



BARGE "IB 1974"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 182'-09"

May 19, 2016

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

<http://www.pmacorp.net>



BARGE "IB 1974"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	26	0	10,148	0	22,117	0	33,926	0	45,785	0	57,747	0	69,692	0	81,661	0	93,629	0	105,597
1/4	68	1/4	10,397	1/4	22,366	1/4	34,169	1/4	46,034	1/4	57,996	1/4	69,941	1/4	81,910	1/4	93,878	1/4	105,846
1/2	110	1/2	10,647	1/2	22,616	1/2	34,412	1/2	46,283	1/2	58,245	1/2	70,191	1/2	82,159	1/2	94,128	1/2	106,096
3/4	151	3/4	10,896	3/4	22,865	3/4	34,655	3/4	46,533	3/4	58,494	3/4	70,440	3/4	82,409	3/4	94,377	3/4	106,345
1	193	1	11,145	1	23,115	1	34,897	1	46,782	1	58,742	1	70,689	1	82,658	1	94,626	1	106,595
1/4	285	1/4	11,395	1/4	23,364	1/4	35,140	1/4	47,031	1/4	58,991	1/4	70,939	1/4	82,907	1/4	94,876	1/4	106,844
1/2	376	1/2	11,644	1/2	23,613	1/2	35,383	1/2	47,280	1/2	59,240	1/2	71,188	1/2	83,157	1/2	95,125	1/2	107,093
3/4	468	3/4	11,893	3/4	23,863	3/4	35,625	3/4	47,529	3/4	59,489	3/4	71,437	3/4	83,406	3/4	95,374	3/4	107,343
2	560	2	12,143	2	24,112	2	35,868	2	47,779	2	59,737	2	71,687	2	83,655	2	95,624	2	107,592
1/4	724	1/4	12,392	1/4	24,361	1/4	36,111	1/4	48,028	1/4	59,986	1/4	71,936	1/4	83,905	1/4	95,873	1/4	107,841
1/2	888	1/2	12,642	1/2	24,611	1/2	36,354	1/2	48,277	1/2	60,235	1/2	72,186	1/2	84,154	1/2	96,122	1/2	108,091
3/4	1,051	3/4	12,891	3/4	24,860	3/4	36,596	3/4	48,526	3/4	60,484	3/4	72,435	3/4	84,404	3/4	96,372	3/4	108,340
3	1,215	3	13,140	3	25,109	3	36,839	3	48,776	3	60,732	3	72,684	3	84,653	3	96,621	3	108,589
1/4	1,452	1/4	13,390	1/4	25,359	1/4	37,082	1/4	49,025	1/4	60,981	1/4	72,934	1/4	84,902	1/4	96,870	1/4	108,839
1/2	1,688	1/2	13,639	1/2	25,608	1/2	37,324	1/2	49,274	1/2	61,230	1/2	73,183	1/2	85,152	1/2	97,119	1/2	109,088
3/4	1,925	3/4	13,888	3/4	25,857	3/4	37,567	3/4	49,523	3/4	61,479	3/4	73,432	3/4	85,401	3/4	97,369	3/4	109,337
4	2,162	4	14,138	4	26,107	4	37,810	4	49,772	4	61,727	4	73,682	4	85,650	4	97,618	4	109,587
1/4	2,411	1/4	14,387	1/4	26,356	1/4	38,059	1/4	50,022	1/4	61,976	1/4	73,931	1/4	85,900	1/4	97,867	1/4	109,836
1/2	2,660	1/2	14,636	1/2	26,606	1/2	38,308	1/2	50,271	1/2	62,225	1/2	74,180	1/2	86,149	1/2	98,117	1/2	110,085
3/4	2,909	3/4	14,886	3/4	26,855	3/4	38,558	3/4	50,520	3/4	62,474	3/4	74,430	3/4	86,398	3/4	98,366	3/4	110,335
5	3,159	5	15,135	5	27,104	5	38,807	5	50,769	5	62,722	5	74,679	5	86,648	5	98,615	5	110,584
1/4	3,408	1/4	15,385	1/4	27,354	1/4	39,056	1/4	51,018	1/4	62,971	1/4	74,928	1/4	86,897	1/4	98,865	1/4	110,833
1/2	3,658	1/2	15,634	1/2	27,603	1/2	39,305	1/2	51,268	1/2	63,220	1/2	75,178	1/2	87,146	1/2	99,114	1/2	111,083
3/4	3,908	3/4	15,883	3/4	27,852	3/4	39,554	3/4	51,517	3/4	63,469	3/4	75,427	3/4	87,396	3/4	99,363	3/4	111,332
6	4,158	6	16,133	6	28,102	6	39,804	6	51,766	6	63,717	6	75,676	6	87,645	6	99,613	6	111,581
1/4	4,408	1/4	16,382	1/4	28,344	1/4	40,053	1/4	52,015	1/4	63,966	1/4	75,926	1/4	87,894	1/4	99,862	1/4	111,831
1/2	4,657	1/2	16,631	1/2	28,587	1/2	40,302	1/2	52,265	1/2	64,215	1/2	76,175	1/2	88,144	1/2	100,111	1/2	112,080
3/4	4,907	3/4	16,881	3/4	28,830	3/4	40,551	3/4	52,514	3/4	64,464	3/4	76,424	3/4	88,393	3/4	100,361	3/4	112,329
7	5,157	7	17,130	7	29,072	7	40,801	7	52,763	7	64,712	7	76,674	7	88,642	7	100,610	7	112,579
1/4	5,407	1/4	17,379	1/4	29,315	1/4	41,050	1/4	53,012	1/4	64,961	1/4	76,923	1/4	88,892	1/4	100,860	1/4	112,828
1/2	5,656	1/2	17,629	1/2	29,558	1/2	41,299	1/2	53,261	1/2	65,210	1/2	77,172	1/2	89,141	1/2	101,109	1/2	113,078
3/4	5,906	3/4	17,878	3/4	29,801	3/4	41,548	3/4	53,511	3/4	65,459	3/4	77,422	3/4	89,390	3/4	101,358	3/4	113,327
8	6,156	8	18,127	8	30,043	8	41,797	8	53,760	8	65,707	8	77,671	8	89,640	8	101,608	8	113,576
1/4	6,405	1/4	18,377	1/4	30,286	1/4	42,047	1/4	54,009	1/4	65,956	1/4	77,920	1/4	89,889	1/4	101,857	1/4	113,826
1/2	6,655	1/2	18,626	1/2	30,529	1/2	42,296	1/2	54,258	1/2	66,205	1/2	78,170	1/2	90,138	1/2	102,106	1/2	114,075
3/4	6,904	3/4	18,876	3/4	30,771	3/4	42,545	3/4	54,508	3/4	66,454	3/4	78,419	3/4	90,388	3/4	102,356	3/4	114,324
9	7,153	9	19,125	9	31,014	9	42,794	9	54,757	9	66,702	9	78,669	9	90,637	9	102,605	9	114,574
1/4	7,403	1/4	19,374	1/4	31,257	1/4	43,043	1/4	55,006	1/4	66,951	1/4	78,918	1/4	90,886	1/4	102,854	1/4	114,823
1/2	7,653	1/2	19,624	1/2	31,499	1/2	43,293	1/2	55,255	1/2	67,200	1/2	79,167	1/2	91,136	1/2	103,104	1/2	115,072
3/4	7,902	3/4	19,873	3/4	31,742	3/4	43,542	3/4	55,504	3/4	67,449	3/4	79,417	3/4	91,385	3/4	103,353	3/4	115,322
10	8,152	10	20,122	10	31,985	10	43,791	10	55,754	10	67,697	10	79,666	10	91,634	10	103,602	10	115,571
1/4	8,402	1/4	20,372	1/4	32,228	1/4	44,040	1/4	56,003	1/4	67,947	1/4	79,915	1/4	91,884	1/4	103,852	1/4	115,820
1/2	8,651	1/2	20,621	1/2	32,470	1/2	44,290	1/2	56,252	1/2	68,196	1/2	80,165	1/2	92,133	1/2	104,101	1/2	116,070
3/4	8,901	3/4	20,870	3/4	32,713	3/4	44,539	3/4	56,501	3/4	68,445	3/4	80,414	3/4	92,382	3/4	104,350	3/4	116,319
11	9,150	11	21,120	11	32,956	11	44,788	11	56,750	11	68,695	11	80,663	11	92,632	11	104,600	11	116,568
1/4	9,400	1/4	21,369	1/4	33,198	1/4	45,037	1/4	57,000	1/4	68,944	1/4	80,913	1/4	92,881	1/4	104,849	1/4	116,818
1/2	9,649	1/2	21,618	1/2	33,441	1/2	45,286	1/2	57,249	1/2	69,193	1/2	81,162	1/2	93,130	1/2	105,098	1/2	117,068
3/4	9,899	3/4	21,868	3/4	33,684	3/4	45,536	3/4	57,498	3/4	69,443	3/4	81,411	3/4	93,380	3/4	105,348	3/4	117,318

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1974"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	117,568	0	128,147	0	135,900	0	143,653	0	151,398	0		0		0		0		0	
1/4	117,818	1/4	128,309	1/4	136,061	1/4	143,814	1/4	151,535	1/4		1/4		1/4		1/4		1/4	
1/2	118,067	1/2	128,470	1/2	136,223	1/2	143,976	1/2	151,672	1/2		1/2		1/2		1/2		1/2	
3/4	118,317	3/4	128,632	3/4	136,384	3/4	144,137	3/4	151,809	3/4		3/4		3/4		3/4		3/4	
1	118,567	1	128,793	1	136,546	1	144,299	1	151,946	1		1		1		1		1	
1/4	118,817	1/4	128,955	1/4	136,708	1/4	144,460	1/4	152,004	1/4		1/4		1/4		1/4		1/4	
1/2	119,067	1/2	129,116	1/2	136,869	1/2	144,622	1/2	152,061	1/2		1/2		1/2		1/2		1/2	
3/4	119,317	3/4	129,278	3/4	137,031	3/4	144,783	3/4	152,119	3/4		3/4		3/4		3/4		3/4	
2	119,566	2	129,439	2	137,192	2	144,945	2	152,176	2		2		2		2		2	
1/4	119,816	1/4	129,601	1/4	137,354	1/4	145,107	1/4	152,238	1/4		1/4		1/4		1/4		1/4	
1/2	120,066	1/2	129,762	1/2	137,515	1/2	145,268	1/2	152,301	1/2		1/2		1/2		1/2		1/2	
3/4	120,316	3/4	129,924	3/4	137,677	3/4	145,430	3/4	152,363	3/4		3/4		3/4		3/4		3/4	
3	120,566	3	130,085	3	137,838	3	145,591	3	152,426	3		3		3		3		3	
1/4	120,816	1/4	130,247	1/4	138,000	1/4	145,753	1/4	152,436	1/4		1/4		1/4		1/4		1/4	
1/2	121,066	1/2	130,408	1/2	138,161	1/2	145,914	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,315	3/4	130,570	3/4	138,323	3/4	146,076	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,565	4	130,731	4	138,484	4	146,237	4		4		4		4		4		4	
1/4	121,815	1/4	130,893	1/4	138,646	1/4	146,399	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,065	1/2	131,054	1/2	138,807	1/2	146,560	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,315	3/4	131,216	3/4	138,969	3/4	146,722	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,565	5	131,377	5	139,130	5	146,883	5		5		5		5		5		5	
1/4	122,814	1/4	131,539	1/4	139,292	1/4	147,045	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,064	1/2	131,700	1/2	139,453	1/2	147,206	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,314	3/4	131,862	3/4	139,615	3/4	147,368	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,564	6	132,023	6	139,776	6	147,529	6		6		6		6		6		6	
1/4	123,814	1/4	132,185	1/4	139,938	1/4	147,691	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,064	1/2	132,347	1/2	140,099	1/2	147,852	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,314	3/4	132,508	3/4	140,261	3/4	148,014	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,563	7	132,670	7	140,422	7	148,175	7		7		7		7		7		7	
1/4	124,813	1/4	132,831	1/4	140,584	1/4	148,337	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,063	1/2	132,993	1/2	140,746	1/2	148,498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,313	3/4	133,154	3/4	140,907	3/4	148,660	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,563	8	133,316	8	141,069	8	148,821	8		8		8		8		8		8	
1/4	125,724	1/4	133,477	1/4	141,230	1/4	148,983	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,886	1/2	133,639	1/2	141,392	1/2	149,144	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,047	3/4	133,800	3/4	141,553	3/4	149,306	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,209	9	133,962	9	141,715	9	149,468	9		9		9		9		9		9	
1/4	126,370	1/4	134,123	1/4	141,876	1/4	149,629	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,532	1/2	134,285	1/2	142,038	1/2	149,791	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,693	3/4	134,446	3/4	142,199	3/4	149,952	3/4		3/4		3/4		3/4		3/4		3/4	
10	126,855	10	134,608	10	142,361	10	150,113	10		10		10		10		10		10	
1/4	127,016	1/4	134,769	1/4	142,522	1/4	150,275	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,178	1/2	134,931	1/2	142,684	1/2	150,436	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,339	3/4	135,092	3/4	142,845	3/4	150,597	3/4		3/4		3/4		3/4		3/4		3/4	
11	127,501	11	135,254	11	143,007	11	150,758	11		11		11		11		11		11	
1/4	127,662	1/4	135,415	1/4	143,168	1/4	150,918	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,824	1/2	135,577	1/2	143,330	1/2	151,078	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,986	3/4	135,738	3/4	143,491	3/4	151,238	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/2016 CL
CALCULATED: 05/19/2016 CL
PRINTED: 05/19/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2016

PRECISION MEASUREMENT
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BARGE "IB 1974"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	26	0	10,096	0	21,618	0	32,970	0	44,380	0	55,902	0	67,424	0	78,946	0	90,468	0	101,990
1/4	66	1/4	10,336	1/4	21,858	1/4	33,203	1/4	44,620	1/4	56,142	1/4	67,664	1/4	79,186	1/4	90,708	1/4	102,230
1/2	106	1/2	10,576	1/2	22,098	1/2	33,436	1/2	44,860	1/2	56,382	1/2	67,904	1/2	79,426	1/2	90,948	1/2	102,470
3/4	146	3/4	10,816	3/4	22,338	3/4	33,669	3/4	45,100	3/4	56,622	3/4	68,144	3/4	79,666	3/4	91,188	3/4	102,711
1	186	1	11,056	1	22,578	1	33,902	1	45,340	1	56,862	1	68,384	1	79,906	1	91,428	1	102,951
1/4	306	1/4	11,296	1/4	22,818	1/4	34,135	1/4	45,580	1/4	57,102	1/4	68,624	1/4	80,146	1/4	91,668	1/4	103,191
1/2	426	1/2	11,536	1/2	23,058	1/2	34,368	1/2	45,820	1/2	57,342	1/2	68,864	1/2	80,386	1/2	91,909	1/2	103,431
3/4	546	3/4	11,776	3/4	23,298	3/4	34,601	3/4	46,060	3/4	57,582	3/4	69,104	3/4	80,626	3/4	92,149	3/4	103,671
2	666	2	12,016	2	23,538	2	34,834	2	46,300	2	57,822	2	69,344	2	80,867	2	92,389	2	103,911
1/4	866	1/4	12,256	1/4	23,778	1/4	35,067	1/4	46,540	1/4	58,062	1/4	69,584	1/4	81,107	1/4	92,629	1/4	104,151
1/2	1,066	1/2	12,496	1/2	24,018	1/2	35,300	1/2	46,780	1/2	58,302	1/2	69,824	1/2	81,347	1/2	92,869	1/2	104,391
3/4	1,266	3/4	12,736	3/4	24,258	3/4	35,533	3/4	47,020	3/4	58,542	3/4	70,065	3/4	81,587	3/4	93,109	3/4	104,631
3	1,466	3	12,976	3	24,498	3	35,766	3	47,260	3	58,782	3	70,305	3	81,827	3	93,349	3	104,871
1/4	1,704	1/4	13,217	1/4	24,738	1/4	35,999	1/4	47,500	1/4	59,023	1/4	70,545	1/4	82,067	1/4	93,589	1/4	105,111
1/2	1,942	1/2	13,457	1/2	24,978	1/2	36,232	1/2	47,740	1/2	59,263	1/2	70,785	1/2	82,307	1/2	93,829	1/2	105,351
3/4	2,180	3/4	13,697	3/4	25,218	3/4	36,465	3/4	47,980	3/4	59,503	3/4	71,025	3/4	82,547	3/4	94,069	3/4	105,591
4	2,418	4	13,937	4	25,458	4	36,698	4	48,221	4	59,743	4	71,265	4	82,787	4	94,309	4	105,831
1/4	2,657	1/4	14,177	1/4	25,698	1/4	36,938	1/4	48,461	1/4	59,983	1/4	71,505	1/4	83,027	1/4	94,549	1/4	106,071
1/2	2,897	1/2	14,417	1/2	25,938	1/2	37,179	1/2	48,701	1/2	60,223	1/2	71,745	1/2	83,267	1/2	94,789	1/2	106,311
3/4	3,136	3/4	14,657	3/4	26,178	3/4	37,419	3/4	48,941	3/4	60,463	3/4	71,985	3/4	83,507	3/4	95,029	3/4	106,551
5	3,376	5	14,897	5	26,418	5	37,659	5	49,181	5	60,703	5	72,225	5	83,747	5	95,269	5	106,791
1/4	3,616	1/4	15,137	1/4	26,658	1/4	37,899	1/4	49,421	1/4	60,943	1/4	72,465	1/4	83,987	1/4	95,509	1/4	107,031
1/2	3,856	1/2	15,377	1/2	26,899	1/2	38,139	1/2	49,661	1/2	61,183	1/2	72,705	1/2	84,227	1/2	95,749	1/2	107,271
3/4	4,095	3/4	15,617	3/4	27,139	3/4	38,379	3/4	49,901	3/4	61,423	3/4	72,945	3/4	84,467	3/4	95,989	3/4	107,511
6	4,335	6	15,857	6	27,379	6	38,619	6	50,141	6	61,663	6	73,185	6	84,707	6	96,229	6	107,751
1/4	4,575	1/4	16,097	1/4	27,612	1/4	38,859	1/4	50,381	1/4	61,903	1/4	73,425	1/4	84,947	1/4	96,469	1/4	107,991
1/2	4,816	1/2	16,337	1/2	27,845	1/2	39,099	1/2	50,621	1/2	62,143	1/2	73,665	1/2	85,187	1/2	96,709	1/2	108,232
3/4	5,056	3/4	16,577	3/4	28,078	3/4	39,339	3/4	50,861	3/4	62,383	3/4	73,905	3/4	85,427	3/4	96,949	3/4	108,472
7	5,296	7	16,817	7	28,311	7	39,579	7	51,101	7	62,623	7	74,145	7	85,667	7	97,189	7	108,712
1/4	5,536	1/4	17,057	1/4	28,544	1/4	39,819	1/4	51,341	1/4	62,863	1/4	74,385	1/4	85,907	1/4	97,430	1/4	108,952
1/2	5,776	1/2	17,297	1/2	28,776	1/2	40,059	1/2	51,581	1/2	63,103	1/2	74,625	1/2	86,147	1/2	97,670	1/2	109,192
3/4	6,016	3/4	17,537	3/4	29,009	3/4	40,299	3/4	51,821	3/4	63,343	3/4	74,865	3/4	86,388	3/4	97,910	3/4	109,432
8	6,256	8	17,777	8	29,242	8	40,539	8	52,061	8	63,583	8	75,105	8	86,628	8	98,150	8	109,672
1/4	6,496	1/4	18,017	1/4	29,475	1/4	40,779	1/4	52,301	1/4	63,823	1/4	75,346	1/4	86,868	1/4	98,390	1/4	109,912
1/2	6,736	1/2	18,257	1/2	29,708	1/2	41,019	1/2	52,541	1/2	64,063	1/2	75,586	1/2	87,108	1/2	98,630	1/2	110,152
3/4	6,976	3/4	18,497	3/4	29,941	3/4	41,259	3/4	52,781	3/4	64,303	3/4	75,826	3/4	87,348	3/4	98,870	3/4	110,392
9	7,216	9	18,737	9	30,174	9	41,499	9	53,021	9	64,544	9	76,066	9	87,588	9	99,110	9	110,632
1/4	7,456	1/4	18,977	1/4	30,407	1/4	41,739	1/4	53,261	1/4	64,784	1/4	76,306	1/4	87,828	1/4	99,350	1/4	110,872
1/2	7,696	1/2	19,217	1/2	30,640	1/2	41,979	1/2	53,502	1/2	65,024	1/2	76,546	1/2	88,068	1/2	99,590	1/2	111,112
3/4	7,936	3/4	19,457	3/4	30,873	3/4	42,219	3/4	53,742	3/4	65,264	3/4	76,786	3/4	88,308	3/4	99,830	3/4	111,352
10	8,176	10	19,697	10	31,106	10	42,459	10	53,982	10	65,504	10	77,026	10	88,548	10	100,070	10	111,592
1/4	8,416	1/4	19,938	1/4	31,339	1/4	42,700	1/4	54,222	1/4	65,744	1/4	77,266	1/4	88,788	1/4	100,310	1/4	111,832
1/2	8,656	1/2	20,178	1/2	31,572	1/2	42,940	1/2	54,462	1/2	65,984	1/2	77,506	1/2	89,028	1/2	100,550	1/2	112,072
3/4	8,896	3/4	20,418	3/4	31,805	3/4	43,180	3/4	54,702	3/4	66,224	3/4	77,746	3/4	89,268	3/4	100,790	3/4	112,312
11	9,136	11	20,658	11	32,038	11	43,420	11	54,942	11	66,464	11	77,986	11	89,508	11	101,030	11	112,552
1/4	9,376	1/4	20,898	1/4	32,271	1/4	43,660	1/4	55,182	1/4	66,704	1/4	78,226	1/4	89,748	1/4	101,270	1/4	112,792
1/2	9,616	1/2	21,138	1/2	32,504	1/2	43,900	1/2	55,422	1/2	66,944	1/2	78,466	1/2	89,988	1/2	101,510	1/2	113,032
3/4	9,856	3/4	21,378	3/4	32,737	3/4	44,140	3/4	55,662	3/4	67,184	3/4	78,706	3/4	90,228	3/4	101,750	3/4	113,272

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "IB 1974"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	113,512	0	125,035	0	136,557	0	148,079	0	159,593	0		0		0		0		0	
1/4	113,753	1/4	125,275	1/4	136,797	1/4	148,319	1/4	159,810	1/4		1/4		1/4		1/4		1/4	
1/2	113,993	1/2	125,515	1/2	137,037	1/2	148,559	1/2	160,026	1/2		1/2		1/2		1/2		1/2	
3/4	114,233	3/4	125,755	3/4	137,277	3/4	148,799	3/4	160,243	3/4		3/4		3/4		3/4		3/4	
1	114,473	1	125,995	1	137,517	1	149,039	1	160,460	1		1		1		1		1	
1/4	114,713	1/4	126,235	1/4	137,757	1/4	149,279	1/4	160,600	1/4		1/4		1/4		1/4		1/4	
1/2	114,953	1/2	126,475	1/2	137,997	1/2	149,519	1/2	160,740	1/2		1/2		1/2		1/2		1/2	
3/4	115,193	3/4	126,715	3/4	138,237	3/4	149,759	3/4	160,880	3/4		3/4		3/4		3/4		3/4	
2	115,433	2	126,955	2	138,477	2	149,999	2	161,020	2		2		2		2		2	
1/4	115,673	1/4	127,195	1/4	138,717	1/4	150,239	1/4	161,080	1/4		1/4		1/4		1/4		1/4	
1/2	115,913	1/2	127,435	1/2	138,957	1/2	150,479	1/2	161,140	1/2		1/2		1/2		1/2		1/2	
3/4	116,153	3/4	127,675	3/4	139,197	3/4	150,719	3/4	161,200	3/4		3/4		3/4		3/4		3/4	
3	116,393	3	127,915	3	139,437	3	150,959	3	161,260	3		3		3		3		3	
1/4	116,633	1/4	128,155	1/4	139,677	1/4	151,199	1/4	161,270	1/4		1/4		1/4		1/4		1/4	
1/2	116,873	1/2	128,395	1/2	139,917	1/2	151,439	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,113	3/4	128,635	3/4	140,157	3/4	151,679	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,353	4	128,875	4	140,397	4	151,920	4		4		4		4		4		4	
1/4	117,593	1/4	129,115	1/4	140,637	1/4	152,160	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,833	1/2	129,355	1/2	140,877	1/2	152,400	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,073	3/4	129,595	3/4	141,118	3/4	152,640	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,313	5	129,835	5	141,358	5	152,880	5		5		5		5		5		5	
1/4	118,553	1/4	130,075	1/4	141,598	1/4	153,120	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,793	1/2	130,315	1/2	141,838	1/2	153,360	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,033	3/4	130,555	3/4	142,078	3/4	153,600	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,274	6	130,795	6	142,318	6	153,840	6		6		6		6		6		6	
1/4	119,514	1/4	131,035	1/4	142,558	1/4	154,080	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,754	1/2	131,275	1/2	142,798	1/2	154,320	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,994	3/4	131,515	3/4	143,038	3/4	154,560	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,234	7	131,755	7	143,278	7	154,800	7		7		7		7		7		7	
1/4	120,474	1/4	131,995	1/4	143,518	1/4	155,040	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,714	1/2	132,235	1/2	143,758	1/2	155,280	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,954	3/4	132,475	3/4	143,998	3/4	155,520	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,194	8	132,715	8	144,238	8	155,760	8		8		8		8		8		8	
1/4	121,434	1/4	132,955	1/4	144,478	1/4	156,000	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,674	1/2	133,195	1/2	144,718	1/2	156,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,914	3/4	133,435	3/4	144,958	3/4	156,480	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,154	9	133,675	9	145,198	9	156,720	9		9		9		9		9		9	
1/4	122,394	1/4	133,915	1/4	145,438	1/4	156,960	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,634	1/2	134,155	1/2	145,678	1/2	157,200	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,874	3/4	134,395	3/4	145,918	3/4	157,440	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,114	10	134,635	10	146,158	10	157,680	10		10		10		10		10		10	
1/4	123,354	1/4	134,875	1/4	146,398	1/4	157,920	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,594	1/2	135,115	1/2	146,639	1/2	158,160	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,834	3/4	135,355	3/4	146,879	3/4	158,399	3/4		3/4		3/4		3/4		3/4		3/4	
11	124,074	11	135,595	11	147,119	11	158,639	11		11		11		11		11		11	
1/4	124,314	1/4	135,835	1/4	147,359	1/4	158,878	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,555	1/2	136,075	1/2	147,599	1/2	159,116	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,795	3/4	136,315	3/4	147,839	3/4	159,355	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/2016 CL
CALCULATED: 05/19/2016 CL
PRINTED: 05/19/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1974"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	26	0	10,026	0	21,467	0	32,897	0	44,332	0	55,773	0	67,215	0	78,656	0	90,098	0	101,539
1/4	66	1/4	10,264	1/4	21,705	1/4	33,135	1/4	44,570	1/4	56,012	1/4	67,453	1/4	78,895	1/4	90,336	1/4	101,778
1/2	106	1/2	10,502	1/2	21,943	1/2	33,373	1/2	44,809	1/2	56,250	1/2	67,692	1/2	79,133	1/2	90,575	1/2	102,016
3/4	145	3/4	10,741	3/4	22,182	3/4	33,611	3/4	45,047	3/4	56,488	3/4	67,930	3/4	79,371	3/4	90,813	3/4	102,254
1	185	1	10,979	1	22,420	1	33,849	1	45,285	1	56,727	1	68,168	1	79,610	1	91,051	1	102,493
1/4	304	1/4	11,217	1/4	22,659	1/4	34,087	1/4	45,524	1/4	56,965	1/4	68,407	1/4	79,848	1/4	91,290	1/4	102,731
1/2	424	1/2	11,456	1/2	22,897	1/2	34,325	1/2	45,762	1/2	57,204	1/2	68,645	1/2	80,087	1/2	91,528	1/2	102,969
3/4	543	3/4	11,694	3/4	23,135	3/4	34,562	3/4	46,000	3/4	57,442	3/4	68,883	3/4	80,325	3/4	91,766	3/4	103,208
2	662	2	11,933	2	23,374	2	34,800	2	46,239	2	57,680	2	69,122	2	80,563	2	92,005	2	103,446
1/4	860	1/4	12,171	1/4	23,612	1/4	35,038	1/4	46,477	1/4	57,919	1/4	69,360	1/4	80,802	1/4	92,243	1/4	103,685
1/2	1,059	1/2	12,409	1/2	23,850	1/2	35,276	1/2	46,715	1/2	58,157	1/2	69,598	1/2	81,040	1/2	92,481	1/2	103,923
3/4	1,257	3/4	12,648	3/4	24,089	3/4	35,514	3/4	46,954	3/4	58,395	3/4	69,837	3/4	81,278	3/4	92,720	3/4	104,161
3	1,456	3	12,886	3	24,327	3	35,752	3	47,192	3	58,634	3	70,075	3	81,517	3	92,958	3	104,400
1/4	1,692	1/4	13,124	1/4	24,565	1/4	35,990	1/4	47,431	1/4	58,872	1/4	70,314	1/4	81,755	1/4	93,197	1/4	104,638
1/2	1,929	1/2	13,363	1/2	24,804	1/2	36,228	1/2	47,669	1/2	59,110	1/2	70,552	1/2	81,993	1/2	93,435	1/2	104,876
3/4	2,165	3/4	13,601	3/4	25,042	3/4	36,466	3/4	47,907	3/4	59,349	3/4	70,790	3/4	82,232	3/4	93,673	3/4	105,115
4	2,401	4	13,839	4	25,280	4	36,704	4	48,146	4	59,587	4	71,029	4	82,470	4	93,912	4	105,353
1/4	2,639	1/4	14,078	1/4	25,519	1/4	36,943	1/4	48,384	1/4	59,826	1/4	71,267	1/4	82,709	1/4	94,150	1/4	105,592
1/2	2,877	1/2	14,316	1/2	25,757	1/2	37,181	1/2	48,622	1/2	60,064	1/2	71,505	1/2	82,947	1/2	94,388	1/2	105,830
3/4	3,114	3/4	14,554	3/4	25,996	3/4	37,419	3/4	48,861	3/4	60,302	3/4	71,744	3/4	83,185	3/4	94,627	3/4	106,068
5	3,352	5	14,793	5	26,234	5	37,658	5	49,099	5	60,541	5	71,982	5	83,424	5	94,865	5	106,307
1/4	3,590	1/4	15,031	1/4	26,472	1/4	37,896	1/4	49,337	1/4	60,779	1/4	72,220	1/4	83,662	1/4	95,103	1/4	106,545
1/2	3,829	1/2	15,270	1/2	26,711	1/2	38,134	1/2	49,576	1/2	61,017	1/2	72,459	1/2	83,900	1/2	95,342	1/2	106,783
3/4	4,067	3/4	15,508	3/4	26,949	3/4	38,373	3/4	49,814	3/4	61,256	3/4	72,697	3/4	84,139	3/4	95,580	3/4	107,022
6	4,305	6	15,746	6	27,187	6	38,611	6	50,053	6	61,494	6	72,936	6	84,377	6	95,819	6	107,260
1/4	4,544	1/4	15,985	1/4	27,425	1/4	38,849	1/4	50,291	1/4	61,732	1/4	73,174	1/4	84,615	1/4	96,057	1/4	107,498
1/2	4,782	1/2	16,223	1/2	27,663	1/2	39,088	1/2	50,529	1/2	61,971	1/2	73,412	1/2	84,854	1/2	96,295	1/2	107,737
3/4	5,020	3/4	16,461	3/4	27,901	3/4	39,326	3/4	50,768	3/4	62,209	3/4	73,651	3/4	85,092	3/4	96,534	3/4	107,975
7	5,259	7	16,700	7	28,139	7	39,565	7	51,006	7	62,448	7	73,889	7	85,331	7	96,772	7	108,214
1/4	5,497	1/4	16,938	1/4	28,377	1/4	39,803	1/4	51,244	1/4	62,686	1/4	74,127	1/4	85,569	1/4	97,010	1/4	108,452
1/2	5,735	1/2	17,176	1/2	28,615	1/2	40,041	1/2	51,483	1/2	62,924	1/2	74,366	1/2	85,807	1/2	97,249	1/2	108,690
3/4	5,974	3/4	17,415	3/4	28,853	3/4	40,280	3/4	51,721	3/4	63,163	3/4	74,604	3/4	86,046	3/4	97,487	3/4	108,929
8	6,212	8	17,653	8	29,091	8	40,518	8	51,959	8	63,401	8	74,842	8	86,284	8	97,725	8	109,167
1/4	6,450	1/4	17,891	1/4	29,328	1/4	40,756	1/4	52,198	1/4	63,639	1/4	75,081	1/4	86,522	1/4	97,964	1/4	109,405
1/2	6,689	1/2	18,130	1/2	29,566	1/2	40,995	1/2	52,436	1/2	63,878	1/2	75,319	1/2	86,761	1/2	98,202	1/2	109,644
3/4	6,927	3/4	18,368	3/4	29,804	3/4	41,233	3/4	52,675	3/4	64,116	3/4	75,558	3/4	86,999	3/4	98,441	3/4	109,882
9	7,165	9	18,606	9	30,042	9	41,471	9	52,913	9	64,354	9	75,796	9	87,237	9	98,679	9	110,120
1/4	7,404	1/4	18,845	1/4	30,280	1/4	41,710	1/4	53,151	1/4	64,593	1/4	76,034	1/4	87,476	1/4	98,917	1/4	110,359
1/2	7,642	1/2	19,083	1/2	30,518	1/2	41,948	1/2	53,390	1/2	64,831	1/2	76,273	1/2	87,714	1/2	99,156	1/2	110,597
3/4	7,881	3/4	19,322	3/4	30,756	3/4	42,187	3/4	53,628	3/4	65,070	3/4	76,511	3/4	87,953	3/4	99,394	3/4	110,836
10	8,119	10	19,560	10	30,994	10	42,425	10	53,866	10	65,308	10	76,749	10	88,191	10	99,632	10	111,074
1/4	8,357	1/4	19,798	1/4	31,232	1/4	42,663	1/4	54,105	1/4	65,546	1/4	76,988	1/4	88,429	1/4	99,871	1/4	111,312
1/2	8,596	1/2	20,037	1/2	31,470	1/2	42,902	1/2	54,343	1/2	65,785	1/2	77,226	1/2	88,668	1/2	100,109	1/2	111,551
3/4	8,834	3/4	20,275	3/4	31,708	3/4	43,140	3/4	54,582	3/4	66,023	3/4	77,464	3/4	88,906	3/4	100,347	3/4	111,789
11	9,072	11	20,513	11	31,945	11	43,378	11	54,820	11	66,261	11	77,703	11	89,144	11	100,586	11	112,027
1/4	9,311	1/4	20,752	1/4	32,183	1/4	43,617	1/4	55,058	1/4	66,500	1/4	77,941	1/4	89,383	1/4	100,824	1/4	112,266
1/2	9,549	1/2	20,990	1/2	32,421	1/2	43,855	1/2	55,297	1/2	66,738	1/2	78,180	1/2	89,621	1/2	101,063	1/2	112,504
3/4	9,787	3/4	21,228	3/4	32,659	3/4	44,093	3/4	55,535	3/4	66,976	3/4	78,418	3/4	89,859	3/4	101,301	3/4	112,742

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "IB 1974"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	112,981	0	124,422	0	135,864	0	147,305	0	158,739	0		0		0		0		0	
1/4	113,219	1/4	124,661	1/4	136,102	1/4	147,544	1/4	158,954	1/4		1/4		1/4		1/4		1/4	
1/2	113,458	1/2	124,899	1/2	136,341	1/2	147,782	1/2	159,169	1/2		1/2		1/2		1/2		1/2	
3/4	113,696	3/4	125,137	3/4	136,579	3/4	148,020	3/4	159,384	3/4		3/4		3/4		3/4		3/4	
1	113,934	1	125,376	1	136,817	1	148,259	1	159,600	1		1		1		1		1	
1/4	114,173	1/4	125,614	1/4	137,056	1/4	148,497	1/4	159,739	1/4		1/4		1/4		1/4		1/4	
1/2	114,411	1/2	125,852	1/2	137,294	1/2	148,735	1/2	159,878	1/2		1/2		1/2		1/2		1/2	
3/4	114,649	3/4	126,091	3/4	137,532	3/4	148,974	3/4	160,017	3/4		3/4		3/4		3/4		3/4	
2	114,888	2	126,329	2	137,771	2	149,212	2	160,156	2		2		2		2		2	
1/4	115,126	1/4	126,568	1/4	138,009	1/4	149,451	1/4	160,215	1/4		1/4		1/4		1/4		1/4	
1/2	115,364	1/2	126,806	1/2	138,247	1/2	149,689	1/2	160,275	1/2		1/2		1/2		1/2		1/2	
3/4	115,603	3/4	127,044	3/4	138,486	3/4	149,927	3/4	160,334	3/4		3/4		3/4		3/4		3/4	
3	115,841	3	127,283	3	138,724	3	150,166	3	160,394	3		3		3		3		3	
1/4	116,080	1/4	127,521	1/4	138,963	1/4	150,404	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	116,318	1/2	127,759	1/2	139,201	1/2	150,642	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	116,556	3/4	127,998	3/4	139,439	3/4	150,881	3/4	160,404	3/4		3/4		3/4		3/4		3/4	
4	116,795	4	128,236	4	139,678	4	151,119	4	160,404	4		4		4		4		4	
1/4	117,033	1/4	128,474	1/4	139,916	1/4	151,357	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	117,271	1/2	128,713	1/2	140,154	1/2	151,596	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	117,510	3/4	128,951	3/4	140,393	3/4	151,834	3/4	160,404	3/4		3/4		3/4		3/4		3/4	
5	117,748	5	129,190	5	140,631	5	152,073	5	160,404	5		5		5		5		5	
1/4	117,986	1/4	129,428	1/4	140,869	1/4	152,311	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	118,225	1/2	129,666	1/2	141,108	1/2	152,549	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	118,463	3/4	129,905	3/4	141,346	3/4	152,788	3/4	160,404	3/4		3/4		3/4		3/4		3/4	
6	118,702	6	130,143	6	141,585	6	153,026	6	160,404	6		6		6		6		6	
1/4	118,940	1/4	130,381	1/4	141,823	1/4	153,264	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	119,178	1/2	130,620	1/2	142,061	1/2	153,503	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	119,417	3/4	130,858	3/4	142,300	3/4	153,741	3/4	160,404	3/4		3/4		3/4		3/4		3/4	
7	119,655	7	131,097	7	142,538	7	153,979	7	160,404	7		7		7		7		7	
1/4	119,893	1/4	131,335	1/4	142,776	1/4	154,218	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	120,132	1/2	131,573	1/2	143,015	1/2	154,456	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	120,370	3/4	131,812	3/4	143,253	3/4	154,695	3/4	160,404	3/4		3/4		3/4		3/4		3/4	
8	120,608	8	132,050	8	143,491	8	154,933	8	160,404	8		8		8		8		8	
1/4	120,847	1/4	132,288	1/4	143,730	1/4	155,171	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	121,085	1/2	132,527	1/2	143,968	1/2	155,410	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	121,324	3/4	132,765	3/4	144,207	3/4	155,648	3/4	160,404	3/4		3/4		3/4		3/4		3/4	
9	121,562	9	133,003	9	144,445	9	155,886	9	160,404	9		9		9		9		9	
1/4	121,800	1/4	133,242	1/4	144,683	1/4	156,125	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	122,039	1/2	133,480	1/2	144,922	1/2	156,363	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	122,277	3/4	133,719	3/4	145,160	3/4	156,601	3/4	160,404	3/4		3/4		3/4		3/4		3/4	
10	122,515	10	133,957	10	145,398	10	156,840	10	160,404	10		10		10		10		10	
1/4	122,754	1/4	134,195	1/4	145,637	1/4	157,078	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	122,992	1/2	134,434	1/2	145,875	1/2	157,316	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	123,230	3/4	134,672	3/4	146,113	3/4	157,554	3/4	160,404	3/4		3/4		3/4		3/4		3/4	
11	123,469	11	134,910	11	146,352	11	157,792	11	160,404	11		11		11		11		11	
1/4	123,707	1/4	135,149	1/4	146,590	1/4	158,028	1/4	160,404	1/4		1/4		1/4		1/4		1/4	
1/2	123,946	1/2	135,387	1/2	146,829	1/2	158,265	1/2	160,404	1/2		1/2		1/2		1/2		1/2	
3/4	124,184	3/4	135,625	3/4	147,067	3/4	158,502	3/4	160,404	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/18/2016 CL
CALCULATED: 05/19/2016 CL
PRINTED: 05/19/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2016

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