



BARGE "IB 1968"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 182'-09"

March 17, 2016

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

<http://www.pmacorp.net>



BARGE "IB 1968"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	146,567	0	138,779	0	130,992	0	121,607	0	109,576	0	97,554	0	85,532	0	73,510
1/4	1/4	153,118	1/4	146,405	1/4	138,617	1/4	130,829	1/4	121,356	1/4	109,325	1/4	97,303	1/4	85,282	1/4	73,260	
1/2	1/2	153,108	1/2	146,242	1/2	138,455	1/2	130,667	1/2	121,105	1/2	109,075	1/2	97,053	1/2	85,032	1/2	73,009	
3/4	3/4	153,045	3/4	146,080	3/4	138,292	3/4	130,505	3/4	120,854	3/4	108,825	3/4	96,803	3/4	84,781	3/4	72,759	
1	1	152,982	1	145,918	1	138,130	1	130,343	1	120,603	1	108,574	1	96,552	1	84,531	1	72,508	
1/4	1/4	152,919	1/4	145,756	1/4	137,968	1/4	130,180	1/4	120,352	1/4	108,324	1/4	96,302	1/4	84,280	1/4	72,258	
1/2	1/2	152,857	1/2	145,593	1/2	137,806	1/2	130,018	1/2	120,101	1/2	108,073	1/2	96,051	1/2	84,030	1/2	72,008	
3/4	3/4	152,799	3/4	145,431	3/4	137,644	3/4	129,856	3/4	119,850	3/4	107,823	3/4	95,801	3/4	83,779	3/4	71,757	
2	2	152,741	2	145,269	2	137,481	2	129,694	2	119,599	2	107,572	2	95,550	2	83,529	2	71,507	
1/4	1/4	152,684	1/4	145,107	1/4	137,319	1/4	129,531	1/4	119,348	1/4	107,322	1/4	95,300	1/4	83,278	1/4	71,256	
1/2	1/2	152,626	1/2	144,944	1/2	137,157	1/2	129,369	1/2	119,097	1/2	107,071	1/2	95,050	1/2	83,028	1/2	71,006	
3/4	3/4	152,488	3/4	144,782	3/4	136,995	3/4	129,207	3/4	118,846	3/4	106,821	3/4	94,799	3/4	82,777	3/4	70,755	
3	3	152,350	3	144,620	3	136,832	3	129,045	3	118,596	3	106,570	3	94,549	3	82,527	3	70,505	
1/4	1/4	152,213	1/4	144,458	1/4	136,670	1/4	128,882	1/4	118,345	1/4	106,320	1/4	94,298	1/4	82,276	1/4	70,254	
1/2	1/2	152,075	1/2	144,295	1/2	136,508	1/2	128,720	1/2	118,094	1/2	106,069	1/2	94,048	1/2	82,026	1/2	70,004	
3/4	3/4	151,914	3/4	144,133	3/4	136,346	3/4	128,558	3/4	117,843	3/4	105,819	3/4	93,797	3/4	81,776	3/4	69,753	
4	4	151,753	4	143,971	4	136,183	4	128,396	4	117,592	4	105,569	4	93,547	4	81,525	4	69,503	
1/4	1/4	151,593	1/4	143,809	1/4	136,021	1/4	128,234	1/4	117,341	1/4	105,318	1/4	93,297	1/4	81,275	1/4	69,252	
1/2	1/2	151,432	1/2	143,646	1/2	135,859	1/2	128,071	1/2	117,090	1/2	105,068	1/2	93,046	1/2	81,024	1/2	69,002	
3/4	3/4	151,270	3/4	143,484	3/4	135,697	3/4	127,909	3/4	116,839	3/4	104,817	3/4	92,796	3/4	80,774	3/4	68,752	
5	5	151,109	5	143,322	5	135,534	5	127,747	5	116,589	5	104,567	5	92,545	5	80,523	5	68,501	
1/4	1/4	150,947	1/4	143,160	1/4	135,372	1/4	127,585	1/4	116,338	1/4	104,316	1/4	92,295	1/4	80,273	1/4	68,251	
1/2	1/2	150,785	1/2	142,997	1/2	135,210	1/2	127,422	1/2	116,088	1/2	104,066	1/2	92,044	1/2	80,022	1/2	68,000	
3/4	3/4	150,623	3/4	142,835	3/4	135,048	3/4	127,260	3/4	115,837	3/4	103,815	3/4	91,794	3/4	79,772	3/4	67,750	
6	6	150,461	6	142,673	6	134,885	6	127,098	6	115,587	6	103,565	6	91,543	6	79,521	6	67,500	
1/4	1/4	150,298	1/4	142,511	1/4	134,723	1/4	126,936	1/4	115,337	1/4	103,314	1/4	91,293	1/4	79,271	1/4	67,251	
1/2	1/2	150,136	1/2	142,349	1/2	134,561	1/2	126,773	1/2	115,086	1/2	103,064	1/2	91,043	1/2	79,020	1/2	67,001	
3/4	3/4	149,974	3/4	142,186	3/4	134,399	3/4	126,611	3/4	114,836	3/4	102,813	3/4	90,792	3/4	78,770	3/4	66,751	
7	7	149,812	7	142,024	7	134,236	7	126,449	7	114,585	7	102,563	7	90,542	7	78,520	7	66,501	
1/4	1/4	149,649	1/4	141,862	1/4	134,074	1/4	126,287	1/4	114,335	1/4	102,313	1/4	90,291	1/4	78,269	1/4	66,251	
1/2	1/2	149,487	1/2	141,700	1/2	133,912	1/2	126,124	1/2	114,084	1/2	102,062	1/2	90,041	1/2	78,019	1/2	66,001	
3/4	3/4	149,325	3/4	141,537	3/4	133,750	3/4	125,973	3/4	113,834	3/4	101,812	3/4	89,790	3/4	77,768	3/4	65,751	
8	8	149,163	8	141,375	8	133,587	8	125,822	8	113,583	8	101,561	8	89,540	8	77,518	8	65,502	
1/4	1/4	149,000	1/4	141,213	1/4	133,425	1/4	125,671	1/4	113,333	1/4	101,311	1/4	89,289	1/4	77,267	1/4	65,252	
1/2	1/2	148,838	1/2	141,051	1/2	133,263	1/2	125,521	1/2	113,082	1/2	101,060	1/2	89,039	1/2	77,017	1/2	65,002	
3/4	3/4	148,676	3/4	140,888	3/4	133,101	3/4	124,870	3/4	112,832	3/4	100,810	3/4	88,788	3/4	76,766	3/4	64,752	
9	9	148,514	9	140,726	9	132,939	9	124,619	9	112,581	9	100,559	9	88,538	9	76,516	9	64,502	
1/4	1/4	148,351	1/4	140,564	1/4	132,776	1/4	124,468	1/4	112,331	1/4	100,309	1/4	88,288	1/4	76,265	1/4	64,252	
1/2	1/2	148,189	1/2	140,402	1/2	132,614	1/2	124,317	1/2	112,081	1/2	100,058	1/2	88,037	1/2	76,015	1/2	64,002	
3/4	3/4	148,027	3/4	140,239	3/4	132,452	3/4	123,866	3/4	111,830	3/4	99,808	3/4	87,787	3/4	75,764	3/4	63,753	
10	10	147,865	10	140,077	10	132,290	10	123,615	10	111,580	10	99,557	10	87,536	10	75,514	10	63,503	
1/4	1/4	147,702	1/4	139,915	1/4	132,127	1/4	123,364	1/4	111,329	1/4	99,307	1/4	87,286	1/4	75,264	1/4	63,253	
1/2	1/2	147,540	1/2	139,753	1/2	131,965	1/2	123,113	1/2	111,079	1/2	99,057	1/2	87,035	1/2	75,013	1/2	63,003	
3/4	3/4	147,378	3/4	139,590	3/4	131,803	3/4	122,862	3/4	110,828	3/4	98,806	3/4	86,785	3/4	74,763	3/4	62,753	
11	11	147,216	11	139,428	11	131,641	11	122,611	11	110,578	11	98,556	11	86,534	11	74,512	11	62,503	
1/4	1/4	147,054	1/4	139,266	1/4	131,478	1/4	122,360	1/4	110,327	1/4	98,305	1/4	86,284	1/4	74,262	1/4	62,253	
1/2	1/2	146,891	1/2	139,104	1/2	131,316	1/2	122,109	1/2	110,077	1/2	98,055	1/2	86,033	1/2	74,011	1/2	62,003	
3/4	3/4	146,729	3/4	138,941	3/4	131,154	3/4	121,858	3/4	109,826	3/4	97,804	3/4	85,783	3/4	73,761	3/4	61,754	

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 ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "IB 1968"

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	61,504	0	49,494	0	37,491	0	25,723	0	13,700	0	1,696	0		0		0		0	
1/4	61,254	1/4	49,244	1/4	37,248	1/4	25,472	1/4	13,450	1/4	1,458	1/4		1/4		1/4		1/4	
1/2	61,004	1/2	48,994	1/2	37,004	1/2	25,222	1/2	13,199	1/2	1,221	1/2		1/2		1/2		1/2	
3/4	60,754	3/4	48,743	3/4	36,760	3/4	24,971	3/4	12,949	3/4	1,056	3/4		3/4		3/4		3/4	
1	60,504	1	48,493	1	36,516	1	24,721	1	12,698	1	892	1		1		1		1	
1/4	60,254	1/4	48,243	1/4	36,272	1/4	24,470	1/4	12,448	1/4	727	1/4		1/4		1/4		1/4	
1/2	60,005	1/2	47,992	1/2	36,029	1/2	24,220	1/2	12,197	1/2	562	1/2		1/2		1/2		1/2	
3/4	59,755	3/4	47,742	3/4	35,785	3/4	23,969	3/4	11,947	3/4	470	3/4		3/4		3/4		3/4	
2	59,505	2	47,492	2	35,541	2	23,719	2	11,696	2	378	2		2		2		2	
1/4	59,255	1/4	47,241	1/4	35,297	1/4	23,468	1/4	11,446	1/4	286	1/4		1/4		1/4		1/4	
1/2	59,005	1/2	46,991	1/2	35,053	1/2	23,218	1/2	11,195	1/2	194	1/2		1/2		1/2		1/2	
3/4	58,755	3/4	46,741	3/4	34,810	3/4	22,968	3/4	10,945	3/4	152	3/4		3/4		3/4		3/4	
3	58,505	3	46,490	3	34,566	3	22,717	3	10,694	3	110	3		3		3		3	
1/4	58,256	1/4	46,240	1/4	34,322	1/4	22,467	1/4	10,444	1/4	68	1/4		1/4		1/4		1/4	
1/2	58,006	1/2	45,990	1/2	34,078	1/2	22,216	1/2	10,193	1/2	27	1/2		1/2		1/2		1/2	
3/4	57,755	3/4	45,739	3/4	33,834	3/4	21,966	3/4	9,943	3/4	26	3/4		3/4		3/4		3/4	
4	57,505	4	45,489	4	33,591	4	21,715	4	9,692	4		4		4		4		4	
1/4	57,255	1/4	45,239	1/4	33,347	1/4	21,465	1/4	9,442	1/4		1/4		1/4		1/4		1/4	
1/2	57,004	1/2	44,988	1/2	33,103	1/2	21,214	1/2	9,191	1/2		1/2		1/2		1/2		1/2	
3/4	56,754	3/4	44,738	3/4	32,859	3/4	20,964	3/4	8,941	3/4		3/4		3/4		3/4		3/4	
5	56,504	5	44,488	5	32,616	5	20,713	5	8,690	5		5		5		5		5	
1/4	56,253	1/4	44,237	1/4	32,372	1/4	20,463	1/4	8,439	1/4		1/4		1/4		1/4		1/4	
1/2	56,003	1/2	43,987	1/2	32,128	1/2	20,212	1/2	8,189	1/2		1/2		1/2		1/2		1/2	
3/4	55,753	3/4	43,737	3/4	31,884	3/4	19,962	3/4	7,938	3/4		3/4		3/4		3/4		3/4	
6	55,502	6	43,486	6	31,640	6	19,711	6	7,687	6		6		6		6		6	
1/4	55,252	1/4	43,236	1/4	31,397	1/4	19,461	1/4	7,436	1/4		1/4		1/4		1/4		1/4	
1/2	55,002	1/2	42,986	1/2	31,153	1/2	19,210	1/2	7,186	1/2		1/2		1/2		1/2		1/2	
3/4	54,751	3/4	42,735	3/4	30,909	3/4	18,960	3/4	6,935	3/4		3/4		3/4		3/4		3/4	
7	54,501	7	42,485	7	30,665	7	18,710	7	6,684	7		7		7		7		7	
1/4	54,251	1/4	42,235	1/4	30,421	1/4	18,459	1/4	6,434	1/4		1/4		1/4		1/4		1/4	
1/2	54,000	1/2	41,984	1/2	30,178	1/2	18,209	1/2	6,183	1/2		1/2		1/2		1/2		1/2	
3/4	53,750	3/4	41,734	3/4	29,934	3/4	17,958	3/4	5,933	3/4		3/4		3/4		3/4		3/4	
8	53,500	8	41,484	8	29,690	8	17,708	8	5,682	8		8		8		8		8	
1/4	53,249	1/4	41,233	1/4	29,446	1/4	17,457	1/4	5,431	1/4		1/4		1/4		1/4		1/4	
1/2	52,999	1/2	40,983	1/2	29,203	1/2	17,207	1/2	5,180	1/2		1/2		1/2		1/2		1/2	
3/4	52,749	3/4	40,733	3/4	28,959	3/4	16,956	3/4	4,929	3/4		3/4		3/4		3/4		3/4	
9	52,498	9	40,482	9	28,715	9	16,706	9	4,678	9		9		9		9		9	
1/4	52,248	1/4	40,232	1/4	28,471	1/4	16,455	1/4	4,427	1/4		1/4		1/4		1/4		1/4	
1/2	51,998	1/2	39,982	1/2	28,227	1/2	16,205	1/2	4,176	1/2		1/2		1/2		1/2		1/2	
3/4	51,747	3/4	39,731	3/4	27,977	3/4	15,954	3/4	3,925	3/4		3/4		3/4		3/4		3/4	
10	51,497	10	39,481	10	27,726	10	15,704	10	3,675	10		10		10		10		10	
1/4	51,247	1/4	39,231	1/4	27,476	1/4	15,453	1/4	3,424	1/4		1/4		1/4		1/4		1/4	
1/2	50,996	1/2	38,980	1/2	27,226	1/2	15,203	1/2	3,173	1/2		1/2		1/2		1/2		1/2	
3/4	50,746	3/4	38,730	3/4	26,975	3/4	14,952	3/4	2,922	3/4		3/4		3/4		3/4		3/4	
11	50,496	11	38,480	11	26,725	11	14,702	11	2,672	11		11		11		11		11	
1/4	50,245	1/4	38,229	1/4	26,474	1/4	14,452	1/4	2,422	1/4		1/4		1/4		1/4		1/4	
1/2	49,995	1/2	37,979	1/2	26,224	1/2	14,201	1/2	2,171	1/2		1/2		1/2		1/2		1/2	
3/4	49,745	3/4	37,735	3/4	25,973	3/4	13,951	3/4	1,934	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2016 CL
CALCULATED: 03/17/2016 CL
PRINTED: 03/18/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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



BARGE "IB 1968"

2 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	161,370	0	151,062	0	139,532	0	128,003	0	116,473	0	104,943	0	93,413	0	81,883	0	70,353
1/4		1/4	161,310	1/4	150,822	1/4	139,292	1/4	127,762	1/4	116,232	1/4	104,702	1/4	93,172	1/4	81,642	1/4	70,112
1/2		1/2	161,250	1/2	150,582	1/2	139,052	1/2	127,522	1/2	115,992	1/2	104,462	1/2	92,932	1/2	81,402	1/2	69,872
3/4		3/4	161,190	3/4	150,342	3/4	138,812	3/4	127,282	3/4	115,752	3/4	104,222	3/4	92,692	3/4	81,162	3/4	69,632
1		1	161,130	1	150,102	1	138,572	1	127,042	1	115,512	1	103,982	1	92,452	1	80,922	1	69,392
1/4		1/4	160,990	1/4	149,861	1/4	138,331	1/4	126,801	1/4	115,271	1/4	103,742	1/4	92,212	1/4	80,682	1/4	69,152
1/2		1/2	160,850	1/2	149,621	1/2	138,091	1/2	126,561	1/2	115,031	1/2	103,501	1/2	91,971	1/2	80,441	1/2	68,911
3/4		3/4	160,709	3/4	149,381	3/4	137,851	3/4	126,321	3/4	114,791	3/4	103,261	3/4	91,731	3/4	80,201	3/4	68,671
2		2	160,569	2	149,141	2	137,611	2	126,081	2	114,551	2	103,021	2	91,491	2	79,961	2	68,431
1/4		1/4	160,352	1/4	148,901	1/4	137,371	1/4	125,841	1/4	114,311	1/4	102,781	1/4	91,251	1/4	79,721	1/4	68,191
1/2		1/2	160,136	1/2	148,660	1/2	137,130	1/2	125,600	1/2	114,070	1/2	102,540	1/2	91,010	1/2	79,481	1/2	67,951
3/4		3/4	159,919	3/4	148,420	3/4	136,890	3/4	125,360	3/4	113,830	3/4	102,300	3/4	90,770	3/4	79,240	3/4	67,710
3		3	159,702	3	148,180	3	136,650	3	125,120	3	113,590	3	102,060	3	90,530	3	79,000	3	67,470
1/4		1/4	159,463	1/4	147,940	1/4	136,410	1/4	124,880	1/4	113,350	1/4	101,820	1/4	90,290	1/4	78,760	1/4	67,230
1/2		1/2	159,225	1/2	147,700	1/2	136,170	1/2	124,640	1/2	113,110	1/2	101,580	1/2	90,050	1/2	78,520	1/2	66,990
3/4		3/4	158,986	3/4	147,459	3/4	135,929	3/4	124,399	3/4	112,869	3/4	101,339	3/4	89,809	3/4	78,279	3/4	66,749
4		4	158,747	4	147,219	4	135,689	4	124,159	4	112,629	4	101,099	4	89,569	4	78,039	4	66,509
1/4		1/4	158,508	1/4	146,979	1/4	135,449	1/4	123,919	1/4	112,389	1/4	100,859	1/4	89,329	1/4	77,799	1/4	66,269
1/2		1/2	158,268	1/2	146,739	1/2	135,209	1/2	123,679	1/2	112,149	1/2	100,619	1/2	89,089	1/2	77,559	1/2	66,029
3/4		3/4	158,028	3/4	146,499	3/4	134,969	3/4	123,439	3/4	111,909	3/4	100,379	3/4	88,849	3/4	77,319	3/4	65,789
5		5	157,788	5	146,258	5	134,728	5	123,198	5	111,668	5	100,138	5	88,608	5	77,078	5	65,548
1/4		1/4	157,548	1/4	146,018	1/4	134,488	1/4	122,958	1/4	111,428	1/4	99,898	1/4	88,368	1/4	76,838	1/4	65,308
1/2		1/2	157,308	1/2	145,778	1/2	134,248	1/2	122,718	1/2	111,188	1/2	99,658	1/2	88,128	1/2	76,598	1/2	65,068
3/4		3/4	157,068	3/4	145,538	3/4	134,008	3/4	122,478	3/4	110,948	3/4	99,418	3/4	87,888	3/4	76,358	3/4	64,828
6		6	156,827	6	145,297	6	133,767	6	122,238	6	110,708	6	99,178	6	87,648	6	76,118	6	64,588
1/4		1/4	156,587	1/4	145,057	1/4	133,527	1/4	121,997	1/4	110,467	1/4	98,937	1/4	87,407	1/4	75,877	1/4	64,347
1/2		1/2	156,347	1/2	144,817	1/2	133,287	1/2	121,757	1/2	110,227	1/2	98,697	1/2	87,167	1/2	75,637	1/2	64,107
3/4		3/4	156,107	3/4	144,577	3/4	133,047	3/4	121,517	3/4	109,987	3/4	98,457	3/4	86,927	3/4	75,397	3/4	63,867
7		7	155,867	7	144,337	7	132,807	7	121,277	7	109,747	7	98,217	7	86,687	7	75,157	7	63,627
1/4		1/4	155,626	1/4	144,096	1/4	132,566	1/4	121,036	1/4	109,507	1/4	97,977	1/4	86,447	1/4	74,917	1/4	63,387
1/2		1/2	155,386	1/2	143,856	1/2	132,326	1/2	120,796	1/2	109,266	1/2	97,736	1/2	86,206	1/2	74,676	1/2	63,146
3/4		3/4	155,146	3/4	143,616	3/4	132,086	3/4	120,556	3/4	109,026	3/4	97,496	3/4	85,966	3/4	74,436	3/4	62,906
8		8	154,906	8	143,376	8	131,846	8	120,316	8	108,786	8	97,256	8	85,726	8	74,196	8	62,666
1/4		1/4	154,666	1/4	143,136	1/4	131,606	1/4	120,076	1/4	108,546	1/4	97,016	1/4	85,486	1/4	73,956	1/4	62,426
1/2		1/2	154,425	1/2	142,895	1/2	131,365	1/2	119,835	1/2	108,305	1/2	96,775	1/2	85,246	1/2	73,716	1/2	62,186
3/4		3/4	154,185	3/4	142,655	3/4	131,125	3/4	119,595	3/4	108,065	3/4	96,535	3/4	85,005	3/4	73,475	3/4	61,945
9		9	153,945	9	142,415	9	130,885	9	119,355	9	107,825	9	96,295	9	84,765	9	73,235	9	61,705
1/4		1/4	153,705	1/4	142,175	1/4	130,645	1/4	119,115	1/4	107,585	1/4	96,055	1/4	84,525	1/4	72,995	1/4	61,465
1/2		1/2	153,465	1/2	141,935	1/2	130,405	1/2	118,875	1/2	107,345	1/2	95,815	1/2	84,285	1/2	72,755	1/2	61,225
3/4		3/4	153,224	3/4	141,694	3/4	130,164	3/4	118,634	3/4	107,104	3/4	95,574	3/4	84,044	3/4	72,514	3/4	60,985
10		10	152,984	10	141,454	10	129,924	10	118,394	10	106,864	10	95,334	10	83,804	10	72,274	10	60,744
1/4		1/4	152,744	1/4	141,214	1/4	129,684	1/4	118,154	1/4	106,624	1/4	95,094	1/4	83,564	1/4	72,034	1/4	60,504
1/2		1/2	152,504	1/2	140,974	1/2	129,444	1/2	117,914	1/2	106,384	1/2	94,854	1/2	83,324	1/2	71,794	1/2	60,264
3/4		3/4	152,264	3/4	140,734	3/4	129,204	3/4	117,674	3/4	106,144	3/4	94,614	3/4	83,084	3/4	71,554	3/4	60,024
11		11	152,023	11	140,493	11	128,963	11	117,433	11	105,903	11	94,373	11	82,843	11	71,313	11	59,783
1/4		1/4	151,783	1/4	140,253	1/4	128,723	1/4	117,193	1/4	105,663	1/4	94,133	1/4	82,603	1/4	71,073	1/4	59,543
1/2		1/2	151,543	1/2	140,013	1/2	128,483	1/2	116,953	1/2	105,423	1/2	93,893	1/2	82,363	1/2	70,833	1/2	59,303
3/4		3/4	151,303	3/4	139,773	3/4	128,243	3/4	116,713	3/4	105,183	3/4	93,653	3/4	82,123	3/4	70,593	3/4	59,063

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "IB 1968"

2 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	58,823	0	47,293	0	35,791	0	24,515	0	12,985	0	1,467	0		0		0		0	
1/4	58,582	1/4	47,052	1/4	35,557	1/4	24,275	1/4	12,745	1/4	1,267	1/4		1/4		1/4		1/4	
1/2	58,342	1/2	46,812	1/2	35,324	1/2	24,035	1/2	12,505	1/2	1,067	1/2		1/2		1/2		1/2	
3/4	58,102	3/4	46,572	3/4	35,091	3/4	23,794	3/4	12,265	3/4	867	3/4		3/4		3/4		3/4	
1	57,862	1	46,332	1	34,858	1	23,554	1	12,025	1	667	1		1		1		1	
1/4	57,622	1/4	46,092	1/4	34,625	1/4	23,314	1/4	11,784	1/4	547	1/4		1/4		1/4		1/4	
1/2	57,381	1/2	45,851	1/2	34,392	1/2	23,074	1/2	11,544	1/2	427	1/2		1/2		1/2		1/2	
3/4	57,141	3/4	45,611	3/4	34,158	3/4	22,834	3/4	11,304	3/4	306	3/4		3/4		3/4		3/4	
2	56,901	2	45,371	2	33,925	2	22,593	2	11,064	2	186	2		2		2		2	
1/4	56,661	1/4	45,131	1/4	33,692	1/4	22,353	1/4	10,824	1/4	146	1/4		1/4		1/4		1/4	
1/2	56,421	1/2	44,891	1/2	33,459	1/2	22,113	1/2	10,583	1/2	106	1/2		1/2		1/2		1/2	
3/4	56,180	3/4	44,650	3/4	33,226	3/4	21,873	3/4	10,343	3/4	66	3/4		3/4		3/4		3/4	
3	55,940	3	44,410	3	32,993	3	21,633	3	10,103	3	26	3		3		3		3	
1/4	55,700	1/4	44,170	1/4	32,760	1/4	21,392	1/4	9,863	1/4		1/4		1/4		1/4		1/4	
1/2	55,460	1/2	43,930	1/2	32,526	1/2	21,152	1/2	9,623	1/2		1/2		1/2		1/2		1/2	
3/4	55,220	3/4	43,690	3/4	32,293	3/4	20,912	3/4	9,382	3/4		3/4		3/4		3/4		3/4	
4	54,979	4	43,449	4	32,060	4	20,672	4	9,142	4		4		4		4		4	
1/4	54,739	1/4	43,209	1/4	31,827	1/4	20,432	1/4	8,902	1/4		1/4		1/4		1/4		1/4	
1/2	54,499	1/2	42,969	1/2	31,594	1/2	20,191	1/2	8,662	1/2		1/2		1/2		1/2		1/2	
3/4	54,259	3/4	42,729	3/4	31,361	3/4	19,951	3/4	8,422	3/4		3/4		3/4		3/4		3/4	
5	54,018	5	42,488	5	31,128	5	19,711	5	8,181	5		5		5		5		5	
1/4	53,778	1/4	42,248	1/4	30,894	1/4	19,471	1/4	7,941	1/4		1/4		1/4		1/4		1/4	
1/2	53,538	1/2	42,008	1/2	30,661	1/2	19,231	1/2	7,701	1/2		1/2		1/2		1/2		1/2	
3/4	53,298	3/4	41,768	3/4	30,428	3/4	18,990	3/4	7,461	3/4		3/4		3/4		3/4		3/4	
6	53,058	6	41,528	6	30,195	6	18,750	6	7,221	6		6		6		6		6	
1/4	52,817	1/4	41,287	1/4	29,962	1/4	18,510	1/4	6,980	1/4		1/4		1/4		1/4		1/4	
1/2	52,577	1/2	41,047	1/2	29,729	1/2	18,270	1/2	6,740	1/2		1/2		1/2		1/2		1/2	
3/4	52,337	3/4	40,807	3/4	29,496	3/4	18,030	3/4	6,500	3/4		3/4		3/4		3/4		3/4	
7	52,097	7	40,567	7	29,262	7	17,789	7	6,260	7		7		7		7		7	
1/4	51,857	1/4	40,327	1/4	29,029	1/4	17,549	1/4	6,020	1/4		1/4		1/4		1/4		1/4	
1/2	51,616	1/2	40,086	1/2	28,796	1/2	17,309	1/2	5,780	1/2		1/2		1/2		1/2		1/2	
3/4	51,376	3/4	39,846	3/4	28,563	3/4	17,069	3/4	5,539	3/4		3/4		3/4		3/4		3/4	
8	51,136	8	39,606	8	28,330	8	16,829	8	5,299	8		8		8		8		8	
1/4	50,896	1/4	39,366	1/4	28,097	1/4	16,588	1/4	5,059	1/4		1/4		1/4		1/4		1/4	
1/2	50,656	1/2	39,126	1/2	27,864	1/2	16,348	1/2	4,819	1/2		1/2		1/2		1/2		1/2	
3/4	50,415	3/4	38,885	3/4	27,630	3/4	16,108	3/4	4,579	3/4		3/4		3/4		3/4		3/4	
9	50,175	9	38,645	9	27,397	9	15,868	9	4,338	9		9		9		9		9	
1/4	49,935	1/4	38,405	1/4	27,157	1/4	15,628	1/4	4,098	1/4		1/4		1/4		1/4		1/4	
1/2	49,695	1/2	38,165	1/2	26,917	1/2	15,387	1/2	3,858	1/2		1/2		1/2		1/2		1/2	
3/4	49,455	3/4	37,925	3/4	26,677	3/4	15,147	3/4	3,618	3/4		3/4		3/4		3/4		3/4	
10	49,214	10	37,684	10	26,437	10	14,907	10	3,378	10		10		10		10		10	
1/4	48,974	1/4	37,444	1/4	26,196	1/4	14,667	1/4	3,138	1/4		1/4		1/4		1/4		1/4	
1/2	48,734	1/2	37,204	1/2	25,956	1/2	14,427	1/2	2,898	1/2		1/2		1/2		1/2		1/2	
3/4	48,494	3/4	36,964	3/4	25,716	3/4	14,186	3/4	2,659	3/4		3/4		3/4		3/4		3/4	
11	48,253	11	36,724	11	25,476	11	13,946	11	2,420	11		11		11		11		11	
1/4	48,013	1/4	36,490	1/4	25,236	1/4	13,706	1/4	2,181	1/4		1/4		1/4		1/4		1/4	
1/2	47,773	1/2	36,257	1/2	24,995	1/2	13,466	1/2	1,943	1/2		1/2		1/2		1/2		1/2	
3/4	47,533	3/4	36,024	3/4	24,755	3/4	13,226	3/4	1,705	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2016 CL
CALCULATED: 03/17/2016 CL
PRINTED: 03/18/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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



BARGE "IB 1968"

3 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	160,485	0	150,480	0	139,033	0	127,585	0	116,138	0	104,691	0	93,244	0	81,796	0	70,349
1/4	1/4	160,475	1/4	150,241	1/4	138,794	1/4	127,347	1/4	115,900	1/4	104,453	1/4	93,005	1/4	81,558	1/4	70,111	
1/2	1/2	160,415	1/2	150,003	1/2	138,556	1/2	127,109	1/2	115,661	1/2	104,214	1/2	92,767	1/2	81,320	1/2	69,872	
3/4	3/4	160,356	3/4	149,765	3/4	138,317	3/4	126,870	3/4	115,423	3/4	103,976	3/4	92,528	3/4	81,081	3/4	69,634	
1	1	160,296	1	149,526	1	138,079	1	126,632	1	115,184	1	103,737	1	92,290	1	80,843	1	69,395	
1/4	1/4	160,237	1/4	149,288	1/4	137,840	1/4	126,393	1/4	114,946	1/4	103,499	1/4	92,051	1/4	80,604	1/4	69,157	
1/2	1/2	160,097	1/2	149,049	1/2	137,602	1/2	126,155	1/2	114,707	1/2	103,260	1/2	91,813	1/2	80,366	1/2	68,918	
3/4	3/4	159,958	3/4	148,811	3/4	137,363	3/4	125,916	3/4	114,469	3/4	103,022	3/4	91,574	3/4	80,127	3/4	68,680	
2	2	159,819	2	148,572	2	137,125	2	125,678	2	114,230	2	102,783	2	91,336	2	79,889	2	68,441	
1/4	1/4	159,680	1/4	148,334	1/4	136,886	1/4	125,439	1/4	113,992	1/4	102,545	1/4	91,097	1/4	79,650	1/4	68,203	
1/2	1/2	159,465	1/2	148,095	1/2	136,648	1/2	125,201	1/2	113,753	1/2	102,306	1/2	90,859	1/2	79,412	1/2	67,964	
3/4	3/4	159,250	3/4	147,857	3/4	136,409	3/4	124,962	3/4	113,515	3/4	102,068	3/4	90,620	3/4	79,173	3/4	67,726	
3	3	159,034	3	147,618	3	136,171	3	124,724	3	113,276	3	101,829	3	90,382	3	78,935	3	67,487	
1/4	1/4	158,819	1/4	147,380	1/4	135,932	1/4	124,485	1/4	113,038	1/4	101,591	1/4	90,143	1/4	78,696	1/4	67,249	
1/2	1/2	158,582	1/2	147,141	1/2	135,694	1/2	124,247	1/2	112,799	1/2	101,352	1/2	89,905	1/2	78,458	1/2	67,010	
3/4	3/4	158,345	3/4	146,903	3/4	135,455	3/4	124,008	3/4	112,561	3/4	101,114	3/4	89,666	3/4	78,219	3/4	66,772	
4	4	158,108	4	146,664	4	135,217	4	123,770	4	112,322	4	100,875	4	89,428	4	77,981	4	66,533	
1/4	1/4	157,871	1/4	146,426	1/4	134,978	1/4	123,531	1/4	112,084	1/4	100,637	1/4	89,190	1/4	77,742	1/4	66,295	
1/2	1/2	157,633	1/2	146,187	1/2	134,740	1/2	123,293	1/2	111,846	1/2	100,398	1/2	88,951	1/2	77,504	1/2	66,057	
3/4	3/4	157,395	3/4	145,949	3/4	134,502	3/4	123,054	3/4	111,607	3/4	100,160	3/4	88,713	3/4	77,265	3/4	65,818	
5	5	157,157	5	145,710	5	134,263	5	122,816	5	111,369	5	99,921	5	88,474	5	77,027	5	65,580	
1/4	1/4	156,919	1/4	145,472	1/4	134,025	1/4	122,577	1/4	111,130	1/4	99,683	1/4	88,236	1/4	76,788	1/4	65,341	
1/2	1/2	156,680	1/2	145,233	1/2	133,786	1/2	122,339	1/2	110,892	1/2	99,444	1/2	87,997	1/2	76,550	1/2	65,103	
3/4	3/4	156,442	3/4	144,995	3/4	133,548	3/4	122,100	3/4	110,653	3/4	99,206	3/4	87,759	3/4	76,311	3/4	64,864	
6	6	156,204	6	144,756	6	133,309	6	121,862	6	110,415	6	98,967	6	87,520	6	76,073	6	64,626	
1/4	1/4	155,965	1/4	144,518	1/4	133,071	1/4	121,623	1/4	110,176	1/4	98,729	1/4	87,282	1/4	75,834	1/4	64,387	
1/2	1/2	155,727	1/2	144,279	1/2	132,832	1/2	121,385	1/2	109,938	1/2	98,490	1/2	87,043	1/2	75,596	1/2	64,149	
3/4	3/4	155,488	3/4	144,041	3/4	132,594	3/4	121,146	3/4	109,699	3/4	98,252	3/4	86,805	3/4	75,357	3/4	63,910	
7	7	155,250	7	143,802	7	132,355	7	120,908	7	109,461	7	98,013	7	86,566	7	75,119	7	63,672	
1/4	1/4	155,011	1/4	143,564	1/4	132,117	1/4	120,669	1/4	109,222	1/4	97,775	1/4	86,328	1/4	74,880	1/4	63,433	
1/2	1/2	154,773	1/2	143,325	1/2	131,878	1/2	120,431	1/2	108,984	1/2	97,536	1/2	86,089	1/2	74,642	1/2	63,195	
3/4	3/4	154,534	3/4	143,087	3/4	131,640	3/4	120,192	3/4	108,745	3/4	97,298	3/4	85,851	3/4	74,403	3/4	62,956	
8	8	154,296	8	142,848	8	131,401	8	119,954	8	108,507	8	97,059	8	85,612	8	74,165	8	62,718	
1/4	1/4	154,057	1/4	142,610	1/4	131,163	1/4	119,715	1/4	108,268	1/4	96,821	1/4	85,374	1/4	73,927	1/4	62,479	
1/2	1/2	153,819	1/2	142,372	1/2	130,924	1/2	119,477	1/2	108,030	1/2	96,583	1/2	85,135	1/2	73,688	1/2	62,241	
3/4	3/4	153,580	3/4	142,133	3/4	130,686	3/4	119,239	3/4	107,791	3/4	96,344	3/4	84,897	3/4	73,450	3/4	62,002	
9	9	153,342	9	141,895	9	130,447	9	119,000	9	107,553	9	96,106	9	84,658	9	73,211	9	61,764	
1/4	1/4	153,103	1/4	141,656	1/4	130,209	1/4	118,762	1/4	107,314	1/4	95,867	1/4	84,420	1/4	72,973	1/4	61,525	
1/2	1/2	152,865	1/2	141,418	1/2	129,970	1/2	118,523	1/2	107,076	1/2	95,629	1/2	84,181	1/2	72,734	1/2	61,287	
3/4	3/4	152,626	3/4	141,179	3/4	129,732	3/4	118,285	3/4	106,837	3/4	95,390	3/4	83,943	3/4	72,496	3/4	61,048	
10	10	152,388	10	140,941	10	129,493	10	118,046	10	106,599	10	95,152	10	83,704	10	72,257	10	60,810	
1/4	1/4	152,149	1/4	140,702	1/4	129,255	1/4	117,808	1/4	106,360	1/4	94,913	1/4	83,466	1/4	72,019	1/4	60,571	
1/2	1/2	151,911	1/2	140,464	1/2	129,016	1/2	117,569	1/2	106,122	1/2	94,675	1/2	83,227	1/2	71,780	1/2	60,333	
3/4	3/4	151,672	3/4	140,225	3/4	128,778	3/4	117,331	3/4	105,883	3/4	94,436	3/4	82,989	3/4	71,542	3/4	60,094	
11	11	151,434	11	139,987	11	128,539	11	117,092	11	105,645	11	94,198	11	82,750	11	71,303	11	59,856	
1/4	1/4	151,195	1/4	139,748	1/4	128,301	1/4	116,854	1/4	105,406	1/4	93,959	1/4	82,512	1/4	71,065	1/4	59,617	
1/2	1/2	150,957	1/2	139,510	1/2	128,062	1/2	116,615	1/2	105,168	1/2	93,721	1/2	82,273	1/2	70,826	1/2	59,379	
3/4	3/4	150,718	3/4	139,271	3/4	127,824	3/4	116,377	3/4	104,929	3/4	93,482	3/4	82,035	3/4	70,588	3/4	59,140	

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'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "IB 1968"

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	58,902	0	47,455	0	36,009	0	24,578	0	13,131	0	1,693	0		0		0		0	
1/4	58,664	1/4	47,216	1/4	35,771	1/4	24,340	1/4	12,893	1/4	1,457	1/4		1/4		1/4		1/4	
1/2	58,425	1/2	46,978	1/2	35,533	1/2	24,101	1/2	12,654	1/2	1,258	1/2		1/2		1/2		1/2	
3/4	58,187	3/4	46,739	3/4	35,294	3/4	23,863	3/4	12,416	3/4	1,060	3/4		3/4		3/4		3/4	
1	57,948	1	46,501	1	35,056	1	23,624	1	12,177	1	861	1		1		1		1	
1/4	57,710	1/4	46,262	1/4	34,818	1/4	23,386	1/4	11,939	1/4	663	1/4		1/4		1/4		1/4	
1/2	57,471	1/2	46,024	1/2	34,580	1/2	23,147	1/2	11,700	1/2	543	1/2		1/2		1/2		1/2	
3/4	57,233	3/4	45,785	3/4	34,342	3/4	22,909	3/4	11,462	3/4	424	3/4		3/4		3/4		3/4	
2	56,994	2	45,547	2	34,104	2	22,670	2	11,223	2	305	2		2		2		2	
1/4	56,756	1/4	45,308	1/4	33,866	1/4	22,432	1/4	10,985	1/4	186	1/4		1/4		1/4		1/4	
1/2	56,517	1/2	45,070	1/2	33,628	1/2	22,193	1/2	10,746	1/2	146	1/2		1/2		1/2		1/2	
3/4	56,279	3/4	44,831	3/4	33,390	3/4	21,955	3/4	10,508	3/4	106	3/4		3/4		3/4		3/4	
3	56,040	3	44,593	3	33,152	3	21,716	3	10,270	3	66	3		3		3		3	
1/4	55,802	1/4	44,354	1/4	32,914	1/4	21,478	1/4	10,031	1/4	26	1/4		1/4		1/4		1/4	
1/2	55,563	1/2	44,116	1/2	32,676	1/2	21,239	1/2	9,793	1/2		1/2		1/2		1/2		1/2	
3/4	55,325	3/4	43,877	3/4	32,438	3/4	21,001	3/4	9,554	3/4		3/4		3/4		3/4		3/4	
4	55,086	4	43,639	4	32,200	4	20,762	4	9,316	4		4		4		4		4	
1/4	54,848	1/4	43,401	1/4	31,962	1/4	20,524	1/4	9,077	1/4		1/4		1/4		1/4		1/4	
1/2	54,609	1/2	43,162	1/2	31,724	1/2	20,286	1/2	8,839	1/2		1/2		1/2		1/2		1/2	
3/4	54,371	3/4	42,924	3/4	31,486	3/4	20,047	3/4	8,600	3/4		3/4		3/4		3/4		3/4	
5	54,132	5	42,685	5	31,248	5	19,809	5	8,362	5		5		5		5		5	
1/4	53,894	1/4	42,447	1/4	31,010	1/4	19,570	1/4	8,123	1/4		1/4		1/4		1/4		1/4	
1/2	53,655	1/2	42,208	1/2	30,772	1/2	19,332	1/2	7,885	1/2		1/2		1/2		1/2		1/2	
3/4	53,417	3/4	41,970	3/4	30,534	3/4	19,093	3/4	7,646	3/4		3/4		3/4		3/4		3/4	
6	53,178	6	41,731	6	30,296	6	18,855	6	7,408	6		6		6		6		6	
1/4	52,940	1/4	41,493	1/4	30,058	1/4	18,616	1/4	7,169	1/4		1/4		1/4		1/4		1/4	
1/2	52,701	1/2	41,254	1/2	29,820	1/2	18,378	1/2	6,931	1/2		1/2		1/2		1/2		1/2	
3/4	52,463	3/4	41,016	3/4	29,582	3/4	18,139	3/4	6,693	3/4		3/4		3/4		3/4		3/4	
7	52,224	7	40,777	7	29,344	7	17,901	7	6,454	7		7		7		7		7	
1/4	51,986	1/4	40,539	1/4	29,106	1/4	17,662	1/4	6,216	1/4		1/4		1/4		1/4		1/4	
1/2	51,747	1/2	40,300	1/2	28,867	1/2	17,424	1/2	5,977	1/2		1/2		1/2		1/2		1/2	
3/4	51,509	3/4	40,062	3/4	28,629	3/4	17,185	3/4	5,739	3/4		3/4		3/4		3/4		3/4	
8	51,271	8	39,823	8	28,391	8	16,947	8	5,500	8		8		8		8		8	
1/4	51,032	1/4	39,585	1/4	28,153	1/4	16,708	1/4	5,262	1/4		1/4		1/4		1/4		1/4	
1/2	50,794	1/2	39,346	1/2	27,915	1/2	16,470	1/2	5,023	1/2		1/2		1/2		1/2		1/2	
3/4	50,555	3/4	39,108	3/4	27,677	3/4	16,231	3/4	4,785	3/4		3/4		3/4		3/4		3/4	
9	50,317	9	38,869	9	27,439	9	15,993	9	4,546	9		9		9		9		9	
1/4	50,078	1/4	38,631	1/4	27,201	1/4	15,754	1/4	4,308	1/4		1/4		1/4		1/4		1/4	
1/2	49,840	1/2	38,392	1/2	26,963	1/2	15,516	1/2	4,069	1/2		1/2		1/2		1/2		1/2	
3/4	49,601	3/4	38,154	3/4	26,724	3/4	15,278	3/4	3,831	3/4		3/4		3/4		3/4		3/4	
10	49,363	10	37,915	10	26,486	10	15,039	10	3,593	10		10		10		10		10	
1/4	49,124	1/4	37,677	1/4	26,247	1/4	14,801	1/4	3,354	1/4		1/4		1/4		1/4		1/4	
1/2	48,886	1/2	37,438	1/2	26,009	1/2	14,562	1/2	3,116	1/2		1/2		1/2		1/2		1/2	
3/4	48,647	3/4	37,200	3/4	25,770	3/4	14,324	3/4	2,878	3/4		3/4		3/4		3/4		3/4	
11	48,409	11	36,961	11	25,532	11	14,085	11	2,641	11		11		11		11		11	
1/4	48,170	1/4	36,723	1/4	25,293	1/4	13,847	1/4	2,403	1/4		1/4		1/4		1/4		1/4	
1/2	47,932	1/2	36,485	1/2	25,055	1/2	13,608	1/2	2,166	1/2		1/2		1/2		1/2		1/2	
3/4	47,693	3/4	36,247	3/4	24,817	3/4	13,370	3/4	1,930	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/17/2016 CL
CALCULATED: 03/17/2016 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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