

Gallons



BARGE "IB 1312"

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	01-1/4	- 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 - 00-1/2"
 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"

September 18, 2019

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

<http://www.pmacorp.net>



BARGE "IB 1312"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	230	0	11,107	0	23,031	0	34,742	0	46,516	0	58,418	0	70,320	0	82,183	0	94,080	0	105,996
1/4	305	1/4	11,356	1/4	23,279	1/4	34,981	1/4	46,764	1/4	58,666	1/4	70,568	1/4	82,432	1/4	94,338	1/4	106,244
1/2	379	1/2	11,604	1/2	23,527	1/2	35,221	1/2	47,012	1/2	58,914	1/2	70,816	1/2	82,680	1/2	94,586	1/2	106,492
3/4	454	3/4	11,853	3/4	23,775	3/4	35,469	3/4	47,260	3/4	59,162	3/4	71,064	3/4	82,928	3/4	94,834	3/4	106,741
1	529	1	12,101	1	24,023	1	35,700	1	47,508	1	59,410	1	71,312	1	83,176	1	95,082	1	106,989
1/4	699	1/4	12,350	1/4	24,271	1/4	35,939	1/4	47,756	1/4	59,658	1/4	71,559	1/4	83,424	1/4	95,330	1/4	107,237
1/2	870	1/2	12,599	1/2	24,519	1/2	36,179	1/2	48,004	1/2	59,906	1/2	71,807	1/2	83,672	1/2	95,578	1/2	107,485
3/4	1,040	3/4	12,847	3/4	24,768	3/4	36,418	3/4	48,252	3/4	60,154	3/4	72,056	3/4	83,920	3/4	95,826	3/4	107,733
2	1,211	2	13,096	2	25,016	2	36,658	2	48,500	2	60,402	2	72,303	2	84,168	2	96,074	2	107,981
1/4	1,489	1/4	13,344	1/4	25,264	1/4	36,897	1/4	48,748	1/4	60,650	1/4	72,550	1/4	84,416	1/4	96,322	1/4	108,229
1/2	1,686	1/2	13,593	1/2	25,512	1/2	37,137	1/2	48,996	1/2	60,898	1/2	72,797	1/2	84,664	1/2	96,570	1/2	108,477
3/4	1,924	3/4	13,842	3/4	25,760	3/4	37,376	3/4	49,244	3/4	61,146	3/4	73,044	3/4	84,912	3/4	96,818	3/4	108,725
3	2,162	3	14,090	3	26,008	3	37,616	3	49,492	3	61,394	3	73,291	3	85,160	3	97,067	3	108,973
1/4	2,410	1/4	14,339	1/4	26,256	1/4	37,857	1/4	49,740	1/4	61,642	1/4	73,538	1/4	85,408	1/4	97,315	1/4	109,221
1/2	2,657	1/2	14,587	1/2	26,504	1/2	38,099	1/2	49,988	1/2	61,889	1/2	73,785	1/2	85,656	1/2	97,563	1/2	109,469
3/4	2,905	3/4	14,836	3/4	26,752	3/4	38,340	3/4	50,236	3/4	62,137	3/4	74,032	3/4	85,904	3/4	97,811	3/4	109,717
4	3,153	4	15,084	4	27,000	4	38,582	4	50,484	4	62,385	4	74,278	4	86,152	4	98,059	4	109,965
1/4	3,401	1/4	15,333	1/4	27,249	1/4	38,830	1/4	50,732	1/4	62,633	1/4	74,525	1/4	86,400	1/4	98,307	1/4	110,213
1/2	3,649	1/2	15,581	1/2	27,497	1/2	39,078	1/2	50,980	1/2	62,881	1/2	74,772	1/2	86,648	1/2	98,555	1/2	110,461
3/4	3,898	3/4	15,830	3/4	27,745	3/4	39,326	3/4	51,228	3/4	63,129	3/4	75,019	3/4	86,896	3/4	98,803	3/4	110,709
5	4,146	5	16,078	5	27,993	5	39,574	5	51,475	5	63,377	5	75,266	5	87,144	5	99,051	5	110,957
1/4	4,395	1/4	16,327	1/4	28,239	1/4	39,822	1/4	51,723	1/4	63,625	1/4	75,513	1/4	87,393	1/4	99,299	1/4	111,205
1/2	4,643	1/2	16,576	1/2	28,486	1/2	40,070	1/2	51,971	1/2	63,873	1/2	75,760	1/2	87,641	1/2	99,547	1/2	111,453
3/4	4,892	3/4	16,824	3/4	28,732	3/4	40,318	3/4	52,219	3/4	64,121	3/4	76,007	3/4	87,889	3/4	99,795	3/4	111,702
6	5,141	6	17,073	6	28,979	6	40,566	6	52,467	6	64,369	6	76,254	6	88,137	6	100,043	6	111,950
1/4	5,389	1/4	17,321	1/4	29,220	1/4	40,813	1/4	52,715	1/4	64,617	1/4	76,501	1/4	88,385	1/4	100,291	1/4	112,198
1/2	5,638	1/2	17,570	1/2	29,462	1/2	41,061	1/2	52,963	1/2	64,865	1/2	76,748	1/2	88,633	1/2	100,539	1/2	112,446
3/4	5,886	3/4	17,819	3/4	29,704	3/4	41,309	3/4	53,211	3/4	65,113	3/4	76,995	3/4	88,881	3/4	100,787	3/4	112,694
7	6,135	7	18,067	7	29,945	7	41,557	7	53,459	7	65,361	7	77,242	7	89,129	7	101,035	7	112,942
1/4	6,384	1/4	18,316	1/4	30,186	1/4	41,805	1/4	53,707	1/4	65,609	1/4	77,489	1/4	89,377	1/4	101,283	1/4	113,190
1/2	6,632	1/2	18,564	1/2	30,428	1/2	42,053	1/2	53,955	1/2	65,857	1/2	77,736	1/2	89,625	1/2	101,531	1/2	113,438
3/4	6,881	3/4	18,813	3/4	30,669	3/4	42,301	3/4	54,203	3/4	66,105	3/4	77,983	3/4	89,873	3/4	101,779	3/4	113,686
8	7,129	8	19,061	8	30,910	8	42,549	8	54,451	8	66,353	8	78,230	8	90,121	8	102,028	8	113,934
1/4	7,378	1/4	19,309	1/4	31,149	1/4	42,797	1/4	54,699	1/4	66,601	1/4	78,477	1/4	90,369	1/4	102,276	1/4	114,182
1/2	7,627	1/2	19,557	1/2	31,389	1/2	43,045	1/2	54,947	1/2	66,849	1/2	78,724	1/2	90,617	1/2	102,524	1/2	114,430
3/4	7,875	3/4	19,805	3/4	31,628	3/4	43,293	3/4	55,195	3/4	67,096	3/4	78,971	3/4	90,865	3/4	102,772	3/4	114,678
9	8,124	9	20,054	9	31,868	9	43,541	9	55,443	9	67,344	9	79,218	9	91,113	9	103,020	9	114,926
1/4	8,372	1/4	20,302	1/4	32,107	1/4	43,789	1/4	55,691	1/4	67,592	1/4	79,465	1/4	91,361	1/4	103,268	1/4	115,174
1/2	8,621	1/2	20,550	1/2	32,347	1/2	44,037	1/2	55,939	1/2	67,840	1/2	79,712	1/2	91,609	1/2	103,516	1/2	115,422
3/4	8,870	3/4	20,798	3/4	32,586	3/4	44,285	3/4	56,187	3/4	68,088	3/4	79,959	3/4	91,857	3/4	103,764	3/4	115,670
10	9,118	10	21,046	10	32,826	10	44,533	10	56,435	10	68,336	10	80,206	10	92,106	10	104,012	10	115,918
1/4	9,367	1/4	21,294	1/4	33,065	1/4	44,781	1/4	56,682	1/4	68,584	1/4	80,453	1/4	92,354	1/4	104,260	1/4	116,166
1/2	9,615	1/2	21,542	1/2	33,305	1/2	45,029	1/2	56,930	1/2	68,832	1/2	80,700	1/2	92,602	1/2	104,508	1/2	116,413
3/4	9,864	3/4	21,790	3/4	33,544	3/4	45,277	3/4	57,178	3/4	69,080	3/4	80,947	3/4	92,850	3/4	104,756	3/4	116,661
11	10,113	11	22,038	11	33,784	11	45,525	11	57,426	11	69,328	11	81,194	11	93,098	11	105,004	11	116,909
1/4	10,361	1/4	22,286	1/4	34,023	1/4	45,773	1/4	57,674	1/4	69,576	1/4	81,442	1/4	93,346	1/4	105,252	1/4	117,157
1/2	10,610	1/2	22,535	1/2	34,263	1/2	46,021	1/2	57,922	1/2	69,824	1/2	81,689	1/2	93,594	1/2	105,500	1/2	117,404
3/4	10,858	3/4	22,783	3/4	34,502	3/4	46,268	3/4	58,170	3/4	70,072	3/4	81,936	3/4	93,842	3/4	105,748	3/4	117,652

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7

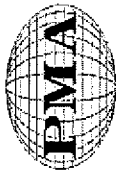
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE ONLY APPLIES 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

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1312"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	117,900	0	128,970	0	139,155	0	149,339	0	159,523	0	169,680	0	179,820	0	189,945	0	199,955	0	209,955
1/4	118,147	1/4	129,183	1/4	139,367	1/4	149,551	1/4	159,735	1/4	169,825	1/4	179,900	1/4	189,955	1/4	199,955	1/4	209,955
1/2	118,395	1/2	129,395	1/2	139,579	1/2	149,763	1/2	159,947	1/2	169,970	1/2	179,970	1/2	189,955	1/2	199,955	1/2	209,955
3/4	118,643	3/4	129,607	3/4	139,791	3/4	149,975	3/4	160,159	3/4	170,115	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
1	118,890	1	129,819	1	140,003	1	150,187	1	160,372	1	170,260	1	179,970	1	189,955	1	199,955	1	209,955
1 1/4	119,138	1 1/4	130,031	1 1/4	140,215	1 1/4	150,400	1 1/4	160,584	1 1/4	170,327	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	119,386	1 1/2	130,243	1 1/2	140,428	1 1/2	150,612	1 1/2	160,796	1 1/2	170,396	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	119,634	3/4	130,456	3/4	140,640	3/4	150,824	3/4	161,008	3/4	170,462	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
2	119,881	2	130,668	2	140,852	2	151,036	2	161,220	2	170,529	2	179,970	2	189,955	2	199,955	2	209,955
1 1/4	120,129	1 1/4	130,880	1 1/4	141,064	1 1/4	151,248	1 1/4	161,433	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	120,377	1 1/2	131,092	1 1/2	141,276	1 1/2	151,460	1 1/2	161,645	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	120,624	3/4	131,304	3/4	141,488	3/4	151,673	3/4	161,857	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
3	120,872	3	131,516	3	141,701	3	151,885	3	162,069	3	170,550	3	179,970	3	189,955	3	199,955	3	209,955
1 1/4	121,120	1 1/4	131,729	1 1/4	141,913	1 1/4	152,097	1 1/4	162,281	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	121,367	1 1/2	131,941	1 1/2	142,125	1 1/2	152,309	1 1/2	162,493	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	121,615	3/4	132,153	3/4	142,337	3/4	152,521	3/4	162,706	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
4	121,863	4	132,365	4	142,549	4	152,734	4	162,918	4	170,550	4	179,970	4	189,955	4	199,955	4	209,955
1 1/4	122,111	1 1/4	132,577	1 1/4	142,761	1 1/4	152,946	1 1/4	163,130	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	122,358	1 1/2	132,789	1 1/2	142,974	1 1/2	153,158	1 1/2	163,342	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	122,606	3/4	133,002	3/4	143,186	3/4	153,370	3/4	163,554	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
5	122,854	5	133,214	5	143,398	5	153,582	5	163,766	5	170,550	5	179,970	5	189,955	5	199,955	5	209,955
1 1/4	123,097	1 1/4	133,426	1 1/4	143,610	1 1/4	153,794	1 1/4	163,979	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	123,340	1 1/2	133,638	1 1/2	143,822	1 1/2	154,007	1 1/2	164,191	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	123,583	3/4	133,850	3/4	144,035	3/4	154,219	3/4	164,403	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
6	123,826	6	134,062	6	144,247	6	154,431	6	164,616	6	170,550	6	179,970	6	189,955	6	199,955	6	209,955
1 1/4	124,051	1 1/4	134,275	1 1/4	144,469	1 1/4	154,643	1 1/4	164,827	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	124,277	1 1/2	134,487	1 1/2	144,671	1 1/2	154,855	1 1/2	165,039	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	124,502	3/4	134,699	3/4	144,883	3/4	155,067	3/4	165,252	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
7	124,727	7	134,911	7	145,095	7	155,280	7	165,464	7	170,550	7	179,970	7	189,955	7	199,955	7	209,955
1 1/4	124,939	1 1/4	135,123	1 1/4	145,308	1 1/4	155,492	1 1/4	165,676	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	125,151	1 1/2	135,336	1 1/2	145,520	1 1/2	155,704	1 1/2	165,888	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	125,363	3/4	135,548	3/4	145,732	3/4	155,916	3/4	166,100	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
8	125,576	8	135,760	8	145,944	8	156,128	8	166,312	8	170,550	8	179,970	8	189,955	8	199,955	8	209,955
1 1/4	125,788	1 1/4	135,972	1 1/4	146,156	1 1/4	156,340	1 1/4	166,525	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	126,000	1 1/2	136,184	1 1/2	146,368	1 1/2	156,563	1 1/2	166,737	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	126,212	3/4	136,396	3/4	146,581	3/4	156,765	3/4	166,949	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
9	126,424	9	136,609	9	146,793	9	156,977	9	167,161	9	170,550	9	179,970	9	189,955	9	199,955	9	209,955
1 1/4	126,636	1 1/4	136,821	1 1/4	147,005	1 1/4	157,189	1 1/4	167,373	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	126,849	1 1/2	137,033	1 1/2	147,217	1 1/2	157,401	1 1/2	167,584	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	127,061	3/4	137,245	3/4	147,429	3/4	157,613	3/4	167,796	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
10	127,273	10	137,457	10	147,641	10	157,826	10	168,008	10	170,550	10	179,970	10	189,955	10	199,955	10	209,955
1 1/4	127,485	1 1/4	137,669	1 1/4	147,854	1 1/4	158,038	1 1/4	168,220	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	127,697	1 1/2	137,882	1 1/2	148,066	1 1/2	158,250	1 1/2	168,433	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	127,910	3/4	138,094	3/4	148,278	3/4	158,462	3/4	168,646	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955
11	128,122	11	138,306	11	148,490	11	158,674	11	168,859	11	170,550	11	179,970	11	189,955	11	199,955	11	209,955
1 1/4	128,334	1 1/4	138,518	1 1/4	148,702	1 1/4	158,886	1 1/4	169,064	1 1/4	170,550	1 1/4	179,970	1 1/4	189,955	1 1/4	199,955	1 1/4	209,955
1 1/2	128,546	1 1/2	138,730	1 1/2	148,914	1 1/2	159,099	1 1/2	169,270	1 1/2	170,550	1 1/2	179,970	1 1/2	189,955	1 1/2	199,955	1 1/2	209,955
3/4	128,758	3/4	138,942	3/4	149,127	3/4	159,311	3/4	169,475	3/4	170,550	3/4	179,970	3/4	189,955	3/4	199,955	3/4	209,955

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/17/2019 JS
 CALCULATED: 09/18/2019 CL
 PRINTED: 09/18/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2019

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



BARGE "IB 1312"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	74	0	9,462	0	19,761	0	29,902	0	40,108	0	50,408	0	60,708	0	71,008	0	81,308	0	91,608
1/4	138	1/4	9,676	1/4	19,976	1/4	30,110	1/4	40,322	1/4	50,622	1/4	60,922	1/4	71,222	1/4	81,522	1/4	91,822
1/2	203	1/2	9,891	1/2	20,191	1/2	30,318	1/2	40,537	1/2	50,837	1/2	61,137	1/2	71,437	1/2	81,737	1/2	92,037
3/4	267	3/4	10,106	3/4	20,405	3/4	30,527	3/4	40,751	3/4	51,051	3/4	61,351	3/4	71,651	3/4	81,951	3/4	92,251
1	331	1	10,320	1	20,620	1	30,735	1	40,966	1	51,266	1	61,566	1	71,866	1	82,166	1	92,466
1/4	479	1/4	10,535	1/4	20,834	1/4	30,943	1/4	41,180	1/4	51,480	1/4	61,780	1/4	72,080	1/4	82,380	1/4	92,680
1/2	626	1/2	10,749	1/2	21,049	1/2	31,152	1/2	41,395	1/2	51,695	1/2	61,995	1/2	72,295	1/2	82,595	1/2	92,895
3/4	773	3/4	10,964	3/4	21,263	3/4	31,360	3/4	41,610	3/4	51,910	3/4	62,210	3/4	72,510	3/4	82,810	3/4	93,110
2	920	2	11,178	2	21,478	2	31,568	2	41,824	2	52,124	2	62,424	2	72,724	2	83,024	2	93,324
1/4	1,125	1/4	11,393	1/4	21,693	1/4	31,776	1/4	42,039	1/4	52,339	1/4	62,639	1/4	72,939	1/4	83,239	1/4	93,539
1/2	1,331	1/2	11,608	1/2	21,907	1/2	31,985	1/2	42,253	1/2	52,553	1/2	62,853	1/2	73,153	1/2	83,453	1/2	93,753
3/4	1,536	3/4	11,822	3/4	22,122	3/4	32,193	3/4	42,468	3/4	52,768	3/4	63,068	3/4	73,368	3/4	83,668	3/4	93,968
3	1,741	3	12,037	3	22,336	3	32,401	3	42,683	3	52,983	3	63,283	3	73,583	3	83,883	3	94,183
1/4	1,955	1/4	12,251	1/4	22,551	1/4	32,611	1/4	42,897	1/4	53,197	1/4	63,487	1/4	73,797	1/4	84,097	1/4	94,397
1/2	2,169	1/2	12,466	1/2	22,765	1/2	32,821	1/2	43,112	1/2	53,412	1/2	63,712	1/2	74,012	1/2	84,312	1/2	94,612
3/4	2,383	3/4	12,681	3/4	22,980	3/4	33,031	3/4	43,326	3/4	53,626	3/4	63,926	3/4	74,226	3/4	84,526	3/4	94,826
4	2,596	4	12,895	4	23,195	4	33,241	4	43,541	4	53,841	4	64,141	4	74,441	4	84,741	4	95,041
1/4	2,811	1/4	13,110	1/4	23,409	1/4	33,455	1/4	43,755	1/4	54,055	1/4	64,355	1/4	74,655	1/4	84,955	1/4	95,255
1/2	3,025	1/2	13,324	1/2	23,624	1/2	33,670	1/2	43,970	1/2	54,270	1/2	64,570	1/2	74,870	1/2	85,170	1/2	95,470
3/4	3,239	3/4	13,539	3/4	23,838	3/4	33,885	3/4	44,185	3/4	54,485	3/4	64,785	3/4	75,085	3/4	85,385	3/4	95,685
5	3,454	5	13,753	5	24,053	5	34,099	5	44,399	5	54,699	5	64,999	5	75,299	5	85,599	5	95,899
1/4	3,668	1/4	13,968	1/4	24,266	1/4	34,314	1/4	44,614	1/4	54,914	1/4	65,214	1/4	75,514	1/4	85,814	1/4	96,114
1/2	3,883	1/2	14,183	1/2	24,479	1/2	34,528	1/2	44,828	1/2	55,128	1/2	65,428	1/2	75,728	1/2	86,028	1/2	96,328
3/4	4,098	3/4	14,397	3/4	24,692	3/4	34,743	3/4	45,043	3/4	55,343	3/4	65,643	3/4	75,943	3/4	86,243	3/4	96,543
6	4,312	6	14,612	6	24,905	6	34,958	6	45,258	6	55,558	6	65,858	6	76,158	6	86,458	6	96,758
1/4	4,527	1/4	14,826	1/4	25,113	1/4	35,172	1/4	45,472	1/4	55,772	1/4	66,072	1/4	76,372	1/4	86,672	1/4	96,972
1/2	4,741	1/2	15,041	1/2	25,324	1/2	35,387	1/2	45,687	1/2	55,987	1/2	66,287	1/2	76,587	1/2	86,887	1/2	97,187
3/4	4,956	3/4	15,255	3/4	25,529	3/4	35,601	3/4	45,901	3/4	56,201	3/4	66,501	3/4	76,801	3/4	87,101	3/4	97,401
7	5,170	7	15,470	7	25,737	7	35,816	7	46,116	7	56,416	7	66,716	7	77,016	7	87,316	7	97,616
1/4	5,385	1/4	15,685	1/4	25,945	1/4	36,030	1/4	46,330	1/4	56,630	1/4	66,930	1/4	77,230	1/4	87,530	1/4	97,830
1/2	5,600	1/2	15,899	1/2	26,153	1/2	36,245	1/2	46,545	1/2	56,845	1/2	67,145	1/2	77,445	1/2	87,745	1/2	98,045
3/4	5,814	3/4	16,114	3/4	26,361	3/4	36,460	3/4	46,760	3/4	57,060	3/4	67,360	3/4	77,660	3/4	87,960	3/4	98,260
8	6,029	8	16,328	8	26,569	8	36,674	8	46,974	8	57,274	8	67,574	8	77,874	8	88,174	8	98,474
1/4	6,243	1/4	16,543	1/4	26,778	1/4	36,889	1/4	47,189	1/4	57,489	1/4	67,789	1/4	78,089	1/4	88,389	1/4	98,689
1/2	6,458	1/2	16,757	1/2	26,986	1/2	37,103	1/2	47,403	1/2	57,703	1/2	68,003	1/2	78,303	1/2	88,603	1/2	98,903
3/4	6,672	3/4	16,972	3/4	27,194	3/4	37,318	3/4	47,618	3/4	57,918	3/4	68,218	3/4	78,518	3/4	88,818	3/4	99,118
9	6,887	9	17,187	9	27,402	9	37,533	9	47,833	9	58,133	9	68,433	9	78,733	9	89,033	9	99,333
1/4	7,102	1/4	17,401	1/4	27,611	1/4	37,747	1/4	48,047	1/4	58,347	1/4	68,647	1/4	78,947	1/4	89,247	1/4	99,547
1/2	7,316	1/2	17,616	1/2	27,819	1/2	37,962	1/2	48,262	1/2	58,562	1/2	68,862	1/2	79,162	1/2	89,462	1/2	99,762
3/4	7,531	3/4	17,830	3/4	28,027	3/4	38,176	3/4	48,476	3/4	58,776	3/4	69,076	3/4	79,376	3/4	89,676	3/4	99,976
10	7,745	10	18,045	10	28,236	10	38,391	10	48,681	10	58,991	10	69,291	10	79,591	10	89,891	10	100,191
1/4	7,960	1/4	18,259	1/4	28,444	1/4	38,605	1/4	48,905	1/4	59,205	1/4	69,505	1/4	79,805	1/4	90,105	1/4	100,405
1/2	8,174	1/2	18,474	1/2	28,652	1/2	38,820	1/2	49,120	1/2	59,420	1/2	69,720	1/2	80,020	1/2	90,320	1/2	100,620
3/4	8,389	3/4	18,689	3/4	28,860	3/4	39,035	3/4	49,335	3/4	59,635	3/4	69,935	3/4	80,235	3/4	90,535	3/4	100,835
11	8,604	11	18,903	11	29,069	11	39,249	11	49,549	11	59,849	11	70,149	11	80,449	11	90,749	11	101,049
1/4	8,818	1/4	19,118	1/4	29,277	1/4	39,464	1/4	49,764	1/4	60,064	1/4	70,364	1/4	80,664	1/4	90,964	1/4	101,264
1/2	9,033	1/2	19,333	1/2	29,485	1/2	39,678	1/2	49,978	1/2	60,278	1/2	70,578	1/2	80,878	1/2	91,178	1/2	101,478
3/4	9,247	3/4	19,547	3/4	29,693	3/4	39,893	3/4	50,193	3/4	60,493	3/4	70,793	3/4	81,093	3/4	91,393	3/4	101,693

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 23'-08" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1312"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	101,908	0	112,208	0	122,508	0	132,808	0	143,108	0	153,290	0	163,472	0	173,654	0	183,836	0	194,018
1/4	102,122	1/4	112,422	1/4	122,722	1/4	133,022	1/4	143,322	1/4	153,415	1/4	163,508	1/4	173,601	1/4	183,694	1/4	193,787
1/2	102,337	1/2	112,637	1/2	122,937	1/2	133,237	1/2	143,537	1/2	153,540	1/2	163,633	1/2	173,726	1/2	183,819	1/2	193,912
3/4	102,551	3/4	112,851	3/4	123,151	3/4	133,451	3/4	143,751	3/4	153,666	3/4	163,759	3/4	173,852	3/4	183,945	3/4	194,038
1	102,766	1	113,066	1	123,366	1	133,666	1	143,966	1	153,791	1	164,091	1	174,391	1	184,691	1	194,991
1 1/4	102,980	1 1/4	113,280	1 1/4	123,580	1 1/4	133,880	1 1/4	144,180	1 1/4	153,849	1 1/4	164,149	1 1/4	174,449	1 1/4	184,749	1 1/4	195,049
1 1/2	103,195	1 1/2	113,495	1 1/2	123,795	1 1/2	134,095	1 1/2	144,395	1 1/2	153,907	1 1/2	164,207	1 1/2	174,507	1 1/2	184,807	1 1/2	195,107
1 3/4	103,410	1 3/4	113,710	1 3/4	124,010	1 3/4	134,310	1 3/4	144,610	1 3/4	153,965	1 3/4	164,265	1 3/4	174,565	1 3/4	184,865	1 3/4	195,165
2	103,624	2	113,924	2	124,224	2	134,524	2	144,824	2	154,023	2	164,323	2	174,623	2	184,923	2	195,223
1/4	103,839	1/4	114,139	1/4	124,439	1/4	134,739	1/4	145,039	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	104,053	1/2	114,353	1/2	124,653	1/2	134,953	1/2	145,253	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	104,268	3/4	114,568	3/4	124,868	3/4	135,168	3/4	145,468	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
3	104,483	3	114,783	3	125,083	3	135,383	3	145,683	3	154,041	3	164,341	3	174,641	3	184,941	3	195,241
1/4	104,697	1/4	114,997	1/4	125,297	1/4	135,597	1/4	145,897	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	104,912	1/2	115,212	1/2	125,512	1/2	135,812	1/2	146,112	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	105,126	3/4	115,426	3/4	125,726	3/4	136,026	3/4	146,326	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
4	105,341	4	115,641	4	125,941	4	136,241	4	146,541	4	154,041	4	164,341	4	174,641	4	184,941	4	195,241
1/4	105,555	1/4	115,855	1/4	126,155	1/4	136,455	1/4	146,755	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	105,770	1/2	116,070	1/2	126,370	1/2	136,670	1/2	146,970	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	105,985	3/4	116,285	3/4	126,585	3/4	136,885	3/4	147,185	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
5	106,199	5	116,499	5	126,799	5	137,099	5	147,399	5	154,041	5	164,341	5	174,641	5	184,941	5	195,241
1/4	106,414	1/4	116,714	1/4	127,014	1/4	137,314	1/4	147,614	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	106,628	1/2	116,928	1/2	127,228	1/2	137,528	1/2	147,828	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	106,843	3/4	117,143	3/4	127,443	3/4	137,743	3/4	148,043	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
6	107,058	6	117,358	6	127,658	6	137,958	6	148,258	6	154,041	6	164,341	6	174,641	6	184,941	6	195,241
1/4	107,272	1/4	117,572	1/4	127,872	1/4	138,172	1/4	148,472	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	107,487	1/2	117,787	1/2	128,087	1/2	138,387	1/2	148,687	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	107,701	3/4	118,001	3/4	128,301	3/4	138,601	3/4	148,901	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
7	107,916	7	118,216	7	128,516	7	138,816	7	149,116	7	154,041	7	164,341	7	174,641	7	184,941	7	195,241
1/4	108,130	1/4	118,430	1/4	128,730	1/4	139,030	1/4	149,330	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	108,345	1/2	118,645	1/2	128,945	1/2	139,245	1/2	149,545	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	108,560	3/4	118,860	3/4	129,160	3/4	139,460	3/4	149,760	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
8	108,774	8	119,074	8	129,374	8	139,674	8	149,974	8	154,041	8	164,341	8	174,641	8	184,941	8	195,241
1/4	108,989	1/4	119,289	1/4	129,589	1/4	139,889	1/4	150,189	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	109,203	1/2	119,503	1/2	129,803	1/2	140,103	1/2	150,403	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	109,418	3/4	119,718	3/4	130,018	3/4	140,318	3/4	150,618	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
9	109,633	9	119,933	9	130,233	9	140,533	9	150,833	9	154,041	9	164,341	9	174,641	9	184,941	9	195,241
1/4	109,847	1/4	120,147	1/4	130,447	1/4	140,747	1/4	151,047	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	110,062	1/2	120,362	1/2	130,662	1/2	140,962	1/2	151,262	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	110,276	3/4	120,576	3/4	130,876	3/4	141,176	3/4	151,476	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
10	110,491	10	120,791	10	131,091	10	141,391	10	151,691	10	154,041	10	164,341	10	174,641	10	184,941	10	195,241
1/4	110,705	1/4	121,005	1/4	131,305	1/4	141,605	1/4	151,905	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	110,920	1/2	121,220	1/2	131,520	1/2	141,820	1/2	152,120	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	111,135	3/4	121,435	3/4	131,735	3/4	142,035	3/4	152,335	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241
11	111,349	11	121,649	11	131,949	11	142,249	11	152,549	11	154,041	11	164,341	11	174,641	11	184,941	11	195,241
1/4	111,564	1/4	121,864	1/4	132,164	1/4	142,464	1/4	152,764	1/4	154,041	1/4	164,341	1/4	174,641	1/4	184,941	1/4	195,241
1/2	111,778	1/2	122,078	1/2	132,378	1/2	142,678	1/2	152,978	1/2	154,041	1/2	164,341	1/2	174,641	1/2	184,941	1/2	195,241
3/4	111,993	3/4	122,293	3/4	132,593	3/4	142,893	3/4	153,193	3/4	154,041	3/4	164,341	3/4	174,641	3/4	184,941	3/4	195,241

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/17/2019 JS
CALCULATED: 09/18/2019 CL
PRINTED: 09/18/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77586
http://www.pmaacorp.net



BARGE "IB 1312"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

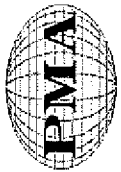
GAUGE HEIGHT 16'-02 5/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	74	0	9,530	0	19,905	0	30,255	0	40,617	0	50,992	0	61,367	0	71,741	0	82,116	0	92,491
1/4	139	1/4	9,746	1/4	20,121	1/4	30,470	1/4	40,833	1/4	51,208	1/4	61,583	1/4	71,957	1/4	82,332	1/4	92,707
1/2	204	1/2	9,963	1/2	20,337	1/2	30,685	1/2	41,049	1/2	51,424	1/2	61,799	1/2	72,174	1/2	82,548	1/2	92,923
3/4	269	3/4	10,179	3/4	20,553	3/4	30,900	3/4	41,266	3/4	51,640	3/4	62,015	3/4	72,390	3/4	82,764	3/4	93,139
1	333	1	10,395	1	20,769	1	31,115	1	41,482	1	51,856	1	62,231	1	72,606	1	82,981	1	93,355
1/4	482	1/4	10,611	1/4	20,985	1/4	31,331	1/4	41,698	1/4	52,073	1/4	62,447	1/4	72,822	1/4	83,197	1/4	93,571
1/2	630	1/2	10,827	1/2	21,201	1/2	31,546	1/2	41,914	1/2	52,289	1/2	62,663	1/2	73,038	1/2	83,413	1/2	93,788
3/4	778	3/4	11,043	3/4	21,418	3/4	31,761	3/4	42,130	3/4	52,505	3/4	62,880	3/4	73,254	3/4	83,629	3/4	94,004
2	927	2	11,259	2	21,634	2	31,976	2	42,346	2	52,721	2	63,096	2	73,470	2	83,845	2	94,220
1/4	1,133	1/4	11,475	1/4	21,850	1/4	32,192	1/4	42,562	1/4	52,937	1/4	63,312	1/4	73,687	1/4	84,061	1/4	94,436
1/2	1,340	1/2	11,692	1/2	22,066	1/2	32,407	1/2	42,778	1/2	53,153	1/2	63,528	1/2	73,903	1/2	84,277	1/2	94,652
3/4	1,547	3/4	11,908	3/4	22,282	3/4	32,623	3/4	42,995	3/4	53,369	3/4	63,744	3/4	74,119	3/4	84,494	3/4	94,868
3	1,754	3	12,124	3	22,498	3	32,838	3	43,211	3	53,586	3	63,960	3	74,335	3	84,710	3	95,084
1/4	1,959	1/4	12,340	1/4	22,714	1/4	33,054	1/4	43,427	1/4	53,802	1/4	64,176	1/4	74,551	1/4	84,926	1/4	95,301
1/2	2,164	1/2	12,556	1/2	22,930	1/2	33,269	1/2	43,643	1/2	54,018	1/2	64,393	1/2	74,767	1/2	85,142	1/2	95,517
3/4	2,400	3/4	12,772	3/4	23,147	3/4	33,485	3/4	43,859	3/4	54,234	3/4	64,609	3/4	74,983	3/4	85,358	3/4	95,733
4	2,615	4	12,988	4	23,363	4	33,701	4	44,075	4	54,450	4	64,825	4	75,200	4	85,574	4	95,949
1/4	2,831	1/4	13,205	1/4	23,579	1/4	33,917	1/4	44,291	1/4	54,666	1/4	65,041	1/4	75,416	1/4	85,790	1/4	96,165
1/2	3,047	1/2	13,421	1/2	23,795	1/2	34,133	1/2	44,508	1/2	54,882	1/2	65,267	1/2	75,632	1/2	86,007	1/2	96,381
3/4	3,263	3/4	13,637	3/4	24,011	3/4	34,349	3/4	44,724	3/4	55,098	3/4	65,473	3/4	75,848	3/4	86,223	3/4	96,597
5	3,479	5	13,853	5	24,227	5	34,565	5	44,940	5	55,315	5	65,689	5	76,064	5	86,439	5	96,814
1/4	3,695	1/4	14,069	1/4	24,443	1/4	34,781	1/4	45,156	1/4	55,531	1/4	65,906	1/4	76,280	1/4	86,655	1/4	97,030
1/2	3,911	1/2	14,285	1/2	24,659	1/2	34,997	1/2	45,372	1/2	55,747	1/2	66,122	1/2	76,496	1/2	86,871	1/2	97,246
3/4	4,127	3/4	14,501	3/4	24,875	3/4	35,214	3/4	45,588	3/4	55,963	3/4	66,338	3/4	76,713	3/4	87,087	3/4	97,462
6	4,343	6	14,717	6	25,091	6	35,430	6	45,804	6	56,179	6	66,554	6	76,929	6	87,303	6	97,678
1/4	4,559	1/4	14,934	1/4	25,306	1/4	35,646	1/4	46,021	1/4	56,396	1/4	66,770	1/4	77,145	1/4	87,520	1/4	97,894
1/2	4,775	1/2	15,150	1/2	25,521	1/2	35,862	1/2	46,237	1/2	56,611	1/2	66,986	1/2	77,361	1/2	87,736	1/2	98,110
3/4	4,992	3/4	15,366	3/4	25,736	3/4	36,078	3/4	46,453	3/4	56,828	3/4	67,202	3/4	77,577	3/4	87,952	3/4	98,327
7	5,208	7	15,583	7	25,951	7	36,294	7	46,669	7	57,044	7	67,418	7	77,793	7	88,168	7	98,543
1/4	5,424	1/4	15,798	1/4	26,167	1/4	36,510	1/4	46,885	1/4	57,260	1/4	67,635	1/4	78,009	1/4	88,384	1/4	98,759
1/2	5,640	1/2	16,014	1/2	26,382	1/2	36,723	1/2	47,101	1/2	57,476	1/2	67,861	1/2	78,226	1/2	88,600	1/2	98,975
3/4	5,856	3/4	16,230	3/4	26,597	3/4	36,943	3/4	47,317	3/4	57,692	3/4	68,067	3/4	78,442	3/4	88,816	3/4	99,191
8	6,072	8	16,446	8	26,812	8	37,159	8	47,534	8	57,908	8	68,283	8	78,668	8	89,033	8	99,407
1/4	6,288	1/4	16,663	1/4	27,027	1/4	37,375	1/4	47,750	1/4	58,124	1/4	68,499	1/4	78,874	1/4	89,249	1/4	99,623
1/2	6,504	1/2	16,879	1/2	27,242	1/2	37,591	1/2	47,966	1/2	58,341	1/2	68,715	1/2	79,090	1/2	89,465	1/2	99,840
3/4	6,721	3/4	17,095	3/4	27,458	3/4	37,807	3/4	48,182	3/4	58,557	3/4	68,931	3/4	79,306	3/4	89,681	3/4	100,056
9	6,937	9	17,311	9	27,673	9	38,023	9	48,398	9	58,773	9	69,148	9	79,522	9	89,897	9	100,272
1/4	7,153	1/4	17,527	1/4	27,888	1/4	38,240	1/4	48,614	1/4	58,989	1/4	69,364	1/4	79,739	1/4	90,113	1/4	100,488
1/2	7,369	1/2	17,743	1/2	28,103	1/2	38,456	1/2	48,830	1/2	59,205	1/2	69,580	1/2	79,955	1/2	90,329	1/2	100,704
3/4	7,585	3/4	17,959	3/4	28,318	3/4	38,672	3/4	49,047	3/4	59,421	3/4	69,796	3/4	80,171	3/4	90,546	3/4	100,920
10	7,801	10	18,176	10	28,533	10	38,888	10	49,263	10	59,637	10	70,012	10	80,387	10	90,762	10	101,136
1/4	8,017	1/4	18,392	1/4	28,749	1/4	39,104	1/4	49,479	1/4	59,854	1/4	70,228	1/4	80,603	1/4	90,978	1/4	101,353
1/2	8,234	1/2	18,608	1/2	28,964	1/2	39,320	1/2	49,695	1/2	60,070	1/2	70,444	1/2	80,819	1/2	91,194	1/2	101,569
3/4	8,450	3/4	18,824	3/4	29,179	3/4	39,536	3/4	49,911	3/4	60,286	3/4	70,661	3/4	81,036	3/4	91,410	3/4	101,785
11	8,666	11	19,040	11	29,394	11	39,753	11	50,127	11	60,502	11	70,877	11	81,251	11	91,626	11	102,001
1/4	8,882	1/4	19,256	1/4	29,609	1/4	39,969	1/4	50,343	1/4	60,718	1/4	71,093	1/4	81,468	1/4	91,843	1/4	102,217
1/2	9,098	1/2	19,472	1/2	29,824	1/2	40,185	1/2	50,560	1/2	60,934	1/2	71,309	1/2	81,684	1/2	92,059	1/2	102,433
3/4	9,314	3/4	19,688	3/4	30,040	3/4	40,401	3/4	50,776	3/4	61,150	3/4	71,525	3/4	81,900	3/4	92,275	3/4	102,649

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.
 Pearland, Texas 77588
 P.O. Box 2082
<http://www.pmatc.com>



BARGE "IB 1312"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	102,866	0	113,240	0	123,615	0	133,990	0	144,364	0	154,621	0	164,878	0	175,135	0	185,392	0	195,649
1/4	103,082	1/4	113,456	1/4	123,831	1/4	134,206	1/4	144,581	1/4	154,947	1/4	165,312	1/4	175,677	1/4	186,042	1/4	196,407
1/2	103,298	1/2	113,673	1/2	124,047	1/2	134,422	1/2	144,797	1/2	155,162	1/2	165,527	1/2	175,892	1/2	186,257	1/2	196,622
3/4	103,514	3/4	113,889	3/4	124,263	3/4	134,638	3/4	145,013	3/4	155,388	3/4	165,763	3/4	176,138	3/4	186,513	3/4	196,888
1	103,730	1	114,105	1	124,480	1	134,854	1	145,229	1	155,604	1	165,979	1	176,354	1	186,729	1	197,104
1/4	103,946	1/4	114,321	1/4	124,696	1/4	135,070	1/4	145,445	1/4	155,819	1/4	166,194	1/4	176,569	1/4	186,944	1/4	197,319
1/2	104,162	1/2	114,537	1/2	124,912	1/2	135,286	1/2	145,661	1/2	156,040	1/2	166,415	1/2	176,790	1/2	187,165	1/2	197,540
3/4	104,379	3/4	114,753	3/4	125,128	3/4	135,503	3/4	145,877	3/4	156,252	3/4	166,627	3/4	177,002	3/4	187,377	3/4	197,752
2	104,595	2	114,969	2	125,344	2	135,719	2	146,090	2	156,465	2	166,840	2	177,215	2	187,590	2	197,965
1/4	104,811	1/4	115,185	1/4	125,560	1/4	135,935	1/4	146,304	1/4	156,679	1/4	167,054	1/4	177,429	1/4	187,804	1/4	198,179
1/2	105,027	1/2	115,402	1/2	125,776	1/2	136,151	1/2	146,526	1/2	156,901	1/2	167,276	1/2	177,651	1/2	188,026	1/2	198,401
3/4	105,243	3/4	115,618	3/4	125,993	3/4	136,367	3/4	146,742	3/4	157,117	3/4	167,492	3/4	177,867	3/4	188,242	3/4	198,617
3	105,459	3	115,834	3	126,209	3	136,583	3	146,958	3	157,332	3	167,707	3	178,082	3	188,457	3	198,832
1/4	105,675	1/4	116,050	1/4	126,425	1/4	136,800	1/4	147,174	1/4	157,549	1/4	167,924	1/4	178,299	1/4	188,674	1/4	199,049
1/2	105,891	1/2	116,266	1/2	126,641	1/2	137,016	1/2	147,390	1/2	157,773	1/2	168,148	1/2	178,523	1/2	188,898	1/2	199,265
3/4	106,108	3/4	116,482	3/4	126,857	3/4	137,232	3/4	147,607	3/4	158,002	3/4	168,377	3/4	178,752	3/4	189,127	3/4	199,500
4	106,324	4	116,699	4	127,073	4	137,448	4	147,823	4	158,217	4	168,592	4	178,967	4	189,342	4	199,716
1/4	106,540	1/4	116,915	1/4	127,289	1/4	137,664	1/4	148,039	1/4	158,432	1/4	168,807	1/4	179,182	1/4	189,557	1/4	200,000
1/2	106,756	1/2	117,131	1/2	127,506	1/2	137,880	1/2	148,255	1/2	158,647	1/2	169,022	1/2	179,397	1/2	189,772	1/2	200,216
3/4	106,972	3/4	117,347	3/4	127,722	3/4	138,096	3/4	148,471	3/4	158,862	3/4	169,237	3/4	179,612	3/4	190,000	3/4	200,432
5	107,188	5	117,563	5	127,938	5	138,313	5	148,687	5	159,061	5	169,436	5	179,811	5	190,187	5	200,648
1/4	107,404	1/4	117,779	1/4	128,154	1/4	138,529	1/4	148,903	1/4	159,275	1/4	169,650	1/4	180,025	1/4	190,400	1/4	200,864
1/2	107,620	1/2	117,995	1/2	128,370	1/2	138,745	1/2	149,118	1/2	159,490	1/2	169,865	1/2	180,240	1/2	190,615	1/2	201,080
3/4	107,837	3/4	118,211	3/4	128,586	3/4	138,961	3/4	149,336	3/4	159,665	3/4	170,040	3/4	180,415	3/4	190,790	3/4	201,296
6	108,053	6	118,428	6	128,802	6	139,177	6	149,562	6	159,947	6	170,325	6	180,700	6	191,075	6	201,512
1/4	108,269	1/4	118,644	1/4	129,019	1/4	139,393	1/4	149,768	1/4	160,150	1/4	170,525	1/4	180,900	1/4	191,270	1/4	201,728
1/2	108,485	1/2	118,860	1/2	129,235	1/2	139,609	1/2	149,984	1/2	160,365	1/2	170,740	1/2	181,115	1/2	191,485	1/2	201,944
3/4	108,701	3/4	119,076	3/4	129,451	3/4	139,826	3/4	150,200	3/4	160,590	3/4	170,965	3/4	181,340	3/4	191,710	3/4	202,160
7	108,917	7	119,292	7	129,667	7	140,042	7	160,416	7	160,849	7	171,221	7	181,594	7	191,967	7	202,376
1/4	109,134	1/4	119,508	1/4	129,883	1/4	140,258	1/4	160,633	1/4	171,008	1/4	181,381	1/4	191,754	1/4	202,128	1/4	202,592
1/2	109,350	1/2	119,724	1/2	130,099	1/2	140,474	1/2	160,849	1/2	171,221	1/2	181,594	1/2	191,967	1/2	202,376	1/2	202,848
3/4	109,566	3/4	119,941	3/4	130,315	3/4	140,690	3/4	161,065	3/4	171,442	3/4	181,810	3/4	192,180	3/4	202,592	3/4	203,104
8	109,782	8	120,157	8	130,531	8	140,906	8	161,281	8	171,663	8	181,998	8	192,367	8	202,736	8	203,320
1/4	109,998	1/4	120,373	1/4	130,748	1/4	141,122	1/4	161,497	1/4	171,879	1/4	182,136	1/4	192,496	1/4	203,040	1/4	203,536
1/2	110,214	1/2	120,589	1/2	130,964	1/2	141,339	1/2	161,713	1/2	172,103	1/2	182,362	1/2	192,721	1/2	203,296	1/2	203,792
3/4	110,430	3/4	120,805	3/4	131,180	3/4	141,555	3/4	161,929	3/4	172,327	3/4	182,586	3/4	192,945	3/4	203,552	3/4	204,048
9	110,647	9	121,021	9	131,396	9	141,771	9	162,145	9	172,544	9	182,803	9	193,162	9	203,808	9	204,304
1/4	110,863	1/4	121,237	1/4	131,612	1/4	141,987	1/4	162,361	1/4	172,761	1/4	183,020	1/4	193,379	1/4	204,064	1/4	204,560
1/2	111,079	1/2	121,454	1/2	131,828	1/2	142,203	1/2	162,577	1/2	172,976	1/2	183,239	1/2	193,595	1/2	204,320	1/2	204,816
3/4	111,295	3/4	121,670	3/4	132,044	3/4	142,419	3/4	162,792	3/4	173,191	3/4	183,453	3/4	193,851	3/4	204,576	3/4	205,072
10	111,511	10	121,886	10	132,261	10	142,635	10	163,008	10	173,404	10	183,667	10	193,929	10	204,832	10	205,288
1/4	111,727	1/4	122,102	1/4	132,477	1/4	142,851	1/4	163,221	1/4	173,619	1/4	183,882	1/4	194,145	1/4	205,088	1/4	205,496
1/2	111,943	1/2	122,318	1/2	132,693	1/2	143,068	1/2	163,434	1/2	173,832	1/2	184,100	1/2	194,360	1/2	205,344	1/2	205,752
3/4	112,160	3/4	122,534	3/4	132,909	3/4	143,284	3/4	163,647	3/4	174,045	3/4	184,317	3/4	194,576	3/4	205,592	3/4	205,960
11	112,376	11	122,750	11	133,125	11	143,500	11	163,860	11	174,260	11	184,533	11	194,792	11	205,808	11	206,176
1/4	112,592	1/4	122,967	1/4	133,341	1/4	143,716	1/4	164,075	1/4	174,477	1/4	184,746	1/4	195,008	1/4	206,032	1/4	206,392
1/2	112,808	1/2	123,183	1/2	133,557	1/2	143,932	1/2	164,290	1/2	174,691	1/2	184,960	1/2	195,216	1/2	206,248	1/2	206,608
3/4	113,024	3/4	123,399	3/4	133,774	3/4	144,148	3/4	164,504	3/4	174,905	3/4	185,176	3/4	195,432	3/4	206,464	3/4	206,824

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/17/2019 JS
 CALCULATED: 09/18/2019 CL
 PRINTED: 09/18/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2019

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