

Gallons



# BARGE "IB 1316"

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	01-1/4	- 01-1/4

(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 25, 2020

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

<http://www.pmacorp.net>



# BARGE "IB 1316"

## 1 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	230	0	11,100	0	23,015	0	34,718	0	46,485	0	58,379	0	70,272	0	82,128	0	94,026	0	105,928
1/4	305	1/4	11,048	1/4	23,283	1/4	34,957	1/4	46,733	1/4	58,626	1/4	70,520	1/4	82,376	1/4	94,274	1/4	106,172
1/2	379	1/2	11,596	1/2	23,511	1/2	35,197	1/2	46,980	1/2	58,874	1/2	70,768	1/2	82,624	1/2	94,522	1/2	106,420
3/4	454	3/4	11,845	3/4	23,759	3/4	35,436	3/4	47,226	3/4	59,122	3/4	71,016	3/4	82,871	3/4	94,770	3/4	106,668
1	528	1	12,093	1	24,007	1	35,875	1	47,476	1	59,370	1	71,263	1	83,119	1	95,018	1	106,916
1 1/4	609	1 1/4	12,342	1 1/4	24,266	1 1/4	35,916	1 1/4	47,724	1 1/4	59,617	1 1/4	71,511	1 1/4	83,367	1 1/4	95,266	1 1/4	107,164
1 1/2	689	1 1/2	12,590	1 1/2	24,503	1 1/2	36,154	1 1/2	47,972	1 1/2	59,865	1 1/2	71,758	1 1/2	83,615	1 1/2	95,513	1 1/2	107,412
1 3/4	1,040	1 3/4	12,839	1 3/4	24,751	1 3/4	36,393	1 3/4	48,219	1 3/4	60,113	1 3/4	72,006	1 3/4	83,863	1 3/4	95,761	1 3/4	107,660
2	1,210	2	13,087	2	24,999	2	36,633	2	48,467	2	60,361	2	72,254	2	84,111	2	96,009	2	107,908
2 1/4	1,448	2 1/4	13,335	2 1/4	25,247	2 1/4	36,872	2 1/4	48,715	2 1/4	60,609	2 1/4	72,500	2 1/4	84,359	2 1/4	96,257	2 1/4	108,156
2 1/2	1,685	2 1/2	13,584	2 1/2	25,495	2 1/2	37,111	2 1/2	48,963	2 1/2	60,856	2 1/2	72,747	2 1/2	84,607	2 1/2	96,505	2 1/2	108,403
2 3/4	1,923	2 3/4	13,832	2 3/4	25,743	2 3/4	37,351	2 3/4	49,211	2 3/4	61,104	2 3/4	72,994	2 3/4	84,854	2 3/4	96,753	2 3/4	108,651
3	2,161	3	14,081	3	25,990	3	37,590	3	49,468	3	61,352	3	73,241	3	85,102	3	97,001	3	108,899
3 1/4	2,408	3 1/4	14,329	3 1/4	26,238	3 1/4	37,831	3 1/4	49,708	3 1/4	61,600	3 1/4	73,488	3 1/4	85,350	3 1/4	97,249	3 1/4	109,147
3 1/2	2,656	3 1/2	14,577	3 1/2	26,486	3 1/2	38,073	3 1/2	49,954	3 1/2	61,848	3 1/2	73,734	3 1/2	85,598	3 1/2	97,497	3 1/2	109,395
3 3/4	2,903	3 3/4	14,826	3 3/4	26,734	3 3/4	38,314	3 3/4	50,202	3 3/4	62,095	3 3/4	73,981	3 3/4	85,846	3 3/4	97,744	3 3/4	109,643
4	3,151	4	15,074	4	26,982	4	38,556	4	50,449	4	62,343	4	74,228	4	86,094	4	97,992	4	109,891
4 1/4	3,399	4 1/4	15,322	4 1/4	27,230	4 1/4	38,804	4 1/4	50,697	4 1/4	62,591	4 1/4	74,476	4 1/4	86,342	4 1/4	98,240	4 1/4	110,139
4 1/2	3,647	4 1/2	15,571	4 1/2	27,478	4 1/2	39,051	4 1/2	50,945	4 1/2	62,839	4 1/2	74,722	4 1/2	86,590	4 1/2	98,488	4 1/2	110,386
4 3/4	3,895	4 3/4	15,819	4 3/4	27,726	4 3/4	39,299	4 3/4	51,193	4 3/4	63,086	4 3/4	74,969	4 3/4	86,838	4 3/4	98,736	4 3/4	110,634
5	4,143	5	16,068	5	27,974	5	39,547	5	51,441	5	63,334	5	75,215	5	87,085	5	98,984	5	110,882
5 1/4	4,392	5 1/4	16,316	5 1/4	28,220	5 1/4	39,795	5 1/4	51,688	5 1/4	63,582	5 1/4	75,462	5 1/4	87,333	5 1/4	99,232	5 1/4	111,130
5 1/2	4,640	5 1/2	16,564	5 1/2	28,467	5 1/2	40,042	5 1/2	51,936	5 1/2	63,830	5 1/2	75,709	5 1/2	87,581	5 1/2	99,480	5 1/2	111,378
5 3/4	4,889	5 3/4	16,813	5 3/4	28,713	5 3/4	40,290	5 3/4	52,184	5 3/4	64,078	5 3/4	75,956	5 3/4	87,829	5 3/4	99,727	5 3/4	111,626
6	5,137	6	17,061	6	28,959	6	40,538	6	52,432	6	64,326	6	76,203	6	88,077	6	99,975	6	111,874
6 1/4	5,386	6 1/4	17,310	6 1/4	29,201	6 1/4	40,786	6 1/4	52,679	6 1/4	64,573	6 1/4	76,450	6 1/4	88,325	6 1/4	100,223	6 1/4	112,122
6 1/2	5,634	6 1/2	17,558	6 1/2	29,442	6 1/2	41,034	6 1/2	52,927	6 1/2	64,821	6 1/2	76,696	6 1/2	88,573	6 1/2	100,471	6 1/2	112,369
6 3/4	5,882	6 3/4	17,807	6 3/4	29,684	6 3/4	41,281	6 3/4	53,175	6 3/4	65,069	6 3/4	76,943	6 3/4	88,821	6 3/4	100,719	6 3/4	112,617
7	6,131	7	18,055	7	29,925	7	41,529	7	53,423	7	65,317	7	77,190	7	89,068	7	100,967	7	112,865
7 1/4	6,379	7 1/4	18,303	7 1/4	30,166	7 1/4	41,777	7 1/4	53,671	7 1/4	65,564	7 1/4	77,437	7 1/4	89,316	7 1/4	101,215	7 1/4	113,113
7 1/2	6,628	7 1/2	18,552	7 1/2	30,407	7 1/2	42,025	7 1/2	53,918	7 1/2	65,812	7 1/2	77,684	7 1/2	89,564	7 1/2	101,463	7 1/2	113,361
7 3/4	6,876	7 3/4	18,800	7 3/4	30,648	7 3/4	42,273	7 3/4	54,166	7 3/4	66,060	7 3/4	77,931	7 3/4	89,812	7 3/4	101,711	7 3/4	113,609
8	7,125	8	19,048	8	30,889	8	42,520	8	54,414	8	66,308	8	78,177	8	90,060	8	101,958	8	113,857
8 1/4	7,373	8 1/4	19,296	8 1/4	31,128	8 1/4	42,768	8 1/4	54,662	8 1/4	66,555	8 1/4	78,424	8 1/4	90,308	8 1/4	102,206	8 1/4	114,105
8 1/2	7,622	8 1/2	19,544	8 1/2	31,367	8 1/2	43,016	8 1/2	54,910	8 1/2	66,803	8 1/2	78,671	8 1/2	90,556	8 1/2	102,454	8 1/2	114,353
8 3/4	7,870	8 3/4	19,792	8 3/4	31,607	8 3/4	43,264	8 3/4	55,157	8 3/4	67,051	8 3/4	78,918	8 3/4	90,804	8 3/4	102,702	8 3/4	114,601
9	8,119	9	20,040	9	31,846	9	43,511	9	55,405	9	67,299	9	79,165	9	91,052	9	102,950	9	114,848
9 1/4	8,367	9 1/4	20,288	9 1/4	32,085	9 1/4	43,759	9 1/4	55,653	9 1/4	67,547	9 1/4	79,412	9 1/4	91,299	9 1/4	103,198	9 1/4	115,096
9 1/2	8,616	9 1/2	20,536	9 1/2	32,325	9 1/2	44,007	9 1/2	55,901	9 1/2	67,794	9 1/2	79,658	9 1/2	91,547	9 1/2	103,446	9 1/2	115,344
9 3/4	8,864	9 3/4	20,784	9 3/4	32,564	9 3/4	44,255	9 3/4	56,148	9 3/4	68,042	9 3/4	79,905	9 3/4	91,795	9 3/4	103,694	9 3/4	115,592
10	9,112	10	21,032	10	32,803	10	44,503	10	56,396	10	68,290	10	80,152	10	92,043	10	103,941	10	115,839
10 1/4	9,361	10 1/4	21,280	10 1/4	33,043	10 1/4	44,750	10 1/4	56,644	10 1/4	68,538	10 1/4	80,399	10 1/4	92,291	10 1/4	104,189	10 1/4	116,087
10 1/2	9,609	10 1/2	21,528	10 1/2	33,282	10 1/2	44,998	10 1/2	56,892	10 1/2	68,785	10 1/2	80,646	10 1/2	92,539	10 1/2	104,437	10 1/2	116,335
10 3/4	9,857	10 3/4	21,776	10 3/4	33,521	10 3/4	45,246	10 3/4	57,140	10 3/4	69,033	10 3/4	80,893	10 3/4	92,787	10 3/4	104,685	10 3/4	116,582
11	10,106	11	22,023	11	33,761	11	45,494	11	57,387	11	69,281	11	81,139	11	93,035	11	104,933	11	116,830
11 1/4	10,354	11 1/4	22,271	11 1/4	34,000	11 1/4	45,742	11 1/4	57,635	11 1/4	69,529	11 1/4	81,386	11 1/4	93,282	11 1/4	105,181	11 1/4	117,077
11 1/2	10,603	11 1/2	22,519	11 1/2	34,239	11 1/2	45,989	11 1/2	57,883	11 1/2	69,777	11 1/2	81,634	11 1/2	93,530	11 1/2	105,429	11 1/2	117,325
11 3/4	10,851	11 3/4	22,767	11 3/4	34,479	11 3/4	46,237	11 3/4	58,131	11 3/4	70,024	11 3/4	81,881	11 3/4	93,778	11 3/4	105,677	11 3/4	117,572

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  
 Pearland, Texas 77668  
<http://www.pmacorp.net>



# BARGE "IB 1316"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

IN	30 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	117,820	0	128,883	0	139,060	0	149,238	0	159,415	0	169,595	0	0	0	0	0	0	0	0
1/4	118,067	1/4	129,095	1/4	139,272	1/4	149,450	1/4	159,627	1/4	169,710	1/4							
1/2	118,315	1/2	129,307	1/2	139,484	1/2	149,662	1/2	159,839	1/2	169,855	1/2							
3/4	118,562	3/4	129,518	3/4	139,695	3/4	149,874	3/4	160,051	3/4	170,000	3/4							
1	118,810	1	129,731	1	139,908	1	150,088	1	160,263	1	170,145	1							
1 1/4	119,057	1 1/4	129,943	1 1/4	140,120	1 1/4	150,288	1 1/4	160,475	1 1/4	170,212	1 1/4							
1 1/2	119,305	1 1/2	130,165	1 1/2	140,332	1 1/2	150,510	1 1/2	160,687	1 1/2	170,279	1 1/2							
1 3/4	119,552	1 3/4	130,387	1 3/4	140,544	1 3/4	150,722	1 3/4	160,899	1 3/4	170,346	1 3/4							
2	119,800	2	130,579	2	140,756	2	150,934	2	161,111	2	170,414	2							
2 1/4	120,048	2 1/4	130,791	2 1/4	140,969	2 1/4	151,146	2 1/4	161,323	2 1/4	170,434	2 1/4							
2 1/2	120,295	2 1/2	131,003	2 1/2	141,181	2 1/2	151,358	2 1/2	161,535	2 1/2									
2 3/4	120,543	2 3/4	131,215	2 3/4	141,393	2 3/4	151,570	2 3/4	161,747	2 3/4									
3	120,790	3	131,427	3	141,605	3	151,782	3	161,959	3									
3 1/4	121,038	3 1/4	131,639	3 1/4	141,817	3 1/4	151,994	3 1/4	162,171	3 1/4									
3 1/2	121,285	3 1/2	131,851	3 1/2	142,029	3 1/2	152,208	3 1/2	162,383	3 1/2									
3 3/4	121,533	3 3/4	132,063	3 3/4	142,241	3 3/4	152,418	3 3/4	162,595	3 3/4									
4	121,780	4	132,275	4	142,453	4	152,630	4	162,807	4									
4 1/4	122,028	4 1/4	132,487	4 1/4	142,665	4 1/4	152,842	4 1/4	163,018	4 1/4									
4 1/2	122,275	4 1/2	132,699	4 1/2	142,877	4 1/2	153,054	4 1/2	163,231	4 1/2									
4 3/4	122,523	4 3/4	132,911	4 3/4	143,089	4 3/4	153,266	4 3/4	163,443	4 3/4									
5	122,770	5	133,124	5	143,301	5	153,478	5	163,655	5									
5 1/4	123,018	5 1/4	133,336	5 1/4	143,513	5 1/4	153,690	5 1/4	163,867	5 1/4									
5 1/2	123,256	5 1/2	133,548	5 1/2	143,725	5 1/2	153,902	5 1/2	164,079	5 1/2									
5 3/4	123,499	5 3/4	133,760	5 3/4	143,937	5 3/4	154,114	5 3/4	164,291	5 3/4									
6	123,742	6	133,972	6	144,149	6	154,326	6	164,504	6									
6 1/4	123,987	6 1/4	134,184	6 1/4	144,361	6 1/4	154,538	6 1/4	164,716	6 1/4									
6 1/2	124,192	6 1/2	134,396	6 1/2	144,573	6 1/2	154,750	6 1/2	164,928	6 1/2									
6 3/4	124,417	6 3/4	134,608	6 3/4	144,785	6 3/4	154,962	6 3/4	165,140	6 3/4									
7	124,642	7	134,820	7	144,997	7	155,174	7	165,352	7									
7 1/4	124,854	7 1/4	135,032	7 1/4	145,209	7 1/4	155,386	7 1/4	165,564	7 1/4									
7 1/2	125,066	7 1/2	135,244	7 1/2	145,421	7 1/2	155,598	7 1/2	165,776	7 1/2									
7 3/4	125,279	7 3/4	135,456	7 3/4	145,633	7 3/4	155,810	7 3/4	165,988	7 3/4									
8	125,491	8	135,668	8	145,845	8	156,022	8	166,200	8									
8 1/4	125,703	8 1/4	135,880	8 1/4	146,057	8 1/4	156,234	8 1/4	166,412	8 1/4									
8 1/2	125,915	8 1/2	136,092	8 1/2	146,269	8 1/2	156,446	8 1/2	166,624	8 1/2									
8 3/4	126,127	8 3/4	136,304	8 3/4	146,481	8 3/4	156,659	8 3/4	166,836	8 3/4									
9	126,339	9	136,516	9	146,693	9	156,871	9	167,048	9									
9 1/4	126,551	9 1/4	136,728	9 1/4	146,905	9 1/4	157,083	9 1/4	167,259	9 1/4									
9 1/2	126,763	9 1/2	136,940	9 1/2	147,117	9 1/2	157,295	9 1/2	167,471	9 1/2									
9 3/4	126,975	9 3/4	137,152	9 3/4	147,329	9 3/4	157,507	9 3/4	167,682	9 3/4									
10	127,187	10	137,364	10	147,541	10	157,719	10	167,894	10									
10 1/4	127,399	10 1/4	137,576	10 1/4	147,753	10 1/4	157,931	10 1/4	168,106	10 1/4									
10 1/2	127,611	10 1/2	137,788	10 1/2	147,965	10 1/2	158,143	10 1/2	168,319	10 1/2									
10 3/4	127,823	10 3/4	138,000	10 3/4	148,177	10 3/4	158,355	10 3/4	168,532	10 3/4									
11	128,035	11	138,212	11	148,389	11	158,567	11	168,745	11									
11 1/4	128,247	11 1/4	138,424	11 1/4	148,601	11 1/4	158,779	11 1/4	168,956	11 1/4									
11 1/2	128,459	11 1/2	138,636	11 1/2	148,814	11 1/2	158,991	11 1/2	169,165	11 1/2									
11 3/4	128,671	11 3/4	138,848	11 3/4	149,026	11 3/4	159,203	11 3/4	169,368	11 3/4									

STRAPPED: 03/23/2020 CL  
CALCULATED: 03/24/2020 CL  
PRINTED: 03/24/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "IB 1316"

## 2 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	74	0	9,432	0	19,698	0	29,964	0	39,979	0	50,246	0	60,513	0	70,781	0	81,048	0	91,315
1/4	138	1/4	9,848	1/4	19,912	1/4	30,014	1/4	40,193	1/4	50,460	1/4	60,727	1/4	70,994	1/4	81,262	1/4	91,529
1/2	202	1/2	9,859	1/2	20,128	1/2	30,221	1/2	40,407	1/2	50,674	1/2	60,941	1/2	71,208	1/2	81,475	1/2	91,742
3/4	266	3/4	10,073	3/4	20,340	3/4	30,429	3/4	40,621	3/4	50,888	3/4	61,155	3/4	71,422	3/4	81,689	3/4	91,956
1	330	1	10,287	1	20,554	1	30,637	1	40,836	1	51,102	1	61,369	1	71,636	1	81,903	1	92,170
1 1/4	477	1 1/4	10,501	1 1/4	20,768	1 1/4	30,844	1 1/4	41,049	1 1/4	51,316	1 1/4	61,583	1 1/4	71,850	1 1/4	82,117	1 1/4	92,384
1 1/2	624	1 1/2	10,715	1 1/2	20,982	1 1/2	31,052	1 1/2	41,263	1 1/2	51,530	1 1/2	61,797	1 1/2	72,064	1 1/2	82,331	1 1/2	92,598
1 3/4	770	1 3/4	10,929	1 3/4	21,195	1 3/4	31,260	1 3/4	41,477	1 3/4	51,744	1 3/4	62,011	1 3/4	72,278	1 3/4	82,545	1 3/4	92,812
2	917	2	11,143	2	21,409	2	31,467	2	41,691	2	51,958	2	62,225	2	72,492	2	82,759	2	93,026
2 1/4	1,122	2 1/4	11,357	2 1/4	21,623	2 1/4	31,675	2 1/4	41,904	2 1/4	62,171	2 1/4	62,439	2 1/4	72,706	2 1/4	82,973	2 1/4	93,240
2 1/2	1,326	2 1/2	11,571	2 1/2	21,837	2 1/2	31,882	2 1/2	42,118	2 1/2	62,385	2 1/2	62,652	2 1/2	72,920	2 1/2	83,187	2 1/2	93,454
2 3/4	1,531	2 3/4	11,784	2 3/4	22,051	2 3/4	32,090	2 3/4	42,332	2 3/4	62,599	2 3/4	62,866	2 3/4	73,133	2 3/4	83,401	2 3/4	93,668
3	1,736	3	11,998	3	22,265	3	32,298	3	42,546	3	62,813	3	63,080	3	73,347	3	83,614	3	93,885
3 1/4	1,949	3 1/4	12,212	3 1/4	22,479	3 1/4	32,507	3 1/4	42,760	3 1/4	63,027	3 1/4	63,294	3 1/4	73,561	3 1/4	83,828	3 1/4	94,095
3 1/2	2,162	3 1/2	12,426	3 1/2	22,693	3 1/2	32,716	3 1/2	42,974	3 1/2	63,241	3 1/2	63,508	3 1/2	73,775	3 1/2	84,042	3 1/2	94,309
3 3/4	2,375	3 3/4	12,640	3 3/4	22,907	3 3/4	32,925	3 3/4	43,188	3 3/4	63,455	3 3/4	63,722	3 3/4	73,989	3 3/4	84,256	3 3/4	94,523
4	2,588	4	12,854	4	23,120	4	33,135	4	43,402	4	63,669	4	63,936	4	74,203	4	84,470	4	94,737
4 1/4	2,802	4 1/4	13,068	4 1/4	23,334	4 1/4	33,349	4 1/4	43,618	4 1/4	63,893	4 1/4	64,160	4 1/4	74,417	4 1/4	84,684	4 1/4	94,951
4 1/2	3,015	4 1/2	13,282	4 1/2	23,548	4 1/2	33,562	4 1/2	43,830	4 1/2	64,097	4 1/2	64,364	4 1/2	74,631	4 1/2	84,898	4 1/2	95,165
4 3/4	3,229	4 3/4	13,496	4 3/4	23,762	4 3/4	33,776	4 3/4	44,043	4 3/4	64,310	4 3/4	64,577	4 3/4	74,845	4 3/4	85,112	4 3/4	95,379
5	3,443	5	13,709	5	23,976	5	33,980	5	44,267	5	64,524	5	64,791	5	75,059	5	85,326	5	95,593
5 1/4	3,657	5 1/4	13,923	5 1/4	24,188	5 1/4	34,204	5 1/4	44,471	5 1/4	64,738	5 1/4	65,005	5 1/4	75,272	5 1/4	85,539	5 1/4	95,807
5 1/2	3,871	5 1/2	14,137	5 1/2	24,401	5 1/2	34,418	5 1/2	44,685	5 1/2	64,952	5 1/2	65,219	5 1/2	75,486	5 1/2	85,753	5 1/2	96,020
5 3/4	4,084	5 3/4	14,351	5 3/4	24,613	5 3/4	34,632	5 3/4	44,899	5 3/4	65,166	5 3/4	65,433	5 3/4	75,700	5 3/4	85,967	5 3/4	96,234
6	4,298	6	14,565	6	24,825	6	34,846	6	45,113	6	65,380	6	65,647	6	75,914	6	86,181	6	96,448
6 1/4	4,512	6 1/4	14,779	6 1/4	25,032	6 1/4	35,050	6 1/4	45,327	6 1/4	65,594	6 1/4	65,861	6 1/4	76,128	6 1/4	86,395	6 1/4	96,662
6 1/2	4,726	6 1/2	14,993	6 1/2	25,240	6 1/2	35,274	6 1/2	45,541	6 1/2	65,808	6 1/2	66,075	6 1/2	76,342	6 1/2	86,609	6 1/2	96,876
6 3/4	4,940	6 3/4	15,207	6 3/4	25,447	6 3/4	35,488	6 3/4	45,755	6 3/4	66,022	6 3/4	66,289	6 3/4	76,558	6 3/4	86,823	6 3/4	97,090
7	5,154	7	15,421	7	25,655	7	35,701	7	45,968	7	66,236	7	66,503	7	76,770	7	87,037	7	97,304
7 1/4	5,368	7 1/4	15,634	7 1/4	25,862	7 1/4	35,915	7 1/4	46,182	7 1/4	66,449	7 1/4	66,717	7 1/4	76,984	7 1/4	87,251	7 1/4	97,518
7 1/2	5,582	7 1/2	15,848	7 1/2	26,069	7 1/2	36,129	7 1/2	46,396	7 1/2	66,663	7 1/2	66,930	7 1/2	77,197	7 1/2	87,466	7 1/2	97,732
7 3/4	5,796	7 3/4	16,062	7 3/4	26,277	7 3/4	36,343	7 3/4	46,610	7 3/4	66,877	7 3/4	67,144	7 3/4	77,411	7 3/4	87,678	7 3/4	97,946
8	6,009	8	16,276	8	26,484	8	36,557	8	46,824	8	67,091	8	67,358	8	77,625	8	87,892	8	98,159
8 1/4	6,223	8 1/4	16,490	8 1/4	26,692	8 1/4	36,771	8 1/4	47,038	8 1/4	67,305	8 1/4	67,572	8 1/4	77,839	8 1/4	88,106	8 1/4	98,373
8 1/2	6,437	8 1/2	16,704	8 1/2	26,900	8 1/2	36,985	8 1/2	47,252	8 1/2	67,519	8 1/2	67,786	8 1/2	78,053	8 1/2	88,320	8 1/2	98,587
8 3/4	6,651	8 3/4	16,918	8 3/4	27,107	8 3/4	37,199	8 3/4	47,466	8 3/4	67,733	8 3/4	68,000	8 3/4	78,267	8 3/4	88,534	8 3/4	98,801
9	6,865	9	17,132	9	27,315	9	37,413	9	47,680	9	67,947	9	68,214	9	78,481	9	88,748	9	99,015
9 1/4	7,079	9 1/4	17,346	9 1/4	27,522	9 1/4	37,628	9 1/4	47,894	9 1/4	68,161	9 1/4	68,428	9 1/4	78,695	9 1/4	88,962	9 1/4	99,229
9 1/2	7,293	9 1/2	17,559	9 1/2	27,730	9 1/2	37,840	9 1/2	48,107	9 1/2	68,375	9 1/2	68,642	9 1/2	78,909	9 1/2	89,178	9 1/2	99,443
9 3/4	7,507	9 3/4	17,773	9 3/4	27,938	9 3/4	38,054	9 3/4	48,321	9 3/4	68,588	9 3/4	68,855	9 3/4	79,123	9 3/4	89,390	9 3/4	99,657
10	7,721	10	17,987	10	28,145	10	38,268	10	48,535	10	68,802	10	69,069	10	79,338	10	89,604	10	99,871
10 1/4	7,934	10 1/4	18,201	10 1/4	28,353	10 1/4	38,482	10 1/4	48,749	10 1/4	69,016	10 1/4	69,283	10 1/4	79,550	10 1/4	89,817	10 1/4	100,084
10 1/2	8,148	10 1/2	18,415	10 1/2	28,560	10 1/2	38,698	10 1/2	48,963	10 1/2	69,230	10 1/2	69,497	10 1/2	79,764	10 1/2	90,031	10 1/2	100,298
10 3/4	8,362	10 3/4	18,629	10 3/4	28,768	10 3/4	38,910	10 3/4	49,177	10 3/4	69,444	10 3/4	69,711	10 3/4	79,978	10 3/4	90,245	10 3/4	100,512
11	8,576	11	18,843	11	28,976	11	39,124	11	49,391	11	69,658	11	69,925	11	80,192	11	90,459	11	100,726
11 1/4	8,790	11 1/4	19,057	11 1/4	29,183	11 1/4	39,338	11 1/4	49,605	11 1/4	69,872	11 1/4	70,139	11 1/4	80,408	11 1/4	90,673	11 1/4	100,940
11 1/2	9,004	11 1/2	19,270	11 1/2	29,391	11 1/2	39,552	11 1/2	49,819	11 1/2	70,088	11 1/2	70,353	11 1/2	80,620	11 1/2	90,887	11 1/2	101,154
11 3/4	9,218	11 3/4	19,484	11 3/4	29,599	11 3/4	39,765	11 3/4	50,033	11 3/4	70,300	11 3/4	70,567	11 3/4	80,834	11 3/4	91,101	11 3/4	101,368

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRIPPED AND COMPUTED IN ACCORDANCE WITH API 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.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "IB 1316"

## 2 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	101,582	0	111,849	0	122,116	0	132,383	0	142,650	0	152,917	0	0	0	0	0	0	0	0
1/4	101,796	1/4	112,063	1/4	122,330	1/4	132,597	1/4	142,864	1/4	153,131	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	102,010	1/2	112,277	1/2	122,544	1/2	132,811	1/2	143,078	1/2	153,345	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	102,223	3/4	112,491	3/4	122,758	3/4	133,025	3/4	143,292	3/4	153,574	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	102,437	1	112,704	1	122,972	1	133,239	1	143,506	1	153,789	1	1	1	1	1	1	1	1
1 1/4	102,651	1 1/4	112,918	1 1/4	123,185	1 1/4	133,452	1 1/4	143,720	1 1/4	153,957	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	102,865	1 1/2	113,132	1 1/2	123,399	1 1/2	133,666	1 1/2	143,933	1 1/2	154,115	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/2	103,079	3/2	113,346	3/2	123,613	3/2	133,880	3/2	144,147	3/2	154,373	3/2	3/2	3/2	3/2	3/2	3/2	3/2	3/2
2	103,293	2	113,560	2	123,827	2	134,094	2	144,361	2	154,531	2	2	2	2	2	2	2	2
2 1/4	103,507	2 1/4	113,774	2 1/4	124,041	2 1/4	134,308	2 1/4	144,575	2 1/4	154,649	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	103,721	2 1/2	113,988	2 1/2	124,255	2 1/2	134,522	2 1/2	144,789	2 1/2	154,722	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
3 1/4	103,935	3 1/4	114,202	3 1/4	124,469	3 1/4	134,736	3 1/4	145,003	3 1/4	154,855	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3	104,149	3	114,416	3	124,683	3	134,950	3	145,217	3	154,969	3	3	3	3	3	3	3	3
3 1/4	104,362	3 1/4	114,630	3 1/4	124,897	3 1/4	135,164	3 1/4	145,431	3 1/4	155,083	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	104,576	3 1/2	114,843	3 1/2	125,110	3 1/2	135,378	3 1/2	145,645	3 1/2	155,197	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	104,790	3 3/4	115,057	3 3/4	125,324	3 3/4	135,591	3 3/4	145,859	3 3/4	155,311	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	105,004	4	115,271	4	125,538	4	135,805	4	146,072	4	155,424	4	4	4	4	4	4	4	4
4 1/4	105,218	4 1/4	115,485	4 1/4	125,752	4 1/4	136,019	4 1/4	146,286	4 1/4	155,538	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	105,432	4 1/2	115,699	4 1/2	125,966	4 1/2	136,233	4 1/2	146,500	4 1/2	155,652	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	105,646	4 3/4	115,913	4 3/4	126,180	4 3/4	136,447	4 3/4	146,714	4 3/4	155,766	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	105,860	5	116,127	5	126,394	5	136,661	5	146,928	5	155,880	5	5	5	5	5	5	5	5
5 1/4	106,074	5 1/4	116,341	5 1/4	126,608	5 1/4	136,875	5 1/4	147,142	5 1/4	155,994	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	106,288	5 1/2	116,555	5 1/2	126,822	5 1/2	137,089	5 1/2	147,356	5 1/2	156,108	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	106,501	5 3/4	116,768	5 3/4	127,036	5 3/4	137,303	5 3/4	147,570	5 3/4	156,222	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	106,716	6	116,982	6	127,249	6	137,517	6	147,784	6	156,336	6	6	6	6	6	6	6	6
6 1/4	106,929	6 1/4	117,196	6 1/4	127,463	6 1/4	137,730	6 1/4	147,997	6 1/4	156,450	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	107,143	6 1/2	117,410	6 1/2	127,677	6 1/2	137,944	6 1/2	148,211	6 1/2	156,564	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	107,357	6 3/4	117,624	6 3/4	127,891	6 3/4	138,158	6 3/4	148,425	6 3/4	156,678	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	107,571	7	117,838	7	128,105	7	138,372	7	148,639	7	156,792	7	7	7	7	7	7	7	7
7 1/4	107,785	7 1/4	118,052	7 1/4	128,319	7 1/4	138,586	7 1/4	148,853	7 1/4	156,906	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	107,999	7 1/2	118,266	7 1/2	128,533	7 1/2	138,800	7 1/2	149,067	7 1/2	157,020	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	108,213	7 3/4	118,480	7 3/4	128,747	7 3/4	139,014	7 3/4	149,281	7 3/4	157,134	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	108,426	8	118,694	8	128,961	8	139,228	8	149,495	8	157,248	8	8	8	8	8	8	8	8
8 1/4	108,640	8 1/4	118,907	8 1/4	129,175	8 1/4	139,442	8 1/4	149,709	8 1/4	157,362	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	108,854	8 1/2	119,121	8 1/2	129,388	8 1/2	139,655	8 1/2	149,922	8 1/2	157,476	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	109,068	8 3/4	119,335	8 3/4	129,602	8 3/4	139,869	8 3/4	150,136	8 3/4	157,590	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	109,282	9	119,549	9	129,816	9	140,083	9	150,350	9	157,704	9	9	9	9	9	9	9	9
9 1/4	109,496	9 1/4	119,763	9 1/4	130,030	9 1/4	140,297	9 1/4	150,564	9 1/4	157,818	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	109,710	9 1/2	119,977	9 1/2	130,244	9 1/2	140,511	9 1/2	150,777	9 1/2	157,932	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	109,924	9 3/4	120,191	9 3/4	130,458	9 3/4	140,725	9 3/4	150,990	9 3/4	158,046	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	110,138	10	120,405	10	130,672	10	140,939	10	151,204	10	158,160	10	10	10	10	10	10	10	10
10 1/4	110,352	10 1/4	120,619	10 1/4	130,886	10 1/4	141,153	10 1/4	151,418	10 1/4	158,274	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	110,565	10 1/2	120,833	10 1/2	131,100	10 1/2	141,367	10 1/2	151,632	10 1/2	158,388	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	110,779	10 3/4	121,046	10 3/4	131,313	10 3/4	141,581	10 3/4	151,846	10 3/4	158,502	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	110,993	11	121,260	11	131,527	11	141,794	11	152,060	11	158,616	11	11	11	11	11	11	11	11
11 1/4	111,207	11 1/4	121,474	11 1/4	131,741	11 1/4	142,008	11 1/4	152,274	11 1/4	158,730	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	111,421	11 1/2	121,688	11 1/2	131,955	11 1/2	142,222	11 1/2	152,488	11 1/2	158,844	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	111,635	11 3/4	121,902	11 3/4	132,169	11 3/4	142,436	11 3/4	152,612	11 3/4	158,958	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 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  
& ANALYSIS, INC.  
P.O. Box 2082  
Pearland, Texas 77588  
http://www.dmscorp.net



# BARGE "IB 1316"

## 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	9,511	0	19,665	0	30,194	0	40,538	0	50,890	0	61,244	0	71,597	0	81,951	0	92,305
1/4	138	1/4	9,727	1/4	20,080	1/4	30,409	1/4	40,751	1/4	51,105	1/4	61,459	1/4	71,813	1/4	82,167	1/4	92,521
1/2	203	1/2	9,943	1/2	20,296	1/2	30,524	1/2	40,987	1/2	51,321	1/2	61,675	1/2	72,029	1/2	82,383	1/2	92,737
3/4	268	3/4	10,158	3/4	20,512	3/4	30,838	3/4	41,183	3/4	51,537	3/4	61,891	3/4	72,246	3/4	82,599	3/4	92,952
1	333	1	10,374	1	20,727	1	31,053	1	41,388	1	51,752	1	62,106	1	72,460	1	82,814	1	93,168
1 1/4	481	1 1/4	10,590	1 1/4	20,943	1 1/4	31,269	1 1/4	41,614	1 1/4	51,988	1 1/4	62,322	1 1/4	72,676	1 1/4	83,030	1 1/4	93,384
1 1/2	629	1 1/2	10,806	1 1/2	21,159	1 1/2	31,483	1 1/2	41,830	1 1/2	52,184	1 1/2	62,538	1 1/2	72,892	1 1/2	83,246	1 1/2	93,600
1 3/4	777	1 3/4	11,021	1 3/4	21,375	1 3/4	31,697	1 3/4	42,046	1 3/4	52,400	1 3/4	62,753	1 3/4	73,107	1 3/4	83,461	1 3/4	93,815
2	925	2	11,237	2	21,590	2	31,912	2	42,281	2	52,615	2	62,969	2	73,323	2	83,677	2	94,031
2 1/4	1,131	2 1/4	11,452	2 1/4	21,806	2 1/4	32,127	2 1/4	42,477	2 1/4	52,831	2 1/4	63,185	2 1/4	73,539	2 1/4	83,893	2 1/4	94,247
2 1/2	1,337	2 1/2	11,668	2 1/2	22,022	2 1/2	32,342	2 1/2	42,693	2 1/2	53,047	2 1/2	63,401	2 1/2	73,755	2 1/2	84,108	2 1/2	94,462
2 3/4	1,544	2 3/4	11,884	2 3/4	22,237	2 3/4	32,557	2 3/4	42,908	2 3/4	53,262	2 3/4	63,616	2 3/4	73,970	2 3/4	84,324	2 3/4	94,678
3	1,750	3	12,100	3	22,453	3	32,772	3	43,124	3	53,478	3	63,832	3	74,186	3	84,640	3	94,894
3 1/4	1,965	3 1/4	12,315	3 1/4	22,669	3 1/4	32,987	3 1/4	43,340	3 1/4	53,694	3 1/4	64,048	3 1/4	74,402	3 1/4	84,756	3 1/4	95,110
3 1/2	2,180	3 1/2	12,531	3 1/2	22,884	3 1/2	33,203	3 1/2	43,556	3 1/2	53,909	3 1/2	64,263	3 1/2	74,617	3 1/2	84,971	3 1/2	95,326
3 3/4	2,395	3 3/4	12,747	3 3/4	23,100	3 3/4	33,418	3 3/4	43,771	3 3/4	54,125	3 3/4	64,479	3 3/4	74,833	3 3/4	85,187	3 3/4	95,541
4	2,610	4	12,962	4	23,316	4	33,633	4	43,987	4	54,341	4	64,695	4	75,049	4	85,403	4	95,757
4 1/4	2,825	4 1/4	13,178	4 1/4	23,532	4 1/4	33,849	4 1/4	44,203	4 1/4	54,567	4 1/4	64,911	4 1/4	75,265	4 1/4	85,618	4 1/4	95,972
4 1/2	3,041	4 1/2	13,394	4 1/2	23,747	4 1/2	34,064	4 1/2	44,418	4 1/2	54,772	4 1/2	65,126	4 1/2	75,480	4 1/2	85,834	4 1/2	96,188
4 3/4	3,256	4 3/4	13,609	4 3/4	23,963	4 3/4	34,280	4 3/4	44,634	4 3/4	54,988	4 3/4	65,342	4 3/4	75,698	4 3/4	86,050	4 3/4	96,404
5	3,472	5	13,825	5	24,179	5	34,496	5	44,850	5	55,204	5	65,558	5	76,912	5	86,266	5	96,620
5 1/4	3,687	5 1/4	14,041	5 1/4	24,394	5 1/4	34,712	5 1/4	45,068	5 1/4	55,419	5 1/4	65,773	5 1/4	77,127	5 1/4	86,481	5 1/4	96,835
5 1/2	3,903	5 1/2	14,257	5 1/2	24,610	5 1/2	34,927	5 1/2	45,281	5 1/2	55,635	5 1/2	65,989	5 1/2	77,343	5 1/2	86,697	5 1/2	97,051
5 3/4	4,119	5 3/4	14,472	5 3/4	24,825	5 3/4	35,143	5 3/4	45,497	5 3/4	55,851	5 3/4	66,205	5 3/4	77,559	5 3/4	86,913	5 3/4	97,267
6	4,334	6	14,688	6	25,040	6	35,359	6	45,713	6	56,067	6	66,421	6	77,774	6	87,128	6	97,482
6 1/4	4,550	6 1/4	14,904	6 1/4	25,255	6 1/4	35,574	6 1/4	45,928	6 1/4	56,282	6 1/4	66,636	6 1/4	78,000	6 1/4	87,344	6 1/4	97,698
6 1/2	4,766	6 1/2	15,119	6 1/2	25,470	6 1/2	35,790	6 1/2	46,144	6 1/2	56,498	6 1/2	66,852	6 1/2	77,205	6 1/2	87,560	6 1/2	97,914
6 3/4	4,982	6 3/4	15,335	6 3/4	25,685	6 3/4	36,006	6 3/4	46,360	6 3/4	56,714	6 3/4	67,068	6 3/4	77,422	6 3/4	87,778	6 3/4	98,129
7	5,197	7	15,551	7	25,899	7	36,222	7	46,576	7	56,929	7	67,283	7	77,637	7	87,991	7	98,345
7 1/4	5,413	7 1/4	15,766	7 1/4	26,114	7 1/4	36,437	7 1/4	46,791	7 1/4	57,145	7 1/4	67,499	7 1/4	77,853	7 1/4	88,207	7 1/4	98,561
7 1/2	5,629	7 1/2	15,982	7 1/2	26,329	7 1/2	36,653	7 1/2	47,007	7 1/2	57,361	7 1/2	67,715	7 1/2	78,069	7 1/2	88,423	7 1/2	98,777
7 3/4	5,844	7 3/4	16,198	7 3/4	26,544	7 3/4	36,868	7 3/4	47,223	7 3/4	57,577	7 3/4	67,930	7 3/4	78,284	7 3/4	88,638	7 3/4	98,992
8	6,060	8	16,414	8	26,758	8	37,084	8	47,438	8	57,792	8	68,146	8	78,500	8	88,854	8	99,208
8 1/4	6,276	8 1/4	16,629	8 1/4	26,973	8 1/4	37,300	8 1/4	47,654	8 1/4	58,008	8 1/4	68,362	8 1/4	78,716	8 1/4	89,070	8 1/4	99,424
8 1/2	6,491	8 1/2	16,845	8 1/2	27,188	8 1/2	37,516	8 1/2	47,870	8 1/2	58,224	8 1/2	68,576	8 1/2	78,932	8 1/2	89,285	8 1/2	99,639
8 3/4	6,707	8 3/4	17,061	8 3/4	27,403	8 3/4	37,731	8 3/4	48,085	8 3/4	58,439	8 3/4	68,793	8 3/4	79,147	8 3/4	89,501	8 3/4	99,855
9	6,923	9	17,276	9	27,617	9	37,947	9	48,301	9	58,655	9	69,009	9	79,363	9	89,717	9	100,071
9 1/4	7,139	9 1/4	17,492	9 1/4	27,832	9 1/4	38,163	9 1/4	48,517	9 1/4	58,871	9 1/4	69,225	9 1/4	79,579	9 1/4	89,933	9 1/4	100,287
9 1/2	7,354	9 1/2	17,708	9 1/2	28,047	9 1/2	38,379	9 1/2	48,733	9 1/2	59,086	9 1/2	69,440	9 1/2	79,794	9 1/2	90,148	9 1/2	100,502
9 3/4	7,570	9 3/4	17,923	9 3/4	28,261	9 3/4	38,594	9 3/4	48,948	9 3/4	59,302	9 3/4	69,656	9 3/4	80,010	9 3/4	90,364	9 3/4	100,718
10	7,786	10	18,139	10	28,476	10	38,810	10	49,164	10	59,518	10	69,872	10	80,228	10	90,580	10	100,934
10 1/4	8,001	10 1/4	18,355	10 1/4	28,691	10 1/4	39,028	10 1/4	49,380	10 1/4	59,734	10 1/4	70,088	10 1/4	80,441	10 1/4	90,795	10 1/4	101,149
10 1/2	8,217	10 1/2	18,571	10 1/2	28,906	10 1/2	39,241	10 1/2	49,595	10 1/2	59,948	10 1/2	70,303	10 1/2	80,657	10 1/2	91,011	10 1/2	101,365
10 3/4	8,433	10 3/4	18,786	10 3/4	29,120	10 3/4	39,457	10 3/4	49,811	10 3/4	60,165	10 3/4	70,519	10 3/4	80,873	10 3/4	91,227	10 3/4	101,581
11	8,648	11	19,002	11	29,335	11	39,673	11	50,027	11	60,381	11	70,736	11	81,089	11	91,443	11	101,796
11 1/4	8,864	11 1/4	19,218	11 1/4	29,550	11 1/4	39,889	11 1/4	50,242	11 1/4	60,596	11 1/4	70,950	11 1/4	81,304	11 1/4	91,658	11 1/4	102,012
11 1/2	9,080	11 1/2	19,433	11 1/2	29,765	11 1/2	40,104	11 1/2	50,458	11 1/2	60,812	11 1/2	71,166	11 1/2	81,520	11 1/2	91,874	11 1/2	102,228
11 3/4	9,295	11 3/4	19,649	11 3/4	29,979	11 3/4	40,320	11 3/4	50,674	11 3/4	61,028	11 3/4	71,382	11 3/4	81,738	11 3/4	92,080	11 3/4	102,444

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2692  
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# BARGE "IB 1316"

## 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	102,869	0	113,013	0	123,367	0	133,721	0	144,075	0	154,311	0	0	0	0	0	0	0	0
1/4	102,875	1/4	113,229	1/4	123,583	1/4	133,937	1/4	144,291	1/4	154,437	1/4							
1/2	103,091	1/2	113,445	1/2	123,799	1/2	134,153	1/2	144,506	1/2	154,563	1/2							
3/4	103,306	3/4	113,660	3/4	124,014	3/4	134,368	3/4	144,722	3/4	154,688	3/4							
1	103,522	1	113,876	1	124,230	1	134,584	1	144,938	1	154,814	1							
1 1/4	103,738	1 1/4	114,092	1 1/4	124,446	1 1/4	134,800	1 1/4	145,154	1 1/4	154,873	1 1/4							
1 1/2	103,954	1 1/2	114,307	1 1/2	124,661	1 1/2	135,015	1 1/2	145,369	1 1/2	154,931	1 1/2							
1 3/4	104,169	1 3/4	114,523	1 3/4	124,877	1 3/4	135,231	1 3/4	145,585	1 3/4	154,990	1 3/4							
2	104,385	2	114,739	2	125,093	2	135,447	2	145,801	2	155,048	2							
2 1/4	104,601	2 1/4	114,955	2 1/4	125,309	2 1/4	135,662	2 1/4	146,016	2 1/4	155,066	2 1/4							
2 1/2	104,818	2 1/2	115,170	2 1/2	125,524	2 1/2	135,878	2 1/2	146,232	2 1/2									
2 3/4	105,032	2 3/4	115,388	2 3/4	125,740	2 3/4	136,094	2 3/4	146,448	2 3/4									
3	105,248	3	115,602	3	125,956	3	136,310	3	146,664	3									
3 1/4	105,463	3 1/4	115,817	3 1/4	126,171	3 1/4	136,525	3 1/4	146,879	3 1/4									
3 1/2	105,679	3 1/2	116,033	3 1/2	126,387	3 1/2	136,741	3 1/2	147,095	3 1/2									
3 3/4	105,895	3 3/4	116,249	3 3/4	126,603	3 3/4	136,957	3 3/4	147,311	3 3/4									
4	106,111	4	116,465	4	126,818	4	137,172	4	147,526	4									
4 1/4	106,326	4 1/4	116,680	4 1/4	127,034	4 1/4	137,388	4 1/4	147,742	4 1/4									
4 1/2	106,542	4 1/2	116,896	4 1/2	127,250	4 1/2	137,604	4 1/2	147,958	4 1/2									
4 3/4	106,758	4 3/4	117,112	4 3/4	127,466	4 3/4	137,820	4 3/4	148,174	4 3/4									
5	106,973	5	117,327	5	127,681	5	138,035	5	148,389	5									
5 1/4	107,189	5 1/4	117,543	5 1/4	127,897	5 1/4	138,251	5 1/4	148,605	5 1/4									
5 1/2	107,405	5 1/2	117,759	5 1/2	128,113	5 1/2	138,467	5 1/2	148,821	5 1/2									
5 3/4	107,621	5 3/4	117,975	5 3/4	128,328	5 3/4	138,682	5 3/4	149,036	5 3/4									
6	107,836	6	118,190	6	128,544	6	138,898	6	149,252	6									
6 1/4	108,052	6 1/4	118,406	6 1/4	128,760	6 1/4	139,114	6 1/4	149,468	6 1/4									
6 1/2	108,268	6 1/2	118,622	6 1/2	128,976	6 1/2	139,330	6 1/2	149,683	6 1/2									
6 3/4	108,483	6 3/4	118,837	6 3/4	129,191	6 3/4	139,545	6 3/4	149,899	6 3/4									
7	108,699	7	119,053	7	129,407	7	139,761	7	150,115	7									
7 1/4	108,915	7 1/4	119,269	7 1/4	129,623	7 1/4	139,977	7 1/4	150,331	7 1/4									
7 1/2	109,131	7 1/2	119,484	7 1/2	129,838	7 1/2	140,192	7 1/2	150,546	7 1/2									
7 3/4	109,346	7 3/4	119,700	7 3/4	130,054	7 3/4	140,408	7 3/4	150,762	7 3/4									
8	109,562	8	119,916	8	130,270	8	140,624	8	150,978	8									
8 1/4	109,778	8 1/4	120,132	8 1/4	130,486	8 1/4	140,839	8 1/4	151,193	8 1/4									
8 1/2	109,993	8 1/2	120,347	8 1/2	130,701	8 1/2	141,055	8 1/2	151,409	8 1/2									
8 3/4	110,209	8 3/4	120,563	8 3/4	130,917	8 3/4	141,271	8 3/4	151,625	8 3/4									
9	110,425	9	120,779	9	131,133	9	141,487	9	151,840	9									
9 1/4	110,640	9 1/4	120,994	9 1/4	131,348	9 1/4	141,702	9 1/4	152,056	9 1/4									
9 1/2	110,856	9 1/2	121,210	9 1/2	131,564	9 1/2	141,918	9 1/2	152,271	9 1/2									
9 3/4	111,072	9 3/4	121,428	9 3/4	131,780	9 3/4	142,134	9 3/4	152,486	9 3/4									
10	111,288	10	121,642	10	131,995	10	142,349	10	152,701	10									
10 1/4	111,503	10 1/4	121,857	10 1/4	132,211	10 1/4	142,565	10 1/4	152,914	10 1/4									
10 1/2	111,719	10 1/2	122,073	10 1/2	132,427	10 1/2	142,781	10 1/2	153,128	10 1/2									
10 3/4	111,935	10 3/4	122,289	10 3/4	132,643	10 3/4	142,997	10 3/4	153,338	10 3/4									
11	112,150	11	122,504	11	132,858	11	143,212	11	153,551	11									
11 1/4	112,366	11 1/4	122,720	11 1/4	133,074	11 1/4	143,428	11 1/4	153,741	11 1/4									
11 1/2	112,582	11 1/2	122,936	11 1/2	133,290	11 1/2	143,644	11 1/2	153,931	11 1/2									
11 3/4	112,799	11 3/4	123,151	11 3/4	133,505	11 3/4	143,859	11 3/4	154,121	11 3/4									

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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