

# BARGE "IB 1985"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 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	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 182'-09"

November 4, 2017

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

<http://www.pmacorp.net>



# BARGE "IB 1985"

## 1 CENTER ULLAGE TABLE

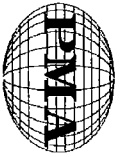
CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N
0	0	152,861	0	146,321	0	138,546	0	130,772	0	121,403	0	109,392	0	97,390	0	85,389	0	73,387	0
1/4	1/4	152,861	1/4	146,159	1/4	138,384	1/4	130,610	1/4	121,152	1/4	109,142	1/4	97,140	1/4	85,139	1/4	73,137	1/4
1/2	1/2	152,851	1/2	145,997	1/2	138,222	1/2	130,448	1/2	120,902	1/2	108,892	1/2	96,890	1/2	84,889	1/2	72,887	1/2
3/4	3/4	152,788	3/4	145,835	3/4	138,060	3/4	130,286	3/4	120,651	3/4	108,641	3/4	96,640	3/4	84,639	3/4	72,637	3/4
1	1	152,725	1	145,673	1	137,898	1	130,124	1	120,401	1	108,392	1	96,390	1	84,389	1	72,387	1
1/4	1/4	152,663	1/4	145,511	1/4	137,736	1/4	129,962	1/4	120,150	1/4	108,142	1/4	96,140	1/4	84,138	1/4	72,136	1/4
1/2	1/2	152,600	1/2	145,349	1/2	137,574	1/2	129,800	1/2	119,900	1/2	107,892	1/2	95,890	1/2	83,888	1/2	71,886	1/2
3/4	3/4	152,542	3/4	145,187	3/4	137,412	3/4	129,638	3/4	119,649	3/4	107,642	3/4	95,640	3/4	83,638	3/4	71,636	3/4
2	2	152,485	2	145,025	2	137,250	2	129,476	2	119,499	2	107,392	2	95,390	2	83,388	2	71,386	2
1/4	1/4	152,427	1/4	144,863	1/4	137,089	1/4	129,314	1/4	119,148	1/4	107,142	1/4	95,140	1/4	83,138	1/4	71,136	1/4
1/2	1/2	152,370	1/2	144,701	1/2	136,927	1/2	129,152	1/2	118,997	1/2	106,891	1/2	94,890	1/2	82,888	1/2	70,886	1/2
3/4	3/4	152,312	3/4	144,539	3/4	136,765	3/4	128,990	3/4	118,647	3/4	106,641	3/4	94,640	3/4	82,638	3/4	70,636	3/4
3	3	152,295	3	144,377	3	136,603	3	128,828	3	118,396	3	106,391	3	94,390	3	82,388	3	70,386	3
1/4	1/4	151,957	1/4	144,215	1/4	136,441	1/4	128,666	1/4	118,146	1/4	106,141	1/4	94,140	1/4	82,138	1/4	70,136	1/4
1/2	1/2	151,819	1/2	144,053	1/2	136,279	1/2	128,504	1/2	117,795	1/2	105,891	1/2	93,890	1/2	81,888	1/2	69,886	1/2
3/4	3/4	151,659	3/4	143,891	3/4	136,117	3/4	128,342	3/4	117,645	3/4	105,641	3/4	93,640	3/4	81,638	3/4	69,636	3/4
4	4	151,499	4	143,729	4	135,955	4	128,180	4	117,394	4	105,391	4	93,390	4	81,388	4	69,386	4
1/4	1/4	151,338	1/4	143,567	1/4	135,793	1/4	128,018	1/4	117,144	1/4	105,141	1/4	93,140	1/4	81,138	1/4	69,136	1/4
1/2	1/2	151,178	1/2	143,405	1/2	135,631	1/2	127,856	1/2	116,893	1/2	104,891	1/2	92,890	1/2	80,888	1/2	68,886	1/2
3/4	3/4	151,016	3/4	143,243	3/4	135,469	3/4	127,694	3/4	116,643	3/4	104,641	3/4	92,640	3/4	80,638	3/4	68,636	3/4
5	5	150,855	5	143,081	5	135,307	5	127,532	5	116,393	5	104,391	5	92,390	5	80,388	5	68,386	5
1/4	1/4	150,693	1/4	142,919	1/4	135,145	1/4	127,370	1/4	116,143	1/4	104,141	1/4	92,140	1/4	80,138	1/4	68,136	1/4
1/2	1/2	150,532	1/2	142,757	1/2	134,983	1/2	127,208	1/2	115,893	1/2	103,891	1/2	91,890	1/2	79,888	1/2	67,886	1/2
3/4	3/4	150,370	3/4	142,595	3/4	134,821	3/4	127,046	3/4	115,643	3/4	103,641	3/4	91,640	3/4	79,638	3/4	67,636	3/4
6	6	150,208	6	142,434	6	134,659	6	126,884	6	115,393	6	103,391	6	91,390	6	79,388	6	67,387	6
1/4	1/4	150,046	1/4	142,272	1/4	134,497	1/4	126,722	1/4	115,143	1/4	103,141	1/4	91,140	1/4	79,138	1/4	67,137	1/4
1/2	1/2	149,884	1/2	142,110	1/2	134,335	1/2	126,560	1/2	114,893	1/2	102,891	1/2	90,890	1/2	78,888	1/2	66,888	1/2
3/4	3/4	149,722	3/4	141,948	3/4	134,173	3/4	126,399	3/4	114,643	3/4	102,641	3/4	90,640	3/4	78,638	3/4	66,639	3/4
7	7	149,560	7	141,786	7	134,011	7	126,237	7	114,393	7	102,391	7	90,390	7	78,388	7	66,389	7
1/4	1/4	149,398	1/4	141,624	1/4	133,849	1/4	126,075	1/4	114,143	1/4	102,141	1/4	90,140	1/4	78,137	1/4	66,140	1/4
1/2	1/2	149,236	1/2	141,462	1/2	133,687	1/2	125,913	1/2	113,893	1/2	101,891	1/2	89,890	1/2	77,888	1/2	65,890	1/2
3/4	3/4	149,074	3/4	141,300	3/4	133,525	3/4	125,752	3/4	113,643	3/4	101,641	3/4	89,640	3/4	77,637	3/4	65,641	3/4
8	8	148,912	8	141,138	8	133,363	8	125,590	8	113,393	8	101,391	8	89,390	8	77,387	8	65,391	8
1/4	1/4	148,750	1/4	140,976	1/4	133,201	1/4	125,428	1/4	113,143	1/4	101,140	1/4	89,140	1/4	77,137	1/4	65,142	1/4
1/2	1/2	148,588	1/2	140,814	1/2	133,039	1/2	125,266	1/2	112,892	1/2	100,890	1/2	88,890	1/2	76,888	1/2	64,892	1/2
3/4	3/4	148,426	3/4	140,652	3/4	132,877	3/4	125,104	3/4	112,642	3/4	100,640	3/4	88,640	3/4	76,637	3/4	64,643	3/4
9	9	148,264	9	140,490	9	132,715	9	124,949	9	112,392	9	100,390	9	88,390	9	76,387	9	64,394	9
1/4	1/4	148,102	1/4	140,328	1/4	132,553	1/4	124,787	1/4	112,142	1/4	100,140	1/4	88,140	1/4	76,137	1/4	64,144	1/4
1/2	1/2	147,940	1/2	140,166	1/2	132,391	1/2	124,625	1/2	111,892	1/2	99,890	1/2	87,890	1/2	75,888	1/2	63,890	1/2
3/4	3/4	147,778	3/4	140,004	3/4	132,229	3/4	124,468	3/4	111,642	3/4	99,640	3/4	87,640	3/4	75,637	3/4	63,645	3/4
10	10	147,617	10	139,842	10	132,067	10	124,307	10	111,392	10	99,390	10	87,390	10	75,387	10	63,386	10
1/4	1/4	147,455	1/4	139,680	1/4	131,905	1/4	124,151	1/4	111,142	1/4	99,140	1/4	87,140	1/4	75,137	1/4	63,146	1/4
1/2	1/2	147,293	1/2	139,518	1/2	131,744	1/2	123,996	1/2	110,892	1/2	98,890	1/2	86,890	1/2	74,888	1/2	62,890	1/2
3/4	3/4	147,131	3/4	139,356	3/4	131,582	3/4	123,840	3/4	110,642	3/4	98,640	3/4	86,640	3/4	74,637	3/4	62,647	3/4
11	11	146,969	11	139,194	11	131,420	11	123,685	11	110,392	11	98,390	11	86,390	11	74,387	11	62,390	11
1/4	1/4	146,807	1/4	139,032	1/4	131,258	1/4	123,529	1/4	110,142	1/4	98,140	1/4	86,140	1/4	74,137	1/4	62,149	1/4
1/2	1/2	146,645	1/2	138,870	1/2	131,096	1/2	123,374	1/2	109,892	1/2	97,890	1/2	85,890	1/2	73,888	1/2	61,890	1/2
3/4	3/4	146,483	3/4	138,708	3/4	130,934	3/4	123,219	3/4	109,642	3/4	97,640	3/4	85,640	3/4	73,637	3/4	61,640	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NFPA 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'-08" FORWARD OF AFT BULKHEAD.

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



# BARGE "IB 1985"

1 CENTER  
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	0	0	0	0	0	0	0	0	0
61,400	49,411	37,428	25,679	13,677	1,693				
61,151	49,161	37,185	25,429	13,427	1,455				
60,901	48,911	36,941	25,179	13,177	1,218				
60,652	48,661	36,698	24,929	12,927	1,054				
60,402	48,411	36,455	24,679	12,676	890				
60,153	48,161	36,211	24,429	12,426	725				
59,904	47,912	35,968	24,179	12,176	561				
59,654	47,662	35,724	23,929	11,926	469				
59,405	47,412	35,481	23,679	11,676	377				
59,155	47,162	35,238	23,429	11,426	285				
58,906	46,912	34,994	23,179	11,176	193				
58,656	46,662	34,751	22,929	10,926	151				
58,407	46,412	34,507	22,679	10,676	110				
58,158	46,162	34,264	22,428	10,426	68				
57,908	45,912	34,021	22,178	10,176	26				
57,658	45,662	33,777	21,928	9,926					
57,408	45,412	33,534	21,678	9,676					
57,158	45,162	33,291	21,428	9,426					
56,908	44,913	33,047	21,178	9,176					
56,659	44,663	32,804	20,928	8,925					
56,409	44,413	32,560	20,678	8,675					
56,159	44,163	32,317	20,428	8,425					
55,909	43,913	32,074	20,178	8,174					
55,659	43,663	31,830	19,928	7,924					
55,409	43,413	31,587	19,678	7,674					
55,159	43,163	31,344	19,428	7,423					
54,909	42,913	31,100	19,178	7,173					
54,659	42,663	30,857	18,928	6,923					
54,409	42,413	30,613	18,678	6,673					
54,159	42,164	30,370	18,428	6,423					
53,909	41,914	30,127	18,178	6,172					
53,660	41,664	29,883	17,928	5,922					
53,410	41,414	29,640	17,678	5,672					
53,160	41,164	29,397	17,427	5,421					
52,910	40,914	29,153	17,177	5,171					
52,660	40,664	28,910	16,927	4,921					
52,410	40,414	28,666	16,677	4,670					
52,160	40,164	28,423	16,427	4,419					
51,910	39,914	28,180	16,177	4,169					
51,660	39,664	27,936	15,927	3,918					
51,410	39,414	27,690	15,677	3,668					
51,160	39,165	27,430	15,427	3,418					
50,910	38,915	27,179	15,177	3,167					
50,661	38,665	26,929	14,927	2,917					
50,411	38,415	26,679	14,677	2,667					
50,161	38,165	26,429	14,427	2,417					
49,911	37,915	26,179	14,177	2,167					
49,661	37,672	25,929	13,927	1,930					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW  
CALCULATED: 11/04/2017 CL  
PRINTED: 11/05/2017 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
<http://www.dmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017





# BARGE "IB 1985"

2 CENTER  
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	0	0	0	0	0	0	0	0	0	0
1	58,936	47,384	35,860	24,562	13,011	1,470	0	0	0	0
2	58,996	47,143	35,626	24,322	12,770	1,270	0	0	0	0
3	58,455	46,903	35,393	24,081	12,529	1,069	0	0	0	0
4	58,214	46,662	35,159	23,840	12,289	869	0	0	0	0
5	57,974	46,421	34,925	23,600	12,048	668	0	0	0	0
6	57,733	46,181	34,692	23,359	11,807	548	0	0	0	0
7	57,492	45,940	34,458	23,118	11,567	428	0	0	0	0
8	57,252	45,699	34,225	22,878	11,326	307	0	0	0	0
9	57,011	45,459	33,991	22,637	11,085	187	0	0	0	0
10	56,770	45,218	33,757	22,396	10,845	147	0	0	0	0
11	56,530	44,977	33,524	22,156	10,604	107	0	0	0	0
12	56,289	44,737	33,290	21,915	10,363	67	0	0	0	0
13	56,048	44,496	33,057	21,675	10,123	26	0	0	0	0
14	55,807	44,255	32,823	21,434	9,882	0	0	0	0	0
15	55,567	44,015	32,589	21,193	9,641	0	0	0	0	0
16	55,326	43,774	32,356	20,953	9,401	0	0	0	0	0
17	55,085	43,533	32,122	20,712	9,160	0	0	0	0	0
18	54,845	43,293	31,889	20,471	8,919	0	0	0	0	0
19	54,604	43,052	31,655	20,231	8,679	0	0	0	0	0
20	54,363	42,811	31,421	19,990	8,438	0	0	0	0	0
21	54,123	42,571	31,188	19,749	8,197	0	0	0	0	0
22	53,882	42,330	30,954	19,509	7,957	0	0	0	0	0
23	53,641	42,089	30,721	19,268	7,716	0	0	0	0	0
24	53,401	41,849	30,487	19,027	7,476	0	0	0	0	0
25	53,160	41,608	30,253	18,787	7,235	0	0	0	0	0
26	52,919	41,367	30,020	18,546	6,994	0	0	0	0	0
27	52,679	41,127	29,786	18,305	6,754	0	0	0	0	0
28	52,438	40,886	29,553	18,065	6,513	0	0	0	0	0
29	52,197	40,645	29,319	17,824	6,272	0	0	0	0	0
30	51,957	40,405	29,086	17,583	6,032	0	0	0	0	0
31	51,716	40,164	28,852	17,343	5,791	0	0	0	0	0
32	51,475	39,923	28,618	17,102	5,550	0	0	0	0	0
33	51,235	39,683	28,385	16,861	5,310	0	0	0	0	0
34	50,994	39,442	28,151	16,621	5,069	0	0	0	0	0
35	50,753	39,201	27,918	16,380	4,828	0	0	0	0	0
36	50,513	38,961	27,684	16,139	4,588	0	0	0	0	0
37	50,272	38,720	27,450	15,899	4,347	0	0	0	0	0
38	50,031	38,479	27,210	15,658	4,107	0	0	0	0	0
39	49,791	38,239	26,969	15,417	3,866	0	0	0	0	0
40	49,550	37,998	26,728	15,177	3,625	0	0	0	0	0
41	49,309	37,757	26,488	14,936	3,385	0	0	0	0	0
42	49,069	37,517	26,247	14,695	3,145	0	0	0	0	0
43	48,828	37,276	26,006	14,455	2,905	0	0	0	0	0
44	48,587	37,035	25,766	14,214	2,665	0	0	0	0	0
45	48,347	36,795	25,525	13,973	2,425	0	0	0	0	0
46	48,106	36,554	25,284	13,733	2,186	0	0	0	0	0
47	47,865	36,313	25,044	13,492	1,947	0	0	0	0	0
48	47,625	36,074	24,803	13,251	1,709	0	0	0	0	0

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW  
CALCULATED: 11/04/2017 CL  
PRINTED: 11/05/2017 SW  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "IB 1985"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	160,456	0	150,453	0	139,008	0	127,562	0	116,117	0	104,672	0	93,227	0	81,781	0	70,336		
1/4	1/4	160,446	1/4	150,214	1/4	138,769	1/4	127,324	1/4	115,879	1/4	104,434	1/4	92,989	1/4	81,543	1/4	70,098		
1/2	1/2	160,386	1/2	149,976	1/2	138,531	1/2	127,085	1/2	115,640	1/2	104,195	1/2	92,750	1/2	81,304	1/2	69,859		
3/4	3/4	160,327	3/4	149,737	3/4	138,292	3/4	126,847	3/4	115,402	3/4	103,957	3/4	92,511	3/4	81,066	3/4	69,621		
1	1	160,267	1	149,499	1	138,054	1	126,609	1	115,163	1	103,712	1	92,273	1	80,828	1	69,382		
1/4	1/4	160,208	1/4	149,261	1/4	137,815	1/4	126,370	1/4	114,925	1/4	103,480	1/4	92,034	1/4	80,589	1/4	69,144		
1/2	1/2	160,069	1/2	149,022	1/2	137,577	1/2	126,132	1/2	114,686	1/2	103,241	1/2	91,796	1/2	80,351	1/2	68,905		
3/4	3/4	159,929	3/4	148,784	3/4	137,338	3/4	125,893	3/4	114,448	3/4	103,000	3/4	91,556	3/4	80,112	3/4	68,667		
2	2	159,790	2	148,545	2	137,100	2	125,655	2	114,210	2	102,764	2	91,319	2	79,874	2	68,429		
1/4	1/4	159,651	1/4	148,307	1/4	136,862	1/4	125,416	1/4	113,971	1/4	102,526	1/4	91,081	1/4	79,635	1/4	68,190		
1/2	1/2	159,436	1/2	148,068	1/2	136,623	1/2	125,178	1/2	113,733	1/2	102,287	1/2	90,842	1/2	79,397	1/2	67,952		
3/4	3/4	159,221	3/4	147,830	3/4	136,385	3/4	124,939	3/4	113,494	3/4	102,049	3/4	90,604	3/4	79,159	3/4	67,713		
3	3	159,006	3	147,591	3	136,146	3	124,701	3	113,256	3	101,811	3	90,365	3	78,920	3	67,475		
1/4	1/4	158,790	1/4	147,353	1/4	135,908	1/4	124,463	1/4	113,017	1/4	101,572	1/4	90,127	1/4	78,682	1/4	67,236		
1/2	1/2	158,553	1/2	147,115	1/2	135,669	1/2	124,224	1/2	112,779	1/2	101,334	1/2	89,888	1/2	78,443	1/2	66,998		
3/4	3/4	158,317	3/4	146,876	3/4	135,431	3/4	123,986	3/4	112,540	3/4	101,095	3/4	89,650	3/4	78,205	3/4	66,760		
4	4	158,080	4	146,638	4	135,192	4	123,747	4	112,302	4	100,857	4	89,412	4	77,966	4	66,521		
1/4	1/4	157,843	1/4	146,399	1/4	134,954	1/4	123,509	1/4	112,064	1/4	100,618	1/4	89,173	1/4	77,728	1/4	66,283		
1/2	1/2	157,605	1/2	146,161	1/2	134,716	1/2	123,270	1/2	111,825	1/2	100,380	1/2	88,935	1/2	77,489	1/2	66,044		
3/4	3/4	157,367	3/4	145,922	3/4	134,477	3/4	123,032	3/4	111,587	3/4	100,141	3/4	88,696	3/4	77,251	3/4	65,806		
5	5	157,129	5	145,684	5	134,239	5	122,793	5	111,348	5	99,903	5	88,458	5	77,013	5	65,567		
1/4	1/4	156,891	1/4	145,445	1/4	134,000	1/4	122,555	1/4	111,110	1/4	99,665	1/4	88,219	1/4	76,774	1/4	65,329		
1/2	1/2	156,652	1/2	145,207	1/2	133,762	1/2	122,317	1/2	110,871	1/2	99,426	1/2	87,981	1/2	76,536	1/2	65,090		
3/4	3/4	156,414	3/4	144,969	3/4	133,523	3/4	122,078	3/4	110,633	3/4	99,188	3/4	87,742	3/4	76,297	3/4	64,852		
6	6	156,175	6	144,730	6	133,285	6	121,840	6	110,394	6	98,949	6	87,504	6	76,059	6	64,614		
1/4	1/4	155,937	1/4	144,492	1/4	133,046	1/4	121,601	1/4	110,156	1/4	98,711	1/4	87,266	1/4	75,820	1/4	64,375		
1/2	1/2	155,698	1/2	144,253	1/2	132,808	1/2	121,363	1/2	109,918	1/2	98,472	1/2	87,027	1/2	75,582	1/2	64,137		
3/4	3/4	155,460	3/4	144,015	3/4	132,570	3/4	121,124	3/4	109,679	3/4	98,234	3/4	86,789	3/4	75,343	3/4	63,898		
7	7	155,222	7	143,776	7	132,331	7	120,886	7	109,441	7	97,995	7	86,550	7	75,105	7	63,660		
1/4	1/4	154,983	1/4	143,538	1/4	132,093	1/4	120,647	1/4	109,202	1/4	97,757	1/4	86,312	1/4	74,867	1/4	63,421		
1/2	1/2	154,745	1/2	143,299	1/2	131,854	1/2	120,409	1/2	108,964	1/2	97,519	1/2	86,073	1/2	74,628	1/2	63,183		
3/4	3/4	154,506	3/4	143,061	3/4	131,616	3/4	120,171	3/4	108,725	3/4	97,280	3/4	85,835	3/4	74,390	3/4	62,944		
8	8	154,268	8	142,823	8	131,377	8	119,932	8	108,487	8	97,042	8	85,596	8	74,151	8	62,706		
1/4	1/4	154,029	1/4	142,584	1/4	131,139	1/4	119,694	1/4	108,248	1/4	96,803	1/4	85,358	1/4	73,913	1/4	62,468		
1/2	1/2	153,791	1/2	142,346	1/2	130,900	1/2	119,455	1/2	108,010	1/2	96,565	1/2	85,120	1/2	73,674	1/2	62,229		
3/4	3/4	153,553	3/4	142,107	3/4	130,662	3/4	119,217	3/4	107,772	3/4	96,326	3/4	84,881	3/4	73,436	3/4	61,991		
9	9	153,314	9	141,869	9	130,424	9	118,978	9	107,533	9	96,088	9	84,643	9	73,197	9	61,752		
1/4	1/4	153,076	1/4	141,630	1/4	130,186	1/4	118,740	1/4	107,295	1/4	95,849	1/4	84,404	1/4	72,959	1/4	61,514		
1/2	1/2	152,837	1/2	141,392	1/2	129,947	1/2	118,501	1/2	107,056	1/2	95,611	1/2	84,166	1/2	72,721	1/2	61,275		
3/4	3/4	152,599	3/4	141,154	3/4	129,708	3/4	118,263	3/4	106,818	3/4	95,373	3/4	83,927	3/4	72,482	3/4	61,037		
10	10	152,360	10	140,915	10	129,470	10	118,025	10	106,579	10	95,134	10	83,689	10	72,244	10	60,798		
1/4	1/4	152,122	1/4	140,677	1/4	129,231	1/4	117,786	1/4	106,341	1/4	94,896	1/4	83,450	1/4	72,005	1/4	60,560		
1/2	1/2	151,883	1/2	140,438	1/2	128,993	1/2	117,548	1/2	106,102	1/2	94,659	1/2	83,212	1/2	71,767	1/2	60,322		
3/4	3/4	151,645	3/4	140,200	3/4	128,755	3/4	117,309	3/4	105,864	3/4	94,419	3/4	82,974	3/4	71,528	3/4	60,083		
11	11	151,407	11	139,961	11	128,516	11	117,071	11	105,626	11	94,180	11	82,735	11	71,290	11	59,845		
1/4	1/4	151,168	1/4	139,723	1/4	128,278	1/4	116,832	1/4	105,387	1/4	93,939	1/4	82,497	1/4	71,051	1/4	59,606		
1/2	1/2	150,930	1/2	139,484	1/2	128,039	1/2	116,594	1/2	105,149	1/2	93,703	1/2	82,258	1/2	70,813	1/2	59,368		
3/4	3/4	150,691	3/4	139,246	3/4	127,801	3/4	116,356	3/4	104,910	3/4	93,465	3/4	82,020	3/4	70,575	3/4	59,129		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPMO CHAPTER 27.  
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'-0" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "IB 1985"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

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	58,891	0	47,446	0	36,002	0	24,557	0	13,128	0	1,692	0		0					
1/4	58,652	1/4	47,207	1/4	35,764	1/4	24,335	1/4	12,890	1/4	1,456	1/4		1/4					
1/2	58,414	1/2	46,969	1/2	35,526	1/2	24,096	1/2	12,651	1/2	1,258	1/2		1/2					
3/4	58,176	3/4	46,730	3/4	35,287	3/4	23,858	3/4	12,413	3/4	1,059	3/4		3/4					
1	57,937	1	46,492	1	35,049	1	23,619	1	12,175	1	860	1		1					
1/4	57,699	1/4	46,253	1/4	34,811	1/4	23,381	1/4	11,936	1/4	662	1/4		1/4					
1/2	57,460	1/2	46,015	1/2	34,573	1/2	23,142	1/2	11,698	1/2	543	1/2		1/2					
3/4	57,222	3/4	45,777	3/4	34,335	3/4	22,904	3/4	11,459	3/4	423	3/4		3/4					
2	56,983	2	45,538	2	34,097	2	22,666	2	11,221	2	304	2		2					
1/4	56,745	1/4	45,300	1/4	33,859	1/4	22,427	1/4	10,982	1/4	185	1/4		1/4					
1/2	56,506	1/2	45,061	1/2	33,621	1/2	22,189	1/2	10,744	1/2	145	1/2		1/2					
3/4	56,268	3/4	44,823	3/4	33,383	3/4	21,950	3/4	10,505	3/4	105	3/4		3/4					
3	56,030	3	44,584	3	33,145	3	21,712	3	10,267	3	66	3		3					
1/4	55,791	1/4	44,346	1/4	32,907	1/4	21,473	1/4	10,029	1/4	26	1/4		1/4					
1/2	55,553	1/2	44,107	1/2	32,670	1/2	21,235	1/2	9,790	1/2		1/2		1/2					
3/4	55,314	3/4	43,869	3/4	32,432	3/4	20,997	3/4	9,552	3/4		3/4		3/4					
4	55,076	4	43,631	4	32,194	4	20,758	4	9,313	4		4		4					
1/4	54,837	1/4	43,392	1/4	31,956	1/4	20,520	1/4	9,075	1/4		1/4		1/4					
1/2	54,599	1/2	43,154	1/2	31,718	1/2	20,281	1/2	8,836	1/2		1/2		1/2					
3/4	54,361	3/4	42,915	3/4	31,480	3/4	20,043	3/4	8,598	3/4		3/4		3/4					
5	54,122	5	42,677	5	31,242	5	19,804	5	8,360	5		5		5					
1/4	53,884	1/4	42,438	1/4	31,004	1/4	19,566	1/4	8,121	1/4		1/4		1/4					
1/2	53,645	1/2	42,200	1/2	30,766	1/2	19,327	1/2	7,883	1/2		1/2		1/2					
3/4	53,407	3/4	41,962	3/4	30,528	3/4	19,089	3/4	7,644	3/4		3/4		3/4					
6	53,168	6	41,723	6	30,290	6	18,851	6	7,406	6		6		6					
1/4	52,930	1/4	41,485	1/4	30,052	1/4	18,612	1/4	7,167	1/4		1/4		1/4					
1/2	52,691	1/2	41,246	1/2	29,814	1/2	18,374	1/2	6,929	1/2		1/2		1/2					
3/4	52,453	3/4	41,008	3/4	29,576	3/4	18,135	3/4	6,691	3/4		3/4		3/4					
7	52,215	7	40,769	7	29,338	7	17,897	7	6,452	7		7		7					
1/4	51,976	1/4	40,531	1/4	29,100	1/4	17,658	1/4	6,214	1/4		1/4		1/4					
1/2	51,738	1/2	40,292	1/2	28,862	1/2	17,420	1/2	5,975	1/2		1/2		1/2					
3/4	51,499	3/4	40,054	3/4	28,624	3/4	17,182	3/4	5,737	3/4		3/4		3/4					
8	51,261	8	39,816	8	28,386	8	16,943	8	5,499	8		8		8					
1/4	51,022	1/4	39,577	1/4	28,148	1/4	16,705	1/4	5,260	1/4		1/4		1/4					
1/2	50,784	1/2	39,339	1/2	27,910	1/2	16,466	1/2	5,022	1/2		1/2		1/2					
3/4	50,545	3/4	39,100	3/4	27,672	3/4	16,228	3/4	4,783	3/4		3/4		3/4					
9	50,307	9	38,862	9	27,434	9	15,989	9	4,545	9		9		9					
1/4	50,069	1/4	38,623	1/4	27,196	1/4	15,751	1/4	4,306	1/4		1/4		1/4					
1/2	49,830	1/2	38,385	1/2	26,957	1/2	15,513	1/2	4,068	1/2		1/2		1/2					
3/4	49,592	3/4	38,146	3/4	26,719	3/4	15,274	3/4	3,830	3/4		3/4		3/4					
10	49,353	10	37,908	10	26,480	10	15,036	10	3,591	10		10		10					
1/4	49,115	1/4	37,670	1/4	26,242	1/4	14,797	1/4	3,353	1/4		1/4		1/4					
1/2	48,876	1/2	37,431	1/2	26,004	1/2	14,559	1/2	3,115	1/2		1/2		1/2					
3/4	48,638	3/4	37,193	3/4	25,765	3/4	14,320	3/4	2,877	3/4		3/4		3/4					
11	48,399	11	36,954	11	25,527	11	14,082	11	2,639	11		11		11					
1/4	48,161	1/4	36,716	1/4	25,288	1/4	13,844	1/4	2,402	1/4		1/4		1/4					
1/2	47,923	1/2	36,478	1/2	25,050	1/2	13,605	1/2	2,165	1/2		1/2		1/2					
3/4	47,684	3/4	36,240	3/4	24,811	3/4	13,367	3/4	1,929	3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2017 SW  
 CALCULATED: 11/04/2017 CL  
 PRINTED: 11/05/2017 SW  
 CANGERS AND SUPERCEDES  
 ALL PRIOR TO 11/2017

PRECISION MEASUREMENT  
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