



BARGE "IB 1084"

ULLAGE 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 ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

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 ULLAGE 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	0	168,299	0	157,774	0	147,102	0	136,431	0	125,759	0	114,095	0	101,621	0	89,148	0	76,675	
1/4	1/4	168,245	1/4	157,552	1/4	146,880	1/4	136,208	1/4	125,537	1/4	113,835	1/4	101,361	1/4	88,889	1/4	76,415	
1/2	1/2	168,192	1/2	157,330	1/2	146,658	1/2	135,986	1/2	125,314	1/2	113,575	1/2	101,102	1/2	88,629	1/2	76,155	
3/4	3/4	168,138	3/4	157,107	3/4	146,435	3/4	135,764	3/4	125,092	3/4	113,315	3/4	100,842	3/4	88,369	3/4	75,895	
1	1	168,085	1	156,885	1	146,213	1	135,541	1	124,870	1	113,055	1	100,582	1	88,109	1	75,635	
1/4	1/4	167,954	1/4	156,663	1/4	145,991	1/4	135,319	1/4	124,647	1/4	112,795	1/4	100,322	1/4	87,849	1/4	75,376	
1/2	1/2	167,824	1/2	156,440	1/2	145,769	1/2	135,097	1/2	124,425	1/2	112,535	1/2	100,062	1/2	87,589	1/2	75,116	
3/4	3/4	167,694	3/4	156,218	3/4	145,546	3/4	134,874	3/4	124,203	3/4	112,275	3/4	99,802	3/4	87,329	3/4	74,856	
2	2	167,564	2	155,996	2	145,324	2	134,652	2	123,980	2	112,016	2	99,543	2	87,070	2	74,596	
1/4	1/4	167,351	1/4	155,773	1/4	145,102	1/4	134,430	1/4	123,758	1/4	111,756	1/4	99,283	1/4	86,810	1/4	74,336	
1/2	1/2	167,139	1/2	155,551	1/2	144,879	1/2	134,207	1/2	123,536	1/2	111,496	1/2	99,023	1/2	86,550	1/2	74,076	
3/4	3/4	166,927	3/4	155,329	3/4	144,657	3/4	133,985	3/4	123,313	3/4	111,236	3/4	98,763	3/4	86,290	3/4	73,816	
3	3	166,714	3	155,106	3	144,435	3	133,763	3	123,091	3	110,976	3	98,503	3	86,030	3	73,557	
1/4	1/4	166,461	1/4	154,884	1/4	144,212	1/4	133,540	1/4	122,869	1/4	110,716	1/4	98,243	1/4	85,770	1/4	73,297	
1/2	1/2	166,209	1/2	154,662	1/2	143,990	1/2	133,318	1/2	122,646	1/2	110,456	1/2	97,984	1/2	85,510	1/2	73,037	
3/4	3/4	165,956	3/4	154,439	3/4	143,768	3/4	133,096	3/4	122,424	3/4	110,197	3/4	97,724	3/4	85,250	3/4	72,777	
4	4	165,703	4	154,217	4	143,546	4	132,873	4	122,202	4	109,937	4	97,464	4	84,991	4	72,517	
1/4	1/4	165,444	1/4	153,995	1/4	143,323	1/4	132,651	1/4	121,980	1/4	109,677	1/4	97,204	1/4	84,731	1/4	72,257	
1/2	1/2	165,184	1/2	153,772	1/2	143,101	1/2	132,429	1/2	121,758	1/2	109,417	1/2	96,944	1/2	84,471	1/2	71,997	
3/4	3/4	164,924	3/4	153,550	3/4	142,878	3/4	132,206	3/4	121,536	3/4	109,157	3/4	96,684	3/4	84,211	3/4	71,738	
5	5	164,665	5	153,328	5	142,656	5	131,984	5	121,314	5	108,897	5	96,424	5	83,951	5	71,478	
1/4	1/4	164,404	1/4	153,105	1/4	142,434	1/4	131,762	1/4	121,068	1/4	108,637	1/4	96,165	1/4	83,691	1/4	71,218	
1/2	1/2	164,144	1/2	152,883	1/2	142,211	1/2	131,539	1/2	120,822	1/2	108,378	1/2	95,905	1/2	83,431	1/2	70,959	
3/4	3/4	163,884	3/4	152,661	3/4	141,989	3/4	131,317	3/4	120,577	3/4	108,118	3/4	95,645	3/4	83,172	3/4	70,699	
6	6	163,624	6	152,438	6	141,767	6	131,095	6	120,331	6	107,858	6	95,385	6	82,912	6	70,440	
1/4	1/4	163,363	1/4	152,216	1/4	141,544	1/4	130,873	1/4	120,071	1/4	107,598	1/4	95,125	1/4	82,652	1/4	70,180	
1/2	1/2	163,103	1/2	151,994	1/2	141,322	1/2	130,650	1/2	119,812	1/2	107,338	1/2	94,865	1/2	82,392	1/2	69,921	
3/4	3/4	162,843	3/4	151,771	3/4	141,100	3/4	130,428	3/4	119,552	3/4	107,078	3/4	94,606	3/4	82,132	3/4	69,662	
7	7	162,582	7	151,549	7	140,877	7	130,206	7	119,292	7	106,818	7	94,346	7	81,872	7	69,403	
1/4	1/4	162,322	1/4	151,327	1/4	140,655	1/4	129,983	1/4	119,032	1/4	106,558	1/4	94,086	1/4	81,612	1/4	69,143	
1/2	1/2	162,061	1/2	151,104	1/2	140,433	1/2	129,761	1/2	118,772	1/2	106,299	1/2	93,826	1/2	81,353	1/2	68,884	
3/4	3/4	161,801	3/4	150,882	3/4	140,210	3/4	129,539	3/4	118,512	3/4	106,039	3/4	93,566	3/4	81,093	3/4	68,625	
8	8	161,541	8	150,660	8	139,988	8	129,316	8	118,252	8	105,779	8	93,306	8	80,833	8	68,366	
1/4	1/4	161,280	1/4	150,437	1/4	139,766	1/4	129,094	1/4	117,992	1/4	105,519	1/4	93,046	1/4	80,573	1/4	68,106	
1/2	1/2	161,020	1/2	150,215	1/2	139,543	1/2	128,872	1/2	117,733	1/2	105,259	1/2	92,787	1/2	80,313	1/2	67,847	
3/4	3/4	160,760	3/4	149,993	3/4	139,321	3/4	128,649	3/4	117,473	3/4	104,999	3/4	92,527	3/4	80,053	3/4	67,588	
9	9	160,499	9	149,770	9	139,099	9	128,427	9	117,213	9	104,739	9	92,267	9	79,793	9	67,329	
1/4	1/4	160,263	1/4	149,548	1/4	138,876	1/4	128,205	1/4	116,953	1/4	104,480	1/4	92,007	1/4	79,533	1/4	67,069	
1/2	1/2	160,026	1/2	149,326	1/2	138,654	1/2	127,982	1/2	116,693	1/2	104,220	1/2	91,747	1/2	79,274	1/2	66,810	
3/4	3/4	159,789	3/4	149,103	3/4	138,432	3/4	127,760	3/4	116,433	3/4	103,960	3/4	91,487	3/4	79,014	3/4	66,551	
10	10	159,553	10	148,881	10	138,209	10	127,538	10	116,173	10	103,700	10	91,227	10	78,754	10	66,291	
1/4	1/4	159,331	1/4	148,659	1/4	137,987	1/4	127,315	1/4	115,914	1/4	103,440	1/4	90,967	1/4	78,494	1/4	66,032	
1/2	1/2	159,108	1/2	148,436	1/2	137,765	1/2	127,093	1/2	115,654	1/2	103,180	1/2	90,708	1/2	78,234	1/2	65,773	
3/4	3/4	158,886	3/4	148,214	3/4	137,542	3/4	126,871	3/4	115,394	3/4	102,920	3/4	90,448	3/4	77,974	3/4	65,514	
11	11	158,664	11	147,992	11	137,320	11	126,648	11	115,134	11	102,661	11	90,188	11	77,714	11	65,254	
1/4	1/4	158,441	1/4	147,769	1/4	137,098	1/4	126,426	1/4	114,874	1/4	102,401	1/4	89,928	1/4	77,455	1/4	64,995	
1/2	1/2	158,219	1/2	147,547	1/2	136,875	1/2	126,204	1/2	114,614	1/2	102,141	1/2	89,668	1/2	77,195	1/2	64,736	
3/4	3/4	157,997	3/4	147,325	3/4	136,653	3/4	125,981	3/4	114,354	3/4	101,881	3/4	89,408	3/4	76,935	3/4	64,477	

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "IB 1084"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	64,217	0	51,756	0	39,305	0	27,070	0	14,596	0	2,119	0		0		0		0	
1/4	63,958	1/4	51,497	1/4	39,051	1/4	26,810	1/4	14,336	1/4	1,886	1/4		1/4		1/4		1/4	
1/2	63,699	1/2	51,237	1/2	38,798	1/2	26,550	1/2	14,076	1/2	1,654	1/2		1/2		1/2		1/2	
3/4	63,440	3/4	50,977	3/4	38,544	3/4	26,290	3/4	13,816	3/4	1,421	3/4		3/4		3/4		3/4	
1	63,180	1	50,717	1	38,291	1	26,030	1	13,556	1	1,189	1		1		1		1	
1/4	62,921	1/4	50,458	1/4	38,037	1/4	25,770	1/4	13,296	1/4	1,026	1/4		1/4		1/4		1/4	
1/2	62,662	1/2	50,198	1/2	37,783	1/2	25,510	1/2	13,036	1/2	864	1/2		1/2		1/2		1/2	
3/4	62,403	3/4	49,938	3/4	37,530	3/4	25,250	3/4	12,777	3/4	701	3/4		3/4		3/4		3/4	
2	62,143	2	49,679	2	37,276	2	24,991	2	12,517	2	538	2		2		2		2	
1/4	61,884	1/4	49,419	1/4	37,023	1/4	24,731	1/4	12,257	1/4	462	1/4		1/4		1/4		1/4	
1/2	61,625	1/2	49,159	1/2	36,769	1/2	24,471	1/2	11,997	1/2	386	1/2		1/2		1/2		1/2	
3/4	61,365	3/4	48,899	3/4	36,516	3/4	24,211	3/4	11,737	3/4	310	3/4		3/4		3/4		3/4	
3	61,106	3	48,640	3	36,262	3	23,951	3	11,477	3	234	3		3		3		3	
1/4	60,847	1/4	48,380	1/4	36,009	1/4	23,691	1/4	11,217	1/4		1/4		1/4		1/4		1/4	
1/2	60,587	1/2	48,120	1/2	35,755	1/2	23,431	1/2	10,957	1/2		1/2		1/2		1/2		1/2	
3/4	60,328	3/4	47,860	3/4	35,502	3/4	23,171	3/4	10,697	3/4		3/4		3/4		3/4		3/4	
4	60,068	4	47,601	4	35,248	4	22,912	4	10,438	4		4		4		4		4	
1/4	59,808	1/4	47,341	1/4	34,995	1/4	22,652	1/4	10,178	1/4		1/4		1/4		1/4		1/4	
1/2	59,548	1/2	47,081	1/2	34,741	1/2	22,392	1/2	9,917	1/2		1/2		1/2		1/2		1/2	
3/4	59,289	3/4	46,821	3/4	34,488	3/4	22,132	3/4	9,657	3/4		3/4		3/4		3/4		3/4	
5	59,029	5	46,562	5	34,234	5	21,872	5	9,397	5		5		5		5		5	
1/4	58,769	1/4	46,302	1/4	33,981	1/4	21,612	1/4	9,137	1/4		1/4		1/4		1/4		1/4	
1/2	58,510	1/2	46,042	1/2	33,727	1/2	21,352	1/2	8,877	1/2		1/2		1/2		1/2		1/2	
3/4	58,250	3/4	45,783	3/4	33,474	3/4	21,093	3/4	8,617	3/4		3/4		3/4		3/4		3/4	
6	57,990	6	45,523	6	33,220	6	20,833	6	8,357	6		6		6		6		6	
1/4	57,730	1/4	45,263	1/4	32,967	1/4	20,573	1/4	8,097	1/4		1/4		1/4		1/4		1/4	
1/2	57,471	1/2	45,003	1/2	32,713	1/2	20,313	1/2	7,837	1/2		1/2		1/2		1/2		1/2	
3/4	57,211	3/4	44,744	3/4	32,460	3/4	20,053	3/4	7,577	3/4		3/4		3/4		3/4		3/4	
7	56,951	7	44,484	7	32,206	7	19,793	7	7,317	7		7		7		7		7	
1/4	56,691	1/4	44,224	1/4	31,953	1/4	19,533	1/4	7,057	1/4		1/4		1/4		1/4		1/4	
1/2	56,432	1/2	43,964	1/2	31,699	1/2	19,273	1/2	6,797	1/2		1/2		1/2		1/2		1/2	
3/4	56,172	3/4	43,705	3/4	31,446	3/4	19,014	3/4	6,536	3/4		3/4		3/4		3/4		3/4	
8	55,912	8	43,445	8	31,193	8	18,754	8	6,276	8		8		8		8		8	
1/4	55,652	1/4	43,185	1/4	30,939	1/4	18,494	1/4	6,016	1/4		1/4		1/4		1/4		1/4	
1/2	55,393	1/2	42,925	1/2	30,686	1/2	18,234	1/2	5,756	1/2		1/2		1/2		1/2		1/2	
3/4	55,133	3/4	42,666	3/4	30,432	3/4	17,974	3/4	5,495	3/4		3/4		3/4		3/4		3/4	
9	54,873	9	42,406	9	30,179	9	17,714	9	5,235	9		9		9		9		9	
1/4	54,614	1/4	42,146	1/4	29,921	1/4	17,454	1/4	4,975	1/4		1/4		1/4		1/4		1/4	
1/2	54,354	1/2	41,886	1/2	29,664	1/2	17,194	1/2	4,715	1/2		1/2		1/2		1/2		1/2	
3/4	54,094	3/4	41,627	3/4	29,406	3/4	16,935	3/4	4,454	3/4		3/4		3/4		3/4		3/4	
10	53,834	10	41,367	10	29,149	10	16,675	10	4,194	10		10		10		10		10	
1/4	53,575	1/4	41,107	1/4	28,889	1/4	16,415	1/4	3,934	1/4		1/4		1/4		1/4		1/4	
1/2	53,315	1/2	40,848	1/2	28,629	1/2	16,155	1/2	3,674	1/2		1/2		1/2		1/2		1/2	
3/4	53,055	3/4	40,588	3/4	28,369	3/4	15,895	3/4	3,414	3/4		3/4		3/4		3/4		3/4	
11	52,795	11	40,328	11	28,109	11	15,635	11	3,154	11		11		11		11		11	
1/4	52,536	1/4	40,072	1/4	27,849	1/4	15,375	1/4	2,895	1/4		1/4		1/4		1/4		1/4	
1/2	52,276	1/2	39,816	1/2	27,589	1/2	15,115	1/2	2,636	1/2		1/2		1/2		1/2		1/2	
3/4	52,016	3/4	39,560	3/4	27,329	3/4	14,856	3/4	2,378	3/4		3/4		3/4		3/4		3/4	

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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 ULLAGE 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		0		0	145,658	0	134,586	0	123,514	0	112,442	0	101,370	0	90,299	0	79,227	0	68,155
1/4		1/4	155,105	1/4	145,427	1/4	134,355	1/4	123,284	1/4	112,212	1/4	101,140	1/4	90,068	1/4	78,996	1/4	67,924
1/2		1/2	155,058	1/2	145,197	1/2	134,125	1/2	123,053	1/2	111,981	1/2	100,909	1/2	89,837	1/2	78,765	1/2	67,693
3/4		3/4	155,010	3/4	144,966	3/4	133,894	3/4	122,822	3/4	111,750	3/4	100,678	3/4	89,607	3/4	78,535	3/4	67,463
1		1	154,963	1	144,735	1	133,663	1	122,592	1	111,520	1	100,448	1	89,376	1	78,304	1	67,232
1/4		1/4	154,915	1/4	144,505	1/4	133,433	1/4	122,361	1/4	111,289	1/4	100,217	1/4	89,145	1/4	78,073	1/4	67,001
1/2		1/2	154,800	1/2	144,274	1/2	133,202	1/2	122,130	1/2	111,058	1/2	99,986	1/2	88,915	1/2	77,843	1/2	66,771
3/4		3/4	154,685	3/4	144,043	3/4	132,971	3/4	121,900	3/4	110,828	3/4	99,756	3/4	88,684	3/4	77,612	3/4	66,540
2		2	154,569	2	143,813	2	132,741	2	121,669	2	110,597	2	99,525	2	88,453	2	77,381	2	66,309
1/4		1/4	154,454	1/4	143,582	1/4	132,510	1/4	121,438	1/4	110,366	1/4	99,294	1/4	88,223	1/4	77,151	1/4	66,079
1/2		1/2	154,266	1/2	143,351	1/2	132,279	1/2	121,208	1/2	110,136	1/2	99,064	1/2	87,992	1/2	76,920	1/2	65,848
3/4		3/4	154,078	3/4	143,121	3/4	132,049	3/4	120,977	3/4	109,905	3/4	98,833	3/4	87,761	3/4	76,689	3/4	65,617
3		3	153,889	3	142,890	3	131,818	3	120,746	3	109,674	3	98,602	3	87,531	3	76,459	3	65,387
1/4		1/4	153,701	1/4	142,659	1/4	131,587	1/4	120,516	1/4	109,444	1/4	98,372	1/4	87,300	1/4	76,228	1/4	65,156
1/2		1/2	153,477	1/2	142,429	1/2	131,357	1/2	120,285	1/2	109,213	1/2	98,141	1/2	87,069	1/2	75,997	1/2	64,925
3/4		3/4	153,253	3/4	142,198	3/4	131,126	3/4	120,054	3/4	108,982	3/4	97,910	3/4	86,839	3/4	75,767	3/4	64,695
4		4	153,030	4	141,967	4	130,896	4	119,824	4	108,752	4	97,680	4	86,608	4	75,536	4	64,464
1/4		1/4	152,806	1/4	141,737	1/4	130,665	1/4	119,593	1/4	108,521	1/4	97,449	1/4	86,377	1/4	75,305	1/4	64,233
1/2		1/2	152,576	1/2	141,506	1/2	130,434	1/2	119,362	1/2	108,290	1/2	97,218	1/2	86,147	1/2	75,075	1/2	64,003
3/4		3/4	152,346	3/4	141,275	3/4	130,204	3/4	119,132	3/4	108,060	3/4	96,988	3/4	85,916	3/4	74,844	3/4	63,772
5		5	152,116	5	141,045	5	129,973	5	118,901	5	107,829	5	96,757	5	85,685	5	74,613	5	63,541
1/4		1/4	151,886	1/4	140,814	1/4	129,742	1/4	118,670	1/4	107,598	1/4	96,526	1/4	85,455	1/4	74,383	1/4	63,311
1/2		1/2	151,655	1/2	140,583	1/2	129,512	1/2	118,440	1/2	107,368	1/2	96,296	1/2	85,224	1/2	74,152	1/2	63,080
3/4		3/4	151,424	3/4	140,353	3/4	129,281	3/4	118,209	3/4	107,137	3/4	96,065	3/4	84,993	3/4	73,921	3/4	62,849
6		6	151,194	6	140,122	6	129,050	6	117,978	6	106,906	6	95,834	6	84,763	6	73,691	6	62,619
1/4		1/4	150,963	1/4	139,891	1/4	128,820	1/4	117,748	1/4	106,676	1/4	95,604	1/4	84,532	1/4	73,460	1/4	62,388
1/2		1/2	150,733	1/2	139,661	1/2	128,589	1/2	117,517	1/2	106,445	1/2	95,373	1/2	84,301	1/2	73,229	1/2	62,157
3/4		3/4	150,502	3/4	139,430	3/4	128,358	3/4	117,286	3/4	106,214	3/4	95,142	3/4	84,071	3/4	72,999	3/4	61,927
7		7	150,271	7	139,199	7	128,128	7	117,056	7	105,984	7	94,912	7	83,840	7	72,768	7	61,696
1/4		1/4	150,041	1/4	138,969	1/4	127,897	1/4	116,825	1/4	105,753	1/4	94,681	1/4	83,609	1/4	72,537	1/4	61,465
1/2		1/2	149,810	1/2	138,738	1/2	127,666	1/2	116,594	1/2	105,522	1/2	94,450	1/2	83,379	1/2	72,307	1/2	61,235
3/4		3/4	149,579	3/4	138,507	3/4	127,436	3/4	116,364	3/4	105,292	3/4	94,220	3/4	83,148	3/4	72,076	3/4	61,004
8		8	149,349	8	138,277	8	127,205	8	116,133	8	105,061	8	93,989	8	82,917	8	71,845	8	60,773
1/4		1/4	149,118	1/4	138,046	1/4	126,974	1/4	115,902	1/4	104,830	1/4	93,759	1/4	82,687	1/4	71,615	1/4	60,543
1/2		1/2	148,887	1/2	137,815	1/2	126,744	1/2	115,672	1/2	104,600	1/2	93,528	1/2	82,456	1/2	71,384	1/2	60,312
3/4		3/4	148,657	3/4	137,585	3/4	126,513	3/4	115,441	3/4	104,369	3/4	93,297	3/4	82,225	3/4	71,153	3/4	60,081
9		9	148,426	9	137,354	9	126,282	9	115,210	9	104,138	9	93,067	9	81,995	9	70,923	9	59,851
1/4		1/4	148,195	1/4	137,123	1/4	126,052	1/4	114,980	1/4	103,908	1/4	92,836	1/4	81,764	1/4	70,692	1/4	59,620
1/2		1/2	147,965	1/2	136,893	1/2	125,821	1/2	114,749	1/2	103,677	1/2	92,605	1/2	81,533	1/2	70,461	1/2	59,389
3/4		3/4	147,734	3/4	136,662	3/4	125,590	3/4	114,518	3/4	103,446	3/4	92,375	3/4	81,303	3/4	70,231	3/4	59,159
10		10	147,503	10	136,431	10	125,360	10	114,288	10	103,216	10	92,144	10	81,072	10	70,000	10	58,928
1/4		1/4	147,273	1/4	136,201	1/4	125,129	1/4	114,057	1/4	102,985	1/4	91,913	1/4	80,841	1/4	69,769	1/4	58,697
1/2		1/2	147,042	1/2	135,970	1/2	124,898	1/2	113,826	1/2	102,754	1/2	91,683	1/2	80,611	1/2	69,539	1/2	58,467
3/4		3/4	146,811	3/4	135,739	3/4	124,668	3/4	113,596	3/4	102,524	3/4	91,452	3/4	80,380	3/4	69,308	3/4	58,236
11		11	146,581	11	135,509	11	124,437	11	113,365	11	102,293	11	91,221	11	80,149	11	69,077	11	58,005
1/4		1/4	146,350	1/4	135,278	1/4	124,206	1/4	113,134	1/4	102,062	1/4	90,991	1/4	79,919	1/4	68,847	1/4	57,775
1/2		1/2	146,119	1/2	135,047	1/2	123,976	1/2	112,904	1/2	101,832	1/2	90,760	1/2	79,688	1/2	68,616	1/2	57,544
3/4		3/4	145,889	3/4	134,817	3/4	123,745	3/4	112,673	3/4	101,601	3/4	90,529	3/4	79,457	3/4	68,385	3/4	57,313

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 INNGAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1084"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	57,083	0	46,011	0	34,951	0	24,119	0	13,048	0	1,982	0		0		0		0	
1/4	56,852	1/4	45,780	1/4	34,724	1/4	23,889	1/4	12,817	1/4	1,753	1/4		1/4		1/4		1/4	
1/2	56,622	1/2	45,550	1/2	34,500	1/2	23,658	1/2	12,587	1/2	1,547	1/2		1/2		1/2		1/2	
3/4	56,391	3/4	45,319	3/4	34,275	3/4	23,427	3/4	12,356	3/4	1,341	3/4		3/4		3/4		3/4	
1	56,160	1	45,088	1	34,051	1	23,197	1	12,125	1	1,135	1		1		1		1	
1/4	55,930	1/4	44,858	1/4	33,826	1/4	22,966	1/4	11,895	1/4	930	1/4		1/4		1/4		1/4	
1/2	55,699	1/2	44,627	1/2	33,602	1/2	22,735	1/2	11,664	1/2	785	1/2		1/2		1/2		1/2	
3/4	55,468	3/4	44,396	3/4	33,378	3/4	22,505	3/4	11,433	3/4	641	3/4		3/4		3/4		3/4	
2	55,238	2	44,166	2	33,153	2	22,274	2	11,203	2	497	2		2		2		2	
1/4	55,007	1/4	43,935	1/4	32,929	1/4	22,044	1/4	10,972	1/4	353	1/4		1/4		1/4		1/4	
1/2	54,776	1/2	43,704	1/2	32,705	1/2	21,813	1/2	10,741	1/2	286	1/2		1/2		1/2		1/2	
3/4	54,546	3/4	43,474	3/4	32,480	3/4	21,582	3/4	10,511	3/4	219	3/4		3/4		3/4		3/4	
3	54,315	3	43,243	3	32,256	3	21,352	3	10,280	3	151	3		3		3		3	
1/4	54,084	1/4	43,012	1/4	32,032	1/4	21,121	1/4	10,049	1/4	84	1/4		1/4		1/4		1/4	
1/2	53,854	1/2	42,782	1/2	31,807	1/2	20,890	1/2	9,819	1/2		1/2		1/2		1/2		1/2	
3/4	53,623	3/4	42,551	3/4	31,583	3/4	20,660	3/4	9,588	3/4		3/4		3/4		3/4		3/4	
4	53,392	4	42,320	4	31,358	4	20,429	4	9,357	4		4		4		4		4	
1/4	53,162	1/4	42,090	1/4	31,134	1/4	20,198	1/4	9,127	1/4		1/4		1/4		1/4		1/4	
1/2	52,931	1/2	41,859	1/2	30,910	1/2	19,968	1/2	8,896	1/2		1/2		1/2		1/2		1/2	
3/4	52,700	3/4	41,628	3/4	30,685	3/4	19,737	3/4	8,666	3/4		3/4		3/4		3/4		3/4	
5	52,470	5	41,398	5	30,461	5	19,506	5	8,435	5		5		5		5		5	
1/4	52,239	1/4	41,167	1/4	30,237	1/4	19,276	1/4	8,204	1/4		1/4		1/4		1/4		1/4	
1/2	52,008	1/2	40,936	1/2	30,012	1/2	19,045	1/2	7,974	1/2		1/2		1/2		1/2		1/2	
3/4	51,778	3/4	40,706	3/4	29,788	3/4	18,814	3/4	7,743	3/4		3/4		3/4		3/4		3/4	
6	51,547	6	40,475	6	29,564	6	18,584	6	7,512	6		6		6		6		6	
1/4	51,316	1/4	40,244	1/4	29,339	1/4	18,353	1/4	7,282	1/4		1/4		1/4		1/4		1/4	
1/2	51,086	1/2	40,014	1/2	29,115	1/2	18,122	1/2	7,051	1/2		1/2		1/2		1/2		1/2	
3/4	50,855	3/4	39,783	3/4	28,891	3/4	17,892	3/4	6,820	3/4		3/4		3/4		3/4		3/4	
7	50,624	7	39,552	7	28,666	7	17,661	7	6,590	7		7		7		7		7	
1/4	50,394	1/4	39,322	1/4	28,442	1/4	17,430	1/4	6,359	1/4		1/4		1/4		1/4		1/4	
1/2	50,163	1/2	39,091	1/2	28,218	1/2	17,200	1/2	6,128	1/2		1/2		1/2		1/2		1/2	
3/4	49,932	3/4	38,860	3/4	27,993	3/4	16,969	3/4	5,898	3/4		3/4		3/4		3/4		3/4	
8	49,702	8	38,630	8	27,769	8	16,738	8	5,667	8		8		8		8		8	
1/4	49,471	1/4	38,399	1/4	27,545	1/4	16,508	1/4	5,437	1/4		1/4		1/4		1/4		1/4	
1/2	49,240	1/2	38,168	1/2	27,320	1/2	16,277	1/2	5,206	1/2		1/2		1/2		1/2		1/2	
3/4	49,010	3/4	37,938	3/4	27,096	3/4	16,046	3/4	4,975	3/4		3/4		3/4		3/4		3/4	
9	48,779	9	37,707	9	26,872	9	15,816	9	4,745	9		9		9		9		9	
1/4	48,548	1/4	37,476	1/4	26,647	1/4	15,585	1/4	4,514	1/4		1/4		1/4		1/4		1/4	
1/2	48,318	1/2	37,246	1/2	26,419	1/2	15,355	1/2	4,283	1/2		1/2		1/2		1/2		1/2	
3/4	48,087	3/4	37,015	3/4	26,191	3/4	15,124	3/4	4,053	3/4		3/4		3/4		3/4		3/4	
10	47,856	10	36,784	10	25,962	10	14,893	10	3,822	10		10		10		10		10	
1/4	47,626	1/4	36,554	1/4	25,734	1/4	14,663	1/4	3,591	1/4		1/4		1/4		1/4		1/4	
1/2	47,395	1/2	36,323	1/2	25,503	1/2	14,432	1/2	3,361	1/2		1/2		1/2		1/2		1/2	
3/4	47,164	3/4	36,092	3/4	25,273	3/4	14,201	3/4	3,131	3/4		3/4		3/4		3/4		3/4	
11	46,934	11	35,862	11	25,042	11	13,971	11	2,901	11		11		11		11		11	
1/4	46,703	1/4	35,631	1/4	24,811	1/4	13,740	1/4	2,670	1/4		1/4		1/4		1/4		1/4	
1/2	46,472	1/2	35,404	1/2	24,581	1/2	13,509	1/2	2,441	1/2		1/2		1/2		1/2		1/2	
3/4	46,242	3/4	35,178	3/4	24,350	3/4	13,279	3/4	2,212	3/4		3/4		3/4		3/4		3/4	

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

3 CENTER ULLAGE 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		0	153,813	0	144,230	0	133,267	0	122,304	0	111,341	0	100,378	0	89,415	0	78,452	0	67,489
1/4		1/4	153,766	1/4	144,002	1/4	133,038	1/4	122,075	1/4	111,112	1/4	100,149	1/4	89,186	1/4	78,223	1/4	67,260
1/2		1/2	153,719	1/2	143,773	1/2	132,810	1/2	121,847	1/2	110,884	1/2	99,921	1/2	88,958	1/2	77,995	1/2	67,032
3/4		3/4	153,672	3/4	143,545	3/4	132,582	3/4	121,619	3/4	110,656	3/4	99,693	3/4	88,729	3/4	77,766	3/4	66,803
1		1	153,625	1	143,316	1	132,353	1	121,390	1	110,427	1	99,464	1	88,501	1	77,538	1	66,575
1/4		1/4	153,510	1/4	143,088	1/4	132,125	1/4	121,162	1/4	110,199	1/4	99,236	1/4	88,273	1/4	77,310	1/4	66,347
1/2		1/2	153,396	1/2	142,860	1/2	131,896	1/2	120,933	1/2	109,970	1/2	99,007	1/2	88,044	1/2	77,081	1/2	66,118
3/4		3/4	153,282	3/4	142,631	3/4	131,668	3/4	120,705	3/4	109,742	3/4	98,779	3/4	87,816	3/4	76,853	3/4	65,890
2		2	153,168	2	142,403	2	131,440	2	120,477	2	109,514	2	98,551	2	87,587	2	76,624	2	65,661
1/4		1/4	152,981	1/4	142,174	1/4	131,211	1/4	120,248	1/4	109,285	1/4	98,322	1/4	87,359	1/4	76,396	1/4	65,433
1/2		1/2	152,795	1/2	141,946	1/2	130,983	1/2	120,020	1/2	109,057	1/2	98,094	1/2	87,131	1/2	76,168	1/2	65,205
3/4		3/4	152,609	3/4	141,718	3/4	130,754	3/4	119,791	3/4	108,828	3/4	97,865	3/4	86,902	3/4	75,939	3/4	64,976
3		3	152,422	3	141,489	3	130,526	3	119,563	3	108,600	3	97,637	3	86,674	3	75,711	3	64,748
1/4		1/4	152,201	1/4	141,261	1/4	130,298	1/4	119,335	1/4	108,372	1/4	97,409	1/4	86,445	1/4	75,482	1/4	64,519
1/2		1/2	151,979	1/2	141,032	1/2	130,069	1/2	119,106	1/2	108,143	1/2	97,180	1/2	86,217	1/2	75,254	1/2	64,291
3/4		3/4	151,757	3/4	140,804	3/4	129,841	3/4	118,878	3/4	107,915	3/4	96,952	3/4	85,989	3/4	75,026	3/4	64,063
4		4	151,536	4	140,576	4	129,613	4	118,649	4	107,686	4	96,723	4	85,760	4	74,797	4	63,834
1/4		1/4	151,308	1/4	140,347	1/4	129,384	1/4	118,421	1/4	107,458	1/4	96,495	1/4	85,532	1/4	74,569	1/4	63,606
1/2		1/2	151,080	1/2	140,119	1/2	129,156	1/2	118,193	1/2	107,230	1/2	96,267	1/2	85,304	1/2	74,340	1/2	63,377
3/4		3/4	150,852	3/4	139,890	3/4	128,927	3/4	117,964	3/4	107,001	3/4	96,038	3/4	85,075	3/4	74,112	3/4	63,149
5		5	150,625	5	139,662	5	128,699	5	117,736	5	106,773	5	95,810	5	84,847	5	73,884	5	62,921
1/4		1/4	150,396	1/4	139,434	1/4	128,471	1/4	117,507	1/4	106,544	1/4	95,581	1/4	84,618	1/4	73,655	1/4	62,692
1/2		1/2	150,168	1/2	139,205	1/2	128,242	1/2	117,279	1/2	106,316	1/2	95,353	1/2	84,390	1/2	73,427	1/2	62,464
3/4		3/4	149,940	3/4	138,977	3/4	128,014	3/4	117,051	3/4	106,088	3/4	95,125	3/4	84,162	3/4	73,198	3/4	62,235
6		6	149,711	6	138,748	6	127,785	6	116,822	6	105,859	6	94,896	6	83,933	6	72,970	6	62,007
1/4		1/4	149,483	1/4	138,520	1/4	127,557	1/4	116,594	1/4	105,631	1/4	94,668	1/4	83,705	1/4	72,742	1/4	61,779
1/2		1/2	149,255	1/2	138,292	1/2	127,329	1/2	116,365	1/2	105,402	1/2	94,439	1/2	83,476	1/2	72,513	1/2	61,550
3/4		3/4	149,026	3/4	138,063	3/4	127,100	3/4	116,137	3/4	105,174	3/4	94,211	3/4	83,248	3/4	72,285	3/4	61,322
7		7	148,798	7	137,835	7	126,872	7	115,909	7	104,946	7	93,983	7	83,020	7	72,056	7	61,093
1/4		1/4	148,569	1/4	137,606	1/4	126,643	1/4	115,680	1/4	104,717	1/4	93,754	1/4	82,791	1/4	71,828	1/4	60,865
1/2		1/2	148,341	1/2	137,378	1/2	126,415	1/2	115,452	1/2	104,489	1/2	93,526	1/2	82,563	1/2	71,600	1/2	60,637
3/4		3/4	148,113	3/4	137,150	3/4	126,187	3/4	115,224	3/4	104,260	3/4	93,297	3/4	82,334	3/4	71,371	3/4	60,408
8		8	147,884	8	136,921	8	125,958	8	114,995	8	104,032	8	93,069	8	82,106	8	71,143	8	60,180
1/4		1/4	147,656	1/4	136,693	1/4	125,730	1/4	114,767	1/4	103,804	1/4	92,841	1/4	81,878	1/4	70,915	1/4	59,951
1/2		1/2	147,428	1/2	136,464	1/2	125,501	1/2	114,538	1/2	103,575	1/2	92,612	1/2	81,649	1/2	70,686	1/2	59,723
3/4		3/4	147,199	3/4	136,236	3/4	125,273	3/4	114,310	3/4	103,347	3/4	92,384	3/4	81,421	3/4	70,458	3/4	59,495
9		9	146,971	9	136,008	9	125,045	9	114,082	9	103,118	9	92,155	9	81,192	9	70,229	9	59,266
1/4		1/4	146,742	1/4	135,779	1/4	124,816	1/4	113,853	1/4	102,890	1/4	91,927	1/4	80,964	1/4	70,001	1/4	59,038
1/2		1/2	146,514	1/2	135,551	1/2	124,588	1/2	113,625	1/2	102,662	1/2	91,699	1/2	80,736	1/2	69,773	1/2	58,809
3/4		3/4	146,285	3/4	135,322	3/4	124,359	3/4	113,396	3/4	102,433	3/4	91,470	3/4	80,507	3/4	69,544	3/4	58,581
10		10	146,057	10	135,094	10	124,131	10	113,168	10	102,205	10	91,242	10	80,279	10	69,316	10	58,353
1/4		1/4	145,829	1/4	134,866	1/4	123,903	1/4	112,940	1/4	101,976	1/4	91,013	1/4	80,050	1/4	69,087	1/4	58,124
1/2		1/2	145,600	1/2	134,637	1/2	123,674	1/2	112,711	1/2	101,748	1/2	90,785	1/2	79,822	1/2	68,859	1/2	57,896
3/4		3/4	145,372	3/4	134,409	3/4	123,446	3/4	112,483	3/4	101,520	3/4	90,557	3/4	79,594	3/4	68,631	3/4	57,667
11		11	145,143	11	134,180	11	123,217	11	112,254	11	101,291	11	90,328	11	79,365	11	68,402	11	57,439
1/4		1/4	144,915	1/4	133,952	1/4	122,989	1/4	112,026	1/4	101,063	1/4	90,100	1/4	79,137	1/4	68,174	1/4	57,211
1/2		1/2	144,687	1/2	133,724	1/2	122,761	1/2	111,798	1/2	100,834	1/2	89,871	1/2	78,908	1/2	67,945	1/2	56,982
3/4		3/4	144,458	3/4	133,495	3/4	122,532	3/4	111,569	3/4	100,606	3/4	89,643	3/4	78,680	3/4	67,717	3/4	56,754

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1084"

3 CENTER ULLAGE 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	56,525	0	45,562	0	34,600	0	23,654	0	12,691	0	1,736	0		0					
1/4	56,297	1/4	45,334	1/4	34,372	1/4	23,426	1/4	12,463	1/4	1,532	1/4		1/4					1/4
1/2	56,069	1/2	45,106	1/2	34,144	1/2	23,197	1/2	12,235	1/2	1,328	1/2		1/2					1/2
3/4	55,840	3/4	44,877	3/4	33,916	3/4	22,969	3/4	12,006	3/4	1,124	3/4		3/4					3/4
1	55,612	1	44,649	1	33,688	1	22,741	1	11,778	1	921	1		1					1
1/4	55,384	1/4	44,420	1/4	33,460	1/4	22,512	1/4	11,550	1/4	778	1/4		1/4					1/4
1/2	55,155	1/2	44,192	1/2	33,232	1/2	22,284	1/2	11,321	1/2	635	1/2		1/2					1/2
3/4	54,927	3/4	43,964	3/4	33,004	3/4	22,055	3/4	11,093	3/4	492	3/4		3/4					3/4
2	54,698	2	43,735	2	32,776	2	21,827	2	10,864	2	350	2		2					2
1/4	54,470	1/4	43,507	1/4	32,549	1/4	21,599	1/4	10,636	1/4	283	1/4		1/4					1/4
1/2	54,242	1/2	43,278	1/2	32,321	1/2	21,370	1/2	10,408	1/2	217	1/2		1/2					1/2
3/4	54,013	3/4	43,050	3/4	32,093	3/4	21,142	3/4	10,179	3/4	150	3/4		3/4					3/4
3	53,785	3	42,822	3	31,865	3	20,913	3	9,951	3	83	3		3					3
1/4	53,556	1/4	42,593	1/4	31,637	1/4	20,685	1/4	9,722	1/4		1/4		1/4					1/4
1/2	53,328	1/2	42,365	1/2	31,409	1/2	20,457	1/2	9,494	1/2		1/2		1/2					1/2
3/4	53,100	3/4	42,136	3/4	31,181	3/4	20,228	3/4	9,266	3/4		3/4		3/4					3/4
4	52,871	4	41,908	4	30,953	4	20,000	4	9,037	4		4		4					4
1/4	52,643	1/4	41,680	1/4	30,725	1/4	19,771	1/4	8,809	1/4		1/4		1/4					1/4
1/2	52,414	1/2	41,451	1/2	30,497	1/2	19,543	1/2	8,580	1/2		1/2		1/2					1/2
3/4	52,186	3/4	41,223	3/4	30,269	3/4	19,315	3/4	8,352	3/4		3/4		3/4					3/4
5	51,958	5	40,995	5	30,041	5	19,086	5	8,124	5		5		5					5
1/4	51,729	1/4	40,766	1/4	29,813	1/4	18,858	1/4	7,895	1/4		1/4		1/4					1/4
1/2	51,501	1/2	40,538	1/2	29,585	1/2	18,630	1/2	7,667	1/2		1/2		1/2					1/2
3/4	51,272	3/4	40,309	3/4	29,357	3/4	18,401	3/4	7,439	3/4		3/4		3/4					3/4
6	51,044	6	40,081	6	29,129	6	18,173	6	7,210	6		6		6					6
1/4	50,816	1/4	39,853	1/4	28,901	1/4	17,944	1/4	6,982	1/4		1/4		1/4					1/4
1/2	50,587	1/2	39,624	1/2	28,674	1/2	17,716	1/2	6,753	1/2		1/2		1/2					1/2
3/4	50,359	3/4	39,396	3/4	28,446	3/4	17,488	3/4	6,525	3/4		3/4		3/4					3/4
7	50,130	7	39,167	7	28,218	7	17,259	7	6,297	7		7		7					7
1/4	49,902	1/4	38,939	1/4	27,990	1/4	17,031	1/4	6,068	1/4		1/4		1/4					1/4
1/2	49,674	1/2	38,711	1/2	27,762	1/2	16,802	1/2	5,840	1/2		1/2		1/2					1/2
3/4	49,445	3/4	38,482	3/4	27,534	3/4	16,574	3/4	5,612	3/4		3/4		3/4					3/4
8	49,217	8	38,254	8	27,306	8	16,346	8	5,383	8		8		8					8
1/4	48,988	1/4	38,025	1/4	27,078	1/4	16,117	1/4	5,155	1/4		1/4		1/4					1/4
1/2	48,760	1/2	37,797	1/2	26,850	1/2	15,889	1/2	4,926	1/2		1/2		1/2					1/2
3/4	48,532	3/4	37,569	3/4	26,622	3/4	15,661	3/4	4,698	3/4		3/4		3/4					3/4
9	48,303	9	37,340	9	26,394	9	15,432	9	4,470	9		9		9					9
1/4	48,075	1/4	37,112	1/4	26,166	1/4	15,204	1/4	4,241	1/4		1/4		1/4					1/4
1/2	47,846	1/2	36,883	1/2	25,938	1/2	14,975	1/2	4,013	1/2		1/2		1/2					1/2
3/4	47,618	3/4	36,655	3/4	25,709	3/4	14,747	3/4	3,785	3/4		3/4		3/4					3/4
10	47,390	10	36,427	10	25,481	10	14,519	10	3,556	10		10		10					10
1/4	47,161	1/4	36,198	1/4	25,253	1/4	14,290	1/4	3,328	1/4		1/4		1/4					1/4
1/2	46,933	1/2	35,970	1/2	25,024	1/2	14,062	1/2	3,100	1/2		1/2		1/2					1/2
3/4	46,704	3/4	35,741	3/4	24,796	3/4	13,833	3/4	2,872	3/4		3/4		3/4					3/4
11	46,476	11	35,513	11	24,568	11	13,605	11	2,644	11		11		11					11
1/4	46,248	1/4	35,285	1/4	24,339	1/4	13,377	1/4	2,417	1/4		1/4		1/4					1/4
1/2	46,019	1/2	35,057	1/2	24,111	1/2	13,148	1/2	2,190	1/2		1/2		1/2					1/2
3/4	45,791	3/4	34,829	3/4	23,882	3/4	12,920	3/4	1,963	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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