

Garth



BARGE "1B 1317"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
3 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8

(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 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

March 25, 2020

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

<http://www.pmacorp.net>

Tom Skram



BARGE "IB 1317"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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	170,336	0	160,889	0	150,713	0	140,536	0	130,359	0	119,545	0	107,653	0	95,756	0	83,858	
1/4	1/4	170,299	1/4	160,677	1/4	150,501	1/4	140,324	1/4	130,147	1/4	119,298	1/4	107,406	1/4	95,508	1/4	83,610	
1/2	1/2	170,202	1/2	160,465	1/2	150,289	1/2	140,112	1/2	129,935	1/2	119,050	1/2	107,158	1/2	95,250	1/2	83,362	
3/4	3/4	170,134	3/4	160,253	3/4	150,077	3/4	139,900	3/4	129,723	3/4	118,803	3/4	106,910	3/4	95,012	3/4	83,115	
1	1	169,990	1	160,041	1	149,865	1	139,688	1	129,511	1	118,555	1	106,662	1	94,764	1	82,867	
1/4	1/4	169,845	1/4	159,829	1/4	149,653	1/4	139,476	1/4	129,299	1/4	118,308	1/4	106,414	1/4	94,516	1/4	82,619	
1/2	1/2	169,700	1/2	159,617	1/2	149,441	1/2	139,264	1/2	129,087	1/2	118,060	1/2	106,166	1/2	94,269	1/2	82,371	
3/4	3/4	169,555	3/4	159,405	3/4	149,229	3/4	139,052	3/4	128,875	3/4	117,813	3/4	105,918	3/4	94,021	3/4	82,123	
2	2	169,350	2	159,193	2	149,017	2	138,840	2	128,653	2	117,565	2	105,671	2	93,773	2	81,876	
1/4	1/4	169,145	1/4	158,981	1/4	148,805	1/4	138,628	1/4	128,451	1/4	117,318	1/4	105,423	1/4	93,525	1/4	81,629	
1/2	1/2	168,940	1/2	158,769	1/2	148,593	1/2	138,451	1/2	128,239	1/2	117,070	1/2	105,175	1/2	93,277	1/2	81,382	
3/4	3/4	168,734	3/4	158,557	3/4	148,381	3/4	138,204	3/4	128,027	3/4	116,823	3/4	104,927	3/4	93,029	3/4	81,135	
3	3	168,522	3	158,345	3	148,169	3	137,992	3	127,815	3	116,575	3	104,679	3	92,781	3	80,888	
1/4	1/4	168,309	1/4	158,133	1/4	147,997	1/4	137,780	1/4	127,603	1/4	116,328	1/4	104,431	1/4	92,534	1/4	80,641	
1/2	1/2	168,096	1/2	157,921	1/2	147,745	1/2	137,568	1/2	127,391	1/2	116,080	1/2	104,183	1/2	92,286	1/2	80,394	
3/4	3/4	167,884	3/4	157,709	3/4	147,533	3/4	137,356	3/4	127,179	3/4	115,833	3/4	103,935	3/4	92,038	3/4	80,148	
4	4	167,672	4	157,497	4	147,321	4	137,144	4	126,967	4	115,585	4	103,688	4	91,790	4	79,901	
1/4	1/4	167,461	1/4	157,285	1/4	147,109	1/4	136,932	1/4	126,755	1/4	115,337	1/4	103,440	1/4	91,542	1/4	79,654	
1/2	1/2	167,249	1/2	157,073	1/2	146,897	1/2	136,720	1/2	126,543	1/2	115,089	1/2	103,192	1/2	91,294	1/2	79,407	
3/4	3/4	167,038	3/4	156,861	3/4	146,685	3/4	136,508	3/4	126,331	3/4	114,842	3/4	102,944	3/4	91,046	3/4	79,160	
5	5	166,826	5	156,649	5	146,473	5	136,296	5	126,119	5	114,594	5	102,696	5	90,798	5	78,913	
1/4	1/4	166,614	1/4	156,437	1/4	146,261	1/4	136,084	1/4	125,907	1/4	114,346	1/4	102,448	1/4	90,551	1/4	78,667	
1/2	1/2	166,402	1/2	156,225	1/2	146,049	1/2	135,872	1/2	125,685	1/2	114,098	1/2	102,200	1/2	90,303	1/2	78,420	
3/4	3/4	166,190	3/4	156,013	3/4	145,836	3/4	135,660	3/4	125,483	3/4	113,850	3/4	101,953	3/4	90,055	3/4	78,173	
6	6	165,978	6	155,801	6	145,624	6	135,448	6	125,271	6	113,602	6	101,705	6	89,807	6	77,926	
1/4	1/4	165,766	1/4	155,589	1/4	145,412	1/4	135,236	1/4	125,059	1/4	113,354	1/4	101,457	1/4	89,559	1/4	77,679	
1/2	1/2	165,554	1/2	155,377	1/2	145,200	1/2	135,024	1/2	124,847	1/2	113,107	1/2	101,209	1/2	89,311	1/2	77,433	
3/4	3/4	165,342	3/4	155,165	3/4	144,988	3/4	134,812	3/4	124,635	3/4	112,859	3/4	100,961	3/4	89,063	3/4	77,186	
7	7	165,130	7	154,953	7	144,776	7	134,600	7	124,410	7	112,611	7	100,713	7	88,816	7	76,939	
1/4	1/4	164,918	1/4	154,741	1/4	144,564	1/4	134,388	1/4	124,185	1/4	112,363	1/4	100,465	1/4	88,568	1/4	76,692	
1/2	1/2	164,706	1/2	154,529	1/2	144,352	1/2	134,176	1/2	123,960	1/2	112,115	1/2	100,217	1/2	88,320	1/2	76,445	
3/4	3/4	164,494	3/4	154,317	3/4	144,140	3/4	133,964	3/4	123,735	3/4	111,867	3/4	99,970	3/4	88,072	3/4	76,199	
8	8	164,282	8	154,105	8	143,928	8	133,752	8	123,522	8	111,619	8	99,722	8	87,824	8	75,952	
1/4	1/4	164,070	1/4	153,893	1/4	143,716	1/4	133,540	1/4	123,249	1/4	111,371	1/4	99,474	1/4	87,576	1/4	75,705	
1/2	1/2	163,858	1/2	153,681	1/2	143,504	1/2	133,328	1/2	123,006	1/2	111,124	1/2	99,226	1/2	87,328	1/2	75,458	
3/4	3/4	163,646	3/4	153,469	3/4	143,292	3/4	133,116	3/4	122,783	3/4	110,876	3/4	98,978	3/4	87,080	3/4	75,211	
9	9	163,434	9	153,257	9	143,080	9	132,904	9	122,516	9	110,628	9	98,730	9	86,833	9	74,964	
1/4	1/4	163,222	1/4	153,045	1/4	142,868	1/4	132,688	1/4	122,268	1/4	110,380	1/4	98,482	1/4	86,585	1/4	74,718	
1/2	1/2	163,010	1/2	152,833	1/2	142,656	1/2	132,480	1/2	122,021	1/2	110,132	1/2	98,234	1/2	86,337	1/2	74,471	
3/4	3/4	162,798	3/4	152,621	3/4	142,444	3/4	132,268	3/4	121,773	3/4	109,884	3/4	97,987	3/4	86,089	3/4	74,224	
10	10	162,586	10	152,409	10	142,232	10	132,056	10	121,526	10	109,636	10	97,739	10	85,841	10	73,977	
1/4	1/4	162,374	1/4	152,197	1/4	142,020	1/4	131,844	1/4	121,278	1/4	109,389	1/4	97,491	1/4	85,593	1/4	73,730	
1/2	1/2	162,162	1/2	151,985	1/2	141,808	1/2	131,632	1/2	121,031	1/2	109,141	1/2	97,243	1/2	85,345	1/2	73,484	
3/4	3/4	161,950	3/4	151,773	3/4	141,596	3/4	131,420	3/4	120,783	3/4	108,893	3/4	96,995	3/4	85,098	3/4	73,237	
11	11	161,738	11	151,561	11	141,384	11	131,208	11	120,536	11	108,645	11	96,747	11	84,850	11	72,990	
1/4	1/4	161,526	1/4	151,349	1/4	141,172	1/4	131,034	1/4	120,288	1/4	108,397	1/4	96,499	1/4	84,602	1/4	72,743	
1/2	1/2	161,313	1/2	151,137	1/2	140,960	1/2	130,786	1/2	120,041	1/2	108,149	1/2	96,252	1/2	84,354	1/2	72,496	
3/4	3/4	161,101	3/4	150,925	3/4	140,748	3/4	130,571	3/4	119,793	3/4	107,901	3/4	96,004	3/4	84,106	3/4	72,249	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.
P. O. Box 2092
Pasland, Texas 77388

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BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS 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 30'-00" FORWARD OF AFT BULKHEAD.



BARGE "IB 1317"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

IN	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	72,002	0	60,110	48,217	36,392	24,750	12,838	1,040	0	0
1/4	71,754	1/4	59,862	47,969	36,152	24,502	12,590	870	1/4	1/4
1/2	71,507	1/2	59,614	47,721	35,913	24,254	12,341	699	1/2	1/2
3/4	71,259	3/4	59,366	47,474	35,674	24,006	12,093	529	3/4	3/4
1	71,012	1	59,119	47,226	35,434	23,758	11,845	454	1	1
1 1/4	70,764	1 1/4	58,871	46,978	35,195	23,510	11,596	380	1 1/4	1 1/4
1 1/2	70,516	1 1/2	58,623	46,730	34,956	23,262	11,348	305	1 1/2	1 1/2
1 3/4	70,268	1 3/4	58,375	46,482	34,717	23,014	11,099	230	1 3/4	1 3/4
2	70,021	2	58,128	46,235	34,477	22,766	10,851	2	2	2
1/4	69,773	1/4	57,880	45,987	34,238	22,518	10,603	1/4	1/4	1/4
1/2	69,525	1/2	57,632	45,739	33,998	22,270	10,354	1/2	1/2	1/2
3/4	69,277	3/4	57,384	45,491	33,759	22,023	10,106	3/4	3/4	3/4
1	69,029	1	57,137	45,244	33,520	21,775	9,857	1	1	1
1 1/4	68,782	1 1/4	56,889	44,996	33,280	21,527	9,609	1 1/4	1 1/4	1 1/4
1 1/2	68,534	1 1/2	56,641	44,748	33,041	21,279	9,360	1 1/2	1 1/2	1 1/2
1 3/4	68,286	1 3/4	56,393	44,500	32,802	21,031	9,112	1 3/4	1 3/4	1 3/4
2	68,038	2	56,145	44,253	32,563	20,783	8,864	2	2	2
1/4	67,791	1/4	55,898	44,005	32,323	20,535	8,615	1/4	1/4	1/4
1/2	67,543	1/2	55,650	43,757	32,084	20,287	8,367	1/2	1/2	1/2
3/4	67,295	3/4	55,402	43,509	31,845	20,039	8,118	3/4	3/4	3/4
1	67,047	1	55,154	43,261	31,605	19,791	7,870	1	1	1
1 1/4	66,800	1 1/4	54,907	43,014	31,366	19,543	7,622	1 1/4	1 1/4	1 1/4
1 1/2	66,552	1 1/2	54,659	42,766	31,127	19,295	7,373	1 1/2	1 1/2	1 1/2
1 3/4	66,304	1 3/4	54,411	42,518	30,887	19,047	7,125	1 3/4	1 3/4	1 3/4
2	66,056	2	54,163	42,270	30,646	18,799	6,876	2	2	2
1/4	65,808	1/4	53,916	42,023	30,406	18,551	6,628	1/4	1/4	1/4
1/2	65,561	1/2	53,668	41,775	30,165	18,303	6,379	1/2	1/2	1/2
3/4	65,313	3/4	53,420	41,527	29,924	18,054	6,131	3/4	3/4	3/4
1	65,065	1	53,172	41,279	29,682	17,806	5,883	1	1	1
1 1/4	64,817	1 1/4	52,924	41,032	29,441	17,558	5,634	1 1/4	1 1/4	1 1/4
1 1/2	64,570	1 1/2	52,677	40,784	29,199	17,309	5,386	1 1/2	1 1/2	1 1/2
1 3/4	64,322	1 3/4	52,429	40,536	28,958	17,061	5,137	1 3/4	1 3/4	1 3/4
2	64,074	2	52,181	40,288	28,712	16,812	4,889	2	2	2
1/4	63,826	1/4	51,933	40,040	28,465	16,564	4,641	1/4	1/4	1/4
1/2	63,579	1/2	51,686	39,793	28,219	16,315	4,392	1/2	1/2	1/2
3/4	63,331	3/4	51,438	39,545	27,973	16,067	4,144	3/4	3/4	3/4
1	63,083	1	51,190	39,297	27,725	15,819	3,895	1	1	1
1 1/4	62,835	1 1/4	50,942	39,049	27,477	15,570	3,647	1 1/4	1 1/4	1 1/4
1 1/2	62,587	1 1/2	50,695	38,802	27,229	15,322	3,399	1 1/2	1 1/2	1 1/2
1 3/4	62,340	1 3/4	50,447	38,554	26,981	15,074	3,151	1 3/4	1 3/4	1 3/4
2	62,092	2	50,199	38,312	26,733	14,825	2,903	2	2	2
1/4	61,844	1/4	49,951	38,071	26,485	14,577	2,656	1/4	1/4	1/4
1/2	61,596	1/2	49,703	37,830	26,237	14,329	2,409	1/2	1/2	1/2
3/4	61,349	3/4	49,456	37,588	25,989	14,080	2,161	3/4	3/4	3/4
1	61,101	1	49,208	37,349	25,741	13,832	1,923	1	1	1
1 1/4	60,853	1 1/4	48,960	37,110	25,493	13,583	1,686	1 1/4	1 1/4	1 1/4
1 1/2	60,605	1 1/2	48,712	36,870	25,246	13,335	1,448	1 1/2	1 1/2	1 1/2
1 3/4	60,358	1 3/4	48,465	36,631	24,998	13,087	1,210	1 3/4	1 3/4	1 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/23/2020 CL
 CALCULATED: 03/24/2020 CL
 PRINTED: 03/24/2020 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
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[Signature]



BARGE "IB 1317"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1/4	153,694	1/4	144,035	1/4	133,746	1/4	123,670	1/4	113,812	1/4	103,381	1/4	93,091	1/4	82,801	1/4	72,512	1/4	62,222	1/4	51,932
1/2	153,636	1/2	143,821	1/2	133,511	1/2	123,242	1/2	112,952	1/2	102,662	1/2	92,373	1/2	82,083	1/2	71,793	1/2	61,503	1/2	51,213
3/4	153,511	3/4	143,607	3/4	133,317	3/4	123,027	3/4	112,738	3/4	102,448	3/4	92,158	3/4	81,869	3/4	71,579	3/4	61,289	3/4	51,000
1	153,386	1	143,392	1	133,103	1	122,813	1	112,523	1	102,233	1	91,944	1	81,654	1	71,365	1	61,075	1	50,785
1 1/4	153,261	1 1/4	143,178	1 1/4	132,888	1 1/4	122,599	1 1/4	112,309	1 1/4	102,019	1 1/4	91,730	1 1/4	81,440	1 1/4	71,150	1 1/4	60,860	1 1/4	50,570
1 1/2	153,136	1 1/2	142,963	1 1/2	132,674	1 1/2	122,394	1 1/2	112,095	1 1/2	101,805	1 1/2	91,515	1 1/2	81,226	1 1/2	70,936	1 1/2	60,646	1 1/2	50,380
1 3/4	152,947	1 3/4	142,749	1 3/4	132,459	1 3/4	122,170	1 3/4	111,880	1 3/4	101,591	1 3/4	91,301	1 3/4	81,011	1 3/4	70,722	1 3/4	60,432	1 3/4	50,190
2	152,758	2	142,535	2	132,245	2	121,955	2	121,955	2	111,665	2	101,376	2	91,087	2	80,797	2	70,507	2	60,217
2 1/4	152,569	2 1/4	142,320	2 1/4	132,031	2 1/4	121,741	2 1/4	121,741	2 1/4	111,451	2 1/4	101,162	2 1/4	90,872	2 1/4	80,582	2 1/4	70,293	2 1/4	60,027
2 1/2	152,380	2 1/2	142,106	2 1/2	131,816	2 1/2	121,527	2 1/2	121,527	2 1/2	111,237	2 1/2	100,947	2 1/2	90,658	2 1/2	80,368	2 1/2	70,078	2 1/2	59,837
2 3/4	152,169	2 3/4	141,892	2 3/4	131,602	2 3/4	121,312	2 3/4	121,312	2 3/4	111,023	2 3/4	100,733	2 3/4	90,443	2 3/4	80,154	2 3/4	69,864	2 3/4	59,646
3	151,988	3	141,677	3	131,388	3	121,098	3	121,098	3	110,808	3	100,519	3	90,229	3	79,939	3	69,650	3	59,456
3 1/4	151,747	3 1/4	141,463	3 1/4	131,173	3 1/4	120,884	3 1/4	120,884	3 1/4	110,594	3 1/4	100,304	3 1/4	90,015	3 1/4	79,725	3 1/4	69,435	3 1/4	59,262
3 1/2	151,536	3 1/2	141,249	3 1/2	130,959	3 1/2	120,669	3 1/2	120,669	3 1/2	110,380	3 1/2	100,090	3 1/2	89,800	3 1/2	79,511	3 1/2	69,221	3 1/2	59,072
3 3/4	151,322	3 3/4	141,034	3 3/4	130,744	3 3/4	120,455	3 3/4	120,455	3 3/4	110,165	3 3/4	99,876	3 3/4	89,586	3 3/4	79,296	3 3/4	68,977	3 3/4	58,878
4	151,108	4	140,820	4	130,530	4	120,240	4	120,240	4	109,951	4	99,661	4	89,372	4	79,082	4	68,792	4	58,792
4 1/4	150,894	4 1/4	140,605	4 1/4	130,316	4 1/4	120,026	4 1/4	120,026	4 1/4	109,736	4 1/4	99,447	4 1/4	89,157	4 1/4	78,888	4 1/4	68,578	4 1/4	58,578
4 1/2	150,680	4 1/2	140,391	4 1/2	130,101	4 1/2	119,812	4 1/2	119,812	4 1/2	109,522	4 1/2	99,232	4 1/2	88,943	4 1/2	78,653	4 1/2	68,364	4 1/2	58,364
4 3/4	150,466	4 3/4	140,177	4 3/4	129,887	4 3/4	119,597	4 3/4	119,597	4 3/4	109,308	4 3/4	99,018	4 3/4	88,728	4 3/4	78,439	4 3/4	68,149	4 3/4	58,149
5	150,252	5	139,962	5	129,673	5	119,383	5	119,383	5	109,093	5	98,804	5	88,514	5	78,224	5	67,935	5	57,935
5 1/4	150,038	5 1/4	139,748	5 1/4	129,458	5 1/4	119,169	5 1/4	119,169	5 1/4	108,879	5 1/4	98,589	5 1/4	88,300	5 1/4	78,010	5 1/4	67,720	5 1/4	57,720
5 1/2	149,823	5 1/2	139,534	5 1/2	129,244	5 1/2	118,954	5 1/2	118,954	5 1/2	108,665	5 1/2	98,375	5 1/2	88,085	5 1/2	77,796	5 1/2	67,506	5 1/2	57,506
5 3/4	149,609	5 3/4	139,319	5 3/4	129,030	5 3/4	118,740	5 3/4	118,740	5 3/4	108,450	5 3/4	98,161	5 3/4	87,871	5 3/4	77,581	5 3/4	67,292	5 3/4	57,292
6	149,394	6	139,105	6	128,815	6	118,526	6	118,526	6	108,236	6	97,961	6	87,657	6	77,367	6	67,077	6	57,077
6 1/4	149,180	6 1/4	138,890	6 1/4	128,601	6 1/4	118,311	6 1/4	118,311	6 1/4	108,022	6 1/4	97,732	6 1/4	87,442	6 1/4	77,153	6 1/4	66,863	6 1/4	56,863
6 1/2	148,966	6 1/2	138,676	6 1/2	128,386	6 1/2	118,097	6 1/2	118,097	6 1/2	107,807	6 1/2	97,518	6 1/2	87,228	6 1/2	76,938	6 1/2	66,649	6 1/2	56,649
6 3/4	148,751	6 3/4	138,462	6 3/4	128,172	6 3/4	117,882	6 3/4	117,882	6 3/4	107,593	6 3/4	97,303	6 3/4	87,014	6 3/4	76,724	6 3/4	66,434	6 3/4	56,434
7	148,537	7	138,247	7	127,958	7	117,668	7	117,668	7	107,378	7	97,089	7	86,799	7	76,510	7	66,220	7	56,220
7 1/4	148,323	7 1/4	138,033	7 1/4	127,743	7 1/4	117,454	7 1/4	117,454	7 1/4	107,164	7 1/4	96,874	7 1/4	86,585	7 1/4	76,295	7 1/4	66,005	7 1/4	56,005
7 1/2	148,108	7 1/2	137,819	7 1/2	127,529	7 1/2	117,239	7 1/2	117,239	7 1/2	106,950	7 1/2	96,660	7 1/2	86,370	7 1/2	76,081	7 1/2	65,791	7 1/2	55,791
7 3/4	147,894	7 3/4	137,604	7 3/4	127,315	7 3/4	117,025	7 3/4	117,025	7 3/4	106,735	7 3/4	96,446	7 3/4	86,156	7 3/4	75,866	7 3/4	65,577	7 3/4	55,577
8	147,680	8	137,390	8	127,100	8	116,811	8	116,811	8	106,521	8	96,231	8	85,942	8	75,652	8	65,362	8	55,362
8 1/4	147,465	8 1/4	137,176	8 1/4	126,886	8 1/4	116,596	8 1/4	116,596	8 1/4	106,307	8 1/4	96,017	8 1/4	85,727	8 1/4	75,438	8 1/4	65,148	8 1/4	55,148
8 1/2	147,251	8 1/2	136,961	8 1/2	126,672	8 1/2	116,382	8 1/2	116,382	8 1/2	106,092	8 1/2	95,803	8 1/2	85,513	8 1/2	75,223	8 1/2	64,934	8 1/2	54,934
8 3/4	147,036	8 3/4	136,747	8 3/4	126,457	8 3/4	116,168	8 3/4	116,168	8 3/4	105,878	8 3/4	95,588	8 3/4	85,299	8 3/4	75,009	8 3/4	64,719	8 3/4	54,719
9	146,822	9	136,532	9	126,243	9	115,953	9	115,953	9	105,663	9	95,374	9	85,084	9	74,795	9	64,505	9	54,505
9 1/4	146,608	9 1/4	136,318	9 1/4	126,028	9 1/4	115,739	9 1/4	115,739	9 1/4	105,449	9 1/4	95,159	9 1/4	84,870	9 1/4	74,580	9 1/4	64,291	9 1/4	54,291
9 1/2	146,393	9 1/2	136,104	9 1/2	125,814	9 1/2	115,524	9 1/2	115,524	9 1/2	105,235	9 1/2	94,945	9 1/2	84,655	9 1/2	74,366	9 1/2	64,076	9 1/2	54,076
9 3/4	146,179	9 3/4	135,889	9 3/4	125,600	9 3/4	115,310	9 3/4	115,310	9 3/4	105,020	9 3/4	94,731	9 3/4	84,441	9 3/4	74,151	9 3/4	63,862	9 3/4	53,862
10	145,965	10	135,675	10	125,385	10	115,096	10	115,096	10	104,806	10	94,516	10	84,227	10	73,937	10	63,647	10	53,647
10 1/4	145,750	10 1/4	135,461	10 1/4	125,171	10 1/4	114,881	10 1/4	114,881	10 1/4	104,592	10 1/4	94,302	10 1/4	84,012	10 1/4	73,723	10 1/4	63,433	10 1/4	53,433
10 1/2	145,536	10 1/2	135,246	10 1/2	124,957	10 1/2	114,667	10 1/2	114,667	10 1/2	104,377	10 1/2	94,088	10 1/2	83,798	10 1/2	73,508	10 1/2	63,219	10 1/2	53,219
10 3/4	145,321	10 3/4	135,032	10 3/4	124,742	10 3/4	114,453	10 3/4	114,453	10 3/4	104,163	10 3/4	93,873	10 3/4	83,584	10 3/4	73,294	10 3/4	63,004	10 3/4	53,004
11	145,107	11	134,817	11	124,528	11	114,238	11	114,238	11	103,949	11	93,655	11	83,369	11	73,080	11	62,790	11	52,790
11 1/4	144,893	11 1/4	134,603	11 1/4	124,313	11 1/4	114,024	11 1/4	114,024	11 1/4	103,734	11 1/4	93,441	11 1/4	83,155	11 1/4	72,865	11 1/4	62,576	11 1/4	52,576
11 1/2	144,678	11 1/2	134,389	11 1/2	124,099	11 1/2	113,809	11 1/2	113,809	11 1/2	103,520	11 1/2	93,230	11 1/2	82,941	11 1/2	72,651	11 1/2	62,361	11 1/2	52,361
11 3/4	144,464																				



BARGE "IB 1317"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0	10 FT.	IN	0	11 FT.	IN	0	12 FT.	IN	0	13 FT.	IN	0	14 FT.	IN	0	15 FT.	IN	0	16 FT.	IN	0	17 FT.	IN	0	18 FT.	IN	0	19 FT.						
0	61,933	6	51,643	0	41,353	0	31,120	0	21,028	0	10,738	0	625	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
1/4	61,718	1/4	51,429	1/4	41,139	1/4	30,912	1/4	20,833	1/4	10,524	1/4	478	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4				
1/2	61,504	1/2	51,214	1/2	40,928	1/2	30,704	1/2	20,599	1/2	10,310	1/2	331	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2			
3/4	61,289	3/4	51,000	3/4	40,710	3/4	30,496	3/4	20,384	3/4	10,095	3/4	266	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4			
1	61,075	1	50,785	1	40,496	1	30,288	1	20,170	1	9,881	1	202	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1/4	60,861	1/4	50,571	1/4	40,281	1/4	30,080	1/4	19,956	1/4	9,667	1/4	138	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	60,646	1/2	50,357	1/2	40,067	1/2	29,871	1/2	19,741	1/2	9,452	1/2	74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	60,432	3/4	50,142	3/4	39,853	3/4	29,663	3/4	19,527	3/4	9,238	3/4	9,023	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
2	60,218	2	49,928	2	39,638	2	29,455	2	19,313	2	9,023	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	60,003	1/4	49,714	1/4	39,424	1/4	29,247	1/4	19,098	1/4	8,809	1/4	8,595	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,789	1/2	49,499	1/2	39,210	1/2	29,039	1/2	18,884	1/2	8,595	1/2	8,380	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,574	3/4	49,285	3/4	38,995	3/4	28,831	3/4	18,670	3/4	8,380	3/4	8,166	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	59,360	3	49,070	3	38,784	3	28,623	3	18,455	3	8,166	3	7,952	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	59,146	1/4	48,856	1/4	38,566	1/4	28,415	1/4	18,241	1/4	7,952	1/4	7,737	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,931	1/2	48,642	1/2	38,352	1/2	28,207	1/2	18,027	1/2	7,737	1/2	7,523	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,717	3/4	48,427	3/4	38,138	3/4	27,999	3/4	17,812	3/4	7,523	3/4	7,309	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
4	58,503	4	48,213	4	37,923	4	27,791	4	17,598	4	7,309	4	7,094	4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/4	58,288	1/4	47,999	1/4	37,709	1/4	27,583	1/4	17,383	1/4	7,094	1/4	6,880	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,074	1/2	47,784	1/2	37,495	1/2	27,375	1/2	17,169	1/2	6,880	1/2	6,666	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	57,860	3/4	47,570	3/4	37,280	3/4	27,167	3/4	16,955	3/4	6,666	3/4	6,451	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
6	57,645	6	47,356	6	37,066	6	26,958	6	16,740	6	6,451	6	6,237	6	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/4	57,431	1/4	47,141	1/4	36,852	1/4	26,750	1/4	16,526	1/4	6,237	1/4	6,022	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,216	1/2	46,927	1/2	36,637	1/2	26,542	1/2	16,312	1/2	6,022	1/2	5,808	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	57,002	3/4	46,712	3/4	36,423	3/4	26,334	3/4	16,097	3/4	5,808	3/4	5,594	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	56,788	8	46,498	8	36,208	8	26,127	8	15,883	8	5,594	8	5,379	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/4	56,573	1/4	46,284	1/4	35,994	1/4	25,919	1/4	15,669	1/4	5,379	1/4	5,165	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,359	1/2	46,069	1/2	35,780	1/2	25,711	1/2	15,454	1/2	5,165	1/2	4,951	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	56,145	3/4	45,855	3/4	35,565	3/4	25,503	3/4	15,240	3/4	4,951	3/4	4,736	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
7	55,930	7	45,641	7	35,351	7	25,295	7	15,025	7	4,736	7	4,522	7	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/4	55,716	1/4	45,426	1/4	35,137	1/4	25,087	1/4	14,811	1/4	4,522	1/4	4,308	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,502	1/2	45,212	1/2	34,922	1/2	24,879	1/2	14,597	1/2	4,308	1/2	4,093	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	55,287	3/4	44,997	3/4	34,708	3/4	24,667	3/4	14,382	3/4	4,093	3/4	3,879	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	55,073	8	44,783	8	34,493	8	24,454	8	14,168	8	3,879	8	3,665	8	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/4	54,858	1/4	44,569	1/4	34,279	1/4	24,241	1/4	13,954	1/4	3,665	1/4	3,450	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,644	1/2	44,354	1/2	34,065	1/2	24,029	1/2	13,739	1/2	3,450	1/2	3,236	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	54,430	3/4	44,140	3/4	33,850	3/4	23,814	3/4	13,525	3/4	3,23																								



BARGE "IB 1317"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01"

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	154,878	0	144,998	0	134,640	0	124,281	0	113,923	0	103,565	0	93,207	0	82,848	0	72,490	
1/4	1/4	154,782	1/4	144,782	1/4	134,424	1/4	124,066	1/4	113,707	1/4	103,349	1/4	92,991	1/4	82,633	1/4	72,274	
1/2	1/2	154,686	1/2	144,586	1/2	134,268	1/2	123,850	1/2	113,482	1/2	103,133	1/2	92,775	1/2	82,417	1/2	72,059	
3/4	3/4	154,501	3/4	144,350	3/4	133,992	3/4	123,634	3/4	113,276	3/4	102,918	3/4	92,559	3/4	82,201	3/4	71,843	
1	1	154,375	1	144,135	1	133,776	1	123,418	1	113,050	1	102,702	1	92,344	1	82,044	1	71,627	
1 1/4	1 1/4	154,185	1 1/4	143,919	1 1/4	133,561	1 1/4	123,202	1 1/4	112,844	1 1/4	102,486	1 1/4	92,128	1 1/4	81,770	1 1/4	71,411	
1 1/2	1 1/2	153,995	1 1/2	143,703	1 1/2	133,345	1 1/2	122,987	1 1/2	112,628	1 1/2	102,270	1 1/2	91,912	1 1/2	81,554	1 1/2	71,195	
1 3/4	1 3/4	153,804	1 3/4	143,487	1 3/4	133,129	1 3/4	122,771	1 3/4	112,413	1 3/4	102,054	1 3/4	91,696	1 3/4	81,338	1 3/4	70,980	
2	2	153,614	2	143,271	2	132,913	2	122,555	2	112,197	2	101,839	2	91,480	2	81,122	2	70,764	
2 1/4	2 1/4	153,402	2 1/4	143,056	2 1/4	132,697	2 1/4	122,339	2 1/4	111,981	2 1/4	101,623	2 1/4	91,265	2 1/4	80,906	2 1/4	70,548	
2 1/2	2 1/2	153,199	2 1/2	142,840	2 1/2	132,482	2 1/2	122,176	2 1/2	111,765	2 1/2	101,407	2 1/2	91,049	2 1/2	80,691	2 1/2	70,332	
2 3/4	2 3/4	152,977	2 3/4	142,624	2 3/4	132,266	2 3/4	121,908	2 3/4	111,549	2 3/4	101,191	2 3/4	90,833	2 3/4	80,475	2 3/4	70,117	
3	3	152,764	3	142,408	3	132,050	3	121,692	3	111,334	3	100,975	3	90,517	3	80,259	3	69,901	
3 1/4	3 1/4	152,549	3 1/4	142,192	3 1/4	131,834	3 1/4	121,476	3 1/4	111,118	3 1/4	100,760	3 1/4	90,401	3 1/4	80,043	3 1/4	69,685	
3 1/2	3 1/2	152,334	3 1/2	141,977	3 1/2	131,618	3 1/2	121,260	3 1/2	110,902	3 1/2	100,544	3 1/2	90,186	3 1/2	80,186	3 1/2	69,469	
3 3/4	3 3/4	152,118	3 3/4	141,761	3 3/4	131,403	3 3/4	121,044	3 3/4	110,686	3 3/4	100,328	3 3/4	89,970	3 3/4	79,612	3 3/4	69,253	
4	4	151,903	4	141,545	4	131,187	4	120,829	4	110,470	4	100,112	4	89,754	4	79,396	4	69,036	
4 1/4	4 1/4	151,687	4 1/4	141,329	4 1/4	130,971	4 1/4	120,613	4 1/4	110,255	4 1/4	99,896	4 1/4	89,538	4 1/4	79,180	4 1/4	68,822	
4 1/2	4 1/2	151,472	4 1/2	141,113	4 1/2	130,755	4 1/2	120,397	4 1/2	110,039	4 1/2	99,681	4 1/2	89,322	4 1/2	78,964	4 1/2	68,606	
4 3/4	4 3/4	151,256	4 3/4	140,898	4 3/4	130,539	4 3/4	120,181	4 3/4	109,823	4 3/4	99,465	4 3/4	89,107	4 3/4	78,748	4 3/4	68,390	
5	5	151,040	5	140,682	5	130,324	5	119,965	5	109,607	5	99,249	5	88,891	5	78,533	5	68,174	
5 1/4	5 1/4	150,824	5 1/4	140,466	5 1/4	130,108	5 1/4	119,750	5 1/4	109,391	5 1/4	99,033	5 1/4	88,675	5 1/4	78,317	5 1/4	67,959	
5 1/2	5 1/2	150,609	5 1/2	140,250	5 1/2	129,892	5 1/2	119,534	5 1/2	109,176	5 1/2	98,817	5 1/2	88,459	5 1/2	78,101	5 1/2	67,743	
5 3/4	5 3/4	150,393	5 3/4	140,034	5 3/4	129,676	5 3/4	119,318	5 3/4	108,960	5 3/4	98,602	5 3/4	88,243	5 3/4	77,885	5 3/4	67,527	
6	6	150,177	6	139,819	6	129,460	6	119,102	6	108,744	6	98,386	6	88,028	6	77,669	6	67,311	
6 1/4	6 1/4	149,961	6 1/4	139,603	6 1/4	129,245	6 1/4	118,886	6 1/4	108,528	6 1/4	98,170	6 1/4	87,812	6 1/4	77,454	6 1/4	67,095	
6 1/2	6 1/2	149,745	6 1/2	139,387	6 1/2	129,029	6 1/2	118,671	6 1/2	108,312	6 1/2	97,954	6 1/2	87,596	6 1/2	77,238	6 1/2	66,880	
6 3/4	6 3/4	149,530	6 3/4	139,171	6 3/4	128,813	6 3/4	118,455	6 3/4	108,097	6 3/4	97,738	6 3/4	87,380	6 3/4	77,022	6 3/4	66,664	
7	7	149,314	7	138,956	7	128,597	7	118,239	7	107,881	7	97,523	7	87,164	7	76,806	7	66,448	
7 1/4	7 1/4	149,098	7 1/4	138,740	7 1/4	128,381	7 1/4	118,023	7 1/4	107,665	7 1/4	97,307	7 1/4	86,949	7 1/4	76,590	7 1/4	66,232	
7 1/2	7 1/2	148,882	7 1/2	138,524	7 1/2	128,166	7 1/2	117,807	7 1/2	107,449	7 1/2	97,091	7 1/2	86,733	7 1/2	76,375	7 1/2	66,016	
7 3/4	7 3/4	148,666	7 3/4	138,308	7 3/4	127,950	7 3/4	117,592	7 3/4	107,233	7 3/4	96,875	7 3/4	86,517	7 3/4	76,159	7 3/4	65,801	
8	8	148,451	8	138,092	8	127,734	8	117,376	8	107,018	8	96,659	8	86,301	8	75,943	8	65,585	
8 1/4	8 1/4	148,235	8 1/4	137,877	8 1/4	127,518	8 1/4	117,160	8 1/4	106,802	8 1/4	96,444	8 1/4	86,085	8 1/4	75,727	8 1/4	65,369	
8 1/2	8 1/2	148,019	8 1/2	137,661	8 1/2	127,303	8 1/2	116,944	8 1/2	106,586	8 1/2	96,228	8 1/2	85,870	8 1/2	75,511	8 1/2	65,153	
8 3/4	8 3/4	147,803	8 3/4	137,445	8 3/4	127,087	8 3/4	116,728	8 3/4	106,370	8 3/4	96,012	8 3/4	85,654	8 3/4	75,296	8 3/4	64,937	
9	9	147,587	9	137,229	9	126,871	9	116,513	9	106,154	9	95,796	9	85,438	9	75,080	9	64,722	
9 1/4	9 1/4	147,372	9 1/4	137,013	9 1/4	126,655	9 1/4	116,297	9 1/4	105,939	9 1/4	95,580	9 1/4	85,222	9 1/4	74,864	9 1/4	64,506	
9 1/2	9 1/2	147,156	9 1/2	136,798	9 1/2	126,439	9 1/2	116,081	9 1/2	105,723	9 1/2	95,365	9 1/2	85,006	9 1/2	74,648	9 1/2	64,290	
9 3/4	9 3/4	146,940	9 3/4	136,582	9 3/4	126,224	9 3/4	115,865	9 3/4	105,507	9 3/4	95,149	9 3/4	84,791	9 3/4	74,432	9 3/4	64,074	
10	10	146,724	10	136,366	10	126,008	10	115,650	10	105,291	10	94,933	10	84,575	10	74,217	10	63,858	
10 1/4	10 1/4	146,508	10 1/4	136,150	10 1/4	125,792	10 1/4	115,434	10 1/4	105,076	10 1/4	94,717	10 1/4	84,359	10 1/4	74,001	10 1/4	63,643	
10 1/2	10 1/2	146,293	10 1/2	135,934	10 1/2	125,576	10 1/2	115,218	10 1/2	104,860	10 1/2	94,501	10 1/2	84,143	10 1/2	73,785	10 1/2	63,427	
10 3/4	10 3/4	146,077	10 3/4	135,719	10 3/4	125,360	10 3/4	115,002	10 3/4	104,644	10 3/4	94,286	10 3/4	83,927	10 3/4	73,569	10 3/4	63,211	
11	11	145,861	11	135,503	11	125,145	11	114,786	11	104,428	11	94,070	11	83,712	11	73,353	11	62,995	
11 1/4	11 1/4	145,645	11 1/4	135,287	11 1/4	124,929	11 1/4	114,571	11 1/4	104,212	11 1/4	93,854	11 1/4	83,496	11 1/4	73,138	11 1/4	62,779	
11 1/2	11 1/2	145,429	11 1/2	135,071	11 1/2	124,713	11 1/2	114,355	11 1/2	103,997	11 1/2	93,638	11 1/2	83,280	11 1/2	72,922	11 1/2	62,564	
11 3/4	11 3/4	145,214	11 3/4	134,855	11 3/4	124,497	11 3/4	114,139	11 3/4	103,781	11 3/4	93,423	11 3/4	83,064	11 3/4	72,706	11 3/4	62,348	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPMO CHAPTER 2.7.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

PRECISION MEASUREMENT & ANALYSIS, INC.

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

P.O. Box 2092
Pearland, Texas 77588

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-0" FORWARD OF AFT BULKHEAD.

http://www.pmacorp.net



BARGE "IB 1317"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01"

IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	62,132	0	51,774	0	41,416	0	31,058	0	20,736	0	10,378	0	333	0		0				
1/4	61,916	1/4	51,558	1/4	41,200	1/4	30,851	1/4	20,520	1/4	10,163	1/4	268	1/4		1/4				
1/2	61,700	1/2	51,342	1/2	40,984	1/2	30,636	1/2	20,305	1/2	9,947	1/2	204	1/2		1/2				
3/4	61,485	3/4	51,126	3/4	40,768	3/4	30,421	3/4	20,089	3/4	9,731	3/4	139	3/4		3/4				
1	61,269	1	50,911	1	40,552	1	30,207	1	19,873	1	9,515	1	74	1		1				
1/4	61,053	1/4	50,695	1/4	40,337	1/4	29,992	1/4	19,657	1/4	9,299	1/4		1/4		1/4				
1/2	60,837	1/2	50,479	1/2	40,121	1/2	29,777	1/2	19,441	1/2	9,084	1/2		1/2		1/2				
3/4	60,621	3/4	50,263	3/4	39,905	3/4	29,562	3/4	19,226	3/4	8,868	3/4		3/4		3/4				
2	60,406	2	50,047	2	39,689	2	29,347	2	19,010	2	8,652	2		2		2				
1/4	60,190	1/4	49,832	1/4	39,473	1/4	29,133	1/4	18,794	1/4	8,436	1/4		1/4		1/4				
1/2	59,974	1/2	49,616	1/2	39,258	1/2	28,918	1/2	18,578	1/2	8,220	1/2		1/2		1/2				
3/4	59,758	3/4	49,400	3/4	39,042	3/4	28,703	3/4	18,362	3/4	8,005	3/4		3/4		3/4				
3	59,543	3	49,184	3	38,826	3	28,488	3	18,147	3	7,789	3		3		3				
1/4	59,327	1/4	48,968	1/4	38,610	1/4	28,273	1/4	17,931	1/4	7,573	1/4		1/4		1/4				
1/2	59,111	1/2	48,753	1/2	38,394	1/2	28,058	1/2	17,715	1/2	7,357	1/2		1/2		1/2				
3/4	58,895	3/4	48,537	3/4	38,179	3/4	27,844	3/4	17,499	3/4	7,141	3/4		3/4		3/4				
4	58,679	4	48,321	4	37,963	4	27,629	4	17,283	4	6,926	4		4		4				
1/4	58,464	1/4	48,105	1/4	37,747	1/4	27,414	1/4	17,068	1/4	6,710	1/4		1/4		1/4				
1/2	58,248	1/2	47,890	1/2	37,531	1/2	27,199	1/2	16,852	1/2	6,494	1/2		1/2		1/2				
3/4	58,032	3/4	47,674	3/4	37,315	3/4	26,984	3/4	16,636	3/4	6,278	3/4		3/4		3/4				
5	57,816	5	47,458	5	37,100	5	26,769	5	16,420	5	6,063	5		5		5				
1/4	57,600	1/4	47,242	1/4	36,884	1/4	26,555	1/4	16,205	1/4	5,847	1/4		1/4		1/4				
1/2	57,385	1/2	47,026	1/2	36,668	1/2	26,340	1/2	15,989	1/2	5,631	1/2		1/2		1/2				
3/4	57,169	3/4	46,811	3/4	36,452	3/4	26,125	3/4	15,773	3/4	5,415	3/4		3/4		3/4				
6	56,953	6	46,595	6	36,237	6	25,910	6	15,557	6	5,199	6		6		6				
1/4	56,737	1/4	46,379	1/4	36,021	1/4	25,695	1/4	15,341	1/4	4,984	1/4		1/4		1/4				
1/2	56,521	1/2	46,163	1/2	35,805	1/2	25,481	1/2	15,126	1/2	4,768	1/2		1/2		1/2				
3/4	56,306	3/4	45,947	3/4	35,589	3/4	25,266	3/4	14,910	3/4	4,552	3/4		3/4		3/4				
7	56,090	7	45,732	7	35,373	7	25,051	7	14,694	7	4,336	7		7		7				
1/4	55,874	1/4	45,516	1/4	35,158	1/4	24,835	1/4	14,478	1/4	4,120	1/4		1/4		1/4				
1/2	55,658	1/2	45,300	1/2	34,942	1/2	24,620	1/2	14,262	1/2	3,905	1/2		1/2		1/2				
3/4	55,442	3/4	45,084	3/4	34,726	3/4	24,404	3/4	14,047	3/4	3,689	3/4		3/4		3/4				
8	55,227	8	44,868	8	34,510	8	24,189	8	13,831	8	3,473	8		8		8				
1/4	55,011	1/4	44,653	1/4	34,294	1/4	23,973	1/4	13,615	1/4	3,258	1/4		1/4		1/4				
1/2	54,795	1/2	44,437	1/2	34,079	1/2	23,757	1/2	13,399	1/2	3,042	1/2		1/2		1/2				
3/4	54,579	3/4	44,221	3/4	33,863	3/4	23,541	3/4	13,184	3/4	2,826	3/4		3/4		3/4				
9	54,363	9	44,005	9	33,647	9	23,326	9	12,968	9	2,611	9		9		9				
1/4	54,148	1/4	43,789	1/4	33,432	1/4	23,110	1/4	12,752	1/4	2,396	1/4		1/4		1/4				
1/2	53,932	1/2	43,574	1/2	33,216	1/2	22,894	1/2	12,536	1/2	2,181	1/2		1/2		1/2				
3/4	53,716	3/4	43,358	3/4	33,001	3/4	22,678	3/4	12,320	3/4	1,966	3/4		3/4		3/4				
10	53,500	10	43,142	10	32,786	10	22,462	10	12,105	10	1,751	10		10		10				
1/4	53,284	1/4	42,926	1/4	32,571	1/4	22,247	1/4	11,889	1/4	1,544	1/4		1/4		1/4				
1/2	53,069	1/2	42,710	1/2	32,356	1/2	22,031	1/2	11,673	1/2	1,338	1/2		1/2		1/2				
3/4	52,853	3/4	42,495	3/4	32,141	3/4	21,815	3/4	11,457	3/4	1,132	3/4		3/4		3/4				
11	52,637	11	42,279	11	31,925	11	21,599	11	11,241	11	925	11		11		11				
1/4	52,421	1/4	42,063	1/4	31,711	1/4	21,383	1/4	11,026	1/4	911	1/4		1/4		1/4				
1/2	52,205	1/2	41,847	1/2	31,496	1/2	21,168	1/2	10,810	1/2	897	1/2		1/2		1/2				
3/4	51,990	3/4	41,631	3/4	31,281	3/4	20,952	3/4	10,594	3/4	881	3/4		3/4		3/4				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/23/2020 CL
 CALCULATED: 03/24/2020 CL
 PRINTED: 03/24/2020 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 03/20/20

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