

Gallons



BARGE "IB 1314"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 163'-03"

March 17, 2020

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

<http://www.pmacorp.net>



BARGE "IB 1314"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	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	105,925
1/4	305	1/4	11,348	1/4	23,283	1/4	34,967	1/4	46,733	1/4	58,628	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	23,769	3/4	35,436	3/4	47,228	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	35,675	1	47,476	1	59,370	1	71,263	1	83,118	1	95,018	1	106,916
1 1/4	609	1 1/4	12,342	1 1/4	24,258	1 1/4	35,915	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	72,600	2 1/4	84,359	2 1/4	96,257	2 1/4	108,155
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	72,984	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	49,458	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	49,706	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	74,475	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	110,388
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	64,325	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	76,698	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	29,926	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	114,600
9	8,118	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	8,615	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	69,528	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	34,478	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 NPHS 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
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BARGE "IB 1314"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,320	0	128,883	0	139,080	0	149,238	0	159,415	0	169,585	0	179,710	0	189,790	0	199,820	0	209,900
1/4	118,067	1/4	129,095	1/4	139,272	1/4	149,450	1/4	159,627	1/4	169,770	1/4	179,870	1/4	189,920	1/4	199,970	1/4	210,020
1/2	118,315	1/2	129,307	1/2	139,484	1/2	149,662	1/2	159,839	1/2	169,955	1/2	180,030	1/2	190,080	1/2	200,130	1/2	210,180
3/4	118,582	3/4	129,519	3/4	139,696	3/4	149,874	3/4	160,051	3/4	170,100	3/4	180,150	3/4	190,200	3/4	200,250	3/4	210,300
1	118,810	1	129,731	1	139,908	1	150,086	1	160,263	1	170,315	1	180,365	1	190,415	1	200,465	1	210,515
1 1/4	119,057	1 1/4	129,943	1 1/4	140,120	1 1/4	150,298	1 1/4	160,475	1 1/4	170,475	1 1/4	180,525	1 1/4	190,575	1 1/4	200,625	1 1/4	210,675
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	170,675	1 1/2	180,725	1 1/2	190,775	1 1/2	200,825	1 1/2	210,875
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	170,889	1 3/4	180,939	1 3/4	190,989	1 3/4	201,039	1 3/4	211,089
2	119,800	2	130,579	2	140,756	2	150,934	2	161,111	2	171,075	2	181,125	2	191,175	2	201,225	2	211,275
2 1/4	120,048	2 1/4	130,791	2 1/4	140,989	2 1/4	151,146	2 1/4	161,323	2 1/4	171,275	2 1/4	181,325	2 1/4	191,375	2 1/4	201,425	2 1/4	211,475
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	171,475	2 1/2	181,525	2 1/2	191,575	2 1/2	201,625	2 1/2	211,675
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	171,675	2 3/4	181,725	2 3/4	191,775	2 3/4	201,825	2 3/4	211,875
3	120,790	3	131,427	3	141,605	3	151,782	3	161,959	3	171,875	3	181,925	3	191,975	3	202,025	3	212,075
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	172,075	3 1/4	182,125	3 1/4	192,175	3 1/4	202,225	3 1/4	212,275
3 1/2	121,285	3 1/2	131,851	3 1/2	142,029	3 1/2	152,206	3 1/2	162,383	3 1/2	172,275	3 1/2	182,325	3 1/2	192,375	3 1/2	202,425	3 1/2	212,475
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	172,475	3 3/4	182,525	3 3/4	192,575	3 3/4	202,625	3 3/4	212,675
4	121,780	4	132,275	4	142,453	4	152,630	4	162,807	4	172,675	4	182,725	4	192,775	4	202,825	4	212,875
4 1/4	122,028	4 1/4	132,487	4 1/4	142,665	4 1/4	152,842	4 1/4	163,019	4 1/4	172,875	4 1/4	182,925	4 1/4	192,975	4 1/4	203,025	4 1/4	212,975
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	173,075	4 1/2	183,125	4 1/2	193,175	4 1/2	203,225	4 1/2	213,075
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	173,275	4 3/4	183,325	4 3/4	193,375	4 3/4	203,425	4 3/4	213,175
5	122,770	5	133,124	5	143,301	5	153,478	5	163,655	5	173,475	5	183,525	5	193,575	5	203,625	5	213,275
5 1/4	123,013	5 1/4	133,336	5 1/4	143,513	5 1/4	153,690	5 1/4	163,867	5 1/4	173,675	5 1/4	183,725	5 1/4	193,775	5 1/4	203,825	5 1/4	213,375
5 1/2	123,256	5 1/2	133,548	5 1/2	143,726	5 1/2	153,902	5 1/2	164,079	5 1/2	173,875	5 1/2	183,925	5 1/2	193,975	5 1/2	204,025	5 1/2	213,475
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	174,075	5 3/4	184,125	5 3/4	194,175	5 3/4	204,225	5 3/4	213,575
6	123,742	6	133,972	6	144,149	6	154,326	6	164,504	6	174,275	6	184,325	6	194,375	6	204,425	6	213,675
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	174,475	6 1/4	184,525	6 1/4	194,575	6 1/4	204,625	6 1/4	213,775
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	174,675	6 1/2	184,725	6 1/2	194,775	6 1/2	204,825	6 1/2	213,875
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	174,875	6 3/4	184,925	6 3/4	194,975	6 3/4	204,975	6 3/4	213,975
7	124,642	7	134,820	7	144,997	7	155,174	7	165,362	7	175,075	7	185,125	7	195,175	7	205,225	7	214,075
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	175,275	7 1/4	185,325	7 1/4	195,375	7 1/4	205,425	7 1/4	214,175
7 1/2	125,088	7 1/2	135,244	7 1/2	145,421	7 1/2	155,598	7 1/2	165,776	7 1/2	175,475	7 1/2	185,525	7 1/2	195,575	7 1/2	205,625	7 1/2	214,275
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	175,675	7 3/4	185,725	7 3/4	195,775	7 3/4	205,825	7 3/4	214,375
8	125,491	8	135,668	8	145,845	8	156,022	8	166,200	8	175,875	8	185,925	8	195,975	8	206,025	8	214,475
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	176,075	8 1/4	186,125	8 1/4	196,175	8 1/4	206,225	8 1/4	214,575
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	176,275	8 1/2	186,325	8 1/2	196,375	8 1/2	206,425	8 1/2	214,675
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	176,475	8 3/4	186,525	8 3/4	196,575	8 3/4	206,625	8 3/4	214,775
9	126,339	9	136,516	9	146,693	9	156,871	9	167,048	9	176,675	9	186,725	9	196,775	9	206,825	9	214,875
9 1/4	126,551	9 1/4	136,728	9 1/4	146,905	9 1/4	157,083	9 1/4	167,269	9 1/4	176,875	9 1/4	186,925	9 1/4	196,975	9 1/4	206,975	9 1/4	214,975
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	177,075	9 1/2	187,125	9 1/2	197,175	9 1/2	207,025	9 1/2	215,075
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	177,275	9 3/4	187,325	9 3/4	197,375	9 3/4	207,425	9 3/4	215,175
10	127,187	10	137,364	10	147,541	10	157,719	10	167,894	10	177,475	10	187,525	10	197,575	10	207,625	10	215,275
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	177,675	10 1/4	187,725	10 1/4	197,775	10 1/4	207,825	10 1/4	215,375
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	177,875	10 1/2	187,925	10 1/2	197,975	10 1/2	207,975	10 1/2	215,475
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	178,075	10 3/4	188,125	10 3/4	198,175	10 3/4	208,225	10 3/4	215,575
11	128,035	11	138,212	11	148,389	11	158,567	11	168,746	11	178,275	11	188,325	11	198,375	11	208,425	11	215,675
11 1/4	128,247	11 1/4	138,424	11 1/4	148,601	11 1/4	158,779	11 1/4	168,960	11 1/4	178,475	11 1/4	188,525	11 1/4	198,575	11 1/4	208,625	11 1/4	215,775
11 1/2	128,459	11 1/2	138,636	11 1/2	148,814	11 1/2	158,991	11 1/2	169,155	11 1/2	178,675	11 1/2	188,725	11 1/2	198,775	11 1/2	208,825	11 1/2	215,875
11 3/4	128,671	11 3/4	138,848	11 3/4	149,026	11 3/4	159,203	11 3/4	169,360	11 3/4	178,875	11 3/4	188,925	11 3/4	198,975	11 3/4	208,975	11 3/4	215,975

STRAPPED: 03/18/2020 CL
CALCULATED: 03/17/2020 CL
PRINTED: 03/17/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1314"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	74	0	9,443	0	19,722	0	29,842	0	40,027	0	50,308	0	60,585	0	70,865	0	81,144	0	91,423
1/4	138	1/4	9,657	1/4	19,936	1/4	30,049	1/4	40,241	1/4	50,520	1/4	60,800	1/4	71,079	1/4	81,358	1/4	91,637
1/2	202	1/2	9,871	1/2	20,150	1/2	30,257	1/2	40,455	1/2	50,734	1/2	61,014	1/2	71,293	1/2	81,572	1/2	91,852
3/4	266	3/4	10,085	3/4	20,364	3/4	30,465	3/4	40,669	3/4	50,949	3/4	61,228	3/4	71,507	3/4	81,786	3/4	92,066
1	331	1	10,299	1	20,578	1	30,673	1	40,883	1	51,183	1	61,442	1	71,721	1	82,001	1	92,280
1 1/4	478	1 1/4	10,514	1 1/4	20,792	1 1/4	30,881	1 1/4	41,090	1 1/4	51,377	1 1/4	61,666	1 1/4	71,936	1 1/4	82,215	1 1/4	92,494
1 1/2	624	1 1/2	10,728	1 1/2	21,007	1 1/2	31,089	1 1/2	41,312	1 1/2	51,591	1 1/2	61,870	1 1/2	72,190	1 1/2	82,429	1 1/2	92,708
3/4	771	3/4	10,942	3/4	21,221	3/4	31,297	3/4	41,526	3/4	51,805	3/4	62,085	3/4	72,364	3/4	82,643	3/4	92,922
2	918	2	11,156	2	21,435	2	31,505	2	41,740	2	52,019	2	62,298	2	72,578	2	82,857	2	93,136
2 1/4	1,123	2 1/4	11,370	2 1/4	21,649	2 1/4	31,713	2 1/4	41,954	2 1/4	52,234	2 1/4	62,513	2 1/4	72,792	2 1/4	83,071	2 1/4	93,351
2 1/2	1,328	2 1/2	11,584	2 1/2	21,863	2 1/2	31,920	2 1/2	42,168	2 1/2	52,448	2 1/2	62,727	2 1/2	73,006	2 1/2	83,286	2 1/2	93,566
3/4	1,533	3/4	11,798	3/4	22,077	3/4	32,128	3/4	42,383	3/4	52,662	3/4	62,941	3/4	73,220	3/4	83,500	3/4	93,779
3	1,738	3	12,013	3	22,291	3	32,336	3	42,597	3	52,876	3	63,155	3	73,435	3	83,714	3	93,993
3 1/4	1,951	3 1/4	12,227	3 1/4	22,506	3 1/4	32,546	3 1/4	42,811	3 1/4	53,090	3 1/4	63,369	3 1/4	73,648	3 1/4	83,928	3 1/4	94,207
3 1/2	2,164	3 1/2	12,441	3 1/2	22,720	3 1/2	32,755	3 1/2	43,025	3 1/2	53,304	3 1/2	63,584	3 1/2	73,863	3 1/2	84,142	3 1/2	94,421
3/4	2,378	3/4	12,655	3/4	22,934	3/4	32,965	3/4	43,239	3/4	53,518	3/4	63,798	3/4	74,077	3/4	84,356	3/4	94,636
4	2,591	4	12,869	4	23,148	4	33,174	4	43,453	4	53,733	4	64,012	4	74,291	4	84,570	4	94,850
4 1/4	2,805	4 1/4	13,083	4 1/4	23,362	4 1/4	33,388	4 1/4	43,667	4 1/4	53,947	4 1/4	64,228	4 1/4	74,505	4 1/4	84,786	4 1/4	95,064
4 1/2	3,019	4 1/2	13,297	4 1/2	23,576	4 1/2	33,602	4 1/2	43,882	4 1/2	54,161	4 1/2	64,440	4 1/2	74,719	4 1/2	84,999	4 1/2	95,278
3/4	3,233	3/4	13,512	3/4	23,790	3/4	33,816	3/4	44,096	3/4	54,375	3/4	64,654	3/4	74,934	3/4	85,213	3/4	95,492
5	3,447	5	13,726	5	24,005	5	34,031	5	44,310	5	54,589	5	64,868	5	75,148	5	85,427	5	95,706
5 1/4	3,661	5 1/4	13,940	5 1/4	24,217	5 1/4	34,245	5 1/4	44,524	5 1/4	54,803	5 1/4	65,083	5 1/4	75,362	5 1/4	85,641	5 1/4	95,920
5 1/2	3,875	5 1/2	14,154	5 1/2	24,430	5 1/2	34,459	5 1/2	44,738	5 1/2	55,018	5 1/2	65,297	5 1/2	75,576	5 1/2	85,855	5 1/2	96,135
3/4	4,089	3/4	14,368	3/4	24,642	3/4	34,673	3/4	44,952	3/4	55,232	3/4	65,511	3/4	75,790	3/4	86,069	3/4	96,349
6	4,303	6	14,582	6	24,856	6	34,887	6	45,167	6	55,446	6	65,726	6	76,004	6	86,284	6	96,563
6 1/4	4,518	6 1/4	14,796	6 1/4	25,082	6 1/4	35,101	6 1/4	45,381	6 1/4	55,660	6 1/4	65,930	6 1/4	76,219	6 1/4	86,498	6 1/4	96,777
6 1/2	4,732	6 1/2	15,011	6 1/2	25,270	6 1/2	35,316	6 1/2	45,595	6 1/2	55,874	6 1/2	66,153	6 1/2	76,433	6 1/2	86,712	6 1/2	96,991
3/4	4,946	3/4	15,225	3/4	25,477	3/4	35,530	3/4	45,809	3/4	56,088	3/4	66,368	3/4	76,647	3/4	86,928	3/4	97,205
7	5,160	7	15,439	7	25,685	7	35,744	7	46,023	7	56,302	7	66,582	7	76,861	7	87,140	7	97,420
7 1/4	5,374	7 1/4	15,653	7 1/4	25,893	7 1/4	35,958	7 1/4	46,237	7 1/4	56,517	7 1/4	66,799	7 1/4	77,075	7 1/4	87,354	7 1/4	97,634
7 1/2	5,588	7 1/2	15,867	7 1/2	26,100	7 1/2	36,172	7 1/2	46,451	7 1/2	56,731	7 1/2	67,010	7 1/2	77,289	7 1/2	87,569	7 1/2	97,848
3/4	5,802	3/4	16,081	3/4	26,308	3/4	36,386	3/4	46,665	3/4	56,945	3/4	67,224	3/4	77,503	3/4	87,783	3/4	98,062
8	6,017	8	16,295	8	26,516	8	36,600	8	46,880	8	57,169	8	67,438	8	77,718	8	87,997	8	98,276
8 1/4	6,231	8 1/4	16,510	8 1/4	26,724	8 1/4	36,815	8 1/4	47,094	8 1/4	57,373	8 1/4	67,652	8 1/4	77,932	8 1/4	88,211	8 1/4	98,490
8 1/2	6,445	8 1/2	16,724	8 1/2	26,932	8 1/2	37,029	8 1/2	47,308	8 1/2	57,587	8 1/2	67,867	8 1/2	78,146	8 1/2	88,425	8 1/2	98,704
3/4	6,659	3/4	16,938	3/4	27,139	3/4	37,243	3/4	47,522	3/4	57,801	3/4	68,081	3/4	78,360	3/4	88,639	3/4	98,919
9	6,873	9	17,152	9	27,347	9	37,457	9	47,736	9	58,016	9	68,295	9	78,574	9	88,853	9	99,133
9 1/4	7,087	9 1/4	17,366	9 1/4	27,556	9 1/4	37,671	9 1/4	47,951	9 1/4	58,230	9 1/4	68,509	9 1/4	78,788	9 1/4	89,068	9 1/4	99,347
9 1/2	7,301	9 1/2	17,580	9 1/2	27,763	9 1/2	37,885	9 1/2	48,165	9 1/2	58,444	9 1/2	68,723	9 1/2	79,002	9 1/2	89,282	9 1/2	99,561
3/4	7,516	3/4	17,794	3/4	27,971	3/4	38,100	3/4	48,379	3/4	58,658	3/4	68,937	3/4	79,217	3/4	89,496	3/4	99,775
10	7,730	10	18,009	10	28,179	10	38,314	10	48,593	10	58,872	10	69,162	10	79,417	10	89,710	10	99,989
10 1/4	7,944	10 1/4	18,223	10 1/4	28,387	10 1/4	38,528	10 1/4	48,807	10 1/4	59,086	10 1/4	69,366	10 1/4	79,645	10 1/4	89,924	10 1/4	100,203
10 1/2	8,158	10 1/2	18,437	10 1/2	28,594	10 1/2	38,742	10 1/2	49,021	10 1/2	59,301	10 1/2	69,580	10 1/2	79,859	10 1/2	90,138	10 1/2	100,418
3/4	8,372	3/4	18,651	3/4	28,802	3/4	38,956	3/4	49,235	3/4	59,515	3/4	69,794	3/4	80,073	3/4	90,353	3/4	100,632
11	8,586	11	18,865	11	29,010	11	39,170	11	49,450	11	59,729	11	70,008	11	80,287	11	90,567	11	100,846
11 1/4	8,800	11 1/4	19,079	11 1/4	29,218	11 1/4	39,384	11 1/4	49,664	11 1/4	59,943	11 1/4	70,222	11 1/4	80,502	11 1/4	90,781	11 1/4	101,060
11 1/2	9,015	11 1/2	19,293	11 1/2	29,426	11 1/2	39,599	11 1/2	49,878	11 1/2	60,157	11 1/2	70,436	11 1/2	80,716	11 1/2	90,995	11 1/2	101,274
3/4	9,229	3/4	19,508	3/4	29,634	3/4	39,813	3/4	50,092	3/4	60,371	3/4	70,651	3/4	80,830	3/4	91,209	3/4	101,488

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



BARGE "IB 1314"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	101,703	0	111,982	0	122,261	0	132,540	0	142,820	0	153,100	0	163,380	0	173,660	0	183,940	0	194,220
1/4	101,917	1/4	112,196	1/4	122,475	1/4	132,755	1/4	143,034	1/4	153,314	1/4	163,594	1/4	173,874	1/4	184,154	1/4	194,434
1/2	102,131	1/2	112,410	1/2	122,689	1/2	132,969	1/2	143,248	1/2	153,528	1/2	163,808	1/2	174,088	1/2	184,368	1/2	194,648
3/4	102,345	3/4	112,624	3/4	122,904	3/4	133,183	3/4	143,462	3/4	153,742	3/4	164,022	3/4	174,302	3/4	184,582	3/4	194,862
1	102,559	1	112,838	1	123,118	1	133,397	1	143,676	1	153,956	1	164,236	1	174,516	1	184,796	1	195,076
1 1/4	102,773	1 1/4	113,053	1 1/4	123,332	1 1/4	133,611	1 1/4	143,890	1 1/4	154,170	1 1/4	164,450	1 1/4	174,730	1 1/4	185,010	1 1/4	195,290
1 1/2	102,987	1 1/2	113,267	1 1/2	123,546	1 1/2	133,826	1 1/2	144,105	1 1/2	154,385	1 1/2	164,665	1 1/2	174,945	1 1/2	185,225	1 1/2	195,505
1 3/4	103,202	1 3/4	113,481	1 3/4	123,760	1 3/4	134,039	1 3/4	144,319	1 3/4	154,599	1 3/4	164,879	1 3/4	175,159	1 3/4	185,439	1 3/4	195,719
2	103,416	2	113,695	2	123,974	2	134,254	2	144,533	2	154,813	2	165,093	2	175,373	2	185,653	2	195,933
2 1/4	103,630	2 1/4	113,909	2 1/4	124,188	2 1/4	134,468	2 1/4	144,747	2 1/4	155,027	2 1/4	165,307	2 1/4	175,587	2 1/4	185,867	2 1/4	196,147
2 1/2	103,844	2 1/2	114,123	2 1/2	124,403	2 1/2	134,688	2 1/2	144,961	2 1/2	155,240	2 1/2	165,520	2 1/2	175,800	2 1/2	186,080	2 1/2	196,360
2 3/4	104,058	2 3/4	114,337	2 3/4	124,617	2 3/4	134,898	2 3/4	145,175	2 3/4	155,455	2 3/4	165,735	2 3/4	176,015	2 3/4	186,295	2 3/4	196,575
3	104,272	3	114,552	3	124,831	3	135,110	3	145,399	3	155,679	3	165,959	3	176,239	3	186,519	3	196,799
3 1/4	104,487	3 1/4	114,766	3 1/4	125,045	3 1/4	135,324	3 1/4	145,604	3 1/4	155,884	3 1/4	166,164	3 1/4	176,444	3 1/4	186,724	3 1/4	197,004
3 1/2	104,701	3 1/2	114,980	3 1/2	125,259	3 1/2	135,539	3 1/2	145,818	3 1/2	156,098	3 1/2	166,378	3 1/2	176,658	3 1/2	186,938	3 1/2	197,218
3 3/4	104,915	3 3/4	115,194	3 3/4	125,473	3 3/4	135,763	3 3/4	146,032	3 3/4	156,312	3 3/4	166,592	3 3/4	176,872	3 3/4	187,152	3 3/4	197,432
4	105,129	4	115,408	4	125,688	4	135,987	4	146,246	4	156,526	4	166,806	4	177,086	4	187,366	4	197,646
4 1/4	105,343	4 1/4	115,622	4 1/4	125,902	4 1/4	136,181	4 1/4	146,460	4 1/4	156,740	4 1/4	167,020	4 1/4	177,300	4 1/4	187,580	4 1/4	197,860
4 1/2	105,557	4 1/2	115,837	4 1/2	126,116	4 1/2	136,395	4 1/2	146,674	4 1/2	156,954	4 1/2	167,234	4 1/2	177,514	4 1/2	187,794	4 1/2	198,074
4 3/4	105,771	4 3/4	116,051	4 3/4	126,330	4 3/4	136,609	4 3/4	146,889	4 3/4	157,169	4 3/4	167,454	4 3/4	177,734	4 3/4	188,014	4 3/4	198,294
5	105,986	5	116,265	5	126,544	5	136,823	5	147,103	5	157,383	5	167,663	5	177,943	5	188,223	5	198,503
5 1/4	106,200	5 1/4	116,479	5 1/4	126,758	5 1/4	137,038	5 1/4	147,317	5 1/4	157,597	5 1/4	167,877	5 1/4	178,157	5 1/4	188,437	5 1/4	198,717
5 1/2	106,414	5 1/2	116,693	5 1/2	126,972	5 1/2	137,252	5 1/2	147,531	5 1/2	157,811	5 1/2	168,091	5 1/2	178,371	5 1/2	188,651	5 1/2	198,931
5 3/4	106,628	5 3/4	116,907	5 3/4	127,187	5 3/4	137,466	5 3/4	147,745	5 3/4	158,025	5 3/4	168,305	5 3/4	178,585	5 3/4	188,865	5 3/4	199,145
6	106,842	6	117,121	6	127,401	6	137,680	6	147,959	6	158,239	6	168,519	6	178,799	6	189,079	6	199,359
6 1/4	107,056	6 1/4	117,336	6 1/4	127,615	6 1/4	137,894	6 1/4	148,173	6 1/4	158,453	6 1/4	168,733	6 1/4	179,013	6 1/4	189,293	6 1/4	199,573
6 1/2	107,270	6 1/2	117,550	6 1/2	127,829	6 1/2	138,108	6 1/2	148,388	6 1/2	158,668	6 1/2	168,948	6 1/2	179,228	6 1/2	189,508	6 1/2	199,793
6 3/4	107,485	6 3/4	117,764	6 3/4	128,043	6 3/4	138,322	6 3/4	148,602	6 3/4	158,882	6 3/4	169,162	6 3/4	179,442	6 3/4	189,722	6 3/4	200,003
7	107,699	7	117,978	7	128,257	7	138,537	7	148,816	7	159,096	7	169,376	7	179,656	7	189,936	7	200,217
7 1/4	107,913	7 1/4	118,192	7 1/4	128,472	7 1/4	138,751	7 1/4	149,030	7 1/4	159,310	7 1/4	169,590	7 1/4	179,870	7 1/4	190,150	7 1/4	200,431
7 1/2	108,127	7 1/2	118,406	7 1/2	128,686	7 1/2	138,965	7 1/2	149,244	7 1/2	160,524	7 1/2	170,804	7 1/2	181,084	7 1/2	191,364	7 1/2	200,645
7 3/4	108,341	7 3/4	118,621	7 3/4	128,900	7 3/4	139,179	7 3/4	149,463	7 3/4	160,744	7 3/4	171,024	7 3/4	181,304	7 3/4	191,584	7 3/4	200,859
8	108,555	8	118,835	8	129,114	8	139,393	8	149,673	8	161,024	8	171,304	8	181,584	8	191,864	8	201,143
8 1/4	108,770	8 1/4	119,049	8 1/4	129,328	8 1/4	139,607	8 1/4	149,887	8 1/4	161,244	8 1/4	171,524	8 1/4	181,804	8 1/4	192,084	8 1/4	201,357
8 1/2	108,984	8 1/2	119,263	8 1/2	129,542	8 1/2	139,822	8 1/2	150,101	8 1/2	161,364	8 1/2	171,644	8 1/2	181,924	8 1/2	192,204	8 1/2	201,481
8 3/4	109,198	8 3/4	119,477	8 3/4	129,756	8 3/4	140,036	8 3/4	150,315	8 3/4	161,484	8 3/4	171,764	8 3/4	182,044	8 3/4	192,324	8 3/4	201,605
9	109,412	9	119,691	9	129,971	9	140,250	9	150,529	9	161,604	9	171,884	9	182,164	9	192,444	9	201,729
9 1/4	109,626	9 1/4	119,905	9 1/4	130,185	9 1/4	140,464	9 1/4	150,743	9 1/4	161,724	9 1/4	172,004	9 1/4	182,284	9 1/4	192,564	9 1/4	201,853
9 1/2	109,840	9 1/2	120,120	9 1/2	130,399	9 1/2	140,678	9 1/2	150,966	9 1/2	161,844	9 1/2	172,124	9 1/2	182,404	9 1/2	192,684	9 1/2	201,977
9 3/4	110,054	9 3/4	120,334	9 3/4	130,613	9 3/4	140,892	9 3/4	151,170	9 3/4	162,024	9 3/4	172,304	9 3/4	182,584	9 3/4	192,864	9 3/4	202,001
10	110,268	10	120,548	10	130,827	10	141,108	10	151,384	10	162,244	10	172,524	10	182,804	10	193,084	10	202,125
10 1/4	110,483	10 1/4	120,762	10 1/4	131,041	10 1/4	141,321	10 1/4	151,655	10 1/4	162,364	10 1/4	172,644	10 1/4	182,924	10 1/4	193,204	10 1/4	202,249
10 1/2	110,697	10 1/2	120,976	10 1/2	131,255	10 1/2	141,535	10 1/2	151,868	10 1/2	162,484	10 1/2	172,764	10 1/2	183,044	10 1/2	193,324	10 1/2	202,373
10 3/4	110,911	10 3/4	121,190	10 3/4	131,470	10 3/4	141,749	10 3/4	152,082	10 3/4	162,604	10 3/4	173,044	10 3/4	183,324	10 3/4	193,604	10 3/4	202,497
11	111,125	11	121,404	11	131,684	11	141,963	11	152,227	11	162,724	11	173,004	11	183,284	11	193,564	11	202,621
11 1/4	111,339	11 1/4	121,619	11 1/4	131,898	11 1/4	142,177	11 1/4	152,416	11 1/4	162,844	11 1/4	173,124	11 1/4	183,404	11 1/4	193,684	11 1/4	202,745
11 1/2	111,554	11 1/2	121,833	11 1/2	132,112	11 1/2	142,391	11 1/2	152,604	11 1/2	163,024	11 1/2	173,304	11 1/2	183,584	11 1/2	193,864	11 1/2	202,869
11 3/4	111,768	11 3/4	122,047	11 3/4	132,326	11 3/4	142,606	11 3/4	152,793	11 3/4	163,144	11 3/4	173,424	11 3/4	183,704	11 3/4	193,984	11 3/4	202,993

STRAPPED: 03/10/2020 CL
CALCULATED: 03/17/2020 CL
PRINTED: 03/17/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2882
Pearland, Texas 77588
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BARGE "IB 1314"

3 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	9,504	0	19,849	0	30,171	0	40,504	0	50,850	0	61,196	0	71,542	0	81,887	0	92,233
1/4	130	1/4	9,719	1/4	20,065	1/4	30,385	1/4	40,720	1/4	51,065	1/4	61,411	1/4	71,757	1/4	82,103	1/4	92,449
1/2	203	1/2	9,935	1/2	20,280	1/2	30,600	1/2	40,935	1/2	51,281	1/2	61,627	1/2	71,973	1/2	82,319	1/2	92,664
3/4	268	3/4	10,150	3/4	20,496	3/4	30,814	3/4	41,151	3/4	51,488	3/4	61,824	3/4	72,162	3/4	82,504	3/4	92,880
1	333	1	10,366	1	20,711	1	31,029	1	41,366	1	51,712	1	62,058	1	72,404	1	82,750	1	93,096
1 1/4	480	1 1/4	10,581	1 1/4	20,927	1 1/4	31,243	1 1/4	41,582	1 1/4	51,928	1 1/4	62,273	1 1/4	72,619	1 1/4	82,965	1 1/4	93,311
1 1/2	628	1 1/2	10,797	1 1/2	21,142	1 1/2	31,458	1 1/2	41,797	1 1/2	52,143	1 1/2	62,489	1 1/2	72,835	1 1/2	83,181	1 1/2	93,527
1 3/4	776	1 3/4	11,012	1 3/4	21,358	1 3/4	31,673	1 3/4	42,013	1 3/4	52,359	1 3/4	62,705	1 3/4	73,050	1 3/4	83,398	1 3/4	93,742
2	924	2	11,228	2	21,573	2	31,887	2	42,228	2	52,574	2	62,920	2	73,266	2	83,612	2	93,958
2 1/4	1,130	2 1/4	11,444	2 1/4	21,789	2 1/4	32,102	2 1/4	42,444	2 1/4	52,790	2 1/4	63,136	2 1/4	73,481	2 1/4	83,827	2 1/4	94,173
2 1/2	1,336	2 1/2	11,659	2 1/2	22,004	2 1/2	32,317	2 1/2	42,659	2 1/2	53,005	2 1/2	63,351	2 1/2	73,697	2 1/2	84,043	2 1/2	94,389
2 3/4	1,543	2 3/4	11,875	2 3/4	22,220	2 3/4	32,532	2 3/4	42,875	2 3/4	53,221	2 3/4	63,587	2 3/4	73,913	2 3/4	84,258	2 3/4	94,604
3	1,749	3	12,090	3	22,436	3	32,747	3	43,090	3	53,436	3	63,782	3	74,128	3	84,474	3	94,820
3 1/4	1,953	3 1/4	12,306	3 1/4	22,651	3 1/4	32,962	3 1/4	43,306	3 1/4	53,652	3 1/4	63,998	3 1/4	74,344	3 1/4	84,689	3 1/4	95,035
3 1/2	2,178	3 1/2	12,521	3 1/2	22,867	3 1/2	33,177	3 1/2	43,522	3 1/2	53,867	3 1/2	64,213	3 1/2	74,559	3 1/2	84,905	3 1/2	95,251
3 3/4	2,393	3 3/4	12,737	3 3/4	23,082	3 3/4	33,392	3 3/4	43,737	3 3/4	54,083	3 3/4	64,429	3 3/4	74,775	3 3/4	85,121	3 3/4	95,466
4	2,608	4	12,952	4	23,298	4	33,607	4	43,953	4	54,298	4	64,644	4	74,990	4	85,336	4	95,682
4 1/4	2,823	4 1/4	13,168	4 1/4	23,513	4 1/4	33,822	4 1/4	44,168	4 1/4	54,514	4 1/4	64,860	4 1/4	75,206	4 1/4	85,552	4 1/4	95,897
4 1/2	3,038	4 1/2	13,383	4 1/2	23,729	4 1/2	34,038	4 1/2	44,384	4 1/2	54,730	4 1/2	65,075	4 1/2	75,421	4 1/2	85,767	4 1/2	96,113
4 3/4	3,254	4 3/4	13,599	4 3/4	23,944	4 3/4	34,253	4 3/4	44,599	4 3/4	54,945	4 3/4	65,291	4 3/4	75,637	4 3/4	85,983	4 3/4	96,329
5	3,469	5	13,814	5	24,160	5	34,469	5	44,815	5	55,161	5	65,507	5	75,852	5	86,198	5	96,544
5 1/4	3,684	5 1/4	14,030	5 1/4	24,375	5 1/4	34,684	5 1/4	45,030	5 1/4	55,376	5 1/4	65,722	5 1/4	76,068	5 1/4	86,414	5 1/4	96,760
5 1/2	3,900	5 1/2	14,245	5 1/2	24,590	5 1/2	34,900	5 1/2	45,246	5 1/2	55,592	5 1/2	65,938	5 1/2	76,283	5 1/2	86,629	5 1/2	96,975
5 3/4	4,118	5 3/4	14,461	5 3/4	24,806	5 3/4	35,118	5 3/4	45,461	5 3/4	55,807	5 3/4	66,153	5 3/4	76,499	5 3/4	86,845	5 3/4	97,191
6	4,331	6	14,676	6	25,021	6	35,331	6	45,677	6	56,023	6	66,369	6	76,715	6	87,061	6	97,406
6 1/4	4,547	6 1/4	14,892	6 1/4	25,235	6 1/4	35,547	6 1/4	45,892	6 1/4	56,238	6 1/4	66,584	6 1/4	76,930	6 1/4	87,276	6 1/4	97,622
6 1/2	4,762	6 1/2	15,108	6 1/2	25,450	6 1/2	35,762	6 1/2	46,108	6 1/2	56,454	6 1/2	66,800	6 1/2	77,146	6 1/2	87,491	6 1/2	97,837
6 3/4	4,978	6 3/4	15,323	6 3/4	25,665	6 3/4	35,978	6 3/4	46,324	6 3/4	56,669	6 3/4	67,015	6 3/4	77,361	6 3/4	87,707	6 3/4	98,053
7	5,193	7	15,539	7	25,879	7	36,193	7	46,539	7	56,885	7	67,231	7	77,577	7	87,923	7	98,268
7 1/4	5,409	7 1/4	15,754	7 1/4	26,094	7 1/4	36,409	7 1/4	46,755	7 1/4	57,100	7 1/4	67,446	7 1/4	77,792	7 1/4	88,138	7 1/4	98,484
7 1/2	5,624	7 1/2	15,970	7 1/2	26,308	7 1/2	36,624	7 1/2	46,970	7 1/2	57,316	7 1/2	67,662	7 1/2	78,008	7 1/2	88,364	7 1/2	98,699
7 3/4	5,840	7 3/4	16,185	7 3/4	26,523	7 3/4	36,840	7 3/4	47,186	7 3/4	57,532	7 3/4	67,877	7 3/4	78,223	7 3/4	88,589	7 3/4	98,915
8	6,055	8	16,401	8	26,737	8	37,055	8	47,401	8	57,747	8	68,093	8	78,439	8	88,785	8	99,131
8 1/4	6,271	8 1/4	16,616	8 1/4	26,952	8 1/4	37,271	8 1/4	47,617	8 1/4	57,963	8 1/4	68,309	8 1/4	78,654	8 1/4	89,000	8 1/4	99,346
8 1/2	6,486	8 1/2	16,832	8 1/2	27,167	8 1/2	37,486	8 1/2	47,832	8 1/2	58,178	8 1/2	68,524	8 1/2	78,870	8 1/2	89,216	8 1/2	99,562
8 3/4	6,702	8 3/4	17,047	8 3/4	27,381	8 3/4	37,702	8 3/4	48,048	8 3/4	58,394	8 3/4	68,740	8 3/4	79,085	8 3/4	89,431	8 3/4	99,777
9	6,917	9	17,263	9	27,596	9	37,918	9	48,263	9	58,609	9	68,955	9	79,301	9	89,647	9	99,993
9 1/4	7,133	9 1/4	17,478	9 1/4	27,810	9 1/4	38,133	9 1/4	48,479	9 1/4	58,825	9 1/4	69,171	9 1/4	79,517	9 1/4	89,862	9 1/4	100,208
9 1/2	7,348	9 1/2	17,694	9 1/2	28,025	9 1/2	38,349	9 1/2	48,694	9 1/2	59,040	9 1/2	69,386	9 1/2	79,732	9 1/2	90,078	9 1/2	100,424
9 3/4	7,564	9 3/4	17,909	9 3/4	28,239	9 3/4	38,564	9 3/4	48,910	9 3/4	59,256	9 3/4	69,602	9 3/4	79,948	9 3/4	90,293	9 3/4	100,639
10	7,779	10	18,125	10	28,454	10	38,780	10	49,125	10	59,471	10	69,817	10	80,163	10	90,509	10	100,855
10 1/4	7,995	10 1/4	18,340	10 1/4	28,669	10 1/4	38,995	10 1/4	49,341	10 1/4	59,687	10 1/4	70,033	10 1/4	80,379	10 1/4	90,725	10 1/4	101,070
10 1/2	8,211	10 1/2	18,556	10 1/2	28,883	10 1/2	39,211	10 1/2	49,557	10 1/2	59,903	10 1/2	70,248	10 1/2	80,594	10 1/2	90,940	10 1/2	101,286
10 3/4	8,426	10 3/4	18,772	10 3/4	29,098	10 3/4	39,426	10 3/4	49,772	10 3/4	60,118	10 3/4	70,464	10 3/4	80,810	10 3/4	91,156	10 3/4	101,501
11	8,642	11	18,987	11	29,312	11	39,642	11	49,988	11	60,334	11	70,679	11	81,025	11	91,371	11	101,717
11 1/4	8,857	11 1/4	19,203	11 1/4	29,527	11 1/4	39,857	11 1/4	50,203	11 1/4	60,549	11 1/4	70,895	11 1/4	81,241	11 1/4	91,587	11 1/4	101,933
11 1/2	9,073	11 1/2	19,418	11 1/2	29,741	11 1/2	40,073	11 1/2	50,419	11 1/2	60,765	11 1/2	71,111	11 1/2	81,456	11 1/2	91,802	11 1/2	102,148
11 3/4	9,288	11 3/4	19,634	11 3/4	29,956	11 3/4	40,288	11 3/4	50,634	11 3/4	60,980	11 3/4	71,326	11 3/4	81,672	11 3/4	92,018	11 3/4	102,364

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
 http://www.pmacorp.net



BARGE "IB 1314"

3 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	102,579	0	112,925	0	123,271	0	133,617	0	143,963	0	154,309	0	164,655	0	175,001	0	185,347	0	195,693
1/4	102,795	1/4	113,141	1/4	123,486	1/4	133,832	1/4	144,178	1/4	154,524	1/4	164,870	1/4	175,216	1/4	185,562	1/4	195,908
1/2	103,010	1/2	113,356	1/2	123,702	1/2	134,048	1/2	144,394	1/2	154,740	1/2	165,086	1/2	175,432	1/2	185,778	1/2	196,124
3/4	103,226	3/4	113,572	3/4	123,917	3/4	134,263	3/4	144,609	3/4	154,955	3/4	165,301	3/4	175,647	3/4	185,993	3/4	196,339
1	103,441	1	113,787	1	124,133	1	134,479	1	144,825	1	155,171	1	165,517	1	175,863	1	186,209	1	196,555
1 1/4	103,657	1 1/4	114,003	1 1/4	124,349	1 1/4	134,694	1 1/4	145,040	1 1/4	155,386	1 1/4	165,732	1 1/4	176,078	1 1/4	186,424	1 1/4	196,770
1 1/2	103,872	1 1/2	114,218	1 1/2	124,564	1 1/2	134,910	1 1/2	145,256	1 1/2	155,602	1 1/2	165,948	1 1/2	176,294	1 1/2	186,640	1 1/2	196,986
3/4	104,088	3/4	114,434	3/4	124,780	3/4	135,126	3/4	145,471	3/4	155,817	3/4	166,163	3/4	176,509	3/4	186,855	3/4	197,201
2	104,303	2	114,649	2	124,995	2	135,341	2	145,687	2	156,033	2	166,379	2	176,725	2	187,071	2	197,417
1 1/4	104,519	1 1/4	114,865	1 1/4	125,211	1 1/4	135,557	1 1/4	145,902	1 1/4	156,248	1 1/4	166,594	1 1/4	176,940	1 1/4	187,286	1 1/4	197,632
1 1/2	104,735	1 1/2	115,080	1 1/2	125,426	1 1/2	135,772	1 1/2	146,118	1 1/2	156,464	1 1/2	166,810	1 1/2	177,156	1 1/2	187,502	1 1/2	197,878
3/4	104,950	3/4	115,296	3/4	125,642	3/4	135,988	3/4	146,334	3/4	156,680	3/4	167,026	3/4	177,372	3/4	187,718	3/4	198,124
3	105,166	3	115,511	3	125,857	3	136,203	3	146,549	3	156,895	3	167,241	3	177,587	3	187,933	3	198,339
1 1/4	105,381	1 1/4	115,727	1 1/4	126,073	1 1/4	136,419	1 1/4	146,765	1 1/4	157,111	1 1/4	167,457	1 1/4	177,793	1 1/4	188,139	1 1/4	198,555
1 1/2	105,597	1 1/2	115,943	1 1/2	126,288	1 1/2	136,634	1 1/2	146,980	1 1/2	157,326	1 1/2	167,663	1 1/2	178,009	1 1/2	188,355	1 1/2	198,771
3/4	105,812	3/4	116,158	3/4	126,504	3/4	136,850	3/4	147,196	3/4	157,542	3/4	167,879	3/4	178,225	3/4	188,571	3/4	199,087
4	106,028	4	116,374	4	126,719	4	137,065	4	147,411	4	157,758	4	168,094	4	178,430	4	188,766	4	199,403
1 1/4	106,243	1 1/4	116,589	1 1/4	126,935	1 1/4	137,281	1 1/4	147,627	1 1/4	157,974	1 1/4	168,300	1 1/4	178,636	1 1/4	188,972	1 1/4	199,719
1 1/2	106,459	1 1/2	116,805	1 1/2	127,151	1 1/2	137,496	1 1/2	147,842	1 1/2	158,120	1 1/2	168,496	1 1/2	178,832	1 1/2	189,168	1 1/2	199,935
3/4	106,674	3/4	117,020	3/4	127,366	3/4	137,712	3/4	148,058	3/4	158,334	3/4	168,650	3/4	178,986	3/4	189,312	3/4	200,151
5	106,890	5	117,236	5	127,582	5	137,928	5	148,273	5	158,549	5	168,861	5	179,197	5	189,523	5	200,370
1 1/4	107,105	1 1/4	117,451	1 1/4	127,797	1 1/4	138,143	1 1/4	148,489	1 1/4	158,765	1 1/4	169,087	1 1/4	179,409	1 1/4	189,731	1 1/4	200,589
1 1/2	107,321	1 1/2	117,667	1 1/2	128,013	1 1/2	138,359	1 1/2	148,704	1 1/2	159,030	1 1/2	169,352	1 1/2	179,674	1 1/2	189,996	1 1/2	200,808
3/4	107,537	3/4	117,882	3/4	128,228	3/4	138,574	3/4	148,920	3/4	159,246	3/4	169,568	3/4	179,890	3/4	190,212	3/4	201,027
6	107,752	6	118,098	6	128,444	6	138,790	6	149,136	6	159,462	6	169,784	6	180,106	6	190,428	6	201,246
1 1/4	107,968	1 1/4	118,313	1 1/4	128,659	1 1/4	139,005	1 1/4	149,351	1 1/4	159,677	1 1/4	169,999	1 1/4	180,321	1 1/4	190,643	1 1/4	201,465
1 1/2	108,183	1 1/2	118,529	1 1/2	128,875	1 1/2	139,221	1 1/2	149,567	1 1/2	159,893	1 1/2	170,215	1 1/2	180,537	1 1/2	190,859	1 1/2	201,683
3/4	108,399	3/4	118,745	3/4	129,090	3/4	139,436	3/4	149,782	3/4	160,019	3/4	170,341	3/4	180,663	3/4	190,985	3/4	201,901
7	108,614	7	118,960	7	129,306	7	139,652	7	149,998	7	160,233	7	170,555	7	180,877	7	191,199	7	202,119
1 1/4	108,830	1 1/4	119,176	1 1/4	129,522	1 1/4	139,867	1 1/4	150,213	1 1/4	160,447	1 1/4	170,769	1 1/4	181,091	1 1/4	191,413	1 1/4	202,337
1 1/2	109,045	1 1/2	119,391	1 1/2	129,737	1 1/2	140,083	1 1/2	150,429	1 1/2	160,663	1 1/2	170,985	1 1/2	181,307	1 1/2	191,629	1 1/2	202,555
3/4	109,261	3/4	119,607	3/4	129,953	3/4	140,299	3/4	150,644	3/4	160,874	3/4	171,206	3/4	181,521	3/4	191,845	3/4	202,771
8	109,476	8	119,822	8	130,168	8	140,514	8	150,860	8	161,089	8	171,411	8	181,733	8	192,055	8	202,987
1 1/4	109,692	1 1/4	120,038	1 1/4	130,384	1 1/4	140,730	1 1/4	151,075	1 1/4	161,304	1 1/4	171,626	1 1/4	181,948	1 1/4	192,270	1 1/4	203,203
1 1/2	109,907	1 1/2	120,253	1 1/2	130,599	1 1/2	140,945	1 1/2	151,291	1 1/2	161,519	1 1/2	171,841	1 1/2	182,163	1 1/2	192,485	1 1/2	203,419
3/4	110,123	3/4	120,469	3/4	130,815	3/4	141,161	3/4	151,506	3/4	161,741	3/4	172,063	3/4	182,385	3/4	192,707	3/4	203,635
9	110,339	9	120,684	9	131,030	9	141,376	9	151,722	9	162,067	9	172,389	9	182,711	9	193,029	9	203,851
1 1/4	110,554	1 1/4	120,900	1 1/4	131,246	1 1/4	141,592	1 1/4	151,937	1 1/4	162,282	1 1/4	172,604	1 1/4	182,926	1 1/4	193,245	1 1/4	204,067
1 1/2	110,770	1 1/2	121,115	1 1/2	131,461	1 1/2	141,807	1 1/2	152,152	1 1/2	162,527	1 1/2	172,849	1 1/2	183,171	1 1/2	193,463	1 1/2	204,283
3/4	110,985	3/4	121,331	3/4	131,677	3/4	142,023	3/4	152,367	3/4	162,771	3/4	173,093	3/4	183,415	3/4	193,679	3/4	204,500
10	111,201	10	121,547	10	131,892	10	142,238	10	152,602	10	163,015	10	173,327	10	183,639	10	193,895	10	204,717
1 1/4	111,416	1 1/4	121,762	1 1/4	132,108	1 1/4	142,454	1 1/4	152,794	1 1/4	163,259	1 1/4	173,541	1 1/4	183,853	1 1/4	194,111	1 1/4	204,933
1 1/2	111,632	1 1/2	121,978	1 1/2	132,324	1 1/2	142,669	1 1/2	153,007	1 1/2	163,473	1 1/2	173,753	1 1/2	184,065	1 1/2	194,327	1 1/2	205,150
3/4	111,847	3/4	122,193	3/4	132,539	3/4	142,885	3/4	153,219	3/4	163,688	3/4	173,965	3/4	184,271	3/4	194,533	3/4	205,367
11	112,063	11	122,409	11	132,755	11	143,100	11	153,431	11	163,909	11	174,177	11	184,489	11	194,745	11	205,583
1 1/4	112,278	1 1/4	122,624	1 1/4	132,970	1 1/4	143,316	1 1/4	153,621	1 1/4	164,124	1 1/4	174,391	1 1/4	184,693	1 1/4	194,951	1 1/4	205,799
1 1/2	112,494	1 1/2	122,840	1 1/2	133,186	1 1/2	143,532	1 1/2	153,811	1 1/2	164,339	1 1/2	174,607	1 1/2	184,909	1 1/2	195,167	1 1/2	206,015
3/4	112,709	3/4	123,055	3/4	133,401	3/4	143,747	3/4	154,001	3/4	164,554	3/4	174,822	3/4	185,123	3/4	195,383	3/4	206,231

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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