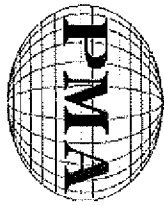


Gallons



BARGE "IB 1322"

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	01-1/4	- 01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = $\frac{4'-00''}{2}$
 DIFF. = 2'-00" (DOWN BY STERN)

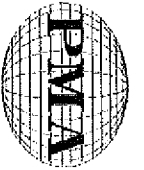
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

April 15, 2020

PRECISION MEASUREMENT
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 Pearland, Texas 77588

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BARGE "IB 1322"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	230	0	11,103	0	23,022	0	34,728	0	46,498	0	58,395	0	70,292	0	82,150	0	94,052	0	105,954
1/4	305	1/4	11,351	1/4	23,270	1/4	34,967	1/4	46,743	1/4	58,643	1/4	70,539	1/4	82,398	1/4	94,300	1/4	106,202
1/2	379	1/2	11,600	1/2	23,518	1/2	35,216	1/2	47,033	1/2	58,890	1/2	70,787	1/2	82,646	1/2	94,548	1/2	106,450
3/4	454	3/4	11,848	3/4	23,766	3/4	35,464	3/4	47,241	3/4	59,138	3/4	71,035	3/4	82,934	3/4	94,796	3/4	106,698
1	528	1	12,097	1	24,014	1	35,921	1	47,889	1	59,386	1	71,283	1	83,142	1	95,044	1	106,946
1 1/4	699	1 1/4	12,345	1 1/4	24,262	1 1/4	36,169	1 1/4	48,137	1 1/4	59,634	1 1/4	71,531	1 1/4	83,390	1 1/4	95,292	1 1/4	107,194
1 1/2	869	1 1/2	12,594	1 1/2	24,510	1 1/2	36,418	1 1/2	48,385	1 1/2	59,882	1 1/2	71,778	1 1/2	83,638	1 1/2	95,540	1 1/2	107,442
1 3/4	1,040	1 3/4	12,842	1 3/4	24,758	1 3/4	36,666	1 3/4	48,633	1 3/4	60,130	1 3/4	72,026	1 3/4	83,886	1 3/4	95,788	1 3/4	107,689
2	1,210	2	13,091	2	25,006	2	36,913	2	48,881	2	60,377	2	72,273	2	84,134	2	96,035	2	107,937
1/4	1,448	1/4	13,339	1/4	25,254	1/4	37,161	1/4	49,128	1/4	60,625	1/4	72,520	1/4	84,382	1/4	96,282	1/4	108,185
1/2	1,686	1/2	13,588	1/2	25,502	1/2	37,412	1/2	49,376	1/2	60,873	1/2	72,767	1/2	84,630	1/2	96,532	1/2	108,433
3/4	1,924	3/4	13,836	3/4	25,750	3/4	37,651	3/4	49,624	3/4	61,121	3/4	73,014	3/4	84,878	3/4	96,780	3/4	108,681
1	2,161	1	14,085	1	25,998	1	37,890	1	49,872	1	61,369	1	73,261	1	85,126	1	97,028	1	108,929
1 1/4	2,409	1 1/4	14,333	1 1/4	26,246	1 1/4	38,137	1 1/4	49,720	1 1/4	61,617	1 1/4	73,508	1 1/4	85,374	1 1/4	97,275	1 1/4	109,177
1 1/2	2,656	1 1/2	14,581	1 1/2	26,494	1 1/2	38,383	1 1/2	49,968	1 1/2	61,865	1 1/2	73,755	1 1/2	85,622	1 1/2	97,523	1 1/2	109,425
1 3/4	2,904	1 3/4	14,830	1 3/4	26,742	1 3/4	38,632	1 3/4	50,216	1 3/4	62,112	1 3/4	74,002	1 3/4	85,870	1 3/4	97,771	1 3/4	109,673
2	3,151	2	15,078	2	26,990	2	38,880	2	50,463	2	62,360	2	74,249	2	86,118	2	98,019	2	109,921
1/4	3,400	1/4	15,327	1/4	27,238	1/4	39,128	1/4	50,711	1/4	62,608	1/4	74,496	1/4	86,366	1/4	98,267	1/4	110,169
1/2	3,648	1/2	15,575	1/2	27,486	1/2	39,376	1/2	50,959	1/2	62,856	1/2	74,742	1/2	86,614	1/2	98,515	1/2	110,417
3/4	3,896	3/4	15,824	3/4	27,734	3/4	39,624	3/4	51,207	3/4	63,104	3/4	74,989	3/4	86,862	3/4	98,763	3/4	110,665
1	4,145	1	16,072	1	27,982	1	39,872	1	51,455	1	63,352	1	75,236	1	87,109	1	99,011	1	110,913
1 1/4	4,393	1 1/4	16,320	1 1/4	28,230	1 1/4	39,806	1 1/4	51,703	1 1/4	63,600	1 1/4	75,483	1 1/4	87,357	1 1/4	99,259	1 1/4	111,161
1 1/2	4,642	1 1/2	16,569	1 1/2	28,474	1 1/2	40,004	1 1/2	51,950	1 1/2	63,847	1 1/2	75,730	1 1/2	87,605	1 1/2	99,507	1 1/2	111,409
3/4	4,890	3/4	16,817	3/4	28,721	3/4	40,301	3/4	52,198	3/4	64,095	3/4	75,977	3/4	87,853	3/4	99,755	3/4	111,657
1	5,139	1	17,066	1	28,967	1	40,549	1	52,446	1	64,343	1	76,224	1	88,101	1	100,003	1	111,905
1 1/4	5,387	1 1/4	17,314	1 1/4	29,209	1 1/4	40,797	1 1/4	52,694	1 1/4	64,591	1 1/4	76,471	1 1/4	88,349	1 1/4	100,251	1 1/4	112,153
1 1/2	5,636	1 1/2	17,563	1 1/2	29,450	1 1/2	41,045	1 1/2	52,942	1 1/2	64,839	1 1/2	76,718	1 1/2	88,597	1 1/2	100,499	1 1/2	112,401
3/4	5,884	3/4	17,811	3/4	29,692	3/4	41,293	3/4	53,190	3/4	65,087	3/4	76,965	3/4	88,845	3/4	100,747	3/4	112,648
1	6,133	1	18,060	1	29,933	1	41,541	1	53,438	1	65,335	1	77,211	1	89,093	1	100,995	1	112,896
1 1/4	6,381	1 1/4	18,308	1 1/4	30,174	1 1/4	41,789	1 1/4	53,685	1 1/4	65,582	1 1/4	77,458	1 1/4	89,341	1 1/4	101,243	1 1/4	113,144
1 1/2	6,630	1 1/2	18,557	1 1/2	30,415	1 1/2	42,036	1 1/2	53,933	1 1/2	65,830	1 1/2	77,705	1 1/2	89,589	1 1/2	101,491	1 1/2	113,392
3/4	6,878	3/4	18,805	3/4	30,656	3/4	42,284	3/4	54,181	3/4	66,078	3/4	77,952	3/4	89,837	3/4	101,739	3/4	113,640
1	7,127	1	19,053	1	30,897	1	42,532	1	54,429	1	66,326	1	78,199	1	90,085	1	101,987	1	113,888
1 1/4	7,375	1 1/4	19,301	1 1/4	31,137	1 1/4	42,780	1 1/4	54,677	1 1/4	66,574	1 1/4	78,446	1 1/4	90,333	1 1/4	102,235	1 1/4	114,136
1 1/2	7,624	1 1/2	19,549	1 1/2	31,376	1 1/2	43,028	1 1/2	54,925	1 1/2	66,822	1 1/2	78,693	1 1/2	90,581	1 1/2	102,482	1 1/2	114,384
3/4	7,872	3/4	19,797	3/4	31,616	3/4	43,276	3/4	55,173	3/4	67,070	3/4	78,940	3/4	90,829	3/4	102,730	3/4	114,632
1	8,121	1	20,045	1	31,855	1	43,523	1	55,420	1	67,317	1	79,187	1	91,077	1	102,978	1	114,880
1 1/4	8,369	1 1/4	20,293	1 1/4	32,094	1 1/4	43,771	1 1/4	55,668	1 1/4	67,565	1 1/4	79,434	1 1/4	91,325	1 1/4	103,226	1 1/4	115,128
1 1/2	8,618	1 1/2	20,541	1 1/2	32,334	1 1/2	44,019	1 1/2	55,916	1 1/2	67,813	1 1/2	79,680	1 1/2	91,573	1 1/2	103,474	1 1/2	115,376
3/4	8,866	3/4	20,790	3/4	32,573	3/4	44,267	3/4	56,164	3/4	68,061	3/4	79,927	3/4	91,821	3/4	103,722	3/4	115,624
1	9,115	1	21,038	1	32,812	1	44,515	1	56,412	1	68,309	1	80,174	1	92,069	1	103,970	1	115,872
1 1/4	9,363	1 1/4	21,286	1 1/4	33,051	1 1/4	44,763	1 1/4	56,660	1 1/4	68,557	1 1/4	80,421	1 1/4	92,316	1 1/4	104,218	1 1/4	116,119
1 1/2	9,612	1 1/2	21,534	1 1/2	33,291	1 1/2	45,011	1 1/2	56,908	1 1/2	68,804	1 1/2	80,668	1 1/2	92,564	1 1/2	104,466	1 1/2	116,367
3/4	9,860	3/4	21,782	3/4	33,531	3/4	45,258	3/4	57,155	3/4	69,052	3/4	80,915	3/4	92,812	3/4	104,714	3/4	116,614
1	10,109	1	22,030	1	33,770	1	45,506	1	57,403	1	69,300	1	81,162	1	93,060	1	104,962	1	116,862
1 1/4	10,357	1 1/4	22,278	1 1/4	34,009	1 1/4	45,754	1 1/4	57,651	1 1/4	69,548	1 1/4	81,409	1 1/4	93,308	1 1/4	105,210	1 1/4	117,110
1 1/2	10,606	1 1/2	22,526	1 1/2	34,249	1 1/2	46,002	1 1/2	57,899	1 1/2	69,796	1 1/2	81,656	1 1/2	93,556	1 1/2	105,458	1 1/2	117,357
3/4	10,854	3/4	22,774	3/4	34,488	3/4	46,250	3/4	58,147	3/4	70,044	3/4	81,903	3/4	93,804	3/4	105,706	3/4	117,605

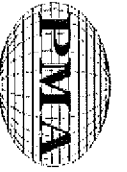
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 AHEAD 30'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "IB 1322"

1 CENTER INNAGE TABLE

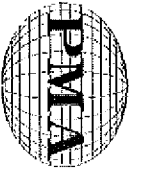
CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	117,852	1/2	128,919	3/4	139,099	1	149,279	1 1/4	159,459	1 1/2	169,612	1 3/4	179,757	1 3/4	189,896	1 1/2	199,996	1 1/4	209,996
1/4	118,100	1/2	129,131	3/4	139,311	1	149,491	1 1/4	159,671	1 1/2	169,824	1 3/4	179,969	1 3/4	189,996	1 1/2	199,996	1 1/4	209,996
1/2	118,348	3/4	129,343	1	139,523	1 1/4	149,703	1 1/2	159,883	1 3/4	169,902	1 3/4	179,921	1 1/2	189,996	1 1/4	199,996	1 1/4	209,996
3/4	118,595	1	129,555	1 1/4	139,735	1 1/2	149,915	1 3/4	160,095	1 3/4	170,047	1 1/2	180,007	1 1/4	190,007	1 1/4	200,007	1 1/4	210,007
1	118,843	1 1/4	129,767	1 1/2	139,947	1 3/4	150,127	1 3/4	160,307	1 1/2	170,192	1 1/4	180,192	1 1/4	190,192	1 1/4	200,192	1 1/4	210,192
1 1/4	119,090	1 1/2	129,979	1 3/4	140,159	1 3/4	150,339	1 1/2	160,519	1 1/4	170,259	1 1/4	180,259	1 1/4	190,259	1 1/4	200,259	1 1/4	210,259
1 1/2	119,338	3/4	130,191	1	140,371	1 1/4	150,551	1 1/2	160,731	1 1/2	170,336	1 1/2	180,336	1 1/2	190,336	1 1/2	200,336	1 1/2	210,336
3/4	119,586	1	130,403	1 1/4	140,583	1 1/2	150,763	1 3/4	160,944	1 3/4	170,353	1 1/2	180,353	1 1/2	190,353	1 1/2	200,353	1 1/2	210,353
1	119,833	1 1/4	130,615	1 1/2	140,795	1 3/4	150,975	1 3/4	161,156	1 1/2	170,461	1 1/4	180,461	1 1/4	190,461	1 1/4	200,461	1 1/4	210,461
1 1/4	120,081	1 1/2	130,827	1 3/4	141,007	1 3/4	151,188	1 1/2	161,368	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
1 1/2	120,328	3/4	131,252	1	141,432	1 1/4	151,612	1 1/2	161,580	1 1/2	170,580	1 1/2	180,580	1 1/2	190,580	1 1/2	200,580	1 1/2	210,580
3/4	120,576	1 1/4	131,252	1 1/2	141,432	1 3/4	151,612	1 3/4	161,792	1 1/2	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1	120,824	1 1/2	131,464	1 3/4	141,644	1 3/4	151,824	1 1/2	162,004	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
1 1/4	121,071	1 1/4	131,676	1 1/2	141,856	1 1/2	152,036	1 1/4	162,216	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	121,319	1 1/2	131,888	1 1/2	142,068	1 1/2	152,248	1 1/2	162,428	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	121,566	3/4	132,100	3/4	142,280	3/4	152,460	3/4	162,640	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481
1	121,814	1	132,312	1	142,492	1	152,672	1	162,852	1	170,481	1	180,481	1	190,481	1	200,481	1	210,481
1 1/4	122,062	1 1/4	132,524	1 1/4	142,704	1 1/4	152,884	1 1/4	163,064	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	122,309	1 1/2	132,736	1 1/2	142,916	1 1/2	153,096	1 1/2	163,276	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	122,557	3/4	132,948	3/4	143,128	3/4	153,308	3/4	163,489	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481
1	122,804	1	133,160	1	143,340	1	153,521	1	163,701	1	170,481	1	180,481	1	190,481	1	200,481	1	210,481
1 1/4	123,047	1 1/4	133,372	1 1/4	143,552	1 1/4	153,733	1 1/4	163,913	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	123,290	1 1/2	133,584	1 1/2	143,765	1 1/2	153,946	1 1/2	164,125	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	123,533	3/4	133,797	3/4	143,977	3/4	154,157	3/4	164,337	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481
1	123,777	1	134,009	1	144,189	1	154,369	1	164,549	1	170,481	1	180,481	1	190,481	1	200,481	1	210,481
1 1/4	124,002	1 1/4	134,221	1 1/4	144,401	1 1/4	154,581	1 1/4	164,761	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	124,227	1 1/2	134,433	1 1/2	144,613	1 1/2	154,793	1 1/2	164,973	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	124,452	3/4	134,645	3/4	144,825	3/4	155,005	3/4	165,185	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481
1	124,677	1	134,857	1	145,037	1	155,217	1	165,397	1	170,481	1	180,481	1	190,481	1	200,481	1	210,481
1 1/4	124,889	1 1/4	135,069	1 1/4	145,249	1 1/4	155,429	1 1/4	165,609	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	125,101	1 1/2	135,281	1 1/2	145,461	1 1/2	155,641	1 1/2	165,821	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	125,313	3/4	135,493	3/4	145,673	3/4	155,853	3/4	166,034	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481
1	125,525	1	135,705	1	145,885	1	156,066	1	166,246	1	170,481	1	180,481	1	190,481	1	200,481	1	210,481
1 1/4	125,737	1 1/4	135,917	1 1/4	146,098	1 1/4	156,278	1 1/4	166,458	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	125,949	1 1/2	136,129	1 1/2	146,310	1 1/2	156,490	1 1/2	166,670	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	126,161	3/4	136,342	3/4	146,522	3/4	156,702	3/4	166,882	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481
1	126,374	1	136,554	1	146,734	1	156,914	1	167,094	1	170,481	1	180,481	1	190,481	1	200,481	1	210,481
1 1/4	126,586	1 1/4	136,766	1 1/4	146,946	1 1/4	157,126	1 1/4	167,305	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	126,798	1 1/2	136,978	1 1/2	147,158	1 1/2	157,338	1 1/2	167,517	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	127,010	3/4	137,190	3/4	147,370	3/4	157,550	3/4	167,728	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481
1	127,222	1	137,402	1	147,582	1	157,762	1	167,940	1	170,481	1	180,481	1	190,481	1	200,481	1	210,481
1 1/4	127,434	1 1/4	137,614	1 1/4	147,794	1 1/4	157,974	1 1/4	168,153	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	127,646	1 1/2	137,826	1 1/2	148,006	1 1/2	158,186	1 1/2	168,366	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	127,858	3/4	138,038	3/4	148,218	3/4	158,398	3/4	168,578	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481
1	128,070	1	138,250	1	148,430	1	158,611	1	168,791	1	170,481	1	180,481	1	190,481	1	200,481	1	210,481
1 1/4	128,282	1 1/4	138,462	1 1/4	148,643	1 1/4	158,823	1 1/4	168,996	1 1/4	170,481	1 1/4	180,481	1 1/4	190,481	1 1/4	200,481	1 1/4	210,481
1 1/2	128,494	1 1/2	138,675	1 1/2	148,855	1 1/2	159,035	1 1/2	169,202	1 1/2	170,481	1 1/2	180,481	1 1/2	190,481	1 1/2	200,481	1 1/2	210,481
3/4	128,706	3/4	138,887	3/4	149,067	3/4	159,247	3/4	169,407	3/4	170,481	3/4	180,481	3/4	190,481	3/4	200,481	3/4	210,481

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.
 P.O. Box 2092
 Pearland, Texas 77888
 http://www.pmtacorp.net



BARGE "IB 1322"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	74	0	9,447	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	30,275	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	30,684	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
1	919	1	11,161	1	21,444	1	31,518	1	41,751	1	52,041	1	62,324	1	72,608	1	82,891	1	93,175
1/4	1,124	1/4	11,375	1/4	21,658	1/4	31,725	1/4	41,971	1/4	52,285	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
1	1,739	1	12,017	1	22,301	1	32,349	1	42,614	1	52,898	1	63,181	1	73,465	1	83,748	1	94,032
1/4	1,952	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	2,165	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
1	2,592	1	12,874	1	23,157	1	33,188	1	43,471	1	53,755	1	64,038	1	74,322	1	84,605	1	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
1	3,448	1	13,731	1	24,014	1	34,045	1	44,328	1	54,612	1	64,895	1	75,179	1	85,462	1	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
1	4,305	1	14,588	1	24,865	1	34,902	1	45,185	1	55,469	1	65,752	1	76,036	1	86,319	1	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	86,716	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	86,962	3/4	97,245
1	5,162	1	15,445	1	25,696	1	35,759	1	46,042	1	56,325	1	66,609	1	76,892	1	87,176	1	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	36,187	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	67,252	3/4	77,535	3/4	87,819	3/4	98,102
1	6,019	1	16,302	1	26,527	1	36,615	1	46,899	1	57,182	1	67,466	1	77,749	1	88,033	1	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	98,959
1	6,876	1	17,159	1	27,358	1	37,472	1	47,756	1	58,039	1	68,323	1	78,606	1	88,890	1	99,173
1/4	7,090	1/4	17,373	1/4	27,566	1/4	37,691	1/4	47,970	1/4	58,254	1/4	68,537	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	37,907	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	7,519	3/4	17,802	3/4	27,982	3/4	38,115	3/4	48,399	3/4	58,682	3/4	68,966	3/4	79,249	3/4	89,533	3/4	99,816
1	7,733	1	18,016	1	28,190	1	38,329	1	48,613	1	58,896	1	69,180	1	79,463	1	89,747	1	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	38,758	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	28,814	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
1	8,590	1	18,873	1	29,022	1	39,186	1	49,470	1	59,753	1	70,037	1	80,320	1	90,604	1	100,887
1/4	8,804	1/4	19,087	1/4	29,230	1/4	39,401	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

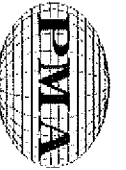
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH IMPRS 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 23'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "IB 1322"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

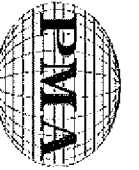
GAUGE HEIGHT 16'-02"

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	163,169	0	173,244	0	183,269	0	193,244
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	163,294	1/4	173,371	1/4	183,396	1/4	193,371
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	163,419	1/2	173,506	1/2	183,431	1/2	193,306
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	163,544	3/4	173,631	3/4	183,556	3/4	193,431
1	102,601	1	112,885	1	123,168	1	133,452	1	143,735	1	153,544	1	163,669	1	173,756	1	183,681	1	193,556
1/4	102,815	1/4	113,099	1/4	123,382	1/4	133,666	1/4	143,949	1/4	153,602	1/4	163,885	1/4	173,972	1/4	183,807	1/4	193,682
1/2	103,030	1/2	113,313	1/2	123,597	1/2	133,880	1/2	144,164	1/2	153,660	1/2	163,943	1/2	174,030	1/2	183,913	1/2	193,788
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	164,001	3/4	174,088	3/4	183,971	3/4	193,846
2	103,458	2	113,742	2	124,025	2	134,309	2	144,592	2	153,794	2	164,077	2	174,164	2	184,047	2	193,922
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	164,077	1/4	174,164	1/4	184,047	1/4	193,922
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	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	104,101	3/4	114,384	3/4	124,668	3/4	134,951	3/4	145,235	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
3	104,315	3	114,599	3	124,882	3	135,166	3	145,449	3	153,794	3	164,077	3	174,164	3	184,047	3	193,922
1/4	104,529	1/4	114,813	1/4	125,096	1/4	135,380	1/4	145,663	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	104,744	1/2	115,027	1/2	125,311	1/2	135,594	1/2	145,878	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	104,958	3/4	115,241	3/4	125,525	3/4	135,808	3/4	146,092	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
4	105,172	4	115,456	4	125,739	4	136,023	4	146,306	4	153,794	4	164,077	4	174,164	4	184,047	4	193,922
1/4	105,386	1/4	115,670	1/4	125,953	1/4	136,237	1/4	146,520	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	105,601	1/2	115,884	1/2	126,168	1/2	136,451	1/2	146,735	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	105,815	3/4	116,098	3/4	126,382	3/4	136,665	3/4	146,949	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
5	106,029	5	116,313	5	126,596	5	136,880	5	147,163	5	153,794	5	164,077	5	174,164	5	184,047	5	193,922
1/4	106,243	1/4	116,527	1/4	126,810	1/4	137,094	1/4	147,377	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	106,457	1/2	116,741	1/2	127,024	1/2	137,308	1/2	147,661	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	106,672	3/4	116,955	3/4	127,239	3/4	137,522	3/4	147,896	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
6	106,886	6	117,169	6	127,453	6	137,736	6	148,020	6	153,794	6	164,077	6	174,164	6	184,047	6	193,922
1/4	107,100	1/4	117,384	1/4	127,667	1/4	137,951	1/4	148,234	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	107,314	1/2	117,598	1/2	127,881	1/2	138,165	1/2	148,448	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	107,529	3/4	117,812	3/4	128,096	3/4	138,379	3/4	148,663	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
7	107,743	7	118,026	7	128,310	7	138,593	7	148,877	7	153,794	7	164,077	7	174,164	7	184,047	7	193,922
1/4	107,957	1/4	118,241	1/4	128,524	1/4	138,808	1/4	149,091	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	108,171	1/2	118,455	1/2	128,738	1/2	139,022	1/2	149,305	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	108,386	3/4	118,669	3/4	128,953	3/4	139,236	3/4	149,520	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
8	108,600	8	118,883	8	129,167	8	139,450	8	149,734	8	153,794	8	164,077	8	174,164	8	184,047	8	193,922
1/4	108,814	1/4	119,098	1/4	129,381	1/4	139,665	1/4	149,948	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	109,028	1/2	119,312	1/2	129,595	1/2	139,879	1/2	150,162	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	109,243	3/4	119,526	3/4	129,810	3/4	140,093	3/4	150,376	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
9	109,457	9	119,740	9	130,024	9	140,307	9	150,591	9	153,794	9	164,077	9	174,164	9	184,047	9	193,922
1/4	109,671	1/4	119,955	1/4	130,238	1/4	140,522	1/4	150,804	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	109,885	1/2	120,169	1/2	130,452	1/2	140,736	1/2	151,018	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	110,100	3/4	120,383	3/4	130,667	3/4	140,950	3/4	151,232	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
10	110,314	10	120,597	10	130,881	10	141,164	10	151,446	10	153,794	10	164,077	10	174,164	10	184,047	10	193,922
1/4	110,528	1/4	120,812	1/4	131,095	1/4	141,379	1/4	151,667	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	110,742	1/2	121,026	1/2	131,309	1/2	141,593	1/2	151,886	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	110,957	3/4	121,240	3/4	131,524	3/4	141,807	3/4	152,079	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922
11	111,171	11	121,454	11	131,738	11	142,021	11	152,289	11	153,794	11	164,077	11	174,164	11	184,047	11	193,922
1/4	111,385	1/4	121,669	1/4	131,952	1/4	142,235	1/4	152,478	1/4	153,794	1/4	164,077	1/4	174,164	1/4	184,047	1/4	193,922
1/2	111,599	1/2	121,883	1/2	132,166	1/2	142,450	1/2	152,667	1/2	153,794	1/2	164,077	1/2	174,164	1/2	184,047	1/2	193,922
3/4	111,813	3/4	122,097	3/4	132,380	3/4	142,664	3/4	152,856	3/4	153,794	3/4	164,077	3/4	174,164	3/4	184,047	3/4	193,922

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STAMPED: 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.
 Pearland, Texas 77568
 P.O. Box 2092
 http://www.pma.com.net



BARGE "IB 1322"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		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	9,521	0	19,885	0	30,224	0	40,576	0	50,940	0	61,305	0	71,669	0	82,033	0	92,398
1/4	139	1/4	9,757	1/2	20,100	1/4	30,439	1/2	40,792	1/4	51,156	1/2	61,521	1/4	71,885	1/2	82,249	1/4	92,613
1/2	204	1/2	9,993	1/2	20,316	1/2	30,654	1/2	41,008	1/2	51,372	1/2	61,737	1/2	72,101	1/2	82,465	1/2	92,829
3/4	268	3/4	10,168	3/4	20,532	3/4	30,869	3/4	41,224	3/4	51,588	3/4	61,952	3/4	72,317	3/4	82,681	3/4	93,045
1	333	1	10,334	1	20,748	1	31,084	1	41,440	1	51,804	1	62,168	1	72,533	1	82,897	1	93,261
1 1/4	461	1 1/4	10,600	1 1/4	20,964	1 1/4	31,299	1 1/4	41,556	1 1/4	52,020	1 1/4	62,384	1 1/4	72,749	1 1/4	83,113	1 1/4	93,477
1 1/2	629	1 1/2	10,816	1 1/2	21,180	1 1/2	31,514	1 1/2	41,872	1 1/2	52,236	1 1/2	62,600	1 1/2	72,965	1 1/2	83,329	1 1/2	93,693
1 3/4	777	1 3/4	11,032	1 3/4	21,396	1 3/4	31,729	1 3/4	42,088	1 3/4	52,452	1 3/4	62,816	1 3/4	73,180	1 3/4	83,545	1 3/4	93,909
2	926	2	11,248	2	21,612	2	31,944	2	42,304	2	52,668	2	63,032	2	73,396	2	83,760	2	94,124
1 1/4	1,132	1 1/4	11,464	1 1/4	21,828	1 1/4	32,159	1 1/4	42,519	1 1/4	52,884	1 1/4	63,248	1 1/4	73,612	1 1/4	83,977	1 1/4	94,341
1 1/2	1,339	1 1/2	11,680	1 1/2	22,044	1 1/2	32,375	1 1/2	42,735	1 1/2	53,100	1 1/2	63,464	1 1/2	73,828	1 1/2	84,192	1 1/2	94,557
1 3/4	1,545	1 3/4	11,896	1 3/4	22,260	1 3/4	32,590	1 3/4	42,951	1 3/4	53,316	1 3/4	63,680	1 3/4	74,044	1 3/4	84,408	1 3/4	94,773
2	1,752	2	12,112	2	22,475	2	32,805	2	43,167	2	53,531	2	63,896	2	74,260	2	84,624	2	94,989
1 1/4	1,967	1 1/4	12,328	1 1/4	22,691	1 1/4	33,020	1 1/4	43,383	1 1/4	53,747	1 1/4	64,112	1 1/4	74,476	1 1/4	84,840	1 1/4	95,205
1 1/2	2,182	1 1/2	12,543	1 1/2	22,907	1 1/2	33,236	1 1/2	43,599	1 1/2	53,965	1 1/2	64,328	1 1/2	74,692	1 1/2	85,056	1 1/2	95,420
1 3/4	2,397	1 3/4	12,759	1 3/4	23,123	1 3/4	33,451	1 3/4	43,815	1 3/4	54,179	1 3/4	64,544	1 3/4	74,908	1 3/4	85,272	1 3/4	95,636
2	2,612	2	12,975	2	23,339	2	33,667	2	44,031	2	54,395	2	64,759	2	75,124	2	85,488	2	95,852
1 1/4	2,828	1 1/4	13,191	1 1/4	23,555	1 1/4	33,883	1 1/4	44,247	1 1/4	54,611	1 1/4	64,975	1 1/4	75,340	1 1/4	85,704	1 1/4	96,088
1 1/2	3,044	1 1/2	13,407	1 1/2	23,771	1 1/2	34,098	1 1/2	44,463	1 1/2	54,827	1 1/2	65,191	1 1/2	75,556	1 1/2	85,920	1 1/2	96,284
1 3/4	3,259	1 3/4	13,623	1 3/4	23,987	1 3/4	34,314	1 3/4	44,679	1 3/4	55,043	1 3/4	65,407	1 3/4	75,772	1 3/4	86,136	1 3/4	96,500
2	3,475	2	13,839	2	24,203	2	34,530	2	44,895	2	55,259	2	65,623	2	75,987	2	86,352	2	96,716
1 1/4	3,691	1 1/4	14,055	1 1/4	24,418	1 1/4	34,746	1 1/4	45,111	1 1/4	55,475	1 1/4	65,839	1 1/4	76,203	1 1/4	86,568	1 1/4	96,932
1 1/2	3,907	1 1/2	14,271	1 1/2	24,634	1 1/2	34,962	1 1/2	45,326	1 1/2	55,691	1 1/2	66,055	1 1/2	76,419	1 1/2	86,784	1 1/2	97,148
1 3/4	4,123	1 3/4	14,487	1 3/4	24,850	1 3/4	35,178	1 3/4	45,542	1 3/4	55,907	1 3/4	66,271	1 3/4	76,635	1 3/4	86,999	1 3/4	97,364
2	4,339	2	14,703	2	25,065	2	35,394	2	45,758	2	56,123	2	66,487	2	76,851	2	87,215	2	97,580
1 1/4	4,555	1 1/4	14,919	1 1/4	25,280	1 1/4	35,610	1 1/4	45,974	1 1/4	56,338	1 1/4	66,703	1 1/4	77,067	1 1/4	87,431	1 1/4	97,796
1 1/2	4,771	1 1/2	15,134	1 1/2	25,495	1 1/2	35,826	1 1/2	46,190	1 1/2	56,554	1 1/2	66,919	1 1/2	77,283	1 1/2	87,647	1 1/2	98,012
1 3/4	4,987	1 3/4	15,350	1 3/4	25,710	1 3/4	36,042	1 3/4	46,406	1 3/4	56,770	1 3/4	67,135	1 3/4	77,499	1 3/4	87,863	1 3/4	98,227
2	5,202	2	15,566	2	25,925	2	36,258	2	46,622	2	56,986	2	67,351	2	77,715	2	88,079	2	98,443
1 1/4	5,418	1 1/4	15,782	1 1/4	26,140	1 1/4	36,474	1 1/4	46,838	1 1/4	57,202	1 1/4	67,566	1 1/4	77,931	1 1/4	88,295	1 1/4	98,659
1 1/2	5,634	1 1/2	15,998	1 1/2	26,355	1 1/2	36,690	1 1/2	47,054	1 1/2	57,418	1 1/2	67,782	1 1/2	78,147	1 1/2	88,511	1 1/2	98,875
1 3/4	5,850	1 3/4	16,214	1 3/4	26,570	1 3/4	36,905	1 3/4	47,270	1 3/4	57,634	1 3/4	67,998	1 3/4	78,363	1 3/4	88,727	1 3/4	99,091
2	6,066	2	16,430	2	26,785	2	37,121	2	47,486	2	57,850	2	68,214	2	78,579	2	88,943	2	99,307
1 1/4	6,282	1 1/4	16,646	1 1/4	27,000	1 1/4	37,337	1 1/4	47,702	1 1/4	58,066	1 1/4	68,430	1 1/4	78,794	1 1/4	89,159	1 1/4	99,523
1 1/2	6,498	1 1/2	16,862	1 1/2	27,215	1 1/2	37,553	1 1/2	47,918	1 1/2	58,282	1 1/2	68,646	1 1/2	79,010	1 1/2	89,375	1 1/2	99,739
1 3/4	6,714	1 3/4	17,078	1 3/4	27,430	1 3/4	37,769	1 3/4	48,133	1 3/4	58,498	1 3/4	68,862	1 3/4	79,226	1 3/4	89,591	1 3/4	99,955
2	6,930	2	17,294	2	27,645	2	37,985	2	48,349	2	58,714	2	69,078	2	79,442	2	89,806	2	100,171
1 1/4	7,146	1 1/4	17,509	1 1/4	27,860	1 1/4	38,201	1 1/4	48,565	1 1/4	58,930	1 1/4	69,294	1 1/4	79,658	1 1/4	89,974	1 1/4	100,387
1 1/2	7,362	1 1/2	17,725	1 1/2	28,075	1 1/2	38,417	1 1/2	48,781	1 1/2	59,145	1 1/2	69,510	1 1/2	79,874	1 1/2	90,238	1 1/2	100,603
1 3/4	7,577	1 3/4	17,941	1 3/4	28,290	1 3/4	38,633	1 3/4	48,997	1 3/4	59,361	1 3/4	69,726	1 3/4	80,090	1 3/4	90,454	1 3/4	100,819
2	7,793	2	18,157	2	28,505	2	38,849	2	49,213	2	59,577	2	69,942	2	80,306	2	90,670	2	101,034
1 1/4	8,009	1 1/4	18,373	1 1/4	28,720	1 1/4	39,065	1 1/4	49,429	1 1/4	59,793	1 1/4	70,158	1 1/4	80,522	1 1/4	90,886	1 1/4	101,250
1 1/2	8,225	1 1/2	18,589	1 1/2	28,935	1 1/2	39,281	1 1/2	49,645	1 1/2	60,009	1 1/2	70,373	1 1/2	80,738	1 1/2	91,102	1 1/2	101,466
1 3/4	8,441	1 3/4	18,805	1 3/4	29,150	1 3/4	39,497	1 3/4	49,861	1 3/4	60,225	1 3/4	70,589	1 3/4	80,954	1 3/4	91,318	1 3/4	101,682
2	8,657	2	19,021	2	29,364	2	39,712	2	50,077	2	60,441	2	70,805	2	81,170	2	91,534	2	101,898
1 1/4	8,873	1 1/4	19,237	1 1/4	29,579	1 1/4	39,928	1 1/4	50,293	1 1/4	60,657	1 1/4	71,021	1 1/4	81,385	1 1/4	91,750	1 1/4	102,114
1 1/2	9,089	1 1/2	19,453	1 1/2	29,794	1 1/2	40,144	1 1/2	50,509	1 1/2	60,873	1 1/2	71,237	1 1/2	81,601	1 1/2	91,966	1 1/2	102,330
1 3/4	9,305	1 3/4	19,669	1 3/4	30,009	1 3/4	40,360	1 3/4	50,725	1 3/4	61,089	1 3/4	71,453	1 3/4	81,817	1 3/4	92,182	1 3/4	102,546

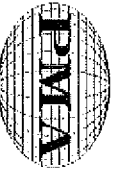
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
GAUGE POINT (HERMETIC) LOCATED ON CENTERLINE AND 24" 00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
http://www.pmao.com



BARGE "IB 1322"

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
1/2	102,762	1/4	113,126	0	123,490	1/4	133,855	0	144,219	1/4	154,585	0	164,950	1/4	175,315	0	185,680	1/4	196,045
1/2	102,978	1/4	113,342	1/2	123,706	1/4	134,071	1/2	144,435	1/4	154,799	1/2	165,164	1/4	175,528	1/2	185,892	1/4	196,257
3/4	103,194	1/2	113,558	1/2	123,922	1/2	134,287	1/2	144,651	1/2	155,015	1/2	165,380	1/2	175,744	1/2	186,108	1/2	196,473
1	103,626	1	113,990	1	124,354	1	134,718	1	145,083	1	155,447	1	165,811	1	176,175	1	186,540	1	196,904
1/4	103,841	1/4	114,206	1/4	124,570	1/4	134,934	1/4	145,299	1/4	155,663	1/4	166,027	1/4	176,391	1/4	186,756	1/4	197,120
1/2	104,057	1/2	114,422	1/2	124,786	1/2	135,150	1/2	145,514	1/2	155,878	1/2	166,242	1/2	176,606	1/2	186,970	1/2	197,334
3/4	104,273	3/4	114,638	3/4	125,002	3/4	135,366	3/4	145,730	3/4	156,094	3/4	166,458	3/4	176,822	3/4	187,186	3/4	197,550
2	104,489	2	114,853	2	125,218	2	135,582	2	145,946	2	156,310	2	166,674	2	177,038	2	187,402	2	197,766
1/4	104,705	1/4	115,069	1/4	125,434	1/4	135,798	1/4	146,162	1/4	156,526	1/4	166,890	1/4	177,254	1/4	187,618	1/4	197,982
1/2	104,921	1/2	115,285	1/2	125,650	1/2	136,014	1/2	146,378	1/2	156,742	1/2	167,106	1/2	177,470	1/2	187,834	1/2	198,198
3/4	105,137	3/4	115,501	3/4	125,866	3/4	136,230	3/4	146,594	3/4	156,958	3/4	167,322	3/4	177,686	3/4	188,050	3/4	198,414
3	105,353	3	115,717	3	126,081	3	136,446	3	146,810	3	157,174	3	167,538	3	177,902	3	188,266	3	198,630
1/4	105,569	1/4	115,933	1/4	126,297	1/4	136,662	1/4	147,026	1/4	157,390	1/4	167,754	1/4	178,118	1/4	188,482	1/4	198,846
1/2	105,785	1/2	116,149	1/2	126,513	1/2	136,878	1/2	147,242	1/2	157,606	1/2	167,970	1/2	178,334	1/2	188,698	1/2	199,062
3/4	106,001	3/4	116,365	3/4	126,729	3/4	137,094	3/4	147,458	3/4	157,822	3/4	168,186	3/4	178,550	3/4	188,914	3/4	199,278
4	106,217	4	116,581	4	126,945	4	137,309	4	147,674	4	158,038	4	168,402	4	178,766	4	189,130	4	199,494
1/4	106,433	1/4	116,797	1/4	127,161	1/4	137,525	1/4	147,890	1/4	158,254	1/4	168,618	1/4	178,982	1/4	189,346	1/4	199,710
1/2	106,648	1/2	117,013	1/2	127,377	1/2	137,741	1/2	148,106	1/2	158,470	1/2	168,834	1/2	179,198	1/2	189,562	1/2	199,926
3/4	106,864	3/4	117,229	3/4	127,593	3/4	137,957	3/4	148,321	3/4	158,685	3/4	169,049	3/4	179,413	3/4	189,777	3/4	200,141
5	107,080	5	117,445	5	127,809	5	138,173	5	148,537	5	158,901	5	169,265	5	179,629	5	190,000	5	200,364
1/4	107,296	1/4	117,660	1/4	128,025	1/4	138,389	1/4	148,753	1/4	159,117	1/4	169,481	1/4	179,845	1/4	190,209	1/4	200,573
1/2	107,512	1/2	117,876	1/2	128,241	1/2	138,605	1/2	148,969	1/2	159,333	1/2	169,697	1/2	180,061	1/2	190,425	1/2	200,789
3/4	107,728	3/4	118,092	3/4	128,457	3/4	138,821	3/4	149,185	3/4	159,549	3/4	169,913	3/4	180,277	3/4	190,641	3/4	201,003
6	107,944	6	118,308	6	128,673	6	139,037	6	149,401	6	159,765	6	170,129	6	180,493	6	190,857	6	201,217
1/4	108,160	1/4	118,524	1/4	128,888	1/4	139,253	1/4	149,617	1/4	160,000	1/4	170,364	1/4	180,728	1/4	191,092	1/4	201,456
1/2	108,376	1/2	118,740	1/2	129,104	1/2	139,469	1/2	149,833	1/2	160,220	1/2	170,584	1/2	180,948	1/2	191,312	1/2	201,676
3/4	108,592	3/4	118,956	3/4	129,320	3/4	139,685	3/4	150,049	3/4	160,440	3/4	170,804	3/4	181,168	3/4	191,532	3/4	201,890
7	108,808	7	119,172	7	129,536	7	139,900	7	150,265	7	160,670	7	171,034	7	181,398	7	191,762	7	202,126
1/4	109,024	1/4	119,388	1/4	129,752	1/4	140,116	1/4	150,481	1/4	160,845	1/4	171,209	1/4	181,573	1/4	191,937	1/4	202,300
1/2	109,240	1/2	119,604	1/2	129,968	1/2	140,332	1/2	150,697	1/2	161,061	1/2	171,425	1/2	181,789	1/2	192,153	1/2	202,514
3/4	109,456	3/4	119,820	3/4	130,184	3/4	140,548	3/4	150,913	3/4	161,278	3/4	171,642	3/4	182,006	3/4	192,370	3/4	202,728
8	109,671	8	120,036	8	130,400	8	140,764	8	151,128	8	161,492	8	171,856	8	182,220	8	192,584	8	202,948
1/4	109,887	1/4	120,252	1/4	130,616	1/4	140,980	1/4	151,344	1/4	161,708	1/4	172,072	1/4	182,436	1/4	192,800	1/4	203,164
1/2	110,103	1/2	120,467	1/2	130,832	1/2	141,196	1/2	151,560	1/2	161,924	1/2	172,288	1/2	182,652	1/2	193,016	1/2	203,378
3/4	110,319	3/4	120,683	3/4	131,048	3/4	141,412	3/4	151,776	3/4	162,140	3/4	172,504	3/4	182,868	3/4	193,232	3/4	203,592
9	110,535	9	120,899	9	131,264	9	141,628	9	151,992	9	162,356	9	172,720	9	183,084	9	193,448	9	203,806
1/4	110,751	1/4	121,115	1/4	131,480	1/4	141,844	1/4	152,207	1/4	162,571	1/4	172,935	1/4	183,299	1/4	193,663	1/4	204,020
1/2	110,967	1/2	121,331	1/2	131,695	1/2	142,060	1/2	152,423	1/2	162,787	1/2	173,150	1/2	183,514	1/2	193,878	1/2	204,236
3/4	111,183	3/4	121,547	3/4	131,911	3/4	142,276	3/4	152,638	3/4	163,001	3/4	173,364	3/4	183,727	3/4	194,090	3/4	204,452
10	111,399	10	121,763	10	132,127	10	142,492	10	152,854	10	163,217	10	173,580	10	183,943	10	194,304	10	204,668
1/4	111,615	1/4	121,979	1/4	132,343	1/4	142,707	1/4	153,069	1/4	163,431	1/4	173,794	1/4	184,157	1/4	194,518	1/4	204,884
1/2	111,831	1/2	122,195	1/2	132,559	1/2	142,923	1/2	153,279	1/2	163,787	1/2	174,150	1/2	184,514	1/2	194,876	1/2	205,100
3/4	112,046	3/4	122,411	3/4	132,775	3/4	143,139	3/4	153,492	3/4	164,040	3/4	174,403	3/4	184,767	3/4	195,130	3/4	205,316
11	112,262	11	122,627	11	132,991	11	143,355	11	153,704	11	164,053	11	174,416	11	184,780	11	195,144	11	205,532
1/4	112,478	1/4	122,843	1/4	133,207	1/4	143,571	1/4	153,894	1/4	164,247	1/4	174,610	1/4	185,074	1/4	195,438	1/4	205,748
1/2	112,694	1/2	123,059	1/2	133,423	1/2	143,787	1/2	154,085	1/2	164,386	1/2	174,749	1/2	185,197	1/2	195,550	1/2	205,964
3/4	112,910	3/4	123,274	3/4	133,639	3/4	144,003	3/4	154,275	3/4	164,590	3/4	174,953	3/4	185,361	3/4	195,714	3/4	206,180

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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