



BARGE "IB 1905"

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

(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 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 176'-09"

May 13, 2019

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



BARGE "IB 1905"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	26	0	11,310	0	24,244	0	37,003	0	49,830	0	62,754	0	75,661	0	88,592	0	101,520	0	114,447
1/4	71	1/4	11,580	1/4	24,513	1/4	37,266	1/4	50,099	1/4	63,023	1/4	75,920	1/4	88,861	1/4	101,789	1/4	114,716
1/2	116	1/2	11,849	1/2	24,783	1/2	37,528	1/2	50,368	1/2	63,292	1/2	76,200	1/2	89,130	1/2	102,058	1/2	114,986
3/4	161	3/4	12,119	3/4	25,052	3/4	37,790	3/4	50,637	3/4	63,561	3/4	76,469	3/4	89,400	3/4	102,328	3/4	115,255
1	206	1	12,388	1	25,322	1	38,052	1	50,907	1	63,829	1	76,738	1	89,669	1	102,587	1	115,525
1 1/4	341	1 1/4	12,657	1 1/4	25,591	1 1/4	38,316	1 1/4	51,176	1 1/4	64,098	1 1/4	77,008	1 1/4	89,939	1 1/4	102,867	1 1/4	115,794
1 1/2	476	1 1/2	12,927	1 1/2	25,861	1 1/2	38,576	1 1/2	51,445	1 1/2	64,367	1 1/2	77,277	1 1/2	90,208	1 1/2	103,135	1 1/2	116,063
1 3/4	611	1 3/4	13,196	1 3/4	26,130	1 3/4	38,839	1 3/4	51,714	1 3/4	64,636	1 3/4	77,547	1 3/4	90,477	1 3/4	103,404	1 3/4	116,333
2	746	2	13,466	2	26,400	2	39,101	2	51,984	2	64,904	2	77,816	2	90,747	2	103,674	2	116,602
1/4	971	1/4	13,735	1/4	26,669	1/4	39,365	1/4	52,253	1/4	65,173	1/4	78,085	1/4	91,016	1/4	103,943	1/4	116,871
1/2	1,195	1/2	14,005	1/2	26,938	1/2	39,629	1/2	52,522	1/2	65,442	1/2	78,355	1/2	91,285	1/2	104,212	1/2	117,141
3/4	1,420	3/4	14,274	3/4	27,208	3/4	39,893	3/4	52,791	3/4	65,711	3/4	78,624	3/4	91,555	3/4	104,481	3/4	117,410
1	1,645	1	14,544	1	27,477	1	40,157	1	53,061	1	65,980	1	78,894	1	91,824	1	104,750	1	117,680
1 1/4	1,909	1 1/4	14,813	1 1/4	27,747	1 1/4	40,421	1 1/4	53,330	1 1/4	66,248	1 1/4	79,153	1 1/4	92,094	1 1/4	105,020	1 1/4	117,949
1 1/2	2,173	1 1/2	15,083	1 1/2	28,016	1 1/2	40,685	1 1/2	53,599	1 1/2	66,517	1 1/2	79,432	1 1/2	92,363	1 1/2	105,289	1 1/2	118,218
1 3/4	2,438	1 3/4	15,352	1 3/4	28,286	1 3/4	40,949	1 3/4	53,869	1 3/4	66,786	1 3/4	79,702	1 3/4	92,632	1 3/4	105,558	1 3/4	118,488
2	2,702	2	15,621	2	28,555	2	41,213	2	54,138	2	67,055	2	79,971	2	92,902	2	105,827	2	118,757
1/4	2,969	1/4	15,891	1/4	28,825	1/4	41,483	1/4	54,407	1/4	67,324	1/4	80,240	1/4	93,171	1/4	106,096	1/4	119,027
1/2	3,236	1/2	16,160	1/2	29,094	1/2	41,752	1/2	54,676	1/2	67,592	1/2	80,510	1/2	93,441	1/2	106,366	1/2	119,296
3/4	3,502	3/4	16,430	3/4	29,364	3/4	42,021	3/4	54,946	3/4	67,861	3/4	80,779	3/4	93,710	3/4	106,635	3/4	119,565
1	3,769	1	16,699	1	29,633	1	42,290	1	55,215	1	68,130	1	81,049	1	93,979	1	106,904	1	119,835
1 1/4	4,038	1 1/4	16,969	1 1/4	29,902	1 1/4	42,560	1 1/4	55,484	1 1/4	68,399	1 1/4	81,318	1 1/4	94,249	1 1/4	107,173	1 1/4	120,104
1 1/2	4,306	1 1/2	17,238	1 1/2	30,172	1 1/2	42,829	1 1/2	55,753	1 1/2	68,668	1 1/2	81,587	1 1/2	94,518	1 1/2	107,442	1 1/2	120,374
1 3/4	4,574	1 3/4	17,508	1 3/4	30,441	1 3/4	43,098	1 3/4	56,022	1 3/4	68,936	1 3/4	81,857	1 3/4	94,788	1 3/4	107,711	1 3/4	120,643
2	4,842	2	17,777	2	30,711	2	43,367	2	56,292	2	69,205	2	82,126	2	95,057	2	107,982	2	120,912
1/4	5,111	1/4	18,047	1/4	30,973	1/4	43,637	1/4	56,565	1/4	69,474	1/4	82,396	1/4	95,326	1/4	108,251	1/4	121,182
1/2	5,380	1/2	18,316	1/2	31,235	1/2	43,905	1/2	56,830	1/2	69,743	1/2	82,665	1/2	95,596	1/2	108,520	1/2	121,451
3/4	5,650	3/4	18,585	3/4	31,497	3/4	44,175	3/4	57,100	3/4	70,011	3/4	82,934	3/4	95,865	3/4	108,790	3/4	121,721
1	5,919	1	18,855	1	31,760	1	44,444	1	57,369	1	70,280	1	83,204	1	96,135	1	109,059	1	121,990
1 1/4	6,188	1 1/4	19,124	1 1/4	32,022	1 1/4	44,714	1 1/4	57,638	1 1/4	70,549	1 1/4	83,473	1 1/4	96,404	1 1/4	109,329	1 1/4	122,259
1 1/2	6,458	1 1/2	19,394	1 1/2	32,284	1 1/2	44,983	1 1/2	57,907	1 1/2	70,818	1 1/2	83,743	1 1/2	96,673	1 1/2	109,598	1 1/2	122,529
1 3/4	6,727	1 3/4	19,663	1 3/4	32,546	1 3/4	45,252	1 3/4	58,177	1 3/4	71,087	1 3/4	84,012	1 3/4	96,943	1 3/4	109,867	1 3/4	122,798
2	6,997	2	19,933	2	32,808	2	45,521	2	58,446	2	71,355	2	84,281	2	97,212	2	110,137	2	123,067
1/4	7,266	1/4	20,202	1/4	33,071	1/4	45,791	1/4	58,715	1/4	71,624	1/4	84,551	1/4	97,481	1/4	110,406	1/4	123,337
1/2	7,536	1/2	20,472	1/2	33,333	1/2	46,060	1/2	58,984	1/2	71,893	1/2	84,820	1/2	97,751	1/2	110,675	1/2	123,606
3/4	7,805	3/4	20,741	3/4	33,595	3/4	46,329	3/4	59,254	3/4	72,162	3/4	85,090	3/4	98,020	3/4	110,945	3/4	123,876
1	8,075	1	21,010	1	33,857	1	46,598	1	59,523	1	72,431	1	85,359	1	98,290	1	111,214	1	124,145
1 1/4	8,344	1 1/4	21,280	1 1/4	34,119	1 1/4	46,868	1 1/4	59,792	1 1/4	72,699	1 1/4	85,628	1 1/4	98,559	1 1/4	111,484	1 1/4	124,319
1 1/2	8,614	1 1/2	21,549	1 1/2	34,381	1 1/2	47,137	1 1/2	60,062	1 1/2	72,968	1 1/2	85,898	1 1/2	98,828	1 1/2	111,753	1 1/2	124,492
1 3/4	8,884	1 3/4	21,819	1 3/4	34,644	1 3/4	47,406	1 3/4	60,331	1 3/4	73,237	1 3/4	86,167	1 3/4	99,097	1 3/4	112,022	1 3/4	124,666
2	9,154	2	22,088	2	34,906	2	47,676	2	60,600	2	73,506	2	86,436	2	99,366	2	112,292	2	124,840
1/4	9,423	1/4	22,358	1/4	35,168	1/4	47,945	1/4	60,869	1/4	73,775	1/4	86,706	1/4	99,636	1/4	112,561	1/4	125,014
1/2	9,693	1/2	22,627	1/2	35,430	1/2	48,214	1/2	61,139	1/2	74,045	1/2	86,975	1/2	99,905	1/2	112,831	1/2	125,287
3/4	9,963	3/4	22,897	3/4	35,692	3/4	48,483	3/4	61,408	3/4	74,314	3/4	87,245	3/4	100,174	3/4	113,100	3/4	125,561
1	10,232	1	23,166	1	35,955	1	48,753	1	61,677	1	74,583	1	87,514	1	100,443	1	113,369	1	125,835
1 1/4	10,502	1 1/4	23,436	1 1/4	36,217	1 1/4	49,022	1 1/4	61,946	1 1/4	74,853	1 1/4	87,783	1 1/4	100,712	1 1/4	113,639	1 1/4	126,109
1 1/2	10,771	1 1/2	23,705	1 1/2	36,479	1 1/2	49,291	1 1/2	62,216	1 1/2	75,122	1 1/2	88,053	1 1/2	100,982	1 1/2	113,908	1 1/2	126,383
1 3/4	11,041	1 3/4	23,974	1 3/4	36,741	1 3/4	49,560	1 3/4	62,485	1 3/4	75,391	1 3/4	88,322	1 3/4	101,251	1 3/4	114,178	1 3/4	126,658

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2052
Pearland, Texas 77588
<http://www.pmaacorp.net>

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 31'-03" FORWARD OF AFT BULKHEAD.



BARGE "IB 1905"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	126,232	0	134,598	0	142,964	0	151,329	0	159,689	0	168,050	0	176,411	0	184,772	0	193,133	0	201,494
1/4	126,406	1/4	134,772	1/4	143,138	1/4	151,504	1/4	159,861	1/4	168,218	1/4	176,575	1/4	184,932	1/4	193,289	1/4	201,646
1/2	126,580	1/2	134,946	1/2	143,312	1/2	151,678	1/2	160,035	1/2	168,392	1/2	176,749	1/2	185,106	1/2	193,463	1/2	201,820
3/4	126,755	3/4	135,121	3/4	143,486	3/4	151,852	3/4	160,209	3/4	168,566	3/4	176,923	3/4	185,280	3/4	193,637	3/4	201,994
1	126,929	1	135,295	1	143,651	1	152,007	1	160,364	1	168,721	1	177,078	1	185,435	1	193,792	1	202,149
1 1/4	127,103	1 1/4	135,469	1 1/4	143,825	1 1/4	152,181	1 1/4	160,538	1 1/4	168,895	1 1/4	177,252	1 1/4	185,609	1 1/4	193,966	1 1/4	202,323
1 1/2	127,278	1 1/2	135,643	1 1/2	144,009	1 1/2	152,355	1 1/2	160,712	1 1/2	169,069	1 1/2	177,426	1 1/2	185,783	1 1/2	194,140	1 1/2	202,497
3/4	127,452	3/4	135,818	3/4	144,184	3/4	152,529	3/4	160,888	3/4	169,245	3/4	177,602	3/4	185,959	3/4	194,316	3/4	202,674
2	127,626	2	135,992	2	144,358	2	152,704	2	161,061	2	169,418	2	177,775	2	186,132	2	194,490	2	202,848
1/4	127,800	1/4	136,166	1/4	144,532	1/4	152,878	1/4	161,235	1/4	169,592	1/4	177,949	1/4	186,306	1/4	194,663	1/4	203,026
1/2	127,975	1/2	136,341	1/2	144,706	1/2	153,052	1/2	161,409	1/2	169,766	1/2	178,123	1/2	186,480	1/2	194,840	1/2	203,194
3/4	128,149	3/4	136,515	3/4	144,881	3/4	153,227	3/4	161,583	3/4	169,940	3/4	178,297	3/4	186,654	3/4	195,014	3/4	203,368
1	128,323	1	136,689	1	145,055	1	153,421	1	161,759	1	170,116	1	178,473	1	186,830	1	195,188	1	203,542
1 1/4	128,498	1 1/4	136,863	1 1/4	145,229	1 1/4	153,595	1 1/4	161,935	1 1/4	170,292	1 1/4	178,649	1 1/4	187,006	1 1/4	195,362	1 1/4	203,716
1 1/2	128,672	1 1/2	137,038	1 1/2	145,404	1 1/2	153,769	1 1/2	162,108	1 1/2	170,465	1 1/2	178,822	1 1/2	187,179	1 1/2	195,536	1 1/2	203,890
3/4	128,846	3/4	137,212	3/4	145,578	3/4	153,944	3/4	162,282	3/4	170,639	3/4	179,000	3/4	187,357	3/4	195,710	3/4	204,064
4	129,020	4	137,386	4	145,752	4	154,118	4	162,456	4	170,813	4	179,170	4	187,527	4	195,884	4	204,238
1/4	129,195	1/4	137,561	1/4	145,926	1/4	154,292	1/4	162,630	1/4	170,987	1/4	179,344	1/4	187,701	1/4	196,058	1/4	204,412
1/2	129,369	1/2	137,735	1/2	146,101	1/2	154,467	1/2	162,804	1/2	171,161	1/2	179,518	1/2	187,875	1/2	196,232	1/2	204,586
3/4	129,543	3/4	137,909	3/4	146,275	3/4	154,641	3/4	162,978	3/4	171,335	3/4	179,692	3/4	188,049	3/4	196,406	3/4	204,760
1	129,718	1	138,083	1	146,449	1	154,815	1	163,152	1	171,509	1	179,866	1	188,223	1	196,580	1	204,934
1 1/4	129,892	1 1/4	138,258	1 1/4	146,624	1 1/4	154,989	1 1/4	163,326	1 1/4	171,683	1 1/4	180,040	1 1/4	188,397	1 1/4	196,754	1 1/4	205,108
1 1/2	130,066	1 1/2	138,432	1 1/2	146,798	1 1/2	155,164	1 1/2	163,499	1 1/2	171,857	1 1/2	180,214	1 1/2	188,571	1 1/2	196,928	1 1/2	205,282
3/4	130,240	3/4	138,606	3/4	146,972	3/4	155,338	3/4	163,673	3/4	172,031	3/4	180,388	3/4	188,745	3/4	197,102	3/4	205,456
1	130,415	1	138,781	1	147,146	1	155,512	1	163,847	1	172,204	1	180,569	1	188,926	1	197,276	1	205,630
1 1/4	130,589	1 1/4	138,955	1 1/4	147,321	1 1/4	155,687	1 1/4	164,021	1 1/4	172,378	1 1/4	180,740	1 1/4	189,097	1 1/4	197,450	1 1/4	205,804
1 1/2	130,763	1 1/2	139,129	1 1/2	147,495	1 1/2	155,861	1 1/2	164,195	1 1/2	172,552	1 1/2	181,014	1 1/2	189,371	1 1/2	197,624	1 1/2	205,978
3/4	130,938	3/4	139,303	3/4	147,669	3/4	156,035	3/4	164,369	3/4	172,726	3/4	181,184	3/4	189,541	3/4	197,798	3/4	206,152
1	131,112	1	139,477	1	147,843	1	156,209	1	164,543	1	172,900	1	181,319	1	189,716	1	198,113	1	206,326
1 1/4	131,286	1 1/4	139,652	1 1/4	148,018	1 1/4	156,384	1 1/4	164,717	1 1/4	173,074	1 1/4	181,490	1 1/4	189,887	1 1/4	198,287	1 1/4	206,500
1 1/2	131,460	1 1/2	139,826	1 1/2	148,192	1 1/2	156,558	1 1/2	164,891	1 1/2	173,248	1 1/2	181,662	1 1/2	190,064	1 1/2	198,461	1 1/2	206,674
3/4	131,635	3/4	140,001	3/4	148,366	3/4	156,732	3/4	165,065	3/4	173,422	3/4	181,833	3/4	190,235	3/4	198,637	3/4	206,848
1	131,809	1	140,175	1	148,541	1	156,907	1	165,239	1	173,596	1	181,997	1	190,409	1	198,811	1	207,022
1 1/4	131,983	1 1/4	140,349	1 1/4	148,715	1 1/4	157,081	1 1/4	165,413	1 1/4	173,770	1 1/4	182,172	1 1/4	190,583	1 1/4	198,985	1 1/4	207,196
1 1/2	132,158	1 1/2	140,523	1 1/2	148,889	1 1/2	157,255	1 1/2	165,587	1 1/2	173,944	1 1/2	182,346	1 1/2	190,757	1 1/2	199,159	1 1/2	207,370
3/4	132,332	3/4	140,698	3/4	149,064	3/4	157,429	3/4	165,761	3/4	174,116	3/4	182,518	3/4	190,929	3/4	199,331	3/4	207,544
1	132,506	1	140,872	1	149,238	1	157,604	1	165,935	1	174,291	1	182,693	1	191,095	1	199,493	1	207,718
1 1/4	132,680	1 1/4	141,046	1 1/4	149,412	1 1/4	157,778	1 1/4	166,107	1 1/4	174,464	1 1/4	182,866	1 1/4	191,268	1 1/4	199,667	1 1/4	207,892
1 1/2	132,855	1 1/2	141,221	1 1/2	149,586	1 1/2	157,952	1 1/2	166,281	1 1/2	174,638	1 1/2	183,040	1 1/2	191,441	1 1/2	199,841	1 1/2	208,066
3/4	133,029	3/4	141,395	3/4	149,761	3/4	158,127	3/4	166,455	3/4	174,812	3/4	183,214	3/4	191,616	3/4	199,995	3/4	208,240
1	133,203	1	141,569	1	149,935	1	158,301	1	166,589	1	174,946	1	183,348	1	191,749	1	200,169	1	208,414
1 1/4	133,378	1 1/4	141,743	1 1/4	150,109	1 1/4	158,475	1 1/4	166,767	1 1/4	175,124	1 1/4	183,530	1 1/4	191,931	1 1/4	200,343	1 1/4	208,588
1 1/2	133,552	1 1/2	141,918	1 1/2	150,284	1 1/2	158,649	1 1/2	166,941	1 1/2	175,296	1 1/2	183,704	1 1/2	192,103	1 1/2	200,517	1 1/2	208,762
3/4	133,726	3/4	142,092	3/4	150,458	3/4	158,823	3/4	167,113	3/4	175,470	3/4	183,878	3/4	192,277	3/4	200,691	3/4	208,936
1	133,901	1	142,266	1	150,632	1	158,997	1	167,285	1	175,642	1	184,000	1	192,351	1	200,865	1	209,110
1 1/4	134,075	1 1/4	142,441	1 1/4	150,807	1 1/4	159,170	1 1/4	167,459	1 1/4	175,816	1 1/4	184,174	1 1/4	192,525	1 1/4	201,039	1 1/4	209,284
1 1/2	134,249	1 1/2	142,615	1 1/2	150,981	1 1/2	159,343	1 1/2	167,633	1 1/2	176,000	1 1/2	184,358	1 1/2	192,699	1 1/2	201,213	1 1/2	209,458
3/4	134,423	3/4	142,789	3/4	151,155	3/4	159,516	3/4	167,807	3/4	176,174	3/4	184,532	3/4	192,873	3/4	201,387	3/4	209,632

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2019 SW
 CALCULATED: 05/14/2019 CL
 PRINTED: 05/15/2019 SW
 CANCELS AND SUPERCEDS
 ALL PRIOR TO 05/20/19

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



BARGE "B 1905"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		GAUGE HEIGHT 15'-02 1/4"																	
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	26	0	10,871	0	23,318	0	35,595	0	47,929	0	60,376	0	72,823	0	85,270	0	97,717	0	110,164
1/4	70	1/4	11,130	1/4	23,577	1/4	35,847	1/4	48,188	1/4	60,535	1/4	72,882	1/4	85,229	1/4	97,577	1/4	110,424
1/2	113	1/2	11,390	1/2	23,836	1/2	36,099	1/2	48,447	1/2	60,894	1/2	73,042	1/2	85,789	1/2	98,236	1/2	110,683
3/4	156	3/4	11,649	3/4	24,096	3/4	36,351	3/4	48,707	3/4	61,154	3/4	73,601	3/4	86,048	3/4	98,495	3/4	110,942
1	199	1	11,908	1	24,355	1	36,603	1	48,956	1	61,413	1	73,860	1	86,307	1	98,754	1	111,202
1 1/4	329	1 1/4	12,168	1 1/4	24,614	1 1/4	36,856	1 1/4	49,225	1 1/4	61,932	1 1/4	74,120	1 1/4	86,567	1 1/4	99,014	1 1/4	111,461
1 1/2	459	1 1/2	12,427	1 1/2	24,874	1 1/2	37,108	1 1/2	49,485	1 1/2	61,932	1 1/2	74,379	1 1/2	86,826	1 1/2	99,271	1 1/2	111,720
3/4	588	3/4	12,686	3/4	25,133	3/4	37,360	3/4	49,744	3/4	62,191	3/4	74,638	3/4	87,085	3/4	99,532	3/4	111,980
2	718	2	12,946	2	25,392	2	37,612	2	50,003	2	62,450	2	74,897	2	87,345	2	99,792	2	112,239
1/4	934	1/4	13,205	1/4	25,652	1/4	37,865	1/4	50,253	1/4	62,710	1/4	75,157	1/4	87,604	1/4	100,051	1/4	112,498
1/2	1,149	1/2	13,464	1/2	25,911	1/2	38,117	1/2	50,522	1/2	62,969	1/2	75,416	1/2	87,863	1/2	100,310	1/2	112,758
3/4	1,365	3/4	13,723	3/4	26,170	3/4	38,369	3/4	50,781	3/4	63,228	3/4	75,675	3/4	88,123	3/4	100,570	3/4	113,017
3	1,581	3	13,983	3	26,429	3	38,621	3	51,040	3	63,488	3	75,935	3	88,382	3	100,829	3	113,276
1/4	1,835	1/4	14,242	1/4	26,689	1/4	38,874	1/4	51,300	1/4	63,747	1/4	76,194	1/4	88,541	1/4	101,088	1/4	113,535
1/2	2,089	1/2	14,501	1/2	26,948	1/2	39,126	1/2	51,559	1/2	64,006	1/2	76,453	1/2	88,801	1/2	101,348	1/2	113,795
3/4	2,342	3/4	14,761	3/4	27,207	3/4	39,378	3/4	51,818	3/4	64,266	3/4	76,713	3/4	89,160	3/4	101,607	3/4	114,054
4	2,596	4	15,020	4	27,467	4	39,631	4	52,078	4	64,525	4	76,972	4	89,419	4	101,866	4	114,313
1/4	2,853	1/4	15,279	1/4	27,726	1/4	39,890	1/4	52,337	1/4	64,784	1/4	77,231	1/4	89,678	1/4	102,126	1/4	114,573
1/2	3,109	1/2	15,539	1/2	27,985	1/2	40,149	1/2	52,596	1/2	65,044	1/2	77,491	1/2	89,938	1/2	102,385	1/2	114,832
3/4	3,365	3/4	15,798	3/4	28,245	3/4	40,409	3/4	52,856	3/4	65,303	3/4	77,750	3/4	90,197	3/4	102,644	3/4	115,091
5	3,622	5	16,057	5	28,504	5	40,668	5	53,115	5	65,562	5	78,009	5	90,456	5	102,904	5	115,351
1/4	3,879	1/4	16,317	1/4	28,763	1/4	40,927	1/4	53,374	1/4	65,821	1/4	78,269	1/4	90,716	1/4	103,163	1/4	115,610
1/2	4,137	1/2	16,576	1/2	29,023	1/2	41,186	1/2	53,634	1/2	66,081	1/2	78,528	1/2	90,975	1/2	103,422	1/2	115,869
3/4	4,395	3/4	16,835	3/4	29,282	3/4	41,446	3/4	53,893	3/4	66,340	3/4	78,787	3/4	91,234	3/4	103,681	3/4	116,129
6	4,652	6	17,094	6	29,541	6	41,705	6	54,152	6	66,599	6	79,047	6	91,494	6	103,941	6	116,388
1/4	4,911	1/4	17,354	1/4	29,800	1/4	41,964	1/4	54,412	1/4	66,859	1/4	79,306	1/4	91,753	1/4	104,200	1/4	116,647
1/2	5,169	1/2	17,613	1/2	30,046	1/2	42,224	1/2	54,671	1/2	67,118	1/2	79,565	1/2	92,012	1/2	104,459	1/2	116,907
3/4	5,428	3/4	17,872	3/4	30,298	3/4	42,483	3/4	54,930	3/4	67,377	3/4	79,824	3/4	92,272	3/4	104,719	3/4	117,166
7	5,686	7	18,132	7	30,550	7	42,742	7	55,190	7	67,637	7	80,084	7	92,531	7	104,978	7	117,425
1/4	5,945	1/4	18,391	1/4	30,802	1/4	43,002	1/4	55,449	1/4	67,896	1/4	80,343	1/4	92,790	1/4	105,237	1/4	117,685
1/2	6,204	1/2	18,650	1/2	31,054	1/2	43,261	1/2	55,708	1/2	68,155	1/2	80,602	1/2	93,050	1/2	105,497	1/2	117,944
3/4	6,463	3/4	18,910	3/4	31,307	3/4	43,520	3/4	55,967	3/4	68,416	3/4	80,862	3/4	93,309	3/4	105,756	3/4	118,203
8	6,722	8	19,169	8	31,559	8	43,780	8	56,227	8	68,674	8	81,121	8	93,568	8	106,015	8	118,462
1/4	6,982	1/4	19,428	1/4	31,811	1/4	44,039	1/4	56,486	1/4	68,933	1/4	81,380	1/4	93,828	1/4	106,275	1/4	118,722
1/2	7,241	1/2	19,688	1/2	32,063	1/2	44,298	1/2	56,745	1/2	69,193	1/2	81,640	1/2	94,087	1/2	106,534	1/2	118,981
3/4	7,500	3/4	19,947	3/4	32,316	3/4	44,558	3/4	57,005	3/4	69,452	3/4	81,899	3/4	94,346	3/4	106,793	3/4	119,240
9	7,759	9	20,206	9	32,568	9	44,817	9	57,264	9	69,711	9	82,158	9	94,605	9	107,053	9	119,500
1/4	8,019	1/4	20,465	1/4	32,820	1/4	45,076	1/4	57,523	1/4	69,971	1/4	82,418	1/4	94,865	1/4	107,312	1/4	119,759
1/2	8,278	1/2	20,725	1/2	33,072	1/2	45,336	1/2	57,833	1/2	70,230	1/2	82,677	1/2	95,124	1/2	107,571	1/2	120,018
3/4	8,537	3/4	20,984	3/4	33,325	3/4	45,595	3/4	58,042	3/4	70,489	3/4	82,936	3/4	95,383	3/4	107,831	3/4	120,278
10	8,797	10	21,243	10	33,577	10	45,854	10	58,301	10	70,748	10	83,196	10	95,643	10	108,090	10	120,537
1/4	9,056	1/4	21,503	1/4	33,829	1/4	46,114	1/4	58,561	1/4	71,008	1/4	83,455	1/4	95,902	1/4	108,349	1/4	120,796
1/2	9,315	1/2	21,762	1/2	34,081	1/2	46,373	1/2	58,820	1/2	71,267	1/2	83,714	1/2	96,161	1/2	108,608	1/2	121,056
3/4	9,575	3/4	22,021	3/4	34,333	3/4	46,632	3/4	59,079	3/4	71,526	3/4	83,974	3/4	96,421	3/4	108,868	3/4	121,315
11	9,834	11	22,281	11	34,586	11	46,891	11	59,339	11	71,786	11	84,233	11	96,680	11	109,127	11	121,574
1/4	10,093	1/4	22,540	1/4	34,838	1/4	47,151	1/4	59,598	1/4	72,045	1/4	84,492	1/4	96,939	1/4	109,386	1/4	121,834
1/2	10,352	1/2	22,799	1/2	35,090	1/2	47,410	1/2	59,857	1/2	72,304	1/2	84,751	1/2	97,199	1/2	109,646	1/2	122,093
3/4	10,612	3/4	23,058	3/4	35,342	3/4	47,669	3/4	60,117	3/4	72,564	3/4	85,011	3/4	97,458	3/4	109,905	3/4	122,352

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 31'-0" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

8 ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmaacorp.net>



BARGE "IB 1905"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	122,611	0	135,059	0	147,506	0	159,953	0	172,394	0	184,835	0	197,276	0	209,717	0	222,158	0	234,599
1/4	122,871	1/4	135,318	1/4	147,765	1/4	160,212	1/4	172,641	1/4	185,072	1/4	197,503	1/4	209,934	1/4	222,365	1/4	234,796
1/2	123,130	1/2	135,577	1/2	148,024	1/2	160,472	1/2	172,888	1/2	184,899	1/2	196,910	1/2	208,921	1/2	220,932	1/2	232,943
3/4	123,389	3/4	135,837	3/4	148,284	3/4	160,731	3/4	173,136	3/4	185,147	3/4	197,158	3/4	209,169	3/4	221,180	3/4	233,191
1	123,649	1	136,096	1	148,543	1	160,990	1	173,383	1	185,394	1	197,405	1	209,416	1	221,427	1	233,438
1/4	123,908	1/4	136,355	1/4	148,802	1/4	161,249	1/4	173,585	1/4	185,596	1/4	197,607	1/4	209,618	1/4	221,639	1/4	233,650
1/2	124,167	1/2	136,615	1/2	149,062	1/2	161,509	1/2	173,728	1/2	185,720	1/2	197,731	1/2	209,742	1/2	221,751	1/2	233,761
3/4	124,427	3/4	136,874	3/4	149,321	3/4	161,768	3/4	173,901	3/4	185,912	3/4	197,923	3/4	209,934	3/4	221,942	3/4	233,972
1	124,686	1	137,133	1	149,580	1	162,027	1	174,074	1	186,077	1	198,080	1	210,083	1	222,086	1	234,083
1/4	124,945	1/4	137,392	1/4	149,840	1/4	162,287	1/4	174,161	1/4	186,168	1/4	198,171	1/4	210,174	1/4	222,177	1/4	234,174
1/2	125,205	1/2	137,652	1/2	150,099	1/2	162,546	1/2	174,247	1/2	186,427	1/2	198,430	1/2	210,433	1/2	222,431	1/2	234,435
3/4	125,464	3/4	137,911	3/4	150,358	3/4	162,805	3/4	174,333	3/4	186,686	3/4	198,691	3/4	210,686	3/4	222,686	3/4	234,686
1	125,723	1	138,170	1	150,618	1	163,065	1	174,420	1	186,945	1	198,950	1	210,945	1	222,945	1	234,945
1/4	125,983	1/4	138,430	1/4	150,877	1/4	163,324	1/4	174,441	1/4	187,206	1/4	199,211	1/4	211,216	1/4	223,206	1/4	235,206
1/2	126,242	1/2	138,689	1/2	151,136	1/2	163,583	1/2	174,463	1/2	187,467	1/2	199,472	1/2	211,472	1/2	223,472	1/2	235,472
3/4	126,501	3/4	138,948	3/4	151,395	3/4	163,843	3/4	174,484	3/4	187,726	3/4	199,726	3/4	211,726	3/4	223,726	3/4	235,726
1	126,761	1	139,208	1	151,655	1	164,102	1	174,502	1	187,984	1	199,984	1	211,984	1	223,984	1	235,984
1/4	127,020	1/4	139,467	1/4	151,914	1/4	164,361	1/4	174,521	1/4	188,243	1/4	200,243	1/4	212,243	1/4	224,243	1/4	236,243
1/2	127,279	1/2	139,726	1/2	152,173	1/2	164,621	1/2	174,541	1/2	188,503	1/2	200,503	1/2	212,503	1/2	224,503	1/2	236,503
3/4	127,538	3/4	139,986	3/4	152,433	3/4	164,880	3/4	174,561	3/4	188,764	3/4	200,764	3/4	212,764	3/4	224,764	3/4	236,764
1	127,798	1	140,245	1	152,692	1	165,139	1	174,581	1	189,024	1	201,024	1	212,984	1	224,984	1	236,984
1/4	128,057	1/4	140,504	1/4	152,951	1/4	165,399	1/4	174,601	1/4	189,284	1/4	201,284	1/4	213,284	1/4	225,284	1/4	237,284
1/2	128,316	1/2	140,764	1/2	153,211	1/2	165,658	1/2	174,621	1/2	189,543	1/2	201,543	1/2	213,543	1/2	225,543	1/2	237,543
3/4	128,576	3/4	141,023	3/4	153,470	3/4	165,917	3/4	174,641	3/4	189,802	3/4	201,802	3/4	213,802	3/4	225,802	3/4	237,802
1	128,835	1	141,282	1	153,729	1	166,176	1	174,661	1	190,061	1	202,061	1	214,061	1	226,061	1	238,061
1/4	129,094	1/4	141,542	1/4	153,989	1/4	166,436	1/4	174,681	1/4	190,320	1/4	202,320	1/4	214,320	1/4	226,320	1/4	238,320
1/2	129,354	1/2	141,801	1/2	154,248	1/2	166,695	1/2	174,701	1/2	190,579	1/2	202,579	1/2	214,579	1/2	226,579	1/2	238,579
3/4	129,613	3/4	142,060	3/4	154,507	3/4	166,954	3/4	174,721	3/4	190,838	3/4	202,838	3/4	214,838	3/4	226,838	3/4	238,838
1	129,872	1	142,319	1	154,767	1	167,214	1	174,741	1	191,097	1	203,097	1	215,097	1	227,097	1	239,097
1/4	130,132	1/4	142,579	1/4	155,026	1/4	167,473	1/4	174,761	1/4	191,356	1/4	203,356	1/4	215,356	1/4	227,356	1/4	239,356
1/2	130,391	1/2	142,838	1/2	155,285	1/2	167,732	1/2	174,781	1/2	191,615	1/2	203,615	1/2	215,615	1/2	227,615	1/2	239,615
3/4	130,650	3/4	143,097	3/4	155,545	3/4	167,992	3/4	174,801	3/4	191,874	3/4	203,874	3/4	215,874	3/4	227,874	3/4	239,874
1	130,910	1	143,357	1	155,804	1	168,251	1	174,821	1	192,133	1	204,133	1	216,133	1	228,133	1	240,133
1/4	131,169	1/4	143,616	1/4	156,063	1/4	168,510	1/4	174,841	1/4	192,392	1/4	204,392	1/4	216,392	1/4	228,392	1/4	240,392
1/2	131,428	1/2	143,875	1/2	156,322	1/2	168,770	1/2	174,861	1/2	192,651	1/2	204,651	1/2	216,651	1/2	228,651	1/2	240,651
3/4	131,688	3/4	144,135	3/4	156,582	3/4	169,029	3/4	174,881	3/4	192,910	3/4	204,910	3/4	216,910	3/4	228,910	3/4	240,910
1	131,947	1	144,394	1	156,841	1	169,288	1	174,901	1	193,169	1	205,169	1	217,169	1	229,169	1	241,169
1/4	132,206	1/4	144,653	1/4	157,100	1/4	169,548	1/4	174,921	1/4	193,428	1/4	205,428	1/4	217,428	1/4	229,428	1/4	241,428
1/2	132,465	1/2	144,913	1/2	157,360	1/2	169,807	1/2	174,941	1/2	193,687	1/2	205,687	1/2	217,687	1/2	229,687	1/2	241,687
3/4	132,725	3/4	145,172	3/4	157,619	3/4	170,066	3/4	174,961	3/4	193,946	3/4	205,946	3/4	217,946	3/4	229,946	3/4	241,946
1	132,984	1	145,431	1	157,878	1	170,325	1	174,981	1	194,205	1	206,205	1	218,205	1	230,205	1	242,205
1/4	133,243	1/4	145,691	1/4	158,138	1/4	170,585	1/4	175,001	1/4	194,464	1/4	206,464	1/4	218,464	1/4	230,464	1/4	242,464
1/2	133,503	1/2	145,950	1/2	158,397	1/2	170,844	1/2	175,021	1/2	194,723	1/2	206,723	1/2	218,723	1/2	230,723	1/2	242,723
3/4	133,762	3/4	146,209	3/4	158,656	3/4	171,103	3/4	175,041	3/4	194,982	3/4	206,982	3/4	218,982	3/4	230,982	3/4	242,982
1	134,021	1	146,468	1	158,916	1	171,362	1	175,061	1	195,241	1	207,241	1	219,241	1	231,241	1	243,241
1/4	134,281	1/4	146,728	1/4	159,175	1/4	171,620	1/4	175,081	1/4	195,500	1/4	207,500	1/4	219,500	1/4	231,500	1/4	243,500
1/2	134,540	1/2	146,987	1/2	159,434	1/2	171,879	1/2	175,101	1/2	195,759	1/2	207,759	1/2	219,759	1/2	231,759	1/2	243,759
3/4	134,799	3/4	147,246	3/4	159,694	3/4	172,136	3/4	175,121	3/4	196,018	3/4	208,018	3/4	220,018	3/4	232,018	3/4	244,018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2019 SW
 CALCULATED: 05/14/2019 CL
 PRINTED: 05/15/2019 SW
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 05/2019

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



BARGE "IB 1905"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 15'-02 1/4"											
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.				
0	26	0	10,752	0	23,083	0	35,393	0	47,708	0	60,029	0	72,351	0	84,672	0	96,993	0	109,315				
1/4	69	1/4	11,018	1/4	23,339	1/4	35,649	1/4	47,964	1/4	60,286	1/4	72,607	1/4	84,929	1/4	97,250	1/4	109,572				
1/2	112	1/2	11,275	1/2	23,596	1/2	35,905	1/2	48,221	1/2	60,542	1/2	72,864	1/2	85,185	1/2	97,507	1/2	109,828				
3/4	155	3/4	11,532	3/4	23,853	3/4	36,162	3/4	48,478	3/4	60,799	3/4	73,121	3/4	85,442	3/4	97,764	3/4	110,085				
1	197	1	11,788	1	24,109	1	36,418	1	48,734	1	61,056	1	73,377	1	85,699	1	98,020	1	110,342				
1 1/4	326	1 1/4	12,045	1 1/4	24,366	1 1/4	36,674	1 1/4	48,991	1 1/4	61,313	1 1/4	73,634	1 1/4	85,955	1 1/4	98,277	1 1/4	110,598				
1 1/2	454	1 1/2	12,302	1 1/2	24,623	1 1/2	36,930	1 1/2	49,248	1 1/2	61,569	1 1/2	73,891	1 1/2	86,212	1 1/2	98,534	1 1/2	110,855				
3/4	582	3/4	12,558	3/4	24,879	3/4	37,187	3/4	49,505	3/4	61,826	3/4	74,147	3/4	86,459	3/4	98,790	3/4	111,112				
2	711	2	12,815	2	25,136	2	37,443	2	49,761	2	62,083	2	74,404	2	86,726	2	99,047	2	111,369				
1/4	924	1/4	13,072	1/4	25,393	1/4	37,699	1/4	50,018	1/4	62,339	1/4	74,661	1/4	86,982	1/4	99,304	1/4	111,625				
1/2	1,138	1/2	13,328	1/2	25,649	1/2	37,955	1/2	50,275	1/2	62,596	1/2	74,918	1/2	87,239	1/2	99,560	1/2	111,882				
3/4	1,351	3/4	13,585	3/4	25,906	3/4	38,212	3/4	50,531	3/4	62,853	3/4	75,174	3/4	87,496	3/4	99,817	3/4	112,139				
3	1,565	3	13,842	3	26,163	3	38,468	3	50,788	3	63,109	3	75,431	3	87,752	3	100,074	3	112,395				
1/4	1,816	1/4	14,098	1/4	26,419	1/4	38,724	1/4	51,045	1/4	63,366	1/4	75,688	1/4	88,009	1/4	100,331	1/4	112,652				
1/2	2,068	1/2	14,355	1/2	26,676	1/2	38,981	1/2	51,301	1/2	63,623	1/2	75,944	1/2	88,266	1/2	100,587	1/2	112,909				
3/4	2,319	3/4	14,612	3/4	26,933	3/4	39,237	3/4	51,558	3/4	63,880	3/4	76,201	3/4	88,522	3/4	100,844	3/4	113,165				
4	2,570	4	14,869	4	27,190	4	39,493	4	51,815	4	64,136	4	76,458	4	88,779	4	101,101	4	113,422				
1/4	2,824	1/4	15,125	1/4	27,446	1/4	39,750	1/4	52,071	1/4	64,393	1/4	76,714	1/4	89,036	1/4	101,357	1/4	113,679				
1/2	3,078	1/2	15,382	1/2	27,703	1/2	40,007	1/2	52,328	1/2	64,650	1/2	76,971	1/2	89,293	1/2	101,614	1/2	113,935				
3/4	3,331	3/4	15,639	3/4	27,960	3/4	40,263	3/4	52,565	3/4	64,906	3/4	77,228	3/4	89,549	3/4	101,871	3/4	114,192				
5	3,585	5	15,895	5	28,216	5	40,520	5	52,842	5	65,163	5	77,484	5	89,806	5	102,127	5	114,449				
1/4	3,840	1/4	16,152	1/4	28,473	1/4	40,777	1/4	53,098	1/4	65,420	1/4	77,741	1/4	90,063	1/4	102,384	1/4	114,706				
1/2	4,095	1/2	16,409	1/2	28,730	1/2	41,033	1/2	53,355	1/2	65,676	1/2	77,998	1/2	90,319	1/2	102,641	1/2	114,962				
3/4	4,350	3/4	16,665	3/4	28,986	3/4	41,290	3/4	53,612	3/4	65,933	3/4	78,255	3/4	90,576	3/4	102,897	3/4	115,219				
6	4,605	6	16,922	6	29,243	6	41,547	6	53,868	6	66,190	6	78,511	6	90,833	6	103,154	6	115,476				
1/4	4,861	1/4	17,179	1/4	29,499	1/4	41,804	1/4	54,125	1/4	66,447	1/4	78,768	1/4	91,089	1/4	103,411	1/4	115,732				
1/2	5,117	1/2	17,435	1/2	29,756	1/2	42,060	1/2	54,382	1/2	66,703	1/2	79,025	1/2	91,346	1/2	103,668	1/2	115,989				
3/4	5,373	3/4	17,692	3/4	30,012	3/4	42,317	3/4	54,638	3/4	66,960	3/4	79,281	3/4	91,603	3/4	103,924	3/4	116,246				
7	5,629	7	17,949	7	30,268	7	42,574	7	54,895	7	67,217	7	79,538	7	91,860	7	104,181	7	116,502				
1/4	5,886	1/4	18,205	1/4	30,524	1/4	42,830	1/4	55,152	1/4	67,473	1/4	79,795	1/4	92,116	1/4	104,438	1/4	116,759				
1/2	6,142	1/2	18,462	1/2	30,781	1/2	43,087	1/2	55,409	1/2	67,730	1/2	80,051	1/2	92,373	1/2	104,694	1/2	117,016				
3/4	6,398	3/4	18,719	3/4	31,037	3/4	43,344	3/4	55,665	3/4	67,987	3/4	80,308	3/4	92,630	3/4	104,951	3/4	117,273				
8	6,655	8	18,976	8	31,293	8	43,600	8	55,922	8	68,243	8	80,565	8	92,886	8	105,208	8	117,529				
1/4	6,911	1/4	19,232	1/4	31,549	1/4	43,857	1/4	56,179	1/4	68,500	1/4	80,822	1/4	93,143	1/4	105,464	1/4	117,786				
1/2	7,168	1/2	19,489	1/2	31,805	1/2	44,114	1/2	56,435	1/2	68,757	1/2	81,078	1/2	93,400	1/2	105,721	1/2	118,043				
3/4	7,425	3/4	19,746	3/4	32,062	3/4	44,371	3/4	56,692	3/4	69,013	3/4	81,335	3/4	93,656	3/4	105,978	3/4	118,299				
9	7,681	9	20,002	9	32,318	9	44,627	9	56,949	9	69,270	9	81,592	9	93,913	9	106,235	9	118,556				
1/4	7,938	1/4	20,259	1/4	32,574	1/4	44,884	1/4	57,205	1/4	69,527	1/4	81,848	1/4	94,170	1/4	106,491	1/4	118,813				
1/2	8,195	1/2	20,516	1/2	32,830	1/2	45,141	1/2	57,462	1/2	69,784	1/2	82,105	1/2	94,426	1/2	106,748	1/2	119,069				
3/4	8,451	3/4	20,772	3/4	33,087	3/4	45,397	3/4	57,719	3/4	70,041	3/4	82,362	3/4	94,683	3/4	107,005	3/4	119,326				
10	8,708	10	21,029	10	33,343	10	45,654	10	57,976	10	70,297	10	82,618	10	94,940	10	107,261	10	119,583				
1/4	8,965	1/4	21,286	1/4	33,599	1/4	45,911	1/4	58,232	1/4	70,554	1/4	82,875	1/4	95,197	1/4	107,518	1/4	119,840				
1/2	9,221	1/2	21,542	1/2	33,855	1/2	46,167	1/2	58,489	1/2	70,810	1/2	83,132	1/2	95,453	1/2	107,775	1/2	120,096				
3/4	9,478	3/4	21,799	3/4	34,112	3/4	46,424	3/4	58,746	3/4	71,067	3/4	83,389	3/4	95,710	3/4	108,031	3/4	120,353				
11	9,735	11	22,056	11	34,368	11	46,681	11	59,003	11	71,324	11	83,645	11	95,967	11	108,288	11	120,610				
1/4	9,991	1/4	22,312	1/4	34,624	1/4	46,938	1/4	59,259	1/4	71,580	1/4	83,902	1/4	96,223	1/4	108,545	1/4	120,866				
1/2	10,248	1/2	22,569	1/2	34,880	1/2	47,194	1/2	59,516	1/2	71,837	1/2	84,159	1/2	96,480	1/2	108,802	1/2	121,123				
3/4	10,505	3/4	22,826	3/4	35,137	3/4	47,451	3/4	59,772	3/4	72,094	3/4	84,415	3/4	96,737	3/4	109,058	3/4	121,380				

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 31'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1905"

3 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-02 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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	121,636	0	133,958	0	146,279	0	158,601	0	170,917	0	183,233	0	195,549	0	207,865	0	220,181	0	232,497
1/4	121,893	1/4	134,215	1/4	146,536	1/4	158,857	1/4	171,161	1/4	183,465	1/4	195,769	1/4	208,073	1/4	220,377	1/4	232,681
1/2	122,150	1/2	134,471	1/2	146,793	1/2	159,114	1/2	171,406	1/2	183,688	1/2	195,969	1/2	208,251	1/2	220,532	1/2	232,813
3/4	122,406	3/4	134,728	3/4	147,049	3/4	159,371	3/4	171,650	3/4	183,969	3/4	196,288	3/4	208,607	3/4	220,926	3/4	233,245
1	122,663	1	134,985	1	147,306	1	159,628	1	171,895	1	184,184	1	196,473	1	208,762	1	221,051	1	233,344
1 1/4	122,920	1 1/4	135,241	1 1/4	147,563	1 1/4	159,884	1 1/4	172,056	1 1/4	184,345	1 1/4	196,634	1 1/4	208,923	1 1/4	221,210	1 1/4	233,497
1 1/2	123,177	1 1/2	135,498	1 1/2	147,819	1 1/2	160,141	1 1/2	172,237	1 1/2	184,526	1 1/2	196,815	1 1/2	209,104	1 1/2	221,393	1 1/2	233,654
3/4	123,433	3/4	135,755	3/4	148,076	3/4	160,398	3/4	172,408	3/4	184,769	3/4	197,030	3/4	209,295	3/4	221,550	3/4	233,811
2	123,690	2	136,011	2	148,333	2	160,654	2	172,579	2	184,930	2	197,181	2	209,437	2	221,707	2	233,968
1/4	123,947	1/4	136,268	1/4	148,590	1/4	160,911	1/4	172,655	1/4	185,036	1/4	197,338	1/4	209,619	1/4	221,864	1/4	234,125
1/2	124,203	1/2	136,525	1/2	148,846	1/2	161,168	1/2	172,751	1/2	185,181	1/2	197,441	1/2	209,702	1/2	221,920	1/2	234,282
3/4	124,460	3/4	136,782	3/4	149,103	3/4	161,424	3/4	172,836	3/4	185,363	3/4	197,524	3/4	209,789	3/4	222,077	3/4	234,439
1	124,717	1	137,038	1	149,360	1	161,681	1	172,922	1	185,504	1	197,612	1	209,844	1	222,134	1	234,596
1 1/4	124,973	1 1/4	137,295	1 1/4	149,616	1 1/4	161,938	1 1/4	172,943	1 1/4	185,561	1 1/4	197,699	1 1/4	209,901	1 1/4	222,191	1 1/4	234,653
1 1/2	125,230	1 1/2	137,552	1 1/2	149,873	1 1/2	162,195	1 1/2	172,964	1 1/2	185,622	1 1/2	197,756	1 1/2	209,953	1 1/2	222,248	1 1/2	234,710
3/4	125,487	3/4	137,808	3/4	150,130	3/4	162,451	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767
4	125,744	4	138,065	4	150,386	4	162,708	4	172,985	4	185,679	4	197,807	4	210,005	4	222,305	4	234,767
1/4	126,000	1/4	138,322	1/4	150,643	1/4	162,965	1/4	172,985	1/4	185,679	1/4	197,807	1/4	210,005	1/4	222,305	1/4	234,767
1/2	126,257	1/2	138,578	1/2	150,900	1/2	163,221	1/2	172,985	1/2	185,679	1/2	197,807	1/2	210,005	1/2	222,305	1/2	234,767
3/4	126,514	3/4	138,835	3/4	151,157	3/4	163,478	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767
5	126,770	5	139,092	5	151,413	5	163,735	5	172,985	5	185,679	5	197,807	5	210,005	5	222,305	5	234,767
1/4	127,027	1/4	139,348	1/4	151,670	1/4	163,991	1/4	172,985	1/4	185,679	1/4	197,807	1/4	210,005	1/4	222,305	1/4	234,767
1/2	127,284	1/2	139,605	1/2	151,927	1/2	164,248	1/2	172,985	1/2	185,679	1/2	197,807	1/2	210,005	1/2	222,305	1/2	234,767
3/4	127,540	3/4	139,862	3/4	152,183	3/4	164,505	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767
6	127,797	6	140,119	6	152,440	6	164,761	6	172,985	6	185,679	6	197,807	6	210,005	6	222,305	6	234,767
1/4	128,054	1/4	140,375	1/4	152,697	1/4	165,018	1/4	172,985	1/4	185,679	1/4	197,807	1/4	210,005	1/4	222,305	1/4	234,767
1/2	128,311	1/2	140,632	1/2	152,953	1/2	165,275	1/2	172,985	1/2	185,679	1/2	197,807	1/2	210,005	1/2	222,305	1/2	234,767
3/4	128,567	3/4	140,889	3/4	153,210	3/4	165,532	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767
7	128,824	7	141,145	7	153,467	7	165,788	7	172,985	7	185,679	7	197,807	7	210,005	7	222,305	7	234,767
1/4	129,081	1/4	141,402	1/4	153,724	1/4	166,045	1/4	172,985	1/4	185,679	1/4	197,807	1/4	210,005	1/4	222,305	1/4	234,767
1/2	129,337	1/2	141,659	1/2	153,980	1/2	166,302	1/2	172,985	1/2	185,679	1/2	197,807	1/2	210,005	1/2	222,305	1/2	234,767
3/4	129,594	3/4	141,915	3/4	154,237	3/4	166,558	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767
8	129,851	8	142,172	8	154,494	8	166,815	8	172,985	8	185,679	8	197,807	8	210,005	8	222,305	8	234,767
1/4	130,107	1/4	142,429	1/4	154,750	1/4	167,072	1/4	172,985	1/4	185,679	1/4	197,807	1/4	210,005	1/4	222,305	1/4	234,767
1/2	130,364	1/2	142,686	1/2	155,007	1/2	167,328	1/2	172,985	1/2	185,679	1/2	197,807	1/2	210,005	1/2	222,305	1/2	234,767
3/4	130,621	3/4	142,942	3/4	155,264	3/4	167,585	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767
9	130,877	9	143,199	9	155,520	9	167,842	9	172,985	9	185,679	9	197,807	9	210,005	9	222,305	9	234,767
1/4	131,134	1/4	143,456	1/4	155,777	1/4	168,099	1/4	172,985	1/4	185,679	1/4	197,807	1/4	210,005	1/4	222,305	1/4	234,767
1/2	131,391	1/2	143,712	1/2	156,034	1/2	168,355	1/2	172,985	1/2	185,679	1/2	197,807	1/2	210,005	1/2	222,305	1/2	234,767
3/4	131,648	3/4	143,969	3/4	156,290	3/4	168,612	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767
10	131,904	10	144,226	10	156,547	10	168,869	10	172,985	10	185,679	10	197,807	10	210,005	10	222,305	10	234,767
1/4	132,161	1/4	144,482	1/4	156,804	1/4	169,125	1/4	172,985	1/4	185,679	1/4	197,807	1/4	210,005	1/4	222,305	1/4	234,767
1/2	132,418	1/2	144,739	1/2	157,061	1/2	169,382	1/2	172,985	1/2	185,679	1/2	197,807	1/2	210,005	1/2	222,305	1/2	234,767
3/4	132,674	3/4	144,996	3/4	157,317	3/4	169,638	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767
11	132,931	11	145,253	11	157,574	11	169,894	11	172,985	11	185,679	11	197,807	11	210,005	11	222,305	11	234,767
1/4	133,188	1/4	145,509	1/4	157,831	1/4	170,150	1/4	172,985	1/4	185,679	1/4	197,807	1/4	210,005	1/4	222,305	1/4	234,767
1/2	133,444	1/2	145,766	1/2	158,087	1/2	170,405	1/2	172,985	1/2	185,679	1/2	197,807	1/2	210,005	1/2	222,305	1/2	234,767
3/4	133,701	3/4	146,023	3/4	158,344	3/4	170,661	3/4	172,985	3/4	185,679	3/4	197,807	3/4	210,005	3/4	222,305	3/4	234,767

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/13/2019 SW
CALCULATED: 05/14/2019 CL
PRINTED: 05/15/2019 SW
CANCELLED AND SUPERCEDES
ALL PRIOR TO 05/20/19

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