



# BARGE "IB 1984"

## 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	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 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 1984"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	0	0	0	0	0	0	0	0
1/4	146,901	146,739	138,951	131,325	122,117	110,084	98,061	86,039	74,016
1/2	146,576	146,576	138,788	131,000	121,866	109,833	97,811	85,788	73,765
3/4	153,128	146,414	138,626	130,838	121,654	109,583	97,560	85,538	73,515
1	153,118	146,252	138,464	130,676	121,113	109,882	97,059	85,037	73,014
1/4	153,055	146,090	138,301	130,513	120,662	108,882	96,809	84,787	72,764
1/2	152,929	145,765	137,977	130,189	120,611	108,581	96,558	84,536	72,513
3/4	152,867	145,603	137,815	130,027	120,109	108,080	96,058	84,035	72,012
2	152,809	145,441	137,652	129,864	119,858	107,830	95,807	83,785	71,762
1/4	152,751	145,278	137,490	129,702	119,607	107,579	95,557	83,534	71,511
1/2	152,694	145,115	137,328	129,540	119,356	107,329	95,306	83,284	71,261
3/4	152,636	144,954	137,166	129,378	119,105	107,078	95,056	83,033	71,010
3	152,498	144,792	137,003	129,215	118,854	106,828	94,805	82,783	70,760
1/4	152,360	144,629	136,841	129,053	118,603	106,577	94,555	82,532	70,509
1/2	152,222	144,467	136,679	128,891	118,352	106,327	94,304	82,282	70,259
3/4	152,085	144,305	136,517	128,729	118,101	106,076	94,054	82,031	70,008
4	151,924	144,143	136,354	128,566	117,850	105,826	93,803	81,781	69,758
1/4	151,763	143,980	136,192	128,404	117,599	105,575	93,553	81,530	69,507
1/2	151,603	143,818	136,030	128,242	117,348	105,325	93,303	81,280	69,257
3/4	151,442	143,656	135,868	128,080	117,097	105,074	93,052	81,029	69,006
5	151,280	143,494	135,705	127,917	116,847	104,824	92,802	80,779	68,756
1/4	151,118	143,331	135,543	127,755	116,596	104,573	92,551	80,528	68,505
1/2	150,957	143,169	135,381	127,593	116,346	104,323	92,301	80,278	68,255
3/4	150,795	143,007	135,219	127,431	116,095	104,073	92,050	80,027	68,004
6	150,633	142,845	135,056	127,268	115,845	103,822	91,800	79,777	67,755
1/4	150,470	142,682	134,894	127,106	115,595	103,572	91,549	79,526	67,505
1/2	150,308	142,520	134,732	126,944	115,344	103,321	91,299	79,275	67,255
3/4	150,146	142,358	134,570	126,782	115,094	103,071	91,048	79,026	67,005
7	149,984	142,196	134,407	126,619	114,843	102,820	90,798	78,775	66,755
1/4	149,821	142,033	134,245	126,457	114,593	102,570	90,548	78,525	66,505
1/2	149,659	141,871	134,083	126,295	114,342	102,319	90,297	78,274	66,255
3/4	149,497	141,709	133,921	126,133	114,092	102,069	90,047	78,024	66,005
8	149,335	141,547	133,758	125,972	113,841	101,818	89,796	77,773	65,756
1/4	149,172	141,384	133,596	125,810	113,591	101,568	89,546	77,523	65,506
1/2	149,010	141,222	133,434	125,648	113,340	101,317	89,295	77,272	65,256
3/4	148,848	141,060	133,272	125,486	113,089	101,067	89,045	77,022	65,006
9	148,686	140,898	133,110	125,324	112,839	100,816	88,794	76,771	64,756
1/4	148,523	140,735	132,947	125,162	112,589	100,565	88,544	76,521	64,506
1/2	148,361	140,573	132,785	125,000	112,338	100,315	88,293	76,270	64,256
3/4	148,199	140,411	132,623	124,838	112,088	100,065	88,043	76,020	64,006
10	148,037	140,249	132,460	124,676	111,837	99,814	87,792	75,769	63,757
1/4	147,874	140,086	132,298	124,514	111,587	99,564	87,542	75,519	63,507
1/2	147,712	139,924	132,136	124,352	111,336	99,313	87,291	75,268	63,257
3/4	147,550	139,762	131,974	124,190	111,086	99,063	87,041	75,018	63,007
11	147,388	139,600	131,811	124,028	110,835	98,812	86,790	74,767	62,757
1/4	147,225	139,437	131,649	123,866	110,585	98,562	86,540	74,517	62,507
1/2	147,063	139,275	131,487	123,704	110,334	98,312	86,289	74,266	62,257
3/4									

CERTIFIED CHART FOR THE ABOVE-NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS 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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.

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# BARGE "IB 1984"

1 CENTER  
VILLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	62,007	0	49,998	0	37,981	0	26,225	0	14,202	0
1/4	61,758	1/4	49,748	1/4	37,738	1/4	25,975	1/4	13,951	1/4
1/2	61,508	1/2	49,497	1/2	37,494	1/2	25,724	1/2	13,701	1/2
3/4	61,258	3/4	49,247	3/4	37,250	3/4	25,474	3/4	13,450	3/4
1	61,008	1	48,997	1	37,006	1	25,223	1	13,200	1
1/4	60,758	1/4	48,746	1/4	36,762	1/4	24,973	1/4	12,949	1/4
1/2	60,508	1/2	48,496	1/2	36,518	1/2	24,722	1/2	12,699	1/2
3/4	60,258	3/4	48,246	3/4	36,275	3/4	24,472	3/4	12,448	3/4
2	60,008	2	47,995	2	36,031	2	24,221	2	12,198	2
1/4	59,759	1/4	47,745	1/4	35,787	1/4	23,971	1/4	11,947	1/4
1/2	59,509	1/2	47,495	1/2	35,543	1/2	23,720	1/2	11,697	1/2
3/4	59,259	3/4	47,244	3/4	35,299	3/4	23,470	3/4	11,446	3/4
3	59,009	3	46,994	3	35,056	3	23,219	3	11,196	3
1/4	58,759	1/4	46,744	1/4	34,812	1/4	22,969	1/4	10,945	1/4
1/2	58,509	1/2	46,493	1/2	34,568	1/2	22,718	1/2	10,695	1/2
3/4	58,259	3/4	46,243	3/4	34,324	3/4	22,468	3/4	10,444	3/4
4	58,009	4	45,993	4	34,080	4	22,217	4	10,194	4
1/4	57,759	1/4	45,742	1/4	33,837	1/4	21,967	1/4	9,943	1/4
1/2	57,509	1/2	45,492	1/2	33,593	1/2	21,716	1/2	9,693	1/2
3/4	57,258	3/4	45,242	3/4	33,349	3/4	21,466	3/4	9,442	3/4
5	57,008	5	44,991	5	33,105	5	21,215	5	9,192	5
1/4	56,758	1/4	44,741	1/4	32,861	1/4	20,965	1/4	8,941	1/4
1/2	56,507	1/2	44,491	1/2	32,618	1/2	20,714	1/2	8,690	1/2
3/4	56,257	3/4	44,240	3/4	32,374	3/4	20,464	3/4	8,440	3/4
6	56,007	6	43,990	6	32,130	6	20,214	6	8,189	6
1/4	55,756	1/4	43,739	1/4	31,886	1/4	19,963	1/4	7,938	1/4
1/2	55,506	1/2	43,489	1/2	31,642	1/2	19,713	1/2	7,687	1/2
3/4	55,256	3/4	43,239	3/4	31,399	3/4	19,462	3/4	7,437	3/4
7	55,005	7	42,988	7	31,155	7	19,212	7	7,186	7
1/4	54,755	1/4	42,738	1/4	30,911	1/4	18,961	1/4	6,935	1/4
1/2	54,504	1/2	42,488	1/2	30,667	1/2	18,711	1/2	6,685	1/2
3/4	54,254	3/4	42,237	3/4	30,423	3/4	18,460	3/4	6,434	3/4
8	54,004	8	41,987	8	30,180	8	18,210	8	6,184	8
1/4	53,753	1/4	41,737	1/4	29,936	1/4	17,959	1/4	5,933	1/4
1/2	53,503	1/2	41,486	1/2	29,692	1/2	17,709	1/2	5,682	1/2
3/4	53,253	3/4	41,236	3/4	29,448	3/4	17,458	3/4	5,431	3/4
9	53,002	9	40,986	9	29,204	9	17,208	9	5,180	9
1/4	52,752	1/4	40,735	1/4	28,961	1/4	16,957	1/4	4,929	1/4
1/2	52,502	1/2	40,485	1/2	28,717	1/2	16,707	1/2	4,678	1/2
3/4	52,251	3/4	40,235	3/4	28,473	3/4	16,456	3/4	4,427	3/4
10	52,001	10	39,984	10	28,229	10	16,206	10	4,176	10
1/4	51,751	1/4	39,734	1/4	27,979	1/4	15,955	1/4	3,926	1/4
1/2	51,500	1/2	39,484	1/2	27,728	1/2	15,705	1/2	3,675	1/2
3/4	51,250	3/4	39,233	3/4	27,478	3/4	15,454	3/4	3,424	3/4
11	51,000	11	38,983	11	27,227	11	15,204	11	3,173	11
1/4	50,749	1/4	38,732	1/4	26,977	1/4	14,953	1/4	2,922	1/4
1/2	50,499	1/2	38,482	1/2	26,726	1/2	14,703	1/2	2,672	1/2
3/4	50,249	3/4	38,232	3/4	26,476	3/4	14,452	3/4	2,422	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  
CANCEL'S AND SUPERCEDES  
ALL PRIOR TO 11/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pma.com.net>



# BARGE "IB 1984"

## 2 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	151,258	0	139,731	0	128,205	0	116,678	0	105,152	0	93,625	0	82,098	0	70,572	0	59,045	0
1/4	1/4	151,018	1/4	139,491	1/4	127,964	1/4	116,438	1/4	104,911	1/4	93,385	1/4	81,858	1/4	70,332	1/4	58,805	1/4
1/2	1/2	150,777	1/2	139,251	1/2	127,724	1/2	116,198	1/2	104,674	1/2	93,145	1/2	81,618	1/2	70,092	1/2	58,574	1/2
3/4	3/4	150,537	3/4	139,011	3/4	127,484	3/4	115,958	3/4	104,431	3/4	92,905	3/4	81,378	3/4	69,851	3/4	58,330	3/4
1	1	150,297	1	138,771	1	127,244	1	115,718	1	104,191	1	92,654	1	81,138	1	69,604	1	58,085	1
1/4	1/4	150,057	1/4	138,530	1/4	127,004	1/4	115,477	1/4	103,941	1/4	92,403	1/4	80,898	1/4	69,357	1/4	57,840	1/4
1/2	1/2	149,817	1/2	138,290	1/2	126,764	1/2	115,237	1/2	103,711	1/2	92,184	1/2	80,658	1/2	69,111	1/2	57,595	1/2
3/4	3/4	149,577	3/4	138,050	3/4	126,524	3/4	114,997	3/4	103,471	3/4	91,944	3/4	80,417	3/4	68,871	3/4	57,350	3/4
1	1	149,336	1	137,810	1	126,284	1	114,757	1	103,230	1	91,704	1	80,177	1	68,626	1	57,105	1
1/4	1/4	149,096	1/4	137,570	1/4	126,043	1/4	114,517	1/4	102,990	1/4	91,464	1/4	80,937	1/4	68,381	1/4	56,860	1/4
1/2	1/2	148,856	1/2	137,330	1/2	125,803	1/2	114,277	1/2	102,750	1/2	91,224	1/2	80,693	1/2	68,136	1/2	56,615	1/2
3/4	3/4	148,616	3/4	137,090	3/4	125,563	3/4	114,037	3/4	102,510	3/4	90,983	3/4	80,447	3/4	67,881	3/4	56,370	3/4
1	1	148,376	1	136,849	1	125,323	1	113,796	1	102,270	1	90,743	1	80,203	1	67,635	1	56,125	1
1/4	1/4	148,136	1/4	136,609	1/4	125,083	1/4	113,556	1/4	102,030	1/4	90,503	1/4	80,957	1/4	67,390	1/4	55,880	1/4
1/2	1/2	147,896	1/2	136,369	1/2	124,843	1/2	113,316	1/2	101,790	1/2	90,263	1/2	80,711	1/2	67,145	1/2	55,635	1/2
3/4	3/4	147,656	3/4	136,129	3/4	124,603	3/4	113,076	3/4	101,549	3/4	90,023	3/4	80,471	3/4	66,900	3/4	55,390	3/4
1	1	147,415	1	135,889	1	124,362	1	112,836	1	101,309	1	89,783	1	80,226	1	66,655	1	55,145	1
1/4	1/4	147,175	1/4	135,649	1/4	124,122	1/4	112,596	1/4	101,069	1/4	89,543	1/4	80,981	1/4	66,410	1/4	54,900	1/4
1/2	1/2	146,935	1/2	135,409	1/2	123,882	1/2	112,356	1/2	100,829	1/2	89,303	1/2	80,736	1/2	66,165	1/2	54,655	1/2
3/4	3/4	146,695	3/4	135,169	3/4	123,642	3/4	112,115	3/4	100,589	3/4	89,062	3/4	80,491	3/4	65,920	3/4	54,410	3/4
1	1	146,455	1	134,928	1	123,402	1	111,875	1	100,349	1	88,822	1	80,246	1	65,675	1	54,165	1
1/4	1/4	146,215	1/4	134,688	1/4	123,162	1/4	111,635	1/4	100,109	1/4	88,582	1/4	80,001	1/4	65,430	1/4	53,920	1/4
1/2	1/2	145,975	1/2	134,448	1/2	122,922	1/2	111,395	1/2	99,869	1/2	88,342	1/2	79,756	1/2	65,185	1/2	53,675	1/2
3/4	3/4	145,735	3/4	134,208	3/4	122,681	3/4	111,155	3/4	99,629	3/4	88,102	3/4	79,511	3/4	64,940	3/4	53,430	3/4
1	1	145,494	1	133,968	1	122,441	1	110,915	1	99,388	1	87,862	1	79,266	1	64,695	1	53,185	1
1/4	1/4	145,254	1/4	133,728	1/4	122,201	1/4	110,675	1/4	99,148	1/4	87,622	1/4	79,021	1/4	64,450	1/4	52,940	1/4
1/2	1/2	145,014	1/2	133,488	1/2	121,961	1/2	110,435	1/2	98,908	1/2	87,381	1/2	78,776	1/2	64,205	1/2	52,695	1/2
3/4	3/4	144,774	3/4	133,247	3/4	121,721	3/4	110,194	3/4	98,668	3/4	87,141	3/4	78,531	3/4	63,960	3/4	52,450	3/4
1	1	144,534	1	133,007	1	121,481	1	109,954	1	98,428	1	86,901	1	78,286	1	63,715	1	52,205	1
1/4	1/4	144,294	1/4	132,767	1/4	121,241	1/4	109,714	1/4	98,188	1/4	86,661	1/4	78,041	1/4	63,470	1/4	51,960	1/4
1/2	1/2	144,054	1/2	132,527	1/2	121,001	1/2	109,474	1/2	97,947	1/2	86,421	1/2	77,796	1/2	63,225	1/2	51,715	1/2
3/4	3/4	143,813	3/4	132,287	3/4	120,760	3/4	109,234	3/4	97,707	3/4	86,181	3/4	77,551	3/4	62,980	3/4	51,470	3/4
1	1	143,573	1	132,047	1	120,520	1	108,994	1	97,467	1	85,941	1	77,306	1	62,735	1	51,225	1
1/4	1/4	143,333	1/4	131,807	1/4	120,280	1/4	108,754	1/4	97,227	1/4	85,700	1/4	77,061	1/4	62,490	1/4	50,980	1/4
1/2	1/2	143,093	1/2	131,566	1/2	120,040	1/2	108,513	1/2	96,987	1/2	85,460	1/2	76,816	1/2	62,245	1/2	50,735	1/2
3/4	3/4	142,853	3/4	131,326	3/4	119,800	3/4	108,273	3/4	96,747	3/4	85,220	3/4	76,571	3/4	62,000	3/4	50,490	3/4
1	1	142,613	1	131,086	1	119,560	1	108,033	1	96,507	1	84,980	1	76,326	1	61,755	1	50,245	1
1/4	1/4	142,373	1/4	130,846	1/4	119,320	1/4	107,793	1/4	96,266	1/4	84,740	1/4	76,081	1/4	61,510	1/4	50,000	1/4
1/2	1/2	142,132	1/2	130,606	1/2	119,079	1/2	107,553	1/2	96,026	1/2	84,500	1/2	75,836	1/2	61,265	1/2	49,755	1/2
3/4	3/4	141,892	3/4	130,366	3/4	118,839	3/4	107,313	3/4	95,786	3/4	84,260	3/4	75,591	3/4	61,020	3/4	49,510	3/4
1	1	141,652	1	130,126	1	118,599	1	107,073	1	95,546	1	84,020	1	75,346	1	60,775	1	49,265	1
1/4	1/4	141,412	1/4	129,886	1/4	118,359	1/4	106,832	1/4	95,306	1/4	83,779	1/4	75,101	1/4	60,530	1/4	49,020	1/4
1/2	1/2	141,172	1/2	129,645	1/2	118,119	1/2	106,592	1/2	95,066	1/2	83,539	1/2	74,856	1/2	60,285	1/2	48,775	1/2
3/4	3/4	140,932	3/4	129,405	3/4	117,879	3/4	106,352	3/4	94,826	3/4	83,299	3/4	74,611	3/4	60,040	3/4	48,530	3/4
1	1	140,692	1	129,165	1	117,639	1	106,112	1	94,586	1	83,059	1	74,366	1	59,795	1	48,285	1
1/4	1/4	140,452	1/4	128,925	1/4	117,398	1/4	105,872	1/4	94,345	1/4	82,819	1/4	74,121	1/4	59,550	1/4	48,040	1/4
1/2	1/2	140,211	1/2	128,685	1/2	117,158	1/2	105,632	1/2	94,105	1/2	82,579	1/2	73,876	1/2	59,305	1/2	47,795	1/2
3/4	3/4	139,971	3/4	128,445	3/4	116,918	3/4	105,392	3/4	93,865	3/4	82,339	3/4	73,631	3/4	59,060	3/4	47,550	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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.

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





# BARGE "IB 1984"

2 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	59,045	0	47,519	0	36,013	0	24,748	0	13,222	0	1,705	0		0					
1/4	58,805	1/4	47,279	1/4	35,780	1/4	24,508	1/4	12,982	1/4	1,467	1/4		1/4					
1/2	58,565	1/2	47,039	1/2	35,547	1/2	24,268	1/2	12,741	1/2	1,267	1/2		1/2					
3/4	58,325	3/4	46,798	3/4	35,314	3/4	24,027	3/4	12,501	3/4	1,067	3/4		3/4					
1	58,085	1	46,558	1	35,081	1	23,787	1	12,261	1	867	1		1					
1 1/4	57,845	1 1/4	46,318	1 1/4	34,848	1 1/4	23,547	1 1/4	12,021	1 1/4	667	1 1/4		1 1/4					
1 1/2	57,605	1 1/2	46,078	1 1/2	34,615	1 1/2	23,307	1 1/2	11,781	1 1/2	547	1 1/2		1 1/2					
3/4	57,364	3/4	45,838	3/4	34,381	3/4	23,067	3/4	11,541	3/4	427	3/4		3/4					
2	57,124	2	45,598	2	34,148	2	22,827	2	11,301	2	306	2		2					
1/4	56,884	1/4	45,358	1/4	33,915	1/4	22,587	1/4	11,061	1/4	186	1/4		1/4					
1/2	56,644	1/2	45,117	1/2	33,682	1/2	22,347	1/2	10,820	1/2	146	1/2		1/2					
3/4	56,404	3/4	44,877	3/4	33,449	3/4	22,106	3/4	10,580	3/4	106	3/4		3/4					
3	56,164	3	44,637	3	33,216	3	21,866	3	10,340	3	66	3		3					
1/4	55,924	1/4	44,397	1/4	32,983	1/4	21,626	1/4	10,100	1/4	26	1/4		1/4					
1/2	55,683	1/2	44,157	1/2	32,750	1/2	21,386	1/2	9,860	1/2		1/2		1/2					
3/4	55,443	3/4	43,917	3/4	32,517	3/4	21,146	3/4	9,620	3/4		3/4		3/4					
4	55,203	4	43,677	4	32,284	4	20,906	4	9,380	4		4		4					
1/4	54,963	1/4	43,436	1/4	32,051	1/4	20,666	1/4	9,140	1/4		1/4		1/4					
1/2	54,723	1/2	43,196	1/2	31,818	1/2	20,426	1/2	8,899	1/2		1/2		1/2					
3/4	54,483	3/4	42,956	3/4	31,585	3/4	20,185	3/4	8,659	3/4		3/4		3/4					
5	54,243	5	42,716	5	31,351	5	19,945	5	8,419	5		5		5					
1/4	54,002	1/4	42,476	1/4	31,118	1/4	19,705	1/4	8,179	1/4		1/4		1/4					
1/2	53,762	1/2	42,236	1/2	30,885	1/2	19,465	1/2	7,939	1/2		1/2		1/2					
3/4	53,522	3/4	41,996	3/4	30,652	3/4	19,225	3/4	7,699	3/4		3/4		3/4					
6	53,282	6	41,756	6	30,419	6	18,985	6	7,459	6		6		6					
1/4	53,042	1/4	41,515	1/4	30,186	1/4	18,745	1/4	7,219	1/4		1/4		1/4					
1/2	52,802	1/2	41,275	1/2	29,953	1/2	18,505	1/2	6,978	1/2		1/2		1/2					
3/4	52,562	3/4	41,035	3/4	29,720	3/4	18,264	3/4	6,738	3/4		3/4		3/4					
7	52,322	7	40,795	7	29,487	7	18,024	7	6,498	7		7		7					
1/4	52,081	1/4	40,555	1/4	29,254	1/4	17,784	1/4	6,258	1/4		1/4		1/4					
1/2	51,841	1/2	40,315	1/2	29,021	1/2	17,544	1/2	6,018	1/2		1/2		1/2					
3/4	51,601	3/4	40,075	3/4	28,788	3/4	17,304	3/4	5,778	3/4		3/4		3/4					
8	51,361	8	39,834	8	28,555	8	17,064	8	5,538	8		8		8					
1/4	51,121	1/4	39,594	1/4	28,322	1/4	16,824	1/4	5,298	1/4		1/4		1/4					
1/2	50,881	1/2	39,354	1/2	28,088	1/2	16,584	1/2	5,058	1/2		1/2		1/2					
3/4	50,641	3/4	39,114	3/4	27,855	3/4	16,343	3/4	4,817	3/4		3/4		3/4					
9	50,400	9	38,874	9	27,622	9	16,103	9	4,577	9		9		9					
1/4	50,160	1/4	38,634	1/4	27,389	1/4	15,863	1/4	4,337	1/4		1/4		1/4					
1/2	49,920	1/2	38,394	1/2	27,149	1/2	15,623	1/2	4,097	1/2		1/2		1/2					
3/4	49,680	3/4	38,153	3/4	26,909	3/4	15,383	3/4	3,857	3/4		3/4		3/4					
10	49,440	10	37,913	10	26,669	10	15,143	10	3,617	10		10		10					
1/4	49,200	1/4	37,673	1/4	26,429	1/4	14,903	1/4	3,377	1/4		1/4		1/4					
1/2	48,960	1/2	37,433	1/2	26,189	1/2	14,662	1/2	3,137	1/2		1/2		1/2					
3/4	48,719	3/4	37,193	3/4	25,948	3/4	14,422	3/4	2,898	3/4		3/4		3/4					
11	48,479	11	36,953	11	25,708	11	14,182	11	2,658	11		11		11					
1/4	48,239	1/4	36,713	1/4	25,468	1/4	13,942	1/4	2,419	1/4		1/4		1/4					
1/2	47,999	1/2	36,480	1/2	25,228	1/2	13,702	1/2	2,181	1/2		1/2		1/2					
3/4	47,759	3/4	36,246	3/4	24,988	3/4	13,462	3/4	1,943	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  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77586  
http://www.pmacorp.net





# BARGE "IB 1984"

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	56,956	0	47,498	0	36,042	0	24,600	0	13,143	0	1,695	0		0		0		0	
1/4	56,718	1/4	47,260	1/4	35,803	1/4	24,362	1/4	12,904	1/4	1,458	1/4		1/4		1/4		1/4	
1/2	56,479	1/2	47,021	1/2	35,565	1/2	24,123	1/2	12,666	1/2	1,259	1/2		1/2		1/2		1/2	
3/4	56,240	3/4	46,782	3/4	35,327	3/4	23,884	3/4	12,427	3/4	1,060	3/4		3/4		3/4		3/4	
1	56,002	1	46,544	1	35,089	1	23,646	1	12,188	1	862	1		1		1		1	
1 1/4	57,763	1 1/4	46,305	1 1/4	34,850	1 1/4	23,407	1 1/4	11,950	1 1/4	663	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	57,524	1 1/2	46,066	1 1/2	34,612	1 1/2	23,168	1 1/2	11,711	1 1/2	543	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	57,285	3/4	45,828	3/4	34,374	3/4	22,930	3/4	11,472	3/4	424	3/4		3/4		3/4		3/4	
2	57,047	2	45,589	2	34,135	2	22,691	2	11,233	2	305	2		2		2		2	
1/4	56,808	1/4	45,350	1/4	33,897	1/4	22,452	1/4	10,995	1/4	185	1/4		1/4		1/4		1/4	
1/2	56,569	1/2	45,111	1/2	33,659	1/2	22,214	1/2	10,756	1/2	146	1/2		1/2		1/2		1/2	
3/4	56,331	3/4	44,873	3/4	33,421	3/4	21,975	3/4	10,517	3/4	106	3/4		3/4		3/4		3/4	
3	56,092	3	44,634	3	33,182	3	21,736	3	10,279	3	66	3		3		3		3	
1/4	55,853	1/4	44,395	1/4	32,944	1/4	21,497	1/4	10,040	1/4	26	1/4		1/4		1/4		1/4	
1/2	55,615	1/2	44,157	1/2	32,706	1/2	21,259	1/2	9,801	1/2		1/2		1/2		1/2		1/2	
3/4	55,376	3/4	43,918	3/4	32,468	3/4	21,020	3/4	9,563	3/4		3/4		3/4		3/4		3/4	
4	55,137	4	43,679	4	32,229	4	20,781	4	9,324	4		4		4		4		4	
1/4	54,898	1/4	43,440	1/4	31,991	1/4	20,543	1/4	9,085	1/4		1/4		1/4		1/4		1/4	
1/2	54,660	1/2	43,202	1/2	31,753	1/2	20,304	1/2	8,846	1/2		1/2		1/2		1/2		1/2	
3/4	54,421	3/4	42,963	3/4	31,515	3/4	20,065	3/4	8,608	3/4		3/4		3/4		3/4		3/4	
5	54,182	5	42,724	5	31,276	5	19,827	5	8,369	5		5		5		5		5	
1/4	53,944	1/4	42,486	1/4	31,038	1/4	19,588	1/4	8,130	1/4		1/4		1/4		1/4		1/4	
1/2	53,705	1/2	42,247	1/2	30,800	1/2	19,349	1/2	7,892	1/2		1/2		1/2		1/2		1/2	
3/4	53,466	3/4	42,008	3/4	30,562	3/4	19,110	3/4	7,653	3/4		3/4		3/4		3/4		3/4	
6	53,227	6	41,770	6	30,323	6	18,872	6	7,414	6		6		6		6		6	
1/4	52,989	1/4	41,531	1/4	30,085	1/4	18,633	1/4	7,176	1/4		1/4		1/4		1/4		1/4	
1/2	52,750	1/2	41,292	1/2	29,847	1/2	18,394	1/2	6,937	1/2		1/2		1/2		1/2		1/2	
3/4	52,511	3/4	41,053	3/4	29,609	3/4	18,156	3/4	6,698	3/4		3/4		3/4		3/4		3/4	
7	52,273	7	40,815	7	29,370	7	17,917	7	6,460	7		7		7		7		7	
1/4	52,034	1/4	40,576	1/4	29,132	1/4	17,678	1/4	6,221	1/4		1/4		1/4		1/4		1/4	
1/2	51,795	1/2	40,337	1/2	28,894	1/2	17,440	1/2	5,982	1/2		1/2		1/2		1/2		1/2	
3/4	51,557	3/4	40,099	3/4	28,656	3/4	17,201	3/4	5,744	3/4		3/4		3/4		3/4		3/4	
8	51,318	8	39,860	8	28,417	8	16,962	8	5,505	8		8		8		8		8	
1/4	51,079	1/4	39,621	1/4	28,179	1/4	16,723	1/4	5,266	1/4		1/4		1/4		1/4		1/4	
1/2	50,840	1/2	39,382	1/2	27,941	1/2	16,485	1/2	5,028	1/2		1/2		1/2		1/2		1/2	
3/4	50,602	3/4	39,144	3/4	27,703	3/4	16,246	3/4	4,789	3/4		3/4		3/4		3/4		3/4	
9	50,363	9	38,905	9	27,464	9	16,007	9	4,550	9		9		9		9		9	
1/4	50,124	1/4	38,666	1/4	27,226	1/4	15,769	1/4	4,311	1/4		1/4		1/4		1/4		1/4	
1/2	49,885	1/2	38,428	1/2	26,987	1/2	15,530	1/2	4,073	1/2		1/2		1/2		1/2		1/2	
3/4	49,647	3/4	38,189	3/4	26,749	3/4	15,291	3/4	3,834	3/4		3/4		3/4		3/4		3/4	
10	49,408	10	37,950	10	26,510	10	15,053	10	3,596	10		10		10		10		10	
1/4	49,169	1/4	37,712	1/4	26,271	1/4	14,814	1/4	3,357	1/4		1/4		1/4		1/4		1/4	
1/2	48,931	1/2	37,473	1/2	26,033	1/2	14,575	1/2	3,119	1/2		1/2		1/2		1/2		1/2	
3/4	48,692	3/4	37,234	3/4	25,794	3/4	14,337	3/4	2,881	3/4		3/4		3/4		3/4		3/4	
11	48,453	11	36,995	11	25,555	11	14,098	11	2,643	11		11		11		11		11	
1/4	48,215	1/4	36,757	1/4	25,317	1/4	13,859	1/4	2,405	1/4		1/4		1/4		1/4		1/4	
1/2	47,976	1/2	36,518	1/2	25,078	1/2	13,620	1/2	2,168	1/2		1/2		1/2		1/2		1/2	
3/4	47,737	3/4	36,280	3/4	24,839	3/4	13,382	3/4	1,931	3/4		3/4		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  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2017

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