



BARGE "IB 1944"

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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 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
3 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

(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: 182'-06"

October 10, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
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<http://www.pmacorp.net>



BARGE "IB 1944"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-05 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	94	0	11,715	0	24,650	0	37,421	0	50,259	0	63,186	0	76,097	0	89,031	0	101,964	0	114,898
1/4	173	1/4	11,985	1/4	24,919	1/4	37,684	1/4	50,528	1/4	63,455	1/4	76,366	1/4	89,300	1/4	102,234	1/4	115,167
1/2	251	1/2	12,254	1/2	25,189	1/2	37,947	1/2	50,797	1/2	63,724	1/2	76,636	1/2	89,570	1/2	102,503	1/2	115,437
3/4	330	3/4	12,524	3/4	25,458	3/4	38,211	3/4	51,067	3/4	63,992	3/4	76,905	3/4	89,839	3/4	102,773	3/4	115,706
1	409	1	12,793	1	25,728	1	38,474	1	51,336	1	64,261	1	77,174	1	90,108	1	103,042	1	115,976
1/4	578	1/4	13,063	1/4	25,997	1/4	38,737	1/4	51,605	1/4	64,530	1/4	77,444	1/4	90,378	1/4	103,311	1/4	116,245
1/2	746	1/2	13,332	1/2	26,267	1/2	39,000	1/2	51,875	1/2	64,799	1/2	77,713	1/2	90,647	1/2	103,581	1/2	116,514
3/4	915	3/4	13,602	3/4	26,536	3/4	39,263	3/4	52,144	3/4	65,068	3/4	77,983	3/4	90,917	3/4	103,850	3/4	116,784
2	1,083	2	13,871	2	26,806	2	39,526	2	52,413	2	65,337	2	78,252	2	91,186	2	104,120	2	117,053
1/4	1,323	1/4	14,141	1/4	27,075	1/4	39,789	1/4	52,683	1/4	65,606	1/4	78,522	1/4	91,456	1/4	104,389	1/4	117,323
1/2	1,562	1/2	14,410	1/2	27,344	1/2	40,052	1/2	52,952	1/2	65,874	1/2	78,791	1/2	91,725	1/2	104,659	1/2	117,592
3/4	1,802	3/4	14,680	3/4	27,614	3/4	40,315	3/4	53,221	3/4	66,143	3/4	79,061	3/4	91,995	3/4	104,928	3/4	117,862
3	2,041	3	14,949	3	27,883	3	40,578	3	53,491	3	66,412	3	79,330	3	92,264	3	105,197	3	118,131
1/4	2,307	1/4	15,218	1/4	28,153	1/4	40,844	1/4	53,760	1/4	66,681	1/4	79,600	1/4	92,534	1/4	105,467	1/4	118,401
1/2	2,572	1/2	15,488	1/2	28,422	1/2	41,109	1/2	54,029	1/2	66,950	1/2	79,869	1/2	92,803	1/2	105,736	1/2	118,670
3/4	2,837	3/4	15,757	3/4	28,692	3/4	41,375	3/4	54,299	3/4	67,219	3/4	80,139	3/4	93,073	3/4	106,006	3/4	118,940
4	3,103	4	16,027	4	28,961	4	41,640	4	54,568	4	67,488	4	80,408	4	93,342	4	106,275	4	119,209
1/4	3,370	1/4	16,296	1/4	29,231	1/4	41,910	1/4	54,837	1/4	67,756	1/4	80,677	1/4	93,611	1/4	106,545	1/4	119,479
1/2	3,637	1/2	16,566	1/2	29,500	1/2	42,179	1/2	55,107	1/2	68,025	1/2	80,947	1/2	93,881	1/2	106,814	1/2	119,748
3/4	3,905	3/4	16,835	3/4	29,770	3/4	42,448	3/4	55,376	3/4	68,294	3/4	81,216	3/4	94,150	3/4	107,083	3/4	120,017
5	4,172	5	17,105	5	30,039	5	42,718	5	55,645	5	68,563	5	81,486	5	94,420	5	107,353	5	120,287
1/4	4,441	1/4	17,374	1/4	30,306	1/4	42,987	1/4	55,915	1/4	68,832	1/4	81,755	1/4	94,689	1/4	107,622	1/4	120,556
1/2	4,709	1/2	17,644	1/2	30,573	1/2	43,256	1/2	56,184	1/2	69,101	1/2	82,025	1/2	94,959	1/2	107,892	1/2	120,826
3/4	4,978	3/4	17,913	3/4	30,840	3/4	43,526	3/4	56,453	3/4	69,370	3/4	82,294	3/4	95,228	3/4	108,161	3/4	121,095
6	5,246	6	18,183	6	31,107	6	43,795	6	56,723	6	69,638	6	82,564	6	95,498	6	108,431	6	121,365
1/4	5,516	1/4	18,452	1/4	31,371	1/4	44,064	1/4	56,992	1/4	69,907	1/4	82,833	1/4	95,767	1/4	108,700	1/4	121,634
1/2	5,785	1/2	18,722	1/2	31,634	1/2	44,334	1/2	57,261	1/2	70,176	1/2	83,103	1/2	96,037	1/2	108,970	1/2	121,904
3/4	6,054	3/4	18,991	3/4	31,897	3/4	44,603	3/4	57,531	3/4	70,445	3/4	83,372	3/4	96,306	3/4	109,239	3/4	122,173
7	6,323	7	19,260	7	32,160	7	44,872	7	57,800	7	70,714	7	83,641	7	96,575	7	109,509	7	122,443
1/4	6,593	1/4	19,530	1/4	32,423	1/4	45,142	1/4	58,069	1/4	70,983	1/4	83,911	1/4	96,845	1/4	109,778	1/4	122,712
1/2	6,862	1/2	19,799	1/2	32,686	1/2	45,411	1/2	58,339	1/2	71,252	1/2	84,180	1/2	97,114	1/2	110,047	1/2	122,981
3/4	7,132	3/4	20,069	3/4	32,949	3/4	45,680	3/4	58,608	3/4	71,520	3/4	84,450	3/4	97,384	3/4	110,317	3/4	123,251
8	7,401	8	20,338	8	33,212	8	45,949	8	58,877	8	71,789	8	84,719	8	97,653	8	110,586	8	123,520
1/4	7,671	1/4	20,608	1/4	33,475	1/4	46,219	1/4	59,147	1/4	72,058	1/4	84,989	1/4	97,923	1/4	110,856	1/4	123,790
1/2	7,941	1/2	20,877	1/2	33,738	1/2	46,488	1/2	59,416	1/2	72,327	1/2	85,258	1/2	98,192	1/2	111,125	1/2	124,059
3/4	8,210	3/4	21,147	3/4	34,001	3/4	46,757	3/4	59,685	3/4	72,596	3/4	85,528	3/4	98,462	3/4	111,395	3/4	124,329
9	8,480	9	21,416	9	34,264	9	47,027	9	59,955	9	72,865	9	85,797	9	98,731	9	111,664	9	124,598
1/4	8,750	1/4	21,686	1/4	34,527	1/4	47,296	1/4	60,224	1/4	73,134	1/4	86,067	1/4	99,001	1/4	111,934	1/4	124,841
1/2	9,019	1/2	21,955	1/2	34,791	1/2	47,565	1/2	60,493	1/2	73,403	1/2	86,336	1/2	99,270	1/2	112,203	1/2	125,084
3/4	9,289	3/4	22,225	3/4	35,054	3/4	47,835	3/4	60,763	3/4	73,672	3/4	86,606	3/4	99,539	3/4	112,473	3/4	125,327
10	9,559	10	22,494	10	35,317	10	48,104	10	61,032	10	73,941	10	86,875	10	99,809	10	112,742	10	125,570
1/4	9,828	1/4	22,764	1/4	35,580	1/4	48,373	1/4	61,301	1/4	74,210	1/4	87,144	1/4	100,078	1/4	113,012	1/4	125,769
1/2	10,098	1/2	23,033	1/2	35,843	1/2	48,643	1/2	61,571	1/2	74,480	1/2	87,414	1/2	100,348	1/2	113,281	1/2	125,968
3/4	10,368	3/4	23,302	3/4	36,106	3/4	48,912	3/4	61,840	3/4	74,749	3/4	87,683	3/4	100,617	3/4	113,550	3/4	126,166
11	10,637	11	23,572	11	36,369	11	49,181	11	62,109	11	75,019	11	87,953	11	100,887	11	113,820	11	126,365
1/4	10,907	1/4	23,841	1/4	36,632	1/4	49,451	1/4	62,378	1/4	75,288	1/4	88,222	1/4	101,156	1/4	114,089	1/4	126,564
1/2	11,176	1/2	24,111	1/2	36,895	1/2	49,720	1/2	62,648	1/2	75,558	1/2	88,492	1/2	101,425	1/2	114,359	1/2	126,764
3/4	11,446	3/4	24,380	3/4	37,158	3/4	49,989	3/4	62,917	3/4	75,827	3/4	88,761	3/4	101,695	3/4	114,628	3/4	126,963

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 30'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "IB 1944"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	127,162	0	136,722	0	146,283	0	155,843	0		0		0		0		0		0	
1/4	127,361	1/4	136,922	1/4	146,482	1/4	156,042	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,560	1/2	137,121	1/2	146,681	1/2	156,241	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,760	3/4	137,320	3/4	146,880	3/4	156,441	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	127,959	1	137,519	1	147,080	1	156,640	1	1	1	1	1	1	1	1	1	1	1	1
1/4	128,158	1/4	137,718	1/4	147,279	1/4	156,838	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,357	1/2	137,917	1/2	147,478	1/2	157,037	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,556	3/4	138,117	3/4	147,677	3/4	157,235	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	128,755	2	138,316	2	147,876	2	157,434	2	2	2	2	2	2	2	2	2	2	2	2
1/4	128,955	1/4	138,515	1/4	148,075	1/4	157,627	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,154	1/2	138,714	1/2	148,275	1/2	157,821	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,353	3/4	138,913	3/4	148,474	3/4	158,015	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	129,552	3	139,113	3	148,673	3	158,208	3	3	3	3	3	3	3	3	3	3	3	3
1/4	129,751	1/4	139,312	1/4	148,872	1/4	158,366	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,950	1/2	139,511	1/2	149,071	1/2	158,523	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130,150	3/4	139,710	3/4	149,271	3/4	158,681	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	130,349	4	139,909	4	149,470	4	158,838	4	4	4	4	4	4	4	4	4	4	4	4
1/4	130,548	1/4	140,108	1/4	149,669	1/4	158,914	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	130,747	1/2	140,308	1/2	149,868	1/2	158,989	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130,946	3/4	140,507	3/4	150,067	3/4	159,065	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	131,146	5	140,706	5	150,266	5	159,140	5	5	5	5	5	5	5	5	5	5	5	5
1/4	131,345	1/4	140,905	1/4	150,466	1/4	159,160	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	131,544	1/2	141,104	1/2	150,665	1/2	159,181	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	131,743	3/4	141,303	3/4	150,864	3/4	159,201	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	131,942	6	141,503	6	151,063	6	159,222	6	6	6	6	6	6	6	6	6	6	6	6
1/4	132,141	1/4	141,702	1/4	151,262	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	132,341	1/2	141,901	1/2	151,461	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132,540	3/4	142,100	3/4	151,661	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	132,739	7	142,299	7	151,860	7		7	7	7	7	7	7	7	7	7	7	7	7
1/4	132,938	1/4	142,499	1/4	152,059	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	133,137	1/2	142,698	1/2	152,258	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	133,336	3/4	142,897	3/4	152,457	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	133,536	8	143,096	8	152,657	8		8	8	8	8	8	8	8	8	8	8	8	8
1/4	133,735	1/4	143,295	1/4	152,856	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	133,934	1/2	143,494	1/2	153,055	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	134,133	3/4	143,694	3/4	153,254	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	134,332	9	143,893	9	153,453	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	134,532	1/4	144,092	1/4	153,652	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	134,731	1/2	144,291	1/2	153,852	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	134,930	3/4	144,490	3/4	154,051	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	135,129	10	144,689	10	154,250	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	135,328	1/4	144,889	1/4	154,449	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	135,527	1/2	145,088	1/2	154,648	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	135,727	3/4	145,287	3/4	154,847	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	135,926	11	145,486	11	155,047	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	136,125	1/4	145,685	1/4	155,246	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	136,324	1/2	145,885	1/2	155,445	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	136,523	3/4	146,084	3/4	155,644	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/10/2013 SW
CALCULATED: 10/10/2013 CL
PRINTED: 10/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1944"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-05 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	91	0	11,264	0	23,715	0	36,005	0	48,366	0	60,817	0	73,269	0	85,720	0	98,172	0	110,623
1/4	167	1/4	11,523	1/4	23,974	1/4	36,258	1/4	48,625	1/4	61,077	1/4	73,528	1/4	85,980	1/4	98,431	1/4	110,883
1/2	242	1/2	11,783	1/2	24,234	1/2	36,512	1/2	48,885	1/2	61,336	1/2	73,788	1/2	86,239	1/2	98,691	1/2	111,142
3/4	318	3/4	12,042	3/4	24,493	3/4	36,765	3/4	49,144	3/4	61,595	3/4	74,047	3/4	86,498	3/4	98,950	3/4	111,401
1	394	1	12,302	1	24,753	1	37,018	1	49,403	1	61,855	1	74,306	1	86,758	1	99,209	1	111,661
1/4	556	1/4	12,561	1/4	25,012	1/4	37,271	1/4	49,663	1/4	62,114	1/4	74,566	1/4	87,017	1/4	99,469	1/4	111,920
1/2	718	1/2	12,820	1/2	25,271	1/2	37,524	1/2	49,922	1/2	62,374	1/2	74,825	1/2	87,277	1/2	99,728	1/2	112,180
3/4	880	3/4	13,080	3/4	25,531	3/4	37,777	3/4	50,182	3/4	62,633	3/4	75,085	3/4	87,536	3/4	99,988	3/4	112,439
2	1,042	2	13,339	2	25,790	2	38,030	2	50,441	2	62,892	2	75,344	2	87,795	2	100,247	2	112,698
1/4	1,272	1/4	13,599	1/4	26,050	1/4	38,283	1/4	50,700	1/4	63,152	1/4	75,603	1/4	88,055	1/4	100,506	1/4	112,958
1/2	1,502	1/2	13,858	1/2	26,309	1/2	38,536	1/2	50,960	1/2	63,411	1/2	75,863	1/2	88,314	1/2	100,766	1/2	113,217
3/4	1,732	3/4	14,117	3/4	26,568	3/4	38,790	3/4	51,219	3/4	63,671	3/4	76,122	3/4	88,574	3/4	101,025	3/4	113,477
3	1,962	3	14,377	3	26,828	3	39,043	3	51,479	3	63,930	3	76,382	3	88,833	3	101,285	3	113,736
1/4	2,217	1/4	14,636	1/4	27,087	1/4	39,298	1/4	51,738	1/4	64,190	1/4	76,641	1/4	89,093	1/4	101,544	1/4	113,996
1/2	2,472	1/2	14,896	1/2	27,347	1/2	39,554	1/2	51,997	1/2	64,449	1/2	76,900	1/2	89,352	1/2	101,803	1/2	114,255
3/4	2,727	3/4	15,155	3/4	27,606	3/4	39,809	3/4	52,257	3/4	64,708	3/4	77,160	3/4	89,611	3/4	102,063	3/4	114,514
4	2,982	4	15,414	4	27,865	4	40,065	4	52,516	4	64,968	4	77,419	4	89,871	4	102,322	4	114,774
1/4	3,239	1/4	15,674	1/4	28,125	1/4	40,324	1/4	52,776	1/4	65,227	1/4	77,679	1/4	90,130	1/4	102,582	1/4	115,033
1/2	3,496	1/2	15,933	1/2	28,384	1/2	40,584	1/2	53,035	1/2	65,487	1/2	77,938	1/2	90,390	1/2	102,841	1/2	115,293
3/4	3,753	3/4	16,193	3/4	28,644	3/4	40,843	3/4	53,294	3/4	65,746	3/4	78,197	3/4	90,649	3/4	103,100	3/4	115,552
5	4,010	5	16,452	5	28,903	5	41,102	5	53,554	5	66,005	5	78,457	5	90,908	5	103,360	5	115,811
1/4	4,268	1/4	16,711	1/4	29,160	1/4	41,362	1/4	53,813	1/4	66,265	1/4	78,716	1/4	91,168	1/4	103,619	1/4	116,071
1/2	4,526	1/2	16,971	1/2	29,417	1/2	41,621	1/2	54,073	1/2	66,524	1/2	78,976	1/2	91,427	1/2	103,879	1/2	116,330
3/4	4,784	3/4	17,230	3/4	29,674	3/4	41,881	3/4	54,332	3/4	66,784	3/4	79,235	3/4	91,687	3/4	104,138	3/4	116,590
6	5,042	6	17,490	6	29,931	6	42,140	6	54,591	6	67,043	6	79,494	6	91,946	6	104,397	6	116,849
1/4	5,301	1/4	17,749	1/4	30,184	1/4	42,399	1/4	54,851	1/4	67,302	1/4	79,754	1/4	92,205	1/4	104,657	1/4	117,108
1/2	5,559	1/2	18,008	1/2	30,437	1/2	42,659	1/2	55,110	1/2	67,562	1/2	80,013	1/2	92,465	1/2	104,916	1/2	117,368
3/4	5,818	3/4	18,268	3/4	30,690	3/4	42,918	3/4	55,370	3/4	67,821	3/4	80,273	3/4	92,724	3/4	105,176	3/4	117,627
7	6,077	7	18,527	7	30,944	7	43,178	7	55,629	7	68,081	7	80,532	7	92,984	7	105,435	7	117,887
1/4	6,336	1/4	18,787	1/4	31,197	1/4	43,437	1/4	55,889	1/4	68,340	1/4	80,792	1/4	93,243	1/4	105,695	1/4	118,146
1/2	6,595	1/2	19,046	1/2	31,450	1/2	43,696	1/2	56,148	1/2	68,599	1/2	81,051	1/2	93,502	1/2	105,954	1/2	118,405
3/4	6,855	3/4	19,305	3/4	31,703	3/4	43,956	3/4	56,407	3/4	68,859	3/4	81,310	3/4	93,762	3/4	106,213	3/4	118,665
8	7,114	8	19,565	8	31,956	8	44,215	8	56,667	8	69,118	8	81,570	8	94,021	8	106,473	8	118,924
1/4	7,373	1/4	19,824	1/4	32,209	1/4	44,475	1/4	56,926	1/4	69,378	1/4	81,829	1/4	94,281	1/4	106,732	1/4	119,184
1/2	7,633	1/2	20,084	1/2	32,462	1/2	44,734	1/2	57,186	1/2	69,637	1/2	82,089	1/2	94,540	1/2	106,992	1/2	119,443
3/4	7,892	3/4	20,343	3/4	32,715	3/4	44,993	3/4	57,445	3/4	69,896	3/4	82,348	3/4	94,799	3/4	107,251	3/4	119,702
9	8,151	9	20,602	9	32,968	9	45,253	9	57,704	9	70,156	9	82,607	9	95,059	9	107,510	9	119,962
1/4	8,411	1/4	20,862	1/4	33,221	1/4	45,512	1/4	57,964	1/4	70,415	1/4	82,867	1/4	95,318	1/4	107,770	1/4	120,221
1/2	8,670	1/2	21,121	1/2	33,474	1/2	45,772	1/2	58,223	1/2	70,675	1/2	83,126	1/2	95,578	1/2	108,029	1/2	120,481
3/4	8,929	3/4	21,380	3/4	33,728	3/4	46,031	3/4	58,483	3/4	70,934	3/4	83,386	3/4	95,837	3/4	108,289	3/4	120,740
10	9,189	10	21,640	10	33,981	10	46,290	10	58,742	10	71,193	10	83,645	10	96,096	10	108,548	10	120,999
1/4	9,448	1/4	21,899	1/4	34,234	1/4	46,550	1/4	59,001	1/4	71,453	1/4	83,904	1/4	96,356	1/4	108,807	1/4	121,259
1/2	9,708	1/2	22,159	1/2	34,487	1/2	46,809	1/2	59,261	1/2	71,712	1/2	84,164	1/2	96,615	1/2	109,067	1/2	121,518
3/4	9,967	3/4	22,418	3/4	34,740	3/4	47,069	3/4	59,520	3/4	71,972	3/4	84,423	3/4	96,875	3/4	109,326	3/4	121,778
11	10,226	11	22,677	11	34,993	11	47,328	11	59,780	11	72,231	11	84,683	11	97,134	11	109,586	11	122,037
1/4	10,486	1/4	22,937	1/4	35,246	1/4	47,588	1/4	60,039	1/4	72,491	1/4	84,942	1/4	97,394	1/4	109,845	1/4	122,297
1/2	10,745	1/2	23,196	1/2	35,499	1/2	47,847	1/2	60,298	1/2	72,750	1/2	85,201	1/2	97,653	1/2	110,104	1/2	122,556
3/4	11,005	3/4	23,456	3/4	35,752	3/4	48,106	3/4	60,558	3/4	73,009	3/4	85,461	3/4	97,912	3/4	110,364	3/4	122,815

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 30'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "IB 1944"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	123,075	0	135,526	0	147,978	0	160,429	0		0		0		0		0		0	
1/4	123,334	1/4	135,786	1/4	148,237	1/4	160,689	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,594	1/2	136,045	1/2	148,497	1/2	160,948	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,853	3/4	136,304	3/4	148,756	3/4	161,207	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	124,112	1	136,564	1	149,015	1	161,466	1	1	1	1	1	1	1	1	1	1	1	1
1/4	124,372	1/4	136,823	1/4	149,275	1/4	161,725	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,631	1/2	137,083	1/2	149,534	1/2	161,984	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,891	3/4	137,342	3/4	149,794	3/4	162,243	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	125,150	2	137,601	2	150,053	2	162,502	2	2	2	2	2	2	2	2	2	2	2	2
1/4	125,409	1/4	137,861	1/4	150,312	1/4	162,756	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,669	1/2	138,120	1/2	150,572	1/2	163,010	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,928	3/4	138,380	3/4	150,831	3/4	163,264	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	126,188	3	138,639	3	151,091	3	163,518	3	3	3	3	3	3	3	3	3	3	3	3
1/4	126,447	1/4	138,899	1/4	151,350	1/4	163,737	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,706	1/2	139,158	1/2	151,609	1/2	163,957	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,966	3/4	139,417	3/4	151,869	3/4	164,176	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	127,225	4	139,677	4	152,128	4	164,395	4	4	4	4	4	4	4	4	4	4	4	4
1/4	127,485	1/4	139,936	1/4	152,388	1/4	164,536	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,744	1/2	140,196	1/2	152,647	1/2	164,676	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,003	3/4	140,455	3/4	152,906	3/4	164,817	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	128,263	5	140,714	5	153,166	5	164,957	5	5	5	5	5	5	5	5	5	5	5	5
1/4	128,522	1/4	140,974	1/4	153,425	1/4	165,020	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,782	1/2	141,233	1/2	153,685	1/2	165,082	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,041	3/4	141,493	3/4	153,944	3/4	165,144	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	129,300	6	141,752	6	154,203	6	165,206	6	6	6	6	6	6	6	6	6	6	6	6
1/4	129,560	1/4	142,011	1/4	154,463	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,819	1/2	142,271	1/2	154,722	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130,079	3/4	142,530	3/4	154,982	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	130,338	7	142,790	7	155,241	7		7	7	7	7	7	7	7	7	7	7	7	7
1/4	130,598	1/4	143,049	1/4	155,501	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	130,857	1/2	143,308	1/2	155,760	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	131,116	3/4	143,568	3/4	156,019	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	131,376	8	143,827	8	156,279	8		8	8	8	8	8	8	8	8	8	8	8	8
1/4	131,635	1/4	144,087	1/4	156,538	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	131,895	1/2	144,346	1/2	156,798	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132,154	3/4	144,605	3/4	157,057	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	132,413	9	144,865	9	157,316	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	132,673	1/4	145,124	1/4	157,576	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	132,932	1/2	145,384	1/2	157,835	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	133,192	3/4	145,643	3/4	158,095	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	133,451	10	145,902	10	158,354	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	133,710	1/4	146,162	1/4	158,613	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	133,970	1/2	146,421	1/2	158,873	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	134,229	3/4	146,681	3/4	159,132	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	134,489	11	146,940	11	159,392	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	134,748	1/4	147,200	1/4	159,651	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	135,007	1/2	147,459	1/2	159,910	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	135,267	3/4	147,718	3/4	160,170	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/10/2013 SW
CALCULATED: 10/10/2013 CL
PRINTED: 10/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

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BARGE "IB 1944"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06"

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	90	0	11,158	0	23,492	0	35,814	0	48,142	0	60,476	0	72,810	0	85,144	0	97,478	0	109,812
1/4	165	1/4	11,415	1/4	23,748	1/4	36,070	1/4	48,399	1/4	60,733	1/4	73,067	1/4	85,401	1/4	97,735	1/4	110,069
1/2	240	1/2	11,672	1/2	24,005	1/2	36,327	1/2	48,656	1/2	60,990	1/2	73,324	1/2	85,658	1/2	97,992	1/2	110,326
3/4	315	3/4	11,929	3/4	24,262	3/4	36,583	3/4	48,913	3/4	61,247	3/4	73,581	3/4	85,915	3/4	98,249	3/4	110,583
1	390	1	12,186	1	24,519	1	36,840	1	49,170	1	61,504	1	73,838	1	86,172	1	98,506	1	110,840
1/4	551	1/4	12,443	1/4	24,776	1/4	37,096	1/4	49,427	1/4	61,761	1/4	74,095	1/4	86,429	1/4	98,763	1/4	111,097
1/2	711	1/2	12,700	1/2	25,033	1/2	37,353	1/2	49,683	1/2	62,018	1/2	74,352	1/2	86,686	1/2	99,020	1/2	111,354
3/4	872	3/4	12,957	3/4	25,290	3/4	37,609	3/4	49,940	3/4	62,274	3/4	74,609	3/4	86,943	3/4	99,277	3/4	111,611
2	1,032	2	13,214	2	25,547	2	37,866	2	50,197	2	62,531	2	74,865	2	87,199	2	99,534	2	111,868
1/4	1,260	1/4	13,470	1/4	25,804	1/4	38,122	1/4	50,454	1/4	62,788	1/4	75,122	1/4	87,456	1/4	99,790	1/4	112,125
1/2	1,488	1/2	13,727	1/2	26,061	1/2	38,379	1/2	50,711	1/2	63,045	1/2	75,379	1/2	87,713	1/2	100,047	1/2	112,381
3/4	1,716	3/4	13,984	3/4	26,318	3/4	38,636	3/4	50,968	3/4	63,302	3/4	75,636	3/4	87,970	3/4	100,304	3/4	112,638
3	1,944	3	14,241	3	26,575	3	38,892	3	51,225	3	63,559	3	75,893	3	88,227	3	100,561	3	112,895
1/4	2,196	1/4	14,498	1/4	26,832	1/4	39,149	1/4	51,482	1/4	63,816	1/4	76,150	1/4	88,484	1/4	100,818	1/4	113,152
1/2	2,449	1/2	14,755	1/2	27,089	1/2	39,406	1/2	51,739	1/2	64,073	1/2	76,407	1/2	88,741	1/2	101,075	1/2	113,409
3/4	2,701	3/4	15,012	3/4	27,346	3/4	39,662	3/4	51,996	3/4	64,330	3/4	76,664	3/4	88,998	3/4	101,332	3/4	113,666
4	2,954	4	15,269	4	27,603	4	39,919	4	52,253	4	64,587	4	76,921	4	89,255	4	101,589	4	113,923
1/4	3,208	1/4	15,526	1/4	27,860	1/4	40,176	1/4	52,510	1/4	64,844	1/4	77,178	1/4	89,512	1/4	101,846	1/4	114,180
1/2	3,463	1/2	15,783	1/2	28,117	1/2	40,433	1/2	52,767	1/2	65,101	1/2	77,435	1/2	89,769	1/2	102,103	1/2	114,437
3/4	3,717	3/4	16,040	3/4	28,374	3/4	40,690	3/4	53,024	3/4	65,358	3/4	77,692	3/4	90,026	3/4	102,360	3/4	114,694
5	3,972	5	16,297	5	28,631	5	40,947	5	53,281	5	65,615	5	77,949	5	90,283	5	102,617	5	114,951
1/4	4,228	1/4	16,554	1/4	28,887	1/4	41,204	1/4	53,538	1/4	65,872	1/4	78,206	1/4	90,540	1/4	102,874	1/4	115,208
1/2	4,483	1/2	16,811	1/2	29,144	1/2	41,461	1/2	53,795	1/2	66,129	1/2	78,463	1/2	90,797	1/2	103,131	1/2	115,465
3/4	4,739	3/4	17,068	3/4	29,401	3/4	41,718	3/4	54,052	3/4	66,386	3/4	78,720	3/4	91,054	3/4	103,388	3/4	115,722
6	4,994	6	17,325	6	29,658	6	41,975	6	54,309	6	66,643	6	78,977	6	91,311	6	103,645	6	115,979
1/4	5,251	1/4	17,582	1/4	29,914	1/4	42,232	1/4	54,566	1/4	66,900	1/4	79,234	1/4	91,568	1/4	103,902	1/4	116,236
1/2	5,507	1/2	17,839	1/2	30,171	1/2	42,489	1/2	54,823	1/2	67,157	1/2	79,491	1/2	91,825	1/2	104,159	1/2	116,493
3/4	5,764	3/4	18,096	3/4	30,427	3/4	42,746	3/4	55,080	3/4	67,414	3/4	79,748	3/4	92,082	3/4	104,416	3/4	116,750
7	6,020	7	18,353	7	30,684	7	43,003	7	55,337	7	67,671	7	80,005	7	92,339	7	104,673	7	117,007
1/4	6,277	1/4	18,609	1/4	30,940	1/4	43,260	1/4	55,594	1/4	67,928	1/4	80,262	1/4	92,596	1/4	104,930	1/4	117,264
1/2	6,533	1/2	18,866	1/2	31,197	1/2	43,516	1/2	55,851	1/2	68,185	1/2	80,519	1/2	92,853	1/2	105,187	1/2	117,521
3/4	6,790	3/4	19,123	3/4	31,453	3/4	43,773	3/4	56,107	3/4	68,441	3/4	80,776	3/4	93,110	3/4	105,444	3/4	117,778
8	7,047	8	19,380	8	31,710	8	44,030	8	56,364	8	68,698	8	81,032	8	93,367	8	105,701	8	118,035
1/4	7,304	1/4	19,637	1/4	31,966	1/4	44,287	1/4	56,621	1/4	68,955	1/4	81,289	1/4	93,623	1/4	105,958	1/4	118,292
1/2	7,561	1/2	19,894	1/2	32,223	1/2	44,544	1/2	56,878	1/2	69,212	1/2	81,546	1/2	93,880	1/2	106,214	1/2	118,548
3/4	7,818	3/4	20,151	3/4	32,479	3/4	44,801	3/4	57,135	3/4	69,469	3/4	81,803	3/4	94,137	3/4	106,471	3/4	118,805
9	8,075	9	20,408	9	32,736	9	45,058	9	57,392	9	69,726	9	82,060	9	94,394	9	106,728	9	119,062
1/4	8,331	1/4	20,665	1/4	32,992	1/4	45,315	1/4	57,649	1/4	69,983	1/4	82,317	1/4	94,651	1/4	106,985	1/4	119,319
1/2	8,588	1/2	20,922	1/2	33,249	1/2	45,572	1/2	57,906	1/2	70,240	1/2	82,574	1/2	94,908	1/2	107,242	1/2	119,576
3/4	8,845	3/4	21,179	3/4	33,505	3/4	45,829	3/4	58,163	3/4	70,497	3/4	82,831	3/4	95,165	3/4	107,499	3/4	119,833
10	9,102	10	21,436	10	33,762	10	46,086	10	58,420	10	70,754	10	83,088	10	95,422	10	107,756	10	120,090
1/4	9,359	1/4	21,693	1/4	34,018	1/4	46,343	1/4	58,677	1/4	71,011	1/4	83,345	1/4	95,679	1/4	108,013	1/4	120,347
1/2	9,616	1/2	21,950	1/2	34,275	1/2	46,600	1/2	58,934	1/2	71,268	1/2	83,602	1/2	95,936	1/2	108,270	1/2	120,604
3/4	9,873	3/4	22,207	3/4	34,531	3/4	46,857	3/4	59,191	3/4	71,525	3/4	83,859	3/4	96,193	3/4	108,527	3/4	120,861
11	10,130	11	22,464	11	34,788	11	47,114	11	59,448	11	71,782	11	84,116	11	96,450	11	108,784	11	121,118
1/4	10,387	1/4	22,721	1/4	35,044	1/4	47,371	1/4	59,705	1/4	72,039	1/4	84,373	1/4	96,707	1/4	109,041	1/4	121,375
1/2	10,644	1/2	22,978	1/2	35,301	1/2	47,628	1/2	59,962	1/2	72,296	1/2	84,630	1/2	96,964	1/2	109,298	1/2	121,632
3/4	10,901	3/4	23,235	3/4	35,557	3/4	47,885	3/4	60,219	3/4	72,553	3/4	84,887	3/4	97,221	3/4	109,555	3/4	121,889

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 30'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "IB 1944"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-06"

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	122,146	0	134,480	0	146,814	0	159,148	0		0		0		0		0		0	
1/4	122,403	1/4	134,737	1/4	147,071	1/4	159,405	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,660	1/2	134,994	1/2	147,328	1/2	159,662	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,917	3/4	135,251	3/4	147,585	3/4	159,919	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	123,174	1	135,508	1	147,842	1	160,175	1	1	1	1	1	1	1	1	1	1	1	1
1/4	123,431	1/4	135,765	1/4	148,099	1/4	160,432	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,688	1/2	136,022	1/2	148,356	1/2	160,688	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,945	3/4	136,279	3/4	148,613	3/4	160,945	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	124,202	2	136,536	2	148,870	2	161,201	2	2	2	2	2	2	2	2	2	2	2	2
1/4	124,459	1/4	136,793	1/4	149,127	1/4	161,453	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,716	1/2	137,050	1/2	149,384	1/2	161,704	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,972	3/4	137,307	3/4	149,641	3/4	161,956	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	125,229	3	137,563	3	149,897	3	162,208	3	3	3	3	3	3	3	3	3	3	3	3
1/4	125,486	1/4	137,820	1/4	150,154	1/4	162,425	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,743	1/2	138,077	1/2	150,411	1/2	162,642	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,000	3/4	138,334	3/4	150,668	3/4	162,859	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	126,257	4	138,591	4	150,925	4	163,077	4	4	4	4	4	4	4	4	4	4	4	4
1/4	126,514	1/4	138,848	1/4	151,182	1/4	163,216	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,771	1/2	139,105	1/2	151,439	1/2	163,355	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,028	3/4	139,362	3/4	151,696	3/4	163,494	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	127,285	5	139,619	5	151,953	5	163,633	5	5	5	5	5	5	5	5	5	5	5	5
1/4	127,542	1/4	139,876	1/4	152,210	1/4	163,695	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,799	1/2	140,133	1/2	152,467	1/2	163,757	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,056	3/4	140,390	3/4	152,724	3/4	163,818	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	128,313	6	140,647	6	152,981	6	163,880	6	6	6	6	6	6	6	6	6	6	6	6
1/4	128,570	1/4	140,904	1/4	153,238	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,827	1/2	141,161	1/2	153,495	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,084	3/4	141,418	3/4	153,752	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	129,341	7	141,675	7	154,009	7		7	7	7	7	7	7	7	7	7	7	7	7
1/4	129,598	1/4	141,932	1/4	154,266	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,855	1/2	142,189	1/2	154,523	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	130,112	3/4	142,446	3/4	154,780	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	130,369	8	142,703	8	155,037	8		8	8	8	8	8	8	8	8	8	8	8	8
1/4	130,626	1/4	142,960	1/4	155,294	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	130,883	1/2	143,217	1/2	155,551	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	131,139	3/4	143,474	3/4	155,808	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	131,396	9	143,730	9	156,065	9		9	9	9	9	9	9	9	9	9	9	9	9
1/4	131,653	1/4	143,987	1/4	156,321	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	131,910	1/2	144,244	1/2	156,578	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132,167	3/4	144,501	3/4	156,835	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	132,424	10	144,758	10	157,092	10		10	10	10	10	10	10	10	10	10	10	10	10
1/4	132,681	1/4	145,015	1/4	157,349	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	132,938	1/2	145,272	1/2	157,606	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	133,195	3/4	145,529	3/4	157,863	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	133,452	11	145,786	11	158,120	11		11	11	11	11	11	11	11	11	11	11	11	11
1/4	133,709	1/4	146,043	1/4	158,377	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	133,966	1/2	146,300	1/2	158,634	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	134,223	3/4	146,557	3/4	158,891	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/10/2013 SW
CALCULATED: 10/10/2013 CL
PRINTED: 10/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2013

PRECISION MEASUREMENT
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