

Gallons



BARGE "IB 1302"

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"

August 11, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1302"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	11,120	0	23,058	0	34,783	0	46,572	0	58,487	0	70,403	0	82,281	0	94,202	0	106,122	0
1/4	1/4	11,369	1/4	23,307	1/4	35,023	1/4	46,820	1/4	58,736	1/4	70,651	1/4	82,529	1/4	94,450	1/4	106,370	1/4
1/2	1/2	11,618	1/2	23,555	1/2	35,262	1/2	47,068	1/2	58,984	1/2	70,900	1/2	82,778	1/2	94,699	1/2	106,619	1/2
3/4	3/4	11,867	3/4	23,803	3/4	35,502	3/4	47,316	3/4	59,232	3/4	71,148	3/4	83,026	3/4	94,947	3/4	106,867	3/4
1	1	12,116	1	24,052	1	35,742	1	47,565	1	59,480	1	71,396	1	83,274	1	95,195	1	107,115	1
1/4	1/4	12,365	1/4	24,300	1/4	35,982	1/4	47,813	1/4	59,729	1/4	71,644	1/4	83,523	1/4	95,443	1/4	107,364	1/4
1/2	1/2	12,614	1/2	24,549	1/2	36,221	1/2	48,061	1/2	59,977	1/2	71,892	1/2	83,771	1/2	95,692	1/2	107,612	1/2
3/4	3/4	12,863	3/4	24,797	3/4	36,461	3/4	48,309	3/4	60,225	3/4	72,140	3/4	84,019	3/4	95,940	3/4	107,860	3/4
2	2	13,111	2	25,045	2	36,701	2	48,558	2	60,473	2	72,388	2	84,268	2	96,188	2	108,109	2
1/4	1/4	13,360	1/4	25,294	1/4	36,941	1/4	48,806	1/4	60,722	1/4	72,636	1/4	84,516	1/4	96,437	1/4	108,357	1/4
1/2	1/2	13,609	1/2	25,542	1/2	37,181	1/2	49,054	1/2	60,970	1/2	72,883	1/2	84,764	1/2	96,685	1/2	108,606	1/2
3/4	3/4	13,858	3/4	25,791	3/4	37,420	3/4	49,302	3/4	61,218	3/4	73,130	3/4	85,013	3/4	96,933	3/4	108,854	3/4
3	3	14,107	3	26,039	3	37,660	3	49,551	3	61,466	3	73,377	3	85,261	3	97,182	3	109,102	3
1/4	1/4	14,356	1/4	26,287	1/4	37,902	1/4	49,799	1/4	61,715	1/4	73,625	1/4	85,509	1/4	97,430	1/4	109,351	1/4
1/2	1/2	14,605	1/2	26,536	1/2	38,144	1/2	50,047	1/2	61,963	1/2	73,872	1/2	85,758	1/2	97,678	1/2	109,599	1/2
3/4	3/4	14,853	3/4	26,784	3/4	38,386	3/4	50,295	3/4	62,211	3/4	74,119	3/4	86,006	3/4	97,927	3/4	109,847	3/4
4	4	15,102	4	27,033	4	38,628	4	50,544	4	62,459	4	74,367	4	86,254	4	98,175	4	110,096	4
1/4	1/4	15,351	1/4	27,281	1/4	38,876	1/4	50,792	1/4	62,708	1/4	74,614	1/4	86,503	1/4	98,423	1/4	110,344	1/4
1/2	1/2	15,600	1/2	27,529	1/2	39,124	1/2	51,040	1/2	62,956	1/2	74,861	1/2	86,751	1/2	98,672	1/2	110,592	1/2
3/4	3/4	15,849	3/4	27,778	3/4	39,372	3/4	51,288	3/4	63,204	3/4	75,108	3/4	86,999	3/4	98,920	3/4	110,841	3/4
5	5	16,098	5	28,026	5	39,621	5	51,537	5	63,452	5	75,356	5	87,248	5	99,168	5	111,089	5
1/4	1/4	16,346	1/4	28,273	1/4	39,869	1/4	51,785	1/4	63,701	1/4	75,603	1/4	87,496	1/4	99,417	1/4	111,337	1/4
1/2	1/2	16,595	1/2	28,520	1/2	40,117	1/2	52,033	1/2	63,949	1/2	75,850	1/2	87,745	1/2	99,665	1/2	111,586	1/2
3/4	3/4	16,844	3/4	28,766	3/4	40,365	3/4	52,281	3/4	64,197	3/4	76,098	3/4	87,993	3/4	99,913	3/4	111,834	3/4
6	6	17,093	6	29,013	6	40,614	6	52,529	6	64,445	6	76,345	6	88,241	6	100,162	6	112,082	6
1/4	1/4	17,342	1/4	29,255	1/4	40,862	1/4	52,778	1/4	64,694	1/4	76,592	1/4	88,490	1/4	100,410	1/4	112,331	1/4
1/2	1/2	17,591	1/2	29,497	1/2	41,110	1/2	53,026	1/2	64,942	1/2	76,839	1/2	88,738	1/2	100,658	1/2	112,579	1/2
3/4	3/4	17,840	3/4	29,739	3/4	41,358	3/4	53,274	3/4	65,190	3/4	77,087	3/4	88,986	3/4	100,907	3/4	112,827	3/4
7	7	18,089	7	29,981	7	41,607	7	53,522	7	65,438	7	77,334	7	89,235	7	101,155	7	113,076	7
1/4	1/4	18,337	1/4	30,222	1/4	41,855	1/4	53,771	1/4	65,687	1/4	77,581	1/4	89,483	1/4	101,404	1/4	113,324	1/4
1/2	1/2	18,586	1/2	30,464	1/2	42,103	1/2	54,019	1/2	65,935	1/2	77,829	1/2	89,731	1/2	101,652	1/2	113,572	1/2
3/4	3/4	18,835	3/4	30,705	3/4	42,351	3/4	54,267	3/4	66,183	3/4	78,076	3/4	89,980	3/4	101,900	3/4	113,821	3/4
8	8	19,084	8	30,946	8	42,600	8	54,515	8	66,431	8	78,323	8	90,228	8	102,149	8	114,069	8
1/4	1/4	19,332	1/4	31,186	1/4	42,848	1/4	54,764	1/4	66,680	1/4	78,571	1/4	90,476	1/4	102,397	1/4	114,317	1/4
1/2	1/2	19,581	1/2	31,426	1/2	43,086	1/2	55,012	1/2	66,928	1/2	78,818	1/2	90,725	1/2	102,645	1/2	114,566	1/2
3/4	3/4	19,829	3/4	31,666	3/4	43,344	3/4	55,260	3/4	67,176	3/4	79,065	3/4	90,973	3/4	102,894	3/4	114,814	3/4
9	9	20,077	9	31,906	9	43,593	9	55,508	9	67,424	9	79,312	9	91,221	9	103,142	9	115,063	9
1/4	1/4	20,326	1/4	32,145	1/4	43,841	1/4	55,757	1/4	67,673	1/4	79,560	1/4	91,470	1/4	103,390	1/4	115,311	1/4
1/2	1/2	20,574	1/2	32,385	1/2	44,089	1/2	56,005	1/2	67,921	1/2	79,807	1/2	91,718	1/2	103,639	1/2	115,559	1/2
3/4	3/4	20,823	3/4	32,625	3/4	44,337	3/4	56,253	3/4	68,169	3/4	80,054	3/4	91,966	3/4	103,887	3/4	115,807	3/4
10	10	21,071	10	32,865	10	44,586	10	56,501	10	68,417	10	80,302	10	92,215	10	104,135	10	116,056	10
1/4	1/4	21,319	1/4	33,104	1/4	44,834	1/4	56,750	1/4	68,666	1/4	80,549	1/4	92,463	1/4	104,384	1/4	116,304	1/4
1/2	1/2	21,568	1/2	33,344	1/2	45,082	1/2	56,998	1/2	68,914	1/2	80,796	1/2	92,711	1/2	104,632	1/2	116,552	1/2
3/4	3/4	21,816	3/4	33,584	3/4	45,330	3/4	57,246	3/4	69,162	3/4	81,043	3/4	92,960	3/4	104,880	3/4	116,800	3/4
11	11	22,065	11	33,824	11	45,579	11	57,494	11	69,410	11	81,291	11	93,208	11	105,129	11	117,048	11
1/4	1/4	22,313	1/4	34,063	1/4	45,827	1/4	57,743	1/4	69,659	1/4	81,538	1/4	93,456	1/4	105,377	1/4	117,296	1/4
1/2	1/2	22,561	1/2	34,303	1/2	46,075	1/2	57,991	1/2	69,907	1/2	81,786	1/2	93,705	1/2	105,625	1/2	117,544	1/2
3/4	3/4	22,810	3/4	34,543	3/4	46,323	3/4	58,239	3/4	70,155	3/4	82,033	3/4	93,953	3/4	105,874	3/4	117,791	3/4

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 30'-00" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1302"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	118,039	0	129,123	0	139,320	0	149,516	0	159,712	0	169,881	0	179,999	0	189,999	0	199,999	0	199,999
1/4	118,287	1/4	129,336	1/4	139,532	1/4	149,728	1/4	159,925	1/4	170,027	1/4	180,124	1/4	190,221	1/4	200,318	1/4	200,318
1/2	118,535	1/2	129,548	1/2	139,744	1/2	149,941	1/2	160,137	1/2	170,172	1/2	180,269	1/2	190,366	1/2	200,463	1/2	200,463
3/4	118,783	3/4	129,761	3/4	139,957	3/4	150,153	3/4	160,349	3/4	170,317	3/4	180,414	3/4	190,511	3/4	200,608	3/4	200,608
1	119,031	1	129,973	1	140,169	1	150,366	1	160,562	1	170,462	1	180,559	1	190,656	1	200,753	1	200,753
1 1/4	119,279	1 1/4	130,185	1 1/4	140,382	1 1/4	150,578	1 1/4	160,774	1 1/4	170,529	1 1/4	180,626	1 1/4	190,723	1 1/4	200,820	1 1/4	200,820
1 1/2	119,527	1 1/2	130,398	1 1/2	140,594	1 1/2	150,790	1 1/2	160,987	1 1/2	170,597	1 1/2	180,694	1 1/2	190,791	1 1/2	200,888	1 1/2	200,888
1 3/4	119,775	1 3/4	130,610	1 3/4	140,807	1 3/4	151,003	1 3/4	161,199	1 3/4	170,664	1 3/4	180,761	1 3/4	190,858	1 3/4	200,955	1 3/4	200,955
2	120,023	2	130,823	2	141,019	2	151,215	2	161,412	2	170,731	2	180,828	2	190,925	2	201,022	2	201,022
1/4	120,271	1/4	131,035	1/4	141,231	1/4	151,428	1/4	161,624	1/4	170,752	1/4	180,849	1/4	190,946	1/4	201,043	1/4	201,043
1/2	120,519	1/2	131,248	1/2	141,444	1/2	151,640	1/2	161,836	1/2	170,833	1/2	180,930	1/2	191,027	1/2	201,140	1/2	201,140
3/4	120,767	3/4	131,460	3/4	141,656	3/4	151,853	3/4	162,049	3/4	170,999	3/4	181,096	3/4	191,193	3/4	201,243	3/4	201,243
3	121,015	3	131,672	3	141,869	3	152,065	3	162,261	3	170,961	3	181,058	3	191,155	3	201,252	3	201,252
1/4	121,263	1/4	131,885	1/4	142,081	1/4	152,277	1/4	162,474	1/4	171,011	1/4	181,108	1/4	191,205	1/4	201,302	1/4	201,302
1/2	121,511	1/2	132,097	1/2	142,294	1/2	152,490	1/2	162,686	1/2	171,167	1/2	181,264	1/2	191,361	1/2	201,408	1/2	201,408
3/4	121,759	3/4	132,310	3/4	142,506	3/4	152,702	3/4	162,899	3/4	171,264	3/4	181,361	3/4	191,458	3/4	201,505	3/4	201,505
4	122,007	4	132,522	4	142,718	4	152,915	4	163,111	4	171,366	4	181,464	4	191,561	4	201,602	4	201,602
1/4	122,255	1/4	132,735	1/4	142,931	1/4	153,127	1/4	163,323	1/4	171,467	1/4	181,564	1/4	191,661	1/4	201,709	1/4	201,709
1/2	122,503	1/2	132,947	1/2	143,143	1/2	153,339	1/2	163,536	1/2	171,568	1/2	181,665	1/2	191,758	1/2	201,806	1/2	201,806
3/4	122,751	3/4	133,159	3/4	143,356	3/4	153,552	3/4	163,748	3/4	171,669	3/4	181,766	3/4	191,855	3/4	201,903	3/4	201,903
5	122,999	5	133,372	5	143,568	5	153,764	5	163,961	5	171,770	5	181,867	5	191,956	5	202,004	5	202,004
1/4	123,243	1/4	133,584	1/4	143,780	1/4	153,977	1/4	164,173	1/4	171,871	1/4	181,968	1/4	192,057	1/4	202,102	1/4	202,102
1/2	123,486	1/2	133,797	1/2	143,993	1/2	154,189	1/2	164,385	1/2	171,972	1/2	182,069	1/2	192,158	1/2	202,200	1/2	202,200
3/4	123,730	3/4	134,009	3/4	144,205	3/4	154,402	3/4	164,598	3/4	172,073	3/4	182,170	3/4	192,259	3/4	202,297	3/4	202,297
6	123,973	6	134,221	6	144,418	6	154,614	6	164,810	6	172,174	6	182,271	6	192,360	6	202,345	6	202,345
1/4	124,199	1/4	134,434	1/4	144,630	1/4	154,826	1/4	165,023	1/4	172,275	1/4	182,372	1/4	192,459	1/4	202,444	1/4	202,444
1/2	124,424	1/2	134,646	1/2	144,843	1/2	155,039	1/2	165,235	1/2	172,376	1/2	182,473	1/2	192,558	1/2	202,543	1/2	202,543
3/4	124,649	3/4	134,859	3/4	145,055	3/4	155,251	3/4	165,448	3/4	172,477	3/4	182,570	3/4	192,657	3/4	202,642	3/4	202,642
7	124,875	7	135,071	7	145,267	7	155,464	7	165,660	7	172,578	7	182,667	7	192,746	7	202,741	7	202,741
1/4	125,087	1/4	135,284	1/4	145,480	1/4	155,676	1/4	165,872	1/4	172,679	1/4	182,766	1/4	192,845	1/4	202,840	1/4	202,840
1/2	125,300	1/2	135,496	1/2	145,692	1/2	155,889	1/2	166,085	1/2	172,780	1/2	182,863	1/2	192,942	1/2	202,937	1/2	202,937
3/4	125,512	3/4	135,708	3/4	145,905	3/4	156,101	3/4	166,297	3/4	172,881	3/4	182,950	3/4	193,029	3/4	203,036	3/4	203,036
8	125,725	8	135,921	8	146,117	8	156,313	8	166,510	8	172,982	8	183,039	8	193,108	8	203,137	8	203,137
1/4	125,937	1/4	136,133	1/4	146,330	1/4	156,526	1/4	166,722	1/4	173,083	1/4	183,130	1/4	193,209	1/4	203,238	1/4	203,238
1/2	126,149	1/2	136,346	1/2	146,542	1/2	156,738	1/2	166,934	1/2	173,184	1/2	183,226	1/2	193,298	1/2	203,337	1/2	203,337
3/4	126,362	3/4	136,558	3/4	146,754	3/4	156,951	3/4	167,147	3/4	173,285	3/4	183,317	3/4	193,380	3/4	203,436	3/4	203,436
9	126,574	9	136,771	9	146,967	9	157,163	9	167,359	9	173,386	9	183,408	9	193,472	9	203,535	9	203,535
1/4	126,787	1/4	136,983	1/4	147,179	1/4	157,376	1/4	167,571	1/4	173,487	1/4	183,499	1/4	193,555	1/4	203,634	1/4	203,634
1/2	126,999	1/2	137,195	1/2	147,392	1/2	157,588	1/2	167,783	1/2	173,588	1/2	183,590	1/2	193,646	1/2	203,733	1/2	203,733
3/4	127,212	3/4	137,408	3/4	147,604	3/4	157,800	3/4	167,995	3/4	173,689	3/4	183,681	3/4	193,737	3/4	203,832	3/4	203,832
10	127,424	10	137,620	10	147,817	10	158,013	10	168,207	10	173,788	10	183,772	10	193,828	10	203,931	10	203,931
1/4	127,636	1/4	137,833	1/4	148,029	1/4	158,225	1/4	168,420	1/4	173,887	1/4	183,863	1/4	193,920	1/4	204,030	1/4	204,030
1/2	127,849	1/2	138,045	1/2	148,241	1/2	158,438	1/2	168,633	1/2	173,986	1/2	183,954	1/2	194,019	1/2	204,129	1/2	204,129
3/4	128,061	3/4	138,258	3/4	148,454	3/4	158,650	3/4	168,846	3/4	174,085	3/4	184,050	3/4	194,108	3/4	204,228	3/4	204,228
11	128,274	11	138,470	11	148,666	11	158,862	11	169,059	11	174,184	11	184,149	11	194,207	11	204,327	11	204,327
1/4	128,486	1/4	138,682	1/4	148,879	1/4	159,075	1/4	169,272	1/4	174,283	1/4	184,238	1/4	194,296	1/4	204,426	1/4	204,426
1/2	128,698	1/2	138,895	1/2	149,091	1/2	159,287	1/2	169,470	1/2	174,382	1/2	184,337	1/2	194,395	1/2	204,525	1/2	204,525
3/4	128,911	3/4	139,107	3/4	149,303	3/4	159,500	3/4	169,676	3/4	174,481	3/4	184,441	3/4	194,494	3/4	204,624	3/4	204,624

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/09/2019 JS
 CALCULATED: 08/10/2019 CL
 PRINTED: 08/11/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
 http://www.pma-inc.com



BARGE "IB 1302"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	74	0	9,447	0	19,730	0	29,854	0	40,043	0	50,326	0	60,610	0	70,893	0	81,177	0	91,460
1/4	138	1/4	9,661	1/4	19,944	1/4	30,062	1/4	40,257	1/4	50,541	1/4	60,824	1/4	71,107	1/4	81,391	1/4	91,674
1/2	202	1/2	9,875	1/2	20,158	1/2	30,270	1/2	40,471	1/2	50,755	1/2	61,038	1/2	71,322	1/2	81,605	1/2	91,888
3/4	267	3/4	10,089	3/4	20,372	3/4	30,477	3/4	40,686	3/4	50,969	3/4	61,252	3/4	71,536	3/4	81,819	3/4	92,103
1	331	1	10,304	1	20,587	1	30,685	1	40,900	1	51,183	1	61,467	1	71,750	1	82,034	1	92,317
1/4	478	1/4	10,518	1/4	20,801	1/4	30,893	1/4	41,114	1/4	51,398	1/4	61,681	1/4	71,964	1/4	82,248	1/4	92,531
1/2	625	1/2	10,732	1/2	21,015	1/2	31,101	1/2	41,328	1/2	51,612	1/2	61,895	1/2	72,179	1/2	82,462	1/2	92,745
3/4	772	3/4	10,946	3/4	21,229	3/4	31,309	3/4	41,543	3/4	51,826	3/4	62,109	3/4	72,393	3/4	82,676	3/4	92,960
2	1,124	2	11,160	2	21,443	2	31,517	2	41,757	2	52,040	2	62,324	2	72,607	2	82,890	2	93,174
1/4	1,271	1/4	11,375	1/4	21,658	1/4	31,725	1/4	41,971	1/4	52,255	1/4	62,538	1/4	72,821	1/4	83,105	1/4	93,388
1/2	1,418	1/2	11,589	1/2	21,872	1/2	31,933	1/2	42,185	1/2	52,469	1/2	62,752	1/2	73,036	1/2	83,319	1/2	93,602
3/4	1,564	3/4	11,803	3/4	22,086	3/4	32,141	3/4	42,400	3/4	52,683	3/4	62,966	3/4	73,250	3/4	83,533	3/4	93,817
3	1,739	3	12,017	3	22,300	3	32,349	3	42,614	3	52,897	3	63,181	3	73,464	3	83,747	3	94,031
1/4	1,952	1/4	12,232	1/4	22,515	1/4	32,559	1/4	42,828	1/4	53,111	1/4	63,395	1/4	73,678	1/4	83,962	1/4	94,245
1/2	2,165	1/2	12,446	1/2	22,729	1/2	32,768	1/2	43,042	1/2	53,326	1/2	63,609	1/2	73,893	1/2	84,176	1/2	94,459
3/4	2,379	3/4	12,660	3/4	22,943	3/4	32,978	3/4	43,257	3/4	53,540	3/4	63,823	3/4	74,107	3/4	84,390	3/4	94,674
4	2,592	4	12,874	4	23,157	4	33,187	4	43,471	4	53,754	4	64,038	4	74,321	4	84,604	4	94,888
1/4	2,806	1/4	13,089	1/4	23,371	1/4	33,402	1/4	43,685	1/4	53,968	1/4	64,252	1/4	74,535	1/4	84,819	1/4	95,102
1/2	3,020	1/2	13,303	1/2	23,586	1/2	33,616	1/2	43,899	1/2	54,183	1/2	64,466	1/2	74,749	1/2	85,033	1/2	95,316
3/4	3,234	3/4	13,517	3/4	23,800	3/4	33,830	3/4	44,113	3/4	54,397	3/4	64,680	3/4	74,964	3/4	85,247	3/4	95,531
5	3,448	5	13,731	5	24,014	5	34,044	5	44,328	5	54,611	5	64,895	5	75,178	5	85,461	5	95,745
1/4	3,662	1/4	13,945	1/4	24,227	1/4	34,259	1/4	44,542	1/4	54,825	1/4	65,109	1/4	75,392	1/4	85,676	1/4	96,029
1/2	3,877	1/2	14,160	1/2	24,439	1/2	34,473	1/2	44,756	1/2	55,040	1/2	65,323	1/2	75,606	1/2	85,890	1/2	96,173
3/4	4,091	3/4	14,374	3/4	24,652	3/4	34,687	3/4	44,970	3/4	55,254	3/4	65,537	3/4	75,821	3/4	86,104	3/4	96,387
6	4,305	6	14,588	6	24,865	6	34,901	6	45,185	6	55,468	6	65,751	6	76,035	6	86,318	6	96,602
1/4	4,519	1/4	14,802	1/4	25,077	1/4	35,116	1/4	45,399	1/4	55,682	1/4	65,966	1/4	76,249	1/4	86,533	1/4	96,816
1/2	4,734	1/2	15,017	1/2	25,289	1/2	35,330	1/2	45,613	1/2	55,897	1/2	66,180	1/2	76,463	1/2	86,747	1/2	97,030
3/4	4,948	3/4	15,231	3/4	25,488	3/4	35,544	3/4	45,827	3/4	56,111	3/4	66,394	3/4	76,678	3/4	86,961	3/4	97,244
7	5,162	7	15,445	7	25,695	7	35,758	7	46,042	7	56,325	7	66,608	7	76,892	7	87,175	7	97,459
1/4	5,376	1/4	15,659	1/4	25,903	1/4	35,972	1/4	46,256	1/4	56,539	1/4	66,823	1/4	77,106	1/4	87,389	1/4	97,673
1/2	5,591	1/2	15,874	1/2	26,111	1/2	36,187	1/2	46,470	1/2	56,753	1/2	67,037	1/2	77,320	1/2	87,604	1/2	97,887
3/4	5,805	3/4	16,088	3/4	26,319	3/4	36,401	3/4	46,684	3/4	56,968	3/4	67,251	3/4	77,535	3/4	87,818	3/4	98,101
8	6,019	8	16,302	8	26,526	8	36,615	8	46,899	8	57,182	8	67,465	8	77,749	8	88,032	8	98,316
1/4	6,233	1/4	16,516	1/4	26,734	1/4	36,829	1/4	47,113	1/4	57,396	1/4	67,680	1/4	77,963	1/4	88,246	1/4	98,530
1/2	6,447	1/2	16,730	1/2	26,942	1/2	37,044	1/2	47,327	1/2	57,610	1/2	67,894	1/2	78,177	1/2	88,461	1/2	98,744
3/4	6,662	3/4	16,945	3/4	27,150	3/4	37,258	3/4	47,541	3/4	57,825	3/4	68,108	3/4	78,391	3/4	88,675	3/4	99,028
9	6,876	9	17,159	9	27,358	9	37,472	9	47,756	9	58,039	9	68,322	9	78,606	9	88,889	9	99,173
1/4	7,090	1/4	17,373	1/4	27,566	1/4	37,686	1/4	47,970	1/4	58,253	1/4	68,537	1/4	78,820	1/4	89,103	1/4	99,387
1/2	7,304	1/2	17,587	1/2	27,774	1/2	37,901	1/2	48,184	1/2	58,467	1/2	68,751	1/2	79,034	1/2	89,318	1/2	99,601
3/4	7,519	3/4	17,802	3/4	27,982	3/4	38,115	3/4	48,398	3/4	58,682	3/4	68,965	3/4	79,248	3/4	89,532	3/4	99,815
10	7,733	10	18,016	10	28,190	10	38,329	10	48,612	10	58,896	10	69,179	10	79,463	10	89,746	10	100,029
1/4	7,947	1/4	18,230	1/4	28,398	1/4	38,543	1/4	48,827	1/4	59,110	1/4	69,394	1/4	79,677	1/4	89,960	1/4	100,244
1/2	8,161	1/2	18,444	1/2	28,606	1/2	38,758	1/2	49,041	1/2	59,324	1/2	69,608	1/2	79,891	1/2	90,175	1/2	100,458
3/4	8,376	3/4	18,658	3/4	28,814	3/4	38,972	3/4	49,255	3/4	59,539	3/4	69,822	3/4	80,105	3/4	90,389	3/4	100,672
11	8,590	11	18,873	11	29,022	11	39,186	11	49,469	11	59,753	11	70,036	11	80,320	11	90,603	11	100,886
1/4	8,804	1/4	19,087	1/4	29,230	1/4	39,400	1/4	49,684	1/4	59,967	1/4	70,250	1/4	80,534	1/4	90,817	1/4	101,101
1/2	9,018	1/2	19,301	1/2	29,438	1/2	39,614	1/2	49,898	1/2	60,181	1/2	70,465	1/2	80,748	1/2	91,032	1/2	101,315
3/4	9,232	3/4	19,515	3/4	29,646	3/4	39,829	3/4	50,112	3/4	60,396	3/4	70,679	3/4	80,962	3/4	91,246	3/4	101,529

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IMPMS 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 77568
<http://www.pmacorp.net>



BARGE "IB 1302"

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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	101,743	0	112,027	0	122,310	0	132,594	0	142,877	0	153,043	0	163,228	0	173,413	0	183,598	0	193,783
1/4	101,958	1/4	112,241	1/4	122,524	1/4	132,808	1/4	143,091	1/4	153,168	1/4	163,251	1/4	173,334	1/4	183,417	1/4	193,500
1/2	102,172	1/2	112,455	1/2	122,739	1/2	133,022	1/2	143,305	1/2	153,293	1/2	163,386	1/2	173,479	1/2	183,572	1/2	193,665
3/4	102,386	3/4	112,670	3/4	122,953	3/4	133,236	3/4	143,520	3/4	153,418	3/4	163,511	3/4	173,604	3/4	183,697	3/4	193,790
1	102,600	1	112,884	1	123,167	1	133,451	1	143,734	1	153,543	1	163,836	1	174,129	1	184,422	1	194,715
1/4	102,815	1/4	113,098	1/4	123,381	1/4	133,665	1/4	143,948	1/4	153,601	1/4	163,884	1/4	174,167	1/4	184,450	1/4	194,733
1/2	103,029	1/2	113,312	1/2	123,596	1/2	133,879	1/2	144,162	1/2	153,699	1/2	163,982	1/2	174,265	1/2	184,548	1/2	194,831
3/4	103,243	3/4	113,526	3/4	123,810	3/4	134,093	3/4	144,377	3/4	153,717	3/4	164,000	3/4	174,283	3/4	184,566	3/4	194,849
2	103,457	2	113,741	2	124,024	2	134,308	2	144,591	2	153,775	2	164,058	2	174,341	2	184,624	2	194,907
1/4	103,672	1/4	113,955	1/4	124,238	1/4	134,522	1/4	144,805	1/4	153,793	1/4	164,080	1/4	174,363	1/4	184,646	1/4	194,929
1/2	103,886	1/2	114,169	1/2	124,453	1/2	134,736	1/2	145,019	1/2	153,807	1/2	164,090	1/2	174,373	1/2	184,656	1/2	194,939
3/4	104,100	3/4	114,383	3/4	124,667	3/4	134,950	3/4	145,234	3/4	153,831	3/4	164,114	3/4	174,397	3/4	184,679	3/4	195,003
3	104,314	3	114,598	3	124,881	3	135,164	3	145,448	3	153,852	3	164,138	3	174,421	3	184,693	3	195,017
1/4	104,528	1/4	114,812	1/4	125,095	1/4	135,379	1/4	145,662	1/4	153,866	1/4	164,152	1/4	174,435	1/4	184,707	1/4	195,031
1/2	104,743	1/2	115,026	1/2	125,310	1/2	135,593	1/2	145,876	1/2	153,876	1/2	164,166	1/2	174,449	1/2	184,721	1/2	195,045
3/4	104,957	3/4	115,240	3/4	125,524	3/4	135,807	3/4	146,091	3/4	153,890	3/4	164,180	3/4	174,463	3/4	184,735	3/4	195,059
4	105,171	4	115,455	4	125,738	4	136,021	4	146,305	4	153,904	4	164,194	4	174,477	4	184,749	4	195,073
1/4	105,385	1/4	115,669	1/4	125,952	1/4	136,236	1/4	146,519	1/4	153,918	1/4	164,208	1/4	174,491	1/4	184,763	1/4	195,087
1/2	105,600	1/2	115,883	1/2	126,166	1/2	136,450	1/2	146,733	1/2	153,932	1/2	164,222	1/2	174,505	1/2	184,777	1/2	195,101
3/4	105,814	3/4	116,097	3/4	126,381	3/4	136,664	3/4	146,948	3/4	153,946	3/4	164,236	3/4	174,519	3/4	184,791	3/4	195,115
5	106,028	5	116,312	5	126,595	5	136,878	5	147,162	5	153,954	5	164,250	5	174,533	5	184,805	5	195,129
1/4	106,242	1/4	116,526	1/4	126,809	1/4	137,093	1/4	147,376	1/4	153,962	1/4	164,264	1/4	174,547	1/4	184,819	1/4	195,143
1/2	106,457	1/2	116,740	1/2	127,023	1/2	137,307	1/2	147,590	1/2	153,970	1/2	164,278	1/2	174,561	1/2	184,833	1/2	195,157
3/4	106,671	3/4	116,954	3/4	127,238	3/4	137,521	3/4	147,804	3/4	153,978	3/4	164,292	3/4	174,575	3/4	184,847	3/4	195,171
6	106,885	6	117,169	6	127,452	6	137,735	6	148,019	6	153,986	6	164,306	6	174,589	6	184,861	6	195,185
1/4	107,099	1/4	117,383	1/4	127,666	1/4	137,950	1/4	148,233	1/4	153,994	1/4	164,320	1/4	174,603	1/4	184,875	1/4	195,199
1/2	107,314	1/2	117,597	1/2	127,880	1/2	138,164	1/2	148,447	1/2	153,999	1/2	164,334	1/2	174,617	1/2	184,889	1/2	195,213
3/4	107,528	3/4	117,811	3/4	128,095	3/4	138,378	3/4	148,661	3/4	154,004	3/4	164,348	3/4	174,631	3/4	184,903	3/4	195,227
7	107,742	7	118,025	7	128,309	7	138,592	7	148,876	7	154,008	7	164,362	7	174,645	7	184,917	7	195,241
1/4	107,956	1/4	118,240	1/4	128,523	1/4	138,806	1/4	149,090	1/4	154,012	1/4	164,376	1/4	174,659	1/4	184,931	1/4	195,255
1/2	108,171	1/2	118,454	1/2	128,737	1/2	139,021	1/2	149,304	1/2	154,016	1/2	164,390	1/2	174,673	1/2	184,945	1/2	195,269
3/4	108,385	3/4	118,668	3/4	128,952	3/4	139,235	3/4	149,518	3/4	154,020	3/4	164,404	3/4	174,687	3/4	184,959	3/4	195,283
8	108,599	8	118,882	8	129,166	8	139,449	8	149,733	8	154,024	8	164,418	8	174,701	8	184,973	8	195,297
1/4	108,813	1/4	119,097	1/4	129,380	1/4	139,663	1/4	149,947	1/4	154,028	1/4	164,432	1/4	174,715	1/4	184,987	1/4	195,311
1/2	109,027	1/2	119,311	1/2	129,594	1/2	139,878	1/2	150,161	1/2	154,032	1/2	164,446	1/2	174,729	1/2	185,001	1/2	195,325
3/4	109,242	3/4	119,525	3/4	129,809	3/4	140,092	3/4	150,375	3/4	154,036	3/4	164,460	3/4	174,743	3/4	185,015	3/4	195,339
9	109,456	9	119,739	9	130,023	9	140,306	9	150,589	9	154,040	9	164,474	9	174,757	9	185,029	9	195,353
1/4	109,670	1/4	119,954	1/4	130,237	1/4	140,520	1/4	150,803	1/4	154,044	1/4	164,488	1/4	174,771	1/4	185,043	1/4	195,367
1/2	109,884	1/2	120,168	1/2	130,451	1/2	140,735	1/2	151,017	1/2	154,048	1/2	164,502	1/2	174,785	1/2	185,057	1/2	195,381
3/4	110,099	3/4	120,382	3/4	130,665	3/4	140,949	3/4	151,231	3/4	154,052	3/4	164,516	3/4	174,799	3/4	185,071	3/4	195,395
10	110,313	10	120,596	10	130,880	10	141,163	10	151,445	10	154,056	10	164,530	10	174,813	10	185,085	10	195,409
1/4	110,527	1/4	120,811	1/4	131,094	1/4	141,377	1/4	151,655	1/4	154,060	1/4	164,544	1/4	174,827	1/4	185,099	1/4	195,423
1/2	110,741	1/2	121,025	1/2	131,308	1/2	141,592	1/2	151,866	1/2	154,064	1/2	164,558	1/2	174,841	1/2	185,113	1/2	195,437
3/4	110,956	3/4	121,239	3/4	131,522	3/4	141,806	3/4	152,077	3/4	154,068	3/4	164,572	3/4	174,855	3/4	185,127	3/4	195,451
11	111,170	11	121,453	11	131,737	11	142,020	11	152,288	11	154,072	11	164,586	11	174,869	11	185,141	11	195,465
1/4	111,384	1/4	121,667	1/4	131,951	1/4	142,234	1/4	152,477	1/4	154,076	1/4	164,600	1/4	174,883	1/4	185,155	1/4	195,479
1/2	111,598	1/2	121,882	1/2	132,165	1/2	142,449	1/2	152,666	1/2	154,080	1/2	164,614	1/2	174,897	1/2	185,169	1/2	195,493
3/4	111,813	3/4	122,096	3/4	132,379	3/4	142,663	3/4	152,854	3/4	154,084	3/4	164,628	3/4	174,911	3/4	185,183	3/4	195,507

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/09/2019 JS
CALCULATED: 08/10/2019 CL
PRINTED: 08/11/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
http://www.pmtacorp.net



BARGE "IB 1302"

3 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	9,502	0	19,846	0	30,165	0	40,497	0	50,841	0	61,184	0	71,528	0	81,872	0	92,216	
1/4	1/4	9,717	1/4	20,061	1/4	30,380	1/4	40,712	1/4	51,056	1/4	61,400	1/4	71,744	1/4	82,088	1/4	92,432	
1/2	1/2	9,933	1/2	20,277	1/2	30,594	1/2	40,928	1/2	51,272	1/2	61,615	1/2	71,959	1/2	82,303	1/2	92,647	
3/4	3/4	10,148	3/4	20,492	3/4	30,809	3/4	41,143	3/4	51,487	3/4	61,831	3/4	72,175	3/4	82,519	3/4	92,863	
1	1	10,364	1	20,707	1	31,023	1	41,359	1	51,703	1	62,046	1	72,390	1	82,734	1	93,078	
1/4	1/4	10,579	1/4	20,923	1/4	31,238	1/4	41,574	1/4	51,918	1/4	62,262	1/4	72,606	1/4	82,950	1/4	93,294	
1/2	1/2	10,795	1/2	21,138	1/2	31,452	1/2	41,790	1/2	52,133	1/2	62,477	1/2	72,821	1/2	83,165	1/2	93,509	
3/4	3/4	11,010	3/4	21,354	3/4	31,667	3/4	42,005	3/4	52,349	3/4	62,693	3/4	73,037	3/4	83,381	3/4	93,725	
2	2	11,226	2	21,569	2	31,881	2	42,221	2	52,564	2	62,908	2	73,252	2	83,596	2	93,940	
1/4	1/4	11,441	1/4	21,785	1/4	32,096	1/4	42,436	1/4	52,780	1/4	63,124	1/4	73,468	1/4	83,812	1/4	94,156	
1/2	1/2	11,657	1/2	22,000	1/2	32,311	1/2	42,652	1/2	52,995	1/2	63,339	1/2	73,683	1/2	84,027	1/2	94,371	
3/4	3/4	11,872	3/4	22,216	3/4	32,526	3/4	42,867	3/4	53,211	3/4	63,555	3/4	73,899	3/4	84,243	3/4	94,587	
3	3	12,088	3	22,431	3	32,741	3	43,083	3	53,426	3	63,770	3	74,114	3	84,458	3	94,802	
1/4	1/4	12,303	1/4	22,647	1/4	32,956	1/4	43,298	1/4	53,642	1/4	63,986	1/4	74,330	1/4	84,674	1/4	95,018	
1/2	1/2	12,519	1/2	22,862	1/2	33,171	1/2	43,514	1/2	53,857	1/2	64,201	1/2	74,545	1/2	84,889	1/2	95,233	
3/4	3/4	12,734	3/4	23,078	3/4	33,386	3/4	43,729	3/4	54,073	3/4	64,417	3/4	74,761	3/4	85,105	3/4	95,449	
4	4	12,950	4	23,293	4	33,601	4	43,945	4	54,288	4	64,632	4	74,976	4	85,320	4	95,664	
1/4	1/4	13,165	1/4	23,509	1/4	33,816	1/4	44,160	1/4	54,504	1/4	64,848	1/4	75,192	1/4	85,536	1/4	95,880	
1/2	1/2	13,381	1/2	23,724	1/2	34,032	1/2	44,376	1/2	54,719	1/2	65,063	1/2	75,407	1/2	85,751	1/2	96,095	
3/4	3/4	13,596	3/4	23,940	3/4	34,247	3/4	44,591	3/4	54,935	3/4	65,279	3/4	75,623	3/4	85,967	3/4	96,311	
5	5	13,812	5	24,155	5	34,463	5	44,807	5	55,150	5	65,494	5	75,838	5	86,182	5	96,526	
1/4	1/4	14,027	1/4	24,371	1/4	34,678	1/4	45,022	1/4	55,366	1/4	65,710	1/4	76,054	1/4	86,398	1/4	96,742	
1/2	1/2	14,243	1/2	24,586	1/2	34,894	1/2	45,238	1/2	55,581	1/2	65,925	1/2	76,269	1/2	86,613	1/2	96,957	
3/4	3/4	14,458	3/4	24,801	3/4	35,109	3/4	45,453	3/4	55,797	3/4	66,141	3/4	76,485	3/4	86,829	3/4	97,173	
6	6	14,674	6	25,016	6	35,325	6	45,669	6	56,012	6	66,356	6	76,700	6	87,044	6	97,388	
1/4	1/4	14,889	1/4	25,231	1/4	35,540	1/4	45,884	1/4	56,228	1/4	66,572	1/4	76,916	1/4	87,260	1/4	97,604	
1/2	1/2	15,105	1/2	25,445	1/2	35,756	1/2	46,100	1/2	56,443	1/2	66,787	1/2	77,131	1/2	87,475	1/2	97,819	
3/4	3/4	15,320	3/4	25,660	3/4	35,971	3/4	46,315	3/4	56,659	3/4	67,003	3/4	77,347	3/4	87,691	3/4	98,035	
7	7	15,536	7	25,874	7	36,187	7	46,531	7	56,874	7	67,218	7	77,562	7	87,906	7	98,250	
1/4	1/4	15,751	1/4	26,089	1/4	36,402	1/4	46,746	1/4	57,090	1/4	67,434	1/4	77,778	1/4	88,122	1/4	98,466	
1/2	1/2	15,967	1/2	26,303	1/2	36,618	1/2	46,962	1/2	57,305	1/2	67,649	1/2	77,993	1/2	88,337	1/2	98,681	
3/4	3/4	16,182	3/4	26,518	3/4	36,833	3/4	47,177	3/4	57,521	3/4	67,865	3/4	78,209	3/4	88,553	3/4	98,897	
8	8	16,398	8	26,733	8	37,049	8	47,393	8	57,736	8	68,080	8	78,424	8	88,768	8	99,112	
1/4	1/4	16,613	1/4	26,947	1/4	37,264	1/4	47,608	1/4	57,952	1/4	68,296	1/4	78,640	1/4	88,984	1/4	99,328	
1/2	1/2	16,829	1/2	27,162	1/2	37,480	1/2	47,824	1/2	58,167	1/2	68,511	1/2	78,855	1/2	89,199	1/2	99,543	
3/4	3/4	17,044	3/4	27,376	3/4	37,695	3/4	48,039	3/4	58,383	3/4	68,727	3/4	79,071	3/4	89,415	3/4	99,759	
9	9	17,260	9	27,591	9	37,911	9	48,255	9	58,598	9	68,942	9	79,286	9	89,630	9	99,974	
1/4	1/4	17,475	1/4	27,805	1/4	38,126	1/4	48,470	1/4	58,814	1/4	69,158	1/4	79,502	1/4	89,846	1/4	100,190	
1/2	1/2	17,691	1/2	28,020	1/2	38,342	1/2	48,686	1/2	59,029	1/2	69,373	1/2	79,717	1/2	90,061	1/2	100,405	
3/4	3/4	17,906	3/4	28,234	3/4	38,557	3/4	48,901	3/4	59,245	3/4	69,589	3/4	79,933	3/4	90,277	3/4	100,621	
10	10	18,122	10	28,449	10	38,773	10	49,117	10	59,460	10	69,804	10	80,148	10	90,492	10	100,836	
1/4	1/4	18,337	1/4	28,663	1/4	38,988	1/4	49,332	1/4	59,676	1/4	70,020	1/4	80,364	1/4	90,708	1/4	101,052	
1/2	1/2	18,553	1/2	28,878	1/2	39,204	1/2	49,548	1/2	59,891	1/2	70,235	1/2	80,579	1/2	90,923	1/2	101,267	
3/4	3/4	18,768	3/4	29,092	3/4	39,419	3/4	49,763	3/4	60,107	3/4	70,451	3/4	80,795	3/4	91,139	3/4	101,483	
11	11	18,984	11	29,307	11	39,635	11	49,979	11	60,322	11	70,666	11	81,010	11	91,354	11	101,698	
1/4	1/4	19,199	1/4	29,521	1/4	39,850	1/4	50,194	1/4	60,538	1/4	70,882	1/4	81,226	1/4	91,570	1/4	101,914	
1/2	1/2	19,415	1/2	29,736	1/2	40,066	1/2	50,410	1/2	60,753	1/2	71,097	1/2	81,441	1/2	91,785	1/2	102,129	
3/4	3/4	19,630	3/4	29,950	3/4	40,281	3/4	50,625	3/4	60,969	3/4	71,313	3/4	81,657	3/4	92,001	3/4	102,345	

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 2992

Pearland, Texas 77588

http://www.pmacorp.net



BARGE "IB 1302"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	102,560	0	112,904	0	123,248	0	133,592	0	143,936	0	154,280	0	164,624	0	174,968	0	185,312	0	195,656
1/4	102,776	1/4	113,120	1/4	123,464	1/4	133,808	1/4	144,152	1/4	154,496	1/4	164,840	1/4	175,184	1/4	185,528	1/4	195,872
1/2	102,991	1/2	113,335	1/2	123,679	1/2	134,023	1/2	144,367	1/2	154,711	1/2	165,055	1/2	175,399	1/2	185,743	1/2	196,087
3/4	103,207	3/4	113,551	3/4	123,895	3/4	134,239	3/4	144,583	3/4	154,927	3/4	165,271	3/4	175,615	3/4	185,959	3/4	196,303
1	103,422	1	113,766	1	124,110	1	134,454	1	144,798	1	155,142	1	165,486	1	175,830	1	186,174	1	196,518
1/4	103,638	1/4	113,982	1/4	124,326	1/4	134,670	1/4	145,014	1/4	155,358	1/4	165,702	1/4	176,046	1/4	186,390	1/4	196,734
1/2	103,853	1/2	114,197	1/2	124,541	1/2	134,885	1/2	145,229	1/2	155,573	1/2	165,917	1/2	176,261	1/2	186,605	1/2	196,949
3/4	104,069	3/4	114,413	3/4	124,757	3/4	135,101	3/4	145,445	3/4	155,789	3/4	166,133	3/4	176,477	3/4	186,821	3/4	197,165
2	104,284	2	114,628	2	124,972	2	135,316	2	145,660	2	156,004	2	166,348	2	176,692	2	187,036	2	197,380
1/4	104,500	1/4	114,844	1/4	125,188	1/4	135,532	1/4	145,876	1/4	156,220	1/4	166,564	1/4	176,908	1/4	187,252	1/4	197,596
1/2	104,715	1/2	115,059	1/2	125,403	1/2	135,747	1/2	146,091	1/2	156,435	1/2	166,779	1/2	177,123	1/2	187,467	1/2	197,840
3/4	104,931	3/4	115,275	3/4	125,619	3/4	135,963	3/4	146,307	3/4	156,647	3/4	166,991	3/4	177,335	3/4	187,679	3/4	198,024
3	105,146	3	115,490	3	125,834	3	136,178	3	146,522	3	156,866	3	167,210	3	177,554	3	187,898	3	198,248
1/4	105,362	1/4	115,706	1/4	126,050	1/4	136,394	1/4	146,738	1/4	157,082	1/4	167,426	1/4	177,770	1/4	188,114	1/4	198,462
1/2	105,577	1/2	115,921	1/2	126,265	1/2	136,609	1/2	147,022	1/2	157,366	1/2	167,704	1/2	178,042	1/2	188,386	1/2	198,730
3/4	105,793	3/4	116,137	3/4	126,481	3/4	136,825	3/4	147,169	3/4	157,502	3/4	167,839	3/4	178,178	3/4	188,520	3/4	199,074
4	106,008	4	116,352	4	126,696	4	137,040	4	147,384	4	157,716	4	168,050	4	178,384	4	188,718	4	199,318
1/4	106,224	1/4	116,568	1/4	126,912	1/4	137,256	1/4	147,600	1/4	157,932	1/4	168,264	1/4	178,596	1/4	188,930	1/4	199,562
1/2	106,439	1/2	116,783	1/2	127,127	1/2	137,471	1/2	147,815	1/2	158,159	1/2	168,503	1/2	178,847	1/2	189,191	1/2	199,806
3/4	106,655	3/4	116,999	3/4	127,343	3/4	137,687	3/4	148,031	3/4	158,375	3/4	168,719	3/4	179,063	3/4	189,407	3/4	200,050
5	106,870	5	117,214	5	127,558	5	137,902	5	148,246	5	158,590	5	168,934	5	179,278	5	189,622	5	200,294
1/4	107,086	1/4	117,430	1/4	127,774	1/4	138,118	1/4	148,462	1/4	158,806	1/4	169,150	1/4	179,494	1/4	189,838	1/4	200,538
1/2	107,301	1/2	117,645	1/2	127,989	1/2	138,333	1/2	148,677	1/2	159,021	1/2	169,365	1/2	179,709	1/2	190,053	1/2	200,782
3/4	107,517	3/4	117,861	3/4	128,205	3/4	138,549	3/4	148,893	3/4	159,239	3/4	169,583	3/4	179,927	3/4	190,297	3/4	201,026
6	107,732	6	118,076	6	128,420	6	138,764	6	149,108	6	159,452	6	169,796	6	180,140	6	190,484	6	201,270
1/4	107,948	1/4	118,292	1/4	128,636	1/4	138,980	1/4	149,324	1/4	159,668	1/4	170,012	1/4	180,356	1/4	190,700	1/4	201,514
1/2	108,163	1/2	118,507	1/2	128,851	1/2	139,195	1/2	149,539	1/2	159,883	1/2	170,226	1/2	180,570	1/2	190,914	1/2	201,758
3/4	108,379	3/4	118,723	3/4	129,067	3/4	139,411	3/4	149,755	3/4	160,070	3/4	170,414	3/4	180,758	3/4	191,102	3/4	202,002
7	108,594	7	118,938	7	129,282	7	139,626	7	149,970	7	160,314	7	170,658	7	181,002	7	191,346	7	202,246
1/4	108,810	1/4	119,154	1/4	129,498	1/4	139,842	1/4	150,186	1/4	160,528	1/4	170,872	1/4	181,216	1/4	191,560	1/4	202,490
1/2	109,025	1/2	119,369	1/2	129,713	1/2	140,057	1/2	150,401	1/2	160,745	1/2	171,089	1/2	181,433	1/2	191,777	1/2	202,734
3/4	109,241	3/4	119,585	3/4	129,929	3/4	140,273	3/4	150,617	3/4	161,031	3/4	171,335	3/4	181,639	3/4	191,991	3/4	202,978
8	109,456	8	119,800	8	130,144	8	140,488	8	150,832	8	161,176	8	171,520	8	181,864	8	192,208	8	203,222
1/4	109,672	1/4	120,016	1/4	130,360	1/4	140,704	1/4	151,047	1/4	161,419	1/4	171,743	1/4	182,087	1/4	192,431	1/4	203,466
1/2	109,887	1/2	120,231	1/2	130,575	1/2	140,919	1/2	151,263	1/2	161,633	1/2	171,957	1/2	182,301	1/2	192,675	1/2	203,710
3/4	110,103	3/4	120,447	3/4	130,791	3/4	141,135	3/4	151,478	3/4	161,876	3/4	172,200	3/4	182,524	3/4	192,848	3/4	203,954
9	110,318	9	120,662	9	131,006	9	141,350	9	151,694	9	162,038	9	172,382	9	182,726	9	193,070	9	204,198
1/4	110,534	1/4	120,878	1/4	131,222	1/4	141,566	1/4	151,909	1/4	162,251	1/4	172,525	1/4	182,869	1/4	193,214	1/4	204,442
1/2	110,749	1/2	121,093	1/2	131,437	1/2	141,781	1/2	152,124	1/2	162,468	1/2	172,712	1/2	183,056	1/2	193,400	1/2	204,686
3/4	110,965	3/4	121,309	3/4	131,653	3/4	141,997	3/4	152,339	3/4	162,654	3/4	172,926	3/4	183,270	3/4	193,544	3/4	204,930
10	111,180	10	121,524	10	131,868	10	142,212	10	152,554	10	162,896	10	173,238	10	183,580	10	193,922	10	205,174
1/4	111,396	1/4	121,740	1/4	132,084	1/4	142,428	1/4	152,766	1/4	163,104	1/4	173,444	1/4	183,782	1/4	194,118	1/4	205,418
1/2	111,611	1/2	121,955	1/2	132,299	1/2	142,643	1/2	152,978	1/2	163,338	1/2	173,618	1/2	184,026	1/2	194,362	1/2	205,662
3/4	111,827	3/4	122,171	3/4	132,515	3/4	142,859	3/4	153,191	3/4	163,562	3/4	173,792	3/4	184,130	3/4	194,606	3/4	205,906
11	112,042	11	122,386	11	132,730	11	143,074	11	153,403	11	163,747	11	174,091	11	184,385	11	194,679	11	206,150
1/4	112,258	1/4	122,602	1/4	132,946	1/4	143,290	1/4	153,593	1/4	163,940	1/4	174,234	1/4	184,529	1/4	194,823	1/4	206,394
1/2	112,473	1/2	122,817	1/2	133,161	1/2	143,505	1/2	153,782	1/2	164,132	1/2	174,468	1/2	184,773	1/2	195,067	1/2	206,638
3/4	112,689	3/4	123,033	3/4	133,377	3/4	143,721	3/4	153,972	3/4	164,326	3/4	174,612	3/4	184,917	3/4	195,211	3/4	206,882

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/09/2019 JS
 CALCULATED: 08/10/2019 CL
 PRINTED: 08/11/2019 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 08/2019

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