

GALLONS



BARGE "IB 1306" INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 163'-03"

August 26, 2019

PRECISION MEASUREMENT
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BARGE "IB 1306"

1 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	231	0	11,124	0	23,068	0	34,795	0	46,897	0	58,507	0	70,427	0	82,309	0	94,233	0	106,158
1/4	305	1/4	11,373	1/4	23,314	1/4	35,034	1/4	46,836	1/4	58,758	1/4	70,875	1/4	82,567	1/4	94,482	1/4	106,406
1/2	380	1/2	11,822	1/2	23,563	1/2	35,274	1/2	47,084	1/2	59,004	1/2	70,924	1/2	82,806	1/2	94,730	1/2	106,655
3/4	455	3/4	11,871	3/4	23,811	3/4	35,514	3/4	47,332	3/4	59,252	3/4	71,172	3/4	83,054	3/4	94,978	3/4	106,903
1	529	1	12,120	1	24,060	1	35,754	1	47,551	1	59,501	1	71,420	1	83,303	1	95,227	1	107,152
1 1/4	700	1 1/4	12,369	1 1/4	24,308	1 1/4	35,994	1 1/4	47,829	1 1/4	59,749	1 1/4	71,669	1 1/4	83,551	1 1/4	95,476	1 1/4	107,400
1 1/2	871	1 1/2	12,618	1 1/2	24,557	1 1/2	36,234	1 1/2	48,077	1 1/2	59,997	1 1/2	71,917	1 1/2	83,799	1 1/2	95,724	1 1/2	107,649
1 3/4	1,042	1 3/4	12,867	1 3/4	24,805	1 3/4	36,474	1 3/4	48,326	1 3/4	60,246	1 3/4	72,165	1 3/4	84,048	1 3/4	95,972	1 3/4	107,897
2	1,213	2	13,116	2	25,054	2	36,713	2	48,574	2	60,494	2	72,413	2	84,296	2	96,221	2	108,145
2 1/4	1,451	2 1/4	13,365	2 1/4	25,302	2 1/4	36,953	2 1/4	48,822	2 1/4	60,742	2 1/4	72,660	2 1/4	84,545	2 1/4	96,469	2 1/4	108,394
2 1/2	1,689	2 1/2	13,614	2 1/2	25,551	2 1/2	37,193	2 1/2	49,071	2 1/2	60,991	2 1/2	72,908	2 1/2	84,793	2 1/2	96,718	2 1/2	108,642
2 3/4	1,927	2 3/4	13,863	2 3/4	25,799	2 3/4	37,433	2 3/4	49,319	2 3/4	61,239	2 3/4	73,155	2 3/4	85,042	2 3/4	96,968	2 3/4	108,891
3	2,166	3	14,112	3	26,048	3	37,673	3	49,567	3	61,487	3	73,402	3	85,280	3	97,215	3	109,139
3 1/4	2,414	3 1/4	14,361	3 1/4	26,296	3 1/4	37,915	3 1/4	49,816	3 1/4	61,736	3 1/4	73,650	3 1/4	85,538	3 1/4	97,463	3 1/4	109,388
3 1/2	2,682	3 1/2	14,610	3 1/2	26,545	3 1/2	38,167	3 1/2	50,064	3 1/2	61,984	3 1/2	73,897	3 1/2	85,787	3 1/2	97,711	3 1/2	109,636
3 3/4	2,910	3 3/4	14,858	3 3/4	26,793	3 3/4	38,399	3 3/4	50,312	3 3/4	62,232	3 3/4	74,144	3 3/4	86,035	3 3/4	97,960	3 3/4	109,884
4	3,168	4	15,107	4	27,042	4	38,641	4	50,561	4	62,481	4	74,392	4	86,284	4	98,208	4	110,133
4 1/4	3,406	4 1/4	15,356	4 1/4	27,290	4 1/4	38,889	4 1/4	50,809	4 1/4	62,729	4 1/4	74,639	4 1/4	86,532	4 1/4	98,457	4 1/4	110,381
4 1/2	3,655	4 1/2	15,605	4 1/2	27,539	4 1/2	39,137	4 1/2	51,057	4 1/2	62,977	4 1/2	74,887	4 1/2	86,781	4 1/2	98,705	4 1/2	110,630
4 3/4	3,904	4 3/4	15,854	4 3/4	27,787	4 3/4	39,386	4 3/4	51,306	4 3/4	63,225	4 3/4	75,134	4 3/4	87,029	4 3/4	98,954	4 3/4	110,878
5	4,153	5	16,103	5	28,036	5	39,634	5	51,554	5	63,474	5	75,381	5	87,277	5	99,202	5	111,127
5 1/4	4,402	5 1/4	16,352	5 1/4	28,284	5 1/4	39,882	5 1/4	51,802	5 1/4	63,722	5 1/4	75,629	5 1/4	87,526	5 1/4	99,450	5 1/4	111,375
5 1/2	4,651	5 1/2	16,601	5 1/2	28,532	5 1/2	40,131	5 1/2	52,051	5 1/2	63,970	5 1/2	75,876	5 1/2	87,774	5 1/2	99,699	5 1/2	111,623
5 3/4	4,900	5 3/4	16,850	5 3/4	28,776	5 3/4	40,379	5 3/4	52,299	5 3/4	64,219	5 3/4	76,123	5 3/4	88,023	5 3/4	99,947	5 3/4	111,872
6	5,149	6	17,099	6	29,023	6	40,627	6	52,547	6	64,467	6	76,371	6	88,271	6	100,196	6	112,120
6 1/4	5,397	6 1/4	17,348	6 1/4	29,265	6 1/4	40,876	6 1/4	52,796	6 1/4	64,715	6 1/4	76,618	6 1/4	88,520	6 1/4	100,444	6 1/4	112,369
6 1/2	5,646	6 1/2	17,597	6 1/2	29,507	6 1/2	41,124	6 1/2	53,044	6 1/2	64,964	6 1/2	76,866	6 1/2	88,768	6 1/2	100,693	6 1/2	112,617
6 3/4	5,895	6 3/4	17,846	6 3/4	29,749	6 3/4	41,372	6 3/4	53,292	6 3/4	65,212	6 3/4	77,113	6 3/4	89,016	6 3/4	100,941	6 3/4	112,866
7	6,144	7	18,095	7	29,991	7	41,621	7	53,541	7	65,460	7	77,360	7	89,265	7	101,189	7	113,114
7 1/4	6,393	7 1/4	18,344	7 1/4	30,233	7 1/4	41,869	7 1/4	53,789	7 1/4	65,709	7 1/4	77,608	7 1/4	89,513	7 1/4	101,438	7 1/4	113,362
7 1/2	6,642	7 1/2	18,592	7 1/2	30,474	7 1/2	42,117	7 1/2	54,037	7 1/2	65,957	7 1/2	77,856	7 1/2	89,762	7 1/2	101,686	7 1/2	113,611
7 3/4	6,891	7 3/4	18,841	7 3/4	30,715	7 3/4	42,366	7 3/4	54,286	7 3/4	66,205	7 3/4	78,102	7 3/4	90,010	7 3/4	101,935	7 3/4	113,859
8	7,140	8	19,090	8	30,957	8	42,614	8	54,534	8	66,454	8	78,350	8	90,258	8	102,183	8	114,108
8 1/4	7,389	8 1/4	19,339	8 1/4	31,197	8 1/4	42,862	8 1/4	54,782	8 1/4	66,702	8 1/4	78,597	8 1/4	90,507	8 1/4	102,432	8 1/4	114,356
8 1/2	7,638	8 1/2	19,587	8 1/2	31,437	8 1/2	43,111	8 1/2	55,031	8 1/2	66,950	8 1/2	78,844	8 1/2	90,755	8 1/2	102,680	8 1/2	114,605
8 3/4	7,887	8 3/4	19,836	8 3/4	31,676	8 3/4	43,359	8 3/4	55,279	8 3/4	67,198	8 3/4	79,092	8 3/4	91,004	8 3/4	102,928	8 3/4	114,853
9	8,136	9	20,084	9	31,916	9	43,607	9	55,527	9	67,447	9	79,339	9	91,252	9	103,177	9	115,101
9 1/4	8,385	9 1/4	20,333	9 1/4	32,156	9 1/4	43,856	9 1/4	55,776	9 1/4	67,695	9 1/4	79,587	9 1/4	91,501	9 1/4	103,425	9 1/4	115,350
9 1/2	8,634	9 1/2	20,581	9 1/2	32,396	9 1/2	44,104	9 1/2	56,024	9 1/2	67,944	9 1/2	79,834	9 1/2	91,749	9 1/2	103,674	9 1/2	115,598
9 3/4	8,883	9 3/4	20,830	9 3/4	32,636	9 3/4	44,352	9 3/4	56,272	9 3/4	68,192	9 3/4	80,081	9 3/4	91,998	9 3/4	103,922	9 3/4	115,846
10	9,132	10	21,078	10	32,876	10	44,601	10	56,521	10	68,440	10	80,329	10	92,246	10	104,171	10	116,095
10 1/4	9,381	10 1/4	21,327	10 1/4	33,116	10 1/4	44,849	10 1/4	56,769	10 1/4	68,689	10 1/4	80,576	10 1/4	92,494	10 1/4	104,419	10 1/4	116,343
10 1/2	9,630	10 1/2	21,575	10 1/2	33,355	10 1/2	45,097	10 1/2	57,017	10 1/2	68,937	10 1/2	80,823	10 1/2	92,743	10 1/2	104,667	10 1/2	116,591
10 3/4	9,879	10 3/4	21,824	10 3/4	33,595	10 3/4	45,345	10 3/4	57,266	10 3/4	69,185	10 3/4	81,071	10 3/4	92,991	10 3/4	104,916	10 3/4	116,839
11	10,128	11	22,072	11	33,835	11	45,594	11	57,514	11	69,434	11	81,318	11	93,240	11	105,164	11	117,087
11 1/4	10,377	11 1/4	22,320	11 1/4	34,075	11 1/4	45,842	11 1/4	57,762	11 1/4	69,682	11 1/4	81,566	11 1/4	93,488	11 1/4	105,413	11 1/4	117,335
11 1/2	10,626	11 1/2	22,569	11 1/2	34,315	11 1/2	46,091	11 1/2	58,011	11 1/2	69,930	11 1/2	81,814	11 1/2	93,737	11 1/2	105,661	11 1/2	117,583
11 3/4	10,875	11 3/4	22,817	11 3/4	34,555	11 3/4	46,339	11 3/4	58,259	11 3/4	70,179	11 3/4	82,061	11 3/4	93,985	11 3/4	105,910	11 3/4	117,831

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT (HERMETIC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "IB 1306"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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	118,079	0	129,167	0	139,267	0	149,367	0	159,466	0	169,566	0	179,666	0	189,766	0	199,866	0	209,966
1/4	118,320	1/4	129,380	1/4	139,479	1/4	149,579	1/4	159,679	1/4	169,779	1/4	179,879	1/4	189,979	1/4	199,979	1/4	209,979
1/2	118,576	1/2	129,592	1/2	139,792	1/2	149,992	1/2	160,192	1/2	170,392	1/2	180,592	1/2	190,792	1/2	200,792	1/2	210,792
3/4	118,824	3/4	129,805	3/4	140,004	3/4	150,204	3/4	160,404	3/4	170,604	3/4	180,804	3/4	191,004	3/4	201,004	3/4	211,004
1	119,072	1	130,017	1	140,217	1	150,416	1	160,616	1	170,816	1	181,016	1	191,216	1	201,216	1	211,216
1 1/4	119,320	1 1/4	130,230	1 1/4	140,429	1 1/4	150,629	1 1/4	160,829	1 1/4	171,029	1 1/4	181,229	1 1/4	191,429	1 1/4	201,429	1 1/4	211,429
1 1/2	119,569	1 1/2	130,442	1 1/2	140,642	1 1/2	150,842	1 1/2	161,042	1 1/2	171,242	1 1/2	181,442	1 1/2	191,642	1 1/2	201,642	1 1/2	211,642
1 3/4	119,816	1 3/4	130,655	1 3/4	140,854	1 3/4	151,054	1 3/4	161,254	1 3/4	171,454	1 3/4	181,654	1 3/4	191,854	1 3/4	201,854	1 3/4	211,854
2	120,064	2	130,867	2	141,067	2	151,266	2	161,466	2	171,666	2	181,866	2	192,066	2	202,066	2	212,066
2 1/4	120,312	2 1/4	131,079	2 1/4	141,279	2 1/4	151,479	2 1/4	161,679	2 1/4	171,879	2 1/4	182,079	2 1/4	192,279	2 1/4	202,279	2 1/4	212,279
2 1/2	120,560	2 1/2	131,292	2 1/2	141,482	2 1/2	151,682	2 1/2	161,882	2 1/2	172,082	2 1/2	182,282	2 1/2	192,482	2 1/2	202,482	2 1/2	212,482
2 3/4	120,808	2 3/4	131,504	2 3/4	141,704	2 3/4	151,904	2 3/4	162,104	2 3/4	172,304	2 3/4	182,504	2 3/4	192,704	2 3/4	202,704	2 3/4	212,704
3	121,056	3	131,717	3	141,917	3	152,116	3	162,316	3	172,516	3	182,716	3	192,916	3	202,916	3	212,916
3 1/4	121,304	3 1/4	131,929	3 1/4	142,129	3 1/4	152,329	3 1/4	162,529	3 1/4	172,729	3 1/4	182,929	3 1/4	193,129	3 1/4	203,129	3 1/4	213,129
3 1/2	121,553	3 1/2	132,142	3 1/2	142,342	3 1/2	152,542	3 1/2	162,742	3 1/2	172,942	3 1/2	183,142	3 1/2	193,342	3 1/2	203,342	3 1/2	213,342
3 3/4	121,801	3 3/4	132,354	3 3/4	142,554	3 3/4	152,754	3 3/4	162,954	3 3/4	173,154	3 3/4	183,354	3 3/4	193,554	3 3/4	203,554	3 3/4	213,554
4	122,049	4	132,567	4	142,767	4	152,966	4	163,166	4	173,366	4	183,566	4	193,766	4	203,766	4	213,766
4 1/4	122,297	4 1/4	132,779	4 1/4	142,979	4 1/4	153,179	4 1/4	163,379	4 1/4	173,579	4 1/4	183,779	4 1/4	193,979	4 1/4	203,979	4 1/4	213,979
4 1/2	122,545	4 1/2	132,992	4 1/2	143,182	4 1/2	153,391	4 1/2	163,591	4 1/2	173,791	4 1/2	183,991	4 1/2	194,191	4 1/2	204,191	4 1/2	214,191
4 3/4	122,793	4 3/4	133,204	4 3/4	143,404	4 3/4	153,604	4 3/4	163,804	4 3/4	174,004	4 3/4	184,204	4 3/4	194,404	4 3/4	204,404	4 3/4	214,404
5	123,041	5	133,417	5	143,617	5	153,816	5	164,016	5	174,216	5	184,416	5	194,616	5	204,616	5	214,616
5 1/4	123,289	5 1/4	133,629	5 1/4	143,829	5 1/4	154,029	5 1/4	164,229	5 1/4	174,429	5 1/4	184,629	5 1/4	194,829	5 1/4	204,829	5 1/4	214,829
5 1/2	123,538	5 1/2	133,842	5 1/2	144,042	5 1/2	154,242	5 1/2	164,442	5 1/2	174,642	5 1/2	184,842	5 1/2	195,042	5 1/2	205,042	5 1/2	215,042
5 3/4	123,772	5 3/4	134,054	5 3/4	144,254	5 3/4	154,454	5 3/4	164,654	5 3/4	174,854	5 3/4	185,054	5 3/4	195,254	5 3/4	205,254	5 3/4	215,254
6	124,015	6	134,267	6	144,467	6	154,666	6	164,866	6	175,066	6	185,266	6	195,466	6	205,466	6	215,466
6 1/4	124,241	6 1/4	134,479	6 1/4	144,679	6 1/4	154,879	6 1/4	165,079	6 1/4	175,279	6 1/4	185,479	6 1/4	195,679	6 1/4	205,679	6 1/4	215,679
6 1/2	124,468	6 1/2	134,692	6 1/2	144,892	6 1/2	155,091	6 1/2	165,291	6 1/2	175,491	6 1/2	185,691	6 1/2	195,891	6 1/2	205,891	6 1/2	215,891
6 3/4	124,692	6 3/4	134,904	6 3/4	145,104	6 3/4	155,304	6 3/4	165,504	6 3/4	175,704	6 3/4	185,904	6 3/4	196,104	6 3/4	206,104	6 3/4	216,104
7	124,917	7	135,117	7	145,317	7	155,516	7	165,716	7	175,916	7	186,116	7	196,316	7	206,316	7	216,316
7 1/4	125,130	7 1/4	135,329	7 1/4	145,529	7 1/4	155,729	7 1/4	165,929	7 1/4	176,129	7 1/4	186,329	7 1/4	196,529	7 1/4	206,529	7 1/4	216,529
7 1/2	125,342	7 1/2	135,542	7 1/2	145,742	7 1/2	155,941	7 1/2	166,141	7 1/2	176,341	7 1/2	186,541	7 1/2	196,741	7 1/2	206,741	7 1/2	216,741
7 3/4	125,555	7 3/4	135,754	7 3/4	145,954	7 3/4	156,154	7 3/4	166,354	7 3/4	176,554	7 3/4	186,754	7 3/4	196,954	7 3/4	206,954	7 3/4	216,954
8	125,767	8	135,967	8	146,167	8	156,366	8	166,566	8	176,766	8	186,966	8	197,166	8	207,166	8	217,166
8 1/4	125,980	8 1/4	136,179	8 1/4	146,379	8 1/4	156,579	8 1/4	166,778	8 1/4	176,978	8 1/4	187,178	8 1/4	197,378	8 1/4	207,378	8 1/4	217,378
8 1/2	126,192	8 1/2	136,392	8 1/2	146,592	8 1/2	156,791	8 1/2	166,991	8 1/2	177,191	8 1/2	187,391	8 1/2	197,591	8 1/2	207,591	8 1/2	217,591
8 3/4	126,405	8 3/4	136,604	8 3/4	146,804	8 3/4	157,004	8 3/4	167,203	8 3/4	177,403	8 3/4	187,603	8 3/4	197,803	8 3/4	207,803	8 3/4	217,803
9	126,617	9	136,817	9	147,017	9	157,216	9	167,416	9	177,616	9	187,816	9	198,016	9	208,016	9	218,016
9 1/4	126,830	9 1/4	137,029	9 1/4	147,229	9 1/4	157,429	9 1/4	167,628	9 1/4	177,828	9 1/4	188,028	9 1/4	198,228	9 1/4	208,228	9 1/4	218,228
9 1/2	127,042	9 1/2	137,242	9 1/2	147,442	9 1/2	157,641	9 1/2	167,840	9 1/2	178,040	9 1/2	188,240	9 1/2	198,440	9 1/2	208,440	9 1/2	218,440
9 3/4	127,255	9 3/4	137,454	9 3/4	147,654	9 3/4	157,854	9 3/4	168,052	9 3/4	178,252	9 3/4	188,452	9 3/4	198,652	9 3/4	208,652	9 3/4	218,652
10	127,467	10	137,667	10	147,867	10	158,066	10	168,264	10	178,464	10	188,664	10	198,864	10	208,864	10	218,864
10 1/4	127,680	10 1/4	137,879	10 1/4	148,079	10 1/4	158,279	10 1/4	168,477	10 1/4	178,677	10 1/4	188,877	10 1/4	199,077	10 1/4	209,077	10 1/4	219,077
10 1/2	127,892	10 1/2	138,092	10 1/2	148,292	10 1/2	158,491	10 1/2	168,690	10 1/2	178,890	10 1/2	189,090	10 1/2	199,290	10 1/2	209,290	10 1/2	219,290
10 3/4	128,105	10 3/4	138,304	10 3/4	148,504	10 3/4	158,704	10 3/4	168,903	10 3/4	179,103	10 3/4	189,303	10 3/4	199,503	10 3/4	209,503	10 3/4	219,503
11	128,317	11	138,517	11	148,717	11	158,916	11	169,116	11	179,316	11	189,516	11	199,716	11	209,716	11	219,716
11 1/4	128,530	11 1/4	138,729	11 1/4	148,929	11 1/4	159,129	11 1/4	169,322	11 1/4	179,522	11 1/4	189,722	11 1/4	199,922	11 1/4	209,922	11 1/4	219,922
11 1/2	128,742	11 1/2	138,942	11 1/2	149,142	11 1/2	159,341	11 1/2	169,528	11 1/2	179,728	11 1/2	189,928	11 1/2	200,128	11 1/2	210,128	11 1/2	220,128
11 3/4	128,955	11 3/4	139,154	11 3/4	149,354	11 3/4	159,554	11 3/4	169,753	11 3/4	179,953	11 3/4	190,153	11 3/4	200,353	11 3/4	210,353	11 3/4	220,353

STRAPPED: 09/29/2019 CL
CALCULATED: 08/26/2019 CL
PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77668
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BARGE "IB 1306"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	74	0	9,451	0	19,738	0	29,866	0	40,080	0	50,347	0	60,635	0	70,923	0	81,210	0	91,498
1/4	138	1/4	9,665	1/4	19,952	1/4	30,074	1/4	40,274	1/4	50,562	1/4	60,849	1/4	71,137	1/4	81,425	1/4	91,712
1/2	202	1/2	9,879	1/2	20,166	1/2	30,282	1/2	40,488	1/2	50,775	1/2	61,064	1/2	71,351	1/2	81,639	1/2	91,927
3/4	267	3/4	10,084	3/4	20,381	3/4	30,490	3/4	40,703	3/4	50,980	3/4	61,278	3/4	71,566	3/4	81,853	3/4	92,141
1	331	1	10,308	1	20,595	1	30,698	1	40,917	1	51,205	1	61,492	1	71,780	1	82,068	1	92,355
1 1/4	478	1 1/4	10,522	1 1/4	20,809	1 1/4	30,906	1 1/4	41,131	1 1/4	51,419	1 1/4	61,707	1 1/4	71,994	1 1/4	82,282	1 1/4	92,570
1 1/2	625	1 1/2	10,736	1 1/2	21,024	1 1/2	31,114	1 1/2	41,346	1 1/2	51,633	1 1/2	61,921	1 1/2	72,209	1 1/2	82,496	1 1/2	92,784
3/4	772	3/4	10,951	3/4	21,238	3/4	31,322	3/4	41,560	3/4	51,848	3/4	62,136	3/4	72,423	3/4	82,711	3/4	92,998
2	919	2	11,165	2	21,452	2	31,530	2	41,774	2	52,062	2	62,350	2	72,637	2	82,925	2	93,213
2 1/4	1,124	2 1/4	11,379	2 1/4	21,667	2 1/4	31,738	2 1/4	41,989	2 1/4	52,276	2 1/4	62,564	2 1/4	72,852	2 1/4	83,139	2 1/4	93,427
1 1/2	1,329	1 1/2	11,594	1 1/2	21,881	1 1/2	31,947	1 1/2	42,203	1 1/2	52,481	1 1/2	62,778	1 1/2	73,066	1 1/2	83,354	1 1/2	93,641
3/4	1,534	3/4	11,808	3/4	22,096	3/4	32,155	3/4	42,417	3/4	52,705	3/4	62,993	3/4	73,280	3/4	83,568	3/4	93,856
3	1,739	3	12,022	3	22,310	3	32,363	3	42,632	3	52,919	3	63,207	3	73,495	3	83,782	3	94,070
1 1/4	1,953	1 1/4	12,237	1 1/4	22,524	1 1/4	32,572	1 1/4	42,846	1 1/4	53,134	1 1/4	63,421	1 1/4	73,709	1 1/4	83,997	1 1/4	94,284
1 1/2	2,166	1 1/2	12,451	1 1/2	22,738	1 1/2	32,782	1 1/2	43,060	1 1/2	53,348	1 1/2	63,636	1 1/2	73,923	1 1/2	84,211	1 1/2	94,499
3/4	2,380	3/4	12,665	3/4	22,953	3/4	32,992	3/4	43,275	3/4	53,562	3/4	63,860	3/4	74,138	3/4	84,428	3/4	94,713
4	2,593	4	12,880	4	23,167	4	33,201	4	43,499	4	53,777	4	64,064	4	74,352	4	84,640	4	94,927
1 1/4	2,807	1 1/4	13,094	1 1/4	23,381	1 1/4	33,416	1 1/4	43,703	1 1/4	53,991	1 1/4	64,279	1 1/4	74,566	1 1/4	84,854	1 1/4	95,142
1 1/2	3,021	1 1/2	13,308	1 1/2	23,596	1 1/2	33,630	1 1/2	43,918	1 1/2	54,205	1 1/2	64,493	1 1/2	74,781	1 1/2	85,068	1 1/2	95,356
3/4	3,236	3/4	13,523	3/4	23,810	3/4	33,844	3/4	44,132	3/4	54,420	3/4	64,707	3/4	74,995	3/4	85,283	3/4	95,570
6	3,450	6	13,737	6	24,024	6	34,059	6	44,346	6	54,634	6	64,922	6	75,209	6	85,497	6	95,785
1 1/4	3,664	1 1/4	13,951	1 1/4	24,237	1 1/4	34,273	1 1/4	44,561	1 1/4	54,848	1 1/4	65,136	1 1/4	75,424	1 1/4	85,711	1 1/4	95,999
1 1/2	3,878	1 1/2	14,166	1 1/2	24,450	1 1/2	34,487	1 1/2	44,775	1 1/2	55,063	1 1/2	65,360	1 1/2	75,638	1 1/2	85,926	1 1/2	96,213
3/4	4,093	3/4	14,380	3/4	24,662	3/4	34,701	3/4	44,988	3/4	55,277	3/4	65,566	3/4	75,852	3/4	86,140	3/4	96,428
8	4,307	8	14,594	8	24,875	8	34,916	8	45,204	8	55,491	8	65,779	8	76,067	8	86,354	8	96,642
1 1/4	4,521	1 1/4	14,809	1 1/4	25,089	1 1/4	35,130	1 1/4	45,418	1 1/4	55,706	1 1/4	65,993	1 1/4	76,281	1 1/4	86,569	1 1/4	96,856
1 1/2	4,736	1 1/2	15,023	1 1/2	25,291	1 1/2	35,344	1 1/2	45,632	1 1/2	55,920	1 1/2	66,208	1 1/2	76,495	1 1/2	86,783	1 1/2	97,071
3/4	4,950	3/4	15,237	3/4	25,499	3/4	35,559	3/4	45,846	3/4	56,134	3/4	66,422	3/4	76,710	3/4	86,997	3/4	97,285
7	5,164	7	15,451	7	25,708	7	35,773	7	46,061	7	56,349	7	66,636	7	76,924	7	87,212	7	97,499
1 1/4	5,379	1 1/4	15,666	1 1/4	25,914	1 1/4	35,987	1 1/4	46,275	1 1/4	56,563	1 1/4	66,851	1 1/4	77,138	1 1/4	87,426	1 1/4	97,714
1 1/2	5,593	1 1/2	15,880	1 1/2	26,122	1 1/2	36,202	1 1/2	46,489	1 1/2	56,777	1 1/2	67,065	1 1/2	77,353	1 1/2	87,640	1 1/2	97,928
3/4	5,807	3/4	16,094	3/4	26,330	3/4	36,416	3/4	46,704	3/4	56,992	3/4	67,279	3/4	77,567	3/4	87,855	3/4	98,142
8	6,022	8	16,309	8	26,538	8	36,630	8	46,918	8	57,206	8	67,494	8	77,781	8	88,069	8	98,357
1 1/4	6,236	1 1/4	16,523	1 1/4	26,746	1 1/4	36,845	1 1/4	47,132	1 1/4	57,420	1 1/4	67,708	1 1/4	77,996	1 1/4	88,283	1 1/4	98,571
1 1/2	6,450	1 1/2	16,737	1 1/2	26,954	1 1/2	37,059	1 1/2	47,347	1 1/2	57,634	1 1/2	67,922	1 1/2	78,210	1 1/2	88,498	1 1/2	98,785
3/4	6,664	3/4	16,952	3/4	27,162	3/4	37,273	3/4	47,561	3/4	57,849	3/4	68,137	3/4	78,424	3/4	88,712	3/4	98,998
9	6,879	9	17,166	9	27,370	9	37,488	9	47,775	9	58,063	9	68,351	9	78,639	9	88,926	9	99,214
1 1/4	7,093	1 1/4	17,380	1 1/4	27,578	1 1/4	37,702	1 1/4	47,990	1 1/4	58,277	1 1/4	68,565	1 1/4	78,853	1 1/4	89,141	1 1/4	99,428
1 1/2	7,307	1 1/2	17,595	1 1/2	27,786	1 1/2	37,916	1 1/2	48,204	1 1/2	58,492	1 1/2	68,779	1 1/2	79,067	1 1/2	89,355	1 1/2	99,643
3/4	7,522	3/4	17,809	3/4	27,994	3/4	38,131	3/4	48,418	3/4	58,708	3/4	68,994	3/4	79,282	3/4	89,569	3/4	99,857
10	7,736	10	18,023	10	28,202	10	38,345	10	48,633	10	58,920	10	69,208	10	79,498	10	89,784	10	100,071
1 1/4	7,950	1 1/4	18,238	1 1/4	28,410	1 1/4	38,559	1 1/4	48,847	1 1/4	59,135	1 1/4	69,422	1 1/4	79,710	1 1/4	89,998	1 1/4	100,286
1 1/2	8,165	1 1/2	18,452	1 1/2	28,618	1 1/2	38,774	1 1/2	49,061	1 1/2	59,349	1 1/2	69,637	1 1/2	79,924	1 1/2	90,212	1 1/2	100,500
3/4	8,379	3/4	18,666	3/4	28,826	3/4	38,988	3/4	49,276	3/4	59,563	3/4	69,851	3/4	80,139	3/4	90,427	3/4	100,714
11	8,593	11	18,881	11	29,034	11	39,202	11	49,490	11	59,778	11	70,065	11	80,353	11	90,641	11	100,929
1 1/4	8,808	1 1/4	19,095	1 1/4	29,242	1 1/4	39,417	1 1/4	49,704	1 1/4	59,992	1 1/4	70,280	1 1/4	80,567	1 1/4	90,855	1 1/4	101,143
1 1/2	9,022	1 1/2	19,309	1 1/2	29,450	1 1/2	39,631	1 1/2	49,919	1 1/2	60,206	1 1/2	70,494	1 1/2	80,782	1 1/2	91,069	1 1/2	101,357
3/4	9,236	3/4	19,524	3/4	29,658	3/4	39,845	3/4	50,133	3/4	60,421	3/4	70,708	3/4	80,996	3/4	91,284	3/4	101,572

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2692
 Pearland, Texas 77668
 http://www.pmacorp.net



BARGE "IB 1306"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-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	101,788	0	112,074	0	122,361	0	132,649	0	142,937	0	153,225	0	163,513	0	173,801	0	184,089	0	194,377
1/4	102,000	1/4	112,288	1/4	122,576	1/4	132,863	1/4	143,151	1/4	153,439	1/4	163,727	1/4	174,015	1/4	184,303	1/4	194,591
1/2	102,215	1/2	112,502	1/2	122,790	1/2	133,078	1/2	143,366	1/2	153,654	1/2	163,942	1/2	174,230	1/2	184,518	1/2	194,806
3/4	102,429	3/4	112,717	3/4	123,004	3/4	133,292	3/4	143,580	3/4	153,868	3/4	164,156	3/4	174,444	3/4	184,732	3/4	195,020
1	102,643	1	112,931	1	123,219	1	133,506	1	143,794	1	154,082	1	164,370	1	174,658	1	184,946	1	195,234
1 1/4	102,857	1 1/4	113,146	1 1/4	123,433	1 1/4	133,721	1 1/4	144,008	1 1/4	154,296	1 1/4	164,584	1 1/4	174,872	1 1/4	185,160	1 1/4	195,448
1 1/2	103,072	1 1/2	113,360	1 1/2	123,647	1 1/2	133,935	1 1/2	144,223	1 1/2	154,511	1 1/2	164,799	1 1/2	175,087	1 1/2	185,375	1 1/2	195,663
3/4	103,286	3/4	113,574	3/4	123,862	3/4	134,149	3/4	144,437	3/4	154,725	3/4	165,013	3/4	175,301	3/4	185,589	3/4	195,877
2	103,500	2	113,788	2	124,078	2	134,364	2	144,651	2	154,939	2	165,227	2	175,515	2	185,803	2	196,091
1 1/4	103,715	1 1/4	114,002	1 1/4	124,290	1 1/4	134,578	1 1/4	144,866	1 1/4	155,154	1 1/4	165,442	1 1/4	175,730	1 1/4	186,018	1 1/4	196,306
1 1/2	103,929	1 1/2	114,217	1 1/2	124,505	1 1/2	134,792	1 1/2	145,080	1 1/2	155,368	1 1/2	165,656	1 1/2	175,944	1 1/2	186,232	1 1/2	196,520
3/4	104,143	3/4	114,431	3/4	124,719	3/4	135,007	3/4	145,294	3/4	155,582	3/4	165,870	3/4	176,158	3/4	186,446	3/4	196,708
3	104,358	3	114,645	3	124,933	3	135,221	3	145,509	3	155,797	3	166,085	3	176,373	3	186,631	3	196,922
1 1/4	104,572	1 1/4	114,860	1 1/4	125,147	1 1/4	135,435	1 1/4	145,723	1 1/4	156,011	1 1/4	166,299	1 1/4	176,587	1 1/4	186,845	1 1/4	197,133
1 1/2	104,786	1 1/2	115,074	1 1/2	125,362	1 1/2	135,650	1 1/2	145,937	1 1/2	156,298	1 1/2	166,586	1 1/2	176,874	1 1/2	187,132	1 1/2	197,421
3/4	105,001	3/4	115,288	3/4	125,576	3/4	135,864	3/4	146,152	3/4	156,440	3/4	166,724	3/4	177,012	3/4	187,270	3/4	197,709
4	105,215	4	115,503	4	125,790	4	136,078	4	146,366	4	156,644	4	166,912	4	177,180	4	187,438	4	197,917
1 1/4	105,429	1 1/4	115,717	1 1/4	126,005	1 1/4	136,292	1 1/4	146,580	1 1/4	156,858	1 1/4	167,126	1 1/4	177,394	1 1/4	187,652	1 1/4	198,125
1 1/2	105,644	1 1/2	115,931	1 1/2	126,219	1 1/2	136,507	1 1/2	146,795	1 1/2	157,073	1 1/2	167,342	1 1/2	177,600	1 1/2	187,858	1 1/2	198,333
3/4	105,859	3/4	116,146	3/4	126,433	3/4	136,721	3/4	147,009	3/4	157,287	3/4	167,550	3/4	177,808	3/4	188,066	3/4	198,541
5	106,072	5	116,360	5	126,648	5	136,935	5	147,223	5	157,491	5	167,732	5	178,010	5	188,268	5	198,756
1 1/4	106,287	1 1/4	116,574	1 1/4	126,862	1 1/4	137,150	1 1/4	147,437	1 1/4	157,715	1 1/4	167,956	1 1/4	178,234	1 1/4	188,492	1 1/4	199,000
1 1/2	106,501	1 1/2	116,789	1 1/2	127,076	1 1/2	137,364	1 1/2	147,652	1 1/2	158,000	1 1/2	168,181	1 1/2	178,459	1 1/2	188,717	1 1/2	199,208
3/4	106,715	3/4	117,003	3/4	127,291	3/4	137,578	3/4	147,868	3/4	158,189	3/4	168,370	3/4	178,648	3/4	188,906	3/4	199,419
6	106,930	6	117,217	6	127,505	6	137,793	6	148,080	6	158,368	6	168,549	6	178,827	6	189,085	6	199,630
1 1/4	107,144	1 1/4	117,432	1 1/4	127,719	1 1/4	138,007	1 1/4	148,295	1 1/4	158,583	1 1/4	168,764	1 1/4	179,042	1 1/4	189,300	1 1/4	199,841
1 1/2	107,358	1 1/2	117,646	1 1/2	127,934	1 1/2	138,221	1 1/2	148,509	1 1/2	158,797	1 1/2	168,978	1 1/2	179,256	1 1/2	189,514	1 1/2	200,052
3/4	107,573	3/4	117,860	3/4	128,148	3/4	138,436	3/4	148,723	3/4	159,011	3/4	169,192	3/4	179,470	3/4	189,728	3/4	200,263
7	107,787	7	118,075	7	128,362	7	138,650	7	148,938	7	159,226	7	169,407	7	179,685	7	189,943	7	200,474
1 1/4	108,001	1 1/4	118,289	1 1/4	128,577	1 1/4	138,864	1 1/4	149,152	1 1/4	159,440	1 1/4	169,621	1 1/4	179,899	1 1/4	190,161	1 1/4	200,685
1 1/2	108,216	1 1/2	118,503	1 1/2	128,791	1 1/2	139,079	1 1/2	149,366	1 1/2	159,654	1 1/2	169,835	1 1/2	180,113	1 1/2	190,371	1 1/2	200,896
3/4	108,430	3/4	118,718	3/4	129,005	3/4	139,293	3/4	149,581	3/4	159,869	3/4	170,043	3/4	180,321	3/4	190,579	3/4	201,107
8	108,644	8	118,932	8	129,220	8	139,507	8	149,795	8	160,057	8	170,236	8	180,514	8	190,772	8	201,318
1 1/4	108,859	1 1/4	119,146	1 1/4	129,434	1 1/4	139,722	1 1/4	150,009	1 1/4	160,297	1 1/4	170,476	1 1/4	180,754	1 1/4	191,012	1 1/4	201,529
1 1/2	109,073	1 1/2	119,361	1 1/2	129,648	1 1/2	139,938	1 1/2	150,224	1 1/2	160,512	1 1/2	170,691	1 1/2	180,969	1 1/2	191,230	1 1/2	201,740
3/4	109,287	3/4	119,575	3/4	129,863	3/4	140,150	3/4	150,438	3/4	160,726	3/4	170,905	3/4	181,183	3/4	191,441	3/4	201,951
9	109,502	9	119,789	9	130,077	9	140,365	9	150,652	9	161,000	9	171,179	9	181,457	9	191,715	9	202,162
1 1/4	109,716	1 1/4	120,004	1 1/4	130,291	1 1/4	140,579	1 1/4	150,866	1 1/4	161,188	1 1/4	171,367	1 1/4	181,645	1 1/4	191,903	1 1/4	202,373
1 1/2	109,930	1 1/2	120,218	1 1/2	130,506	1 1/2	140,793	1 1/2	151,080	1 1/2	161,376	1 1/2	171,555	1 1/2	181,833	1 1/2	192,091	1 1/2	202,584
3/4	110,145	3/4	120,432	3/4	130,720	3/4	141,008	3/4	151,294	3/4	161,562	3/4	171,721	3/4	182,000	3/4	192,248	3/4	202,795
10	110,359	10	120,647	10	130,934	10	141,222	10	151,508	10	161,776	10	171,945	10	182,213	10	192,471	10	203,006
1 1/4	110,573	1 1/4	120,861	1 1/4	131,149	1 1/4	141,438	1 1/4	151,719	1 1/4	162,007	1 1/4	172,176	1 1/4	182,444	1 1/4	192,702	1 1/4	203,217
1 1/2	110,788	1 1/2	121,076	1 1/2	131,363	1 1/2	141,651	1 1/2	151,930	1 1/2	162,216	1 1/2	172,385	1 1/2	182,653	1 1/2	192,911	1 1/2	203,428
3/4	111,002	3/4	121,290	3/4	131,577	3/4	141,865	3/4	152,141	3/4	162,444	3/4	172,593	3/4	182,861	3/4	193,119	3/4	203,639
11	111,216	11	121,504	11	131,792	11	142,079	11	152,352	11	162,626	11	172,778	11	183,046	11	193,304	11	203,850
1 1/4	111,431	1 1/4	121,718	1 1/4	132,006	1 1/4	142,294	1 1/4	152,641	1 1/4	162,899	1 1/4	173,051	1 1/4	183,310	1 1/4	193,562	1 1/4	204,061
1 1/2	111,645	1 1/2	121,933	1 1/2	132,220	1 1/2	142,508	1 1/2	152,729	1 1/2	163,122	1 1/2	173,264	1 1/2	183,523	1 1/2	193,775	1 1/2	204,272
3/4	111,859	3/4	122,147	3/4	132,435	3/4	142,722	3/4	152,918	3/4	163,318	3/4	173,456	3/4	183,711	3/4	193,987	3/4	204,483

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2019 CL
CALCULATED: 08/28/2019 CL
PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1306"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-0 1/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	74	0	9,500	0	19,842	0	30,159	0	40,489	0	50,831	0	61,173	0	71,514	0	81,856	0	92,198
1/4	139	1/4	9,716	1/4	20,057	1/4	30,374	1/4	40,704	1/4	51,046	1/4	61,388	1/4	71,730	1/4	82,072	1/4	92,414
1/2	203	1/2	9,931	1/2	20,273	1/2	30,590	1/2	40,920	1/2	51,261	1/2	61,603	1/2	71,945	1/2	82,287	1/2	92,629
3/4	268	3/4	10,146	3/4	20,488	3/4	30,803	3/4	41,135	3/4	51,477	3/4	61,819	3/4	72,161	3/4	82,503	3/4	92,845
1	332	1	10,362	1	20,703	1	31,017	1	41,350	1	51,692	1	62,034	1	72,376	1	82,718	1	93,060
1 1/4	400	1 1/4	10,577	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	82,934	1 1/4	93,276
1 1/2	468	1 1/2	10,793	1 1/2	21,134	1 1/2	31,446	1 1/2	41,781	1 1/2	52,123	1 1/2	62,465	1 1/2	72,807	1 1/2	83,149	1 1/2	93,491
3 1/4	776	3 1/4	11,008	3 1/4	21,350	3 1/4	31,661	3 1/4	41,997	3 1/4	52,339	3 1/4	62,681	3 1/4	73,023	3 1/4	83,365	3 1/4	93,708
2	924	2	11,224	2	21,565	2	31,875	2	42,212	2	52,554	2	62,896	2	73,238	2	83,580	2	93,922
1 1/4	1,130	1 1/4	11,439	1 1/4	21,781	1 1/4	32,090	1 1/4	42,428	1 1/4	52,770	1 1/4	63,112	1 1/4	73,454	1 1/4	83,796	1 1/4	94,137
1 1/2	1,336	1 1/2	11,655	1 1/2	21,996	1 1/2	32,305	1 1/2	42,643	1 1/2	52,985	1 1/2	63,327	1 1/2	73,669	1 1/2	84,011	1 1/2	94,353
3 1/4	1,542	3 1/4	11,870	3 1/4	22,212	3 1/4	32,520	3 1/4	42,859	3 1/4	53,201	3 1/4	63,543	3 1/4	73,884	3 1/4	84,226	3 1/4	94,568
3	1,748	3	12,086	3	22,427	3	32,734	3	43,074	3	53,416	3	63,758	3	74,100	3	84,442	3	94,784
1 1/4	1,863	1 1/4	12,301	1 1/4	22,642	1 1/4	32,949	1 1/4	43,290	1 1/4	53,632	1 1/4	63,973	1 1/4	74,315	1 1/4	84,657	1 1/4	94,999
1 1/2	2,177	1 1/2	12,516	1 1/2	22,858	1 1/2	33,164	1 1/2	43,505	1 1/2	53,847	1 1/2	64,189	1 1/2	74,531	1 1/2	84,873	1 1/2	95,215
3 1/4	2,392	3 1/4	12,732	3 1/4	23,073	3 1/4	33,379	3 1/4	43,720	3 1/4	54,062	3 1/4	64,404	3 1/4	74,746	3 1/4	85,088	3 1/4	95,430
4	2,607	4	12,947	4	23,289	4	33,594	4	43,935	4	54,278	4	64,620	4	74,962	4	85,304	4	95,646
1 1/4	2,822	1 1/4	13,163	1 1/4	23,504	1 1/4	33,809	1 1/4	44,151	1 1/4	54,493	1 1/4	64,835	1 1/4	75,177	1 1/4	85,519	1 1/4	95,861
1 1/2	3,037	1 1/2	13,378	1 1/2	23,720	1 1/2	34,025	1 1/2	44,367	1 1/2	54,709	1 1/2	65,051	1 1/2	75,393	1 1/2	85,735	1 1/2	96,077
3 1/4	3,252	3 1/4	13,594	3 1/4	23,935	3 1/4	34,240	3 1/4	44,582	3 1/4	54,924	3 1/4	65,268	3 1/4	75,608	3 1/4	85,950	3 1/4	96,292
5	3,468	5	13,809	5	24,151	5	34,456	5	44,798	5	55,140	5	65,482	5	75,824	5	86,166	5	96,507
1 1/4	3,683	1 1/4	14,025	1 1/4	24,366	1 1/4	34,671	1 1/4	45,013	1 1/4	55,355	1 1/4	65,697	1 1/4	76,039	1 1/4	86,381	1 1/4	96,723
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	76,254	1 1/2	86,596	1 1/2	96,938
3 1/4	4,114	3 1/4	14,455	3 1/4	24,796	3 1/4	35,102	3 1/4	45,444	3 1/4	55,786	3 1/4	66,128	3 1/4	76,470	3 1/4	86,812	3 1/4	97,154
8	4,329	8	14,671	8	25,011	8	35,318	8	45,660	8	56,002	8	66,343	8	76,685	8	87,027	8	97,369
1 1/4	4,545	1 1/4	14,886	1 1/4	25,226	1 1/4	35,533	1 1/4	45,875	1 1/4	56,217	1 1/4	66,559	1 1/4	76,901	1 1/4	87,243	1 1/4	97,585
1 1/2	4,760	1 1/2	15,102	1 1/2	25,440	1 1/2	35,749	1 1/2	46,091	1 1/2	56,432	1 1/2	66,774	1 1/2	77,116	1 1/2	87,458	1 1/2	97,800
3 1/4	4,976	3 1/4	15,317	3 1/4	25,655	3 1/4	35,964	3 1/4	46,308	3 1/4	56,648	3 1/4	66,990	3 1/4	77,332	3 1/4	87,674	3 1/4	98,016
7	5,191	7	15,533	7	25,869	7	36,180	7	46,521	7	56,863	7	67,205	7	77,547	7	87,889	7	98,231
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	77,763	1 1/4	88,105	1 1/4	98,447
1 1/2	5,622	1 1/2	15,964	1 1/2	26,298	1 1/2	36,610	1 1/2	46,952	1 1/2	57,294	1 1/2	67,636	1 1/2	77,978	1 1/2	88,320	1 1/2	98,662
3 1/4	5,838	3 1/4	16,179	3 1/4	26,513	3 1/4	36,828	3 1/4	47,168	3 1/4	57,510	3 1/4	67,852	3 1/4	78,194	3 1/4	88,536	3 1/4	98,877
8	6,053	8	16,394	8	26,727	8	37,043	8	47,383	8	57,725	8	68,067	8	78,409	8	88,751	8	99,093
1 1/4	6,268	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	88,966	1 1/4	99,308
1 1/2	6,484	1 1/2	16,825	1 1/2	27,158	1 1/2	37,472	1 1/2	47,814	1 1/2	58,156	1 1/2	68,498	1 1/2	78,840	1 1/2	89,182	1 1/2	99,524
3 1/4	6,699	3 1/4	17,041	3 1/4	27,371	3 1/4	37,686	3 1/4	48,030	3 1/4	58,372	3 1/4	68,713	3 1/4	79,055	3 1/4	89,367	3 1/4	99,739
8	6,915	8	17,256	8	27,585	8	37,903	8	48,245	8	58,587	8	68,929	8	79,271	8	89,613	8	99,955
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	58,802	1 1/4	69,144	1 1/4	79,486	1 1/4	89,828	1 1/4	100,170
1 1/2	7,346	1 1/2	17,687	1 1/2	28,014	1 1/2	38,334	1 1/2	48,670	1 1/2	59,018	1 1/2	69,380	1 1/2	79,702	1 1/2	90,044	1 1/2	100,386
3 1/4	7,561	3 1/4	17,903	3 1/4	28,229	3 1/4	38,550	3 1/4	48,891	3 1/4	59,233	3 1/4	69,575	3 1/4	79,817	3 1/4	90,259	3 1/4	100,601
10	7,777	10	18,118	10	28,443	10	38,765	10	49,107	10	59,449	10	69,791	10	80,133	10	90,475	10	100,817
1 1/4	7,992	1 1/4	18,334	1 1/4	28,658	1 1/4	38,980	1 1/4	49,322	1 1/4	59,684	1 1/4	70,006	1 1/4	80,348	1 1/4	90,690	1 1/4	101,032
1 1/2	8,207	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	90,906	1 1/2	101,247
3 1/4	8,423	3 1/4	18,764	3 1/4	29,087	3 1/4	39,411	3 1/4	49,753	3 1/4	60,095	3 1/4	70,437	3 1/4	80,779	3 1/4	91,121	3 1/4	101,463
11	8,638	11	18,980	11	29,301	11	39,627	11	49,969	11	60,311	11	70,653	11	80,995	11	91,338	11	101,678
1 1/4	8,854	1 1/4	19,195	1 1/4	29,516	1 1/4	39,842	1 1/4	50,184	1 1/4	60,526	1 1/4	70,868	1 1/4	81,210	1 1/4	91,552	1 1/4	101,894
1 1/2	9,069	1 1/2	19,411	1 1/2	29,730	1 1/2	40,058	1 1/2	50,400	1 1/2	60,742	1 1/2	71,084	1 1/2	81,425	1 1/2	91,767	1 1/2	102,109
3 1/4	9,285	3 1/4	19,626	3 1/4	29,945	3 1/4	40,273	3 1/4	50,615	3 1/4	60,957	3 1/4	71,290	3 1/4	81,641	3 1/4	91,983	3 1/4	102,325

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2682
 Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE "IB 1306"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 7/8"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN
0	102,540	0	112,882	0	123,224	0	133,566	0	143,908	0	154,132	0		0		0		0		0
1/4	102,756	1/4	113,098	1/4	123,440	1/4	133,781	1/4	144,123	1/4	154,258	1/4		1/4		1/4		1/4		1/4
1/2	102,971	1/2	113,313	1/2	123,655	1/2	133,997	1/2	144,339	1/2	154,383	1/2		1/2		1/2		1/2		1/2
3/4	103,187	3/4	113,529	3/4	123,870	3/4	134,212	3/4	144,554	3/4	154,509	3/4		3/4		3/4		3/4		3/4
1	103,402	1	113,744	1	124,086	1	134,428	1	144,770	1	154,635	1		1		1		1		1
1 1/4	103,618	1 1/4	113,959	1 1/4	124,301	1 1/4	134,643	1 1/4	144,985	1 1/4	154,693	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4
1 1/2	103,833	1 1/2	114,175	1 1/2	124,517	1 1/2	134,859	1 1/2	145,201	1 1/2	154,751	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2
3/2	104,048	3/2	114,390	3/2	124,732	3/2	135,074	3/2	145,416	3/2	154,810	3/2		3/2		3/2		3/2		3/2
2	104,264	2	114,606	2	124,948	2	135,290	2	145,632	2	154,868	2		2		2		2		2
2 1/4	104,479	2 1/4	114,821	2 1/4	125,163	2 1/4	135,505	2 1/4	145,847	2 1/4	154,886	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4
2 1/2	104,695	2 1/2	115,037	2 1/2	125,379	2 1/2	135,721	2 1/2	146,063	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2		2 1/2
3/2	104,910	3/2	115,252	3/2	125,594	3/2	135,936	3/2	146,278	3/2		3/2		3/2		3/2		3/2		3/2
3	105,126	3	115,468	3	125,810	3	136,152	3	146,493	3		3		3		3		3		3
3 1/4	105,341	3 1/4	115,683	3 1/4	126,025	3 1/4	136,367	3 1/4	146,709	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4		3 1/4
3 1/2	105,557	3 1/2	115,899	3 1/2	126,240	3 1/2	136,582	3 1/2	146,924	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2		3 1/2
3/2	105,772	3/2	116,114	3/2	126,456	3/2	136,798	3/2	147,140	3/2		3/2		3/2		3/2		3/2		3/2
4	105,988	4	116,329	4	126,671	4	137,013	4	147,355	4		4		4		4		4		4
4 1/4	106,203	4 1/4	116,545	4 1/4	126,887	4 1/4	137,229	4 1/4	147,571	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4		4 1/4
4 1/2	106,418	4 1/2	116,760	4 1/2	127,102	4 1/2	137,444	4 1/2	147,788	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2		4 1/2
3/2	106,634	3/2	116,976	3/2	127,318	3/2	137,660	3/2	148,002	3/2		3/2		3/2		3/2		3/2		3/2
5	106,849	5	117,191	5	127,533	5	137,875	5	148,217	5		5		5		5		5		5
5 1/4	107,065	5 1/4	117,407	5 1/4	127,749	5 1/4	138,091	5 1/4	148,433	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4		5 1/4
5 1/2	107,280	5 1/2	117,622	5 1/2	127,964	5 1/2	138,306	5 1/2	148,648	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2		5 1/2
3/2	107,496	3/2	117,838	3/2	128,180	3/2	138,522	3/2	148,863	3/2		3/2		3/2		3/2		3/2		3/2
6	107,711	6	118,053	6	128,395	6	138,737	6	149,079	6		6		6		6		6		6
6 1/4	107,927	6 1/4	118,269	6 1/4	128,611	6 1/4	138,952	6 1/4	149,294	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4		6 1/4
6 1/2	108,142	6 1/2	118,484	6 1/2	128,826	6 1/2	139,168	6 1/2	149,510	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2		6 1/2
3/2	108,358	3/2	118,699	3/2	129,041	3/2	139,383	3/2	149,725	3/2		3/2		3/2		3/2		3/2		3/2
7	108,573	7	118,915	7	129,257	7	139,599	7	149,941	7		7		7		7		7		7
7 1/4	108,788	7 1/4	119,130	7 1/4	129,472	7 1/4	139,814	7 1/4	150,156	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4		7 1/4
7 1/2	109,004	7 1/2	119,346	7 1/2	129,688	7 1/2	140,030	7 1/2	150,372	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2		7 1/2
3/2	109,219	3/2	119,561	3/2	129,903	3/2	140,245	3/2	150,587	3/2		3/2		3/2		3/2		3/2		3/2
8	109,435	8	119,777	8	130,119	8	140,461	8	150,803	8		8		8		8		8		8
8 1/4	109,650	8 1/4	119,992	8 1/4	130,334	8 1/4	140,676	8 1/4	151,018	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4		8 1/4
8 1/2	109,865	8 1/2	120,208	8 1/2	130,550	8 1/2	140,892	8 1/2	151,233	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2		8 1/2
3/2	110,081	3/2	120,423	3/2	130,765	3/2	141,107	3/2	151,449	3/2		3/2		3/2		3/2		3/2		3/2
9	110,297	9	120,639	9	130,981	9	141,322	9	151,664	9		9		9		9		9		9
9 1/4	110,512	9 1/4	120,854	9 1/4	131,196	9 1/4	141,538	9 1/4	151,879	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4		9 1/4
9 1/2	110,728	9 1/2	121,070	9 1/2	131,411	9 1/2	141,753	9 1/2	152,094	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2		9 1/2
3/2	110,943	3/2	121,285	3/2	131,627	3/2	141,969	3/2	152,309	3/2		3/2		3/2		3/2		3/2		3/2
10	111,159	10	121,500	10	131,842	10	142,184	10	152,524	10		10		10		10		10		10
10 1/4	111,374	10 1/4	121,716	10 1/4	132,058	10 1/4	142,400	10 1/4	152,736	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4		10 1/4
10 1/2	111,589	10 1/2	121,931	10 1/2	132,273	10 1/2	142,615	10 1/2	152,949	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2		10 1/2
3/2	111,805	3/2	122,147	3/2	132,489	3/2	142,831	3/2	153,161	3/2		3/2		3/2		3/2		3/2		3/2
11	112,020	11	122,362	11	132,704	11	143,046	11	153,373	11		11		11		11		11		11
11 1/4	112,236	11 1/4	122,578	11 1/4	132,920	11 1/4	143,262	11 1/4	153,583	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4		11 1/4
11 1/2	112,451	11 1/2	122,793	11 1/2	133,135	11 1/2	143,477	11 1/2	153,752	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2		11 1/2
3/2	112,667	3/2	123,009	3/2	133,351	3/2	143,692	3/2	153,942	3/2		3/2		3/2		3/2		3/2		3/2

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/20/2019 CL
CALCULATED: 08/26/2019 CL
PRINTED: 08/27/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

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