



BARGE "IB 1085"

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	- 00-3/8	00-3/8	- 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 13, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1085"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	168,396	0	157,693	0	147,012	0	136,330	0	125,649	0	113,937	0	101,452	0	88,968	0	76,484		
1/4	1/4	1/4	168,342	1/4	157,470	1/4	146,789	1/4	136,108	1/4	125,427	1/4	113,677	1/4	101,192	1/4	88,708	1/4	76,223		
1/2	1/2	1/2	168,289	1/2	157,248	1/2	146,567	1/2	135,885	1/2	125,204	1/2	113,416	1/2	100,932	1/2	88,448	1/2	75,963		
3/4	3/4	3/4	168,235	3/4	157,025	3/4	146,344	3/4	135,663	3/4	124,981	3/4	113,156	3/4	100,672	3/4	88,188	3/4	75,703		
1	1	1	168,105	1	156,803	1	146,122	1	135,440	1	124,759	1	112,896	1	100,412	1	87,928	1	75,443		
1/4	1/4	1/4	167,975	1/4	156,580	1/4	145,899	1/4	135,218	1/4	124,536	1/4	112,636	1/4	100,152	1/4	87,668	1/4	75,183		
1/2	1/2	1/2	167,844	1/2	156,358	1/2	145,677	1/2	134,995	1/2	124,314	1/2	112,376	1/2	99,892	1/2	87,408	1/2	74,923		
3/4	3/4	3/4	167,714	3/4	156,135	3/4	145,454	3/4	134,773	3/4	124,091	3/4	112,116	3/4	99,632	3/4	87,148	3/4	74,663		
2	2	2	167,501	2	155,913	2	145,231	2	134,550	2	123,869	2	111,856	2	99,372	2	86,887	2	74,403		
1/4	1/4	1/4	167,289	1/4	155,690	1/4	145,009	1/4	134,328	1/4	123,646	1/4	111,596	1/4	99,112	1/4	86,627	1/4	74,143		
1/2	1/2	1/2	167,076	1/2	155,468	1/2	144,786	1/2	134,105	1/2	123,424	1/2	111,336	1/2	98,851	1/2	86,367	1/2	73,883		
3/4	3/4	3/4	166,864	3/4	155,245	3/4	144,564	3/4	133,883	3/4	123,201	3/4	111,076	3/4	98,591	3/4	86,107	3/4	73,622		
3	3	3	166,611	3	155,023	3	144,341	3	133,660	3	122,979	3	110,815	3	98,331	3	85,847	3	73,362		
1/4	1/4	1/4	166,358	1/4	154,800	1/4	144,119	1/4	133,438	1/4	122,756	1/4	110,555	1/4	98,071	1/4	85,587	1/4	73,102		
1/2	1/2	1/2	166,105	1/2	154,578	1/2	143,896	1/2	133,215	1/2	122,534	1/2	110,295	1/2	97,811	1/2	85,327	1/2	72,842		
3/4	3/4	3/4	165,852	3/4	154,355	3/4	143,674	3/4	132,992	3/4	122,311	3/4	110,035	3/4	97,551	3/4	85,067	3/4	72,582		
4	4	4	165,592	4	154,133	4	143,451	4	132,770	4	122,089	4	109,775	4	97,291	4	84,807	4	72,322		
1/4	1/4	1/4	165,332	1/4	153,910	1/4	143,229	1/4	132,547	1/4	121,867	1/4	109,515	1/4	97,031	1/4	84,547	1/4	72,062		
1/2	1/2	1/2	165,072	1/2	153,688	1/2	143,006	1/2	132,325	1/2	121,645	1/2	109,255	1/2	96,771	1/2	84,286	1/2	71,802		
3/4	3/4	3/4	164,812	3/4	153,465	3/4	142,784	3/4	132,102	3/4	121,422	3/4	108,995	3/4	96,511	3/4	84,026	3/4	71,542		
5	5	5	164,552	5	153,242	5	142,561	5	131,880	5	121,177	5	108,735	5	96,251	5	83,766	5	71,282		
1/4	1/4	1/4	164,291	1/4	153,020	1/4	142,339	1/4	131,657	1/4	120,931	1/4	108,475	1/4	95,991	1/4	83,506	1/4	71,022		
1/2	1/2	1/2	164,031	1/2	152,797	1/2	142,116	1/2	131,435	1/2	120,685	1/2	108,214	1/2	95,731	1/2	83,246	1/2	70,763		
3/4	3/4	3/4	163,770	3/4	152,575	3/4	141,894	3/4	131,212	3/4	120,439	3/4	107,954	3/4	95,471	3/4	82,986	3/4	70,503		
6	6	6	163,510	6	152,352	6	141,671	6	130,990	6	120,179	6	107,694	6	95,210	6	82,726	6	70,243		
1/4	1/4	1/4	163,249	1/4	152,130	1/4	141,449	1/4	130,767	1/4	119,919	1/4	107,434	1/4	94,950	1/4	82,466	1/4	69,984		
1/2	1/2	1/2	162,988	1/2	151,907	1/2	141,226	1/2	130,545	1/2	119,659	1/2	107,174	1/2	94,690	1/2	82,206	1/2	69,724		
3/4	3/4	3/4	162,728	3/4	151,685	3/4	141,003	3/4	130,322	3/4	119,399	3/4	106,914	3/4	94,430	3/4	81,946	3/4	69,465		
7	7	7	162,467	7	151,462	7	140,781	7	130,100	7	119,139	7	106,654	7	94,170	7	81,685	7	69,205		
1/4	1/4	1/4	162,207	1/4	151,240	1/4	140,558	1/4	129,877	1/4	118,878	1/4	106,394	1/4	93,910	1/4	81,425	1/4	68,946		
1/2	1/2	1/2	161,946	1/2	151,017	1/2	140,336	1/2	129,655	1/2	118,618	1/2	106,134	1/2	93,650	1/2	81,165	1/2	68,686		
3/4	3/4	3/4	161,685	3/4	150,795	3/4	140,113	3/4	129,432	3/4	118,358	3/4	105,874	3/4	93,390	3/4	80,905	3/4	68,427		
8	8	8	161,425	8	150,572	8	139,891	8	129,210	8	118,098	8	105,614	8	93,130	8	80,645	8	68,167		
1/4	1/4	1/4	161,164	1/4	150,350	1/4	139,668	1/4	128,987	1/4	117,838	1/4	105,353	1/4	92,870	1/4	80,385	1/4	67,908		
1/2	1/2	1/2	160,904	1/2	150,127	1/2	139,446	1/2	128,764	1/2	117,578	1/2	105,093	1/2	92,610	1/2	80,125	1/2	67,648		
3/4	3/4	3/4	160,643	3/4	149,905	3/4	139,223	3/4	128,542	3/4	117,318	3/4	104,833	3/4	92,349	3/4	79,865	3/4	67,389		
9	9	9	160,406	9	149,682	9	139,001	9	128,319	9	117,058	9	104,573	9	92,089	9	79,605	9	67,129		
1/4	1/4	1/4	160,169	1/4	149,460	1/4	138,778	1/4	128,097	1/4	116,798	1/4	104,313	1/4	91,829	1/4	79,345	1/4	66,870		
1/2	1/2	1/2	159,933	1/2	149,237	1/2	138,556	1/2	127,874	1/2	116,538	1/2	104,053	1/2	91,569	1/2	79,084	1/2	66,610		
3/4	3/4	3/4	159,696	3/4	149,014	3/4	138,333	3/4	127,652	3/4	116,277	3/4	103,793	3/4	91,309	3/4	78,824	3/4	66,351		
10	10	10	159,473	10	148,792	10	138,111	10	127,429	10	116,017	10	103,533	10	91,049	10	78,564	10	66,091		
1/4	1/4	1/4	159,251	1/4	148,569	1/4	137,888	1/4	127,207	1/4	115,757	1/4	103,273	1/4	90,789	1/4	78,304	1/4	65,832		
1/2	1/2	1/2	159,028	1/2	148,347	1/2	137,666	1/2	126,984	1/2	115,497	1/2	103,013	1/2	90,529	1/2	78,044	1/2	65,572		
3/4	3/4	3/4	158,806	3/4	148,124	3/4	137,443	3/4	126,762	3/4	115,237	3/4	102,753	3/4	90,269	3/4	77,784	3/4	65,313		
11	11	11	158,583	11	147,902	11	137,220	11	126,539	11	114,977	11	102,492	11	90,009	11	77,524	11	65,053		
1/4	1/4	1/4	158,361	1/4	147,679	1/4	136,998	1/4	126,317	1/4	114,717	1/4	102,232	1/4	89,748	1/4	77,264	1/4	64,794		
1/2	1/2	1/2	158,138	1/2	147,457	1/2	136,775	1/2	126,094	1/2	114,457	1/2	101,972	1/2	89,488	1/2	77,004	1/2	64,534		
3/4	3/4	3/4	157,916	3/4	147,234	3/4	136,553	3/4	125,872	3/4	114,197	3/4	101,712	3/4	89,228	3/4	76,744	3/4	64,275		

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 ULLAGE 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
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "IB 1085"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

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	64,015	0	51,543	0	39,086	0	26,834	0	14,349	0	1,888	0		0		0		0	
1/4	63,756	1/4	51,283	1/4	38,832	1/4	26,574	1/4	14,089	1/4	1,655	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,496	1/2	51,023	1/2	38,579	1/2	26,314	1/2	13,828	1/2	1,423	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,237	3/4	50,763	3/4	38,325	3/4	26,053	3/4	13,568	3/4	1,190	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	62,977	1	50,503	1	38,071	1	25,793	1	13,308	1	1,027	1	1	1	1	1	1	1	1
1/4	62,718	1/4	50,243	1/4	37,817	1/4	25,533	1/4	13,048	1/4	864	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,458	1/2	49,983	1/2	37,564	1/2	25,273	1/2	12,788	1/2	702	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,199	3/4	49,723	3/4	37,310	3/4	25,013	3/4	12,528	3/4	539	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	61,939	2	49,463	2	37,056	2	24,753	2	12,268	2	463	2	2	2	2	2	2	2	2
1/4	61,680	1/4	49,203	1/4	36,802	1/4	24,493	1/4	12,008	1/4	387	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,420	1/2	48,943	1/2	36,549	1/2	24,233	1/2	11,747	1/2	311	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,161	3/4	48,683	3/4	36,295	3/4	23,973	3/4	11,487	3/4	235	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	60,901	3	48,423	3	36,041	3	23,712	3	11,227	3		3	3	3	3	3	3	3	3
1/4	60,641	1/4	48,163	1/4	35,787	1/4	23,452	1/4	10,967	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,382	1/2	47,903	1/2	35,534	1/2	23,192	1/2	10,707	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,122	3/4	47,643	3/4	35,280	3/4	22,932	3/4	10,447	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	59,862	4	47,383	4	35,026	4	22,672	4	10,187	4	4	4	4	4	4	4	4	4	4
1/4	59,602	1/4	47,123	1/4	34,773	1/4	22,412	1/4	9,926	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,342	1/2	46,863	1/2	34,519	1/2	22,152	1/2	9,666	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,082	3/4	46,603	3/4	34,265	3/4	21,892	3/4	9,406	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	58,822	5	46,343	5	34,011	5	21,632	5	9,145	5	5	5	5	5	5	5	5	5	5
1/4	58,562	1/4	46,083	1/4	33,758	1/4	21,372	1/4	8,885	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,302	1/2	45,824	1/2	33,504	1/2	21,111	1/2	8,625	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,042	3/4	45,564	3/4	33,250	3/4	20,851	3/4	8,364	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	57,782	6	45,304	6	32,997	6	20,591	6	8,104	6	6	6	6	6	6	6	6	6	6
1/4	57,522	1/4	45,044	1/4	32,743	1/4	20,331	1/4	7,844	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,262	1/2	44,784	1/2	32,489	1/2	20,071	1/2	7,584	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,002	3/4	44,524	3/4	32,235	3/4	19,811	3/4	7,323	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	56,742	7	44,264	7	31,982	7	19,551	7	7,063	7	7	7	7	7	7	7	7	7	7
1/4	56,482	1/4	44,004	1/4	31,728	1/4	19,291	1/4	6,803	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,222	1/2	43,744	1/2	31,474	1/2	19,031	1/2	6,542	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,962	3/4	43,484	3/4	31,220	3/4	18,770	3/4	6,282	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	55,702	8	43,224	8	30,967	8	18,510	8	6,021	8	8	8	8	8	8	8	8	8	8
1/4	55,442	1/4	42,964	1/4	30,713	1/4	18,250	1/4	5,761	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,182	1/2	42,704	1/2	30,459	1/2	17,990	1/2	5,500	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,922	3/4	42,444	3/4	30,206	3/4	17,730	3/4	5,240	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	54,662	9	42,184	9	29,948	9	17,470	9	4,979	9	9	9	9	9	9	9	9	9	9
1/4	54,402	1/4	41,924	1/4	29,690	1/4	17,210	1/4	4,719	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,142	1/2	41,664	1/2	29,432	1/2	16,950	1/2	4,458	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,883	3/4	41,404	3/4	29,175	3/4	16,690	3/4	4,198	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	53,623	10	41,144	10	28,915	10	16,429	10	3,937	10	10	10	10	10	10	10	10	10	10
1/4	53,363	1/4	40,884	1/4	28,654	1/4	16,169	1/4	3,677	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,103	1/2	40,624	1/2	28,394	1/2	15,909	1/2	3,417	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,843	3/4	40,364	3/4	28,134	3/4	15,649	3/4	3,157	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	52,583	11	40,108	11	27,874	11	15,389	11	2,898	11	11	11	11	11	11	11	11	11	11
1/4	52,323	1/4	39,852	1/4	27,614	1/4	15,129	1/4	2,639	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,063	1/2	39,596	1/2	27,354	1/2	14,869	1/2	2,380	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,803	3/4	39,340	3/4	27,094	3/4	14,609	3/4	2,121	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: 08/05/2015 CL
CALCULATED: 08/06/2015 CL
PRINTED: 08/12/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "IB 1085"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1/4	155,157	1/4	145,476	1/4	134,400	1/4	123,324	1/4	112,249	1/4	101,173	1/4	90,098	1/4	79,022	1/4	67,947			
1/2	1/2	155,109	1/2	145,245	1/2	134,169	1/2	123,094	1/2	112,018	1/2	100,943	1/2	89,867	1/2	78,791	1/2	67,716			
3/4	3/4	155,062	3/4	145,014	3/4	133,939	3/4	122,863	3/4	111,787	3/4	100,712	3/4	89,636	3/4	78,561	3/4	67,485			
1	1	155,014	1	144,783	1	133,708	1	122,632	1	111,557	1	100,481	1	89,406	1	78,330	1	67,254			
1/4	1/4	154,967	1/4	144,553	1/4	133,477	1/4	122,401	1/4	111,326	1/4	100,250	1/4	89,175	1/4	78,099	1/4	67,024			
1/2	1/2	154,851	1/2	144,322	1/2	133,246	1/2	122,171	1/2	111,095	1/2	100,020	1/2	88,944	1/2	77,868	1/2	66,793			
3/4	3/4	154,736	3/4	144,091	3/4	133,016	3/4	121,940	3/4	110,864	3/4	99,789	3/4	88,713	3/4	77,638	3/4	66,562			
2	2	154,621	2	143,860	2	132,785	2	121,709	2	110,634	2	99,558	2	88,483	2	77,407	2	66,331			
1/4	1/4	154,505	1/4	143,630	1/4	132,554	1/4	121,479	1/4	110,403	1/4	99,327	1/4	88,252	1/4	77,176	1/4	66,101			
1/2	1/2	154,317	1/2	143,399	1/2	132,323	1/2	121,248	1/2	110,172	1/2	99,097	1/2	88,021	1/2	76,945	1/2	65,870			
3/4	3/4	154,129	3/4	143,168	3/4	132,093	3/4	121,017	3/4	109,941	3/4	98,866	3/4	87,790	3/4	76,715	3/4	65,639			
3	3	153,940	3	142,937	3	131,862	3	120,786	3	109,711	3	98,635	3	87,560	3	76,484	3	65,408			
1/4	1/4	153,752	1/4	142,707	1/4	131,631	1/4	120,556	1/4	109,480	1/4	98,404	1/4	87,329	1/4	76,253	1/4	65,178			
1/2	1/2	153,528	1/2	142,476	1/2	131,400	1/2	120,325	1/2	109,249	1/2	98,174	1/2	87,098	1/2	76,023	1/2	64,947			
3/4	3/4	153,304	3/4	142,245	3/4	131,170	3/4	120,094	3/4	109,018	3/4	97,943	3/4	86,867	3/4	75,792	3/4	64,716			
4	4	153,080	4	142,014	4	130,939	4	119,863	4	108,788	4	97,712	4	86,637	4	75,561	4	64,485			
1/4	1/4	152,856	1/4	141,784	1/4	130,708	1/4	119,633	1/4	108,557	1/4	97,481	1/4	86,406	1/4	75,330	1/4	64,255			
1/2	1/2	152,626	1/2	141,553	1/2	130,477	1/2	119,402	1/2	108,326	1/2	97,251	1/2	86,175	1/2	75,100	1/2	64,024			
3/4	3/4	152,396	3/4	141,322	3/4	130,247	3/4	119,171	3/4	108,096	3/4	97,020	3/4	85,944	3/4	74,869	3/4	63,793			
5	5	152,166	5	141,092	5	130,016	5	118,940	5	107,865	5	96,789	5	85,714	5	74,638	5	63,563			
1/4	1/4	151,936	1/4	140,861	1/4	129,785	1/4	118,710	1/4	107,634	1/4	96,558	1/4	85,483	1/4	74,407	1/4	63,332			
1/2	1/2	151,705	1/2	140,630	1/2	129,554	1/2	118,479	1/2	107,403	1/2	96,328	1/2	85,252	1/2	74,177	1/2	63,101			
3/4	3/4	151,475	3/4	140,399	3/4	129,324	3/4	118,248	3/4	107,173	3/4	96,097	3/4	85,021	3/4	73,946	3/4	62,870			
6	6	151,244	6	140,169	6	129,093	6	118,017	6	106,942	6	95,866	6	84,791	6	73,715	6	62,640			
1/4	1/4	151,013	1/4	139,938	1/4	128,862	1/4	117,787	1/4	106,711	1/4	95,636	1/4	84,560	1/4	73,484	1/4	62,409			
1/2	1/2	150,783	1/2	139,707	1/2	128,631	1/2	117,556	1/2	106,480	1/2	95,405	1/2	84,329	1/2	73,254	1/2	62,178			
3/4	3/4	150,552	3/4	139,476	3/4	128,401	3/4	117,325	3/4	106,250	3/4	95,174	3/4	84,098	3/4	73,023	3/4	61,947			
7	7	150,321	7	139,246	7	128,170	7	117,094	7	106,019	7	94,943	7	83,868	7	72,792	7	61,717			
1/4	1/4	150,090	1/4	139,015	1/4	127,939	1/4	116,864	1/4	105,788	1/4	94,713	1/4	83,637	1/4	72,561	1/4	61,486			
1/2	1/2	149,860	1/2	138,784	1/2	127,709	1/2	116,633	1/2	105,557	1/2	94,482	1/2	83,406	1/2	72,331	1/2	61,255			
3/4	3/4	149,629	3/4	138,553	3/4	127,478	3/4	116,402	3/4	105,327	3/4	94,251	3/4	83,175	3/4	72,100	3/4	61,024			
8	8	149,398	8	138,323	8	127,247	8	116,171	8	105,096	8	94,020	8	82,945	8	71,869	8	60,794			
1/4	1/4	149,167	1/4	138,092	1/4	127,016	1/4	115,941	1/4	104,865	1/4	93,790	1/4	82,714	1/4	71,638	1/4	60,563			
1/2	1/2	148,937	1/2	137,861	1/2	126,786	1/2	115,710	1/2	104,634	1/2	93,559	1/2	82,483	1/2	71,408	1/2	60,332			
3/4	3/4	148,706	3/4	137,630	3/4	126,555	3/4	115,479	3/4	104,404	3/4	93,328	3/4	82,253	3/4	71,177	3/4	60,101			
9	9	148,475	9	137,400	9	126,324	9	115,249	9	104,173	9	93,097	9	82,022	9	70,946	9	59,871			
1/4	1/4	148,244	1/4	137,169	1/4	126,093	1/4	115,018	1/4	103,942	1/4	92,867	1/4	81,791	1/4	70,715	1/4	59,640			
1/2	1/2	148,014	1/2	136,938	1/2	125,863	1/2	114,787	1/2	103,711	1/2	92,636	1/2	81,560	1/2	70,485	1/2	59,409			
3/4	3/4	147,783	3/4	136,707	3/4	125,632	3/4	114,556	3/4	103,481	3/4	92,405	3/4	81,330	3/4	70,254	3/4	59,178			
10	10	147,552	10	136,477	10	125,401	10	114,326	10	103,250	10	92,174	10	81,099	10	70,023	10	58,948			
1/4	1/4	147,322	1/4	136,246	1/4	125,170	1/4	114,095	1/4	103,019	1/4	91,944	1/4	80,868	1/4	69,793	1/4	58,717			
1/2	1/2	147,091	1/2	136,015	1/2	124,940	1/2	113,864	1/2	102,788	1/2	91,713	1/2	80,637	1/2	69,562	1/2	58,486			
3/4	3/4	146,860	3/4	135,784	3/4	124,709	3/4	113,633	3/4	102,558	3/4	91,482	3/4	80,407	3/4	69,331	3/4	58,255			
11	11	146,629	11	135,554	11	124,478	11	113,403	11	102,327	11	91,251	11	80,176	11	69,100	11	58,025			
1/4	1/4	146,399	1/4	135,323	1/4	124,247	1/4	113,172	1/4	102,096	1/4	91,021	1/4	79,945	1/4	68,870	1/4	57,794			
1/2	1/2	146,168	1/2	135,092	1/2	124,017	1/2	112,941	1/2	101,866	1/2	90,790	1/2	79,714	1/2	68,639	1/2	57,563			
3/4	3/4	145,937	3/4	134,862	3/4	123,786	3/4	112,710	3/4	101,635	3/4	90,559	3/4	79,484	3/4	68,408	3/4	57,332			

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 ULLAGE 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 1085"

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	57,102	0	46,026	0	34,962	0	24,127	0	13,052	0	1,983	0		0		0		0	
1/4	56,871	1/4	45,795	1/4	34,736	1/4	23,897	1/4	12,822	1/4	1,754	1/4		1/4		1/4		1/4	
1/2	56,640	1/2	45,565	1/2	34,511	1/2	23,666	1/2	12,591	1/2	1,548	1/2		1/2		1/2		1/2	
3/4	56,410	3/4	45,334	3/4	34,287	3/4	23,435	3/4	12,360	3/4	1,342	3/4		3/4		3/4		3/4	
1	56,179	1	45,103	1	34,062	1	23,204	1	12,129	1	1,136	1		1		1		1	
1/4	55,948	1/4	44,872	1/4	33,838	1/4	22,974	1/4	11,899	1/4	930	1/4		1/4		1/4		1/4	
1/2	55,717	1/2	44,642	1/2	33,613	1/2	22,743	1/2	11,668	1/2	786	1/2		1/2		1/2		1/2	
3/4	55,487	3/4	44,411	3/4	33,389	3/4	22,512	3/4	11,437	3/4	642	3/4		3/4		3/4		3/4	
2	55,256	2	44,180	2	33,164	2	22,282	2	11,206	2	497	2		2		2		2	
1/4	55,025	1/4	43,950	1/4	32,940	1/4	22,051	1/4	10,976	1/4	353	1/4		1/4		1/4		1/4	
1/2	54,794	1/2	43,719	1/2	32,715	1/2	21,820	1/2	10,745	1/2	286	1/2		1/2		1/2		1/2	
3/4	54,564	3/4	43,488	3/4	32,491	3/4	21,589	3/4	10,514	3/4	219	3/4		3/4		3/4		3/4	
3	54,333	3	43,257	3	32,267	3	21,359	3	10,283	3	151	3		3		3		3	
1/4	54,102	1/4	43,027	1/4	32,042	1/4	21,128	1/4	10,053	1/4	84	1/4		1/4		1/4		1/4	
1/2	53,871	1/2	42,796	1/2	31,818	1/2	20,897	1/2	9,822	1/2		1/2		1/2		1/2		1/2	
3/4	53,641	3/4	42,565	3/4	31,593	3/4	20,666	3/4	9,591	3/4		3/4		3/4		3/4		3/4	
4	53,410	4	42,334	4	31,369	4	20,436	4	9,361	4		4		4		4		4	
1/4	53,179	1/4	42,104	1/4	31,144	1/4	20,205	1/4	9,130	1/4		1/4		1/4		1/4		1/4	
1/2	52,948	1/2	41,873	1/2	30,920	1/2	19,974	1/2	8,899	1/2		1/2		1/2		1/2		1/2	
3/4	52,718	3/4	41,642	3/4	30,696	3/4	19,744	3/4	8,668	3/4		3/4		3/4		3/4		3/4	
5	52,487	5	41,411	5	30,471	5	19,513	5	8,438	5		5		5		5		5	
1/4	52,256	1/4	41,181	1/4	30,247	1/4	19,282	1/4	8,207	1/4		1/4		1/4		1/4		1/4	
1/2	52,025	1/2	40,950	1/2	30,022	1/2	19,051	1/2	7,976	1/2		1/2		1/2		1/2		1/2	
3/4	51,795	3/4	40,719	3/4	29,798	3/4	18,821	3/4	7,745	3/4		3/4		3/4		3/4		3/4	
6	51,564	6	40,488	6	29,573	6	18,590	6	7,515	6		6		6		6		6	
1/4	51,333	1/4	40,258	1/4	29,349	1/4	18,359	1/4	7,284	1/4		1/4		1/4		1/4		1/4	
1/2	51,102	1/2	40,027	1/2	29,125	1/2	18,128	1/2	7,053	1/2		1/2		1/2		1/2		1/2	
3/4	50,872	3/4	39,796	3/4	28,900	3/4	17,898	3/4	6,823	3/4		3/4		3/4		3/4		3/4	
7	50,641	7	39,565	7	28,676	7	17,667	7	6,592	7		7		7		7		7	
1/4	50,410	1/4	39,335	1/4	28,451	1/4	17,436	1/4	6,361	1/4		1/4		1/4		1/4		1/4	
1/2	50,180	1/2	39,104	1/2	28,227	1/2	17,205	1/2	6,130	1/2		1/2		1/2		1/2		1/2	
3/4	49,949	3/4	38,873	3/4	28,003	3/4	16,975	3/4	5,900	3/4		3/4		3/4		3/4		3/4	
8	49,718	8	38,642	8	27,778	8	16,744	8	5,669	8		8		8		8		8	
1/4	49,487	1/4	38,412	1/4	27,554	1/4	16,513	1/4	5,438	1/4		1/4		1/4		1/4		1/4	
1/2	49,257	1/2	38,181	1/2	27,329	1/2	16,283	1/2	5,208	1/2		1/2		1/2		1/2		1/2	
3/4	49,026	3/4	37,950	3/4	27,105	3/4	16,052	3/4	4,977	3/4		3/4		3/4		3/4		3/4	
9	48,795	9	37,719	9	26,880	9	15,821	9	4,746	9		9		9		9		9	
1/4	48,564	1/4	37,489	1/4	26,656	1/4	15,590	1/4	4,515	1/4		1/4		1/4		1/4		1/4	
1/2	48,334	1/2	37,258	1/2	26,428	1/2	15,360	1/2	4,285	1/2		1/2		1/2		1/2		1/2	
3/4	48,103	3/4	37,027	3/4	26,199	3/4	15,129	3/4	4,054	3/4		3/4		3/4		3/4		3/4	
10	47,872	10	36,797	10	25,971	10	14,898	10	3,823	10		10		10		10		10	
1/4	47,641	1/4	36,566	1/4	25,743	1/4	14,667	1/4	3,593	1/4		1/4		1/4		1/4		1/4	
1/2	47,411	1/2	36,335	1/2	25,512	1/2	14,437	1/2	3,362	1/2		1/2		1/2		1/2		1/2	
3/4	47,180	3/4	36,104	3/4	25,281	3/4	14,206	3/4	3,132	3/4		3/4		3/4		3/4		3/4	
11	46,949	11	35,874	11	25,050	11	13,975	11	2,902	11		11		11		11		11	
1/4	46,718	1/4	35,643	1/4	24,820	1/4	13,744	1/4	2,671	1/4		1/4		1/4		1/4		1/4	
1/2	46,488	1/2	35,416	1/2	24,589	1/2	13,514	1/2	2,442	1/2		1/2		1/2		1/2		1/2	
3/4	46,257	3/4	35,189	3/4	24,358	3/4	13,283	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: 08/12/2015 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 77586
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BARGE "IB 1085"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0		0		0	144,627	0	133,651	0	122,675	0	111,699	0	100,724	0	89,748	0	78,772	0	67,796
1/4	1/4	153,992	1/4	144,398	1/4	133,422	1/4	122,447	1/4	111,471	1/4	100,495	1/4	89,519	1/4	78,543	1/4	67,567	
1/2	1/2	153,945	1/2	144,170	1/2	133,194	1/2	122,218	1/2	111,242	1/2	100,266	1/2	89,290	1/2	78,315	1/2	67,339	
3/4	3/4	153,898	3/4	143,941	3/4	132,965	3/4	121,989	3/4	111,013	3/4	100,038	3/4	89,062	3/4	78,086	3/4	67,110	
1	1	153,851	1	143,712	1	132,736	1	121,761	1	110,785	1	99,809	1	88,833	1	77,857	1	66,881	
1/4	1/4	153,804	1/4	143,484	1/4	132,508	1/4	121,532	1/4	110,556	1/4	99,580	1/4	88,604	1/4	77,629	1/4	66,653	
1/2	1/2	153,690	1/2	143,255	1/2	132,279	1/2	121,303	1/2	110,327	1/2	99,352	1/2	88,376	1/2	77,400	1/2	66,424	
3/4	3/4	153,575	3/4	143,026	3/4	132,050	3/4	121,075	3/4	110,099	3/4	99,123	3/4	88,147	3/4	77,171	3/4	66,195	
2	2	153,461	2	142,798	2	131,822	2	120,846	2	109,870	2	98,894	2	87,918	2	76,943	2	65,967	
1/4	1/4	153,347	1/4	142,569	1/4	131,593	1/4	120,617	1/4	109,641	1/4	98,666	1/4	87,690	1/4	76,714	1/4	65,738	
1/2	1/2	153,160	1/2	142,340	1/2	131,364	1/2	120,389	1/2	109,413	1/2	98,437	1/2	87,461	1/2	76,485	1/2	65,509	
3/4	3/4	152,974	3/4	142,112	3/4	131,136	3/4	120,160	3/4	109,184	3/4	98,208	3/4	87,232	3/4	76,257	3/4	65,281	
3	3	152,787	3	141,883	3	130,907	3	119,931	3	108,955	3	97,980	3	87,004	3	76,028	3	65,052	
1/4	1/4	152,600	1/4	141,654	1/4	130,678	1/4	119,703	1/4	108,727	1/4	97,751	1/4	86,775	1/4	75,799	1/4	64,823	
1/2	1/2	152,378	1/2	141,426	1/2	130,450	1/2	119,474	1/2	108,498	1/2	97,522	1/2	86,546	1/2	75,571	1/2	64,595	
3/4	3/4	152,156	3/4	141,197	3/4	130,221	3/4	119,245	3/4	108,269	3/4	97,294	3/4	86,318	3/4	75,342	3/4	64,366	
4	4	151,935	4	140,968	4	129,993	4	119,017	4	108,041	4	97,065	4	86,089	4	75,113	4	64,137	
1/4	1/4	151,713	1/4	140,740	1/4	129,764	1/4	118,788	1/4	107,812	1/4	96,836	1/4	85,860	1/4	74,885	1/4	63,909	
1/2	1/2	151,485	1/2	140,511	1/2	129,535	1/2	118,559	1/2	107,583	1/2	96,608	1/2	85,632	1/2	74,656	1/2	63,680	
3/4	3/4	151,256	3/4	140,282	3/4	129,307	3/4	118,331	3/4	107,355	3/4	96,379	3/4	85,403	3/4	74,427	3/4	63,451	
5	5	151,028	5	140,054	5	129,078	5	118,102	5	107,126	5	96,150	5	85,174	5	74,199	5	63,223	
1/4	1/4	150,800	1/4	139,825	1/4	128,849	1/4	117,873	1/4	106,897	1/4	95,922	1/4	84,946	1/4	73,970	1/4	62,994	
1/2	1/2	150,572	1/2	139,596	1/2	128,621	1/2	117,645	1/2	106,669	1/2	95,693	1/2	84,717	1/2	73,741	1/2	62,765	
3/4	3/4	150,343	3/4	139,368	3/4	128,392	3/4	117,416	3/4	106,440	3/4	95,464	3/4	84,488	3/4	73,513	3/4	62,537	
6	6	150,115	6	139,139	6	128,163	6	117,187	6	106,211	6	95,236	6	84,260	6	73,284	6	62,308	
1/4	1/4	149,886	1/4	138,910	1/4	127,935	1/4	116,959	1/4	105,983	1/4	95,007	1/4	84,031	1/4	73,055	1/4	62,079	
1/2	1/2	149,658	1/2	138,682	1/2	127,706	1/2	116,730	1/2	105,754	1/2	94,778	1/2	83,802	1/2	72,827	1/2	61,851	
3/4	3/4	149,429	3/4	138,453	3/4	127,477	3/4	116,501	3/4	105,525	3/4	94,550	3/4	83,574	3/4	72,598	3/4	61,622	
7	7	149,200	7	138,224	7	127,249	7	116,273	7	105,297	7	94,321	7	83,345	7	72,369	7	61,393	
1/4	1/4	148,972	1/4	137,996	1/4	127,020	1/4	116,044	1/4	105,068	1/4	94,092	1/4	83,116	1/4	72,141	1/4	61,165	
1/2	1/2	148,743	1/2	137,767	1/2	126,791	1/2	115,815	1/2	104,840	1/2	93,864	1/2	82,888	1/2	71,912	1/2	60,936	
3/4	3/4	148,514	3/4	137,538	3/4	126,563	3/4	115,587	3/4	104,611	3/4	93,635	3/4	82,659	3/4	71,683	3/4	60,707	
8	8	148,286	8	137,310	8	126,334	8	115,358	8	104,382	8	93,406	8	82,430	8	71,455	8	60,479	
1/4	1/4	148,057	1/4	137,081	1/4	126,105	1/4	115,129	1/4	104,154	1/4	93,178	1/4	82,202	1/4	71,226	1/4	60,250	
1/2	1/2	147,828	1/2	136,852	1/2	125,877	1/2	114,901	1/2	103,925	1/2	92,949	1/2	81,973	1/2	70,997	1/2	60,021	
3/4	3/4	147,600	3/4	136,624	3/4	125,648	3/4	114,672	3/4	103,696	3/4	92,720	3/4	81,744	3/4	70,769	3/4	59,793	
9	9	147,371	9	136,395	9	125,419	9	114,443	9	103,468	9	92,492	9	81,516	9	70,540	9	59,564	
1/4	1/4	147,142	1/4	136,166	1/4	125,191	1/4	114,215	1/4	103,239	1/4	92,263	1/4	81,287	1/4	70,311	1/4	59,335	
1/2	1/2	146,914	1/2	135,938	1/2	124,962	1/2	113,986	1/2	103,010	1/2	92,034	1/2	81,058	1/2	70,083	1/2	59,107	
3/4	3/4	146,685	3/4	135,709	3/4	124,733	3/4	113,757	3/4	102,782	3/4	91,806	3/4	80,830	3/4	69,854	3/4	58,878	
10	10	146,456	10	135,480	10	124,505	10	113,529	10	102,553	10	91,577	10	80,601	10	69,625	10	58,649	
1/4	1/4	146,228	1/4	135,252	1/4	124,276	1/4	113,300	1/4	102,324	1/4	91,348	1/4	80,373	1/4	69,397	1/4	58,421	
1/2	1/2	145,999	1/2	135,023	1/2	124,047	1/2	113,071	1/2	102,096	1/2	91,120	1/2	80,145	1/2	69,168	1/2	58,192	
3/4	3/4	145,770	3/4	134,794	3/4	123,819	3/4	112,843	3/4	101,867	3/4	90,891	3/4	79,915	3/4	68,939	3/4	57,963	
11	11	145,542	11	134,566	11	123,590	11	112,614	11	101,638	11	90,662	11	79,687	11	68,711	11	57,735	
1/4	1/4	145,313	1/4	134,337	1/4	123,361	1/4	112,385	1/4	101,410	1/4	90,434	1/4	79,458	1/4	68,482	1/4	57,506	
1/2	1/2	145,084	1/2	134,108	1/2	123,133	1/2	112,157	1/2	101,181	1/2	90,205	1/2	79,229	1/2	68,253	1/2	57,277	
3/4	3/4	144,856	3/4	133,880	3/4	122,904	3/4	111,928	3/4	100,952	3/4	89,976	3/4	79,001	3/4	68,025	3/4	57,049	

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



BARGE "IB 1085"

3 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	56,820	0	45,844	0	34,869	0	23,910	0	12,935	0	1,965	0		0		0		0	
1/4	56,591	1/4	45,616	1/4	34,641	1/4	23,682	1/4	12,706	1/4	1,738	1/4		1/4		1/4		1/4	
1/2	56,363	1/2	45,387	1/2	34,412	1/2	23,453	1/2	12,478	1/2	1,534	1/2		1/2		1/2		1/2	
3/4	56,134	3/4	45,158	3/4	34,184	3/4	23,224	3/4	12,249	3/4	1,330	3/4		3/4		3/4		3/4	
1	55,905	1	44,930	1	33,956	1	22,996	1	12,020	1	1,126	1		1		1		1	
1/4	55,677	1/4	44,701	1/4	33,728	1/4	22,767	1/4	11,792	1/4	922	1/4		1/4		1/4		1/4	
1/2	55,448	1/2	44,472	1/2	33,499	1/2	22,538	1/2	11,563	1/2	779	1/2		1/2		1/2		1/2	
3/4	55,220	3/4	44,244	3/4	33,271	3/4	22,310	3/4	11,334	3/4	636	3/4		3/4		3/4		3/4	
2	54,991	2	44,015	2	33,043	2	22,081	2	11,106	2	493	2		2		2		2	
1/4	54,762	1/4	43,786	1/4	32,815	1/4	21,852	1/4	10,877	1/4	350	1/4		1/4		1/4		1/4	
1/2	54,534	1/2	43,558	1/2	32,587	1/2	21,624	1/2	10,648	1/2	283	1/2		1/2		1/2		1/2	
3/4	54,305	3/4	43,329	3/4	32,358	3/4	21,395	3/4	10,420	3/4	217	3/4		3/4		3/4		3/4	
3	54,076	3	43,100	3	32,130	3	21,166	3	10,191	3	150	3		3		3		3	
1/4	53,848	1/4	42,872	1/4	31,902	1/4	20,938	1/4	9,962	1/4	83	1/4		1/4		1/4		1/4	
1/2	53,619	1/2	42,643	1/2	31,674	1/2	20,709	1/2	9,734	1/2		1/2		1/2		1/2		1/2	
3/4	53,390	3/4	42,414	3/4	31,445	3/4	20,481	3/4	9,505	3/4		3/4		3/4		3/4		3/4	
4	53,162	4	42,186	4	31,217	4	20,252	4	9,276	4		4		4		4		4	
1/4	52,933	1/4	41,957	1/4	30,989	1/4	20,023	1/4	9,048	1/4		1/4		1/4		1/4		1/4	
1/2	52,704	1/2	41,728	1/2	30,761	1/2	19,795	1/2	8,819	1/2		1/2		1/2		1/2		1/2	
3/4	52,476	3/4	41,500	3/4	30,533	3/4	19,566	3/4	8,590	3/4		3/4		3/4		3/4		3/4	
5	52,247	5	41,271	5	30,304	5	19,337	5	8,362	5		5		5		5		5	
1/4	52,018	1/4	41,042	1/4	30,076	1/4	19,109	1/4	8,133	1/4		1/4		1/4		1/4		1/4	
1/2	51,790	1/2	40,814	1/2	29,848	1/2	18,880	1/2	7,905	1/2		1/2		1/2		1/2		1/2	
3/4	51,561	3/4	40,585	3/4	29,620	3/4	18,651	3/4	7,676	3/4		3/4		3/4		3/4		3/4	
6	51,332	6	40,356	6	29,392	6	18,423	6	7,447	6		6		6		6		6	
1/4	51,104	1/4	40,128	1/4	29,163	1/4	18,194	1/4	7,219	1/4		1/4		1/4		1/4		1/4	
1/2	50,875	1/2	39,899	1/2	28,935	1/2	17,965	1/2	6,990	1/2		1/2		1/2		1/2		1/2	
3/4	50,646	3/4	39,670	3/4	28,707	3/4	17,737	3/4	6,761	3/4		3/4		3/4		3/4		3/4	
7	50,418	7	39,442	7	28,479	7	17,508	7	6,533	7		7		7		7		7	
1/4	50,189	1/4	39,213	1/4	28,251	1/4	17,279	1/4	6,304	1/4		1/4		1/4		1/4		1/4	
1/2	49,960	1/2	38,984	1/2	28,022	1/2	17,051	1/2	6,075	1/2		1/2		1/2		1/2		1/2	
3/4	49,732	3/4	38,756	3/4	27,794	3/4	16,822	3/4	5,847	3/4		3/4		3/4		3/4		3/4	
8	49,503	8	38,527	8	27,566	8	16,593	8	5,618	8		8		8		8		8	
1/4	49,274	1/4	38,298	1/4	27,338	1/4	16,365	1/4	5,390	1/4		1/4		1/4		1/4		1/4	
1/2	49,046	1/2	38,070	1/2	27,110	1/2	16,136	1/2	5,161	1/2		1/2		1/2		1/2		1/2	
3/4	48,817	3/4	37,841	3/4	26,881	3/4	15,907	3/4	4,932	3/4		3/4		3/4		3/4		3/4	
9	48,588	9	37,612	9	26,653	9	15,679	9	4,704	9		9		9		9		9	
1/4	48,360	1/4	37,384	1/4	26,425	1/4	15,450	1/4	4,475	1/4		1/4		1/4		1/4		1/4	
1/2	48,131	1/2	37,155	1/2	26,196	1/2	15,221	1/2	4,246	1/2		1/2		1/2		1/2		1/2	
3/4	47,902	3/4	36,926	3/4	25,968	3/4	14,993	3/4	4,018	3/4		3/4		3/4		3/4		3/4	
10	47,674	10	36,698	10	25,739	10	14,764	10	3,789	10		10		10		10		10	
1/4	47,445	1/4	36,469	1/4	25,511	1/4	14,536	1/4	3,560	1/4		1/4		1/4		1/4		1/4	
1/2	47,216	1/2	36,240	1/2	25,282	1/2	14,307	1/2	3,332	1/2		1/2		1/2		1/2		1/2	
3/4	46,988	3/4	36,012	3/4	25,054	3/4	14,078	3/4	3,104	3/4		3/4		3/4		3/4		3/4	
11	46,759	11	35,783	11	24,825	11	13,850	11	2,876	11		11		11		11		11	
1/4	46,530	1/4	35,554	1/4	24,596	1/4	13,621	1/4	2,647	1/4		1/4		1/4		1/4		1/4	
1/2	46,302	1/2	35,326	1/2	24,368	1/2	13,392	1/2	2,420	1/2		1/2		1/2		1/2		1/2	
3/4	46,073	3/4	35,098	3/4	24,139	3/4	13,164	3/4	2,193	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
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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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