



# BARGE "IB 1975"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-0/8	- 00-0/8	00-1/8	- 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 ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

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 ULLAGE 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		0		0	146,184	0	138,425	0	130,666	0	121,405	0	109,418	0	97,441	0	85,464	0	73,487	
1/4	1/4		1/4		146,022	1/4	138,263	1/4	130,505	1/4	121,155	1/4	109,169	1/4	97,191	1/4	85,215	1/4	73,237	
1/2	1/2	152,549	1/2	145,861	1/2	138,102	1/2	130,343	1/2	120,905	1/2	108,919	1/2	96,942	1/2	84,965	1/2	72,988		
3/4	3/4	152,539	3/4	145,699	3/4	137,940	3/4	130,182	3/4	120,655	3/4	108,670	3/4	96,692	3/4	84,716	3/4	72,738		
1	1	152,476	1	145,537	1	137,779	1	130,020	1	120,405	1	108,420	1	96,443	1	84,466	1	72,489		
1/4	1/4	152,414	1/4	145,376	1/4	137,617	1/4	129,858	1/4	120,155	1/4	108,171	1/4	96,193	1/4	84,217	1/4	72,239		
1/2	1/2	152,351	1/2	145,214	1/2	137,455	1/2	129,697	1/2	119,905	1/2	107,921	1/2	95,944	1/2	83,967	1/2	71,990		
3/4	3/4	152,289	3/4	145,052	3/4	137,294	3/4	129,535	3/4	119,655	3/4	107,672	3/4	95,694	3/4	83,717	3/4	71,740		
2	2	152,231	2	144,891	2	137,132	2	129,373	2	119,405	2	107,422	2	95,445	2	83,468	2	71,490		
1/4	1/4	152,174	1/4	144,729	1/4	136,970	1/4	129,212	1/4	119,155	1/4	107,173	1/4	95,195	1/4	83,218	1/4	71,241		
1/2	1/2	152,116	1/2	144,567	1/2	136,809	1/2	129,050	1/2	118,905	1/2	106,923	1/2	94,946	1/2	82,969	1/2	70,991		
3/4	3/4	152,059	3/4	144,406	3/4	136,647	3/4	128,888	3/4	118,655	3/4	106,673	3/4	94,696	3/4	82,719	3/4	70,742		
3	3	151,921	3	144,244	3	136,485	3	128,727	3	118,405	3	106,424	3	94,447	3	82,470	3	70,492		
1/4	1/4	151,784	1/4	144,082	1/4	136,324	1/4	128,565	1/4	118,155	1/4	106,174	1/4	94,197	1/4	82,220	1/4	70,243		
1/2	1/2	151,647	1/2	143,921	1/2	136,162	1/2	128,404	1/2	117,905	1/2	105,925	1/2	93,948	1/2	81,971	1/2	69,993		
3/4	3/4	151,510	3/4	143,759	3/4	136,001	3/4	128,242	3/4	117,655	3/4	105,675	3/4	93,698	3/4	81,721	3/4	69,744		
4	4	151,350	4	143,598	4	135,839	4	128,080	4	117,405	4	105,426	4	93,449	4	81,472	4	69,494		
1/4	1/4	151,190	1/4	143,436	1/4	135,677	1/4	127,919	1/4	117,155	1/4	105,176	1/4	93,199	1/4	81,222	1/4	69,245		
1/2	1/2	151,029	1/2	143,274	1/2	135,516	1/2	127,757	1/2	116,905	1/2	104,927	1/2	92,950	1/2	80,973	1/2	68,995		
3/4	3/4	150,869	3/4	143,113	3/4	135,354	3/4	127,595	3/4	116,655	3/4	104,677	3/4	92,700	3/4	80,723	3/4	68,746		
5	5	150,708	5	142,951	5	135,192	5	127,434	5	116,405	5	104,428	5	92,451	5	80,474	5	68,496		
1/4	1/4	150,547	1/4	142,789	1/4	135,031	1/4	127,272	1/4	116,156	1/4	104,178	1/4	92,201	1/4	80,224	1/4	68,247		
1/2	1/2	150,386	1/2	142,628	1/2	134,869	1/2	127,110	1/2	115,906	1/2	103,929	1/2	91,952	1/2	79,975	1/2	67,997		
3/4	3/4	150,225	3/4	142,466	3/4	134,707	3/4	126,949	3/4	115,657	3/4	103,679	3/4	91,702	3/4	79,725	3/4	67,747		
6	6	150,063	6	142,304	6	134,546	6	126,787	6	115,407	6	103,430	6	91,453	6	79,475	6	67,499		
1/4	1/4	149,901	1/4	142,143	1/4	134,384	1/4	126,626	1/4	115,158	1/4	103,180	1/4	91,203	1/4	79,226	1/4	67,250		
1/2	1/2	149,740	1/2	141,981	1/2	134,223	1/2	126,464	1/2	114,908	1/2	102,931	1/2	90,954	1/2	78,976	1/2	67,001		
3/4	3/4	149,578	3/4	141,820	3/4	134,061	3/4	126,302	3/4	114,658	3/4	102,681	3/4	90,704	3/4	78,727	3/4	66,752		
7	7	149,417	7	141,658	7	133,899	7	126,141	7	114,409	7	102,431	7	90,455	7	78,477	7	66,503		
1/4	1/4	149,255	1/4	141,496	1/4	133,738	1/4	125,979	1/4	114,159	1/4	102,182	1/4	90,205	1/4	78,228	1/4	66,254		
1/2	1/2	149,093	1/2	141,335	1/2	133,576	1/2	125,817	1/2	113,910	1/2	101,932	1/2	89,956	1/2	77,978	1/2	66,005		
3/4	3/4	148,932	3/4	141,173	3/4	133,414	3/4	125,656	3/4	113,660	3/4	101,683	3/4	89,706	3/4	77,729	3/4	65,756		
8	8	148,770	8	141,011	8	133,253	8	125,406	8	113,411	8	101,433	8	89,457	8	77,479	8	65,507		
1/4	1/4	148,608	1/4	140,850	1/4	133,091	1/4	125,156	1/4	113,161	1/4	101,184	1/4	89,207	1/4	77,230	1/4	65,258		
1/2	1/2	148,447	1/2	140,688	1/2	132,929	1/2	124,906	1/2	112,912	1/2	100,934	1/2	88,958	1/2	76,980	1/2	65,009		
3/4	3/4	148,285	3/4	140,526	3/4	132,768	3/4	124,656	3/4	112,662	3/4	100,685	3/4	88,708	3/4	76,731	3/4	64,760		
9	9	148,123	9	140,365	9	132,606	9	124,406	9	112,413	9	100,435	9	88,459	9	76,481	9	64,511		
1/4	1/4	147,962	1/4	140,203	1/4	132,445	1/4	124,156	1/4	112,163	1/4	100,186	1/4	88,209	1/4	76,232	1/4	64,262		
1/2	1/2	147,800	1/2	140,042	1/2	132,283	1/2	123,906	1/2	111,914	1/2	99,936	1/2	87,960	1/2	75,982	1/2	64,014		
3/4	3/4	147,639	3/4	139,880	3/4	132,121	3/4	123,655	3/4	111,664	3/4	99,687	3/4	87,710	3/4	75,732	3/4	63,765		
10	10	147,477	10	139,718	10	131,960	10	123,405	10	111,415	10	99,437	10	87,460	10	75,483	10	63,516		
1/4	1/4	147,315	1/4	139,557	1/4	131,798	1/4	123,155	1/4	111,165	1/4	99,188	1/4	87,211	1/4	75,233	1/4	63,267		
1/2	1/2	147,154	1/2	139,395	1/2	131,636	1/2	122,905	1/2	110,915	1/2	98,938	1/2	86,961	1/2	74,984	1/2	63,018		
3/4	3/4	146,992	3/4	139,233	3/4	131,475	3/4	122,655	3/4	110,666	3/4	98,688	3/4	86,712	3/4	74,734	3/4	62,769		
11	11	146,830	11	139,072	11	131,313	11	122,405	11	110,416	11	98,439	11	86,462	11	74,485	11	62,520		
1/4	1/4	146,669	1/4	138,910	1/4	131,151	1/4	122,155	1/4	110,167	1/4	98,189	1/4	86,213	1/4	74,235	1/4	62,271		
1/2	1/2	146,507	1/2	138,748	1/2	130,990	1/2	121,905	1/2	109,917	1/2	97,940	1/2	85,963	1/2	73,986	1/2	62,022		
3/4	3/4	146,345	3/4	138,587	3/4	130,828	3/4	121,655	3/4	109,668	3/4	97,690	3/4	85,714	3/4	73,736	3/4	61,773		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-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 ULLAGE 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	61,524	0	49,560	0	37,595	0	25,877	0	13,899	0	1,927	0		0		0		0	
1/4	61,275	1/4	49,311	1/4	37,352	1/4	25,627	1/4	13,649	1/4	1,690	1/4		1/4		1/4		1/4	
1/2	61,026	1/2	49,061	1/2	37,109	1/2	25,378	1/2	13,400	1/2	1,453	1/2		1/2		1/2		1/2	
3/4	60,777	3/4	48,812	3/4	36,866	3/4	25,128	3/4	13,150	3/4	1,216	3/4		3/4		3/4		3/4	
1	60,528	1	48,562	1	36,623	1	24,879	1	12,901	1	1,052	1		1		1		1	
1/4	60,280	1/4	48,313	1/4	36,381	1/4	24,629	1/4	12,651	1/4	888	1/4		1/4		1/4		1/4	
1/2	60,031	1/2	48,064	1/2	36,138	1/2	24,380	1/2	12,402	1/2	724	1/2		1/2		1/2		1/2	
3/4	59,782	3/4	47,814	3/4	35,895	3/4	24,130	3/4	12,152	3/4	560	3/4		3/4		3/4		3/4	
2	59,533	2	47,565	2	35,652	2	23,880	2	11,902	2	469	2		2		2		2	
1/4	59,284	1/4	47,315	1/4	35,409	1/4	23,631	1/4	11,653	1/4	377	1/4		1/4		1/4		1/4	
1/2	59,035	1/2	47,066	1/2	35,166	1/2	23,381	1/2	11,403	1/2	285	1/2		1/2		1/2		1/2	
3/4	58,786	3/4	46,817	3/4	34,923	3/4	23,132	3/4	11,154	3/4	193	3/4		3/4		3/4		3/4	
3	58,537	3	46,567	3	34,680	3	22,882	3	10,904	3	152	3		3		3		3	
1/4	58,288	1/4	46,318	1/4	34,437	1/4	22,633	1/4	10,655	1/4	110	1/4		1/4		1/4		1/4	
1/2	58,039	1/2	46,068	1/2	34,195	1/2	22,383	1/2	10,405	1/2	68	1/2		1/2		1/2		1/2	
3/4	57,790	3/4	45,819	3/4	33,952	3/4	22,134	3/4	10,156	3/4	26	3/4		3/4		3/4		3/4	
4	57,541	4	45,570	4	33,709	4	21,884	4	9,906	4		4		4		4		4	
1/4	57,291	1/4	45,320	1/4	33,466	1/4	21,635	1/4	9,657	1/4		1/4		1/4		1/4		1/4	
1/2	57,042	1/2	45,071	1/2	33,223	1/2	21,385	1/2	9,407	1/2		1/2		1/2		1/2		1/2	
3/4	56,793	3/4	44,821	3/4	32,980	3/4	21,136	3/4	9,157	3/4		3/4		3/4		3/4		3/4	
5	56,543	5	44,572	5	32,737	5	20,886	5	8,908	5		5		5		5		5	
1/4	56,294	1/4	44,322	1/4	32,494	1/4	20,636	1/4	8,658	1/4		1/4		1/4		1/4		1/4	
1/2	56,044	1/2	44,073	1/2	32,252	1/2	20,387	1/2	8,408	1/2		1/2		1/2		1/2		1/2	
3/4	55,795	3/4	43,824	3/4	32,009	3/4	20,137	3/4	8,158	3/4		3/4		3/4		3/4		3/4	
6	55,546	6	43,574	6	31,766	6	19,888	6	7,908	6		6		6		6		6	
1/4	55,296	1/4	43,325	1/4	31,523	1/4	19,638	1/4	7,659	1/4		1/4		1/4		1/4		1/4	
1/2	55,047	1/2	43,075	1/2	31,280	1/2	19,389	1/2	7,409	1/2		1/2		1/2		1/2		1/2	
3/4	54,797	3/4	42,826	3/4	31,037	3/4	19,139	3/4	7,159	3/4		3/4		3/4		3/4		3/4	
7	54,548	7	42,577	7	30,794	7	18,890	7	6,909	7		7		7		7		7	
1/4	54,299	1/4	42,327	1/4	30,551	1/4	18,640	1/4	6,660	1/4		1/4		1/4		1/4		1/4	
1/2	54,049	1/2	42,078	1/2	30,309	1/2	18,391	1/2	6,410	1/2		1/2		1/2		1/2		1/2	
3/4	53,800	3/4	41,828	3/4	30,066	3/4	18,141	3/4	6,160	3/4		3/4		3/4		3/4		3/4	
8	53,550	8	41,579	8	29,823	8	17,891	8	5,911	8		8		8		8		8	
1/4	53,301	1/4	41,330	1/4	29,580	1/4	17,642	1/4	5,661	1/4		1/4		1/4		1/4		1/4	
1/2	53,052	1/2	41,080	1/2	29,337	1/2	17,392	1/2	5,411	1/2		1/2		1/2		1/2		1/2	
3/4	52,802	3/4	40,831	3/4	29,094	3/4	17,143	3/4	5,161	3/4		3/4		3/4		3/4		3/4	
9	52,553	9	40,581	9	28,851	9	16,893	9	4,911	9		9		9		9		9	
1/4	52,303	1/4	40,332	1/4	28,608	1/4	16,644	1/4	4,661	1/4		1/4		1/4		1/4		1/4	
1/2	52,054	1/2	40,083	1/2	28,366	1/2	16,394	1/2	4,411	1/2		1/2		1/2		1/2		1/2	
3/4	51,805	3/4	39,833	3/4	28,123	3/4	16,145	3/4	4,161	3/4		3/4		3/4		3/4		3/4	
10	51,555	10	39,584	10	27,873	10	15,895	10	3,911	10		10		10		10		10	
1/4	51,306	1/4	39,334	1/4	27,624	1/4	15,646	1/4	3,661	1/4		1/4		1/4		1/4		1/4	
1/2	51,056	1/2	39,085	1/2	27,374	1/2	15,396	1/2	3,411	1/2		1/2		1/2		1/2		1/2	
3/4	50,807	3/4	38,836	3/4	27,124	3/4	15,147	3/4	3,161	3/4		3/4		3/4		3/4		3/4	
11	50,558	11	38,586	11	26,875	11	14,897	11	2,912	11		11		11		11		11	
1/4	50,308	1/4	38,337	1/4	26,625	1/4	14,647	1/4	2,662	1/4		1/4		1/4		1/4		1/4	
1/2	50,059	1/2	38,087	1/2	26,376	1/2	14,398	1/2	2,413	1/2		1/2		1/2		1/2		1/2	
3/4	49,809	3/4	37,838	3/4	26,126	3/4	14,148	3/4	2,163	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 ULLAGE 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		0		0	151,603	0	140,105	0	128,607	0	117,109	0	105,611	0	94,113	0	82,614	0	71,116
1/4	1/4		1/4		151,364	1/4	139,865	1/4	128,367	1/4	116,869	1/4	105,371	1/4	93,873	1/4	82,375	1/4	70,877
1/2	1/2		1/2		151,124	1/2	139,626	1/2	128,128	1/2	116,630	1/2	105,132	1/2	93,633	1/2	82,135	1/2	70,637
3/4	3/4	160,934	3/4		150,885	3/4	139,386	3/4	127,888	3/4	116,390	3/4	104,892	3/4	93,394	3/4	81,896	3/4	70,398
1		1		1	150,645	1	139,147	1	127,649	1	116,151	1	104,652	1	93,154	1	81,656	1	70,158
1/4	1/4	160,864	1/4		150,405	1/4	138,907	1/4	127,409	1/4	115,911	1/4	104,413	1/4	92,915	1/4	81,417	1/4	69,919
1/2	1/2	160,804	1/2		150,166	1/2	138,668	1/2	127,170	1/2	115,672	1/2	104,173	1/2	92,675	1/2	81,177	1/2	69,679
3/4	3/4	160,744	3/4		149,926	3/4	138,428	3/4	126,930	3/4	115,432	3/4	103,934	3/4	92,436	3/4	80,938	3/4	69,439
2		2		2	149,687	2	138,189	2	126,691	2	115,192	2	103,694	2	92,196	2	80,698	2	69,200
1/4	1/4	160,545	1/4		149,447	1/4	137,949	1/4	126,451	1/4	114,953	1/4	103,455	1/4	91,957	1/4	80,459	1/4	68,960
1/2	1/2	160,405	1/2		149,208	1/2	137,710	1/2	126,211	1/2	114,713	1/2	103,215	1/2	91,717	1/2	80,219	1/2	68,721
3/4	3/4	160,265	3/4		148,968	3/4	137,470	3/4	125,972	3/4	114,474	3/4	102,976	3/4	91,478	3/4	79,979	3/4	68,481
3		3		3	148,729	3	137,230	3	125,732	3	114,234	3	102,736	3	91,238	3	79,740	3	68,242
1/4	1/4	159,909	1/4		148,489	1/4	136,991	1/4	125,493	1/4	113,995	1/4	102,497	1/4	90,998	1/4	79,500	1/4	68,002
1/2	1/2	159,693	1/2		148,250	1/2	136,751	1/2	125,253	1/2	113,755	1/2	102,257	1/2	90,759	1/2	79,261	1/2	67,763
3/4	3/4	159,477	3/4		148,010	3/4	136,512	3/4	125,014	3/4	113,516	3/4	102,017	3/4	90,519	3/4	79,021	3/4	67,523
4		4		4	147,770	4	136,272	4	124,774	4	113,276	4	101,778	4	90,280	4	78,782	4	67,284
1/4	1/4	159,023	1/4		147,531	1/4	136,033	1/4	124,535	1/4	113,037	1/4	101,538	1/4	90,040	1/4	78,542	1/4	67,044
1/2	1/2	158,785	1/2		147,291	1/2	135,793	1/2	124,295	1/2	112,797	1/2	101,299	1/2	89,801	1/2	78,303	1/2	66,804
3/4	3/4	158,547	3/4		147,052	3/4	135,554	3/4	124,056	3/4	112,557	3/4	101,059	3/4	89,561	3/4	78,063	3/4	66,565
5		5		5	146,812	5	135,314	5	123,816	5	112,318	5	100,820	5	89,322	5	77,824	5	66,325
1/4	1/4	158,070	1/4		146,573	1/4	135,075	1/4	123,576	1/4	112,078	1/4	100,580	1/4	89,082	1/4	77,584	1/4	66,086
1/2	1/2	157,830	1/2		146,333	1/2	134,835	1/2	123,337	1/2	111,839	1/2	100,341	1/2	88,843	1/2	77,344	1/2	65,846
3/4	3/4	157,591	3/4		146,094	3/4	134,596	3/4	123,097	3/4	111,599	3/4	100,101	3/4	88,603	3/4	77,105	3/4	65,607
6		6		6	145,854	6	134,356	6	122,858	6	111,360	6	99,862	6	88,363	6	76,865	6	65,367
1/4	1/4	157,113	1/4		145,615	1/4	134,116	1/4	122,618	1/4	111,120	1/4	99,622	1/4	88,124	1/4	76,626	1/4	65,128
1/2	1/2	156,873	1/2		145,375	1/2	133,877	1/2	122,379	1/2	110,881	1/2	99,383	1/2	87,884	1/2	76,386	1/2	64,888
3/4	3/4	156,634	3/4		145,135	3/4	133,637	3/4	122,139	3/4	110,641	3/4	99,143	3/4	87,645	3/4	76,147	3/4	64,649
7		7		7	144,896	7	133,398	7	121,900	7	110,402	7	98,903	7	87,405	7	75,907	7	64,409
1/4	1/4	156,154	1/4		144,656	1/4	133,158	1/4	121,660	1/4	110,162	1/4	98,664	1/4	87,166	1/4	75,668	1/4	64,170
1/2	1/2	155,915	1/2		144,417	1/2	132,919	1/2	121,421	1/2	109,922	1/2	98,424	1/2	86,926	1/2	75,428	1/2	63,930
3/4	3/4	155,675	3/4		144,177	3/4	132,679	3/4	121,181	3/4	109,683	3/4	98,185	3/4	86,687	3/4	75,189	3/4	63,690
8		8		8	143,938	8	132,440	8	120,941	8	109,443	8	97,945	8	86,447	8	74,949	8	63,451
1/4	1/4	155,196	1/4		143,698	1/4	132,200	1/4	120,702	1/4	109,204	1/4	97,706	1/4	86,208	1/4	74,709	1/4	63,211
1/2	1/2	154,957	1/2		143,459	1/2	131,961	1/2	120,462	1/2	108,964	1/2	97,466	1/2	85,968	1/2	74,470	1/2	62,972
3/4	3/4	154,717	3/4		143,219	3/4	131,721	3/4	120,223	3/4	108,725	3/4	97,227	3/4	85,728	3/4	74,230	3/4	62,732
9		9		9	142,980	9	131,481	9	119,983	9	108,485	9	96,987	9	85,489	9	73,991	9	62,493
1/4	1/4	154,238	1/4		142,740	1/4	131,242	1/4	119,744	1/4	108,246	1/4	96,748	1/4	85,249	1/4	73,751	1/4	62,253
1/2	1/2	153,999	1/2		142,500	1/2	131,002	1/2	119,504	1/2	108,006	1/2	96,508	1/2	85,010	1/2	73,512	1/2	62,014
3/4	3/4	153,759	3/4		142,261	3/4	130,763	3/4	119,265	3/4	107,767	3/4	96,268	3/4	84,770	3/4	73,272	3/4	61,774
10		10		10	142,021	10	130,523	10	119,025	10	107,527	10	96,029	10	84,531	10	73,033	10	61,535
1/4	1/4	153,280	1/4		141,782	1/4	130,284	1/4	118,786	1/4	107,287	1/4	95,789	1/4	84,291	1/4	72,793	1/4	61,295
1/2	1/2	153,040	1/2		141,542	1/2	130,044	1/2	118,546	1/2	107,048	1/2	95,550	1/2	84,052	1/2	72,554	1/2	61,055
3/4	3/4	152,801	3/4		141,303	3/4	129,805	3/4	118,307	3/4	106,808	3/4	95,310	3/4	83,812	3/4	72,314	3/4	60,816
11		11		11	141,063	11	129,565	11	118,067	11	106,569	11	95,071	11	83,573	11	72,074	11	60,576
1/4	1/4	152,322	1/4		140,824	1/4	129,326	1/4	117,827	1/4	106,329	1/4	94,831	1/4	83,333	1/4	71,835	1/4	60,337
1/2	1/2	152,082	1/2		140,584	1/2	129,086	1/2	117,588	1/2	106,090	1/2	94,592	1/2	83,094	1/2	71,595	1/2	60,097
3/4	3/4	151,843	3/4		140,345	3/4	128,846	3/4	117,348	3/4	105,850	3/4	94,352	3/4	82,854	3/4	71,356	3/4	59,858

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-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 ULLAGE 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	59,618	0	48,120	0	36,622	0	25,405	0	13,908	0	2,413	0		0		0		0	
1/4	59,379	1/4	47,881	1/4	36,389	1/4	25,166	1/4	13,668	1/4	2,175	1/4		1/4		1/4		1/4	
1/2	59,139	1/2	47,641	1/2	36,157	1/2	24,926	1/2	13,428	1/2	1,938	1/2		1/2		1/2		1/2	
3/4	58,900	3/4	47,401	3/4	35,924	3/4	24,687	3/4	13,189	3/4	1,700	3/4		3/4		3/4		3/4	
1	58,660	1	47,162	1	35,692	1	24,447	1	12,949	1	1,463	1		1		1		1	
1/4	58,420	1/4	46,922	1/4	35,459	1/4	24,208	1/4	12,710	1/4	1,263	1/4		1/4		1/4		1/4	
1/2	58,181	1/2	46,683	1/2	35,227	1/2	23,968	1/2	12,470	1/2	1,064	1/2		1/2		1/2		1/2	
3/4	57,941	3/4	46,443	3/4	34,994	3/4	23,728	3/4	12,231	3/4	864	3/4		3/4		3/4		3/4	
2	57,702	2	46,204	2	34,761	2	23,489	2	11,991	2	665	2		2		2		2	
1/4	57,462	1/4	45,964	1/4	34,529	1/4	23,249	1/4	11,752	1/4	545	1/4		1/4		1/4		1/4	
1/2	57,223	1/2	45,725	1/2	34,296	1/2	23,010	1/2	11,512	1/2	425	1/2		1/2		1/2		1/2	
3/4	56,983	3/4	45,485	3/4	34,064	3/4	22,770	3/4	11,273	3/4	305	3/4		3/4		3/4		3/4	
3	56,744	3	45,246	3	33,831	3	22,531	3	11,033	3	186	3		3		3		3	
1/4	56,504	1/4	45,006	1/4	33,599	1/4	22,291	1/4	10,794	1/4	146	1/4		1/4		1/4		1/4	
1/2	56,265	1/2	44,766	1/2	33,366	1/2	22,052	1/2	10,554	1/2	106	1/2		1/2		1/2		1/2	
3/4	56,025	3/4	44,527	3/4	33,134	3/4	21,812	3/4	10,314	3/4	66	3/4		3/4		3/4		3/4	
4	55,785	4	44,287	4	32,901	4	21,573	4	10,075	4	26	4		4		4		4	
1/4	55,546	1/4	44,048	1/4	32,669	1/4	21,333	1/4	9,835	1/4		1/4		1/4		1/4		1/4	
1/2	55,306	1/2	43,808	1/2	32,436	1/2	21,094	1/2	9,596	1/2		1/2		1/2		1/2		1/2	
3/4	55,067	3/4	43,569	3/4	32,204	3/4	20,854	3/4	9,356	3/4		3/4		3/4		3/4		3/4	
5	54,827	5	43,329	5	31,971	5	20,615	5	9,117	5		5		5		5		5	
1/4	54,588	1/4	43,090	1/4	31,739	1/4	20,375	1/4	8,877	1/4		1/4		1/4		1/4		1/4	
1/2	54,348	1/2	42,850	1/2	31,506	1/2	20,135	1/2	8,638	1/2		1/2		1/2		1/2		1/2	
3/4	54,109	3/4	42,611	3/4	31,274	3/4	19,896	3/4	8,398	3/4		3/4		3/4		3/4		3/4	
6	53,869	6	42,371	6	31,041	6	19,656	6	8,159	6		6		6		6		6	
1/4	53,630	1/4	42,131	1/4	30,809	1/4	19,417	1/4	7,919	1/4		1/4		1/4		1/4		1/4	
1/2	53,390	1/2	41,892	1/2	30,576	1/2	19,177	1/2	7,680	1/2		1/2		1/2		1/2		1/2	
3/4	53,150	3/4	41,652	3/4	30,344	3/4	18,938	3/4	7,440	3/4		3/4		3/4		3/4		3/4	
7	52,911	7	41,413	7	30,111	7	18,698	7	7,201	7		7		7		7		7	
1/4	52,671	1/4	41,173	1/4	29,879	1/4	18,459	1/4	6,961	1/4		1/4		1/4		1/4		1/4	
1/2	52,432	1/2	40,934	1/2	29,646	1/2	18,219	1/2	6,722	1/2		1/2		1/2		1/2		1/2	
3/4	52,192	3/4	40,694	3/4	29,414	3/4	17,980	3/4	6,482	3/4		3/4		3/4		3/4		3/4	
8	51,953	8	40,455	8	29,181	8	17,740	8	6,243	8		8		8		8		8	
1/4	51,713	1/4	40,215	1/4	28,949	1/4	17,501	1/4	6,003	1/4		1/4		1/4		1/4		1/4	
1/2	51,474	1/2	39,976	1/2	28,716	1/2	17,261	1/2	5,763	1/2		1/2		1/2		1/2		1/2	
3/4	51,234	3/4	39,736	3/4	28,484	3/4	17,021	3/4	5,524	3/4		3/4		3/4		3/4		3/4	
9	50,995	9	39,496	9	28,251	9	16,782	9	5,284	9		9		9		9		9	
1/4	50,755	1/4	39,257	1/4	28,019	1/4	16,542	1/4	5,045	1/4		1/4		1/4		1/4		1/4	
1/2	50,515	1/2	39,017	1/2	27,786	1/2	16,303	1/2	4,805	1/2		1/2		1/2		1/2		1/2	
3/4	50,276	3/4	38,778	3/4	27,554	3/4	16,063	3/4	4,566	3/4		3/4		3/4		3/4		3/4	
10	50,036	10	38,538	10	27,321	10	15,824	10	4,326	10		10		10		10		10	
1/4	49,797	1/4	38,299	1/4	27,082	1/4	15,584	1/4	4,087	1/4		1/4		1/4		1/4		1/4	
1/2	49,557	1/2	38,059	1/2	26,842	1/2	15,345	1/2	3,847	1/2		1/2		1/2		1/2		1/2	
3/4	49,318	3/4	37,820	3/4	26,603	3/4	15,105	3/4	3,608	3/4		3/4		3/4		3/4		3/4	
11	49,078	11	37,580	11	26,363	11	14,866	11	3,368	11		11		11		11		11	
1/4	48,839	1/4	37,341	1/4	26,124	1/4	14,626	1/4	3,130	1/4		1/4		1/4		1/4		1/4	
1/2	48,599	1/2	37,101	1/2	25,884	1/2	14,387	1/2	2,891	1/2		1/2		1/2		1/2		1/2	
3/4	48,360	3/4	36,861	3/4	25,645	3/4	14,147	3/4	2,652	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 ULLAGE 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		0		0	150,838	0	139,400	0	127,962	0	116,523	0	105,085	0	93,647	0	82,208	0	70,770
1/4		1/4		1/4	150,600	1/4	139,162	1/4	127,723	1/4	116,285	1/4	104,847	1/4	93,408	1/4	81,970	1/4	70,532
1/2		1/2	160,359	1/2	150,362	1/2	138,923	1/2	127,485	1/2	116,047	1/2	104,609	1/2	93,170	1/2	81,732	1/2	70,294
3/4		3/4	160,349	3/4	150,123	3/4	138,685	3/4	127,247	3/4	115,809	3/4	104,370	3/4	92,932	3/4	81,494	3/4	70,055
1		1	160,289	1	149,885	1	138,447	1	127,009	1	115,570	1	104,132	1	92,694	1	81,255	1	69,817
1/4		1/4	160,230	1/4	149,647	1/4	138,209	1/4	126,770	1/4	115,332	1/4	103,894	1/4	92,455	1/4	81,017	1/4	69,579
1/2		1/2	160,170	1/2	149,409	1/2	137,970	1/2	126,532	1/2	115,094	1/2	103,655	1/2	92,217	1/2	80,779	1/2	69,340
3/4		3/4	160,111	3/4	149,170	3/4	137,732	3/4	126,294	3/4	114,855	3/4	103,417	3/4	91,979	3/4	80,540	3/4	69,102
2		2	159,972	2	148,932	2	137,494	2	126,055	2	114,617	2	103,179	2	91,740	2	80,302	2	68,864
1/4		1/4	159,833	1/4	148,694	1/4	137,255	1/4	125,817	1/4	114,379	1/4	102,940	1/4	91,502	1/4	80,064	1/4	68,625
1/2		1/2	159,694	1/2	148,455	1/2	137,017	1/2	125,579	1/2	114,140	1/2	102,702	1/2	91,264	1/2	79,825	1/2	68,387
3/4		3/4	159,555	3/4	148,217	3/4	136,779	3/4	125,340	3/4	113,902	3/4	102,464	3/4	91,026	3/4	79,587	3/4	68,149
3		3	159,340	3	147,979	3	136,540	3	125,102	3	113,664	3	102,226	3	90,787	3	79,349	3	67,911
1/4		1/4	159,125	1/4	147,741	1/4	136,302	1/4	124,864	1/4	113,426	1/4	101,987	1/4	90,549	1/4	79,111	1/4	67,672
1/2		1/2	158,909	1/2	147,502	1/2	136,064	1/2	124,626	1/2	113,187	1/2	101,749	1/2	90,311	1/2	78,872	1/2	67,434
3/4		3/4	158,694	3/4	147,264	3/4	135,826	3/4	124,387	3/4	112,949	3/4	101,511	3/4	90,072	3/4	78,634	3/4	67,196
4		4	158,458	4	147,026	4	135,587	4	124,149	4	112,711	4	101,272	4	89,834	4	78,396	4	66,957
1/4		1/4	158,221	1/4	146,787	1/4	135,349	1/4	123,911	1/4	112,472	1/4	101,034	1/4	89,596	1/4	78,157	1/4	66,719
1/2		1/2	157,984	1/2	146,549	1/2	135,111	1/2	123,672	1/2	112,234	1/2	100,796	1/2	89,357	1/2	77,919	1/2	66,481
3/4		3/4	157,747	3/4	146,311	3/4	134,872	3/4	123,434	3/4	111,996	3/4	100,557	3/4	89,119	3/4	77,681	3/4	66,242
5		5	157,509	5	146,072	5	134,634	5	123,196	5	111,757	5	100,319	5	88,881	5	77,443	5	66,004
1/4		1/4	157,272	1/4	145,834	1/4	134,396	1/4	122,957	1/4	111,519	1/4	100,081	1/4	88,643	1/4	77,204	1/4	65,766
1/2		1/2	157,034	1/2	145,596	1/2	134,158	1/2	122,719	1/2	111,281	1/2	99,843	1/2	88,404	1/2	76,966	1/2	65,528
3/4		3/4	156,796	3/4	145,358	3/4	133,919	3/4	122,481	3/4	111,043	3/4	99,604	3/4	88,166	3/4	76,728	3/4	65,289
6		6	156,557	6	145,119	6	133,681	6	122,243	6	110,804	6	99,366	6	87,928	6	76,489	6	65,051
1/4		1/4	156,319	1/4	144,881	1/4	133,443	1/4	122,004	1/4	110,566	1/4	99,128	1/4	87,689	1/4	76,251	1/4	64,813
1/2		1/2	156,081	1/2	144,643	1/2	133,204	1/2	121,766	1/2	110,328	1/2	98,889	1/2	87,451	1/2	76,013	1/2	64,574
3/4		3/4	155,843	3/4	144,404	3/4	132,966	3/4	121,528	3/4	110,089	3/4	98,651	3/4	87,213	3/4	75,774	3/4	64,336
7		7	155,604	7	144,166	7	132,728	7	121,289	7	109,851	7	98,413	7	86,974	7	75,536	7	64,098
1/4		1/4	155,366	1/4	143,928	1/4	132,489	1/4	121,051	1/4	109,613	1/4	98,174	1/4	86,736	1/4	75,298	1/4	63,860
1/2		1/2	155,128	1/2	143,689	1/2	132,251	1/2	120,813	1/2	109,374	1/2	97,936	1/2	86,498	1/2	75,060	1/2	63,621
3/4		3/4	154,889	3/4	143,451	3/4	132,013	3/4	120,575	3/4	109,136	3/4	97,698	3/4	86,260	3/4	74,821	3/4	63,383
8		8	154,651	8	143,213	8	131,775	8	120,336	8	108,898	8	97,460	8	86,021	8	74,583	8	63,145
1/4		1/4	154,413	1/4	142,975	1/4	131,536	1/4	120,098	1/4	108,660	1/4	97,221	1/4	85,783	1/4	74,345	1/4	62,906
1/2		1/2	154,175	1/2	142,736	1/2	131,298	1/2	119,860	1/2	108,421	1/2	96,983	1/2	85,545	1/2	74,106	1/2	62,668
3/4		3/4	153,936	3/4	142,498	3/4	131,060	3/4	119,621	3/4	108,183	3/4	96,745	3/4	85,306	3/4	73,868	3/4	62,430
9		9	153,698	9	142,260	9	130,821	9	119,383	9	107,945	9	96,506	9	85,068	9	73,630	9	62,191
1/4		1/4	153,460	1/4	142,021	1/4	130,583	1/4	119,145	1/4	107,706	1/4	96,268	1/4	84,830	1/4	73,391	1/4	61,953
1/2		1/2	153,221	1/2	141,783	1/2	130,345	1/2	118,906	1/2	107,468	1/2	96,030	1/2	84,591	1/2	73,153	1/2	61,715
3/4		3/4	152,983	3/4	141,545	3/4	130,106	3/4	118,668	3/4	107,230	3/4	95,791	3/4	84,353	3/4	72,915	3/4	61,477
10		10	152,745	10	141,306	10	129,868	10	118,430	10	106,992	10	95,553	10	84,115	10	72,677	10	61,238
1/4		1/4	152,506	1/4	141,068	1/4	129,630	1/4	118,192	1/4	106,753	1/4	95,315	1/4	83,877	1/4	72,438	1/4	61,000
1/2		1/2	152,268	1/2	140,830	1/2	129,392	1/2	117,953	1/2	106,515	1/2	95,077	1/2	83,638	1/2	72,200	1/2	60,762
3/4		3/4	152,030	3/4	140,592	3/4	129,153	3/4	117,715	3/4	106,277	3/4	94,838	3/4	83,400	3/4	71,962	3/4	60,523
11		11	151,792	11	140,353	11	128,915	11	117,477	11	106,038	11	94,600	11	83,162	11	71,723	11	60,285
1/4		1/4	151,553	1/4	140,115	1/4	128,677	1/4	117,238	1/4	105,800	1/4	94,362	1/4	82,923	1/4	71,485	1/4	60,047
1/2		1/2	151,315	1/2	139,877	1/2	128,438	1/2	117,000	1/2	105,562	1/2	94,123	1/2	82,685	1/2	71,247	1/2	59,808
3/4		3/4	151,077	3/4	139,638	3/4	128,200	3/4	116,762	3/4	105,323	3/4	93,885	3/4	82,447	3/4	71,008	3/4	59,570

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-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 ULLAGE 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	59,332	0	47,894	0	36,456	0	25,035	0	13,597	0	2,164	0		0		0		0	
1/4	59,094	1/4	47,655	1/4	36,218	1/4	24,796	1/4	13,358	1/4	1,928	1/4		1/4		1/4		1/4	
1/2	58,855	1/2	47,417	1/2	35,980	1/2	24,558	1/2	13,120	1/2	1,691	1/2		1/2		1/2		1/2	
3/4	58,617	3/4	47,179	3/4	35,742	3/4	24,320	3/4	12,882	3/4	1,455	3/4		3/4		3/4		3/4	
1	58,379	1	46,940	1	35,504	1	24,081	1	12,644	1	1,257	1		1		1		1	
1/4	58,140	1/4	46,702	1/4	35,266	1/4	23,843	1/4	12,405	1/4	1,058	1/4		1/4		1/4		1/4	
1/2	57,902	1/2	46,464	1/2	35,028	1/2	23,605	1/2	12,167	1/2	860	1/2		1/2		1/2		1/2	
3/4	57,664	3/4	46,225	3/4	34,790	3/4	23,367	3/4	11,929	3/4	661	3/4		3/4		3/4		3/4	
2	57,425	2	45,987	2	34,552	2	23,128	2	11,690	2	542	2		2		2		2	
1/4	57,187	1/4	45,749	1/4	34,315	1/4	22,890	1/4	11,452	1/4	423	1/4		1/4		1/4		1/4	
1/2	56,949	1/2	45,511	1/2	34,077	1/2	22,652	1/2	11,214	1/2	304	1/2		1/2		1/2		1/2	
3/4	56,711	3/4	45,272	3/4	33,839	3/4	22,413	3/4	10,976	3/4	185	3/4		3/4		3/4		3/4	
3	56,472	3	45,034	3	33,601	3	22,175	3	10,737	3	145	3		3		3		3	
1/4	56,234	1/4	44,796	1/4	33,363	1/4	21,937	1/4	10,499	1/4	105	1/4		1/4		1/4		1/4	
1/2	55,996	1/2	44,557	1/2	33,125	1/2	21,699	1/2	10,261	1/2	66	1/2		1/2		1/2		1/2	
3/4	55,757	3/4	44,319	3/4	32,888	3/4	21,460	3/4	10,022	3/4	26	3/4		3/4		3/4		3/4	
4	55,519	4	44,081	4	32,650	4	21,222	4	9,784	4		4		4		4		4	
1/4	55,281	1/4	43,842	1/4	32,412	1/4	20,984	1/4	9,546	1/4		1/4		1/4		1/4		1/4	
1/2	55,042	1/2	43,604	1/2	32,174	1/2	20,745	1/2	9,308	1/2		1/2		1/2		1/2		1/2	
3/4	54,804	3/4	43,366	3/4	31,936	3/4	20,507	3/4	9,069	3/4		3/4		3/4		3/4		3/4	
5	54,566	5	43,128	5	31,698	5	20,269	5	8,831	5		5		5		5		5	
1/4	54,328	1/4	42,889	1/4	31,460	1/4	20,031	1/4	8,593	1/4		1/4		1/4		1/4		1/4	
1/2	54,089	1/2	42,651	1/2	31,223	1/2	19,792	1/2	8,354	1/2		1/2		1/2		1/2		1/2	
3/4	53,851	3/4	42,413	3/4	30,985	3/4	19,554	3/4	8,116	3/4		3/4		3/4		3/4		3/4	
6	53,613	6	42,174	6	30,747	6	19,316	6	7,878	6		6		6		6		6	
1/4	53,374	1/4	41,936	1/4	30,509	1/4	19,077	1/4	7,640	1/4		1/4		1/4		1/4		1/4	
1/2	53,136	1/2	41,698	1/2	30,271	1/2	18,839	1/2	7,401	1/2		1/2		1/2		1/2		1/2	
3/4	52,898	3/4	41,459	3/4	30,033	3/4	18,601	3/4	7,163	3/4		3/4		3/4		3/4		3/4	
7	52,659	7	41,221	7	29,796	7	18,363	7	6,925	7		7		7		7		7	
1/4	52,421	1/4	40,983	1/4	29,558	1/4	18,124	1/4	6,686	1/4		1/4		1/4		1/4		1/4	
1/2	52,183	1/2	40,745	1/2	29,320	1/2	17,886	1/2	6,448	1/2		1/2		1/2		1/2		1/2	
3/4	51,945	3/4	40,506	3/4	29,082	3/4	17,648	3/4	6,210	3/4		3/4		3/4		3/4		3/4	
8	51,706	8	40,268	8	28,844	8	17,409	8	5,972	8		8		8		8		8	
1/4	51,468	1/4	40,030	1/4	28,606	1/4	17,171	1/4	5,733	1/4		1/4		1/4		1/4		1/4	
1/2	51,230	1/2	39,791	1/2	28,368	1/2	16,933	1/2	5,495	1/2		1/2		1/2		1/2		1/2	
3/4	50,991	3/4	39,553	3/4	28,131	3/4	16,695	3/4	5,257	3/4		3/4		3/4		3/4		3/4	
9	50,753	9	39,315	9	27,893	9	16,456	9	5,019	9		9		9		9		9	
1/4	50,515	1/4	39,076	1/4	27,655	1/4	16,218	1/4	4,780	1/4		1/4		1/4		1/4		1/4	
1/2	50,277	1/2	38,838	1/2	27,417	1/2	15,980	1/2	4,542	1/2		1/2		1/2		1/2		1/2	
3/4	50,038	3/4	38,600	3/4	27,179	3/4	15,741	3/4	4,304	3/4		3/4		3/4		3/4		3/4	
10	49,800	10	38,362	10	26,941	10	15,503	10	4,065	10		10		10		10		10	
1/4	49,562	1/4	38,123	1/4	26,703	1/4	15,265	1/4	3,827	1/4		1/4		1/4		1/4		1/4	
1/2	49,323	1/2	37,885	1/2	26,464	1/2	15,027	1/2	3,589	1/2		1/2		1/2		1/2		1/2	
3/4	49,085	3/4	37,647	3/4	26,226	3/4	14,788	3/4	3,351	3/4		3/4		3/4		3/4		3/4	
11	48,847	11	37,408	11	25,988	11	14,550	11	3,113	11		11		11		11		11	
1/4	48,608	1/4	37,170	1/4	25,750	1/4	14,312	1/4	2,875	1/4		1/4		1/4		1/4		1/4	
1/2	48,370	1/2	36,932	1/2	25,511	1/2	14,073	1/2	2,638	1/2		1/2		1/2		1/2		1/2	
3/4	48,132	3/4	36,694	3/4	25,273	3/4	13,835	3/4	2,400	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>