

640025



### BARGE "IB 1318" INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
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 - 00-3/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

March 31, 2020

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77586

<http://www.pmacorp.net>



# BARGE "IB 1318"

## 1 CENTER INNAGE 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	231	0	11,121	0	23,081	0	34,787	0	46,577	0	58,494	0	70,411	0	82,290	0	94,211	0	106,133
1/4	305	1/4	11,370	1/4	23,309	1/4	35,026	1/4	46,825	1/4	58,742	1/4	70,659	1/4	82,538	1/4	94,460	1/4	106,382
1/2	380	1/2	11,619	1/2	23,557	1/2	35,266	1/2	47,073	1/2	58,990	1/2	70,907	1/2	82,786	1/2	94,708	1/2	106,630
3/4	455	3/4	11,868	3/4	23,806	3/4	35,506	3/4	47,321	3/4	59,238	3/4	71,156	3/4	83,035	3/4	94,957	3/4	106,878
1	529	1	12,117	1	24,054	1	35,746	1	47,570	1	59,487	1	71,404	1	83,283	1	95,205	1	107,127
1 1/4	700	1 1/4	12,366	1 1/4	24,303	1 1/4	35,986	1 1/4	47,818	1 1/4	59,735	1 1/4	71,652	1 1/4	83,532	1 1/4	95,453	1 1/4	107,375
1 1/2	871	1 1/2	12,615	1 1/2	24,551	1 1/2	36,225	1 1/2	48,066	1 1/2	59,983	1 1/2	71,900	1 1/2	83,780	1 1/2	95,702	1 1/2	107,624
2	1,042	2	12,864	2	24,800	2	36,465	2	48,314	2	60,232	2	72,148	2	84,028	2	95,950	2	107,872
2 1/4	1,212	2 1/4	13,113	2 1/4	25,048	2 1/4	36,705	2 1/4	48,563	2 1/4	60,480	2 1/4	72,396	2 1/4	84,277	2 1/4	96,198	2 1/4	108,120
1 3/4	1,450	1 3/4	13,362	1 3/4	25,296	1 3/4	36,945	1 3/4	48,811	1 3/4	60,728	1 3/4	72,643	1 3/4	84,525	1 3/4	96,447	1 3/4	108,369
1 1/2	1,889	1 1/2	13,611	1 1/2	25,545	1 1/2	37,185	1 1/2	49,059	1 1/2	60,976	1 1/2	72,891	1 1/2	84,773	1 1/2	96,695	1 1/2	108,617
3/4	1,927	3/4	13,860	3/4	25,793	3/4	37,424	3/4	49,308	3/4	61,225	3/4	73,138	3/4	85,022	3/4	96,944	3/4	108,865
3	2,165	3	14,108	3	26,042	3	37,664	3	49,556	3	61,473	3	73,385	3	85,270	3	97,192	3	109,114
1 1/2	2,413	1 1/2	14,357	1 1/2	26,290	1 1/2	37,906	1 1/2	49,804	1 1/2	61,721	1 1/2	73,633	1 1/2	85,518	1 1/2	97,440	1 1/2	109,362
1 1/2	2,881	1 1/2	14,606	1 1/2	26,539	1 1/2	38,148	1 1/2	50,052	1 1/2	61,969	1 1/2	73,880	1 1/2	85,767	1 1/2	97,689	1 1/2	109,611
3/4	2,909	3/4	14,855	3/4	26,787	3/4	38,390	3/4	50,301	3/4	62,218	3/4	74,127	3/4	86,015	3/4	97,937	3/4	109,859
4	3,157	4	15,104	4	27,036	4	38,632	4	50,549	4	62,466	4	74,374	4	86,264	4	98,185	4	110,107
1 1/4	3,405	1 1/4	15,353	1 1/4	27,284	1 1/4	38,880	1 1/4	50,797	1 1/4	62,714	1 1/4	74,622	1 1/4	86,512	1 1/4	98,434	1 1/4	110,356
1 1/2	3,654	1 1/2	15,602	1 1/2	27,532	1 1/2	39,128	1 1/2	51,045	1 1/2	62,962	1 1/2	74,869	1 1/2	86,760	1 1/2	98,682	1 1/2	110,604
3/4	3,903	3/4	15,850	3/4	27,781	3/4	39,377	3/4	51,294	3/4	63,211	3/4	75,116	3/4	87,009	3/4	98,931	3/4	110,852
5	4,152	5	16,099	5	28,029	5	39,625	5	51,542	5	63,459	5	75,364	5	87,257	5	99,179	5	111,101
1 1/2	4,401	1 1/2	16,348	1 1/2	28,276	1 1/2	39,873	1 1/2	51,790	1 1/2	63,707	1 1/2	75,611	1 1/2	87,505	1 1/2	99,427	1 1/2	111,349
1 1/2	4,849	1 1/2	16,597	1 1/2	28,523	1 1/2	40,121	1 1/2	52,039	1 1/2	63,956	1 1/2	75,859	1 1/2	87,754	1 1/2	99,676	1 1/2	111,598
3/4	4,898	3/4	16,846	3/4	28,769	3/4	40,370	3/4	52,287	3/4	64,204	3/4	76,106	3/4	88,002	3/4	99,924	3/4	111,846
6	5,147	6	17,095	6	29,016	6	40,618	6	52,535	6	64,452	6	76,353	6	88,251	6	100,172	6	112,094
1 1/4	5,396	1 1/4	17,344	1 1/4	29,258	1 1/4	40,866	1 1/4	52,783	1 1/4	64,700	1 1/4	76,600	1 1/4	88,499	1 1/4	100,421	1 1/4	112,343
1 1/2	5,645	1 1/2	17,593	1 1/2	29,500	1 1/2	41,115	1 1/2	53,032	1 1/2	64,949	1 1/2	76,848	1 1/2	88,747	1 1/2	100,669	1 1/2	112,591
3/4	5,894	3/4	17,842	3/4	29,742	3/4	41,363	3/4	53,280	3/4	65,197	3/4	77,095	3/4	88,995	3/4	100,918	3/4	112,839
7	6,143	7	18,091	7	29,984	7	41,611	7	53,528	7	65,445	7	77,342	7	89,244	7	101,166	7	113,088
1 1/4	6,392	1 1/4	18,339	1 1/4	30,225	1 1/4	41,859	1 1/4	53,776	1 1/4	65,694	1 1/4	77,590	1 1/4	89,492	1 1/4	101,414	1 1/4	113,336
1 1/2	6,641	1 1/2	18,588	1 1/2	30,467	1 1/2	42,108	1 1/2	54,025	1 1/2	65,942	1 1/2	77,837	1 1/2	89,741	1 1/2	101,663	1 1/2	113,584
3/4	6,890	3/4	18,837	3/4	30,708	3/4	42,356	3/4	54,273	3/4	66,190	3/4	78,084	3/4	89,989	3/4	101,911	3/4	113,833
8	7,139	8	19,086	8	30,950	8	42,604	8	54,521	8	66,438	8	78,332	8	90,238	8	102,159	8	114,081
1 1/4	7,388	1 1/4	19,334	1 1/4	31,189	1 1/4	42,852	1 1/4	54,770	1 1/4	66,687	1 1/4	78,579	1 1/4	90,486	1 1/4	102,408	1 1/4	114,330
1 1/2	7,637	1 1/2	19,583	1 1/2	31,429	1 1/2	43,101	1 1/2	55,018	1 1/2	66,935	1 1/2	78,826	1 1/2	90,734	1 1/2	102,656	1 1/2	114,578
3/4	7,886	3/4	19,831	3/4	31,669	3/4	43,349	3/4	55,266	3/4	67,183	3/4	79,073	3/4	90,983	3/4	102,905	3/4	114,826
9	8,134	9	20,079	9	31,909	9	43,597	9	55,514	9	67,431	9	79,321	9	91,231	9	103,153	9	115,075
1 1/4	8,383	1 1/4	20,328	1 1/4	32,149	1 1/4	43,846	1 1/4	55,763	1 1/4	67,680	1 1/4	79,569	1 1/4	91,479	1 1/4	103,401	1 1/4	115,323
1 1/2	8,632	1 1/2	20,576	1 1/2	32,388	1 1/2	44,094	1 1/2	56,011	1 1/2	67,928	1 1/2	79,815	1 1/2	91,728	1 1/2	103,650	1 1/2	115,571
3/4	8,881	3/4	20,825	3/4	32,628	3/4	44,342	3/4	56,259	3/4	68,176	3/4	80,063	3/4	91,976	3/4	103,898	3/4	115,820
10	9,130	10	21,073	10	32,868	10	44,590	10	56,507	10	68,425	10	80,310	10	92,225	10	104,146	10	116,068
1 1/4	9,379	1 1/4	21,322	1 1/4	33,108	1 1/4	44,839	1 1/4	56,756	1 1/4	68,673	1 1/4	80,557	1 1/4	92,473	1 1/4	104,395	1 1/4	116,316
1 1/2	9,628	1 1/2	21,570	1 1/2	33,348	1 1/2	45,087	1 1/2	57,004	1 1/2	68,921	1 1/2	80,805	1 1/2	92,721	1 1/2	104,643	1 1/2	116,564
3/4	9,877	3/4	21,818	3/4	33,587	3/4	45,336	3/4	57,252	3/4	69,169	3/4	81,052	3/4	92,970	3/4	104,891	3/4	116,812
11	10,126	11	22,067	11	33,827	11	45,583	11	57,501	11	69,418	11	81,299	11	93,219	11	105,140	11	117,060
1 1/4	10,375	1 1/4	22,315	1 1/4	34,067	1 1/4	45,832	1 1/4	57,749	1 1/4	69,666	1 1/4	81,547	1 1/4	93,468	1 1/4	105,388	1 1/4	117,308
1 1/2	10,624	1 1/2	22,564	1 1/2	34,307	1 1/2	46,080	1 1/2	57,997	1 1/2	69,914	1 1/2	81,794	1 1/2	93,715	1 1/2	105,637	1 1/2	117,556
3/4	10,873	3/4	22,812	3/4	34,547	3/4	46,328	3/4	58,245	3/4	70,162	3/4	82,042	3/4	93,963	3/4	105,885	3/4	117,804

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "IB 1318"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

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	118,052	0	129,137	0	139,334	0	149,532	0	159,729	0	169,899	0	169,899	0	0	0	0	0	0
1/4	118,300	1/4	129,349	1/4	139,547	1/4	149,744	1/4	159,942	1/4	170,045	1/4		1/4		1/4		1/4	
1/2	118,548	1/2	129,562	1/2	139,758	1/2	149,957	1/2	160,164	1/2	170,190	1/2		1/2		1/2		1/2	
3/4	118,795	3/4	129,774	3/4	139,972	3/4	150,169	3/4	160,366	3/4	170,335	3/4		3/4		3/4		3/4	
1	119,044	1	129,987	1	140,184	1	160,382	1	160,579	1	170,480	1		1		1		1	
1 1/4	119,292	1 1/4	130,199	1 1/4	140,397	1 1/4	160,584	1 1/4	160,791	1 1/4	170,547	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	119,540	1 1/2	130,412	1 1/2	140,609	1 1/2	160,806	1 1/2	161,004	1 1/2	170,615	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	119,788	1 3/4	130,624	1 3/4	140,822	1 3/4	161,019	1 3/4	161,216	1 3/4	170,682	1 3/4		1 3/4		1 3/4		1 3/4	
2	120,036	2	130,837	2	141,034	2	161,231	2	161,429	2	170,749	2		2		2		2	
2 1/4	120,284	2 1/4	131,049	2 1/4	141,246	2 1/4	161,444	2 1/4	161,641	2 1/4	170,770	2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	120,532	2 1/2	131,261	2 1/2	141,459	2 1/2	161,656	2 1/2	161,854	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	120,780	2 3/4	131,474	2 3/4	141,671	2 3/4	161,869	2 3/4	162,066	2 3/4		2 3/4		2 3/4		2 3/4		2 3/4	
3	121,028	3	131,686	3	141,884	3	162,081	3	162,278	3		3		3		3		3	
3 1/4	121,276	3 1/4	131,899	3 1/4	142,096	3 1/4	162,294	3 1/4	162,491	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	121,524	3 1/2	132,111	3 1/2	142,309	3 1/2	162,506	3 1/2	162,703	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	121,772	3 3/4	132,324	3 3/4	142,521	3 3/4	162,718	3 3/4	162,916	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	122,020	4	132,536	4	142,734	4	162,931	4	163,128	4		4		4		4		4	
4 1/4	122,268	4 1/4	132,749	4 1/4	142,946	4 1/4	163,143	4 1/4	163,341	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	122,516	4 1/2	132,961	4 1/2	143,158	4 1/2	163,356	4 1/2	163,553	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	122,764	4 3/4	133,173	4 3/4	143,371	4 3/4	163,568	4 3/4	163,766	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	123,012	5	133,386	5	143,583	5	163,781	5	163,978	5		5		5		5		5	
5 1/4	123,256	5 1/4	133,598	5 1/4	143,796	5 1/4	163,993	5 1/4	164,190	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	123,499	5 1/2	133,811	5 1/2	144,008	5 1/2	164,206	5 1/2	164,403	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	123,743	5 3/4	134,023	5 3/4	144,221	5 3/4	164,418	5 3/4	164,615	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	123,986	6	134,236	6	144,433	6	164,630	6	164,828	6		6		6		6		6	
6 1/4	124,212	6 1/4	134,448	6 1/4	144,646	6 1/4	164,843	6 1/4	165,040	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	124,437	6 1/2	134,661	6 1/2	144,858	6 1/2	165,055	6 1/2	165,253	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	124,663	6 3/4	134,873	6 3/4	145,070	6 3/4	165,268	6 3/4	165,465	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	124,888	7	135,086	7	145,283	7	165,480	7	165,678	7		7		7		7		7	
7 1/4	125,101	7 1/4	135,298	7 1/4	145,495	7 1/4	165,693	7 1/4	165,890	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	125,313	7 1/2	135,510	7 1/2	145,708	7 1/2	165,905	7 1/2	166,102	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	125,525	7 3/4	135,723	7 3/4	145,920	7 3/4	166,118	7 3/4	166,315	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	125,738	8	135,935	8	146,133	8	166,330	8	166,527	8		8		8		8		8	
8 1/4	125,950	8 1/4	136,148	8 1/4	146,345	8 1/4	166,542	8 1/4	166,740	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	126,163	8 1/2	136,360	8 1/2	146,558	8 1/2	166,755	8 1/2	166,952	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	126,375	8 3/4	136,573	8 3/4	146,770	8 3/4	166,967	8 3/4	167,164	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	126,588	9	136,785	9	146,982	9	167,180	9	167,377	9		9		9		9		9	
9 1/4	126,800	9 1/4	136,997	9 1/4	147,195	9 1/4	167,392	9 1/4	167,589	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	127,013	9 1/2	137,210	9 1/2	147,407	9 1/2	167,605	9 1/2	167,801	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	127,225	9 3/4	137,422	9 3/4	147,620	9 3/4	167,817	9 3/4	168,013	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	127,437	10	137,635	10	147,832	10	168,030	10	168,225	10		10		10		10		10	
10 1/4	127,650	10 1/4	137,847	10 1/4	148,045	10 1/4	168,242	10 1/4	168,438	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	127,862	10 1/2	138,060	10 1/2	148,257	10 1/2	168,454	10 1/2	168,651	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	128,075	10 3/4	138,272	10 3/4	148,470	10 3/4	168,667	10 3/4	168,864	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	128,287	11	138,485	11	148,682	11	168,879	11	169,077	11		11		11		11		11	
11 1/4	128,500	11 1/4	138,697	11 1/4	148,894	11 1/4	169,092	11 1/4	169,283	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	128,712	11 1/2	138,909	11 1/2	149,107	11 1/2	169,304	11 1/2	169,488	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	128,925	11 3/4	139,122	11 3/4	149,319	11 3/4	169,517	11 3/4	169,694	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	

STRAPPED: 03/30/2020 CL  
CALCULATED: 03/31/2020 CL  
PRINTED: 03/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2892  
Pearland, Texas 77589  
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# BARGE "IB 1318"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

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	74	0	9,437	0	19,710	0	29,824	0	40,004	0	50,277	0	60,551	0	70,824	0	81,097	0	91,371
1/4	138	1/4	9,651	1/4	19,924	1/4	30,032	1/4	40,219	1/4	50,491	1/4	60,765	1/4	71,038	1/4	81,311	1/4	91,586
1/2	202	1/2	9,865	1/2	20,138	1/2	30,240	1/2	40,432	1/2	50,705	1/2	60,979	1/2	71,252	1/2	81,525	1/2	91,799
3/4	266	3/4	10,079	3/4	20,352	3/4	30,448	3/4	40,646	3/4	50,919	3/4	61,193	3/4	71,466	3/4	81,740	3/4	92,013
1	330	1	10,294	1	20,566	1	30,655	1	40,880	1	51,133	1	61,407	1	71,680	1	81,954	1	92,227
1 1/4	477	1 1/4	10,508	1 1/4	20,780	1 1/4	30,863	1 1/4	41,074	1 1/4	51,347	1 1/4	61,621	1 1/4	71,894	1 1/4	82,168	1 1/4	92,441
1 1/2	624	1 1/2	10,722	1 1/2	20,994	1 1/2	31,071	1 1/2	41,288	1 1/2	51,561	1 1/2	61,835	1 1/2	72,108	1 1/2	82,382	1 1/2	92,655
3/4	771	3/4	10,936	3/4	21,208	3/4	31,279	3/4	41,502	3/4	51,775	3/4	62,049	3/4	72,322	3/4	82,596	3/4	92,869
2	918	2	11,150	2	21,423	2	31,487	2	41,716	2	51,990	2	62,263	2	72,536	2	82,810	2	93,083
1 1/4	1,122	1 1/4	11,364	1 1/4	21,637	1 1/4	31,694	1 1/4	41,930	1 1/4	52,204	1 1/4	62,477	1 1/4	72,750	1 1/4	83,024	1 1/4	93,297
1 1/2	1,327	1 1/2	11,578	1 1/2	21,851	1 1/2	31,902	1 1/2	42,144	1 1/2	52,418	1 1/2	62,691	1 1/2	72,964	1 1/2	83,238	1 1/2	93,511
3/4	1,532	3/4	11,792	3/4	22,065	3/4	32,110	3/4	42,358	3/4	52,632	3/4	62,905	3/4	73,178	3/4	83,452	3/4	93,725
3	1,737	3	12,006	3	22,279	3	32,318	3	42,572	3	52,846	3	63,119	3	73,392	3	83,666	3	93,939
1 1/4	1,950	1 1/4	12,220	1 1/4	22,493	1 1/4	32,527	1 1/4	42,786	1 1/4	53,060	1 1/4	63,333	1 1/4	73,606	1 1/4	83,880	1 1/4	94,153
1 1/2	2,163	1 1/2	12,434	1 1/2	22,707	1 1/2	32,738	1 1/2	43,008	1 1/2	53,274	1 1/2	63,547	1 1/2	73,820	1 1/2	84,094	1 1/2	94,367
3/4	2,376	3/4	12,648	3/4	22,921	3/4	32,946	3/4	43,214	3/4	53,488	3/4	63,761	3/4	74,034	3/4	84,308	3/4	94,581
4	2,590	4	12,862	4	23,135	4	33,155	4	43,428	4	53,702	4	63,975	4	74,248	4	84,522	4	94,795
1 1/4	2,803	1 1/4	13,076	1 1/4	23,349	1 1/4	33,369	1 1/4	43,642	1 1/4	53,916	1 1/4	64,189	1 1/4	74,463	1 1/4	84,738	1 1/4	95,009
1 1/2	3,017	1 1/2	13,290	1 1/2	23,563	1 1/2	33,583	1 1/2	43,856	1 1/2	54,130	1 1/2	64,403	1 1/2	74,677	1 1/2	84,950	1 1/2	95,223
3/4	3,231	3/4	13,504	3/4	23,777	3/4	33,797	3/4	44,070	3/4	54,344	3/4	64,617	3/4	74,891	3/4	85,164	3/4	95,437
8	3,445	8	13,718	8	23,991	8	34,011	8	44,284	8	54,558	8	64,831	8	75,105	8	85,378	8	95,651
1 1/4	3,659	1 1/4	13,932	1 1/4	24,203	1 1/4	34,225	1 1/4	44,499	1 1/4	54,772	1 1/4	65,045	1 1/4	75,319	1 1/4	85,592	1 1/4	95,865
1 1/2	3,873	1 1/2	14,146	1 1/2	24,416	1 1/2	34,439	1 1/2	44,713	1 1/2	54,986	1 1/2	65,259	1 1/2	75,533	1 1/2	85,806	1 1/2	96,079
3/4	4,087	3/4	14,360	3/4	24,628	3/4	34,653	3/4	44,927	3/4	55,200	3/4	65,473	3/4	75,747	3/4	86,020	3/4	96,293
8	4,301	8	14,574	8	24,840	8	34,867	8	45,141	8	55,414	8	65,687	8	75,961	8	86,234	8	96,507
1 1/4	4,515	1 1/4	14,788	1 1/4	25,048	1 1/4	35,081	1 1/4	45,355	1 1/4	55,628	1 1/4	65,901	1 1/4	76,175	1 1/4	86,448	1 1/4	96,722
1 1/2	4,729	1 1/2	15,002	1 1/2	25,265	1 1/2	35,295	1 1/2	45,569	1 1/2	55,842	1 1/2	66,115	1 1/2	76,389	1 1/2	86,662	1 1/2	96,936
3/4	4,943	3/4	15,216	3/4	25,463	3/4	35,509	3/4	45,783	3/4	56,056	3/4	66,329	3/4	76,603	3/4	86,876	3/4	97,150
7	5,157	7	15,430	7	25,670	7	35,723	7	45,997	7	56,270	7	66,543	7	76,817	7	87,090	7	97,364
1 1/4	5,371	1 1/4	15,644	1 1/4	25,878	1 1/4	35,937	1 1/4	46,211	1 1/4	56,484	1 1/4	66,758	1 1/4	77,031	1 1/4	87,304	1 1/4	97,578
1 1/2	5,585	1 1/2	15,858	1 1/2	26,085	1 1/2	36,151	1 1/2	46,425	1 1/2	56,698	1 1/2	66,972	1 1/2	77,245	1 1/2	87,518	1 1/2	97,792
3/4	5,799	3/4	16,072	3/4	26,293	3/4	36,365	3/4	46,639	3/4	56,912	3/4	67,186	3/4	77,459	3/4	87,732	3/4	98,006
8	6,013	8	16,286	8	26,501	8	36,579	8	46,853	8	57,126	8	67,400	8	77,673	8	87,946	8	98,220
1 1/4	6,227	1 1/4	16,500	1 1/4	26,708	1 1/4	36,793	1 1/4	47,067	1 1/4	57,340	1 1/4	67,614	1 1/4	77,887	1 1/4	88,160	1 1/4	98,434
1 1/2	6,441	1 1/2	16,714	1 1/2	26,916	1 1/2	37,008	1 1/2	47,281	1 1/2	57,554	1 1/2	67,828	1 1/2	78,101	1 1/2	88,374	1 1/2	98,648
3/4	6,655	3/4	16,928	3/4	27,124	3/4	37,222	3/4	47,495	3/4	57,768	3/4	68,042	3/4	78,315	3/4	88,588	3/4	98,862
9	6,869	9	17,142	9	27,332	9	37,436	9	47,709	9	57,982	9	68,256	9	78,529	9	88,802	9	99,076
1 1/4	7,083	1 1/4	17,356	1 1/4	27,539	1 1/4	37,650	1 1/4	47,923	1 1/4	58,195	1 1/4	68,470	1 1/4	78,743	1 1/4	89,016	1 1/4	99,290
1 1/2	7,297	1 1/2	17,570	1 1/2	27,747	1 1/2	37,864	1 1/2	48,137	1 1/2	58,410	1 1/2	68,684	1 1/2	78,957	1 1/2	89,231	1 1/2	99,504
3/4	7,511	3/4	17,784	3/4	27,955	3/4	38,078	3/4	48,351	3/4	58,624	3/4	68,898	3/4	79,171	3/4	89,445	3/4	99,718
10	7,725	10	17,998	10	28,163	10	38,292	10	48,565	10	58,838	10	69,112	10	79,385	10	89,659	10	99,932
1 1/4	7,939	1 1/4	18,212	1 1/4	28,370	1 1/4	38,506	1 1/4	48,779	1 1/4	59,052	1 1/4	69,326	1 1/4	79,599	1 1/4	89,873	1 1/4	100,146
1 1/2	8,153	1 1/2	18,426	1 1/2	28,578	1 1/2	38,720	1 1/2	48,993	1 1/2	59,266	1 1/2	69,540	1 1/2	79,813	1 1/2	90,087	1 1/2	100,360
3/4	8,367	3/4	18,640	3/4	28,786	3/4	38,934	3/4	49,207	3/4	59,481	3/4	69,754	3/4	80,027	3/4	90,301	3/4	100,574
11	8,581	11	18,854	11	28,994	11	39,148	11	49,421	11	59,695	11	69,968	11	80,241	11	90,515	11	100,788
1 1/4	8,795	1 1/4	19,068	1 1/4	29,201	1 1/4	39,362	1 1/4	49,635	1 1/4	59,909	1 1/4	70,182	1 1/4	80,455	1 1/4	90,729	1 1/4	101,002
1 1/2	9,009	1 1/2	19,282	1 1/2	29,409	1 1/2	39,576	1 1/2	49,849	1 1/2	60,123	1 1/2	70,396	1 1/2	80,669	1 1/2	90,943	1 1/2	101,216
3/4	9,223	3/4	19,496	3/4	29,617	3/4	39,790	3/4	50,063	3/4	60,337	3/4	70,610	3/4	80,883	3/4	91,157	3/4	101,430

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2032  
 Pearland, Texas 77668  
<http://www.pmacorp.net>



# BARGE "IB 1318"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

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	101,644	0	111,918	0	122,191	0	132,464	0	142,738	0	152,994	0		0		0		0	
1/4	101,858	1/4	112,132	1/4	122,405	1/4	132,678	1/4	142,952	1/4	153,019	1/4		1/4		1/4		1/4	
1/2	102,072	1/2	112,346	1/2	122,619	1/2	132,892	1/2	143,166	1/2	153,144	1/2		1/2		1/2		1/2	
3/4	102,286	3/4	112,560	3/4	122,833	3/4	133,106	3/4	143,380	3/4	153,268	3/4		3/4		3/4		3/4	
1	102,500	1	112,774	1	123,047	1	133,320	1	143,594	1	153,393	1		1		1		1	
1 1/4	102,714	1 1/4	112,988	1 1/4	123,261	1 1/4	133,534	1 1/4	143,808	1 1/4	153,451	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	102,928	1 1/2	113,202	1 1/2	123,475	1 1/2	133,748	1 1/2	144,022	1 1/2	153,509	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	103,142	1 3/4	113,416	1 3/4	123,689	1 3/4	133,963	1 3/4	144,236	1 3/4	153,567	1 3/4		1 3/4		1 3/4		1 3/4	
2	103,356	2	113,630	2	123,903	2	134,177	2	144,450	2	153,625	2		2		2		2	
2 1/4	103,570	2 1/4	113,844	2 1/4	124,117	2 1/4	134,391	2 1/4	144,664	2 1/4	153,643	2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	103,784	2 1/2	114,058	2 1/2	124,331	2 1/2	134,605	2 1/2	144,878	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	103,998	2 3/4	114,272	2 3/4	124,545	2 3/4	134,819	2 3/4	145,092	2 3/4		2 3/4		2 3/4		2 3/4		2 3/4	
3	104,213	3	114,486	3	124,759	3	135,033	3	145,306	3		3		3		3		3	
3 1/4	104,427	3 1/4	114,700	3 1/4	124,973	3 1/4	135,247	3 1/4	145,520	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	104,641	3 1/2	114,914	3 1/2	125,187	3 1/2	135,461	3 1/2	145,734	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	104,855	3 3/4	115,128	3 3/4	125,401	3 3/4	135,675	3 3/4	145,948	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	105,069	4	115,342	4	125,615	4	135,889	4	146,162	4		4		4		4		4	
4 1/4	105,283	4 1/4	115,556	4 1/4	125,829	4 1/4	136,103	4 1/4	146,376	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	105,497	4 1/2	115,770	4 1/2	126,043	4 1/2	136,317	4 1/2	146,590	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	105,711	4 3/4	115,984	4 3/4	126,257	4 3/4	136,531	4 3/4	146,804	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	105,925	5	116,198	5	126,471	5	136,745	5	147,018	5		5		5		5		5	
5 1/4	106,139	5 1/4	116,412	5 1/4	126,686	5 1/4	136,959	5 1/4	147,232	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	106,353	5 1/2	116,626	5 1/2	126,900	5 1/2	137,173	5 1/2	147,446	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	106,567	5 3/4	116,840	5 3/4	127,114	5 3/4	137,387	5 3/4	147,660	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	106,781	6	117,054	6	127,328	6	137,601	6	147,874	6		6		6		6		6	
6 1/4	106,995	6 1/4	117,268	6 1/4	127,542	6 1/4	137,815	6 1/4	148,088	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	107,209	6 1/2	117,482	6 1/2	127,756	6 1/2	138,029	6 1/2	148,302	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	107,423	6 3/4	117,696	6 3/4	127,970	6 3/4	138,243	6 3/4	148,516	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	107,637	7	117,910	7	128,184	7	138,457	7	148,730	7		7		7		7		7	
7 1/4	107,851	7 1/4	118,124	7 1/4	128,398	7 1/4	138,671	7 1/4	148,944	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	108,065	7 1/2	118,338	7 1/2	128,612	7 1/2	138,885	7 1/2	149,158	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	108,279	7 3/4	118,552	7 3/4	128,826	7 3/4	139,099	7 3/4	149,373	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	108,493	8	118,766	8	129,040	8	139,313	8	149,587	8		8		8		8		8	
8 1/4	108,707	8 1/4	118,981	8 1/4	129,254	8 1/4	139,527	8 1/4	149,801	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	108,921	8 1/2	119,195	8 1/2	129,468	8 1/2	139,741	8 1/2	150,015	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	109,135	8 3/4	119,409	8 3/4	129,682	8 3/4	139,955	8 3/4	150,229	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	109,349	9	119,623	9	129,896	9	140,169	9	150,442	9		9		9		9		9	
9 1/4	109,563	9 1/4	119,837	9 1/4	130,110	9 1/4	140,383	9 1/4	150,656	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	109,777	9 1/2	120,051	9 1/2	130,324	9 1/2	140,597	9 1/2	150,870	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	109,991	9 3/4	120,265	9 3/4	130,538	9 3/4	140,811	9 3/4	151,083	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	110,205	10	120,479	10	130,752	10	141,025	10	151,297	10		10		10		10		10	
10 1/4	110,419	10 1/4	120,693	10 1/4	130,966	10 1/4	141,239	10 1/4	151,509	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	110,633	10 1/2	120,907	10 1/2	131,180	10 1/2	141,454	10 1/2	151,718	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	110,847	10 3/4	121,121	10 3/4	131,394	10 3/4	141,668	10 3/4	151,929	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	111,061	11	121,335	11	131,608	11	141,882	11	152,140	11		11		11		11		11	
11 1/4	111,275	11 1/4	121,549	11 1/4	131,822	11 1/4	142,096	11 1/4	152,328	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	111,489	11 1/2	121,763	11 1/2	132,036	11 1/2	142,310	11 1/2	152,517	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	111,704	11 3/4	121,977	11 3/4	132,250	11 3/4	142,524	11 3/4	152,705	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	

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CANCELS AND SUPERCANCES  
ALL PRIOR TO 03/2020

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



# BARGE "IB 1318"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

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	74	0	9,496	0	19,834	0	30,147	0	40,472	0	50,810	0	61,148	0	71,486	0	81,824	0	92,161
1/4	138	1/4	9,712	1/4	20,049	1/4	30,361	1/4	40,688	1/4	51,026	1/4	61,363	1/4	71,701	1/4	82,039	1/4	92,377
1/2	203	1/2	9,927	1/2	20,264	1/2	30,576	1/2	40,903	1/2	51,241	1/2	61,579	1/2	71,916	1/2	82,254	1/2	92,592
3/4	268	3/4	10,142	3/4	20,480	3/4	30,790	3/4	41,118	3/4	51,466	3/4	61,794	3/4	72,132	3/4	82,470	3/4	92,807
1	332	1	10,358	1	20,695	1	31,005	1	41,334	1	51,672	1	62,009	1	72,347	1	82,685	1	93,023
1 1/4	480	1 1/4	10,573	1 1/4	20,910	1 1/4	31,219	1 1/4	41,549	1 1/4	51,887	1 1/4	62,225	1 1/4	72,563	1 1/4	82,900	1 1/4	93,238
1 1/2	628	1 1/2	10,789	1 1/2	21,126	1 1/2	31,434	1 1/2	41,765	1 1/2	52,102	1 1/2	62,440	1 1/2	72,778	1 1/2	83,116	1 1/2	93,454
3/4	775	3/4	11,004	3/4	21,341	3/4	31,648	3/4	41,980	3/4	52,318	3/4	62,656	3/4	72,993	3/4	83,331	3/4	93,669
2	923	2	11,219	2	21,557	2	31,862	2	42,195	2	52,533	2	62,871	2	73,209	2	83,546	2	93,884
1 1/4	1,129	1 1/4	11,435	1 1/4	21,772	1 1/4	32,077	1 1/4	42,411	1 1/4	52,748	1 1/4	63,086	1 1/4	73,424	1 1/4	83,762	1 1/4	94,100
1 1/2	1,335	1 1/2	11,650	1 1/2	21,987	1 1/2	32,292	1 1/2	42,626	1 1/2	52,964	1 1/2	63,302	1 1/2	73,639	1 1/2	83,977	1 1/2	94,315
3/4	1,541	3/4	11,865	3/4	22,203	3/4	32,508	3/4	42,841	3/4	53,179	3/4	63,517	3/4	73,855	3/4	84,193	3/4	94,530
3	1,747	3	12,081	3	22,418	3	32,721	3	43,057	3	53,395	3	63,732	3	74,070	3	84,408	3	94,746
1 1/4	1,952	1 1/4	12,296	1 1/4	22,633	1 1/4	32,936	1 1/4	43,272	1 1/4	53,610	1 1/4	63,948	1 1/4	74,288	1 1/4	84,623	1 1/4	94,961
1 1/2	2,176	1 1/2	12,511	1 1/2	22,849	1 1/2	33,151	1 1/2	43,489	1 1/2	53,825	1 1/2	64,163	1 1/2	74,501	1 1/2	84,839	1 1/2	95,176
3/4	2,391	3/4	12,727	3/4	23,064	3/4	33,368	3/4	43,703	3/4	54,041	3/4	64,379	3/4	74,716	3/4	85,054	3/4	95,392
4	2,606	4	12,942	4	23,279	4	33,581	4	43,918	4	54,256	4	64,594	4	74,932	4	85,269	4	95,607
1 1/4	2,821	1 1/4	13,157	1 1/4	23,495	1 1/4	33,796	1 1/4	44,134	1 1/4	54,471	1 1/4	64,809	1 1/4	75,147	1 1/4	85,485	1 1/4	95,823
1 1/2	3,036	1 1/2	13,373	1 1/2	23,710	1 1/2	34,011	1 1/2	44,349	1 1/2	54,687	1 1/2	65,025	1 1/2	75,362	1 1/2	85,700	1 1/2	96,038
3/4	3,251	3/4	13,588	3/4	23,926	3/4	34,227	3/4	44,564	3/4	54,902	3/4	65,240	3/4	75,578	3/4	85,916	3/4	96,253
5	3,466	5	13,804	5	24,141	5	34,442	5	44,780	5	55,118	5	65,455	5	75,793	5	86,131	5	96,469
1 1/4	3,682	1 1/4	14,019	1 1/4	24,356	1 1/4	34,657	1 1/4	44,995	1 1/4	55,333	1 1/4	65,671	1 1/4	76,009	1 1/4	86,346	1 1/4	96,684
1 1/2	3,897	1 1/2	14,234	1 1/2	24,571	1 1/2	34,873	1 1/2	45,211	1 1/2	55,548	1 1/2	65,886	1 1/2	76,224	1 1/2	86,562	1 1/2	96,899
3/4	4,112	3/4	14,450	3/4	24,786	3/4	35,088	3/4	45,428	3/4	55,764	3/4	66,101	3/4	76,439	3/4	86,777	3/4	97,115
6	4,328	6	14,665	6	25,001	6	35,303	6	45,641	6	55,979	6	66,317	6	76,655	6	86,992	6	97,330
1 1/4	4,543	1 1/4	14,880	1 1/4	25,216	1 1/4	35,519	1 1/4	45,857	1 1/4	56,194	1 1/4	66,532	1 1/4	76,870	1 1/4	87,208	1 1/4	97,546
1 1/2	4,758	1 1/2	15,096	1 1/2	25,430	1 1/2	35,734	1 1/2	46,072	1 1/2	56,410	1 1/2	66,748	1 1/2	77,085	1 1/2	87,423	1 1/2	97,761
3/4	4,974	3/4	15,311	3/4	25,645	3/4	35,950	3/4	46,287	3/4	56,625	3/4	66,963	3/4	77,301	3/4	87,639	3/4	97,976
7	5,189	7	15,526	7	25,859	7	36,165	7	46,503	7	56,841	7	67,178	7	77,516	7	87,854	7	98,192
1 1/4	5,404	1 1/4	15,742	1 1/4	26,073	1 1/4	36,380	1 1/4	46,718	1 1/4	57,056	1 1/4	67,394	1 1/4	77,731	1 1/4	88,069	1 1/4	98,407
1 1/2	5,620	1 1/2	15,957	1 1/2	26,288	1 1/2	36,596	1 1/2	46,933	1 1/2	57,271	1 1/2	67,609	1 1/2	77,947	1 1/2	88,285	1 1/2	98,622
3/4	5,835	3/4	16,173	3/4	26,502	3/4	36,811	3/4	47,149	3/4	57,487	3/4	67,824	3/4	78,162	3/4	88,500	3/4	98,838
8	6,051	8	16,388	8	26,717	8	37,026	8	47,364	8	57,702	8	68,040	8	78,378	8	88,715	8	99,053
1 1/4	6,266	1 1/4	16,603	1 1/4	26,931	1 1/4	37,242	1 1/4	47,580	1 1/4	57,917	1 1/4	68,255	1 1/4	78,593	1 1/4	88,931	1 1/4	99,269
1 1/2	6,481	1 1/2	16,819	1 1/2	27,145	1 1/2	37,457	1 1/2	47,795	1 1/2	58,133	1 1/2	68,471	1 1/2	78,808	1 1/2	89,146	1 1/2	99,484
3/4	6,697	3/4	17,034	3/4	27,360	3/4	37,673	3/4	48,010	3/4	58,348	3/4	68,686	3/4	79,024	3/4	89,361	3/4	99,699
9	6,912	9	17,249	9	27,574	9	37,888	9	48,228	9	58,563	9	68,901	9	79,239	9	89,577	9	99,915
1 1/4	7,127	1 1/4	17,465	1 1/4	27,789	1 1/4	38,103	1 1/4	48,441	1 1/4	58,779	1 1/4	69,117	1 1/4	79,454	1 1/4	89,792	1 1/4	100,130
1 1/2	7,343	1 1/2	17,680	1 1/2	28,003	1 1/2	38,319	1 1/2	48,656	1 1/2	58,994	1 1/2	69,332	1 1/2	79,670	1 1/2	90,008	1 1/2	100,345
3/4	7,558	3/4	17,895	3/4	28,217	3/4	38,534	3/4	48,872	3/4	59,210	3/4	69,547	3/4	79,885	3/4	90,223	3/4	100,561
10	7,773	10	18,111	10	28,432	10	38,749	10	49,087	10	59,425	10	69,763	10	80,101	10	90,438	10	100,776
1 1/4	7,989	1 1/4	18,326	1 1/4	28,646	1 1/4	38,965	1 1/4	49,303	1 1/4	59,640	1 1/4	69,978	1 1/4	80,316	1 1/4	90,654	1 1/4	100,991
1 1/2	8,204	1 1/2	18,542	1 1/2	28,861	1 1/2	39,180	1 1/2	49,518	1 1/2	59,856	1 1/2	70,194	1 1/2	80,531	1 1/2	90,869	1 1/2	101,207
3/4	8,420	3/4	18,757	3/4	29,075	3/4	39,396	3/4	49,733	3/4	60,071	3/4	70,409	3/4	80,747	3/4	91,084	3/4	101,422
11	8,635	11	18,972	11	29,289	11	39,611	11	49,949	11	60,286	11	70,624	11	80,962	11	91,300	11	101,638
1 1/4	8,850	1 1/4	19,188	1 1/4	29,504	1 1/4	39,826	1 1/4	50,164	1 1/4	60,502	1 1/4	70,840	1 1/4	81,177	1 1/4	91,515	1 1/4	101,853
1 1/2	9,066	1 1/2	19,403	1 1/2	29,718	1 1/2	40,042	1 1/2	50,379	1 1/2	60,717	1 1/2	71,055	1 1/2	81,393	1 1/2	91,731	1 1/2	102,068
3/4	9,281	3/4	19,618	3/4	29,933	3/4	40,257	3/4	50,595	3/4	60,933	3/4	71,270	3/4	81,608	3/4	91,946	3/4	102,284

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.  
GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2082  
Pearland, Texas 77588  
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# BARGE "IB 1318"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

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	102,499	0	112,837	0	123,175	0	133,512	0	143,850	0	154,187	0	164,525	0	174,862	0	185,200	0	195,537
1/4	102,714	1/4	113,052	1/4	123,390	1/4	133,728	1/4	144,066	1/4	154,404	1/4	164,742	1/4	175,080	1/4	185,418	1/4	195,756
1/2	102,930	1/2	113,268	1/2	123,605	1/2	133,943	1/2	144,281	1/2	154,619	1/2	164,957	1/2	175,295	1/2	185,633	1/2	195,971
3/4	103,146	3/4	113,483	3/4	123,821	3/4	134,169	3/4	144,585	3/4	154,923	3/4	165,261	3/4	175,599	3/4	185,937	3/4	196,275
1	103,361	1	113,698	1	124,036	1	134,374	1	144,712	1	155,050	1	165,388	1	175,726	1	186,064	1	196,402
1 1/4	103,576	1 1/4	113,914	1 1/4	124,251	1 1/4	134,589	1 1/4	144,927	1 1/4	155,265	1 1/4	165,603	1 1/4	175,941	1 1/4	186,279	1 1/4	196,617
1 1/2	103,791	1 1/2	114,129	1 1/2	124,467	1 1/2	134,805	1 1/2	145,142	1 1/2	155,480	1 1/2	165,818	1 1/2	176,156	1 1/2	186,494	1 1/2	196,832
1 3/4	104,007	1 3/4	114,344	1 3/4	124,682	1 3/4	135,020	1 3/4	145,358	1 3/4	155,696	1 3/4	166,034	1 3/4	176,372	1 3/4	186,710	1 3/4	197,048
2	104,222	2	114,560	2	124,898	2	135,235	2	145,573	2	155,911	2	166,249	2	176,587	2	186,925	2	197,263
2 1/4	104,437	2 1/4	114,775	2 1/4	125,113	2 1/4	135,451	2 1/4	145,789	2 1/4	156,127	2 1/4	166,465	2 1/4	176,803	2 1/4	187,141	2 1/4	197,479
2 1/2	104,653	2 1/2	114,991	2 1/2	125,328	2 1/2	135,666	2 1/2	146,004	2 1/2	156,342	2 1/2	166,680	2 1/2	177,018	2 1/2	187,356	2 1/2	197,694
2 3/4	104,868	2 3/4	115,206	2 3/4	125,544	2 3/4	135,881	2 3/4	146,219	2 3/4	156,559	2 3/4	166,897	2 3/4	177,235	2 3/4	187,573	2 3/4	198,011
3	105,084	3	115,421	3	125,759	3	136,097	3	146,435	3	156,773	3	167,111	3	177,449	3	187,787	3	198,226
3 1/4	105,299	3 1/4	115,637	3 1/4	125,974	3 1/4	136,312	3 1/4	146,650	3 1/4	157,011	3 1/4	167,349	3 1/4	177,687	3 1/4	188,025	3 1/4	198,442
3 1/2	105,514	3 1/2	115,852	3 1/2	126,190	3 1/2	136,528	3 1/2	146,865	3 1/2	157,227	3 1/2	167,566	3 1/2	178,004	3 1/2	188,342	3 1/2	198,659
3 3/4	105,730	3 3/4	116,067	3 3/4	126,405	3 3/4	136,743	3 3/4	147,081	3 3/4	157,445	3 3/4	167,784	3 3/4	178,221	3 3/4	188,559	3 3/4	198,876
4	105,945	4	116,283	4	126,621	4	136,958	4	147,296	4	157,656	4	168,002	4	178,457	4	188,812	4	199,131
4 1/4	106,160	4 1/4	116,498	4 1/4	126,836	4 1/4	137,174	4 1/4	147,511	4 1/4	157,871	4 1/4	168,217	4 1/4	178,672	4 1/4	189,027	4 1/4	199,346
4 1/2	106,376	4 1/2	116,714	4 1/2	127,051	4 1/2	137,389	4 1/2	147,727	4 1/2	158,081	4 1/2	168,428	4 1/2	179,023	4 1/2	189,378	4 1/2	199,554
4 3/4	106,591	4 3/4	116,929	4 3/4	127,267	4 3/4	137,604	4 3/4	147,942	4 3/4	158,291	4 3/4	168,642	4 3/4	179,238	4 3/4	189,583	4 3/4	199,762
5	106,806	5	117,144	5	127,482	5	137,820	5	148,158	5	158,496	5	168,834	5	179,472	5	189,810	5	199,970
5 1/4	107,022	5 1/4	117,360	5 1/4	127,697	5 1/4	138,035	5 1/4	148,373	5 1/4	158,711	5 1/4	169,049	5 1/4	179,787	5 1/4	190,125	5 1/4	200,178
5 1/2	107,237	5 1/2	117,575	5 1/2	127,913	5 1/2	138,251	5 1/2	148,588	5 1/2	158,929	5 1/2	169,267	5 1/2	180,004	5 1/2	190,342	5 1/2	200,386
5 3/4	107,453	5 3/4	117,790	5 3/4	128,128	5 3/4	138,466	5 3/4	148,804	5 3/4	159,147	5 3/4	169,485	5 3/4	180,221	5 3/4	190,559	5 3/4	200,594
6	107,668	6	118,006	6	128,344	6	138,681	6	149,019	6	159,357	6	169,695	6	180,437	6	190,775	6	200,800
6 1/4	107,883	6 1/4	118,221	6 1/4	128,559	6 1/4	138,897	6 1/4	149,234	6 1/4	159,572	6 1/4	169,910	6 1/4	180,654	6 1/4	190,992	6 1/4	201,006
6 1/2	108,099	6 1/2	118,436	6 1/2	128,774	6 1/2	139,112	6 1/2	149,450	6 1/2	159,788	6 1/2	170,148	6 1/2	180,871	6 1/2	191,209	6 1/2	201,211
6 3/4	108,314	6 3/4	118,652	6 3/4	128,990	6 3/4	139,327	6 3/4	149,665	6 3/4	160,006	6 3/4	170,366	6 3/4	181,088	6 3/4	191,421	6 3/4	201,416
7	108,529	7	118,867	7	129,205	7	139,543	7	149,881	7	160,221	7	170,581	7	181,303	7	191,625	7	201,616
7 1/4	108,745	7 1/4	119,083	7 1/4	129,420	7 1/4	139,758	7 1/4	150,096	7 1/4	160,436	7 1/4	170,791	7 1/4	181,514	7 1/4	191,836	7 1/4	201,806
7 1/2	108,960	7 1/2	119,298	7 1/2	129,636	7 1/2	139,974	7 1/2	150,311	7 1/2	160,651	7 1/2	171,006	7 1/2	181,731	7 1/2	192,051	7 1/2	201,991
7 3/4	109,176	7 3/4	119,513	7 3/4	129,851	7 3/4	140,189	7 3/4	150,527	7 3/4	160,866	7 3/4	171,221	7 3/4	181,946	7 3/4	192,266	7 3/4	202,176
8	109,391	8	119,729	8	130,066	8	140,404	8	150,742	8	161,081	8	171,445	8	182,161	8	192,471	8	202,381
8 1/4	109,606	8 1/4	119,944	8 1/4	130,282	8 1/4	140,620	8 1/4	150,957	8 1/4	161,300	8 1/4	171,660	8 1/4	182,371	8 1/4	192,681	8 1/4	202,586
8 1/2	109,822	8 1/2	120,159	8 1/2	130,497	8 1/2	140,835	8 1/2	151,173	8 1/2	161,519	8 1/2	171,871	8 1/2	182,581	8 1/2	192,791	8 1/2	202,691
8 3/4	110,037	8 3/4	120,375	8 3/4	130,713	8 3/4	141,050	8 3/4	151,388	8 3/4	161,757	8 3/4	172,121	8 3/4	182,891	8 3/4	193,001	8 3/4	202,796
9	110,252	9	120,590	9	130,928	9	141,266	9	151,603	9	162,006	9	172,360	9	183,101	9	193,311	9	202,901
9 1/4	110,468	9 1/4	120,806	9 1/4	131,143	9 1/4	141,481	9 1/4	151,818	9 1/4	162,221	9 1/4	172,575	9 1/4	183,311	9 1/4	193,521	9 1/4	203,006
9 1/2	110,683	9 1/2	121,021	9 1/2	131,359	9 1/2	141,696	9 1/2	152,033	9 1/2	162,436	9 1/2	172,789	9 1/2	183,521	9 1/2	193,731	9 1/2	203,111
9 3/4	110,899	9 3/4	121,236	9 3/4	131,574	9 3/4	141,912	9 3/4	152,248	9 3/4	162,648	9 3/4	173,001	9 3/4	183,731	9 3/4	193,941	9 3/4	203,216
10	111,114	10	121,452	10	131,789	10	142,127	10	152,463	10	162,866	10	173,211	10	183,941	10	194,151	10	203,321
10 1/4	111,329	10 1/4	121,667	10 1/4	132,005	10 1/4	142,343	10 1/4	152,675	10 1/4	163,079	10 1/4	173,421	10 1/4	184,161	10 1/4	194,361	10 1/4	203,426
10 1/2	111,545	10 1/2	121,882	10 1/2	132,220	10 1/2	142,558	10 1/2	152,887	10 1/2	163,287	10 1/2	173,621	10 1/2	184,371	10 1/2	194,571	10 1/2	203,531
10 3/4	111,760	10 3/4	122,098	10 3/4	132,436	10 3/4	142,773	10 3/4	153,099	10 3/4	163,491	10 3/4	173,831	10 3/4	184,581	10 3/4	194,781	10 3/4	203,636
11	111,975	11	122,313	11	132,651	11	142,989	11	153,311	11	163,691	11	174,071	11	184,791	11	194,991	11	203,741
11 1/4	112,191	11 1/4	122,529	11 1/4	132,866	11 1/4	143,204	11 1/4	153,501	11 1/4	163,891	11 1/4	174,261	11 1/4	185,001	11 1/4	195,191	11 1/4	203,846
11 1/2	112,406	11 1/2	122,744	11 1/2	133,082	11 1/2	143,419	11 1/2	153,691	11 1/2	164,081	11 1/2	174,441	11 1/2	185,211	11 1/2	195,391	11 1/2	203,951
11 3/4	112,621	11 3/4	122,959	11 3/4	133,297	11 3/4	143,635	11 3/4	153,880	11 3/4	164,261	11 3/4	174,621	11 3/4	185,421	11 3/4	195,591	11 3/4	204,056

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/30/2020 CL  
CALCULATED: 03/31/2020 CL  
PRINTED: 03/31/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

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