

Gallens



BARGE "IB 1324" 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	00-1/4	- 00-1/4
2 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 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 21, 2020

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

<http://www.pmacorp.net>



BARGE "IB 1324"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	230	0	11,073	0	22,960	0	34,836	0	46,374	0	58,230	0	70,104	0	81,931	0	93,801	0	105,671
1/4	304	1/4	11,321	1/4	23,208	1/4	34,874	1/4	46,621	1/4	58,486	1/4	70,351	1/4	82,179	1/4	94,049	1/4	105,919
1/2	378	1/2	11,569	1/2	23,455	1/2	35,113	1/2	46,868	1/2	58,733	1/2	70,599	1/2	82,428	1/2	94,298	1/2	106,168
3/4	453	3/4	11,817	3/4	23,702	3/4	35,351	3/4	47,115	3/4	58,981	3/4	70,846	3/4	82,673	3/4	94,543	3/4	106,413
1	527	1	12,064	1	23,950	1	35,599	1	47,363	1	59,228	1	71,093	1	82,921	1	94,791	1	106,661
1 1/4	601	1 1/4	12,312	1 1/4	24,197	1 1/4	35,829	1 1/4	47,610	1 1/4	59,475	1 1/4	71,340	1 1/4	83,168	1 1/4	95,038	1 1/4	106,908
1 1/2	675	1 1/2	12,560	1 1/2	24,444	1 1/2	36,088	1 1/2	47,857	1 1/2	59,722	1 1/2	71,587	1 1/2	83,415	1 1/2	95,285	1 1/2	107,158
3/4	1,037	3/4	12,808	3/4	24,692	3/4	36,306	3/4	48,104	3/4	59,969	3/4	71,834	3/4	83,663	3/4	95,532	3/4	107,402
2	1,207	2	13,056	2	24,939	2	36,545	2	48,351	2	60,217	2	72,081	2	83,910	2	95,780	2	107,650
1 1/4	1,444	1 1/4	13,304	1 1/4	25,186	1 1/4	36,784	1 1/4	48,599	1 1/4	60,464	1 1/4	72,327	1 1/4	84,157	1 1/4	96,027	1 1/4	107,897
1 1/2	1,681	1 1/2	13,551	1 1/2	25,434	1 1/2	37,023	1 1/2	48,846	1 1/2	60,711	1 1/2	72,573	1 1/2	84,404	1 1/2	96,274	1 1/2	108,144
3/4	1,918	3/4	13,799	3/4	25,681	3/4	37,261	3/4	49,093	3/4	60,958	3/4	72,820	3/4	84,652	3/4	96,522	3/4	108,392
3	2,156	3	14,047	3	25,928	3	37,500	3	49,340	3	61,205	3	73,066	3	84,899	3	96,769	3	108,639
1 1/4	2,402	1 1/4	14,295	1 1/4	26,176	1 1/4	37,741	1 1/4	49,587	1 1/4	61,453	1 1/4	73,312	1 1/4	85,148	1 1/4	97,016	1 1/4	108,888
1 1/2	2,649	1 1/2	14,543	1 1/2	26,423	1 1/2	37,982	1 1/2	49,834	1 1/2	61,700	1 1/2	73,558	1 1/2	85,394	1 1/2	97,263	1 1/2	109,133
3/4	2,896	3/4	14,790	3/4	26,670	3/4	38,223	3/4	50,082	3/4	61,947	3/4	73,805	3/4	85,641	3/4	97,511	3/4	109,379
4	3,143	4	15,038	4	26,918	4	38,464	4	50,329	4	62,194	4	74,051	4	85,888	4	97,758	4	109,628
1 1/4	3,391	1 1/4	15,286	1 1/4	27,165	1 1/4	38,711	1 1/4	50,576	1 1/4	62,441	1 1/4	74,297	1 1/4	86,135	1 1/4	98,005	1 1/4	109,875
1 1/2	3,638	1 1/2	15,534	1 1/2	27,412	1 1/2	38,958	1 1/2	50,823	1 1/2	62,688	1 1/2	74,543	1 1/2	86,383	1 1/2	98,253	1 1/2	110,123
3/4	3,886	3/4	15,781	3/4	27,660	3/4	39,205	3/4	51,070	3/4	62,936	3/4	74,789	3/4	86,630	3/4	98,500	3/4	110,370
5	4,134	5	16,029	5	27,907	5	39,452	5	51,318	5	63,183	5	75,036	5	86,877	5	98,747	5	110,617
1 1/4	4,381	1 1/4	16,277	1 1/4	28,153	1 1/4	39,700	1 1/4	51,565	1 1/4	63,430	1 1/4	75,282	1 1/4	87,125	1 1/4	98,995	1 1/4	110,864
1 1/2	4,629	1 1/2	16,525	1 1/2	28,399	1 1/2	39,947	1 1/2	51,812	1 1/2	63,677	1 1/2	75,528	1 1/2	87,372	1 1/2	99,242	1 1/2	111,112
3/4	4,877	3/4	16,773	3/4	28,644	3/4	40,194	3/4	52,059	3/4	63,924	3/4	75,774	3/4	87,619	3/4	99,489	3/4	111,359
6	5,125	6	17,020	6	28,890	6	40,441	6	52,305	6	64,172	6	76,021	6	87,866	6	99,736	6	111,605
1 1/4	5,373	1 1/4	17,268	1 1/4	29,131	1 1/4	40,688	1 1/4	52,554	1 1/4	64,419	1 1/4	76,267	1 1/4	88,114	1 1/4	99,984	1 1/4	111,854
1 1/2	5,621	1 1/2	17,516	1 1/2	29,372	1 1/2	40,936	1 1/2	52,801	1 1/2	64,666	1 1/2	76,513	1 1/2	88,361	1 1/2	100,231	1 1/2	112,101
3/4	5,868	3/4	17,764	3/4	29,613	3/4	41,183	3/4	53,048	3/4	64,913	3/4	76,759	3/4	88,608	3/4	100,478	3/4	112,348
7	6,116	7	18,012	7	29,854	7	41,430	7	53,295	7	65,160	7	77,006	7	88,856	7	100,726	7	112,596
1 1/4	6,364	1 1/4	18,260	1 1/4	30,094	1 1/4	41,677	1 1/4	53,542	1 1/4	65,408	1 1/4	77,252	1 1/4	89,103	1 1/4	100,973	1 1/4	112,843
1 1/2	6,612	1 1/2	18,507	1 1/2	30,334	1 1/2	41,924	1 1/2	53,790	1 1/2	65,655	1 1/2	77,498	1 1/2	89,350	1 1/2	101,220	1 1/2	113,090
3/4	6,860	3/4	18,755	3/4	30,575	3/4	42,172	3/4	54,037	3/4	65,902	3/4	77,744	3/4	89,597	3/4	101,467	3/4	113,337
8	7,108	8	19,003	8	30,815	8	42,419	8	54,284	8	66,149	8	77,991	8	89,845	8	101,715	8	113,585
1 1/4	7,355	1 1/4	19,250	1 1/4	31,054	1 1/4	42,666	1 1/4	54,531	1 1/4	66,396	1 1/4	78,237	1 1/4	90,092	1 1/4	101,962	1 1/4	113,832
1 1/2	7,603	1 1/2	19,497	1 1/2	31,292	1 1/2	42,913	1 1/2	54,778	1 1/2	66,644	1 1/2	78,483	1 1/2	90,339	1 1/2	102,209	1 1/2	114,079
3/4	7,851	3/4	19,745	3/4	31,531	3/4	43,160	3/4	55,026	3/4	66,891	3/4	78,729	3/4	90,587	3/4	102,457	3/4	114,327
9	8,099	9	19,992	9	31,770	9	43,407	9	55,273	9	67,138	9	78,976	9	90,834	9	102,704	9	114,574
1 1/4	8,347	1 1/4	20,239	1 1/4	32,009	1 1/4	43,655	1 1/4	55,520	1 1/4	67,385	1 1/4	79,222	1 1/4	91,081	1 1/4	102,951	1 1/4	114,821
1 1/2	8,595	1 1/2	20,487	1 1/2	32,248	1 1/2	43,902	1 1/2	55,767	1 1/2	67,632	1 1/2	79,468	1 1/2	91,329	1 1/2	103,198	1 1/2	115,068
3/4	8,842	3/4	20,734	3/4	32,486	3/4	44,149	3/4	56,014	3/4	67,880	3/4	79,714	3/4	91,576	3/4	103,446	3/4	115,315
10	9,090	10	20,981	10	32,725	10	44,398	10	56,261	10	68,127	10	79,961	10	91,823	10	103,693	10	115,563
1 1/4	9,338	1 1/4	21,229	1 1/4	32,964	1 1/4	44,643	1 1/4	56,509	1 1/4	68,374	1 1/4	80,207	1 1/4	92,070	1 1/4	103,940	1 1/4	115,810
1 1/2	9,586	1 1/2	21,476	1 1/2	33,203	1 1/2	44,891	1 1/2	56,756	1 1/2	68,621	1 1/2	80,453	1 1/2	92,318	1 1/2	104,188	1 1/2	116,057
3/4	9,834	3/4	21,723	3/4	33,441	3/4	45,138	3/4	57,003	3/4	68,868	3/4	80,699	3/4	92,565	3/4	104,435	3/4	116,303
11	10,082	11	21,971	11	33,680	11	45,385	11	57,250	11	69,115	11	80,945	11	92,812	11	104,682	11	116,550
1 1/4	10,330	1 1/4	22,218	1 1/4	33,919	1 1/4	45,632	1 1/4	57,497	1 1/4	69,363	1 1/4	81,192	1 1/4	93,060	1 1/4	104,930	1 1/4	116,797
1 1/2	10,577	1 1/2	22,465	1 1/2	34,158	1 1/2	45,879	1 1/2	57,745	1 1/2	69,610	1 1/2	81,438	1 1/2	93,307	1 1/2	105,177	1 1/2	117,044
3/4	10,825	3/4	22,713	3/4	34,396	3/4	46,127	3/4	57,992	3/4	69,857	3/4	81,685	3/4	93,554	3/4	105,424	3/4	117,291

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
 & ANALYSIS, INC.
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BARGE "IB 1324"

1 CENTER INNAGE TABLE

GAUGE HEIGHT 16'-01 1/2"

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	117,538	0	128,575	0	138,728	0	148,881	0	159,034	0	169,186	0		8		0		0	
1/4	117,785	1/4	128,786	1/4	138,939	1/4	149,092	1/4	159,245	1/4	169,398	1/4		1/4		1/4		1/4	
1/2	118,032	1/2	128,998	1/2	139,151	1/2	149,304	1/2	159,457	1/2	169,549	1/2		1/2		1/2		1/2	
3/4	118,279	3/4	129,210	3/4	139,362	3/4	149,515	3/4	159,668	3/4	169,594	3/4		3/4		3/4		3/4	
1	118,526	1	129,421	1	139,574	1	149,727	1	159,880	1	169,730	1		1		1		1	
1 1/4	118,773	1 1/4	129,633	1 1/4	139,786	1 1/4	149,938	1 1/4	160,091	1 1/4	169,805	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	119,020	1 1/2	129,844	1 1/2	139,997	1 1/2	150,150	1 1/2	160,303	1 1/2	169,872	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	119,267	3/4	130,056	3/4	140,209	3/4	150,362	3/4	160,515	3/4	169,939	3/4		3/4		3/4		3/4	
2	119,514	2	130,267	2	140,420	2	150,573	2	160,726	2	170,006	2		2		2		2	
1 1/4	119,761	1 1/4	130,479	1 1/4	140,632	1 1/4	150,785	1 1/4	160,938	1 1/4	170,027	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	120,008	1 1/2	130,690	1 1/2	140,843	1 1/2	160,998	1 1/2	161,149	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	120,255	3/4	130,902	3/4	141,055	3/4	151,208	3/4	161,361	3/4		3/4		3/4		3/4		3/4	
3	120,501	3	131,113	3	141,266	3	161,419	3	161,572	3		3		3		3		3	
1 1/4	120,748	1 1/4	131,325	1 1/4	141,478	1 1/4	161,631	1 1/4	161,784	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	120,995	1 1/2	131,538	1 1/2	141,689	1 1/2	161,842	1 1/2	161,995	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	121,242	3/4	131,748	3/4	141,901	3/4	162,054	3/4	162,207	3/4		3/4		3/4		3/4		3/4	
4	121,489	4	131,959	4	142,112	4	162,265	4	162,418	4		4		4		4		4	
1 1/4	121,736	1 1/4	132,171	1 1/4	142,324	1 1/4	162,477	1 1/4	162,630	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	121,983	1 1/2	132,382	1 1/2	142,535	1 1/2	162,688	1 1/2	162,841	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	122,230	3/4	132,594	3/4	142,747	3/4	162,900	3/4	163,053	3/4		3/4		3/4		3/4		3/4	
5	122,477	5	132,805	5	142,958	5	163,111	5	163,264	5		5		5		5		5	
1 1/4	122,719	1 1/4	133,017	1 1/4	143,170	1 1/4	163,323	1 1/4	163,476	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	122,962	1 1/2	133,228	1 1/2	143,381	1 1/2	163,534	1 1/2	163,687	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	123,204	3/4	133,440	3/4	143,593	3/4	163,746	3/4	163,899	3/4		3/4		3/4		3/4		3/4	
6	123,447	6	133,651	6	143,804	6	163,957	6	164,110	6		6		6		6		6	
1 1/4	123,671	1 1/4	133,863	1 1/4	144,016	1 1/4	164,169	1 1/4	164,322	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	123,895	1 1/2	134,074	1 1/2	144,227	1 1/2	164,380	1 1/2	164,533	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	124,120	3/4	134,286	3/4	144,439	3/4	164,592	3/4	164,745	3/4		3/4		3/4		3/4		3/4	
7	124,345	7	134,498	7	144,650	7	164,803	7	164,956	7		7		7		7		7	
1 1/4	124,556	1 1/4	134,709	1 1/4	144,862	1 1/4	165,015	1 1/4	165,168	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	124,768	1 1/2	134,921	1 1/2	145,074	1 1/2	165,228	1 1/2	165,379	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	124,979	3/4	135,132	3/4	145,285	3/4	165,438	3/4	165,591	3/4		3/4		3/4		3/4		3/4	
8	125,191	8	135,344	8	145,497	8	165,550	8	165,803	8		8		8		8		8	
1 1/4	125,402	1 1/4	135,555	1 1/4	145,708	1 1/4	165,611	1 1/4	166,014	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	125,614	1 1/2	135,767	1 1/2	145,920	1 1/2	165,673	1 1/2	166,226	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	125,825	3/4	135,978	3/4	146,131	3/4	165,834	3/4	166,437	3/4		3/4		3/4		3/4		3/4	
9	126,037	9	136,190	9	146,343	9	165,995	9	166,648	9		9		9		9		9	
1 1/4	126,248	1 1/4	136,401	1 1/4	146,554	1 1/4	166,107	1 1/4	166,859	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	126,460	1 1/2	136,613	1 1/2	146,766	1 1/2	166,169	1 1/2	167,070	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	126,671	3/4	136,824	3/4	146,977	3/4	166,330	3/4	167,281	3/4		3/4		3/4		3/4		3/4	
10	126,883	10	137,036	10	147,189	10	167,342	10	167,492	10		10		10		10		10	
1 1/4	127,094	1 1/4	137,247	1 1/4	147,400	1 1/4	167,553	1 1/4	167,705	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	127,306	1 1/2	137,459	1 1/2	147,612	1 1/2	167,765	1 1/2	167,917	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	127,517	3/4	137,670	3/4	147,823	3/4	167,976	3/4	168,129	3/4		3/4		3/4		3/4		3/4	
11	127,729	11	137,882	11	148,035	11	168,188	11	168,341	11		11		11		11		11	
1 1/4	127,940	1 1/4	138,093	1 1/4	148,246	1 1/4	168,399	1 1/4	168,546	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	128,152	1 1/2	138,305	1 1/2	148,458	1 1/2	168,611	1 1/2	168,791	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	128,363	3/4	138,516	3/4	148,669	3/4	168,822	3/4	168,955	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/21/2020 JS
CALCULATED: 04/21/2020 CL
PRINTED: 04/21/2020 CL

CANCELLED AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1324"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 18'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	74	0	9,445	0	19,725	0	29,847	0	40,034	0	50,316	0	60,597	0	70,878	0	81,159	0	91,440
1/4	138	1/4	9,659	1/4	19,940	1/4	30,055	1/4	40,249	1/4	50,530	1/4	60,811	1/4	71,092	1/4	81,373	1/4	91,655
1/2	202	1/2	9,873	1/2	20,154	1/2	30,263	1/2	40,463	1/2	50,744	1/2	61,025	1/2	71,306	1/2	81,588	1/2	91,869
3/4	266	3/4	10,087	3/4	20,368	3/4	30,471	3/4	40,677	3/4	50,958	3/4	61,239	3/4	71,521	3/4	81,802	3/4	92,083
1	331	1	10,301	1	20,582	1	30,679	1	40,891	1	51,172	1	61,454	1	71,735	1	82,016	1	92,297
1 1/4	478	1 1/4	10,516	1 1/4	20,798	1 1/4	30,887	1 1/4	41,105	1 1/4	51,387	1 1/4	61,668	1 1/4	71,949	1 1/4	82,230	1 1/4	92,511
1 1/2	625	1 1/2	10,730	1 1/2	21,010	1 1/2	31,095	1 1/2	41,320	1 1/2	51,601	1 1/2	61,882	1 1/2	72,163	1 1/2	82,444	1 1/2	92,725
1 3/4	771	1 3/4	10,944	1 3/4	21,225	1 3/4	31,303	1 3/4	41,534	1 3/4	51,815	1 3/4	62,096	1 3/4	72,377	1 3/4	82,659	1 3/4	92,940
2	918	2	11,158	2	21,439	2	31,511	2	41,748	2	52,029	2	62,310	2	72,592	2	82,873	2	93,154
2 1/4	1,123	2 1/4	11,372	2 1/4	21,653	2 1/4	31,718	2 1/4	41,962	2 1/4	52,243	2 1/4	62,525	2 1/4	72,806	2 1/4	83,087	2 1/4	93,368
2 1/2	1,328	2 1/2	11,586	2 1/2	21,867	2 1/2	31,926	2 1/2	42,176	2 1/2	52,468	2 1/2	62,739	2 1/2	73,020	2 1/2	83,301	2 1/2	93,582
2 3/4	1,533	2 3/4	11,801	2 3/4	22,081	2 3/4	32,134	2 3/4	42,381	2 3/4	52,672	2 3/4	62,953	2 3/4	73,234	2 3/4	83,515	2 3/4	93,797
3	1,738	3	12,015	3	22,296	3	32,342	3	42,505	3	52,886	3	63,167	3	73,448	3	83,730	3	94,011
3 1/4	1,951	3 1/4	12,229	3 1/4	22,510	3 1/4	32,552	3 1/4	42,819	3 1/4	53,100	3 1/4	63,381	3 1/4	73,663	3 1/4	83,944	3 1/4	94,225
3 1/2	2,165	3 1/2	12,443	3 1/2	22,724	3 1/2	32,761	3 1/2	43,033	3 1/2	53,314	3 1/2	63,596	3 1/2	73,877	3 1/2	84,158	3 1/2	94,439
3 3/4	2,378	3 3/4	12,657	3 3/4	22,938	3 3/4	32,971	3 3/4	43,247	3 3/4	53,529	3 3/4	63,810	3 3/4	74,091	3 3/4	84,372	3 3/4	94,653
4	2,592	4	12,872	4	23,152	4	33,180	4	43,461	4	53,743	4	64,024	4	74,305	4	84,586	4	94,868
4 1/4	2,806	4 1/4	13,086	4 1/4	23,367	4 1/4	33,394	4 1/4	43,678	4 1/4	53,957	4 1/4	64,238	4 1/4	74,519	4 1/4	84,801	4 1/4	95,082
4 1/2	3,020	4 1/2	13,300	4 1/2	23,581	4 1/2	33,609	4 1/2	43,890	4 1/2	54,171	4 1/2	64,452	4 1/2	74,734	4 1/2	85,015	4 1/2	95,293
4 3/4	3,234	4 3/4	13,514	4 3/4	23,795	4 3/4	33,823	4 3/4	44,104	4 3/4	54,385	4 3/4	64,666	4 3/4	74,948	4 3/4	85,229	4 3/4	95,510
5	3,448	5	13,728	5	24,009	5	34,037	5	44,318	5	54,609	5	64,881	5	75,162	5	85,443	5	95,724
5 1/4	3,662	5 1/4	13,942	5 1/4	24,222	5 1/4	34,251	5 1/4	44,532	5 1/4	54,814	5 1/4	65,095	5 1/4	75,376	5 1/4	85,657	5 1/4	95,939
5 1/2	3,876	5 1/2	14,157	5 1/2	24,434	5 1/2	34,465	5 1/2	44,747	5 1/2	55,028	5 1/2	65,309	5 1/2	75,590	5 1/2	85,871	5 1/2	96,153
5 3/4	4,090	5 3/4	14,371	5 3/4	24,647	5 3/4	34,680	5 3/4	44,961	5 3/4	55,242	5 3/4	65,523	5 3/4	75,804	5 3/4	86,086	5 3/4	96,367
6	4,304	6	14,585	6	24,859	6	34,894	6	45,175	6	55,456	6	65,737	6	76,019	6	86,300	6	96,581
6 1/4	4,518	6 1/4	14,799	6 1/4	25,067	6 1/4	35,108	6 1/4	45,389	6 1/4	55,670	6 1/4	65,952	6 1/4	76,233	6 1/4	86,514	6 1/4	96,795
6 1/2	4,733	6 1/2	15,013	6 1/2	25,275	6 1/2	35,322	6 1/2	45,603	6 1/2	55,885	6 1/2	66,166	6 1/2	76,447	6 1/2	86,728	6 1/2	97,009
6 3/4	4,947	6 3/4	15,228	6 3/4	25,482	6 3/4	35,536	6 3/4	45,818	6 3/4	56,099	6 3/4	66,380	6 3/4	76,661	6 3/4	86,942	6 3/4	97,224
7	5,161	7	15,442	7	25,690	7	35,751	7	46,032	7	56,313	7	66,594	7	76,875	7	87,157	7	97,438
7 1/4	5,375	7 1/4	15,656	7 1/4	25,898	7 1/4	35,965	7 1/4	46,246	7 1/4	56,527	7 1/4	66,808	7 1/4	77,090	7 1/4	87,371	7 1/4	97,652
7 1/2	5,589	7 1/2	15,870	7 1/2	26,105	7 1/2	36,179	7 1/2	46,460	7 1/2	56,741	7 1/2	67,023	7 1/2	77,304	7 1/2	87,585	7 1/2	97,866
7 3/4	5,804	7 3/4	16,084	7 3/4	26,313	7 3/4	36,393	7 3/4	46,674	7 3/4	56,956	7 3/4	67,237	7 3/4	77,518	7 3/4	87,799	7 3/4	98,080
8	6,018	8	16,298	8	26,521	8	36,607	8	46,889	8	57,170	8	67,451	8	77,732	8	88,013	8	98,295
8 1/4	6,232	8 1/4	16,513	8 1/4	26,729	8 1/4	36,822	8 1/4	47,103	8 1/4	57,384	8 1/4	67,665	8 1/4	77,948	8 1/4	88,228	8 1/4	98,509
8 1/2	6,446	8 1/2	16,727	8 1/2	26,937	8 1/2	37,036	8 1/2	47,317	8 1/2	57,598	8 1/2	67,879	8 1/2	78,161	8 1/2	88,442	8 1/2	98,723
8 3/4	6,660	8 3/4	16,941	8 3/4	27,145	8 3/4	37,250	8 3/4	47,531	8 3/4	57,812	8 3/4	68,094	8 3/4	78,375	8 3/4	88,656	8 3/4	98,937
9	6,874	9	17,155	9	27,352	9	37,464	9	47,745	9	58,027	9	68,308	9	78,589	9	88,870	9	99,151
9 1/4	7,089	9 1/4	17,369	9 1/4	27,560	9 1/4	37,678	9 1/4	47,980	9 1/4	58,241	9 1/4	68,522	9 1/4	78,803	9 1/4	89,084	9 1/4	99,368
9 1/2	7,303	9 1/2	17,584	9 1/2	27,768	9 1/2	37,892	9 1/2	48,174	9 1/2	58,455	9 1/2	68,736	9 1/2	79,017	9 1/2	89,299	9 1/2	99,580
9 3/4	7,517	9 3/4	17,798	9 3/4	27,976	9 3/4	38,107	9 3/4	48,388	9 3/4	58,699	9 3/4	68,950	9 3/4	79,232	9 3/4	89,513	9 3/4	99,794
10	7,731	10	18,012	10	28,184	10	38,321	10	48,602	10	58,883	10	69,165	10	79,446	10	89,727	10	100,008
10 1/4	7,945	10 1/4	18,226	10 1/4	28,392	10 1/4	38,535	10 1/4	48,816	10 1/4	59,097	10 1/4	69,379	10 1/4	79,660	10 1/4	89,941	10 1/4	100,222
10 1/2	8,160	10 1/2	18,440	10 1/2	28,600	10 1/2	38,749	10 1/2	49,030	10 1/2	59,312	10 1/2	69,593	10 1/2	79,874	10 1/2	90,155	10 1/2	100,437
10 3/4	8,374	10 3/4	18,654	10 3/4	28,808	10 3/4	38,963	10 3/4	49,245	10 3/4	59,526	10 3/4	69,807	10 3/4	80,088	10 3/4	90,370	10 3/4	100,651
11	8,588	11	18,869	11	29,016	11	39,178	11	49,459	11	59,740	11	70,021	11	80,302	11	90,584	11	100,865
11 1/4	8,802	11 1/4	19,083	11 1/4	29,224	11 1/4	39,392	11 1/4	49,673	11 1/4	59,954	11 1/4	70,235	11 1/4	80,517	11 1/4	90,798	11 1/4	101,079
11 1/2	9,016	11 1/2	19,297	11 1/2	29,431	11 1/2	39,606	11 1/2	49,887	11 1/2	60,168	11 1/2	70,450	11 1/2	80,731	11 1/2	91,012	11 1/2	101,293
11 3/4	9,230	11 3/4	19,511	11 3/4	29,639	11 3/4	39,820	11 3/4	50,101	11 3/4	60,383	11 3/4	70,664	11 3/4	80,945	11 3/4	91,226	11 3/4	101,507

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 23'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "IB 1324"

2 CENTER INNAGE TABLE

GAUGE HEIGHT 16'-01 3/4"

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	101,722	0	112,003	0	122,284	0	132,565	0	142,847	0	153,010	0		0		0		0	
1/4	101,936	1/4	112,217	1/4	122,498	1/4	132,780	1/4	143,061	1/4	153,135	1/4		1/4		1/4		1/4	
1/2	102,150	1/2	112,431	1/2	122,712	1/2	132,994	1/2	143,275	1/2	153,280	1/2		1/2		1/2		1/2	
3/4	102,364	3/4	112,645	3/4	122,927	3/4	133,208	3/4	143,489	3/4	153,385	3/4		3/4		3/4		3/4	
1	102,578	1	112,860	1	123,141	1	133,422	1	143,703	1	153,510	1		1		1		1	
1 1/4	102,793	1 1/4	113,074	1 1/4	123,355	1 1/4	133,636	1 1/4	143,917	1 1/4	153,588	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	103,007	1 1/2	113,288	1 1/2	123,569	1 1/2	133,850	1 1/2	144,132	1 1/2	153,626	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	103,221	1 3/4	113,502	1 3/4	123,783	1 3/4	134,065	1 3/4	144,346	1 3/4	153,684	1 3/4		1 3/4		1 3/4		1 3/4	
2	103,435	2	113,716	2	123,998	2	134,279	2	144,560	2	153,742	2		2		2		2	
2 1/4	103,649	2 1/4	113,931	2 1/4	124,212	2 1/4	134,493	2 1/4	144,774	2 1/4	153,780	2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	103,864	2 1/2	114,145	2 1/2	124,426	2 1/2	134,707	2 1/2	144,988	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	104,078	2 3/4	114,359	2 3/4	124,640	2 3/4	134,921	2 3/4	145,203	2 3/4		2 3/4		2 3/4		2 3/4		2 3/4	
3	104,292	3	114,573	3	124,854	3	135,135	3	145,417	3		3		3		3		3	
3 1/4	104,506	3 1/4	114,787	3 1/4	125,069	3 1/4	135,350	3 1/4	145,631	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	104,720	3 1/2	115,002	3 1/2	125,283	3 1/2	135,564	3 1/2	145,845	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	104,935	3 3/4	115,216	3 3/4	125,497	3 3/4	135,778	3 3/4	146,059	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	105,149	4	115,430	4	125,711	4	135,992	4	146,274	4		4		4		4		4	
4 1/4	105,363	4 1/4	115,644	4 1/4	125,925	4 1/4	136,207	4 1/4	146,488	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	105,577	4 1/2	115,858	4 1/2	126,140	4 1/2	136,421	4 1/2	146,702	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	105,791	4 3/4	116,073	4 3/4	126,354	4 3/4	136,635	4 3/4	146,916	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	106,006	5	116,287	5	126,568	5	136,849	5	147,130	5		5		5		5		5	
5 1/4	106,220	5 1/4	116,501	5 1/4	126,782	5 1/4	137,063	5 1/4	147,345	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	106,434	5 1/2	116,715	5 1/2	126,996	5 1/2	137,278	5 1/2	147,559	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	106,648	5 3/4	116,929	5 3/4	127,211	5 3/4	137,492	5 3/4	147,773	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	106,862	6	117,143	6	127,425	6	137,706	6	147,987	6		6		6		6		6	
6 1/4	107,076	6 1/4	117,358	6 1/4	127,639	6 1/4	137,920	6 1/4	148,201	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	107,291	6 1/2	117,572	6 1/2	127,853	6 1/2	138,134	6 1/2	148,416	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	107,505	6 3/4	117,786	6 3/4	128,067	6 3/4	138,348	6 3/4	148,630	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	107,719	7	118,000	7	128,281	7	138,563	7	148,844	7		7		7		7		7	
7 1/4	107,933	7 1/4	118,214	7 1/4	128,496	7 1/4	138,777	7 1/4	149,058	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	108,147	7 1/2	118,429	7 1/2	128,710	7 1/2	138,991	7 1/2	149,272	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	108,362	7 3/4	118,643	7 3/4	128,924	7 3/4	139,205	7 3/4	149,486	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	108,576	8	118,857	8	129,138	8	139,419	8	149,701	8		8		8		8		8	
8 1/4	108,790	8 1/4	119,071	8 1/4	129,352	8 1/4	139,634	8 1/4	149,915	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	109,004	8 1/2	119,285	8 1/2	129,567	8 1/2	139,848	8 1/2	150,129	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	109,218	8 3/4	119,500	8 3/4	129,781	8 3/4	140,062	8 3/4	150,343	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	109,433	9	119,714	9	129,995	9	140,276	9	150,557	9		9		9		9		9	
9 1/4	109,647	9 1/4	119,928	9 1/4	130,209	9 1/4	140,490	9 1/4	150,771	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	109,861	9 1/2	120,142	9 1/2	130,423	9 1/2	140,705	9 1/2	150,985	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	110,075	9 3/4	120,356	9 3/4	130,638	9 3/4	140,919	9 3/4	151,198	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	110,289	10	120,571	10	130,852	10	141,133	10	151,412	10		10		10		10		10	
10 1/4	110,504	10 1/4	120,785	10 1/4	131,066	10 1/4	141,347	10 1/4	151,623	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	110,718	10 1/2	120,999	10 1/2	131,280	10 1/2	141,561	10 1/2	151,834	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	110,932	10 3/4	121,213	10 3/4	131,494	10 3/4	141,776	10 3/4	152,045	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	111,146	11	121,427	11	131,709	11	141,990	11	152,256	11		11		11		11		11	
11 1/4	111,360	11 1/4	121,642	11 1/4	131,923	11 1/4	142,204	11 1/4	152,444	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	111,575	11 1/2	121,856	11 1/2	132,137	11 1/2	142,418	11 1/2	152,633	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	111,789	11 3/4	122,070	11 3/4	132,351	11 3/4	142,632	11 3/4	152,822	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/21/2020 JS
CALCULATED: 04/21/2020 CL
PRINTED: 04/21/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1324"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	74	0	9,506	0	19,853	0	30,176	0	40,512	0	50,860	0	61,208	0	71,556	0	81,903	0	92,251
1/4	139	1/4	9,721	1/4	20,069	1/4	30,391	1/4	40,726	1/4	51,075	1/4	61,423	1/4	71,771	1/4	82,119	1/4	92,467
1/2	203	1/2	9,937	1/2	20,284	1/2	30,608	1/2	40,943	1/2	51,291	1/2	61,639	1/2	71,987	1/2	82,335	1/2	92,682
3/4	268	3/4	10,152	3/4	20,500	3/4	30,820	3/4	41,159	3/4	51,507	3/4	61,854	3/4	72,202	3/4	82,550	3/4	92,898
1	333	1	10,368	1	20,715	1	31,035	1	41,374	1	51,722	1	62,070	1	72,418	1	82,766	1	93,114
1 1/4	480	1 1/4	10,583	1 1/4	20,931	1 1/4	31,250	1 1/4	41,580	1 1/4	51,938	1 1/4	62,286	1 1/4	72,633	1 1/4	82,981	1 1/4	93,329
1 1/2	628	1 1/2	10,799	1 1/2	21,146	1 1/2	31,464	1 1/2	41,805	1 1/2	52,153	1 1/2	62,501	1 1/2	72,849	1 1/2	83,197	1 1/2	93,545
1 3/4	776	1 3/4	11,015	1 3/4	21,362	1 3/4	31,679	1 3/4	42,021	1 3/4	52,369	1 3/4	62,717	1 3/4	73,065	1 3/4	83,413	1 3/4	93,760
2	924	2	11,230	2	21,578	2	31,894	2	42,237	2	52,584	2	62,932	2	73,280	2	83,628	2	93,976
2 1/4	1,130	2 1/4	11,446	2 1/4	21,793	2 1/4	32,108	2 1/4	42,452	2 1/4	52,800	2 1/4	63,148	2 1/4	73,496	2 1/4	83,844	2 1/4	94,192
2 1/2	1,337	2 1/2	11,661	2 1/2	22,009	2 1/2	32,323	2 1/2	42,666	2 1/2	53,018	2 1/2	63,363	2 1/2	73,711	2 1/2	84,059	2 1/2	94,407
2 3/4	1,543	2 3/4	11,877	2 3/4	22,224	2 3/4	32,538	2 3/4	42,883	2 3/4	53,231	2 3/4	63,579	2 3/4	73,927	2 3/4	84,275	2 3/4	94,623
3	1,749	3	12,092	3	22,440	3	32,753	3	43,099	3	53,447	3	63,795	3	74,143	3	84,490	3	94,838
3 1/4	1,954	3 1/4	12,308	3 1/4	22,656	3 1/4	32,968	3 1/4	43,314	3 1/4	53,662	3 1/4	64,010	3 1/4	74,358	3 1/4	84,706	3 1/4	95,054
3 1/2	2,179	3 1/2	12,524	3 1/2	22,871	3 1/2	33,183	3 1/2	43,530	3 1/2	53,878	3 1/2	64,228	3 1/2	74,574	3 1/2	84,922	3 1/2	95,269
3 3/4	2,393	3 3/4	12,738	3 3/4	23,087	3 3/4	33,398	3 3/4	43,746	3 3/4	54,094	3 3/4	64,441	3 3/4	74,789	3 3/4	85,137	3 3/4	95,485
4	2,608	4	12,955	4	23,302	4	33,613	4	43,961	4	54,309	4	64,657	4	75,005	4	85,353	4	95,701
4 1/4	2,823	4 1/4	13,170	4 1/4	23,518	4 1/4	33,829	4 1/4	44,177	4 1/4	54,525	4 1/4	64,873	4 1/4	75,220	4 1/4	85,568	4 1/4	95,916
4 1/2	3,039	4 1/2	13,386	4 1/2	23,733	4 1/2	34,045	4 1/2	44,392	4 1/2	54,740	4 1/2	65,088	4 1/2	75,438	4 1/2	85,784	4 1/2	96,132
4 3/4	3,254	4 3/4	13,601	4 3/4	23,949	4 3/4	34,260	4 3/4	44,608	4 3/4	54,956	4 3/4	65,304	4 3/4	75,652	4 3/4	85,999	4 3/4	96,347
5	3,470	5	13,817	5	24,164	5	34,476	5	44,824	5	55,171	5	65,519	5	75,867	5	86,215	5	96,563
5 1/4	3,685	5 1/4	14,033	5 1/4	24,380	5 1/4	34,691	5 1/4	45,039	5 1/4	55,387	5 1/4	65,735	5 1/4	76,083	5 1/4	86,431	5 1/4	96,779
5 1/2	3,901	5 1/2	14,248	5 1/2	24,595	5 1/2	34,907	5 1/2	45,255	5 1/2	55,603	5 1/2	65,950	5 1/2	76,298	5 1/2	86,646	5 1/2	96,994
5 3/4	4,116	5 3/4	14,464	5 3/4	24,810	5 3/4	35,122	5 3/4	45,470	5 3/4	55,818	5 3/4	66,168	5 3/4	76,514	5 3/4	86,862	5 3/4	97,210
6	4,332	6	14,679	6	25,026	6	35,338	6	45,686	6	56,034	6	66,382	6	76,730	6	87,077	6	97,425
6 1/4	4,547	6 1/4	14,895	6 1/4	25,240	6 1/4	35,554	6 1/4	45,901	6 1/4	56,249	6 1/4	66,597	6 1/4	76,945	6 1/4	87,293	6 1/4	97,641
6 1/2	4,763	6 1/2	15,110	6 1/2	25,455	6 1/2	35,769	6 1/2	46,117	6 1/2	56,465	6 1/2	66,813	6 1/2	77,161	6 1/2	87,509	6 1/2	97,858
6 3/4	4,979	6 3/4	15,326	6 3/4	25,670	6 3/4	35,985	6 3/4	46,333	6 3/4	56,680	6 3/4	67,028	6 3/4	77,376	6 3/4	87,724	6 3/4	98,072
7	5,194	7	15,542	7	25,884	7	36,200	7	46,548	7	56,896	7	67,244	7	77,592	7	87,940	7	98,288
7 1/4	5,410	7 1/4	15,757	7 1/4	26,099	7 1/4	36,416	7 1/4	46,764	7 1/4	57,112	7 1/4	67,460	7 1/4	77,807	7 1/4	88,155	7 1/4	98,503
7 1/2	5,625	7 1/2	15,973	7 1/2	26,313	7 1/2	36,631	7 1/2	46,979	7 1/2	57,327	7 1/2	67,675	7 1/2	78,023	7 1/2	88,371	7 1/2	98,719
7 3/4	5,841	7 3/4	16,188	7 3/4	26,528	7 3/4	36,847	7 3/4	47,195	7 3/4	57,543	7 3/4	67,891	7 3/4	78,239	7 3/4	88,586	7 3/4	98,934
8	6,056	8	16,404	8	26,743	8	37,063	8	47,411	8	57,758	8	68,106	8	78,454	8	88,802	8	99,150
8 1/4	6,272	8 1/4	16,619	8 1/4	26,957	8 1/4	37,278	8 1/4	47,626	8 1/4	57,974	8 1/4	68,322	8 1/4	78,670	8 1/4	89,018	8 1/4	99,365
8 1/2	6,488	8 1/2	16,835	8 1/2	27,172	8 1/2	37,494	8 1/2	47,842	8 1/2	58,190	8 1/2	68,537	8 1/2	78,885	8 1/2	89,233	8 1/2	99,581
8 3/4	6,703	8 3/4	17,051	8 3/4	27,387	8 3/4	37,709	8 3/4	48,057	8 3/4	58,405	8 3/4	68,753	8 3/4	79,101	8 3/4	89,449	8 3/4	99,797
9	6,919	9	17,266	9	27,601	9	37,925	9	48,273	9	58,621	9	68,969	9	79,316	9	89,664	9	100,012
9 1/4	7,134	9 1/4	17,482	9 1/4	27,816	9 1/4	38,141	9 1/4	48,488	9 1/4	58,836	9 1/4	69,184	9 1/4	79,532	9 1/4	89,880	9 1/4	100,228
9 1/2	7,350	9 1/2	17,697	9 1/2	28,030	9 1/2	38,356	9 1/2	48,704	9 1/2	59,052	9 1/2	69,400	9 1/2	79,748	9 1/2	90,096	9 1/2	100,443
9 3/4	7,565	9 3/4	17,913	9 3/4	28,245	9 3/4	38,572	9 3/4	48,920	9 3/4	59,267	9 3/4	69,615	9 3/4	79,963	9 3/4	90,311	9 3/4	100,659
10	7,781	10	18,128	10	28,460	10	38,787	10	49,135	10	59,483	10	69,831	10	80,179	10	90,527	10	100,875
10 1/4	7,997	10 1/4	18,344	10 1/4	28,674	10 1/4	38,993	10 1/4	49,351	10 1/4	59,699	10 1/4	70,047	10 1/4	80,384	10 1/4	90,742	10 1/4	101,090
10 1/2	8,212	10 1/2	18,560	10 1/2	28,889	10 1/2	39,218	10 1/2	49,566	10 1/2	59,914	10 1/2	70,262	10 1/2	80,610	10 1/2	90,958	10 1/2	101,306
10 3/4	8,428	10 3/4	18,775	10 3/4	29,103	10 3/4	39,434	10 3/4	49,782	10 3/4	60,130	10 3/4	70,478	10 3/4	80,826	10 3/4	91,173	10 3/4	101,521
11	8,643	11	18,991	11	29,318	11	39,650	11	49,997	11	60,345	11	70,693	11	81,041	11	91,389	11	101,737
11 1/4	8,859	11 1/4	19,206	11 1/4	29,533	11 1/4	39,865	11 1/4	50,213	11 1/4	60,561	11 1/4	70,909	11 1/4	81,257	11 1/4	91,605	11 1/4	101,952
11 1/2	9,074	11 1/2	19,422	11 1/2	29,747	11 1/2	40,081	11 1/2	50,429	11 1/2	60,777	11 1/2	71,124	11 1/2	81,472	11 1/2	91,820	11 1/2	102,168
11 3/4	9,290	11 3/4	19,637	11 3/4	29,962	11 3/4	40,296	11 3/4	50,644	11 3/4	60,992	11 3/4	71,340	11 3/4	81,688	11 3/4	92,036	11 3/4	102,384

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 77668
<http://www.pmacorp.net>



BARGE "IB 1324"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	102,599	112,947	123,295	133,643	143,991	154,339	164,687	175,035	185,383	195,731
1/4	102,815	113,163	123,511	133,859	144,207	154,555	164,903	175,251	185,599	195,947
1/2	103,030	113,378	123,726	134,074	144,422	154,770	165,118	175,466	185,814	196,162
3/4	103,246	113,594	123,942	134,290	144,637	154,985	165,333	175,681	186,029	196,377
1	103,462	113,809	124,157	134,505	144,853	155,201	165,549	175,897	186,245	196,593
1 1/4	103,677	114,025	124,373	134,721	145,069	155,419	165,767	176,115	186,463	196,811
1 1/2	103,893	114,241	124,588	134,938	145,284	155,634	165,982	176,330	186,678	197,026
3/4	104,108	114,456	124,804	135,152	145,500	155,848	166,196	176,544	186,892	197,240
2	104,324	114,672	125,020	135,367	145,715	156,063	166,414	176,762	187,110	197,458
1 1/4	104,539	114,887	125,235	135,583	145,931	156,278	166,630	176,978	187,326	197,673
1 1/2	104,755	115,103	125,451	135,799	146,147	156,494	166,846	177,194	187,542	197,889
3/4	104,971	115,318	125,666	136,014	146,362	156,710	167,062	177,410	187,758	198,104
3	105,188	115,534	125,882	136,230	146,578	156,926	167,278	177,626	187,974	198,320
1 1/4	105,402	115,750	126,098	136,445	146,793	157,141	167,493	177,841	188,189	198,535
1 1/2	105,617	115,965	126,313	136,661	147,009	157,357	167,709	178,057	188,405	198,751
3/4	105,833	116,181	126,529	136,877	147,224	157,572	167,924	178,272	188,621	198,967
4	106,048	116,396	126,744	137,092	147,440	157,788	168,140	178,488	188,836	199,182
1 1/4	106,264	116,612	126,960	137,308	147,656	158,004	168,356	178,704	189,052	199,398
1 1/2	106,480	116,828	127,175	137,523	147,871	158,220	168,571	178,919	189,267	199,613
3/4	106,695	117,043	127,391	137,739	148,087	158,436	168,787	179,135	189,482	199,829
5	106,911	117,259	127,607	137,954	148,302	158,652	169,003	179,351	189,699	200,044
1 1/4	107,128	117,474	127,822	138,170	148,518	158,867	169,219	179,567	189,915	200,260
1 1/2	107,342	117,690	128,038	138,386	148,733	159,083	169,435	179,783	190,131	200,475
3/4	107,558	117,905	128,253	138,601	148,949	159,299	169,651	180,000	190,347	200,691
6	107,773	118,121	128,469	138,817	149,165	159,515	169,867	180,216	190,563	200,906
1 1/4	107,989	118,337	128,684	139,032	149,380	159,731	170,083	180,431	190,779	201,122
1 1/2	108,204	118,552	128,900	139,248	149,596	159,947	170,299	180,647	190,995	201,337
3/4	108,420	118,768	129,116	139,464	149,811	160,163	170,515	180,863	191,211	201,552
7	108,635	118,983	129,331	139,679	150,027	160,379	170,731	181,079	191,427	201,767
1 1/4	108,851	119,199	129,547	139,895	150,243	160,595	170,947	181,295	191,643	201,982
1 1/2	109,067	119,415	129,762	140,110	150,458	160,810	171,163	181,511	191,859	202,198
3/4	109,282	119,630	129,978	140,326	150,674	161,026	171,379	181,727	192,075	202,413
8	109,498	119,846	130,194	140,541	150,889	161,241	171,594	181,942	192,291	202,628
1 1/4	109,713	120,061	130,409	140,757	151,105	161,457	171,810	182,158	192,507	202,843
1 1/2	109,929	120,277	130,625	140,973	151,320	161,672	172,026	182,374	192,723	203,058
3/4	110,145	120,492	130,840	141,188	151,536	161,887	172,241	182,589	192,937	203,273
9	110,360	120,708	131,056	141,404	151,751	162,102	172,457	182,805	193,153	203,488
1 1/4	110,576	120,924	131,271	141,619	151,967	162,317	172,672	183,020	193,368	203,703
1 1/2	110,791	121,139	131,487	141,835	152,182	162,532	172,887	183,235	193,583	203,918
3/4	111,007	121,355	131,703	142,050	152,397	162,747	173,102	183,449	193,798	204,133
10	111,222	121,570	131,918	142,266	152,612	162,962	173,317	183,664	194,013	204,348
1 1/4	111,438	121,786	132,134	142,482	152,828	163,177	173,532	183,879	194,228	204,563
1 1/2	111,654	122,001	132,349	142,697	153,043	163,392	173,747	184,094	194,443	204,778
3/4	111,869	122,217	132,565	142,913	153,258	163,607	173,962	184,309	194,658	204,993
11	112,085	122,433	132,781	143,128	153,473	163,822	174,177	184,524	194,873	205,208
1 1/4	112,300	122,648	132,996	143,344	153,688	164,037	174,392	184,739	195,088	205,423
1 1/2	112,516	122,864	133,212	143,560	153,903	164,252	174,607	184,954	195,303	205,638
3/4	112,731	123,079	133,427	143,775	154,118	164,467	174,822	185,169	195,518	205,853

STRAPPED: 04/21/2020 JS
CALCULATED: 04/21/2020 CL
PRINTED: 04/21/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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