



BARGE "IB 1957"

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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2
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:

$$\begin{aligned}
 \text{FWD. DRAFT} &= 2'-00" \\
 \text{AFT DRAFT} &= 4'-00" \\
 \text{DIFF.} &= 2'-00" \quad (\text{DOWN BY STERN})
 \end{aligned}$$

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

June 24, 2015

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

<http://www.pmacorp.net>



BARGE "IB 1957"

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.		
1/4	1/2	3/4	1	1/4	1/2	3/4	1	1/4	1/2	3/4	1	1/4	1/2	3/4	1	1/4	1/2	3/4	1	
0	0	153,238	0	146,498	0	138,731	0	130,965	0	121,559	0	109,556	0	97,561	0	85,567	0	73,572	0	73,572
1/4	1/4	153,186	1/4	146,336	1/4	138,570	1/4	130,803	1/4	121,397	1/4	109,394	1/4	97,399	1/4	85,405	1/4	73,410	1/4	73,410
1/2	1/2	153,135	1/2	146,175	1/2	138,408	1/2	130,641	1/2	121,058	1/2	109,055	1/2	97,060	1/2	85,067	1/2	73,073	1/2	73,073
3/4	3/4	153,083	3/4	146,013	3/4	138,246	3/4	130,479	3/4	120,808	3/4	108,806	3/4	96,811	3/4	84,817	3/4	72,823	3/4	72,823
1	1	153,032	1	145,851	1	138,084	1	130,318	1	120,558	1	108,556	1	96,562	1	84,568	1	72,573	1	72,573
1/4	1/4	152,962	1/4	145,689	1/4	137,922	1/4	130,156	1/4	120,386	1/4	108,384	1/4	96,388	1/4	84,394	1/4	72,400	1/4	72,400
1/2	1/2	152,892	1/2	145,527	1/2	137,761	1/2	129,994	1/2	120,057	1/2	108,056	1/2	96,060	1/2	84,066	1/2	72,073	1/2	72,073
3/4	3/4	152,822	3/4	145,366	3/4	137,599	3/4	129,832	3/4	119,955	3/4	107,807	3/4	95,812	3/4	83,818	3/4	71,823	3/4	71,823
2	2	152,752	2	145,204	2	137,437	2	129,670	2	119,556	2	107,557	2	95,562	2	83,568	2	71,573	2	71,573
1/4	1/4	152,637	1/4	145,042	1/4	137,275	1/4	129,509	1/4	119,306	1/4	107,307	1/4	95,312	1/4	83,318	1/4	71,323	1/4	71,323
1/2	1/2	152,521	1/2	144,880	1/2	137,113	1/2	129,347	1/2	119,053	1/2	107,057	1/2	95,063	1/2	83,068	1/2	71,073	1/2	71,073
3/4	3/4	152,406	3/4	144,718	3/4	136,952	3/4	129,185	3/4	118,805	3/4	106,807	3/4	94,813	3/4	82,818	3/4	70,824	3/4	70,824
3	3	152,290	3	144,556	3	136,790	3	129,023	3	118,555	3	106,557	3	94,563	3	82,568	3	70,574	3	70,574
1/4	1/4	152,136	1/4	144,395	1/4	136,628	1/4	128,861	1/4	118,304	1/4	106,307	1/4	94,314	1/4	82,319	1/4	70,324	1/4	70,324
1/2	1/2	151,981	1/2	144,233	1/2	136,466	1/2	128,699	1/2	118,054	1/2	106,057	1/2	94,063	1/2	82,069	1/2	70,074	1/2	70,074
3/4	3/4	151,827	3/4	144,071	3/4	136,304	3/4	128,538	3/4	117,803	3/4	105,808	3/4	93,814	3/4	81,819	3/4	69,824	3/4	69,824
5	5	151,028	5	143,262	5	135,495	5	127,729	5	116,553	5	104,558	5	92,564	5	80,569	5	68,575	5	68,575
1/4	1/4	150,867	1/4	143,100	1/4	135,334	1/4	127,567	1/4	116,303	1/4	104,308	1/4	92,314	1/4	80,319	1/4	68,325	1/4	68,325
1/2	1/2	150,705	1/2	142,938	1/2	135,172	1/2	127,405	1/2	116,053	1/2	104,058	1/2	92,064	1/2	80,070	1/2	68,076	1/2	68,076
3/4	3/4	150,543	3/4	142,777	3/4	135,010	3/4	127,243	3/4	115,803	3/4	103,808	3/4	91,814	3/4	79,820	3/4	67,826	3/4	67,826
6	6	150,381	6	142,615	6	134,848	6	127,081	6	115,553	6	103,558	6	91,565	6	79,570	6	67,577	6	67,577
1/4	1/4	150,220	1/4	142,453	1/4	134,686	1/4	126,920	1/4	115,303	1/4	103,309	1/4	91,315	1/4	79,320	1/4	67,327	1/4	67,327
1/2	1/2	150,058	1/2	142,291	1/2	134,525	1/2	126,758	1/2	115,053	1/2	103,059	1/2	91,065	1/2	79,070	1/2	67,078	1/2	67,078
3/4	3/4	149,896	3/4	142,129	3/4	134,363	3/4	126,596	3/4	114,804	3/4	102,809	3/4	90,815	3/4	78,820	3/4	66,829	3/4	66,829
7	7	149,734	7	141,968	7	134,201	7	126,434	7	114,554	7	102,559	7	90,565	7	78,570	7	66,579	7	66,579
1/4	1/4	149,572	1/4	141,806	1/4	134,039	1/4	126,271	1/4	114,304	1/4	102,309	1/4	90,315	1/4	78,320	1/4	66,330	1/4	66,330
1/2	1/2	149,411	1/2	141,644	1/2	133,877	1/2	126,100	1/2	114,054	1/2	102,059	1/2	90,065	1/2	78,070	1/2	66,081	1/2	66,081
3/4	3/4	149,249	3/4	141,482	3/4	133,715	3/4	125,933	3/4	113,804	3/4	101,809	3/4	89,815	3/4	77,821	3/4	65,831	3/4	65,831
8	8	149,087	8	141,320	8	133,554	8	125,766	8	113,554	8	101,559	8	89,565	8	77,571	8	65,582	8	65,582
1/4	1/4	148,925	1/4	141,159	1/4	133,392	1/4	125,605	1/4	113,304	1/4	101,309	1/4	89,316	1/4	77,321	1/4	65,333	1/4	65,333
1/2	1/2	148,763	1/2	140,997	1/2	133,230	1/2	125,443	1/2	113,054	1/2	101,060	1/2	89,066	1/2	77,071	1/2	65,084	1/2	65,084
3/4	3/4	148,602	3/4	140,835	3/4	133,068	3/4	125,281	3/4	112,804	3/4	100,810	3/4	88,816	3/4	76,821	3/4	64,834	3/4	64,834
9	9	148,440	9	140,673	9	132,906	9	125,124	9	112,555	9	100,560	9	88,566	9	76,571	9	64,585	9	64,585
1/4	1/4	148,278	1/4	140,511	1/4	132,745	1/4	124,964	1/4	112,305	1/4	100,310	1/4	88,316	1/4	76,321	1/4	64,336	1/4	64,336
1/2	1/2	148,116	1/2	140,350	1/2	132,583	1/2	124,803	1/2	112,055	1/2	100,060	1/2	88,066	1/2	76,071	1/2	64,086	1/2	64,086
3/4	3/4	147,954	3/4	140,188	3/4	132,421	3/4	124,641	3/4	111,805	3/4	99,810	3/4	87,816	3/4	75,821	3/4	63,837	3/4	63,837
10	10	147,793	10	140,026	10	132,259	10	123,562	10	111,555	10	99,560	10	87,566	10	75,572	10	63,588	10	63,588
1/4	1/4	147,631	1/4	139,864	1/4	132,097	1/4	123,401	1/4	111,305	1/4	99,310	1/4	87,316	1/4	75,322	1/4	63,339	1/4	63,339
1/2	1/2	147,469	1/2	139,702	1/2	131,936	1/2	123,244	1/2	111,055	1/2	99,060	1/2	87,067	1/2	75,072	1/2	63,089	1/2	63,089
3/4	3/4	147,307	3/4	139,540	3/4	131,774	3/4	123,081	3/4	110,805	3/4	98,811	3/4	86,817	3/4	74,822	3/4	62,840	3/4	62,840
11	11	147,145	11	139,379	11	131,612	11	122,924	11	110,555	11	98,561	11	86,567	11	74,572	11	62,591	11	62,591
1/4	1/4	146,984	1/4	139,217	1/4	131,450	1/4	122,767	1/4	110,305	1/4	98,311	1/4	86,317	1/4	74,322	1/4	62,341	1/4	62,341
1/2	1/2	146,822	1/2	139,055	1/2	131,288	1/2	122,609	1/2	110,055	1/2	98,061	1/2	86,067	1/2	74,072	1/2	62,092	1/2	62,092
3/4	3/4	146,660	3/4	138,893	3/4	131,127	3/4	122,450	3/4	109,806	3/4	97,811	3/4	85,817	3/4	73,822	3/4	61,843	3/4	61,843

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "IB 1957"

1 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	61,594	0	37,639	0	13,899	0	0	0	0	0
1/4	61,344	1/4	37,396	1/4	13,649	1/4	1/4	1/4	1/4	1/4
1/2	61,095	1/2	37,153	1/2	13,399	1/2	1/2	1/2	1/2	1/2
3/4	60,846	3/4	36,909	3/4	13,149	3/4	3/4	3/4	3/4	3/4
1	60,596	1	36,666	1	12,899	1	1	1	1	1
1/4	60,347	1/4	36,423	1/4	12,649	1/4	1/4	1/4	1/4	1/4
1/2	60,098	1/2	36,180	1/2	12,399	1/2	1/2	1/2	1/2	1/2
3/4	59,849	3/4	35,936	3/4	12,149	3/4	3/4	3/4	3/4	3/4
2	59,599	2	35,693	2	11,900	2	2	2	2	2
1/4	59,350	1/4	35,450	1/4	11,650	1/4	1/4	1/4	1/4	1/4
1/2	59,101	1/2	35,207	1/2	11,400	1/2	1/2	1/2	1/2	1/2
3/4	58,851	3/4	34,963	3/4	11,150	3/4	3/4	3/4	3/4	3/4
3	58,602	3	34,720	3	10,900	3	3	3	3	3
1/4	58,352	1/4	34,477	1/4	10,650	1/4	1/4	1/4	1/4	1/4
1/2	58,103	1/2	34,234	1/2	10,400	1/2	1/2	1/2	1/2	1/2
3/4	57,853	3/4	33,990	3/4	10,150	3/4	3/4	3/4	3/4	3/4
4	57,604	4	33,747	4	9,900	4	4	4	4	4
1/4	57,354	1/4	33,504	1/4	9,650	1/4	1/4	1/4	1/4	1/4
1/2	57,104	1/2	33,261	1/2	9,400	1/2	1/2	1/2	1/2	1/2
3/4	56,854	3/4	33,018	3/4	9,150	3/4	3/4	3/4	3/4	3/4
5	56,605	5	32,774	5	8,900	5	5	5	5	5
1/4	56,355	1/4	32,531	1/4	8,650	1/4	1/4	1/4	1/4	1/4
1/2	56,105	1/2	32,288	1/2	8,400	1/2	1/2	1/2	1/2	1/2
3/4	55,855	3/4	32,045	3/4	8,149	3/4	3/4	3/4	3/4	3/4
6	55,606	6	31,801	6	7,899	6	6	6	6	6
1/4	55,356	1/4	31,558	1/4	7,649	1/4	1/4	1/4	1/4	1/4
1/2	55,106	1/2	31,315	1/2	7,399	1/2	1/2	1/2	1/2	1/2
3/4	54,856	3/4	31,072	3/4	7,149	3/4	3/4	3/4	3/4	3/4
7	54,607	7	30,829	7	6,899	7	7	7	7	7
1/4	54,357	1/4	30,585	1/4	6,649	1/4	1/4	1/4	1/4	1/4
1/2	54,107	1/2	30,342	1/2	6,399	1/2	1/2	1/2	1/2	1/2
3/4	53,857	3/4	30,099	3/4	6,149	3/4	3/4	3/4	3/4	3/4
8	53,608	8	29,856	8	5,899	8	8	8	8	8
1/4	53,358	1/4	29,612	1/4	5,648	1/4	1/4	1/4	1/4	1/4
1/2	53,108	1/2	29,369	1/2	5,398	1/2	1/2	1/2	1/2	1/2
3/4	52,858	3/4	29,126	3/4	5,148	3/4	3/4	3/4	3/4	3/4
9	52,608	9	28,883	9	4,897	9	9	9	9	9
1/4	52,359	1/4	28,639	1/4	4,647	1/4	1/4	1/4	1/4	1/4
1/2	52,109	1/2	28,396	1/2	4,397	1/2	1/2	1/2	1/2	1/2
3/4	51,859	3/4	28,153	3/4	4,146	3/4	3/4	3/4	3/4	3/4
10	51,609	10	27,893	10	3,896	10	10	10	10	10
1/4	51,360	1/4	27,643	1/4	3,646	1/4	1/4	1/4	1/4	1/4
1/2	51,110	1/2	27,393	1/2	3,396	1/2	1/2	1/2	1/2	1/2
3/4	50,860	3/4	27,143	3/4	3,146	3/4	3/4	3/4	3/4	3/4
11	50,610	11	26,894	11	2,896	11	11	11	11	11
1/4	50,361	1/4	26,644	1/4	2,647	1/4	1/4	1/4	1/4	1/4
1/2	50,111	1/2	26,394	1/2	2,398	1/2	1/2	1/2	1/2	1/2
3/4	49,861	3/4	26,144	3/4	2,149	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/23/2015 CL
 CALCULATED: 06/23/2015 CL
 PRINTED: 06/24/2015 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
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BARGE "IB 1957"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.					
0	0	161,440	150,978	0	127,913	0	116,380	0	104,847	0	93,314	0	81,781	0	70,248
1/4	1/4	161,390	150,738	1/4	127,872	1/4	116,140	1/4	104,607	1/4	93,074	1/4	81,541	1/4	70,008
1/2	1/2	161,341	150,498	1/2	127,832	1/2	115,899	1/2	104,367	1/2	92,834	1/2	81,301	1/2	69,768
3/4	3/4	161,221	150,257	3/4	127,792	3/4	115,659	3/4	104,126	3/4	92,593	3/4	81,061	3/4	69,528
1	1	161,101	150,017	1	127,752	1	115,419	1	103,886	1	92,353	1	80,820	1	69,288
1/4	1/4	160,980	149,777	1/4	126,711	1/4	115,179	1/4	103,646	1/4	92,113	1/4	80,580	1/4	69,047
1/2	1/2	160,860	149,537	1/2	126,471	1/2	114,938	1/2	103,405	1/2	91,873	1/2	80,340	1/2	68,807
3/4	3/4	160,564	149,296	3/4	126,231	3/4	114,698	3/4	103,165	3/4	91,632	3/4	80,100	3/4	68,567
2	2	160,468	149,056	2	125,991	2	114,458	2	102,925	2	91,392	2	79,859	2	68,327
1/4	1/4	160,272	148,816	1/4	125,751	1/4	114,217	1/4	102,685	1/4	91,152	1/4	79,619	1/4	68,086
1/2	1/2	160,076	148,576	1/2	125,510	1/2	113,977	1/2	102,444	1/2	90,912	1/2	79,379	1/2	67,846
3/4	3/4	159,843	148,335	3/4	125,270	3/4	113,737	3/4	102,204	3/4	90,671	3/4	79,139	3/4	67,606
3	3	159,610	148,095	3	125,029	3	113,497	3	101,964	3	90,431	3	78,898	3	67,365
1/4	1/4	159,377	147,855	1/4	124,789	1/4	113,256	1/4	101,724	1/4	90,191	1/4	78,658	1/4	67,125
1/2	1/2	159,144	147,615	1/2	124,549	1/2	113,016	1/2	101,483	1/2	89,951	1/2	78,418	1/2	66,885
3/4	3/4	158,904	147,374	3/4	124,309	3/4	112,776	3/4	101,243	3/4	89,710	3/4	78,177	3/4	66,645
4	4	158,665	147,134	4	124,068	4	112,536	4	101,003	4	89,470	4	77,937	4	66,404
1/4	1/4	158,425	146,894	1/4	123,828	1/4	112,295	1/4	100,763	1/4	89,230	1/4	77,697	1/4	66,164
1/2	1/2	158,186	146,653	1/2	123,588	1/2	112,055	1/2	100,522	1/2	88,989	1/2	77,457	1/2	65,924
3/4	3/4	157,946	146,413	3/4	123,348	3/4	111,815	3/4	100,282	3/4	88,749	3/4	77,216	3/4	65,684
5	5	157,705	146,173	5	123,107	5	111,575	5	100,042	5	88,509	5	76,976	5	65,443
1/4	1/4	157,465	145,933	1/4	122,867	1/4	111,334	1/4	99,801	1/4	88,269	1/4	76,736	1/4	65,203
1/2	1/2	157,225	145,692	1/2	122,627	1/2	111,094	1/2	99,561	1/2	88,028	1/2	76,496	1/2	64,963
3/4	3/4	156,985	145,452	3/4	122,387	3/4	110,854	3/4	99,321	3/4	87,788	3/4	76,255	3/4	64,723
6	6	156,745	145,212	6	122,146	6	110,613	6	99,081	6	87,548	6	76,015	6	64,482
1/4	1/4	156,504	144,972	1/4	121,906	1/4	110,373	1/4	98,840	1/4	87,308	1/4	75,775	1/4	64,242
1/2	1/2	156,264	144,731	1/2	121,666	1/2	110,133	1/2	98,600	1/2	87,067	1/2	75,535	1/2	64,002
3/4	3/4	156,024	144,491	3/4	121,425	3/4	109,893	3/4	98,360	3/4	86,827	3/4	75,294	3/4	63,761
7	7	155,784	144,251	7	121,185	7	109,652	7	98,120	7	86,587	7	75,054	7	63,521
1/4	1/4	155,543	144,011	1/4	120,945	1/4	109,412	1/4	97,879	1/4	86,347	1/4	74,814	1/4	63,281
1/2	1/2	155,303	143,770	1/2	120,705	1/2	109,172	1/2	97,639	1/2	86,106	1/2	74,573	1/2	63,041
3/4	3/4	155,063	143,530	3/4	120,464	3/4	108,932	3/4	97,399	3/4	85,866	3/4	74,333	3/4	62,800
8	8	154,823	143,290	8	120,224	8	108,691	8	97,159	8	85,626	8	74,093	8	62,560
1/4	1/4	154,582	143,049	1/4	119,984	1/4	108,451	1/4	96,918	1/4	85,385	1/4	73,853	1/4	62,320
1/2	1/2	154,342	142,809	1/2	119,744	1/2	108,211	1/2	96,678	1/2	85,145	1/2	73,612	1/2	62,080
3/4	3/4	154,102	142,569	3/4	119,503	3/4	107,971	3/4	96,438	3/4	84,905	3/4	73,372	3/4	61,839
9	9	153,861	142,329	9	119,263	9	107,730	9	96,197	9	84,665	9	73,132	9	61,599
1/4	1/4	153,621	142,088	1/4	119,023	1/4	107,490	1/4	95,957	1/4	84,424	1/4	72,892	1/4	61,359
1/2	1/2	153,381	141,848	1/2	118,783	1/2	107,250	1/2	95,717	1/2	84,184	1/2	72,651	1/2	61,119
3/4	3/4	153,141	141,608	3/4	118,542	3/4	107,009	3/4	95,477	3/4	83,944	3/4	72,411	3/4	60,878
10	10	152,900	141,368	10	118,302	10	106,769	10	95,236	10	83,704	10	72,171	10	60,638
1/4	1/4	152,660	141,127	1/4	118,062	1/4	106,529	1/4	94,996	1/4	83,463	1/4	71,931	1/4	60,398
1/2	1/2	152,420	140,887	1/2	117,821	1/2	106,289	1/2	94,756	1/2	83,223	1/2	71,690	1/2	60,157
3/4	3/4	152,180	140,647	3/4	117,581	3/4	106,048	3/4	94,516	3/4	82,983	3/4	71,450	3/4	59,917
11	11	151,939	140,407	11	117,341	11	105,808	11	94,275	11	82,743	11	71,210	11	59,677
1/4	1/4	151,699	140,166	1/4	117,101	1/4	105,568	1/4	94,035	1/4	82,502	1/4	70,969	1/4	59,437
1/2	1/2	151,459	139,926	1/2	116,860	1/2	105,328	1/2	93,795	1/2	82,262	1/2	70,729	1/2	59,196
3/4	3/4	151,219	139,686	3/4	116,620	3/4	105,087	3/4	93,555	3/4	82,022	3/4	70,489	3/4	58,956

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "IB 1957"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	58,716	47,183	35,682	24,401	12,868	1,396	0	0	0	0
1/4	58,476	46,943	35,443	24,161	12,628	1,182	1/4	1/4	1/4	1/4
1/2	58,235	46,703	35,215	23,920	12,388	987	1/2	1/2	1/2	1/2
3/4	57,995	46,462	34,982	23,680	12,148	817	3/4	3/4	3/4	3/4
1	57,755	46,222	34,749	23,440	11,907	667	1	1	1	1
1/4	57,515	45,982	34,516	23,200	11,667	517	1/4	1/4	1/4	1/4
1/2	57,274	45,741	34,283	22,959	11,427	367	1/2	1/2	1/2	1/2
3/4	57,034	45,501	34,049	22,719	11,187	217	3/4	3/4	3/4	3/4
2	56,794	45,261	33,816	22,479	10,946	227	2	2	2	2
1/4	56,553	45,021	33,583	22,239	10,706	156	1/4	1/4	1/4	1/4
1/2	56,313	44,780	33,350	21,998	10,466	86	1/2	1/2	1/2	1/2
3/4	56,073	44,540	33,117	21,758	10,226	—	3/4	3/4	3/4	3/4
3	55,833	44,300	32,884	21,518	9,985	—	3	3	3	3
1/4	55,592	44,060	32,650	21,278	9,745	—	1/4	1/4	1/4	1/4
1/2	55,352	43,819	32,417	21,037	9,505	—	1/2	1/2	1/2	1/2
3/4	55,112	43,579	32,184	20,797	9,265	—	3/4	3/4	3/4	3/4
4	54,872	43,339	31,951	20,557	9,024	—	4	4	4	4
1/4	54,631	43,099	31,718	20,316	8,784	—	1/4	1/4	1/4	1/4
1/2	54,391	42,858	31,485	20,076	8,544	—	1/2	1/2	1/2	1/2
3/4	54,151	42,618	31,251	19,836	8,304	—	3/4	3/4	3/4	3/4
5	53,911	42,378	31,018	19,596	8,063	—	5	5	5	5
1/4	53,670	42,137	30,785	19,355	7,823	—	1/4	1/4	1/4	1/4
1/2	53,430	41,897	30,552	19,115	7,583	—	1/2	1/2	1/2	1/2
3/4	53,190	41,657	30,319	18,875	7,343	—	3/4	3/4	3/4	3/4
6	52,949	41,417	30,086	18,635	7,102	—	6	6	6	6
1/4	52,709	41,176	29,852	18,394	6,862	—	1/4	1/4	1/4	1/4
1/2	52,469	40,936	29,619	18,154	6,622	—	1/2	1/2	1/2	1/2
3/4	52,229	40,696	29,386	17,914	6,382	—	3/4	3/4	3/4	3/4
7	51,988	40,456	29,153	17,674	6,141	—	7	7	7	7
1/4	51,748	40,215	28,920	17,433	5,901	—	1/4	1/4	1/4	1/4
1/2	51,508	39,975	28,687	17,193	5,661	—	1/2	1/2	1/2	1/2
3/4	51,268	39,735	28,453	16,953	5,421	—	3/4	3/4	3/4	3/4
8	51,027	39,495	28,220	16,713	5,180	—	8	8	8	8
1/4	50,787	39,254	27,987	16,472	4,940	—	1/4	1/4	1/4	1/4
1/2	50,547	39,014	27,754	16,232	4,700	—	1/2	1/2	1/2	1/2
3/4	50,307	38,774	27,521	15,992	4,460	—	3/4	3/4	3/4	3/4
9	50,066	38,533	27,279	15,752	4,219	—	9	9	9	9
1/4	49,826	38,293	27,041	15,511	3,979	—	1/4	1/4	1/4	1/4
1/2	49,586	38,053	26,803	15,271	3,739	—	1/2	1/2	1/2	1/2
3/4	49,345	37,813	26,563	15,031	3,499	—	3/4	3/4	3/4	3/4
10	49,105	37,572	26,323	14,791	3,259	—	10	10	10	10
1/4	48,865	37,332	26,083	14,550	3,020	—	1/4	1/4	1/4	1/4
1/2	48,625	37,092	25,842	14,310	2,780	—	1/2	1/2	1/2	1/2
3/4	48,384	36,856	25,602	14,070	2,541	—	3/4	3/4	3/4	3/4
11	48,144	36,620	25,362	13,830	2,302	—	11	11	11	11
1/4	47,904	36,384	25,122	13,589	2,063	—	1/4	1/4	1/4	1/4
1/2	47,664	36,148	24,881	13,349	1,825	—	1/2	1/2	1/2	1/2
3/4	47,423	35,915	24,641	13,109	1,610	—	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/23/2015 CL
CALCULATED: 06/23/2015 CL
PRINTED: 06/24/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2082
Pearland, Texas 77588
<http://www.pmacord.net>



BARGE "IB 1957"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	160,449	0	136,626	0	115,739	0	104,296	0	92,853
1/4	1/4	160,400	149,831	138,387	126,944	115,501	104,058	92,615	81,171	69,728
1/2	1/2	160,351	149,592	138,149	126,706	115,263	103,819	92,376	80,933	69,490
3/4	3/4	160,232	149,354	137,911	126,467	115,024	103,581	92,138	80,695	69,251
1	1	160,113	149,117	137,672	126,229	114,786	103,343	91,899	80,456	69,013
1/4	1/4	159,993	148,877	137,434	125,991	114,547	103,104	91,661	80,218	68,775
1/2	1/2	159,874	148,639	137,195	125,752	114,309	102,866	91,423	79,979	68,536
3/4	3/4	159,680	148,400	136,957	125,514	114,071	102,627	91,184	79,741	68,298
2	2	159,485	148,162	136,719	125,275	113,832	102,389	90,946	79,503	68,059
1/4	1/4	159,291	147,923	136,480	125,037	113,594	102,151	90,707	79,264	67,821
1/2	1/2	159,096	147,685	136,242	124,799	113,355	101,912	90,469	79,026	67,583
3/4	3/4	158,865	147,447	136,003	124,560	113,117	101,674	90,231	78,787	67,344
3	3	158,634	147,208	135,765	124,322	112,879	101,435	89,992	78,549	67,106
1/4	1/4	158,403	146,970	135,527	124,083	112,640	101,197	89,754	78,311	66,867
1/2	1/2	158,171	146,731	135,288	123,845	112,402	100,959	89,515	78,072	66,629
3/4	3/4	157,934	146,493	135,050	123,607	112,163	100,720	89,277	77,834	66,391
4	4	157,696	146,255	134,811	123,368	111,925	100,482	89,039	77,595	66,152
1/4	1/4	157,458	146,016	134,573	123,130	111,687	100,243	88,800	77,357	65,914
1/2	1/2	157,220	145,778	134,335	122,891	111,448	100,005	88,562	77,119	65,675
3/4	3/4	156,982	145,539	134,096	122,653	111,210	99,767	88,323	76,880	65,437
5	5	156,744	145,301	133,858	122,415	110,971	99,528	88,085	76,642	65,199
1/4	1/4	156,506	145,063	133,619	122,176	110,733	99,290	87,847	76,403	64,960
1/2	1/2	156,267	144,824	133,381	121,938	110,495	99,051	87,608	76,165	64,722
3/4	3/4	156,029	144,586	133,143	121,699	110,256	98,813	87,370	75,927	64,483
6	6	155,791	144,347	132,904	121,461	110,017	98,575	87,131	75,688	64,245
1/4	1/4	155,552	144,109	132,666	121,223	109,779	98,336	86,893	75,450	64,007
1/2	1/2	155,314	143,871	132,427	120,984	109,541	98,098	86,655	75,211	63,768
3/4	3/4	155,075	143,632	132,189	120,746	109,303	97,859	86,416	74,973	63,530
7	7	154,837	143,394	131,951	120,507	109,064	97,621	86,178	74,735	63,291
1/4	1/4	154,599	143,155	131,712	120,269	108,826	97,383	85,939	74,496	63,053
1/2	1/2	154,360	142,917	131,474	120,031	108,587	97,144	85,701	74,258	62,814
3/4	3/4	154,122	142,679	131,235	119,792	108,349	96,906	85,463	74,019	62,576
8	8	153,883	142,440	130,997	119,554	108,111	96,667	85,224	73,781	62,338
1/4	1/4	153,645	142,202	130,759	119,315	107,872	96,429	84,986	73,543	62,099
1/2	1/2	153,407	141,963	130,520	119,077	107,634	96,191	84,747	73,304	61,861
3/4	3/4	153,168	141,725	130,282	118,839	107,395	95,952	84,509	73,066	61,622
9	9	152,930	141,487	130,043	118,600	107,157	95,714	84,271	72,827	61,384
1/4	1/4	152,691	141,248	129,805	118,362	106,919	95,475	84,032	72,589	61,146
1/2	1/2	152,453	141,010	129,567	118,123	106,680	95,237	83,794	72,351	60,907
3/4	3/4	152,215	140,771	129,328	117,885	106,442	94,999	83,555	72,112	60,669
10	10	151,976	140,533	129,090	117,647	106,203	94,760	83,317	71,874	60,430
1/4	1/4	151,738	140,295	128,851	117,408	105,965	94,522	83,079	71,635	60,192
1/2	1/2	151,499	140,056	128,613	117,170	105,727	94,283	82,840	71,397	59,954
3/4	3/4	151,261	139,818	128,375	116,931	105,488	94,045	82,602	71,159	59,715
11	11	151,023	139,579	128,136	116,693	105,250	93,807	82,363	70,920	59,477
1/4	1/4	150,784	139,341	127,898	116,455	105,011	93,568	82,125	70,682	59,238
1/2	1/2	150,546	139,103	127,659	116,216	104,773	93,330	81,887	70,443	59,000
3/4	3/4	150,307	138,864	127,421	115,978	104,535	93,091	81,648	70,205	58,762

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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
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GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD

BARGE "IB 1957"

3 CENTER ULLAGE TABLE



GAUGE HEIGHT 15'-02 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	47,080	35,639	0	24,212	0	1,385	0	0	0	0
1/4	58,283	46,842	35,401	23,973	12,530	1,173	1/4	1/4	1/4	1/4
1/2	58,046	46,603	35,163	23,735	12,292	960	1/2	1/2	1/2	1/2
3/4	57,808	46,365	34,925	23,496	12,054	811	3/4	3/4	3/4	3/4
1	57,570	46,126	34,687	23,258	11,815	662	1	1	1	1
1/4	57,331	45,888	34,449	23,020	11,577	513	1/4	1/4	1/4	1/4
1/2	57,093	45,650	34,211	22,781	11,338	364	1/2	1/2	1/2	1/2
3/4	56,854	45,411	33,973	22,543	11,100	295	3/4	3/4	3/4	3/4
2	56,616	45,173	33,735	22,304	10,862	225	2	2	2	2
1/4	56,378	44,934	33,497	22,066	10,623	155	1/4	1/4	1/4	1/4
1/2	56,139	44,696	33,259	21,828	10,385	86	1/2	1/2	1/2	1/2
3/4	55,901	44,458	33,021	21,589	10,146	—	3/4	3/4	3/4	3/4
3	55,662	44,219	32,783	21,351	9,908	3	3	3	3	3
1/4	55,424	43,981	32,545	21,112	9,670	1/4	1/4	1/4	1/4	1/4
1/2	55,186	43,742	32,307	20,874	9,431	1/2	1/2	1/2	1/2	1/2
3/4	54,947	43,504	32,069	20,636	9,193	3/4	3/4	3/4	3/4	3/4
4	54,709	43,266	31,831	20,397	8,954	4	4	4	4	4
1/4	54,470	43,027	31,593	20,159	8,716	1/4	1/4	1/4	1/4	1/4
1/2	54,232	42,789	31,355	19,920	8,478	1/2	1/2	1/2	1/2	1/2
3/4	53,994	42,550	31,117	19,682	8,239	3/4	3/4	3/4	3/4	3/4
5	53,755	42,312	30,880	19,444	8,001	5	5	5	5	5
1/4	53,517	42,074	30,642	19,205	7,763	1/4	1/4	1/4	1/4	1/4
1/2	53,278	41,836	30,404	18,967	7,524	1/2	1/2	1/2	1/2	1/2
3/4	53,040	41,597	30,166	18,729	7,286	3/4	3/4	3/4	3/4	3/4
6	52,802	41,358	29,928	18,490	7,047	6	6	6	6	6
1/4	52,563	41,120	29,690	18,252	6,809	1/4	1/4	1/4	1/4	1/4
1/2	52,325	40,882	29,452	18,013	6,571	1/2	1/2	1/2	1/2	1/2
3/4	52,086	40,643	29,214	17,775	6,332	3/4	3/4	3/4	3/4	3/4
7	51,848	40,405	28,976	17,537	6,094	7	7	7	7	7
1/4	51,610	40,166	28,738	17,298	5,856	1/4	1/4	1/4	1/4	1/4
1/2	51,371	39,928	28,500	17,060	5,617	1/2	1/2	1/2	1/2	1/2
3/4	51,133	39,690	28,262	16,821	5,379	3/4	3/4	3/4	3/4	3/4
8	50,894	39,451	28,024	16,583	5,140	8	8	8	8	8
1/4	50,656	39,213	27,786	16,345	4,902	1/4	1/4	1/4	1/4	1/4
1/2	50,418	38,974	27,548	16,106	4,664	1/2	1/2	1/2	1/2	1/2
3/4	50,179	38,736	27,310	15,868	4,425	3/4	3/4	3/4	3/4	3/4
9	49,941	38,498	27,072	15,629	4,187	9	9	9	9	9
1/4	49,702	38,259	26,834	15,391	3,949	1/4	1/4	1/4	1/4	1/4
1/2	49,464	38,021	26,595	15,153	3,710	1/2	1/2	1/2	1/2	1/2
3/4	49,226	37,782	26,357	14,914	3,472	3/4	3/4	3/4	3/4	3/4
10	48,987	37,544	26,119	14,676	3,234	10	10	10	10	10
1/4	48,749	37,306	25,880	14,437	2,996	1/4	1/4	1/4	1/4	1/4
1/2	48,510	37,067	25,642	14,199	2,758	1/2	1/2	1/2	1/2	1/2
3/4	48,272	36,829	25,403	13,961	2,521	3/4	3/4	3/4	3/4	3/4
11	48,034	36,591	25,165	13,722	2,285	11	11	11	11	11
1/4	47,795	36,353	24,927	13,484	2,048	1/4	1/4	1/4	1/4	1/4
1/2	47,557	36,115	24,688	13,246	1,811	1/2	1/2	1/2	1/2	1/2
3/4	47,318	35,877	24,450	13,007	1,598	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/23/2015 CL
CALCULATED: 06/23/2015 CL
PRINTED: 06/24/2015 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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