,919
1/2	1,690	1/2	13,649	1/2	25,627	1/2	37,352	1/2	49,310	1/2	61,275	1/2	73,237	1/2	85,214	1/2	97,191	1/2	109,169
3/4	1,926	3/4	13,899	3/4	25,877	3/4	37,595	3/4	49,560	3/4	61,524	3/4	73,487	3/4	85,464	3/4	97,441	3/4	109,418
4	2,163	4	14,148	4	26,126	4	37,838	4	49,809	4	61,773	4	73,736	4	85,714	4	97,690	4	109,668
1/4	2,413	1/4	14,398	1/4	26,376	1/4	38,087	1/4	50,059	1/4	62,022	1/4	73,986	1/4	85,963	1/4	97,940	1/4	109,917
1/2	2,662	1/2	14,647	1/2	26,625	1/2	38,337	1/2	50,308	1/2	62,271	1/2	74,235	1/2	86,213	1/2	98,189	1/2	110,167
3/4	2,912	3/4	14,897	3/4	26,875	3/4	38,586	3/4	50,557	3/4	62,520	3/4	74,485	3/4	86,462	3/4	98,439	3/4	110,416
5	3,161	5	15,146	5	27,124	5	38,835	5	50,807	5	62,769	5	74,734	5	86,712	5	98,688	5	110,666
1/4	3,411	1/4	15,396	1/4	27,374	1/4	39,085	1/4	51,056	1/4	63,018	1/4	74,984	1/4	86,961	1/4	98,938	1/4	110,915
1/2	3,661	1/2	15,645	1/2	27,623	1/2	39,334	1/2	51,306	1/2	63,267	1/2	75,233	1/2	87,211	1/2	99,187	1/2	111,165
3/4	3,911	3/4	15,895	3/4	27,873	3/4	39,584	3/4	51,555	3/4	63,515	3/4	75,483	3/4	87,460	3/4	99,437	3/4	111,414
6	4,161	6	16,145	6	28,122	6	39,833	6	51,804	6	63,764	6	75,732	6	87,710	6	99,686	6	111,664
1/4	4,411	1/4	16,394	1/4	28,365	1/4	40,082	1/4	52,054	1/4	64,013	1/4	75,982	1/4	87,959	1/4	99,936	1/4	111,913
1/2	4,661	1/2	16,644	1/2	28,608	1/2	40,332	1/2	52,303	1/2	64,262	1/2	76,231	1/2	88,209	1/2	100,185	1/2	112,163
3/4	4,911	3/4	16,893	3/4	28,851	3/4	40,581	3/4	52,553	3/4	64,511	3/4	76,481	3/4	88,458	3/4	100,435	3/4	112,412
7	5,161	7	17,143	7	29,094	7	40,831	7	52,802	7	64,760	7	76,730	7	88,708	7	100,685	7	112,662
1/4	5,411	1/4	17,392	1/4	29,337	1/4	41,080	1/4	53,051	1/4	65,009	1/4	76,980	1/4	88,957	1/4	100,934	1/4	112,912
1/2	5,661	1/2	17,642	1/2	29,580	1/2	41,329	1/2	53,301	1/2	65,258	1/2	77,229	1/2	89,207	1/2	101,184	1/2	113,161
3/4	5,910	3/4	17,891	3/4	29,823	3/4	41,579	3/4	53,550	3/4	65,507	3/4	77,479	3/4	89,457	3/4	101,433	3/4	113,411
8	6,160	8	18,141	8	30,065	8	41,828	8	53,800	8	65,756	8	77,729	8	89,706	8	101,683	8	113,660
1/4	6,410	1/4	18,390	1/4	30,308	1/4	42,078	1/4	54,049	1/4	66,005	1/4	77,978	1/4	89,956	1/4	101,932	1/4	113,910
1/2	6,660	1/2	18,640	1/2	30,551	1/2	42,327	1/2	54,298	1/2	66,254	1/2	78,228	1/2	90,205	1/2	102,182	1/2	114,159
3/4	6,909	3/4	18,889	3/4	30,794	3/4	42,576	3/4	54,548	3/4	66,503	3/4	78,477	3/4	90,455	3/4	102,431	3/4	114,409
9	7,159	9	19,139	9	31,037	9	42,826	9	54,797	9	66,752	9	78,727	9	90,704	9	102,681	9	114,658
1/4	7,409	1/4	19,389	1/4	31,280	1/4	43,075	1/4	55,047	1/4	67,001	1/4	78,976	1/4	90,954	1/4	102,930	1/4	114,908
1/2	7,658	1/2	19,638	1/2	31,523	1/2	43,325	1/2	55,296	1/2	67,249	1/2	79,226	1/2	91,203	1/2	103,180	1/2	115,157
3/4	7,908	3/4	19,888	3/4	31,766	3/4	43,574	3/4	55,545	3/4	67,498	3/4	79,475	3/4	91,453	3/4	103,429	3/4	115,407
10	8,158	10	20,137	10	32,008	10	43,824	10	55,795	10	67,747	10	79,725	10	91,702	10	103,679	10	115,656
1/4	8,408	1/4	20,387	1/4	32,251	1/4	44,073	1/4	56,044	1/4	67,997	1/4	79,974	1/4	91,952	1/4	103,928	1/4	115,906
1/2	8,658	1/2	20,636	1/2	32,494	1/2	44,322	1/2	56,294	1/2	68,246	1/2	80,224	1/2	92,201	1/2	104,178	1/2	116,155
3/4	8,907	3/4	20,886	3/4	32,737	3/4	44,572	3/4	56,543	3/4	68,496	3/4	80,473	3/4	92,451	3/4	104,428	3/4	116,405
11	9,157	11	21,135	11	32,980	11	44,821	11	56,792	11	68,745	11	80,723	11	92,700	11	104,677	11	116,655
1/4	9,407	1/4	21,385	1/4	33,223	1/4	45,071	1/4	57,042	1/4	68,995	1/4	80,972	1/4	92,950	1/4	104,927	1/4	116,905
1/2	9,656	1/2	21,634	1/2	33,466	1/2	45,320	1/2	57,291	1/2	69,244	1/2	81,222	1/2	93,199	1/2	105,176	1/2	117,155
3/4	9,906	3/4	21,884	3/4	33,709	3/4	45,569	3/4	57,541	3/4	69,494	3/4	81,472	3/4	93,449	3/4	105,426	3/4	117,405

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'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "IB 1975"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,655	0	128,242	0	136,000	0	143,759	0	151,509	0		0		0		0		0	
1/4	117,905	1/4	128,403	1/4	136,162	1/4	143,921	1/4	151,647	1/4		1/4		1/4		1/4		1/4	
1/2	118,155	1/2	128,565	1/2	136,324	1/2	144,082	1/2	151,784	1/2		1/2		1/2		1/2		1/2	
3/4	118,405	3/4	128,727	3/4	136,485	3/4	144,244	3/4	151,921	3/4		3/4		3/4		3/4		3/4	
1	118,655	1	128,888	1	136,647	1	144,406	1	152,059	1		1		1		1		1	
1/4	118,905	1/4	129,050	1/4	136,809	1/4	144,567	1/4	152,116	1/4		1/4		1/4		1/4		1/4	
1/2	119,155	1/2	129,212	1/2	136,970	1/2	144,729	1/2	152,173	1/2		1/2		1/2		1/2		1/2	
3/4	119,405	3/4	129,373	3/4	137,132	3/4	144,890	3/4	152,231	3/4		3/4		3/4		3/4		3/4	
2	119,655	2	129,535	2	137,293	2	145,052	2	152,288	2		2		2		2		2	
1/4	119,905	1/4	129,696	1/4	137,455	1/4	145,214	1/4	152,351	1/4		1/4		1/4		1/4		1/4	
1/2	120,155	1/2	129,858	1/2	137,617	1/2	145,375	1/2	152,413	1/2		1/2		1/2		1/2		1/2	
3/4	120,405	3/4	130,020	3/4	137,778	3/4	145,537	3/4	152,476	3/4		3/4		3/4		3/4		3/4	
3	120,655	3	130,181	3	137,940	3	145,699	3	152,538	3		3		3		3		3	
1/4	120,905	1/4	130,343	1/4	138,102	1/4	145,860	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	121,155	1/2	130,505	1/2	138,263	1/2	146,022	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	121,405	3/4	130,666	3/4	138,425	3/4	146,184	3/4	152,549	3/4		3/4		3/4		3/4		3/4	
4	121,655	4	130,828	4	138,587	4	146,345	4	152,549	4		4		4		4		4	
1/4	121,905	1/4	130,990	1/4	138,748	1/4	146,507	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	122,155	1/2	131,151	1/2	138,910	1/2	146,669	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	122,405	3/4	131,313	3/4	139,072	3/4	146,830	3/4	152,549	3/4		3/4		3/4		3/4		3/4	
5	122,655	5	131,475	5	139,233	5	146,992	5	152,549	5		5		5		5		5	
1/4	122,905	1/4	131,636	1/4	139,395	1/4	147,153	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	123,155	1/2	131,798	1/2	139,556	1/2	147,315	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	123,405	3/4	131,959	3/4	139,718	3/4	147,477	3/4	152,549	3/4		3/4		3/4		3/4		3/4	
6	123,655	6	132,121	6	139,880	6	147,638	6	152,549	6		6		6		6		6	
1/4	123,905	1/4	132,283	1/4	140,041	1/4	147,800	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	124,155	1/2	132,444	1/2	140,203	1/2	147,962	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	124,405	3/4	132,606	3/4	140,365	3/4	148,123	3/4	152,549	3/4		3/4		3/4		3/4		3/4	
7	124,655	7	132,768	7	140,526	7	148,285	7	152,549	7		7		7		7		7	
1/4	124,905	1/4	132,929	1/4	140,688	1/4	148,447	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	125,155	1/2	133,091	1/2	140,850	1/2	148,608	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	125,405	3/4	133,253	3/4	141,011	3/4	148,770	3/4	152,549	3/4		3/4		3/4		3/4		3/4	
8	125,656	8	133,414	8	141,173	8	148,931	8	152,549	8		8		8		8		8	
1/4	125,817	1/4	133,576	1/4	141,334	1/4	149,093	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	125,979	1/2	133,737	1/2	141,496	1/2	149,255	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	126,140	3/4	133,899	3/4	141,658	3/4	149,416	3/4	152,549	3/4		3/4		3/4		3/4		3/4	
9	126,302	9	134,061	9	141,819	9	149,578	9	152,549	9		9		9		9		9	
1/4	126,464	1/4	134,222	1/4	141,981	1/4	149,740	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	126,625	1/2	134,384	1/2	142,143	1/2	149,901	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	126,787	3/4	134,546	3/4	142,304	3/4	150,063	3/4	152,549	3/4		3/4		3/4		3/4		3/4	
10	126,949	10	134,707	10	142,466	10	150,224	10	152,549	10		10		10		10		10	
1/4	127,110	1/4	134,869	1/4	142,628	1/4	150,386	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	127,272	1/2	135,031	1/2	142,789	1/2	150,547	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	127,434	3/4	135,192	3/4	142,951	3/4	150,708	3/4	152,549	3/4		3/4		3/4		3/4		3/4	
11	127,595	11	135,354	11	143,112	11	150,869	11	152,549	11		11		11		11		11	
1/4	127,757	1/4	135,515	1/4	143,274	1/4	151,029	1/4	152,549	1/4		1/4		1/4		1/4		1/4	
1/2	127,918	1/2	135,677	1/2	143,436	1/2	151,189	1/2	152,549	1/2		1/2		1/2		1/2		1/2	
3/4	128,080	3/4	135,839	3/4	143,597	3/4	151,349	3/4	152,549	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/2016 CL  
CALCULATED: 05/19/2016 CL  
PRINTED: 05/19/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2016

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



# BARGE "IB 1975"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

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	10,075	0	21,573	0	32,902	0	44,287	0	55,786	0	67,284	0	78,782	0	90,280	0	101,778
1/4	66	1/4	10,315	1/4	21,812	1/4	33,134	1/4	44,527	1/4	56,025	1/4	67,523	1/4	79,021	1/4	90,519	1/4	102,018
1/2	106	1/2	10,554	1/2	22,052	1/2	33,367	1/2	44,767	1/2	56,265	1/2	67,763	1/2	79,261	1/2	90,759	1/2	102,257
3/4	146	3/4	10,794	3/4	22,291	3/4	33,599	3/4	45,006	3/4	56,504	3/4	68,002	3/4	79,500	3/4	90,999	3/4	102,497
1	186	1	11,033	1	22,531	1	33,832	1	45,246	1	56,744	1	68,242	1	79,740	1	91,238	1	102,736
1/4	306	1/4	11,273	1/4	22,770	1/4	34,064	1/4	45,485	1/4	56,983	1/4	68,481	1/4	79,980	1/4	91,478	1/4	102,976
1/2	425	1/2	11,512	1/2	23,010	1/2	34,297	1/2	45,725	1/2	57,223	1/2	68,721	1/2	80,219	1/2	91,717	1/2	103,215
3/4	545	3/4	11,752	3/4	23,250	3/4	34,529	3/4	45,964	3/4	57,462	3/4	68,961	3/4	80,459	3/4	91,957	3/4	103,455
2	665	2	11,991	2	23,489	2	34,762	2	46,204	2	57,702	2	69,200	2	80,698	2	92,196	2	103,694
1/4	864	1/4	12,231	1/4	23,729	1/4	34,994	1/4	46,443	1/4	57,941	1/4	69,440	1/4	80,938	1/4	92,436	1/4	103,934
1/2	1,064	1/2	12,470	1/2	23,968	1/2	35,227	1/2	46,683	1/2	58,181	1/2	69,679	1/2	81,177	1/2	92,675	1/2	104,174
3/4	1,263	3/4	12,710	3/4	24,208	3/4	35,459	3/4	46,922	3/4	58,421	3/4	69,919	3/4	81,417	3/4	92,915	3/4	104,413
3	1,463	3	12,949	3	24,447	3	35,692	3	47,162	3	58,660	3	70,158	3	81,656	3	93,154	3	104,653
1/4	1,700	1/4	13,189	1/4	24,687	1/4	35,924	1/4	47,402	1/4	58,900	1/4	70,398	1/4	81,896	1/4	93,394	1/4	104,892
1/2	1,938	1/2	13,429	1/2	24,926	1/2	36,157	1/2	47,641	1/2	59,139	1/2	70,637	1/2	82,135	1/2	93,634	1/2	105,132
3/4	2,175	3/4	13,668	3/4	25,166	3/4	36,389	3/4	47,881	3/4	59,379	3/4	70,877	3/4	82,375	3/4	93,873	3/4	105,371
4	2,413	4	13,908	4	25,405	4	36,622	4	48,120	4	59,618	4	71,116	4	82,615	4	94,113	4	105,611
1/4	2,652	1/4	14,147	1/4	25,645	1/4	36,862	1/4	48,360	1/4	59,858	1/4	71,356	1/4	82,854	1/4	94,352	1/4	105,850
1/2	2,891	1/2	14,387	1/2	25,884	1/2	37,101	1/2	48,599	1/2	60,097	1/2	71,595	1/2	83,094	1/2	94,592	1/2	106,090
3/4	3,130	3/4	14,626	3/4	26,124	3/4	37,341	3/4	48,839	3/4	60,337	3/4	71,835	3/4	83,333	3/4	94,831	3/4	106,329
5	3,369	5	14,866	5	26,363	5	37,580	5	49,078	5	60,576	5	72,075	5	83,573	5	95,071	5	106,569
1/4	3,608	1/4	15,105	1/4	26,603	1/4	37,820	1/4	49,318	1/4	60,816	1/4	72,314	1/4	83,812	1/4	95,310	1/4	106,808
1/2	3,847	1/2	15,345	1/2	26,843	1/2	38,059	1/2	49,557	1/2	61,056	1/2	72,554	1/2	84,052	1/2	95,550	1/2	107,048
3/4	4,087	3/4	15,584	3/4	27,082	3/4	38,299	3/4	49,797	3/4	61,295	3/4	72,793	3/4	84,291	3/4	95,789	3/4	107,288
6	4,326	6	15,824	6	27,322	6	38,538	6	50,037	6	61,535	6	73,033	6	84,531	6	96,029	6	107,527
1/4	4,566	1/4	16,063	1/4	27,554	1/4	38,778	1/4	50,276	1/4	61,774	1/4	73,272	1/4	84,770	1/4	96,269	1/4	107,767
1/2	4,805	1/2	16,303	1/2	27,787	1/2	39,017	1/2	50,516	1/2	62,014	1/2	73,512	1/2	85,010	1/2	96,508	1/2	108,006
3/4	5,045	3/4	16,543	3/4	28,019	3/4	39,257	3/4	50,755	3/4	62,253	3/4	73,751	3/4	85,250	3/4	96,748	3/4	108,246
7	5,285	7	16,782	7	28,252	7	39,497	7	50,995	7	62,493	7	73,991	7	85,489	7	96,987	7	108,485
1/4	5,524	1/4	17,022	1/4	28,484	1/4	39,736	1/4	51,234	1/4	62,732	1/4	74,230	1/4	85,729	1/4	97,227	1/4	108,725
1/2	5,764	1/2	17,261	1/2	28,717	1/2	39,976	1/2	51,474	1/2	62,972	1/2	74,470	1/2	85,968	1/2	97,466	1/2	108,964
3/4	6,003	3/4	17,501	3/4	28,949	3/4	40,215	3/4	51,713	3/4	63,211	3/4	74,710	3/4	86,208	3/4	97,706	3/4	109,204
8	6,243	8	17,740	8	29,182	8	40,455	8	51,953	8	63,451	8	74,949	8	86,447	8	97,945	8	109,443
1/4	6,482	1/4	17,980	1/4	29,414	1/4	40,694	1/4	52,192	1/4	63,691	1/4	75,189	1/4	86,687	1/4	98,185	1/4	109,683
1/2	6,722	1/2	18,219	1/2	29,647	1/2	40,934	1/2	52,432	1/2	63,930	1/2	75,428	1/2	86,926	1/2	98,424	1/2	109,923
3/4	6,961	3/4	18,459	3/4	29,879	3/4	41,173	3/4	52,671	3/4	64,170	3/4	75,668	3/4	87,166	3/4	98,664	3/4	110,162
9	7,201	9	18,698	9	30,112	9	41,413	9	52,911	9	64,409	9	75,907	9	87,405	9	98,904	9	110,402
1/4	7,440	1/4	18,938	1/4	30,344	1/4	41,652	1/4	53,151	1/4	64,649	1/4	76,147	1/4	87,645	1/4	99,143	1/4	110,641
1/2	7,680	1/2	19,177	1/2	30,577	1/2	41,892	1/2	53,390	1/2	64,888	1/2	76,386	1/2	87,884	1/2	99,383	1/2	110,881
3/4	7,919	3/4	19,417	3/4	30,809	3/4	42,132	3/4	53,630	3/4	65,128	3/4	76,626	3/4	88,124	3/4	99,622	3/4	111,120
10	8,159	10	19,656	10	31,042	10	42,371	10	53,869	10	65,367	10	76,865	10	88,364	10	99,862	10	111,360
1/4	8,398	1/4	19,896	1/4	31,274	1/4	42,611	1/4	54,109	1/4	65,607	1/4	77,105	1/4	88,603	1/4	100,101	1/4	111,599
1/2	8,638	1/2	20,136	1/2	31,507	1/2	42,850	1/2	54,348	1/2	65,846	1/2	77,345	1/2	88,843	1/2	100,341	1/2	111,839
3/4	8,877	3/4	20,375	3/4	31,739	3/4	43,090	3/4	54,588	3/4	66,086	3/4	77,584	3/4	89,082	3/4	100,580	3/4	112,078
11	9,117	11	20,615	11	31,972	11	43,329	11	54,827	11	66,326	11	77,824	11	89,322	11	100,820	11	112,318
1/4	9,356	1/4	20,854	1/4	32,204	1/4	43,569	1/4	55,067	1/4	66,565	1/4	78,063	1/4	89,561	1/4	101,059	1/4	112,558
1/2	9,596	1/2	21,094	1/2	32,437	1/2	43,808	1/2	55,306	1/2	66,805	1/2	78,303	1/2	89,801	1/2	101,299	1/2	112,797
3/4	9,836	3/4	21,333	3/4	32,669	3/4	44,048	3/4	55,546	3/4	67,044	3/4	78,542	3/4	90,040	3/4	101,539	3/4	113,037

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 1975"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	113,276	0	124,774	0	136,272	0	147,771	0	159,261	0		0		0		0		0	
1/4	113,516	1/4	125,014	1/4	136,512	1/4	148,010	1/4	159,477	1/4		1/4		1/4		1/4		1/4	
1/2	113,755	1/2	125,253	1/2	136,752	1/2	148,250	1/2	159,693	1/2		1/2		1/2		1/2		1/2	
3/4	113,995	3/4	125,493	3/4	136,991	3/4	148,489	3/4	159,909	3/4		3/4		3/4		3/4		3/4	
1	114,234	1	125,732	1	137,231	1	148,729	1	160,126	1		1		1		1		1	
1/4	114,474	1/4	125,972	1/4	137,470	1/4	148,968	1/4	160,265	1/4		1/4		1/4		1/4		1/4	
1/2	114,713	1/2	126,212	1/2	137,710	1/2	149,208	1/2	160,405	1/2		1/2		1/2		1/2		1/2	
3/4	114,953	3/4	126,451	3/4	137,949	3/4	149,447	3/4	160,545	3/4		3/4		3/4		3/4		3/4	
2	115,193	2	126,691	2	138,189	2	149,687	2	160,685	2		2		2		2		2	
1/4	115,432	1/4	126,930	1/4	138,428	1/4	149,926	1/4	160,744	1/4		1/4		1/4		1/4		1/4	
1/2	115,672	1/2	127,170	1/2	138,668	1/2	150,166	1/2	160,804	1/2		1/2		1/2		1/2		1/2	
3/4	115,911	3/4	127,409	3/4	138,907	3/4	150,406	3/4	160,864	3/4		3/4		3/4		3/4		3/4	
3	116,151	3	127,649	3	139,147	3	150,645	3	160,924	3		3		3		3		3	
1/4	116,390	1/4	127,888	1/4	139,386	1/4	150,885	1/4	160,934	1/4		1/4		1/4		1/4		1/4	
1/2	116,630	1/2	128,128	1/2	139,626	1/2	151,124	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,869	3/4	128,367	3/4	139,866	3/4	151,364	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,109	4	128,607	4	140,105	4	151,603	4		4		4		4		4		4	
1/4	117,348	1/4	128,847	1/4	140,345	1/4	151,843	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,588	1/2	129,086	1/2	140,584	1/2	152,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,828	3/4	129,326	3/4	140,824	3/4	152,322	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,067	5	129,565	5	141,063	5	152,561	5		5		5		5		5		5	
1/4	118,307	1/4	129,805	1/4	141,303	1/4	152,801	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,546	1/2	130,044	1/2	141,542	1/2	153,041	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,786	3/4	130,284	3/4	141,782	3/4	153,280	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,025	6	130,523	6	142,021	6	153,520	6		6		6		6		6		6	
1/4	119,265	1/4	130,763	1/4	142,261	1/4	153,759	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,504	1/2	131,002	1/2	142,501	1/2	153,999	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,744	3/4	131,242	3/4	142,740	3/4	154,238	3/4		3/4		3/4		3/4		3/4		3/4	
7	119,983	7	131,482	7	142,980	7	154,478	7		7		7		7		7		7	
1/4	120,223	1/4	131,721	1/4	143,219	1/4	154,717	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,463	1/2	131,961	1/2	143,459	1/2	154,957	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,702	3/4	132,200	3/4	143,698	3/4	155,196	3/4		3/4		3/4		3/4		3/4		3/4	
8	120,942	8	132,440	8	143,938	8	155,436	8		8		8		8		8		8	
1/4	121,181	1/4	132,679	1/4	144,177	1/4	155,676	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,421	1/2	132,919	1/2	144,417	1/2	155,915	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,660	3/4	133,158	3/4	144,656	3/4	156,155	3/4		3/4		3/4		3/4		3/4		3/4	
9	121,900	9	133,398	9	144,896	9	156,394	9		9		9		9		9		9	
1/4	122,139	1/4	133,637	1/4	145,136	1/4	156,634	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,379	1/2	133,877	1/2	145,375	1/2	156,873	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,618	3/4	134,117	3/4	145,615	3/4	157,113	3/4		3/4		3/4		3/4		3/4		3/4	
10	122,858	10	134,356	10	145,854	10	157,352	10		10		10		10		10		10	
1/4	123,097	1/4	134,596	1/4	146,094	1/4	157,591	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,337	1/2	134,835	1/2	146,333	1/2	157,830	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,577	3/4	135,075	3/4	146,573	3/4	158,070	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,816	11	135,314	11	146,812	11	158,309	11		11		11		11		11		11	
1/4	124,056	1/4	135,554	1/4	147,052	1/4	158,547	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,295	1/2	135,793	1/2	147,291	1/2	158,785	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,535	3/4	136,033	3/4	147,531	3/4	159,023	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/2016 CL  
CALCULATED: 05/19/2016 CL  
PRINTED: 05/19/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2016

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



# BARGE "IB 1975"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 3/4"

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	10,023	0	21,461	0	32,888	0	44,320	0	55,758	0	67,196	0	78,634	0	90,073	0	101,511
1/4	66	1/4	10,261	1/4	21,699	1/4	33,126	1/4	44,558	1/4	55,996	1/4	67,434	1/4	78,873	1/4	90,311	1/4	101,749
1/2	106	1/2	10,499	1/2	21,937	1/2	33,364	1/2	44,796	1/2	56,234	1/2	67,673	1/2	79,111	1/2	90,549	1/2	101,988
3/4	145	3/4	10,738	3/4	22,176	3/4	33,602	3/4	45,034	3/4	56,473	3/4	67,911	3/4	79,349	3/4	90,788	3/4	102,226
1	185	1	10,976	1	22,414	1	33,839	1	45,273	1	56,711	1	68,149	1	79,588	1	91,026	1	102,464
1/4	304	1/4	11,214	1/4	22,652	1/4	34,077	1/4	45,511	1/4	56,949	1/4	68,388	1/4	79,826	1/4	91,264	1/4	102,703
1/2	423	1/2	11,453	1/2	22,891	1/2	34,315	1/2	45,749	1/2	57,188	1/2	68,626	1/2	80,064	1/2	91,503	1/2	102,941
3/4	543	3/4	11,691	3/4	23,129	3/4	34,553	3/4	45,988	3/4	57,426	3/4	68,864	3/4	80,303	3/4	91,741	3/4	103,179
2	662	2	11,929	2	23,367	2	34,791	2	46,226	2	57,664	2	69,103	2	80,541	2	91,979	2	103,417
1/4	860	1/4	12,168	1/4	23,605	1/4	35,029	1/4	46,464	1/4	57,903	1/4	69,341	1/4	80,779	1/4	92,217	1/4	103,656
1/2	1,059	1/2	12,406	1/2	23,844	1/2	35,267	1/2	46,703	1/2	58,141	1/2	69,579	1/2	81,017	1/2	92,456	1/2	103,894
3/4	1,257	3/4	12,644	3/4	24,082	3/4	35,504	3/4	46,941	3/4	58,379	3/4	69,817	3/4	81,256	3/4	92,694	3/4	104,132
3	1,456	3	12,882	3	24,320	3	35,742	3	47,179	3	58,617	3	70,056	3	81,494	3	92,932	3	104,371
1/4	1,692	1/4	13,121	1/4	24,559	1/4	35,980	1/4	47,417	1/4	58,856	1/4	70,294	1/4	81,732	1/4	93,171	1/4	104,609
1/2	1,928	1/2	13,359	1/2	24,797	1/2	36,218	1/2	47,656	1/2	59,094	1/2	70,532	1/2	81,971	1/2	93,409	1/2	104,847
3/4	2,164	3/4	13,597	3/4	25,035	3/4	36,456	3/4	47,894	3/4	59,332	3/4	70,771	3/4	82,209	3/4	93,647	3/4	105,086
4	2,401	4	13,836	4	25,273	4	36,694	4	48,132	4	59,571	4	71,009	4	82,447	4	93,886	4	105,324
1/4	2,638	1/4	14,074	1/4	25,512	1/4	36,932	1/4	48,371	1/4	59,809	1/4	71,247	1/4	82,686	1/4	94,124	1/4	105,562
1/2	2,876	1/2	14,312	1/2	25,750	1/2	37,171	1/2	48,609	1/2	60,047	1/2	71,486	1/2	82,924	1/2	94,362	1/2	105,800
3/4	3,114	3/4	14,550	3/4	25,988	3/4	37,409	3/4	48,847	3/4	60,286	3/4	71,724	3/4	83,162	3/4	94,600	3/4	106,039
5	3,351	5	14,789	5	26,227	5	37,647	5	49,085	5	60,524	5	71,962	5	83,400	5	94,839	5	106,277
1/4	3,590	1/4	15,027	1/4	26,465	1/4	37,885	1/4	49,324	1/4	60,762	1/4	72,200	1/4	83,639	1/4	95,077	1/4	106,515
1/2	3,828	1/2	15,265	1/2	26,703	1/2	38,124	1/2	49,562	1/2	61,000	1/2	72,439	1/2	83,877	1/2	95,315	1/2	106,754
3/4	4,066	3/4	15,504	3/4	26,941	3/4	38,362	3/4	49,800	3/4	61,239	3/4	72,677	3/4	84,115	3/4	95,554	3/4	106,992
6	4,304	6	15,742	6	27,180	6	38,600	6	50,039	6	61,477	6	72,915	6	84,354	6	95,792	6	107,230
1/4	4,542	1/4	15,980	1/4	27,418	1/4	38,839	1/4	50,277	1/4	61,715	1/4	73,154	1/4	84,592	1/4	96,030	1/4	107,469
1/2	4,781	1/2	16,218	1/2	27,655	1/2	39,077	1/2	50,515	1/2	61,954	1/2	73,392	1/2	84,830	1/2	96,269	1/2	107,707
3/4	5,019	3/4	16,457	3/4	27,893	3/4	39,315	3/4	50,754	3/4	62,192	3/4	73,630	3/4	85,069	3/4	96,507	3/4	107,945
7	5,257	7	16,695	7	28,131	7	39,554	7	50,992	7	62,430	7	73,869	7	85,307	7	96,745	7	108,183
1/4	5,496	1/4	16,933	1/4	28,369	1/4	39,792	1/4	51,230	1/4	62,668	1/4	74,107	1/4	85,545	1/4	96,983	1/4	108,422
1/2	5,734	1/2	17,172	1/2	28,607	1/2	40,030	1/2	51,468	1/2	62,907	1/2	74,345	1/2	85,783	1/2	97,222	1/2	108,660
3/4	5,972	3/4	17,410	3/4	28,845	3/4	40,268	3/4	51,707	3/4	63,145	3/4	74,583	3/4	86,022	3/4	97,460	3/4	108,898
8	6,210	8	17,648	8	29,082	8	40,507	8	51,945	8	63,383	8	74,822	8	86,260	8	97,698	8	109,137
1/4	6,449	1/4	17,886	1/4	29,320	1/4	40,745	1/4	52,183	1/4	63,622	1/4	75,060	1/4	86,498	1/4	97,937	1/4	109,375
1/2	6,687	1/2	18,125	1/2	29,558	1/2	40,983	1/2	52,422	1/2	63,860	1/2	75,298	1/2	86,737	1/2	98,175	1/2	109,613
3/4	6,925	3/4	18,363	3/4	29,796	3/4	41,222	3/4	52,660	3/4	64,098	3/4	75,537	3/4	86,975	3/4	98,413	3/4	109,852
9	7,163	9	18,601	9	30,034	9	41,460	9	52,898	9	64,337	9	75,775	9	87,213	9	98,652	9	110,090
1/4	7,402	1/4	18,840	1/4	30,272	1/4	41,698	1/4	53,137	1/4	64,575	1/4	76,013	1/4	87,452	1/4	98,890	1/4	110,328
1/2	7,640	1/2	19,078	1/2	30,510	1/2	41,937	1/2	53,375	1/2	64,813	1/2	76,251	1/2	87,690	1/2	99,128	1/2	110,566
3/4	7,878	3/4	19,316	3/4	30,747	3/4	42,175	3/4	53,613	3/4	65,051	3/4	76,490	3/4	87,928	3/4	99,366	3/4	110,805
10	8,117	10	19,554	10	30,985	10	42,413	10	53,851	10	65,290	10	76,728	10	88,166	10	99,605	10	111,043
1/4	8,355	1/4	19,793	1/4	31,223	1/4	42,651	1/4	54,090	1/4	65,528	1/4	76,966	1/4	88,405	1/4	99,843	1/4	111,281
1/2	8,593	1/2	20,031	1/2	31,461	1/2	42,890	1/2	54,328	1/2	65,766	1/2	77,205	1/2	88,643	1/2	100,081	1/2	111,520
3/4	8,831	3/4	20,269	3/4	31,699	3/4	43,128	3/4	54,566	3/4	66,005	3/4	77,443	3/4	88,881	3/4	100,320	3/4	111,758
11	9,070	11	20,508	11	31,937	11	43,366	11	54,805	11	66,243	11	77,681	11	89,120	11	100,558	11	111,996
1/4	9,308	1/4	20,746	1/4	32,174	1/4	43,605	1/4	55,043	1/4	66,481	1/4	77,920	1/4	89,358	1/4	100,796	1/4	112,235
1/2	9,546	1/2	20,984	1/2	32,412	1/2	43,843	1/2	55,281	1/2	66,720	1/2	78,158	1/2	89,596	1/2	101,035	1/2	112,473
3/4	9,785	3/4	21,223	3/4	32,650	3/4	44,081	3/4	55,520	3/4	66,958	3/4	78,396	3/4	89,834	3/4	101,273	3/4	112,711

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "IB 1975"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	112,949	0	124,388	0	135,826	0	147,264	0	158,695	0		0		0		0		0	
1/4	113,188	1/4	124,626	1/4	136,064	1/4	147,503	1/4	158,910	1/4		1/4		1/4		1/4		1/4	
1/2	113,426	1/2	124,864	1/2	136,303	1/2	147,741	1/2	159,125	1/2		1/2		1/2		1/2		1/2	
3/4	113,664	3/4	125,103	3/4	136,541	3/4	147,979	3/4	159,340	3/4		3/4		3/4		3/4		3/4	
1	113,903	1	125,341	1	136,779	1	148,218	1	159,555	1		1		1		1		1	
1/4	114,141	1/4	125,579	1/4	137,018	1/4	148,456	1/4	159,694	1/4		1/4		1/4		1/4		1/4	
1/2	114,379	1/2	125,818	1/2	137,256	1/2	148,694	1/2	159,833	1/2		1/2		1/2		1/2		1/2	
3/4	114,618	3/4	126,056	3/4	137,494	3/4	148,932	3/4	159,972	3/4		3/4		3/4		3/4		3/4	
2	114,856	2	126,294	2	137,732	2	149,171	2	160,111	2		2		2		2		2	
1/4	115,094	1/4	126,532	1/4	137,971	1/4	149,409	1/4	160,171	1/4		1/4		1/4		1/4		1/4	
1/2	115,332	1/2	126,771	1/2	138,209	1/2	149,647	1/2	160,230	1/2		1/2		1/2		1/2		1/2	
3/4	115,571	3/4	127,009	3/4	138,447	3/4	149,886	3/4	160,290	3/4		3/4		3/4		3/4		3/4	
3	115,809	3	127,247	3	138,686	3	150,124	3	160,350	3		3		3		3		3	
1/4	116,047	1/4	127,486	1/4	138,924	1/4	150,362	1/4	160,359	1/4		1/4		1/4		1/4		1/4	
1/2	116,286	1/2	127,724	1/2	139,162	1/2	150,601	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,524	3/4	127,962	3/4	139,401	3/4	150,839	3/4		3/4		3/4		3/4		3/4		3/4	
4	116,762	4	128,201	4	139,639	4	151,077	4		4		4		4		4		4	
1/4	117,001	1/4	128,439	1/4	139,877	1/4	151,315	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,239	1/2	128,677	1/2	140,115	1/2	151,554	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,477	3/4	128,915	3/4	140,354	3/4	151,792	3/4		3/4		3/4		3/4		3/4		3/4	
5	117,715	5	129,154	5	140,592	5	152,030	5		5		5		5		5		5	
1/4	117,954	1/4	129,392	1/4	140,830	1/4	152,269	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,192	1/2	129,630	1/2	141,069	1/2	152,507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,430	3/4	129,869	3/4	141,307	3/4	152,745	3/4		3/4		3/4		3/4		3/4		3/4	
6	118,669	6	130,107	6	141,545	6	152,984	6		6		6		6		6		6	
1/4	118,907	1/4	130,345	1/4	141,784	1/4	153,222	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,145	1/2	130,584	1/2	142,022	1/2	153,460	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,383	3/4	130,822	3/4	142,260	3/4	153,698	3/4		3/4		3/4		3/4		3/4		3/4	
7	119,622	7	131,060	7	142,498	7	153,937	7		7		7		7		7		7	
1/4	119,860	1/4	131,298	1/4	142,737	1/4	154,175	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,098	1/2	131,537	1/2	142,975	1/2	154,413	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,337	3/4	131,775	3/4	143,213	3/4	154,652	3/4		3/4		3/4		3/4		3/4		3/4	
8	120,575	8	132,013	8	143,452	8	154,890	8		8		8		8		8		8	
1/4	120,813	1/4	132,252	1/4	143,690	1/4	155,128	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,052	1/2	132,490	1/2	143,928	1/2	155,367	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,290	3/4	132,728	3/4	144,167	3/4	155,605	3/4		3/4		3/4		3/4		3/4		3/4	
9	121,528	9	132,966	9	144,405	9	155,843	9		9		9		9		9		9	
1/4	121,766	1/4	133,205	1/4	144,643	1/4	156,081	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,005	1/2	133,443	1/2	144,881	1/2	156,320	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,243	3/4	133,681	3/4	145,120	3/4	156,558	3/4		3/4		3/4		3/4		3/4		3/4	
10	122,481	10	133,920	10	145,358	10	156,796	10		10		10		10		10		10	
1/4	122,720	1/4	134,158	1/4	145,596	1/4	157,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,958	1/2	134,396	1/2	145,835	1/2	157,272	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,196	3/4	134,635	3/4	146,073	3/4	157,510	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,435	11	134,873	11	146,311	11	157,748	11		11		11		11		11		11	
1/4	123,673	1/4	135,111	1/4	146,549	1/4	157,985	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,911	1/2	135,349	1/2	146,788	1/2	158,221	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,149	3/4	135,588	3/4	147,026	3/4	158,458	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/2016 CL  
CALCULATED: 05/19/2016 CL  
PRINTED: 05/19/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2016

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