



BARGE "IB 1962"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

July 16, 2015

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1962"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	147,192	0	139,406	0	131,619	0	122,368	0	110,333	0	98,308	0	86,284	0	74,259		
1/4	1/4		147,030	1/4	139,243	1/4	131,457	1/4	122,117	1/4	110,083	1/4	98,058	1/4	86,033	1/4	74,008		
1/2	1/2	153,624	146,867	1/2	139,081	1/2	131,295	1/2	121,866	1/2	109,832	1/2	97,807	1/2	85,783	1/2	73,758		
3/4	3/4	153,572	146,705	3/4	138,919	3/4	131,133	3/4	121,615	3/4	109,581	3/4	97,557	3/4	85,532	3/4	73,507		
1	1	153,521	146,543	1	138,757	1	130,970	1	121,364	1	109,331	1	97,306	1	85,282	1	73,257		
1/4	1/4	153,469	146,381	1/4	138,595	1/4	130,808	1/4	121,113	1/4	109,080	1/4	97,056	1/4	85,031	1/4	73,006		
1/2	1/2	153,417	146,219	1/2	138,432	1/2	130,646	1/2	120,862	1/2	108,830	1/2	96,805	1/2	84,781	1/2	72,756		
3/4	3/4	153,347	146,056	3/4	138,270	3/4	130,484	3/4	120,611	3/4	108,579	3/4	96,555	3/4	84,530	3/4	72,505		
2	2	153,277	145,894	2	138,108	2	130,322	2	120,360	2	108,329	2	96,304	2	84,280	2	72,255		
1/4	1/4	153,207	145,732	1/4	137,946	1/4	130,159	1/4	120,109	1/4	108,078	1/4	96,054	1/4	84,029	1/4	72,004		
1/2	1/2	153,137	145,570	1/2	137,783	1/2	129,997	1/2	119,858	1/2	107,828	1/2	95,803	1/2	83,779	1/2	71,754		
3/4	3/4	153,022	145,407	3/4	137,621	3/4	129,835	3/4	119,607	3/4	107,577	3/4	95,553	3/4	83,528	3/4	71,503		
3	3	152,906	145,245	3	137,459	3	129,673	3	119,356	3	107,327	3	95,302	3	83,278	3	71,253		
1/4	1/4	152,790	145,083	1/4	137,297	1/4	129,511	1/4	119,104	1/4	107,076	1/4	95,052	1/4	83,027	1/4	71,002		
1/2	1/2	152,674	144,921	1/2	137,135	1/2	129,348	1/2	118,853	1/2	106,826	1/2	94,801	1/2	82,777	1/2	70,752		
3/4	3/4	152,519	144,759	3/4	136,972	3/4	129,186	3/4	118,602	3/4	106,575	3/4	94,551	3/4	82,526	3/4	70,501		
4	4	152,364	144,596	4	136,810	4	129,024	4	118,351	4	106,325	4	94,300	4	82,276	4	70,251		
1/4	1/4	152,209	144,434	1/4	136,648	1/4	128,862	1/4	118,100	1/4	106,074	1/4	94,050	1/4	82,025	1/4	70,000		
1/2	1/2	152,055	144,272	1/2	136,486	1/2	128,699	1/2	117,849	1/2	105,824	1/2	93,799	1/2	81,775	1/2	69,750		
3/4	3/4	151,893	144,110	3/4	136,324	3/4	128,537	3/4	117,599	3/4	105,573	3/4	93,549	3/4	81,524	3/4	69,499		
5	5	151,732	143,948	5	136,161	5	128,375	5	117,348	5	105,323	5	93,298	5	81,274	5	69,249		
1/4	1/4	151,570	143,785	1/4	135,999	1/4	128,213	1/4	117,097	1/4	105,072	1/4	93,048	1/4	81,023	1/4	68,998		
1/2	1/2	151,409	143,623	1/2	135,837	1/2	128,051	1/2	116,847	1/2	104,822	1/2	92,797	1/2	80,773	1/2	68,748		
3/4	3/4	151,247	143,461	3/4	135,675	3/4	127,888	3/4	116,596	3/4	104,571	3/4	92,547	3/4	80,522	3/4	68,497		
6	6	151,085	143,299	6	135,512	6	127,726	6	116,346	6	104,321	6	92,296	6	80,272	6	68,247		
1/4	1/4	150,923	143,136	1/4	135,350	1/4	127,564	1/4	116,095	1/4	104,070	1/4	92,046	1/4	80,021	1/4	67,997		
1/2	1/2	150,761	142,974	1/2	135,188	1/2	127,402	1/2	115,845	1/2	103,820	1/2	91,795	1/2	79,770	1/2	67,747		
3/4	3/4	150,598	142,812	3/4	135,026	3/4	127,240	3/4	115,594	3/4	103,569	3/4	91,545	3/4	79,520	3/4	67,497		
7	7	150,436	142,650	7	134,864	7	127,077	7	115,343	7	103,318	7	91,294	7	79,269	7	67,247		
1/4	1/4	150,274	142,488	1/4	134,701	1/4	126,915	1/4	115,093	1/4	103,068	1/4	91,044	1/4	79,019	1/4	66,997		
1/2	1/2	150,112	142,325	1/2	134,539	1/2	126,753	1/2	114,842	1/2	102,817	1/2	90,793	1/2	78,768	1/2	66,747		
3/4	3/4	149,949	142,163	3/4	134,377	3/4	126,591	3/4	114,592	3/4	102,567	3/4	90,543	3/4	78,518	3/4	66,497		
8	8	149,787	142,001	8	134,215	8	126,317	8	114,341	8	102,316	8	90,292	8	78,267	8	66,247		
1/4	1/4	149,625	141,839	1/4	134,053	1/4	126,100	1/4	114,091	1/4	102,066	1/4	90,042	1/4	78,017	1/4	65,998		
1/2	1/2	149,463	141,677	1/2	133,890	1/2	125,882	1/2	113,840	1/2	101,815	1/2	89,791	1/2	77,766	1/2	65,748		
3/4	3/4	149,301	141,514	3/4	133,728	3/4	125,631	3/4	113,590	3/4	101,565	3/4	89,541	3/4	77,516	3/4	65,498		
9	9	149,138	141,352	9	133,566	9	125,380	9	113,339	9	101,314	9	89,290	9	77,265	9	65,248		
1/4	1/4	148,976	141,190	1/4	133,404	1/4	125,129	1/4	113,089	1/4	101,064	1/4	89,040	1/4	77,015	1/4	64,998		
1/2	1/2	148,814	141,028	1/2	133,241	1/2	124,878	1/2	112,838	1/2	100,813	1/2	88,789	1/2	76,764	1/2	64,748		
3/4	3/4	148,652	140,865	3/4	133,079	3/4	124,627	3/4	112,588	3/4	100,563	3/4	88,539	3/4	76,514	3/4	64,498		
10	10	148,490	140,703	10	132,917	10	124,376	10	112,337	10	100,312	10	88,288	10	76,263	10	64,248		
1/4	1/4	148,327	140,541	1/4	132,755	1/4	124,125	1/4	112,087	1/4	100,062	1/4	88,038	1/4	76,013	1/4	63,998		
1/2	1/2	148,165	140,379	1/2	132,593	1/2	123,874	1/2	111,836	1/2	99,811	1/2	87,787	1/2	75,762	1/2	63,748		
3/4	3/4	148,003	140,217	3/4	132,430	3/4	123,623	3/4	111,586	3/4	99,561	3/4	87,537	3/4	75,512	3/4	63,498		
11	11	147,841	140,054	11	132,268	11	123,372	11	111,335	11	99,310	11	87,286	11	75,261	11	63,248		
1/4	1/4	147,678	139,892	1/4	132,106	1/4	123,121	1/4	111,085	1/4	99,060	1/4	87,036	1/4	75,011	1/4	62,999		
1/2	1/2	147,516	139,730	1/2	131,944	1/2	122,870	1/2	110,834	1/2	98,809	1/2	86,785	1/2	74,760	1/2	62,749		
3/4	3/4	147,354	139,568	3/4	131,782	3/4	122,619	3/4	110,584	3/4	98,559	3/4	86,535	3/4	74,510	3/4	62,499		

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 31'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "IB 1962"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	62,249	0	50,237	0	38,227	0	26,461	0	14,435	0	2,405	0		0		0		0	
1/4	61,999	1/4	49,987	1/4	37,980	1/4	26,210	1/4	14,185	1/4	2,155	1/4			1/4		1/4		1/4
1/2	61,749	1/2	49,737	1/2	37,734	1/2	25,959	1/2	13,934	1/2	1,906	1/2			1/2		1/2		1/2
3/4	61,499	3/4	49,486	3/4	37,490	3/4	25,709	3/4	13,684	3/4	1,682	3/4			3/4		3/4		3/4
1	61,249	1	49,236	1	37,246	1	25,458	1	13,433	1	1,458	1			1		1		1
1/4	60,999	1/4	48,985	1/4	37,002	1/4	25,208	1/4	13,182	1/4	1,234	1/4			1/4		1/4		1/4
1/2	60,749	1/2	48,735	1/2	36,759	1/2	24,957	1/2	12,932	1/2	1,010	1/2			1/2		1/2		1/2
3/4	60,499	3/4	48,485	3/4	36,515	3/4	24,707	3/4	12,681	3/4	853	3/4			3/4		3/4		3/4
2	60,249	2	48,234	2	36,271	2	24,456	2	12,431	2	696	2			2		2		2
1/4	60,000	1/4	47,984	1/4	36,027	1/4	24,206	1/4	12,180	1/4	539	1/4			1/4		1/4		1/4
1/2	59,750	1/2	47,733	1/2	35,783	1/2	23,955	1/2	11,930	1/2	382	1/2			1/2		1/2		1/2
3/4	59,500	3/4	47,483	3/4	35,539	3/4	23,705	3/4	11,679	3/4	309	3/4			3/4		3/4		3/4
3	59,250	3	47,233	3	35,296	3	23,454	3	11,429	3	236	3			3		3		3
1/4	59,000	1/4	46,982	1/4	35,052	1/4	23,204	1/4	11,178	1/4	163	1/4			1/4		1/4		1/4
1/2	58,750	1/2	46,732	1/2	34,808	1/2	22,953	1/2	10,928	1/2	89	1/2			1/2		1/2		1/2
3/4	58,500	3/4	46,481	3/4	34,564	3/4	22,703	3/4	10,677	3/4		3/4			3/4		3/4		3/4
4	58,250	4	46,231	4	34,320	4	22,452	4	10,427	4		4			4		4		4
1/4	57,999	1/4	45,981	1/4	34,076	1/4	22,202	1/4	10,176	1/4		1/4			1/4		1/4		1/4
1/2	57,749	1/2	45,730	1/2	33,833	1/2	21,951	1/2	9,925	1/2		1/2			1/2		1/2		1/2
3/4	57,499	3/4	45,480	3/4	33,589	3/4	21,700	3/4	9,675	3/4		3/4			3/4		3/4		3/4
5	57,248	5	45,230	5	33,345	5	21,450	5	9,424	5		5			5		5		5
1/4	56,998	1/4	44,979	1/4	33,101	1/4	21,199	1/4	9,173	1/4		1/4			1/4		1/4		1/4
1/2	56,748	1/2	44,729	1/2	32,857	1/2	20,949	1/2	8,923	1/2		1/2			1/2		1/2		1/2
3/4	56,497	3/4	44,478	3/4	32,613	3/4	20,698	3/4	8,672	3/4		3/4			3/4		3/4		3/4
6	56,247	6	44,228	6	32,370	6	20,448	6	8,421	6		6			6		6		6
1/4	55,996	1/4	43,978	1/4	32,126	1/4	20,197	1/4	8,170	1/4		1/4			1/4		1/4		1/4
1/2	55,746	1/2	43,727	1/2	31,882	1/2	19,947	1/2	7,919	1/2		1/2			1/2		1/2		1/2
3/4	55,496	3/4	43,477	3/4	31,638	3/4	19,696	3/4	7,669	3/4		3/4			3/4		3/4		3/4
7	55,245	7	43,226	7	31,394	7	19,446	7	7,418	7		7			7		7		7
1/4	54,995	1/4	42,976	1/4	31,150	1/4	19,195	1/4	7,167	1/4		1/4			1/4		1/4		1/4
1/2	54,744	1/2	42,726	1/2	30,906	1/2	18,945	1/2	6,917	1/2		1/2			1/2		1/2		1/2
3/4	54,494	3/4	42,475	3/4	30,663	3/4	18,694	3/4	6,666	3/4		3/4			3/4		3/4		3/4
8	54,244	8	42,225	8	30,419	8	18,444	8	6,415	8		8			8		8		8
1/4	53,993	1/4	41,974	1/4	30,175	1/4	18,193	1/4	6,164	1/4		1/4			1/4		1/4		1/4
1/2	53,743	1/2	41,724	1/2	29,931	1/2	17,943	1/2	5,914	1/2		1/2			1/2		1/2		1/2
3/4	53,492	3/4	41,474	3/4	29,687	3/4	17,692	3/4	5,663	3/4		3/4			3/4		3/4		3/4
9	53,242	9	41,223	9	29,443	9	17,441	9	5,412	9		9			9		9		9
1/4	52,992	1/4	40,973	1/4	29,200	1/4	17,191	1/4	5,161	1/4		1/4			1/4		1/4		1/4
1/2	52,741	1/2	40,722	1/2	28,956	1/2	16,940	1/2	4,910	1/2		1/2			1/2		1/2		1/2
3/4	52,491	3/4	40,472	3/4	28,708	3/4	16,690	3/4	4,659	3/4		3/4			3/4		3/4		3/4
10	52,240	10	40,222	10	28,460	10	16,439	10	4,408	10		10			10		10		10
1/4	51,990	1/4	39,971	1/4	28,212	1/4	16,189	1/4	4,157	1/4		1/4			1/4		1/4		1/4
1/2	51,740	1/2	39,721	1/2	27,964	1/2	15,938	1/2	3,906	1/2		1/2			1/2		1/2		1/2
3/4	51,489	3/4	39,471	3/4	27,713	3/4	15,688	3/4	3,655	3/4		3/4			3/4		3/4		3/4
11	51,239	11	39,220	11	27,463	11	15,437	11	3,405	11		11			11		11		11
1/4	50,989	1/4	38,970	1/4	27,212	1/4	15,187	1/4	3,154	1/4		1/4			1/4		1/4		1/4
1/2	50,738	1/2	38,719	1/2	26,962	1/2	14,936	1/2	2,904	1/2		1/2			1/2		1/2		1/2
3/4	50,488	3/4	38,473	3/4	26,711	3/4	14,686	3/4	2,654	3/4		3/4			3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/16/2015 CL
CALCULATED: 07/16/2015 CL
PRINTED: 07/16/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
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BARGE "IB 1962"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0	0	161,744	0	150,874	0	139,312	0	127,750	0	116,189	0	104,627	0	93,066	0	81,504	0	69,942		
1/4	1/4	161,623	1/4	150,633	1/4	139,071	1/4	127,510	1/4	115,948	1/4	104,386	1/4	92,825	1/4	81,263	1/4	69,702		
1/2	1/2	161,503	1/2	150,392	1/2	138,830	1/2	127,269	1/2	115,707	1/2	104,145	1/2	92,584	1/2	81,022	1/2	69,461		
3/4	3/4	161,382	3/4	150,151	3/4	138,589	3/4	127,028	3/4	115,466	3/4	103,905	3/4	92,343	3/4	80,781	3/4	69,220		
1	1	161,262	1	149,910	1	138,349	1	126,787	1	115,225	1	103,664	1	92,102	1	80,541	1	68,979		
1/4	1/4	161,066	1/4	149,669	1/4	138,108	1/4	126,546	1/4	114,984	1/4	103,423	1/4	91,861	1/4	80,300	1/4	68,738		
1/2	1/2	160,869	1/2	149,428	1/2	137,867	1/2	126,305	1/2	114,744	1/2	103,182	1/2	91,620	1/2	80,059	1/2	68,497		
3/4	3/4	160,673	3/4	149,188	3/4	137,626	3/4	126,064	3/4	114,503	3/4	102,941	3/4	91,380	3/4	79,818	3/4	68,256		
2	2	160,476	2	148,947	2	137,385	2	125,823	2	114,262	2	102,700	2	91,139	2	79,577	2	68,015		
1/4	1/4	160,243	1/4	148,706	1/4	137,144	1/4	125,583	1/4	114,021	1/4	102,459	1/4	90,898	1/4	79,336	1/4	67,775		
1/2	1/2	160,009	1/2	148,465	1/2	136,903	1/2	125,342	1/2	113,780	1/2	102,219	1/2	90,657	1/2	79,095	1/2	67,534		
3/4	3/4	159,775	3/4	148,224	3/4	136,662	3/4	125,101	3/4	113,539	3/4	101,978	3/4	90,416	3/4	78,854	3/4	67,293		
3	3	159,541	3	147,983	3	136,422	3	124,860	3	113,298	3	101,737	3	90,175	3	78,614	3	67,052		
1/4	1/4	159,301	1/4	147,742	1/4	136,181	1/4	124,619	1/4	113,058	1/4	101,496	1/4	89,934	1/4	78,373	1/4	66,811		
1/2	1/2	159,061	1/2	147,501	1/2	135,940	1/2	124,378	1/2	112,817	1/2	101,255	1/2	89,693	1/2	78,132	1/2	66,570		
3/4	3/4	158,821	3/4	147,261	3/4	135,699	3/4	124,137	3/4	112,576	3/4	101,014	3/4	89,453	3/4	77,891	3/4	66,329		
4	4	158,581	4	147,020	4	135,458	4	123,897	4	112,335	4	100,773	4	89,212	4	77,650	4	66,089		
1/4	1/4	158,340	1/4	146,779	1/4	135,217	1/4	123,656	1/4	112,094	1/4	100,532	1/4	88,971	1/4	77,409	1/4	65,848		
1/2	1/2	158,099	1/2	146,538	1/2	134,976	1/2	123,415	1/2	111,853	1/2	100,292	1/2	88,730	1/2	77,168	1/2	65,607		
3/4	3/4	157,869	3/4	146,297	3/4	134,736	3/4	123,174	3/4	111,612	3/4	100,051	3/4	88,489	3/4	76,928	3/4	65,366		
5	5	157,618	5	146,056	5	134,495	5	122,933	5	111,371	5	99,810	5	88,248	5	76,687	5	65,125		
1/4	1/4	157,377	1/4	145,815	1/4	134,254	1/4	122,692	1/4	111,131	1/4	99,569	1/4	88,007	1/4	76,446	1/4	64,884		
1/2	1/2	157,136	1/2	145,575	1/2	134,013	1/2	122,451	1/2	110,890	1/2	99,328	1/2	87,767	1/2	76,205	1/2	64,643		
3/4	3/4	156,895	3/4	145,334	3/4	133,772	3/4	122,210	3/4	110,649	3/4	99,087	3/4	87,526	3/4	75,964	3/4	64,402		
6	6	156,654	6	145,093	6	133,531	6	121,970	6	110,408	6	98,846	6	87,285	6	75,723	6	64,162		
1/4	1/4	156,414	1/4	144,852	1/4	133,290	1/4	121,729	1/4	110,167	1/4	98,606	1/4	87,044	1/4	75,482	1/4	63,921		
1/2	1/2	156,173	1/2	144,611	1/2	133,049	1/2	121,488	1/2	109,926	1/2	98,365	1/2	86,803	1/2	75,241	1/2	63,680		
3/4	3/4	155,932	3/4	144,370	3/4	132,809	3/4	121,247	3/4	109,685	3/4	98,124	3/4	86,562	3/4	75,001	3/4	63,439		
7	7	155,691	7	144,129	7	132,568	7	121,006	7	109,445	7	97,883	7	86,321	7	74,760	7	63,198		
1/4	1/4	155,450	1/4	143,888	1/4	132,327	1/4	120,765	1/4	109,204	1/4	97,642	1/4	86,080	1/4	74,519	1/4	62,957		
1/2	1/2	155,209	1/2	143,648	1/2	132,086	1/2	120,524	1/2	108,963	1/2	97,401	1/2	85,840	1/2	74,278	1/2	62,716		
3/4	3/4	154,968	3/4	143,407	3/4	131,845	3/4	120,284	3/4	108,722	3/4	97,160	3/4	85,599	3/4	74,037	3/4	62,476		
8	8	154,727	8	143,166	8	131,604	8	120,043	8	108,481	8	96,919	8	85,358	8	73,796	8	62,235		
1/4	1/4	154,487	1/4	142,925	1/4	131,363	1/4	119,802	1/4	108,240	1/4	96,679	1/4	85,117	1/4	73,555	1/4	61,994		
1/2	1/2	154,246	1/2	142,684	1/2	131,123	1/2	119,561	1/2	107,999	1/2	96,438	1/2	84,876	1/2	73,315	1/2	61,753		
3/4	3/4	154,005	3/4	142,443	3/4	130,882	3/4	119,320	3/4	107,758	3/4	96,197	3/4	84,635	3/4	73,074	3/4	61,512		
9	9	153,764	9	142,202	9	130,641	9	119,079	9	107,518	9	95,956	9	84,394	9	72,833	9	61,271		
1/4	1/4	153,523	1/4	141,962	1/4	130,400	1/4	118,838	1/4	107,277	1/4	95,715	1/4	84,154	1/4	72,592	1/4	61,030		
1/2	1/2	153,282	1/2	141,721	1/2	130,159	1/2	118,597	1/2	107,036	1/2	95,474	1/2	83,913	1/2	72,351	1/2	60,789		
3/4	3/4	153,041	3/4	141,480	3/4	129,918	3/4	118,357	3/4	106,795	3/4	95,233	3/4	83,672	3/4	72,110	3/4	60,549		
10	10	152,801	10	141,239	10	129,677	10	118,116	10	106,554	10	94,993	10	83,431	10	71,869	10	60,308		
1/4	1/4	152,560	1/4	140,998	1/4	129,436	1/4	117,875	1/4	106,313	1/4	94,752	1/4	83,190	1/4	71,628	1/4	60,067		
1/2	1/2	152,319	1/2	140,757	1/2	129,196	1/2	117,634	1/2	106,072	1/2	94,511	1/2	82,949	1/2	71,388	1/2	59,826		
3/4	3/4	152,078	3/4	140,516	3/4	128,955	3/4	117,393	3/4	105,832	3/4	94,270	3/4	82,708	3/4	71,147	3/4	59,585		
11	161,942	11	151,837	11	140,275	11	128,714	11	117,152	11	105,591	11	94,029	11	82,467	11	70,906	11	59,344	
1/4	161,892	1/4	151,596	1/4	140,035	1/4	128,473	1/4	116,911	1/4	105,350	1/4	93,788	1/4	82,227	1/4	70,665	1/4	59,103	
1/2	161,843	1/2	151,355	1/2	139,794	1/2	128,232	1/2	116,671	1/2	105,109	1/2	93,547	1/2	81,986	1/2	70,424	1/2	58,863	
3/4	161,793	3/4	151,114	3/4	139,553	3/4	127,991	3/4	116,430	3/4	104,868	3/4	93,306	3/4	81,745	3/4	70,183	3/4	58,622	

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



BARGE "IB 1962"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02"

IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	56,381	0	46,819	0	35,303	0	23,980	0	12,419	0	970	0	0	0	0	0	0	0	0	0
1/4	58,140	1/4	46,578	1/4	35,070	1/4	23,739	1/4	12,178	1/4	819	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,899	1/2	46,337	1/2	34,836	1/2	23,498	1/2	11,937	1/2	669	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,658	3/4	46,097	3/4	34,602	3/4	23,258	3/4	11,696	3/4	518	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	57,417	1	45,856	1	34,368	1	23,017	1	11,456	1	368	1	1	1	1	1	1	1	1	1
1/4	57,176	1/4	45,615	1/4	34,135	1/4	22,776	1/4	11,215	1/4	297	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,936	1/2	45,374	1/2	33,901	1/2	22,535	1/2	10,974	1/2	227	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,695	3/4	45,133	3/4	33,667	3/4	22,294	3/4	10,733	3/4	157	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	56,454	2	44,892	2	33,433	2	22,053	2	10,492	2	87	2	2	2	2	2	2	2	2	2
1/4	56,213	1/4	44,651	1/4	33,200	1/4	21,812	1/4	10,251	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,972	1/2	44,411	1/2	32,966	1/2	21,572	1/2	10,010	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,731	3/4	44,170	3/4	32,732	3/4	21,331	3/4	9,770	3/4	1/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	55,490	3	43,929	3	32,498	3	21,090	3	9,529	3	3	3	3	3	3	3	3	3	3	3
1/4	55,250	1/4	43,688	1/4	32,265	1/4	20,849	1/4	9,288	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,009	1/2	43,447	1/2	32,031	1/2	20,608	1/2	9,047	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,768	3/4	43,206	3/4	31,797	3/4	20,367	3/4	8,806	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	54,527	4	42,965	4	31,563	4	20,126	4	8,565	4	4	4	4	4	4	4	4	4	4	4
1/4	54,286	1/4	42,724	1/4	31,330	1/4	19,886	1/4	8,324	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,045	1/2	42,484	1/2	31,096	1/2	19,645	1/2	8,084	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,804	3/4	42,243	3/4	30,862	3/4	19,404	3/4	7,843	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	53,563	5	42,002	5	30,628	5	19,163	5	7,602	5	5	5	5	5	5	5	5	5	5	5
1/4	53,323	1/4	41,761	1/4	30,394	1/4	18,922	1/4	7,361	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,082	1/2	41,520	1/2	30,161	1/2	18,681	1/2	7,120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,841	3/4	41,279	3/4	29,927	3/4	18,440	3/4	6,879	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	52,600	6	41,038	6	29,693	6	18,200	6	6,638	6	6	6	6	6	6	6	6	6	6	6
1/4	52,359	1/4	40,798	1/4	29,459	1/4	17,959	1/4	6,398	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,118	1/2	40,557	1/2	29,226	1/2	17,718	1/2	6,157	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,877	3/4	40,316	3/4	28,992	3/4	17,477	3/4	5,916	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	51,637	7	40,075	7	28,758	7	17,236	7	5,675	7	7	7	7	7	7	7	7	7	7	7
1/4	51,396	1/4	39,834	1/4	28,524	1/4	16,995	1/4	5,434	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,155	1/2	39,593	1/2	28,291	1/2	16,754	1/2	5,193	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,914	3/4	39,352	3/4	28,057	3/4	16,514	3/4	4,953	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	50,673	8	39,111	8	27,823	8	16,273	8	4,712	8	8	8	8	8	8	8	8	8	8	8
1/4	50,432	1/4	38,871	1/4	27,585	1/4	16,032	1/4	4,471	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,191	1/2	38,630	1/2	27,347	1/2	15,791	1/2	4,230	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,950	3/4	38,389	3/4	27,109	3/4	15,550	3/4	3,989	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	49,710	9	38,148	9	26,870	9	15,309	9	3,748	9	9	9	9	9	9	9	9	9	9	9
1/4	49,469	1/4	37,907	1/4	26,630	1/4	15,068	1/4	3,508	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,228	1/2	37,666	1/2	26,389	1/2	14,828	1/2	3,268	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,987	3/4	37,425	3/4	26,148	3/4	14,587	3/4	3,027	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	48,746	10	37,185	10	25,907	10	14,346	10	2,787	10	10	10	10	10	10	10	10	10	10	10
1/4	48,505	1/4	36,944	1/4	25,666	1/4	14,105	1/4	2,547	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,264	1/2	36,712	1/2	25,425	1/2	13,864	1/2	2,308	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,024	3/4	36,475	3/4	25,184	3/4	13,623	3/4	2,069	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	47,783	11	36,239	11	24,944	11	13,382	11	1,829	11	11	11	11	11	11	11	11	11	11	11
1/4	47,542	1/4	36,005	1/4	24,703	1/4	13,142	1/4	1,614	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,301	1/2	35,771	1/2	24,462	1/2	12,901	1/2	1,399	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,060	3/4	35,537	3/4	24,221	3/4	12,660	3/4	1,185	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/16/2015 CL
CALCULATED: 07/16/2015 CL
PRINTED: 07/16/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77568
<http://www.pmacorp.net>



BARGE "IB 1962"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0		0	160,756	0	150,356	0	138,891	0	127,426	0	115,960	0	104,495	0	93,030	0	81,565	0	70,100
1/4		1/4	160,707	1/4	150,117	1/4	138,652	1/4	127,187	1/4	115,722	1/4	104,256	1/4	92,791	1/4	81,326	1/4	69,861
1/2		1/2	160,657	1/2	149,878	1/2	138,413	1/2	126,948	1/2	115,483	1/2	104,018	1/2	92,552	1/2	81,087	1/2	69,622
3/4		3/4	160,538	3/4	149,639	3/4	138,174	3/4	126,709	3/4	115,244	3/4	103,779	3/4	92,314	3/4	80,849	3/4	69,383
1		1	160,419	1	149,400	1	137,935	1	126,470	1	115,005	1	103,540	1	92,075	1	80,610	1	69,145
1/4		1/4	160,299	1/4	149,161	1/4	137,696	1/4	126,231	1/4	114,766	1/4	103,301	1/4	91,836	1/4	80,371	1/4	68,906
1/2		1/2	160,180	1/2	148,923	1/2	137,457	1/2	125,992	1/2	114,527	1/2	103,062	1/2	91,597	1/2	80,132	1/2	68,667
3/4		3/4	159,985	3/4	148,684	3/4	137,219	3/4	125,754	3/4	114,288	3/4	102,823	3/4	91,358	3/4	79,893	3/4	68,428
2		2	159,790	2	148,445	2	136,980	2	125,515	2	114,050	2	102,584	2	91,119	2	79,654	2	68,189
1/4		1/4	159,595	1/4	148,206	1/4	136,741	1/4	125,276	1/4	113,811	1/4	102,346	1/4	90,880	1/4	79,415	1/4	67,950
1/2		1/2	159,400	1/2	147,967	1/2	136,502	1/2	125,037	1/2	113,572	1/2	102,107	1/2	90,642	1/2	79,177	1/2	67,711
3/4		3/4	159,169	3/4	147,728	3/4	136,263	3/4	124,798	3/4	113,333	3/4	101,868	3/4	90,403	3/4	78,938	3/4	67,473
3		3	158,937	3	147,489	3	136,024	3	124,559	3	113,094	3	101,629	3	90,164	3	78,699	3	67,234
1/4		1/4	158,705	1/4	147,251	1/4	135,785	1/4	124,320	1/4	112,855	1/4	101,390	1/4	89,925	1/4	78,460	1/4	66,995
1/2		1/2	158,473	1/2	147,012	1/2	135,547	1/2	124,082	1/2	112,616	1/2	101,151	1/2	89,686	1/2	78,221	1/2	66,756
3/4		3/4	158,235	3/4	146,773	3/4	135,308	3/4	123,843	3/4	112,378	3/4	100,912	3/4	89,447	3/4	77,982	3/4	66,517
4		4	157,997	4	146,534	4	135,069	4	123,604	4	112,139	4	100,674	4	89,208	4	77,743	4	66,278
1/4		1/4	157,759	1/4	146,295	1/4	134,830	1/4	123,365	1/4	111,900	1/4	100,435	1/4	88,970	1/4	77,505	1/4	66,039
1/2		1/2	157,521	1/2	146,056	1/2	134,591	1/2	123,126	1/2	111,661	1/2	100,196	1/2	88,731	1/2	77,266	1/2	65,801
3/4		3/4	157,282	3/4	145,817	3/4	134,352	3/4	122,887	3/4	111,422	3/4	99,957	3/4	88,492	3/4	77,027	3/4	65,562
5		5	157,043	5	145,579	5	134,113	5	122,648	5	111,183	5	99,718	5	88,253	5	76,788	5	65,323
1/4		1/4	156,805	1/4	145,340	1/4	133,875	1/4	122,410	1/4	110,944	1/4	99,479	1/4	88,014	1/4	76,549	1/4	65,084
1/2		1/2	156,566	1/2	145,101	1/2	133,636	1/2	122,171	1/2	110,706	1/2	99,240	1/2	87,775	1/2	76,310	1/2	64,845
3/4		3/4	156,327	3/4	144,862	3/4	133,397	3/4	121,932	3/4	110,467	3/4	99,002	3/4	87,536	3/4	76,071	3/4	64,606
6		6	156,088	6	144,623	6	133,158	6	121,693	6	110,228	6	98,763	6	87,298	6	75,833	6	64,367
1/4		1/4	155,849	1/4	144,384	1/4	132,919	1/4	121,454	1/4	109,989	1/4	98,524	1/4	87,059	1/4	75,594	1/4	64,129
1/2		1/2	155,611	1/2	144,145	1/2	132,680	1/2	121,215	1/2	109,750	1/2	98,285	1/2	86,820	1/2	75,355	1/2	63,890
3/4		3/4	155,372	3/4	143,907	3/4	132,441	3/4	120,976	3/4	109,511	3/4	98,046	3/4	86,581	3/4	75,116	3/4	63,651
7		7	155,133	7	143,668	7	132,203	7	120,738	7	109,272	7	97,807	7	86,342	7	74,877	7	63,412
1/4		1/4	154,894	1/4	143,429	1/4	131,964	1/4	120,499	1/4	109,034	1/4	97,568	1/4	86,103	1/4	74,638	1/4	63,173
1/2		1/2	154,655	1/2	143,190	1/2	131,725	1/2	120,260	1/2	108,795	1/2	97,330	1/2	85,864	1/2	74,399	1/2	62,934
3/4		3/4	154,416	3/4	142,951	3/4	131,486	3/4	120,021	3/4	108,556	3/4	97,091	3/4	85,625	3/4	74,161	3/4	62,695
8		8	154,177	8	142,712	8	131,247	8	119,782	8	108,317	8	96,852	8	85,387	8	73,922	8	62,457
1/4		1/4	153,939	1/4	142,473	1/4	131,008	1/4	119,543	1/4	108,078	1/4	96,613	1/4	85,148	1/4	73,683	1/4	62,218
1/2		1/2	153,700	1/2	142,235	1/2	130,770	1/2	119,304	1/2	107,839	1/2	96,374	1/2	84,909	1/2	73,444	1/2	61,979
3/4		3/4	153,461	3/4	141,996	3/4	130,531	3/4	119,066	3/4	107,600	3/4	96,135	3/4	84,670	3/4	73,205	3/4	61,740
9		9	153,222	9	141,757	9	130,292	9	118,827	9	107,362	9	95,896	9	84,431	9	72,966	9	61,501
1/4		1/4	152,983	1/4	141,518	1/4	130,053	1/4	118,588	1/4	107,123	1/4	95,658	1/4	84,193	1/4	72,727	1/4	61,262
1/2		1/2	152,744	1/2	141,279	1/2	129,814	1/2	118,349	1/2	106,884	1/2	95,419	1/2	83,954	1/2	72,488	1/2	61,023
3/4		3/4	152,505	3/4	141,040	3/4	129,575	3/4	118,110	3/4	106,645	3/4	95,180	3/4	83,715	3/4	72,250	3/4	60,785
10		10	152,267	10	140,801	10	129,336	10	117,871	10	106,406	10	94,941	10	83,476	10	72,011	10	60,546
1/4		1/4	152,028	1/4	140,563	1/4	129,098	1/4	117,632	1/4	106,167	1/4	94,702	1/4	83,237	1/4	71,772	1/4	60,307
1/2		1/2	151,789	1/2	140,324	1/2	128,859	1/2	117,394	1/2	105,928	1/2	94,463	1/2	82,998	1/2	71,533	1/2	60,068
3/4		3/4	151,550	3/4	140,085	3/4	128,620	3/4	117,155	3/4	105,690	3/4	94,224	3/4	82,759	3/4	71,294	3/4	59,829
11		11	151,311	11	139,846	11	128,381	11	116,916	11	105,451	11	93,986	11	82,521	11	71,055	11	59,590
1/4		1/4	151,072	1/4	139,607	1/4	128,142	1/4	116,677	1/4	105,212	1/4	93,747	1/4	82,282	1/4	70,817	1/4	59,351
1/2	160,854	1/2	150,833	1/2	139,368	1/2	127,903	1/2	116,438	1/2	104,973	1/2	93,508	1/2	82,043	1/2	70,578	1/2	59,113
3/4	160,805	3/4	150,595	3/4	139,129	3/4	127,664	3/4	116,199	3/4	104,734	3/4	93,269	3/4	81,804	3/4	70,339	3/4	58,874

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 31'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1962"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/2"

N	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	58,635	0	47,170	0	35,706	0	24,257	0	12,793	0	1,388	0		0		0		0	
1/4	58,396	1/4	46,931	1/4	35,468	1/4	24,019	1/4	12,554	1/4	1,174	1/4		1/4		1/4		1/4	
1/2	58,157	1/2	46,692	1/2	35,230	1/2	23,780	1/2	12,315	1/2	961	1/2		1/2		1/2		1/2	
3/4	57,918	3/4	46,453	3/4	34,991	3/4	23,541	3/4	12,076	3/4	812	3/4		3/4		3/4		3/4	
1	57,679	1	46,214	1	34,753	1	23,302	1	11,837	1	663	1		1		1		1	
1/4	57,441	1/4	45,975	1/4	34,514	1/4	23,063	1/4	11,599	1/4	514	1/4		1/4		1/4		1/4	
1/2	57,202	1/2	45,737	1/2	34,276	1/2	22,824	1/2	11,360	1/2	364	1/2		1/2		1/2		1/2	
3/4	56,963	3/4	45,498	3/4	34,037	3/4	22,586	3/4	11,121	3/4	295	3/4		3/4		3/4		3/4	
2	56,724	2	45,259	2	33,799	2	22,347	2	10,882	2	225	2		2		2		2	
1/4	56,485	1/4	45,020	1/4	33,561	1/4	22,108	1/4	10,643	1/4	155	1/4		1/4		1/4		1/4	
1/2	56,246	1/2	44,781	1/2	33,322	1/2	21,869	1/2	10,404	1/2	86	1/2		1/2		1/2		1/2	
3/4	56,007	3/4	44,542	3/4	33,084	3/4	21,630	3/4	10,165	3/4		3/4		3/4		3/4		3/4	
3	55,769	3	44,303	3	32,845	3	21,391	3	9,927	3		3		3		3		3	
1/4	55,530	1/4	44,065	1/4	32,607	1/4	21,152	1/4	9,688	1/4		1/4		1/4		1/4		1/4	
1/2	55,291	1/2	43,826	1/2	32,369	1/2	20,914	1/2	9,449	1/2		1/2		1/2		1/2		1/2	
3/4	55,052	3/4	43,587	3/4	32,130	3/4	20,675	3/4	9,210	3/4		3/4		3/4		3/4		3/4	
4	54,813	4	43,348	4	31,892	4	20,436	4	8,971	4		4		4		4		4	
1/4	54,574	1/4	43,109	1/4	31,653	1/4	20,197	1/4	8,732	1/4		1/4		1/4		1/4		1/4	
1/2	54,335	1/2	42,870	1/2	31,415	1/2	19,958	1/2	8,494	1/2		1/2		1/2		1/2		1/2	
3/4	54,097	3/4	42,631	3/4	31,177	3/4	19,719	3/4	8,255	3/4		3/4		3/4		3/4		3/4	
5	53,858	5	42,393	5	30,938	5	19,480	5	8,016	5		5		5		5		5	
1/4	53,619	1/4	42,154	1/4	30,700	1/4	19,242	1/4	7,777	1/4		1/4		1/4		1/4		1/4	
1/2	53,380	1/2	41,915	1/2	30,461	1/2	19,003	1/2	7,538	1/2		1/2		1/2		1/2		1/2	
3/4	53,141	3/4	41,676	3/4	30,223	3/4	18,764	3/4	7,299	3/4		3/4		3/4		3/4		3/4	
6	52,902	6	41,437	6	29,985	6	18,525	6	7,061	6		6		6		6		6	
1/4	52,663	1/4	41,198	1/4	29,746	1/4	18,286	1/4	6,822	1/4		1/4		1/4		1/4		1/4	
1/2	52,425	1/2	40,959	1/2	29,508	1/2	18,047	1/2	6,583	1/2		1/2		1/2		1/2		1/2	
3/4	52,186	3/4	40,721	3/4	29,269	3/4	17,809	3/4	6,344	3/4		3/4		3/4		3/4		3/4	
7	51,947	7	40,482	7	29,031	7	17,570	7	6,105	7		7		7		7		7	
1/4	51,708	1/4	40,243	1/4	28,793	1/4	17,331	1/4	5,866	1/4		1/4		1/4		1/4		1/4	
1/2	51,469	1/2	40,004	1/2	28,554	1/2	17,092	1/2	5,628	1/2		1/2		1/2		1/2		1/2	
3/4	51,230	3/4	39,765	3/4	28,316	3/4	16,853	3/4	5,389	3/4		3/4		3/4		3/4		3/4	
8	50,991	8	39,526	8	28,077	8	16,614	8	5,150	8		8		8		8		8	
1/4	50,753	1/4	39,288	1/4	27,839	1/4	16,375	1/4	4,911	1/4		1/4		1/4		1/4		1/4	
1/2	50,514	1/2	39,049	1/2	27,601	1/2	16,137	1/2	4,672	1/2		1/2		1/2		1/2		1/2	
3/4	50,275	3/4	38,810	3/4	27,362	3/4	15,898	3/4	4,433	3/4		3/4		3/4		3/4		3/4	
9	50,036	9	38,571	9	27,123	9	15,659	9	4,195	9		9		9		9		9	
1/4	49,797	1/4	38,332	1/4	26,885	1/4	15,420	1/4	3,956	1/4		1/4		1/4		1/4		1/4	
1/2	49,558	1/2	38,093	1/2	26,646	1/2	15,181	1/2	3,717	1/2		1/2		1/2		1/2		1/2	
3/4	49,319	3/4	37,854	3/4	26,407	3/4	14,942	3/4	3,478	3/4		3/4		3/4		3/4		3/4	
10	49,081	10	37,616	10	26,168	10	14,704	10	3,240	10		10		10		10		10	
1/4	48,842	1/4	37,377	1/4	25,929	1/4	14,465	1/4	3,002	1/4		1/4		1/4		1/4		1/4	
1/2	48,603	1/2	37,138	1/2	25,691	1/2	14,226	1/2	2,763	1/2		1/2		1/2		1/2		1/2	
3/4	48,364	3/4	36,899	3/4	25,452	3/4	13,987	3/4	2,526	3/4		3/4		3/4		3/4		3/4	
11	48,125	11	36,661	11	25,213	11	13,748	11	2,288	11		11		11		11		11	
1/4	47,886	1/4	36,422	1/4	24,974	1/4	13,509	1/4	2,051	1/4		1/4		1/4		1/4		1/4	
1/2	47,647	1/2	36,183	1/2	24,735	1/2	13,270	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	47,409	3/4	35,945	3/4	24,496	3/4	13,032	3/4	1,601	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/16/2015 CL
CALCULATED: 07/16/2015 CL
PRINTED: 07/16/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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