

Goodlows



BARGE "IB 1323" INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
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	=	<u>4'-00"</u>
DIFF.	=	2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

April 15, 2020

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

<http://www.pmacorp.net>



BARGE "IB 1323"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

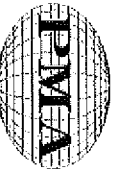
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	231	0	11,118	0	23,054	0	34,777	0	46,564	0	58,478	0	70,391	0	82,267	0	94,186	0	106,104
1/4	305	1/4	11,367	1/4	23,303	1/4	35,017	1/4	46,812	1/4	58,726	1/4	70,640	1/4	82,515	1/4	94,434	1/4	106,352
1/2	380	1/2	11,616	1/2	23,551	1/2	35,256	1/2	47,060	1/2	58,974	1/2	70,888	1/2	82,764	1/2	94,682	1/2	106,601
3/4	454	3/4	11,865	3/4	23,799	3/4	35,496	3/4	47,308	3/4	59,222	3/4	71,136	3/4	83,012	3/4	94,930	3/4	106,849
1	529	1	12,114	1	24,048	1	35,736	1	47,507	1	59,470	1	71,384	1	83,260	1	95,179	1	107,097
1 1/4	700	1 1/4	12,363	1 1/4	24,296	1 1/4	35,976	1 1/4	47,805	1 1/4	59,719	1 1/4	71,632	1 1/4	83,509	1 1/4	95,427	1 1/4	107,346
1 1/2	871	1 1/2	12,612	1 1/2	24,544	1 1/2	36,215	1 1/2	48,053	1 1/2	59,967	1 1/2	71,880	1 1/2	83,757	1 1/2	95,675	1 1/2	107,594
1 3/4	1,041	1 3/4	12,860	1 3/4	24,793	1 3/4	36,455	1 3/4	48,301	1 3/4	60,215	1 3/4	72,128	1 3/4	84,005	1 3/4	95,924	1 3/4	107,842
2	1,212	2	13,109	2	25,041	2	36,695	2	48,549	2	60,463	2	72,376	2	84,253	2	96,172	2	108,091
1 1/4	1,480	1 1/4	13,358	1 1/4	25,289	1 1/4	36,935	1 1/4	48,798	1 1/4	60,711	1 1/4	72,623	1 1/4	84,502	1 1/4	96,417	1 1/4	108,339
1 1/2	1,658	1 1/2	13,607	1 1/2	25,538	1 1/2	37,174	1 1/2	49,046	1 1/2	60,960	1 1/2	72,871	1 1/2	84,750	1 1/2	96,689	1 1/2	108,587
1 3/4	1,936	1 3/4	13,856	1 3/4	25,786	1 3/4	37,414	1 3/4	49,294	1 3/4	61,208	1 3/4	73,118	1 3/4	84,998	1 3/4	96,917	1 3/4	108,835
3	2,164	3	14,105	3	26,035	3	37,654	3	49,542	3	61,456	3	73,365	3	85,247	3	97,165	3	109,084
1 1/4	2,412	1 1/4	14,353	1 1/4	26,283	1 1/4	37,896	1 1/4	49,790	1 1/4	61,704	1 1/4	73,612	1 1/4	85,495	1 1/4	97,413	1 1/4	109,332
1 1/2	2,680	1 1/2	14,602	1 1/2	26,531	1 1/2	38,137	1 1/2	50,039	1 1/2	61,952	1 1/2	73,860	1 1/2	85,743	1 1/2	97,662	1 1/2	109,580
1 3/4	2,908	1 3/4	14,851	1 3/4	26,780	1 3/4	38,379	1 3/4	50,287	1 3/4	62,201	1 3/4	74,107	1 3/4	85,992	1 3/4	97,910	1 3/4	109,829
4	3,156	4	15,100	4	27,028	4	38,621	4	50,535	4	62,449	4	74,354	4	86,240	4	98,158	4	110,077
1 1/4	3,405	1 1/4	15,348	1 1/4	27,276	1 1/4	38,869	1 1/4	50,783	1 1/4	62,697	1 1/4	74,601	1 1/4	86,488	1 1/4	98,407	1 1/4	110,325
1 1/2	3,653	1 1/2	15,597	1 1/2	27,525	1 1/2	39,118	1 1/2	51,031	1 1/2	62,945	1 1/2	74,848	1 1/2	86,736	1 1/2	98,655	1 1/2	110,574
1 3/4	3,902	1 3/4	15,846	1 3/4	27,773	1 3/4	39,366	1 3/4	51,280	1 3/4	63,193	1 3/4	75,096	1 3/4	86,985	1 3/4	98,903	1 3/4	110,822
5	4,150	5	16,095	5	28,021	5	39,614	5	51,528	5	63,442	5	75,343	5	87,233	5	99,152	5	111,070
1 1/4	4,399	1 1/4	16,344	1 1/4	28,268	1 1/4	39,862	1 1/4	51,776	1 1/4	63,690	1 1/4	75,590	1 1/4	87,481	1 1/4	99,400	1 1/4	111,318
1 1/2	4,648	1 1/2	16,592	1 1/2	28,515	1 1/2	40,110	1 1/2	52,022	1 1/2	63,938	1 1/2	75,838	1 1/2	87,730	1 1/2	99,648	1 1/2	111,567
1 3/4	4,897	1 3/4	16,841	1 3/4	28,762	1 3/4	40,359	1 3/4	52,272	1 3/4	64,186	1 3/4	76,085	1 3/4	87,978	1 3/4	99,897	1 3/4	111,815
6	5,146	6	17,090	6	29,008	6	40,607	6	52,521	6	64,434	6	76,332	6	88,226	6	100,145	6	112,063
1 1/4	5,395	1 1/4	17,339	1 1/4	29,250	1 1/4	40,855	1 1/4	52,769	1 1/4	64,683	1 1/4	76,579	1 1/4	88,475	1 1/4	100,393	1 1/4	112,312
1 1/2	5,644	1 1/2	17,588	1 1/2	29,492	1 1/2	41,103	1 1/2	53,017	1 1/2	64,931	1 1/2	76,826	1 1/2	88,723	1 1/2	100,641	1 1/2	112,560
1 3/4	5,892	1 3/4	17,837	1 3/4	29,734	1 3/4	41,351	1 3/4	53,265	1 3/4	65,179	1 3/4	77,074	1 3/4	88,971	1 3/4	100,890	1 3/4	112,808
7	6,141	7	18,086	7	29,976	7	41,600	7	53,513	7	65,427	7	77,321	7	89,219	7	101,138	7	113,057
1 1/4	6,390	1 1/4	18,334	1 1/4	30,217	1 1/4	41,848	1 1/4	53,762	1 1/4	65,675	1 1/4	77,568	1 1/4	89,468	1 1/4	101,386	1 1/4	113,305
1 1/2	6,639	1 1/2	18,583	1 1/2	30,458	1 1/2	42,096	1 1/2	54,010	1 1/2	65,924	1 1/2	77,815	1 1/2	89,716	1 1/2	101,635	1 1/2	113,553
1 3/4	6,888	1 3/4	18,832	1 3/4	30,700	1 3/4	42,344	1 3/4	54,258	1 3/4	66,172	1 3/4	78,063	1 3/4	89,964	1 3/4	101,883	1 3/4	113,802
8	7,137	8	19,080	8	30,941	8	42,592	8	54,506	8	66,420	8	78,310	8	90,213	8	102,131	8	114,050
1 1/4	7,386	1 1/4	19,329	1 1/4	31,181	1 1/4	42,841	1 1/4	54,754	1 1/4	66,668	1 1/4	78,557	1 1/4	90,461	1 1/4	102,380	1 1/4	114,298
1 1/2	7,634	1 1/2	19,577	1 1/2	31,421	1 1/2	43,089	1 1/2	55,003	1 1/2	66,916	1 1/2	78,804	1 1/2	90,709	1 1/2	102,628	1 1/2	114,546
1 3/4	7,883	1 3/4	19,826	1 3/4	31,660	1 3/4	43,337	1 3/4	55,251	1 3/4	67,165	1 3/4	79,052	1 3/4	90,958	1 3/4	102,876	1 3/4	114,795
9	8,132	9	20,074	9	31,900	9	43,585	9	55,499	9	67,413	9	79,299	9	91,206	9	103,124	9	115,043
1 1/4	8,381	1 1/4	20,322	1 1/4	32,140	1 1/4	43,832	1 1/4	55,747	1 1/4	67,661	1 1/4	79,546	1 1/4	91,454	1 1/4	103,373	1 1/4	115,291
1 1/2	8,630	1 1/2	20,571	1 1/2	32,380	1 1/2	44,082	1 1/2	55,995	1 1/2	67,909	1 1/2	79,793	1 1/2	91,703	1 1/2	103,621	1 1/2	115,539
1 3/4	8,879	1 3/4	20,819	1 3/4	32,619	1 3/4	44,330	1 3/4	56,244	1 3/4	68,157	1 3/4	80,041	1 3/4	91,951	1 3/4	103,869	1 3/4	115,788
10	9,128	10	21,067	10	32,859	10	44,578	10	56,492	10	68,406	10	80,288	10	92,199	10	104,118	10	116,036
1 1/4	9,376	1 1/4	21,316	1 1/4	33,099	1 1/4	44,826	1 1/4	56,740	1 1/4	68,654	1 1/4	80,535	1 1/4	92,447	1 1/4	104,366	1 1/4	116,284
1 1/2	9,625	1 1/2	21,564	1 1/2	33,339	1 1/2	45,074	1 1/2	56,988	1 1/2	68,902	1 1/2	80,782	1 1/2	92,696	1 1/2	104,614	1 1/2	116,532
1 3/4	9,874	1 3/4	21,812	1 3/4	33,578	1 3/4	45,323	1 3/4	57,236	1 3/4	69,150	1 3/4	81,030	1 3/4	92,944	1 3/4	104,863	1 3/4	116,780
11	10,123	11	22,061	11	33,818	11	45,571	11	57,485	11	69,399	11	81,277	11	93,192	11	105,111	11	117,028
1 1/4	10,372	1 1/4	22,309	1 1/4	34,058	1 1/4	45,819	1 1/4	57,733	1 1/4	69,647	1 1/4	81,524	1 1/4	93,441	1 1/4	105,359	1 1/4	117,276
1 1/2	10,621	1 1/2	22,557	1 1/2	34,297	1 1/2	46,067	1 1/2	57,981	1 1/2	69,895	1 1/2	81,772	1 1/2	93,689	1 1/2	105,608	1 1/2	117,524
1 3/4	10,870	1 3/4	22,806	1 3/4	34,537	1 3/4	46,315	1 3/4	58,229	1 3/4	70,143	1 3/4	82,019	1 3/4	93,937	1 3/4	105,856	1 3/4	117,772

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPMO 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.

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BARGE "IB 1323"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

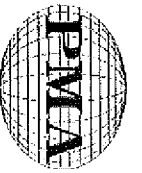
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	118,019	0	129,101	0	139,296	0	149,491	0	159,685	0	169,883	0							
1/4	118,267	1/4	129,314	1/4	139,508	1/4	149,703	1/4	159,898	1/4	169,998	1/4							
1/2	118,515	1/2	129,526	1/2	139,721	1/2	149,915	1/2	160,110	1/2	170,143	1/2							
3/4	118,763	3/4	129,739	3/4	139,933	3/4	150,128	3/4	160,322	3/4	170,288	3/4							
1	119,011	1	129,951	1	140,146	1	150,340	1	160,535	1	170,433	1							
1/4	119,259	1/4	130,163	1/4	140,358	1/4	150,553	1/4	160,747	1/4	170,500	1/4							
1/2	119,507	1/2	130,376	1/2	140,570	1/2	150,755	1/2	160,959	1/2	170,588	1/2							
3/4	119,755	3/4	130,588	3/4	140,783	3/4	150,977	3/4	161,172	3/4	170,635	3/4							
2	120,003	2	130,801	2	140,995	2	151,190	2	161,384	2	170,702	2							
1/4	120,251	1/4	131,013	1/4	141,207	1/4	151,402	1/4	161,597	1/4	170,723	1/4							
1/2	120,499	1/2	131,225	1/2	141,420	1/2	151,614	1/2	161,809	1/2									
3/4	120,747	3/4	131,438	3/4	141,632	3/4	151,827	3/4	162,021	3/4									
3	120,995	3	131,650	3	141,845	3	152,039	3	162,234	3									
1/4	121,243	1/4	131,862	1/4	142,057	1/4	152,252	1/4	162,446	1/4									
1/2	121,491	1/2	132,075	1/2	142,269	1/2	152,464	1/2	162,659	1/2									
3/4	121,739	3/4	132,287	3/4	142,482	3/4	152,676	3/4	162,871	3/4									
4	121,987	4	132,500	4	142,694	4	152,889	4	163,083	4									
1/4	122,235	1/4	132,712	1/4	142,907	1/4	153,101	1/4	163,296	1/4									
1/2	122,483	1/2	132,924	1/2	143,119	1/2	153,314	1/2	163,508	1/2									
3/4	122,731	3/4	133,137	3/4	143,331	3/4	153,526	3/4	163,720	3/4									
5	122,979	5	133,349	5	143,544	5	153,738	5	163,933	5									
1/4	123,222	1/4	133,562	1/4	143,756	1/4	153,951	1/4	164,145	1/4									
1/2	123,465	1/2	133,774	1/2	143,969	1/2	154,163	1/2	164,358	1/2									
3/4	123,709	3/4	133,986	3/4	144,181	3/4	154,375	3/4	164,570	3/4									
6	123,952	6	134,199	6	144,393	6	154,588	6	164,782	6									
1/4	124,178	1/4	134,411	1/4	144,606	1/4	154,800	1/4	164,995	1/4									
1/2	124,403	1/2	134,624	1/2	144,818	1/2	155,013	1/2	165,207	1/2									
3/4	124,628	3/4	134,836	3/4	145,030	3/4	155,225	3/4	165,420	3/4									
7	124,854	7	135,048	7	145,243	7	155,437	7	165,632	7									
1/4	125,066	1/4	135,271	1/4	145,455	1/4	155,650	1/4	165,844	1/4									
1/2	125,279	1/2	135,473	1/2	145,668	1/2	155,862	1/2	166,057	1/2									
3/4	125,491	3/4	135,685	3/4	145,880	3/4	156,075	3/4	166,269	3/4									
8	125,703	8	135,898	8	146,092	8	156,287	8	166,481	8									
1/4	125,916	1/4	136,110	1/4	146,305	1/4	156,499	1/4	166,694	1/4									
1/2	126,128	1/2	136,323	1/2	146,517	1/2	156,712	1/2	166,906	1/2									
3/4	126,340	3/4	136,535	3/4	146,730	3/4	156,924	3/4	167,118	3/4									
9	126,553	9	136,747	9	146,942	9	157,136	9	167,331	9									
1/4	126,765	1/4	136,960	1/4	147,154	1/4	157,349	1/4	167,543	1/4									
1/2	126,978	1/2	137,172	1/2	147,367	1/2	157,561	1/2	167,755	1/2									
3/4	127,190	3/4	137,385	3/4	147,579	3/4	157,774	3/4	167,966	3/4									
10	127,402	10	137,597	10	147,791	10	157,986	10	168,178	10									
1/4	127,615	1/4	137,809	1/4	148,004	1/4	158,198	1/4	168,391	1/4									
1/2	127,827	1/2	138,022	1/2	148,216	1/2	158,411	1/2	168,604	1/2									
3/4	128,040	3/4	138,234	3/4	148,429	3/4	158,623	3/4	168,818	3/4									
11	128,252	11	138,446	11	148,641	11	158,836	11	169,031	11									
1/4	128,464	1/4	138,659	1/4	148,853	1/4	159,048	1/4	169,236	1/4									
1/2	128,677	1/2	138,871	1/2	149,066	1/2	159,260	1/2	169,442	1/2									
3/4	128,889	3/4	139,084	3/4	149,278	3/4	159,473	3/4	169,647	3/4									

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS
 CALCULATED: 04/14/2020 CL
 PRINTED: 04/15/2020 SW
 CANCEL'S AND SUPERCEDES
 ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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BARGE "IB 1323"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN VEHICLE GALLONS

GAUGE HEIGHT 16'-02"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	74	0	9,447	0	19,730	0	29,854	0	40,043	0	50,327	0	60,610	0	70,894	0	81,177	0	91,461
1/4	138	1/4	9,661	1/4	19,944	1/4	30,062	1/4	40,258	1/4	50,541	1/4	60,825	1/4	71,108	1/4	81,391	1/4	91,675
1/2	202	1/2	9,875	1/2	20,158	1/2	30,270	1/2	40,472	1/2	50,755	1/2	61,039	1/2	71,322	1/2	81,606	1/2	91,889
3/4	267	3/4	10,089	3/4	20,372	3/4	30,478	3/4	40,686	3/4	50,970	3/4	61,253	3/4	71,536	3/4	81,820	3/4	92,103
1	331	1	10,304	1	20,587	1	30,686	1	40,900	1	51,184	1	61,467	1	71,751	1	82,034	1	92,318
1/4	478	1/4	10,518	1/4	20,801	1/4	30,894	1/4	41,114	1/4	51,398	1/4	61,681	1/4	71,965	1/4	82,248	1/4	92,532
1/2	625	1/2	10,732	1/2	21,015	1/2	31,102	1/2	41,329	1/2	51,612	1/2	61,896	1/2	72,179	1/2	82,463	1/2	92,746
3/4	772	3/4	10,946	3/4	21,229	3/4	31,310	3/4	41,543	3/4	51,826	3/4	62,110	3/4	72,393	3/4	82,677	3/4	92,960
2	919	2	11,161	2	21,444	2	31,518	2	41,757	2	52,041	2	62,324	2	72,608	2	82,891	2	93,175
1/4	1,124	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	72,822	1/4	83,105	1/4	93,389
1/2	1,329	1/2	11,589	1/2	21,872	1/2	31,933	1/2	42,186	1/2	52,469	1/2	62,753	1/2	73,036	1/2	83,320	1/2	93,603
3/4	1,534	3/4	11,803	3/4	22,086	3/4	32,141	3/4	42,400	3/4	52,683	3/4	62,967	3/4	73,250	3/4	83,534	3/4	93,817
3	1,739	3	12,017	3	22,301	3	32,349	3	42,614	3	52,908	3	63,161	3	73,465	3	83,748	3	94,032
1/4	1,982	1/4	12,232	1/4	22,515	1/4	32,559	1/4	42,828	1/4	53,112	1/4	63,395	1/4	73,679	1/4	83,962	1/4	94,246
1/2	2,185	1/2	12,446	1/2	22,729	1/2	32,769	1/2	43,043	1/2	53,326	1/2	63,610	1/2	73,893	1/2	84,177	1/2	94,460
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	63,824	3/4	74,107	3/4	84,391	3/4	94,674
4	2,592	4	12,874	4	23,157	4	33,188	4	43,471	4	53,755	4	64,038	4	74,322	4	84,605	4	94,889
1/4	2,806	1/4	13,089	1/4	23,372	1/4	33,402	1/4	43,685	1/4	53,969	1/4	64,252	1/4	74,536	1/4	84,819	1/4	95,103
1/2	3,020	1/2	13,303	1/2	23,586	1/2	33,616	1/2	43,900	1/2	54,183	1/2	64,467	1/2	74,750	1/2	85,034	1/2	95,317
3/4	3,234	3/4	13,517	3/4	23,800	3/4	33,830	3/4	44,114	3/4	54,397	3/4	64,681	3/4	74,964	3/4	85,248	3/4	95,531
5	3,448	5	13,731	5	24,014	5	34,045	5	44,328	5	54,612	5	64,895	5	75,179	5	85,462	5	95,746
1/4	3,663	1/4	13,946	1/4	24,227	1/4	34,259	1/4	44,542	1/4	54,826	1/4	65,109	1/4	75,393	1/4	85,676	1/4	95,960
1/2	3,877	1/2	14,160	1/2	24,440	1/2	34,473	1/2	44,757	1/2	55,040	1/2	65,324	1/2	75,607	1/2	85,891	1/2	96,174
3/4	4,091	3/4	14,374	3/4	24,652	3/4	34,687	3/4	44,971	3/4	55,254	3/4	65,538	3/4	75,821	3/4	86,105	3/4	96,388
6	4,305	6	14,588	6	24,865	6	34,902	6	45,185	6	55,469	6	65,752	6	76,036	6	86,319	6	96,602
1/4	4,519	1/4	14,802	1/4	25,072	1/4	35,116	1/4	45,399	1/4	55,683	1/4	65,966	1/4	76,250	1/4	86,533	1/4	96,817
1/2	4,734	1/2	15,017	1/2	25,280	1/2	35,330	1/2	45,614	1/2	55,897	1/2	66,181	1/2	76,464	1/2	86,747	1/2	97,031
3/4	4,948	3/4	15,231	3/4	25,488	3/4	35,544	3/4	45,828	3/4	56,111	3/4	66,395	3/4	76,678	3/4	86,960	3/4	97,245
7	5,162	7	15,445	7	25,696	7	35,759	7	46,042	7	56,325	7	66,609	7	76,892	7	87,176	7	97,459
1/4	5,376	1/4	15,659	1/4	25,903	1/4	35,973	1/4	46,256	1/4	56,540	1/4	66,823	1/4	77,107	1/4	87,390	1/4	97,674
1/2	5,591	1/2	15,874	1/2	26,111	1/2	36,181	1/2	46,470	1/2	56,754	1/2	67,037	1/2	77,321	1/2	87,604	1/2	97,888
3/4	5,805	3/4	16,088	3/4	26,319	3/4	36,401	3/4	46,685	3/4	56,968	3/4	67,250	3/4	77,535	3/4	87,819	3/4	98,102
8	6,019	8	16,302	8	26,527	8	36,615	8	46,899	8	57,182	8	67,466	8	77,749	8	88,033	8	98,316
1/4	6,233	1/4	16,516	1/4	26,735	1/4	36,830	1/4	47,113	1/4	57,397	1/4	67,680	1/4	77,964	1/4	88,247	1/4	98,531
1/2	6,447	1/2	16,731	1/2	26,943	1/2	37,044	1/2	47,327	1/2	57,611	1/2	67,894	1/2	78,178	1/2	88,461	1/2	98,745
3/4	6,662	3/4	16,945	3/4	27,151	3/4	37,258	3/4	47,542	3/4	57,825	3/4	68,109	3/4	78,392	3/4	88,676	3/4	99,029
9	6,876	9	17,159	9	27,358	9	37,472	9	47,756	9	58,039	9	68,323	9	78,606	9	88,890	9	99,173
1/4	7,090	1/4	17,373	1/4	27,566	1/4	37,687	1/4	47,970	1/4	58,254	1/4	68,538	1/4	78,821	1/4	89,104	1/4	99,388
1/2	7,304	1/2	17,587	1/2	27,774	1/2	37,901	1/2	48,184	1/2	58,468	1/2	68,751	1/2	79,035	1/2	89,318	1/2	99,602
3/4	7,518	3/4	17,801	3/4	27,982	3/4	38,115	3/4	48,399	3/4	58,682	3/4	69,034	3/4	79,249	3/4	89,533	3/4	99,816
10	7,733	10	18,016	10	28,190	10	38,329	10	48,613	10	58,896	10	69,180	10	79,463	10	89,747	10	100,030
1/4	7,947	1/4	18,230	1/4	28,398	1/4	38,544	1/4	48,827	1/4	59,111	1/4	69,394	1/4	79,678	1/4	89,961	1/4	100,245
1/2	8,161	1/2	18,444	1/2	28,606	1/2	38,752	1/2	49,041	1/2	59,325	1/2	69,608	1/2	79,892	1/2	90,175	1/2	100,459
3/4	8,376	3/4	18,659	3/4	28,816	3/4	38,972	3/4	49,256	3/4	59,539	3/4	69,823	3/4	80,106	3/4	90,390	3/4	100,673
11	8,590	11	18,873	11	29,022	11	39,186	11	49,474	11	59,753	11	70,037	11	80,320	11	90,604	11	100,887
1/4	8,804	1/4	19,087	1/4	29,230	1/4	39,411	1/4	49,684	1/4	59,968	1/4	70,251	1/4	80,535	1/4	90,818	1/4	101,102
1/2	9,018	1/2	19,301	1/2	29,438	1/2	39,615	1/2	49,898	1/2	60,182	1/2	70,465	1/2	80,749	1/2	91,032	1/2	101,316
3/4	9,232	3/4	19,516	3/4	29,646	3/4	39,829	3/4	50,113	3/4	60,396	3/4	70,680	3/4	80,963	3/4	91,247	3/4	101,530

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

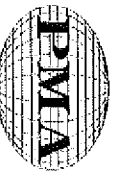
& ANALYSIS, INC.

P.O. Box 2092

Portland, Texas 77588

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BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IAPMS 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.



BARGE "IB 1323"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

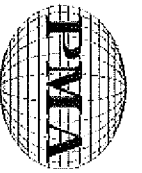
GAUGE HEIGHT 16'-02"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	101,744	0	112,028	0	122,311	0	132,595	0	142,878	0	153,044	0	163,209	0	173,375	0	183,540	0	193,705
1/4	101,958	1/4	112,242	1/4	122,525	1/4	132,809	1/4	143,092	1/4	153,169	1/4	163,246	1/4	173,323	1/4	183,400	1/4	193,477
1/2	102,173	1/2	112,456	1/2	122,740	1/2	133,023	1/2	143,307	1/2	153,294	1/2	163,281	1/2	173,268	1/2	183,255	1/2	193,242
3/4	102,387	3/4	112,670	3/4	122,954	3/4	133,237	3/4	143,521	3/4	153,419	3/4	163,307	3/4	173,194	3/4	183,081	3/4	192,968
1	102,601	1	112,885	1	123,168	1	133,452	1	143,735	1	153,544	1	163,421	1	173,298	1	183,175	1	193,052
1 1/4	102,815	1 1/4	113,099	1 1/4	123,382	1 1/4	133,666	1 1/4	143,949	1 1/4	153,602	1 1/4	163,459	1 1/4	173,316	1 1/4	183,173	1 1/4	193,030
1 1/2	103,030	1 1/2	113,313	1 1/2	123,597	1 1/2	133,880	1 1/2	144,164	1 1/2	153,660	1 1/2	163,527	1 1/2	173,384	1 1/2	183,241	1 1/2	193,098
3/4	103,244	3/4	113,527	3/4	123,811	3/4	134,094	3/4	144,378	3/4	153,718	3/4	163,585	3/4	173,442	3/4	183,299	3/4	193,156
2	103,458	2	113,742	2	124,025	2	134,309	2	144,592	2	153,776	2	163,643	2	173,516	2	183,373	2	193,213
1/4	103,672	1/4	113,956	1/4	124,239	1/4	134,523	1/4	144,806	1/4	153,794	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	103,887	1/2	114,170	1/2	124,454	1/2	134,737	1/2	145,021	1/2	153,794	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	104,101	3/4	114,384	3/4	124,668	3/4	134,951	3/4	145,235	3/4	153,951	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
1	104,315	1	114,598	1	124,882	1	135,166	1	145,449	1	154,008	1	163,657	1	173,519	1	183,376	1	193,230
1 1/4	104,529	1 1/4	114,813	1 1/4	125,096	1 1/4	135,380	1 1/4	145,663	1 1/4	154,008	1 1/4	163,657	1 1/4	173,519	1 1/4	183,376	1 1/4	193,230
1 1/2	104,744	1 1/2	115,027	1 1/2	125,311	1 1/2	135,594	1 1/2	145,878	1 1/2	154,008	1 1/2	163,657	1 1/2	173,519	1 1/2	183,376	1 1/2	193,230
3/4	104,958	3/4	115,241	3/4	125,525	3/4	135,808	3/4	146,092	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
4	105,172	4	115,456	4	125,739	4	136,023	4	146,306	4	154,008	4	163,657	4	173,519	4	183,376	4	193,230
1/4	105,386	1/4	115,670	1/4	125,953	1/4	136,237	1/4	146,520	1/4	154,008	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	105,601	1/2	115,884	1/2	126,168	1/2	136,451	1/2	146,735	1/2	154,008	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	105,815	3/4	116,098	3/4	126,382	3/4	136,665	3/4	146,949	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
5	106,029	5	116,313	5	126,596	5	136,880	5	147,163	5	154,008	5	163,657	5	173,519	5	183,376	5	193,230
1/4	106,243	1/4	116,527	1/4	126,810	1/4	137,094	1/4	147,377	1/4	154,008	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	106,458	1/2	116,741	1/2	127,024	1/2	137,308	1/2	147,591	1/2	154,008	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	106,672	3/4	116,955	3/4	127,239	3/4	137,522	3/4	147,806	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
6	106,886	6	117,169	6	127,453	6	137,736	6	148,020	6	154,008	6	163,657	6	173,519	6	183,376	6	193,230
1/4	107,100	1/4	117,384	1/4	127,667	1/4	137,951	1/4	148,234	1/4	154,008	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	107,314	1/2	117,598	1/2	127,881	1/2	138,165	1/2	148,448	1/2	154,008	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	107,529	3/4	117,812	3/4	128,096	3/4	138,379	3/4	148,663	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
7	107,743	7	118,026	7	128,310	7	138,593	7	148,877	7	154,008	7	163,657	7	173,519	7	183,376	7	193,230
1/4	107,957	1/4	118,241	1/4	128,524	1/4	138,808	1/4	149,091	1/4	154,008	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	108,171	1/2	118,455	1/2	128,738	1/2	139,022	1/2	149,305	1/2	154,008	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	108,386	3/4	118,669	3/4	128,953	3/4	139,236	3/4	149,520	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
8	108,600	8	118,883	8	129,167	8	139,450	8	149,734	8	154,008	8	163,657	8	173,519	8	183,376	8	193,230
1/4	108,814	1/4	119,098	1/4	129,381	1/4	139,665	1/4	149,948	1/4	154,008	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	109,028	1/2	119,312	1/2	129,595	1/2	139,879	1/2	150,162	1/2	154,008	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	109,243	3/4	119,526	3/4	129,810	3/4	140,093	3/4	150,376	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
9	109,457	9	119,740	9	130,024	9	140,307	9	150,591	9	154,008	9	163,657	9	173,519	9	183,376	9	193,230
1/4	109,671	1/4	119,955	1/4	130,238	1/4	140,522	1/4	150,804	1/4	154,008	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	109,885	1/2	120,169	1/2	130,452	1/2	140,736	1/2	151,018	1/2	154,008	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	110,100	3/4	120,383	3/4	130,667	3/4	140,950	3/4	151,232	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
10	110,314	10	120,597	10	130,881	10	141,164	10	151,446	10	154,008	10	163,657	10	173,519	10	183,376	10	193,230
1/4	110,528	1/4	120,812	1/4	131,095	1/4	141,379	1/4	151,657	1/4	154,008	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	110,742	1/2	121,026	1/2	131,309	1/2	141,593	1/2	151,868	1/2	154,008	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	110,957	3/4	121,240	3/4	131,524	3/4	141,807	3/4	152,079	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230
11	111,171	11	121,454	11	131,738	11	142,021	11	152,289	11	154,008	11	163,657	11	173,519	11	183,376	11	193,230
1/4	111,385	1/4	121,669	1/4	131,952	1/4	142,235	1/4	152,478	1/4	154,008	1/4	163,657	1/4	173,519	1/4	183,376	1/4	193,230
1/2	111,599	1/2	121,883	1/2	132,166	1/2	142,450	1/2	152,667	1/2	154,008	1/2	163,657	1/2	173,519	1/2	183,376	1/2	193,230
3/4	111,813	3/4	122,097	3/4	132,380	3/4	142,664	3/4	152,856	3/4	154,008	3/4	163,657	3/4	173,519	3/4	183,376	3/4	193,230

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS
 CALCULATED: 04/14/2020 CL
 PRINTED: 04/15/2020 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "IB 1323"

3 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	9,500	0	19,842	0	30,159	0	40,489	0	50,831	0	61,173	0	71,515	0	81,857	0	92,199
1/4	139	1/4	9,716	1/4	20,057	1/4	30,374	1/4	40,705	1/4	51,047	1/4	61,389	1/4	71,731	1/4	82,073	1/4	92,415
1/2	203	1/2	9,931	1/2	20,273	1/2	30,590	1/2	40,922	1/2	51,264	1/2	61,606	1/2	71,948	1/2	82,290	1/2	92,632
3/4	268	3/4	10,147	3/4	20,488	3/4	30,803	3/4	41,135	3/4	51,477	3/4	61,820	3/4	72,162	3/4	82,504	3/4	92,846
1	332	1	10,362	1	20,704	1	31,017	1	41,351	1	51,693	1	62,035	1	72,377	1	82,719	1	93,061
1 1/4	480	1 1/4	10,578	1 1/4	20,919	1 1/4	31,232	1 1/4	41,566	1 1/4	51,908	1 1/4	62,250	1 1/4	72,592	1 1/4	82,935	1 1/4	93,277
1 1/2	628	1 1/2	10,793	1 1/2	21,135	1 1/2	31,448	1 1/2	41,782	1 1/2	52,124	1 1/2	62,466	1 1/2	72,808	1 1/2	83,150	1 1/2	93,492
1 3/4	776	1 3/4	11,008	1 3/4	21,350	1 3/4	31,661	1 3/4	41,997	1 3/4	52,339	1 3/4	62,681	1 3/4	73,023	1 3/4	83,365	1 3/4	93,707
2	924	2	11,224	2	21,565	2	31,876	2	42,213	2	52,555	2	62,897	2	73,239	2	83,581	2	93,923
1/4	1,130	1/4	11,439	1/4	21,781	1/4	32,090	1/4	42,428	1/4	52,770	1/4	63,112	1/4	73,454	1/4	83,796	1/4	94,138
1/2	1,336	1/2	11,655	1/2	21,996	1/2	32,305	1/2	42,644	1/2	52,986	1/2	63,328	1/2	73,670	1/2	84,012	1/2	94,354
3/4	1,542	3/4	11,870	3/4	22,212	3/4	32,520	3/4	42,859	3/4	53,201	3/4	63,543	3/4	73,885	3/4	84,227	3/4	94,569
1	1,748	1	12,086	1	22,427	1	32,735	1	43,075	1	53,417	1	63,759	1	74,101	1	84,443	1	94,785
1 1/4	1,953	1 1/4	12,301	1 1/4	22,643	1 1/4	32,950	1 1/4	43,292	1 1/4	53,632	1 1/4	63,974	1 1/4	74,316	1 1/4	84,658	1 1/4	95,000
1 1/2	2,177	1 1/2	12,517	1 1/2	22,858	1 1/2	33,165	1 1/2	43,506	1 1/2	53,848	1 1/2	64,190	1 1/2	74,532	1 1/2	84,874	1 1/2	95,216
1 3/4	2,392	1 3/4	12,732	1 3/4	23,074	1 3/4	33,379	1 3/4	43,721	1 3/4	54,063	1 3/4	64,405	1 3/4	74,747	1 3/4	85,089	1 3/4	95,431
2	2,607	2	12,947	2	23,289	2	33,594	2	43,936	2	54,278	2	64,621	2	74,963	2	85,305	2	95,647
1/4	2,822	1/4	13,163	1/4	23,505	1/4	33,810	1/4	44,152	1/4	54,494	1/4	64,836	1/4	75,178	1/4	85,520	1/4	95,862
1/2	3,037	1/2	13,378	1/2	23,720	1/2	34,025	1/2	44,367	1/2	54,709	1/2	65,051	1/2	75,393	1/2	85,736	1/2	96,078
3/4	3,252	3/4	13,594	3/4	23,935	3/4	34,241	3/4	44,583	3/4	54,925	3/4	65,267	3/4	75,609	3/4	85,951	3/4	96,293
1	3,468	1	13,809	1	24,151	1	34,456	1	44,798	1	55,140	1	65,482	1	75,824	1	86,166	1	96,508
1 1/4	3,683	1 1/4	14,025	1 1/4	24,366	1 1/4	34,672	1 1/4	45,014	1 1/4	55,356	1 1/4	65,698	1 1/4	76,040	1 1/4	86,382	1 1/4	96,724
1 1/2	3,899	1 1/2	14,240	1 1/2	24,581	1 1/2	34,887	1 1/2	45,229	1 1/2	55,571	1 1/2	65,913	1 1/2	76,255	1 1/2	86,597	1 1/2	96,939
3/4	4,114	3/4	14,456	3/4	24,796	3/4	35,103	3/4	45,445	3/4	55,787	3/4	66,129	3/4	76,471	3/4	86,841	3/4	97,155
1	4,329	1	14,671	1	25,012	1	35,318	1	45,660	1	56,002	1	66,344	1	76,686	1	87,028	1	97,370
1 1/4	4,545	1 1/4	14,887	1 1/4	25,226	1 1/4	35,534	1 1/4	45,876	1 1/4	56,218	1 1/4	66,560	1 1/4	76,902	1 1/4	87,244	1 1/4	97,586
1 1/2	4,760	1 1/2	15,102	1 1/2	25,441	1 1/2	35,749	1 1/2	46,091	1 1/2	56,433	1 1/2	66,775	1 1/2	77,117	1 1/2	87,459	1 1/2	97,801
3/4	4,976	3/4	15,317	3/4	25,655	3/4	35,964	3/4	46,306	3/4	56,649	3/4	66,991	3/4	77,333	3/4	87,675	3/4	98,017
1	5,191	1	15,533	1	25,870	1	36,180	1	46,522	1	56,864	1	67,206	1	77,548	1	87,890	1	98,232
1 1/4	5,407	1 1/4	15,748	1 1/4	26,084	1 1/4	36,395	1 1/4	46,737	1 1/4	57,079	1 1/4	67,421	1 1/4	77,764	1 1/4	88,106	1 1/4	98,448
1 1/2	5,622	1 1/2	15,962	1 1/2	26,299	1 1/2	36,611	1 1/2	46,953	1 1/2	57,295	1 1/2	67,637	1 1/2	77,979	1 1/2	88,321	1 1/2	98,663
3/4	5,838	3/4	16,179	3/4	26,513	3/4	36,826	3/4	47,168	3/4	57,510	3/4	67,852	3/4	78,194	3/4	88,536	3/4	98,879
1	6,053	1	16,395	1	26,728	1	37,042	1	47,384	1	57,726	1	68,068	1	78,410	1	88,752	1	99,094
1 1/4	6,269	1 1/4	16,610	1 1/4	26,942	1 1/4	37,257	1 1/4	47,599	1 1/4	57,941	1 1/4	68,283	1 1/4	78,625	1 1/4	88,967	1 1/4	99,309
1 1/2	6,484	1 1/2	16,826	1 1/2	27,157	1 1/2	37,473	1 1/2	47,815	1 1/2	58,157	1 1/2	68,499	1 1/2	78,841	1 1/2	89,183	1 1/2	99,525
3/4	6,699	3/4	17,041	3/4	27,371	3/4	37,688	3/4	48,030	3/4	58,372	3/4	68,714	3/4	79,056	3/4	89,398	3/4	99,740
1	6,915	1	17,256	1	27,586	1	37,904	1	48,246	1	58,588	1	68,930	1	79,272	1	89,614	1	99,956
1 1/4	7,130	1 1/4	17,472	1 1/4	27,800	1 1/4	38,119	1 1/4	48,461	1 1/4	58,803	1 1/4	69,145	1 1/4	79,487	1 1/4	89,829	1 1/4	100,171
1 1/2	7,346	1 1/2	17,687	1 1/2	28,015	1 1/2	38,334	1 1/2	48,677	1 1/2	59,019	1 1/2	69,361	1 1/2	79,703	1 1/2	90,045	1 1/2	100,387
3/4	7,561	3/4	17,903	3/4	28,229	3/4	38,550	3/4	48,892	3/4	59,234	3/4	69,576	3/4	79,918	3/4	90,260	3/4	100,602
1	7,777	1	18,118	1	28,444	1	38,765	1	49,107	1	59,449	1	69,792	1	80,134	1	90,476	1	100,818
1 1/4	7,992	1 1/4	18,334	1 1/4	28,658	1 1/4	38,981	1 1/4	49,333	1 1/4	59,665	1 1/4	70,007	1 1/4	80,349	1 1/4	90,691	1 1/4	101,033
1 1/2	8,208	1 1/2	18,549	1 1/2	28,872	1 1/2	39,196	1 1/2	49,538	1 1/2	59,880	1 1/2	70,222	1 1/2	80,564	1 1/2	90,907	1 1/2	101,249
3/4	8,423	3/4	18,765	3/4	29,087	3/4	39,412	3/4	49,754	3/4	60,096	3/4	70,438	3/4	80,780	3/4	91,122	3/4	101,464
1	8,638	1	18,980	1	29,301	1	39,627	1	49,969	1	60,311	1	70,653	1	80,995	1	91,337	1	101,679
1 1/4	8,854	1 1/4	19,196	1 1/4	29,516	1 1/4	39,843	1 1/4	50,185	1 1/4	60,527	1 1/4	70,869	1 1/4	81,211	1 1/4	91,553	1 1/4	101,895
1 1/2	9,069	1 1/2	19,411	1 1/2	29,730	1 1/2	40,058	1 1/2	50,408	1 1/2	60,742	1 1/2	71,084	1 1/2	81,426	1 1/2	91,768	1 1/2	102,110
3/4	9,285	3/4	19,626	3/4	29,945	3/4	40,274	3/4	50,616	3/4	60,956	3/4	71,300	3/4	81,642	3/4	91,984	3/4	102,326

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P. O. Box 2092

Portland, Texas 77583

http://www.pmscorp.net

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPM'S 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.



BARGE "IB 1323"

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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	102,541	1/2	112,883	3/4	123,225	1	133,567	1/4	143,909	1/2	154,251	3/4	164,593	1	174,935	1/4	185,277	1/2	195,619
1/4	102,757	1/2	113,099	3/4	123,441	1	133,783	1/4	144,125	1/2	154,467	3/4	164,809	1	175,151	1/4	185,493	1/2	195,835
1/4	102,972	1/2	113,314	3/4	123,656	1	133,998	1/4	144,340	1/2	154,682	3/4	165,024	1	175,366	1/4	185,708	1/2	196,050
3/4	103,188	1	113,530	1	123,872	1	134,214	1	144,556	1	154,898	1	165,240	1	175,582	1	185,924	1	196,266
1	103,403	1	113,745	1	124,087	1	134,429	1	144,771	1	155,113	1	165,455	1	175,797	1	186,139	1	196,481
1/4	103,619	1/4	113,961	1/4	124,303	1/4	134,645	1/4	144,987	1/4	155,329	1/4	165,671	1/4	176,013	1/4	186,355	1/4	196,697
1/2	103,834	1/2	114,176	1/2	124,518	1/2	134,860	1/2	145,202	1/2	155,544	1/2	165,886	1/2	176,228	1/2	186,570	1/2	196,912
3/4	104,050	3/4	114,392	3/4	124,734	3/4	135,076	3/4	145,418	3/4	155,760	3/4	166,102	3/4	176,444	3/4	186,786	3/4	197,128
1	104,265	1	114,607	1	124,949	1	135,291	1	145,633	1	155,975	1	166,317	1	176,659	1	187,001	1	197,343
1/4	104,480	1/4	114,822	1/4	125,165	1/4	135,507	1/4	145,849	1/4	156,191	1/4	166,533	1/4	176,875	1/4	187,217	1/4	197,559
1/2	104,696	1/2	115,038	1/2	125,380	1/2	135,722	1/2	146,064	1/2	156,406	1/2	166,748	1/2	177,090	1/2	187,432	1/2	197,774
3/4	104,911	3/4	115,253	3/4	125,595	3/4	135,937	3/4	146,280	3/4	156,622	3/4	166,964	3/4	177,306	3/4	187,648	3/4	197,990
1	105,127	1	115,469	1	125,811	1	136,153	1	146,495	1	156,837	1	167,179	1	177,521	1	187,863	1	198,205
1/4	105,342	1/4	115,684	1/4	126,026	1/4	136,368	1/4	146,710	1/4	157,052	1/4	167,394	1/4	177,736	1/4	188,078	1/4	198,420
1/2	105,558	1/2	115,900	1/2	126,242	1/2	136,584	1/2	146,926	1/2	157,268	1/2	167,610	1/2	177,952	1/2	188,294	1/2	198,636
3/4	105,773	3/4	116,115	3/4	126,457	3/4	136,799	3/4	147,141	3/4	157,483	3/4	167,825	3/4	178,167	3/4	188,509	3/4	198,851
1	105,989	1	116,331	1	126,673	1	137,015	1	147,357	1	157,699	1	168,041	1	178,383	1	188,725	1	199,067
1/4	106,204	1/4	116,546	1/4	126,888	1/4	137,230	1/4	147,572	1/4	157,914	1/4	168,256	1/4	178,598	1/4	188,940	1/4	199,282
1/2	106,420	1/2	116,762	1/2	127,104	1/2	137,446	1/2	147,788	1/2	158,130	1/2	168,472	1/2	178,814	1/2	189,156	1/2	199,498
3/4	106,635	3/4	116,977	3/4	127,319	3/4	137,661	3/4	148,003	3/4	158,345	3/4	168,687	3/4	179,029	3/4	189,371	3/4	199,713
1	106,851	1	117,193	1	127,535	1	137,877	1	148,219	1	158,561	1	168,903	1	179,245	1	189,587	1	199,929
1/4	107,066	1/4	117,408	1/4	127,750	1/4	138,092	1/4	148,434	1/4	158,776	1/4	169,118	1/4	179,460	1/4	189,802	1/4	200,144
1/2	107,281	1/2	117,623	1/2	127,966	1/2	138,308	1/2	148,650	1/2	158,992	1/2	169,334	1/2	179,676	1/2	190,018	1/2	200,360
3/4	107,497	3/4	117,839	3/4	128,181	3/4	138,523	3/4	148,865	3/4	159,207	3/4	169,549	3/4	179,891	3/4	190,233	3/4	200,572
1	107,712	1	118,054	1	128,396	1	138,738	1	149,081	1	159,423	1	169,765	1	180,107	1	190,449	1	200,794
1/4	107,928	1/4	118,270	1/4	128,612	1/4	138,954	1/4	149,296	1/4	159,638	1/4	170,000	1/4	180,342	1/4	190,684	1/4	201,036
1/2	108,143	1/2	118,485	1/2	128,827	1/2	139,169	1/2	149,511	1/2	159,853	1/2	170,195	1/2	180,537	1/2	190,879	1/2	201,228
3/4	108,359	3/4	118,701	3/4	129,043	3/4	139,385	3/4	149,727	3/4	160,069	3/4	170,411	3/4	180,753	3/4	191,095	3/4	201,440
1	108,574	1	118,916	1	129,258	1	139,600	1	149,942	1	160,284	1	170,626	1	180,968	1	191,310	1	201,652
1/4	108,790	1/4	119,132	1/4	129,474	1/4	139,816	1/4	150,158	1/4	160,500	1/4	170,842	1/4	181,184	1/4	191,526	1/4	201,868
1/2	109,005	1/2	119,347	1/2	129,689	1/2	140,031	1/2	150,373	1/2	160,715	1/2	171,057	1/2	181,399	1/2	191,741	1/2	202,083
3/4	109,221	3/4	119,563	3/4	129,905	3/4	140,247	3/4	150,589	3/4	160,927	3/4	171,269	3/4	181,611	3/4	191,953	3/4	202,295
1	109,436	1	119,778	1	130,120	1	140,462	1	150,804	1	161,146	1	171,488	1	181,830	1	192,172	1	202,537
1/4	109,651	1/4	119,994	1/4	130,336	1/4	140,678	1/4	151,020	1/4	161,362	1/4	171,704	1/4	182,046	1/4	192,388	1/4	202,739
1/2	109,867	1/2	120,209	1/2	130,551	1/2	140,893	1/2	151,235	1/2	161,577	1/2	171,919	1/2	182,261	1/2	192,603	1/2	203,001
3/4	110,082	3/4	120,424	3/4	130,766	3/4	141,109	3/4	151,450	3/4	161,792	3/4	172,134	3/4	182,476	3/4	192,818	3/4	203,163
1	110,298	1	120,640	1	130,982	1	141,324	1	151,666	1	162,008	1	172,350	1	182,692	1	193,034	1	203,375
1/4	110,513	1/4	120,855	1/4	131,197	1/4	141,539	1/4	151,881	1/4	162,220	1/4	172,562	1/4	182,904	1/4	193,246	1/4	203,587
1/2	110,729	1/2	121,071	1/2	131,413	1/2	141,755	1/2	152,096	1/2	162,438	1/2	172,780	1/2	183,122	1/2	193,464	1/2	203,809
3/4	110,944	3/4	121,286	3/4	131,628	3/4	141,970	3/4	152,311	3/4	162,670	3/4	173,012	3/4	183,354	3/4	193,696	3/4	204,051
1	111,160	1	121,502	1	131,844	1	142,186	1	152,528	1	162,870	1	173,212	1	183,554	1	193,896	1	204,297
1/4	111,375	1/4	121,717	1/4	132,059	1/4	142,401	1/4	152,743	1/4	163,085	1/4	173,427	1/4	183,769	1/4	194,111	1/4	204,543
1/2	111,591	1/2	121,933	1/2	132,275	1/2	142,617	1/2	152,959	1/2	163,307	1/2	173,649	1/2	183,991	1/2	194,357	1/2	204,789
3/4	111,806	3/4	122,148	3/4	132,490	3/4	142,832	3/4	153,162	3/4	163,539	3/4	173,891	3/4	184,233	3/4	194,571	3/4	205,035
1	112,022	1	122,364	1	132,706	1	143,048	1	153,374	1	163,710	1	174,052	1	184,394	1	194,736	1	205,281
1/4	112,237	1/4	122,579	1/4	132,921	1/4	143,263	1/4	153,564	1/4	163,895	1/4	174,243	1/4	184,585	1/4	194,927	1/4	205,473
1/2	112,452	1/2	122,794	1/2	133,137	1/2	143,479	1/2	153,754	1/2	164,106	1/2	174,458	1/2	184,800	1/2	195,139	1/2	205,665
3/4	112,668	3/4	123,010	3/4	133,352	3/4	143,694	3/4	153,944	3/4	164,320	3/4	174,670	3/4	185,012	3/4	195,351	3/4	205,857

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/14/2020 JS
CALCULATED: 04/14/2020 CL
PRINTED: 04/15/2020 SW
CANCEL S AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
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