



BARGE "IB 1084"

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	- 00-1/8	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
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8

(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 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-00"

August 6, 2015

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1084"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	234	0	11,477	0	23,951	0	36,262	0	48,640	0	61,106	0	73,557	0	86,030	0	98,503	0	110,976
1/4	310	1/4	11,737	1/4	24,211	1/4	36,516	1/4	48,899	1/4	61,365	1/4	73,816	1/4	86,290	1/4	98,763	1/4	111,236
1/2	386	1/2	11,997	1/2	24,471	1/2	36,769	1/2	49,159	1/2	61,625	1/2	74,076	1/2	86,550	1/2	99,023	1/2	111,496
3/4	462	3/4	12,257	3/4	24,731	3/4	37,023	3/4	49,419	3/4	61,884	3/4	74,336	3/4	86,810	3/4	99,283	3/4	111,756
1	538	1	12,517	1	24,991	1	37,276	1	49,679	1	62,143	1	74,596	1	87,070	1	99,543	1	112,016
1/4	701	1/4	12,777	1/4	25,250	1/4	37,530	1/4	49,938	1/4	62,403	1/4	74,856	1/4	87,329	1/4	99,802	1/4	112,275
1/2	864	1/2	13,036	1/2	25,510	1/2	37,783	1/2	50,198	1/2	62,662	1/2	75,116	1/2	87,589	1/2	100,062	1/2	112,535
3/4	1,026	3/4	13,296	3/4	25,770	3/4	38,037	3/4	50,458	3/4	62,921	3/4	75,376	3/4	87,849	3/4	100,322	3/4	112,795
2	1,189	2	13,556	2	26,030	2	38,291	2	50,717	2	63,180	2	75,635	2	88,109	2	100,582	2	113,055
1/4	1,421	1/4	13,816	1/4	26,290	1/4	38,544	1/4	50,977	1/4	63,440	1/4	75,895	1/4	88,369	1/4	100,842	1/4	113,315
1/2	1,654	1/2	14,076	1/2	26,550	1/2	38,798	1/2	51,237	1/2	63,699	1/2	76,155	1/2	88,629	1/2	101,102	1/2	113,575
3/4	1,886	3/4	14,336	3/4	26,810	3/4	39,051	3/4	51,497	3/4	63,958	3/4	76,415	3/4	88,889	3/4	101,361	3/4	113,835
3	2,119	3	14,596	3	27,070	3	39,305	3	51,756	3	64,217	3	76,675	3	89,148	3	101,621	3	114,095
1/4	2,378	1/4	14,856	1/4	27,329	1/4	39,560	1/4	52,016	1/4	64,477	1/4	76,935	1/4	89,408	1/4	101,881	1/4	114,354
1/2	2,636	1/2	15,115	1/2	27,589	1/2	39,816	1/2	52,276	1/2	64,736	1/2	77,195	1/2	89,668	1/2	102,141	1/2	114,614
3/4	2,895	3/4	15,375	3/4	27,849	3/4	40,072	3/4	52,536	3/4	64,995	3/4	77,455	3/4	89,928	3/4	102,401	3/4	114,874
4	3,154	4	15,635	4	28,109	4	40,328	4	52,795	4	65,254	4	77,714	4	90,188	4	102,661	4	115,134
1/4	3,414	1/4	15,895	1/4	28,369	1/4	40,588	1/4	53,055	1/4	65,514	1/4	77,974	1/4	90,448	1/4	102,920	1/4	115,394
1/2	3,674	1/2	16,155	1/2	28,629	1/2	40,848	1/2	53,315	1/2	65,773	1/2	78,234	1/2	90,708	1/2	103,180	1/2	115,654
3/4	3,934	3/4	16,415	3/4	28,889	3/4	41,107	3/4	53,575	3/4	66,032	3/4	78,494	3/4	90,967	3/4	103,440	3/4	115,914
5	4,194	5	16,675	5	29,149	5	41,367	5	53,834	5	66,291	5	78,754	5	91,227	5	103,700	5	116,173
1/4	4,454	1/4	16,935	1/4	29,406	1/4	41,627	1/4	54,094	1/4	66,551	1/4	79,014	1/4	91,487	1/4	103,960	1/4	116,433
1/2	4,715	1/2	17,194	1/2	29,664	1/2	41,886	1/2	54,354	1/2	66,810	1/2	79,274	1/2	91,747	1/2	104,220	1/2	116,693
3/4	4,975	3/4	17,454	3/4	29,921	3/4	42,146	3/4	54,614	3/4	67,069	3/4	79,533	3/4	92,007	3/4	104,480	3/4	116,953
6	5,235	6	17,714	6	30,179	6	42,406	6	54,873	6	67,329	6	79,793	6	92,267	6	104,739	6	117,213
1/4	5,495	1/4	17,974	1/4	30,432	1/4	42,666	1/4	55,133	1/4	67,588	1/4	80,053	1/4	92,527	1/4	104,999	1/4	117,473
1/2	5,756	1/2	18,234	1/2	30,686	1/2	42,925	1/2	55,393	1/2	67,847	1/2	80,313	1/2	92,787	1/2	105,259	1/2	117,733
3/4	6,016	3/4	18,494	3/4	30,939	3/4	43,185	3/4	55,652	3/4	68,106	3/4	80,573	3/4	93,046	3/4	105,519	3/4	117,992
7	6,276	7	18,754	7	31,193	7	43,445	7	55,912	7	68,366	7	80,833	7	93,306	7	105,779	7	118,252
1/4	6,536	1/4	19,014	1/4	31,446	1/4	43,705	1/4	56,172	1/4	68,625	1/4	81,093	1/4	93,566	1/4	106,039	1/4	118,512
1/2	6,797	1/2	19,273	1/2	31,699	1/2	43,964	1/2	56,432	1/2	68,884	1/2	81,353	1/2	93,826	1/2	106,299	1/2	118,772
3/4	7,057	3/4	19,533	3/4	31,953	3/4	44,224	3/4	56,691	3/4	69,143	3/4	81,612	3/4	94,086	3/4	106,558	3/4	119,032
8	7,317	8	19,793	8	32,206	8	44,484	8	56,951	8	69,403	8	81,872	8	94,346	8	106,818	8	119,292
1/4	7,577	1/4	20,053	1/4	32,460	1/4	44,744	1/4	57,211	1/4	69,662	1/4	82,132	1/4	94,606	1/4	107,078	1/4	119,552
1/2	7,837	1/2	20,313	1/2	32,713	1/2	45,003	1/2	57,471	1/2	69,921	1/2	82,392	1/2	94,865	1/2	107,338	1/2	119,812
3/4	8,097	3/4	20,573	3/4	32,967	3/4	45,263	3/4	57,730	3/4	70,180	3/4	82,652	3/4	95,125	3/4	107,598	3/4	120,071
9	8,357	9	20,833	9	33,220	9	45,523	9	57,990	9	70,440	9	82,912	9	95,385	9	107,858	9	120,331
1/4	8,617	1/4	21,093	1/4	33,474	1/4	45,783	1/4	58,250	1/4	70,699	1/4	83,172	1/4	95,645	1/4	108,118	1/4	120,577
1/2	8,877	1/2	21,352	1/2	33,727	1/2	46,042	1/2	58,510	1/2	70,959	1/2	83,431	1/2	95,905	1/2	108,378	1/2	120,822
3/4	9,137	3/4	21,612	3/4	33,981	3/4	46,302	3/4	58,769	3/4	71,218	3/4	83,691	3/4	96,165	3/4	108,637	3/4	121,068
10	9,397	10	21,872	10	34,234	10	46,562	10	59,029	10	71,478	10	83,951	10	96,424	10	108,897	10	121,314
1/4	9,657	1/4	22,132	1/4	34,488	1/4	46,821	1/4	59,289	1/4	71,738	1/4	84,211	1/4	96,684	1/4	109,157	1/4	121,536
1/2	9,917	1/2	22,392	1/2	34,741	1/2	47,081	1/2	59,548	1/2	71,997	1/2	84,471	1/2	96,944	1/2	109,417	1/2	121,758
3/4	10,178	3/4	22,652	3/4	34,995	3/4	47,341	3/4	59,808	3/4	72,257	3/4	84,731	3/4	97,204	3/4	109,677	3/4	121,980
11	10,438	11	22,912	11	35,248	11	47,601	11	60,068	11	72,517	11	84,991	11	97,464	11	109,937	11	122,202
1/4	10,697	1/4	23,171	1/4	35,502	1/4	47,860	1/4	60,328	1/4	72,777	1/4	85,250	1/4	97,724	1/4	110,197	1/4	122,424
1/2	10,957	1/2	23,431	1/2	35,755	1/2	48,120	1/2	60,587	1/2	73,037	1/2	85,510	1/2	97,984	1/2	110,456	1/2	122,646
3/4	11,217	3/4	23,691	3/4	36,009	3/4	48,380	3/4	60,847	3/4	73,297	3/4	85,770	3/4	98,243	3/4	110,716	3/4	122,869

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1084"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	123,091	0	133,763	0	144,435	0	155,106	0	166,714	0		0		0		0		0	
1/4	123,313	1/4	133,985	1/4	144,657	1/4	155,329	1/4	166,927	1/4		1/4		1/4		1/4		1/4	
1/2	123,536	1/2	134,207	1/2	144,879	1/2	155,551	1/2	167,139	1/2		1/2		1/2		1/2		1/2	
3/4	123,758	3/4	134,430	3/4	145,102	3/4	155,773	3/4	167,351	3/4		3/4		3/4		3/4		3/4	
1	123,980	1	134,652	1	145,324	1	155,996	1	167,564	1		1		1		1		1	
1/4	124,203	1/4	134,874	1/4	145,546	1/4	156,218	1/4	167,694	1/4		1/4		1/4		1/4		1/4	
1/2	124,425	1/2	135,097	1/2	145,769	1/2	156,440	1/2	167,824	1/2		1/2		1/2		1/2		1/2	
3/4	124,647	3/4	135,319	3/4	145,991	3/4	156,663	3/4	167,954	3/4		3/4		3/4		3/4		3/4	
2	124,870	2	135,541	2	146,213	2	156,885	2	168,085	2		2		2		2		2	
1/4	125,092	1/4	135,764	1/4	146,435	1/4	157,107	1/4	168,138	1/4		1/4		1/4		1/4		1/4	
1/2	125,314	1/2	135,986	1/2	146,658	1/2	157,330	1/2	168,192	1/2		1/2		1/2		1/2		1/2	
3/4	125,537	3/4	136,208	3/4	146,880	3/4	157,552	3/4	168,245	3/4		3/4		3/4		3/4		3/4	
3	125,759	3	136,431	3	147,102	3	157,774	3	168,299	3		3		3		3		3	
1/4	125,981	1/4	136,653	1/4	147,325	1/4	157,997	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,204	1/2	136,875	1/2	147,547	1/2	158,219	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,426	3/4	137,098	3/4	147,769	3/4	158,441	3/4		3/4		3/4		3/4		3/4		3/4	
4	126,648	4	137,320	4	147,992	4	158,664	4		4		4		4		4		4	
1/4	126,871	1/4	137,542	1/4	148,214	1/4	158,886	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,093	1/2	137,765	1/2	148,436	1/2	159,108	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,315	3/4	137,987	3/4	148,659	3/4	159,331	3/4		3/4		3/4		3/4		3/4		3/4	
5	127,538	5	138,209	5	148,881	5	159,553	5		5		5		5		5		5	
1/4	127,760	1/4	138,432	1/4	149,103	1/4	159,789	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,982	1/2	138,654	1/2	149,326	1/2	160,026	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,205	3/4	138,876	3/4	149,548	3/4	160,263	3/4		3/4		3/4		3/4		3/4		3/4	
6	128,427	6	139,099	6	149,770	6	160,499	6		6		6		6		6		6	
1/4	128,649	1/4	139,321	1/4	149,993	1/4	160,760	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,872	1/2	139,543	1/2	150,215	1/2	161,020	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,094	3/4	139,766	3/4	150,437	3/4	161,280	3/4		3/4		3/4		3/4		3/4		3/4	
7	129,316	7	139,988	7	150,660	7	161,541	7		7		7		7		7		7	
1/4	129,539	1/4	140,210	1/4	150,882	1/4	161,801	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,761	1/2	140,433	1/2	151,104	1/2	162,061	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,983	3/4	140,655	3/4	151,327	3/4	162,322	3/4		3/4		3/4		3/4		3/4		3/4	
8	130,206	8	140,877	8	151,549	8	162,582	8		8		8		8		8		8	
1/4	130,428	1/4	141,100	1/4	151,771	1/4	162,843	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	130,650	1/2	141,322	1/2	151,994	1/2	163,103	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130,873	3/4	141,544	3/4	152,216	3/4	163,363	3/4		3/4		3/4		3/4		3/4		3/4	
9	131,095	9	141,767	9	152,438	9	163,624	9		9		9		9		9		9	
1/4	131,317	1/4	141,989	1/4	152,661	1/4	163,884	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131,539	1/2	142,211	1/2	152,883	1/2	164,144	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131,762	3/4	142,434	3/4	153,105	3/4	164,404	3/4		3/4		3/4		3/4		3/4		3/4	
10	131,984	10	142,656	10	153,328	10	164,665	10		10		10		10		10		10	
1/4	132,206	1/4	142,878	1/4	153,550	1/4	164,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132,429	1/2	143,101	1/2	153,772	1/2	165,184	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	132,651	3/4	143,323	3/4	153,995	3/4	165,444	3/4		3/4		3/4		3/4		3/4		3/4	
11	132,873	11	143,545	11	154,217	11	165,703	11		11		11		11		11		11	
1/4	133,096	1/4	143,768	1/4	154,439	1/4	165,956	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	133,318	1/2	143,990	1/2	154,662	1/2	166,209	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133,540	3/4	144,212	3/4	154,884	3/4	166,461	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/05/2015 CL
CALCULATED: 08/06/2015 CL
PRINTED: 08/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
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BARGE "IB 1084"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	84	0	10,049	0	21,121	0	32,032	0	43,012	0	54,084	0	65,156	0	76,228	0	87,300	0	98,372
1/4	151	1/4	10,280	1/4	21,352	1/4	32,256	1/4	43,243	1/4	54,315	1/4	65,387	1/4	76,459	1/4	87,531	1/4	98,602
1/2	219	1/2	10,511	1/2	21,582	1/2	32,480	1/2	43,474	1/2	54,546	1/2	65,617	1/2	76,689	1/2	87,761	1/2	98,833
3/4	286	3/4	10,741	3/4	21,813	3/4	32,705	3/4	43,704	3/4	54,776	3/4	65,848	3/4	76,920	3/4	87,992	3/4	99,064
1	353	1	10,972	1	22,044	1	32,929	1	43,935	1	55,007	1	66,079	1	77,151	1	88,223	1	99,294
1/4	497	1/4	11,203	1/4	22,274	1/4	33,153	1/4	44,166	1/4	55,238	1/4	66,309	1/4	77,381	1/4	88,453	1/4	99,525
1/2	641	1/2	11,433	1/2	22,505	1/2	33,378	1/2	44,396	1/2	55,468	1/2	66,540	1/2	77,612	1/2	88,684	1/2	99,756
3/4	785	3/4	11,664	3/4	22,735	3/4	33,602	3/4	44,627	3/4	55,699	3/4	66,771	3/4	77,843	3/4	88,915	3/4	99,986
2	930	2	11,895	2	22,966	2	33,826	2	44,858	2	55,930	2	67,001	2	78,073	2	89,145	2	100,217
1/4	1,135	1/4	12,125	1/4	23,197	1/4	34,051	1/4	45,088	1/4	56,160	1/4	67,232	1/4	78,304	1/4	89,376	1/4	100,448
1/2	1,341	1/2	12,356	1/2	23,427	1/2	34,275	1/2	45,319	1/2	56,391	1/2	67,463	1/2	78,535	1/2	89,607	1/2	100,678
3/4	1,547	3/4	12,587	3/4	23,658	3/4	34,500	3/4	45,550	3/4	56,622	3/4	67,693	3/4	78,765	3/4	89,837	3/4	100,909
3	1,753	3	12,817	3	23,889	3	34,724	3	45,780	3	56,852	3	67,924	3	78,996	3	90,068	3	101,140
1/4	1,982	1/4	13,048	1/4	24,119	1/4	34,951	1/4	46,011	1/4	57,083	1/4	68,155	1/4	79,227	1/4	90,299	1/4	101,370
1/2	2,212	1/2	13,279	1/2	24,350	1/2	35,178	1/2	46,242	1/2	57,313	1/2	68,385	1/2	79,457	1/2	90,529	1/2	101,601
3/4	2,441	3/4	13,509	3/4	24,581	3/4	35,404	3/4	46,472	3/4	57,544	3/4	68,616	3/4	79,688	3/4	90,760	3/4	101,832
4	2,670	4	13,740	4	24,811	4	35,631	4	46,703	4	57,775	4	68,847	4	79,919	4	90,991	4	102,062
1/4	2,901	1/4	13,971	1/4	25,042	1/4	35,862	1/4	46,934	1/4	58,005	1/4	69,077	1/4	80,149	1/4	91,221	1/4	102,293
1/2	3,131	1/2	14,201	1/2	25,273	1/2	36,092	1/2	47,164	1/2	58,236	1/2	69,308	1/2	80,380	1/2	91,452	1/2	102,524
3/4	3,361	3/4	14,432	3/4	25,503	3/4	36,323	3/4	47,395	3/4	58,467	3/4	69,539	3/4	80,611	3/4	91,683	3/4	102,754
5	3,591	5	14,663	5	25,734	5	36,554	5	47,626	5	58,697	5	69,769	5	80,841	5	91,913	5	102,985
1/4	3,822	1/4	14,893	1/4	25,964	1/4	36,784	1/4	47,856	1/4	58,928	1/4	70,000	1/4	81,072	1/4	92,144	1/4	103,216
1/2	4,053	1/2	15,124	1/2	26,191	1/2	37,015	1/2	48,087	1/2	59,159	1/2	70,231	1/2	81,303	1/2	92,375	1/2	103,446
3/4	4,283	3/4	15,355	3/4	26,419	3/4	37,246	3/4	48,318	3/4	59,389	3/4	70,461	3/4	81,533	3/4	92,605	3/4	103,677
6	4,514	6	15,585	6	26,647	6	37,476	6	48,548	6	59,620	6	70,692	6	81,764	6	92,836	6	103,908
1/4	4,745	1/4	15,816	1/4	26,872	1/4	37,707	1/4	48,779	1/4	59,851	1/4	70,923	1/4	81,995	1/4	93,067	1/4	104,138
1/2	4,975	1/2	16,046	1/2	27,096	1/2	37,938	1/2	49,010	1/2	60,081	1/2	71,153	1/2	82,225	1/2	93,297	1/2	104,369
3/4	5,206	3/4	16,277	3/4	27,320	3/4	38,168	3/4	49,240	3/4	60,312	3/4	71,384	3/4	82,456	3/4	93,528	3/4	104,600
7	5,437	7	16,508	7	27,545	7	38,399	7	49,471	7	60,543	7	71,615	7	82,687	7	93,759	7	104,830
1/4	5,667	1/4	16,738	1/4	27,769	1/4	38,630	1/4	49,702	1/4	60,773	1/4	71,845	1/4	82,917	1/4	93,989	1/4	105,061
1/2	5,898	1/2	16,969	1/2	27,993	1/2	38,860	1/2	49,932	1/2	61,004	1/2	72,076	1/2	83,148	1/2	94,220	1/2	105,292
3/4	6,128	3/4	17,200	3/4	28,218	3/4	39,091	3/4	50,163	3/4	61,235	3/4	72,307	3/4	83,379	3/4	94,450	3/4	105,522
8	6,359	8	17,430	8	28,442	8	39,322	8	50,394	8	61,465	8	72,537	8	83,609	8	94,681	8	105,753
1/4	6,590	1/4	17,661	1/4	28,666	1/4	39,552	1/4	50,624	1/4	61,696	1/4	72,768	1/4	83,840	1/4	94,912	1/4	105,984
1/2	6,820	1/2	17,892	1/2	28,891	1/2	39,783	1/2	50,855	1/2	61,927	1/2	72,999	1/2	84,071	1/2	95,142	1/2	106,214
3/4	7,051	3/4	18,122	3/4	29,115	3/4	40,014	3/4	51,086	3/4	62,157	3/4	73,229	3/4	84,301	3/4	95,373	3/4	106,445
9	7,282	9	18,353	9	29,339	9	40,244	9	51,316	9	62,388	9	73,460	9	84,532	9	95,604	9	106,676
1/4	7,512	1/4	18,584	1/4	29,564	1/4	40,475	1/4	51,547	1/4	62,619	1/4	73,691	1/4	84,763	1/4	95,834	1/4	106,906
1/2	7,743	1/2	18,814	1/2	29,788	1/2	40,706	1/2	51,778	1/2	62,849	1/2	73,921	1/2	84,993	1/2	96,065	1/2	107,137
3/4	7,974	3/4	19,045	3/4	30,012	3/4	40,936	3/4	52,008	3/4	63,080	3/4	74,152	3/4	85,224	3/4	96,296	3/4	107,368
10	8,204	10	19,276	10	30,237	10	41,167	10	52,239	10	63,311	10	74,383	10	85,455	10	96,526	10	107,598
1/4	8,435	1/4	19,506	1/4	30,461	1/4	41,398	1/4	52,470	1/4	63,541	1/4	74,613	1/4	85,685	1/4	96,757	1/4	107,829
1/2	8,666	1/2	19,737	1/2	30,685	1/2	41,628	1/2	52,700	1/2	63,772	1/2	74,844	1/2	85,916	1/2	96,988	1/2	108,060
3/4	8,896	3/4	19,968	3/4	30,910	3/4	41,859	3/4	52,931	3/4	64,003	3/4	75,075	3/4	86,147	3/4	97,218	3/4	108,290
11	9,127	11	20,198	11	31,134	11	42,090	11	53,162	11	64,233	11	75,305	11	86,377	11	97,449	11	108,521
1/4	9,357	1/4	20,429	1/4	31,358	1/4	42,320	1/4	53,392	1/4	64,464	1/4	75,536	1/4	86,608	1/4	97,680	1/4	108,752
1/2	9,588	1/2	20,660	1/2	31,583	1/2	42,551	1/2	53,623	1/2	64,695	1/2	75,767	1/2	86,839	1/2	97,910	1/2	108,982
3/4	9,819	3/4	20,890	3/4	31,807	3/4	42,782	3/4	53,854	3/4	64,925	3/4	75,997	3/4	87,069	3/4	98,141	3/4	109,213

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'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





BARGE "IB 1084"

2 CENTER INNAGE TABLE

GAUGE HEIGHT 15'-03 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	109,444	0	120,516	0	131,587	0	142,659	0	153,701	0		0		0		0		0	
1/4	109,674	1/4	120,746	1/4	131,818	1/4	142,890	1/4	153,889	1/4		1/4		1/4		1/4		1/4	
1/2	109,905	1/2	120,977	1/2	132,049	1/2	143,121	1/2	154,078	1/2		1/2		1/2		1/2		1/2	
3/4	110,136	3/4	121,208	3/4	132,279	3/4	143,351	3/4	154,266	3/4		3/4		3/4		3/4		3/4	
1	110,366	1	121,438	1	132,510	1	143,582	1	154,454	1		1		1		1		1	
1/4	110,597	1/4	121,669	1/4	132,741	1/4	143,813	1/4	154,569	1/4		1/4		1/4		1/4		1/4	
1/2	110,828	1/2	121,900	1/2	132,971	1/2	144,043	1/2	154,685	1/2		1/2		1/2		1/2		1/2	
3/4	111,058	3/4	122,130	3/4	133,202	3/4	144,274	3/4	154,800	3/4		3/4		3/4		3/4		3/4	
2	111,289	2	122,361	2	133,433	2	144,505	2	154,915	2		2		2		2		2	
1/4	111,520	1/4	122,592	1/4	133,663	1/4	144,735	1/4	154,963	1/4		1/4		1/4		1/4		1/4	
1/2	111,750	1/2	122,822	1/2	133,894	1/2	144,966	1/2	155,010	1/2		1/2		1/2		1/2		1/2	
3/4	111,981	3/4	123,053	3/4	134,125	3/4	145,197	3/4	155,058	3/4		3/4		3/4		3/4		3/4	
3	112,212	3	123,284	3	134,355	3	145,427	3	155,105	3		3		3		3		3	
1/4	112,442	1/4	123,514	1/4	134,586	1/4	145,658	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,673	1/2	123,745	1/2	134,817	1/2	145,889	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,904	3/4	123,976	3/4	135,047	3/4	146,119	3/4		3/4		3/4		3/4		3/4		3/4	
4	113,134	4	124,206	4	135,278	4	146,350	4		4		4		4		4		4	
1/4	113,365	1/4	124,437	1/4	135,509	1/4	146,581	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,596	1/2	124,668	1/2	135,739	1/2	146,811	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,826	3/4	124,898	3/4	135,970	3/4	147,042	3/4		3/4		3/4		3/4		3/4		3/4	
5	114,057	5	125,129	5	136,201	5	147,273	5		5		5		5		5		5	
1/4	114,288	1/4	125,360	1/4	136,431	1/4	147,503	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,518	1/2	125,590	1/2	136,662	1/2	147,734	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,749	3/4	125,821	3/4	136,893	3/4	147,965	3/4		3/4		3/4		3/4		3/4		3/4	
6	114,980	6	126,052	6	137,123	6	148,195	6		6		6		6		6		6	
1/4	115,210	1/4	126,282	1/4	137,354	1/4	148,426	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,441	1/2	126,513	1/2	137,585	1/2	148,657	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,672	3/4	126,744	3/4	137,815	3/4	148,887	3/4		3/4		3/4		3/4		3/4		3/4	
7	115,902	7	126,974	7	138,046	7	149,118	7		7		7		7		7		7	
1/4	116,133	1/4	127,205	1/4	138,277	1/4	149,349	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,364	1/2	127,436	1/2	138,507	1/2	149,579	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,594	3/4	127,666	3/4	138,738	3/4	149,810	3/4		3/4		3/4		3/4		3/4		3/4	
8	116,825	8	127,897	8	138,969	8	150,041	8		8		8		8		8		8	
1/4	117,056	1/4	128,128	1/4	139,199	1/4	150,271	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,286	1/2	128,358	1/2	139,430	1/2	150,502	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,517	3/4	128,589	3/4	139,661	3/4	150,733	3/4		3/4		3/4		3/4		3/4		3/4	
9	117,748	9	128,820	9	139,891	9	150,963	9		9		9		9		9		9	
1/4	117,978	1/4	129,050	1/4	140,122	1/4	151,194	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,209	1/2	129,281	1/2	140,353	1/2	151,424	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,440	3/4	129,512	3/4	140,583	3/4	151,655	3/4		3/4		3/4		3/4		3/4		3/4	
10	118,670	10	129,742	10	140,814	10	151,886	10		10		10		10		10		10	
1/4	118,901	1/4	129,973	1/4	141,045	1/4	152,116	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,132	1/2	130,204	1/2	141,275	1/2	152,346	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,362	3/4	130,434	3/4	141,506	3/4	152,576	3/4		3/4		3/4		3/4		3/4		3/4	
11	119,593	11	130,665	11	141,737	11	152,806	11		11		11		11		11		11	
1/4	119,824	1/4	130,896	1/4	141,967	1/4	153,030	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,054	1/2	131,126	1/2	142,198	1/2	153,253	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,285	3/4	131,357	3/4	142,429	3/4	153,477	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/05/2015 CL
CALCULATED: 08/06/2015 CL
PRINTED: 08/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1084"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	83	0	9,951	0	20,913	0	31,865	0	42,822	0	53,785	0	64,748	0	75,711	0	86,674	0	97,637
1/4	150	1/4	10,179	1/4	21,142	1/4	32,093	1/4	43,050	1/4	54,013	1/4	64,976	1/4	75,939	1/4	86,902	1/4	97,865
1/2	217	1/2	10,408	1/2	21,370	1/2	32,321	1/2	43,278	1/2	54,242	1/2	65,205	1/2	76,168	1/2	87,131	1/2	98,094
3/4	283	3/4	10,636	3/4	21,599	3/4	32,549	3/4	43,507	3/4	54,470	3/4	65,433	3/4	76,396	3/4	87,359	3/4	98,322
1	350	1	10,864	1	21,827	1	32,776	1	43,735	1	54,698	1	65,661	1	76,624	1	87,587	1	98,551
1/4	492	1/4	11,093	1/4	22,055	1/4	33,004	1/4	43,964	1/4	54,927	1/4	65,890	1/4	76,853	1/4	87,816	1/4	98,779
1/2	635	1/2	11,321	1/2	22,284	1/2	33,232	1/2	44,192	1/2	55,155	1/2	66,118	1/2	77,081	1/2	88,044	1/2	99,007
3/4	778	3/4	11,550	3/4	22,512	3/4	33,460	3/4	44,420	3/4	55,384	3/4	66,347	3/4	77,310	3/4	88,273	3/4	99,236
2	921	2	11,778	2	22,741	2	33,688	2	44,649	2	55,612	2	66,575	2	77,538	2	88,501	2	99,464
1/4	1,124	1/4	12,006	1/4	22,969	1/4	33,916	1/4	44,877	1/4	55,840	1/4	66,803	1/4	77,766	1/4	88,729	1/4	99,693
1/2	1,328	1/2	12,235	1/2	23,197	1/2	34,144	1/2	45,106	1/2	56,069	1/2	67,032	1/2	77,995	1/2	88,958	1/2	99,921
3/4	1,532	3/4	12,463	3/4	23,426	3/4	34,372	3/4	45,334	3/4	56,297	3/4	67,260	3/4	78,223	3/4	89,186	3/4	100,149
3	1,736	3	12,691	3	23,654	3	34,600	3	45,562	3	56,525	3	67,489	3	78,452	3	89,415	3	100,378
1/4	1,963	1/4	12,920	1/4	23,882	1/4	34,829	1/4	45,791	1/4	56,754	1/4	67,717	1/4	78,680	1/4	89,643	1/4	100,606
1/2	2,190	1/2	13,148	1/2	24,111	1/2	35,057	1/2	46,019	1/2	56,982	1/2	67,945	1/2	78,908	1/2	89,871	1/2	100,834
3/4	2,417	3/4	13,377	3/4	24,339	3/4	35,285	3/4	46,248	3/4	57,211	3/4	68,174	3/4	79,137	3/4	90,100	3/4	101,063
4	2,644	4	13,605	4	24,568	4	35,513	4	46,476	4	57,439	4	68,402	4	79,365	4	90,328	4	101,291
1/4	2,872	1/4	13,833	1/4	24,796	1/4	35,741	1/4	46,704	1/4	57,667	1/4	68,631	1/4	79,594	1/4	90,557	1/4	101,520
1/2	3,100	1/2	14,062	1/2	25,024	1/2	35,970	1/2	46,933	1/2	57,896	1/2	68,859	1/2	79,822	1/2	90,785	1/2	101,748
3/4	3,328	3/4	14,290	3/4	25,253	3/4	36,198	3/4	47,161	3/4	58,124	3/4	69,087	3/4	80,050	3/4	91,013	3/4	101,976
5	3,556	5	14,519	5	25,481	5	36,427	5	47,390	5	58,353	5	69,316	5	80,279	5	91,242	5	102,205
1/4	3,785	1/4	14,747	1/4	25,709	1/4	36,655	1/4	47,618	1/4	58,581	1/4	69,544	1/4	80,507	1/4	91,470	1/4	102,433
1/2	4,013	1/2	14,975	1/2	25,938	1/2	36,883	1/2	47,846	1/2	58,809	1/2	69,773	1/2	80,736	1/2	91,699	1/2	102,662
3/4	4,241	3/4	15,204	3/4	26,166	3/4	37,112	3/4	48,075	3/4	59,038	3/4	70,001	3/4	80,964	3/4	91,927	3/4	102,890
6	4,470	6	15,432	6	26,394	6	37,340	6	48,303	6	59,266	6	70,229	6	81,192	6	92,155	6	103,118
1/4	4,698	1/4	15,661	1/4	26,622	1/4	37,569	1/4	48,532	1/4	59,495	1/4	70,458	1/4	81,421	1/4	92,384	1/4	103,347
1/2	4,926	1/2	15,889	1/2	26,850	1/2	37,797	1/2	48,760	1/2	59,723	1/2	70,686	1/2	81,649	1/2	92,607	1/2	103,575
3/4	5,155	3/4	16,117	3/4	27,078	3/4	38,025	3/4	48,988	3/4	59,951	3/4	70,915	3/4	81,878	3/4	92,841	3/4	103,804
7	5,383	7	16,346	7	27,306	7	38,254	7	49,217	7	60,180	7	71,143	7	82,106	7	93,069	7	104,032
1/4	5,612	1/4	16,574	1/4	27,534	1/4	38,482	1/4	49,445	1/4	60,408	1/4	71,371	1/4	82,334	1/4	93,297	1/4	104,260
1/2	5,840	1/2	16,802	1/2	27,762	1/2	38,711	1/2	49,674	1/2	60,637	1/2	71,600	1/2	82,563	1/2	93,526	1/2	104,489
3/4	6,068	3/4	17,031	3/4	27,990	3/4	38,939	3/4	49,902	3/4	60,865	3/4	71,828	3/4	82,791	3/4	93,754	3/4	104,717
8	6,297	8	17,259	8	28,218	8	39,167	8	50,130	8	61,093	8	72,056	8	83,020	8	93,983	8	104,946
1/4	6,525	1/4	17,488	1/4	28,446	1/4	39,396	1/4	50,359	1/4	61,322	1/4	72,285	1/4	83,248	1/4	94,211	1/4	105,174
1/2	6,753	1/2	17,716	1/2	28,674	1/2	39,624	1/2	50,587	1/2	61,550	1/2	72,513	1/2	83,476	1/2	94,439	1/2	105,402
3/4	6,982	3/4	17,944	3/4	28,901	3/4	39,853	3/4	50,816	3/4	61,779	3/4	72,742	3/4	83,705	3/4	94,668	3/4	105,631
9	7,210	9	18,173	9	29,129	9	40,081	9	51,044	9	62,007	9	72,970	9	83,933	9	94,896	9	105,859
1/4	7,439	1/4	18,401	1/4	29,357	1/4	40,309	1/4	51,272	1/4	62,235	1/4	73,198	1/4	84,162	1/4	95,125	1/4	106,088
1/2	7,667	1/2	18,630	1/2	29,585	1/2	40,538	1/2	51,501	1/2	62,464	1/2	73,427	1/2	84,390	1/2	95,353	1/2	106,316
3/4	7,895	3/4	18,858	3/4	29,813	3/4	40,766	3/4	51,729	3/4	62,692	3/4	73,655	3/4	84,618	3/4	95,581	3/4	106,544
10	8,124	10	19,086	10	30,041	10	40,995	10	51,958	10	62,921	10	73,884	10	84,847	10	95,810	10	106,773
1/4	8,352	1/4	19,315	1/4	30,269	1/4	41,223	1/4	52,186	1/4	63,149	1/4	74,112	1/4	85,075	1/4	96,038	1/4	107,001
1/2	8,580	1/2	19,543	1/2	30,497	1/2	41,451	1/2	52,414	1/2	63,377	1/2	74,340	1/2	85,304	1/2	96,267	1/2	107,230
3/4	8,809	3/4	19,771	3/4	30,725	3/4	41,680	3/4	52,643	3/4	63,606	3/4	74,569	3/4	85,532	3/4	96,495	3/4	107,458
11	9,037	11	20,000	11	30,953	11	41,908	11	52,871	11	63,834	11	74,797	11	85,760	11	96,723	11	107,686
1/4	9,266	1/4	20,228	1/4	31,181	1/4	42,136	1/4	53,100	1/4	64,063	1/4	75,026	1/4	85,989	1/4	96,952	1/4	107,915
1/2	9,494	1/2	20,457	1/2	31,409	1/2	42,365	1/2	53,328	1/2	64,291	1/2	75,254	1/2	86,217	1/2	97,180	1/2	108,143
3/4	9,722	3/4	20,685	3/4	31,637	3/4	42,593	3/4	53,556	3/4	64,519	3/4	75,482	3/4	86,445	3/4	97,409	3/4	108,372

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





BARGE "IB 1084"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	108,600	0	119,563	0	130,526	0	141,489	0	152,422	0		0		0		0		0	
1/4	108,828	1/4	119,791	1/4	130,754	1/4	141,718	1/4	152,609	1/4		1/4		1/4		1/4		1/4	
1/2	109,057	1/2	120,020	1/2	130,983	1/2	141,946	1/2	152,795	1/2		1/2		1/2		1/2		1/2	
3/4	109,285	3/4	120,248	3/4	131,211	3/4	142,174	3/4	152,981	3/4		3/4		3/4		3/4		3/4	
1	109,514	1	120,477	1	131,440	1	142,403	1	153,168	1		1		1		1		1	
1/4	109,742	1/4	120,705	1/4	131,668	1/4	142,631	1/4	153,282	1/4		1/4		1/4		1/4		1/4	
1/2	109,970	1/2	120,933	1/2	131,896	1/2	142,860	1/2	153,396	1/2		1/2		1/2		1/2		1/2	
3/4	110,199	3/4	121,162	3/4	132,125	3/4	143,088	3/4	153,510	3/4		3/4		3/4		3/4		3/4	
2	110,427	2	121,390	2	132,353	2	143,316	2	153,625	2		2		2		2		2	
1/4	110,656	1/4	121,619	1/4	132,582	1/4	143,545	1/4	153,672	1/4		1/4		1/4		1/4		1/4	
1/2	110,884	1/2	121,847	1/2	132,810	1/2	143,773	1/2	153,719	1/2		1/2		1/2		1/2		1/2	
3/4	111,112	3/4	122,075	3/4	133,038	3/4	144,002	3/4	153,766	3/4		3/4		3/4		3/4		3/4	
3	111,341	3	122,304	3	133,267	3	144,230	3	153,813	3		3		3		3		3	
1/4	111,569	1/4	122,532	1/4	133,495	1/4	144,458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,798	1/2	122,761	1/2	133,724	1/2	144,687	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,026	3/4	122,989	3/4	133,952	3/4	144,915	3/4		3/4		3/4		3/4		3/4		3/4	
4	112,254	4	123,217	4	134,180	4	145,143	4		4		4		4		4		4	
1/4	112,483	1/4	123,446	1/4	134,409	1/4	145,372	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,711	1/2	123,674	1/2	134,637	1/2	145,600	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,940	3/4	123,903	3/4	134,866	3/4	145,829	3/4		3/4		3/4		3/4		3/4		3/4	
5	113,168	5	124,131	5	135,094	5	146,057	5		5		5		5		5		5	
1/4	113,396	1/4	124,359	1/4	135,322	1/4	146,285	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,625	1/2	124,588	1/2	135,551	1/2	146,514	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,853	3/4	124,816	3/4	135,779	3/4	146,742	3/4		3/4		3/4		3/4		3/4		3/4	
6	114,082	6	125,045	6	136,008	6	146,971	6		6		6		6		6		6	
1/4	114,310	1/4	125,273	1/4	136,236	1/4	147,199	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,538	1/2	125,501	1/2	136,464	1/2	147,428	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,767	3/4	125,730	3/4	136,693	3/4	147,656	3/4		3/4		3/4		3/4		3/4		3/4	
7	114,995	7	125,958	7	136,921	7	147,884	7		7		7		7		7		7	
1/4	115,224	1/4	126,187	1/4	137,150	1/4	148,113	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,452	1/2	126,415	1/2	137,378	1/2	148,341	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,680	3/4	126,643	3/4	137,606	3/4	148,569	3/4		3/4		3/4		3/4		3/4		3/4	
8	115,909	8	126,872	8	137,835	8	148,798	8		8		8		8		8		8	
1/4	116,137	1/4	127,100	1/4	138,063	1/4	149,026	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,365	1/2	127,329	1/2	138,292	1/2	149,255	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,594	3/4	127,557	3/4	138,520	3/4	149,483	3/4		3/4		3/4		3/4		3/4		3/4	
9	116,822	9	127,785	9	138,748	9	149,711	9		9		9		9		9		9	
1/4	117,051	1/4	128,014	1/4	138,977	1/4	149,940	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,279	1/2	128,242	1/2	139,205	1/2	150,168	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,507	3/4	128,471	3/4	139,434	3/4	150,396	3/4		3/4		3/4		3/4		3/4		3/4	
10	117,736	10	128,699	10	139,662	10	150,625	10		10		10		10		10		10	
1/4	117,964	1/4	128,927	1/4	139,890	1/4	150,852	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,193	1/2	129,156	1/2	140,119	1/2	151,080	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,421	3/4	129,384	3/4	140,347	3/4	151,308	3/4		3/4		3/4		3/4		3/4		3/4	
11	118,649	11	129,613	11	140,576	11	151,536	11		11		11		11		11		11	
1/4	118,878	1/4	129,841	1/4	140,804	1/4	151,757	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,106	1/2	130,069	1/2	141,032	1/2	151,979	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,335	3/4	130,298	3/4	141,261	3/4	152,201	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/05/2015 CL
CALCULATED: 08/06/2015 CL
PRINTED: 08/06/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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