



BARGE "IB 1961"

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 1961"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

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	153,624	0	146,867	0	139,081	0	131,295	0	121,866	0	109,832	0	97,807	0	85,783	0	73,758	
1/4	1/4	153,572	1/4	146,705	1/4	138,919	1/4	131,133	1/4	121,615	1/4	109,581	1/4	97,557	1/4	85,532	1/4	73,507	
1/2	1/2	153,521	1/2	146,543	1/2	138,757	1/2	130,970	1/2	121,364	1/2	109,331	1/2	97,306	1/2	85,282	1/2	73,257	
3/4	3/4	153,469	3/4	146,381	3/4	138,595	3/4	130,808	3/4	121,113	3/4	109,080	3/4	97,056	3/4	85,031	3/4	73,006	
1	1	153,417	1	146,219	1	138,432	1	130,646	1	120,862	1	108,830	1	96,805	1	84,781	1	72,756	
1/4	1/4	153,347	1/4	146,056	1/4	138,270	1/4	130,484	1/4	120,611	1/4	108,579	1/4	96,555	1/4	84,530	1/4	72,505	
1/2	1/2	153,277	1/2	145,894	1/2	138,108	1/2	130,322	1/2	120,360	1/2	108,329	1/2	96,304	1/2	84,280	1/2	72,255	
3/4	3/4	153,207	3/4	145,732	3/4	137,946	3/4	130,159	3/4	120,109	3/4	108,078	3/4	96,054	3/4	84,029	3/4	72,004	
2	2	153,137	2	145,570	2	137,783	2	129,997	2	119,858	2	107,828	2	95,803	2	83,779	2	71,754	
1/4	1/4	153,022	1/4	145,407	1/4	137,621	1/4	129,835	1/4	119,607	1/4	107,577	1/4	95,553	1/4	83,528	1/4	71,503	
1/2	1/2	152,906	1/2	145,245	1/2	137,459	1/2	129,673	1/2	119,356	1/2	107,327	1/2	95,302	1/2	83,278	1/2	71,253	
3/4	3/4	152,790	3/4	145,083	3/4	137,297	3/4	129,511	3/4	119,104	3/4	107,076	3/4	95,052	3/4	83,027	3/4	71,002	
3	3	152,674	3	144,921	3	137,135	3	129,348	3	118,853	3	106,826	3	94,801	3	82,777	3	70,752	
1/4	1/4	152,519	1/4	144,759	1/4	136,972	1/4	129,186	1/4	118,602	1/4	106,575	1/4	94,551	1/4	82,526	1/4	70,501	
1/2	1/2	152,364	1/2	144,596	1/2	136,810	1/2	129,024	1/2	118,351	1/2	106,325	1/2	94,300	1/2	82,276	1/2	70,251	
3/4	3/4	152,209	3/4	144,434	3/4	136,648	3/4	128,862	3/4	118,100	3/4	106,074	3/4	94,050	3/4	82,025	3/4	70,000	
4	4	152,055	4	144,272	4	136,486	4	128,699	4	117,849	4	105,824	4	93,799	4	81,775	4	69,750	
1/4	1/4	151,893	1/4	144,110	1/4	136,324	1/4	128,537	1/4	117,599	1/4	105,573	1/4	93,549	1/4	81,524	1/4	69,499	
1/2	1/2	151,732	1/2	143,948	1/2	136,161	1/2	128,375	1/2	117,348	1/2	105,323	1/2	93,298	1/2	81,274	1/2	69,249	
3/4	3/4	151,570	3/4	143,785	3/4	135,999	3/4	128,213	3/4	117,097	3/4	105,072	3/4	93,048	3/4	81,023	3/4	68,998	
5	5	151,409	5	143,623	5	135,837	5	128,051	5	116,847	5	104,822	5	92,797	5	80,773	5	68,748	
1/4	1/4	151,247	1/4	143,461	1/4	135,675	1/4	127,888	1/4	116,596	1/4	104,571	1/4	92,547	1/4	80,522	1/4	68,497	
1/2	1/2	151,085	1/2	143,299	1/2	135,512	1/2	127,726	1/2	116,346	1/2	104,321	1/2	92,296	1/2	80,272	1/2	68,247	
3/4	3/4	150,923	3/4	143,136	3/4	135,350	3/4	127,564	3/4	116,095	3/4	104,070	3/4	92,046	3/4	80,021	3/4	67,997	
6	6	150,761	6	142,974	6	135,188	6	127,402	6	115,845	6	103,820	6	91,795	6	79,770	6	67,747	
1/4	1/4	150,598	1/4	142,812	1/4	135,026	1/4	127,240	1/4	115,594	1/4	103,569	1/4	91,545	1/4	79,520	1/4	67,497	
1/2	1/2	150,436	1/2	142,650	1/2	134,864	1/2	127,077	1/2	115,343	1/2	103,318	1/2	91,294	1/2	79,269	1/2	67,247	
3/4	3/4	150,274	3/4	142,488	3/4	134,701	3/4	126,915	3/4	115,093	3/4	103,068	3/4	91,044	3/4	79,019	3/4	66,997	
7	7	150,112	7	142,325	7	134,539	7	126,753	7	114,842	7	102,817	7	90,793	7	78,768	7	66,747	
1/4	1/4	149,949	1/4	142,163	1/4	134,377	1/4	126,591	1/4	114,592	1/4	102,567	1/4	90,543	1/4	78,518	1/4	66,497	
1/2	1/2	149,787	1/2	142,001	1/2	134,215	1/2	126,429	1/2	114,341	1/2	102,316	1/2	90,292	1/2	78,267	1/2	66,247	
3/4	3/4	149,625	3/4	141,839	3/4	134,053	3/4	126,267	3/4	114,091	3/4	102,066	3/4	90,042	3/4	78,017	3/4	65,998	
8	8	149,463	8	141,677	8	133,890	8	126,105	8	113,840	8	101,815	8	89,791	8	77,766	8	65,748	
1/4	1/4	149,301	1/4	141,514	1/4	133,728	1/4	125,943	1/4	113,590	1/4	101,565	1/4	89,541	1/4	77,516	1/4	65,498	
1/2	1/2	149,138	1/2	141,352	1/2	133,566	1/2	125,780	1/2	113,339	1/2	101,314	1/2	89,290	1/2	77,265	1/2	65,248	
3/4	3/4	148,976	3/4	141,190	3/4	133,404	3/4	125,618	3/4	113,089	3/4	101,064	3/4	89,040	3/4	77,015	3/4	64,998	
9	9	148,814	9	141,028	9	133,241	9	124,878	9	112,838	9	100,813	9	88,789	9	76,764	9	64,748	
1/4	1/4	148,652	1/4	140,865	1/4	133,079	1/4	124,716	1/4	112,588	1/4	100,563	1/4	88,539	1/4	76,514	1/4	64,498	
1/2	1/2	148,490	1/2	140,703	1/2	132,917	1/2	124,554	1/2	112,337	1/2	100,312	1/2	88,288	1/2	76,263	1/2	64,248	
3/4	3/4	148,327	3/4	140,541	3/4	132,755	3/4	124,392	3/4	112,087	3/4	100,062	3/4	88,038	3/4	76,013	3/4	63,998	
10	10	148,165	10	140,379	10	132,593	10	123,874	10	111,836	10	99,811	10	87,787	10	75,762	10	63,748	
1/4	1/4	148,003	1/4	140,217	1/4	132,430	1/4	123,712	1/4	111,586	1/4	99,561	1/4	87,537	1/4	75,512	1/4	63,498	
1/2	1/2	147,841	1/2	140,054	1/2	132,268	1/2	123,550	1/2	111,335	1/2	99,310	1/2	87,286	1/2	75,261	1/2	63,248	
3/4	3/4	147,678	3/4	139,892	3/4	132,106	3/4	123,388	3/4	111,085	3/4	99,060	3/4	87,036	3/4	75,011	3/4	62,999	
11	11	147,516	11	139,730	11	131,944	11	122,870	11	110,834	11	98,809	11	86,785	11	74,760	11	62,749	
1/4	1/4	147,354	1/4	139,568	1/4	131,782	1/4	122,708	1/4	110,584	1/4	98,559	1/4	86,535	1/4	74,510	1/4	62,499	
1/2	1/2	147,192	1/2	139,406	1/2	131,619	1/2	122,546	1/2	110,333	1/2	98,308	1/2	86,284	1/2	74,259	1/2	62,249	
3/4	3/4	147,030	3/4	139,243	3/4	131,457	3/4	122,384	3/4	110,083	3/4	98,058	3/4	86,033	3/4	74,008	3/4	61,999	

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 1961"

1 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	61,749	0	49,737	0	37,734	0	25,959	0	13,934	0	1,906	0		0		0		0	
1/4	61,499	1/4	49,486	1/4	37,490	1/4	25,709	1/4	13,684	1/4	1,682	1/4		1/4		1/4		1/4	
1/2	61,249	1/2	49,236	1/2	37,246	1/2	25,458	1/2	13,433	1/2	1,458	1/2		1/2		1/2		1/2	
3/4	60,999	3/4	48,985	3/4	37,002	3/4	25,208	3/4	13,182	3/4	1,234	3/4		3/4		3/4		3/4	
1	60,749	1	48,735	1	36,759	1	24,957	1	12,932	1	1,010	1		1		1		1	
1/4	60,499	1/4	48,485	1/4	36,515	1/4	24,707	1/4	12,681	1/4	853	1/4		1/4		1/4		1/4	
1/2	60,249	1/2	48,234	1/2	36,271	1/2	24,456	1/2	12,431	1/2	696	1/2		1/2		1/2		1/2	
3/4	60,000	3/4	47,984	3/4	36,027	3/4	24,206	3/4	12,180	3/4	539	3/4		3/4		3/4		3/4	
2	59,750	2	47,733	2	35,783	2	23,955	2	11,930	2	382	2		2		2		2	
1/4	59,500	1/4	47,483	1/4	35,539	1/4	23,705	1/4	11,679	1/4	309	1/4		1/4		1/4		1/4	
1/2	59,250	1/2	47,233	1/2	35,296	1/2	23,454	1/2	11,429	1/2	236	1/2		1/2		1/2		1/2	
3/4	59,000	3/4	46,982	3/4	35,052	3/4	23,204	3/4	11,178	3/4	163	3/4		3/4		3/4		3/4	
3	58,750	3	46,732	3	34,808	3	22,953	3	10,928	3	89	3		3		3		3	
1/4	58,500	1/4	46,481	1/4	34,564	1/4	22,703	1/4	10,677	1/4		1/4		1/4		1/4		1/4	
1/2	58,250	1/2	46,231	1/2	34,320	1/2	22,452	1/2	10,427	1/2		1/2		1/2		1/2		1/2	
3/4	57,999	3/4	45,981	3/4	34,076	3/4	22,202	3/4	10,176	3/4		3/4		3/4		3/4		3/4	
4	57,749	4	45,730	4	33,833	4	21,951	4	9,925	4		4		4		4		4	
1/4	57,499	1/4	45,480	1/4	33,589	1/4	21,700	1/4	9,675	1/4		1/4		1/4		1/4		1/4	
1/2	57,248	1/2	45,230	1/2	33,345	1/2	21,450	1/2	9,424	1/2		1/2		1/2		1/2		1/2	
3/4	56,998	3/4	44,979	3/4	33,101	3/4	21,199	3/4	9,173	3/4		3/4		3/4		3/4		3/4	
5	56,748	5	44,729	5	32,857	5	20,949	5	8,923	5		5		5		5		5	
1/4	56,497	1/4	44,478	1/4	32,613	1/4	20,698	1/4	8,672	1/4		1/4		1/4		1/4		1/4	
1/2	56,247	1/2	44,228	1/2	32,370	1/2	20,448	1/2	8,421	1/2		1/2		1/2		1/2		1/2	
3/4	55,996	3/4	43,978	3/4	32,126	3/4	20,197	3/4	8,170	3/4		3/4		3/4		3/4		3/4	
6	55,746	6	43,727	6	31,882	6	19,947	6	7,919	6		6		6		6		6	
1/4	55,496	1/4	43,477	1/4	31,638	1/4	19,696	1/4	7,669	1/4		1/4		1/4		1/4		1/4	
1/2	55,245	1/2	43,226	1/2	31,394	1/2	19,446	1/2	7,418	1/2		1/2		1/2		1/2		1/2	
3/4	54,995	3/4	42,976	3/4	31,150	3/4	19,195	3/4	7,167	3/4		3/4		3/4		3/4		3/4	
7	54,744	7	42,726	7	30,906	7	18,945	7	6,917	7		7		7		7		7	
1/4	54,494	1/4	42,475	1/4	30,663	1/4	18,694	1/4	6,666	1/4		1/4		1/4		1/4		1/4	
1/2	54,244	1/2	42,225	1/2	30,419	1/2	18,444	1/2	6,415	1/2		1/2		1/2		1/2		1/2	
3/4	53,993	3/4	41,974	3/4	30,175	3/4	18,193	3/4	6,164	3/4		3/4		3/4		3/4		3/4	
8	53,743	8	41,724	8	29,931	8	17,943	8	5,914	8		8		8		8		8	
1/4	53,492	1/4	41,474	1/4	29,687	1/4	17,692	1/4	5,663	1/4		1/4		1/4		1/4		1/4	
1/2	53,242	1/2	41,223	1/2	29,443	1/2	17,441	1/2	5,412	1/2		1/2		1/2		1/2		1/2	
3/4	52,992	3/4	40,973	3/4	29,200	3/4	17,191	3/4	5,161	3/4		3/4		3/4		3/4		3/4	
9	52,741	9	40,722	9	28,956	9	16,940	9	4,910	9		9		9		9		9	
1/4	52,491	1/4	40,472	1/4	28,708	1/4	16,690	1/4	4,659	1/4		1/4		1/4		1/4		1/4	
1/2	52,240	1/2	40,222	1/2	28,460	1/2	16,439	1/2	4,408	1/2		1/2		1/2		1/2		1/2	
3/4	51,990	3/4	39,971	3/4	28,212	3/4	16,189	3/4	4,157	3/4		3/4		3/4		3/4		3/4	
10	51,740	10	39,721	10	27,964	10	15,938	10	3,906	10		10		10		10		10	
1/4	51,489	1/4	39,471	1/4	27,713	1/4	15,688	1/4	3,655	1/4		1/4		1/4		1/4		1/4	
1/2	51,239	1/2	39,220	1/2	27,463	1/2	15,437	1/2	3,405	1/2		1/2		1/2		1/2		1/2	
3/4	50,989	3/4	38,970	3/4	27,212	3/4	15,187	3/4	3,154	3/4		3/4		3/4		3/4		3/4	
11	50,738	11	38,719	11	26,962	11	14,936	11	2,904	11		11		11		11		11	
1/4	50,488	1/4	38,473	1/4	26,711	1/4	14,686	1/4	2,654	1/4		1/4		1/4		1/4		1/4	
1/2	50,237	1/2	38,227	1/2	26,461	1/2	14,435	1/2	2,405	1/2		1/2		1/2		1/2		1/2	
3/4	49,987	3/4	37,980	3/4	26,210	3/4	14,185	3/4	2,155	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 1961"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

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	161,450	0	151,182	0	139,652	0	128,122	0	116,592	0	105,062	0	93,532	0	82,002	0	70,472
1/4		1/4	161,400	1/4	150,941	1/4	139,411	1/4	127,881	1/4	116,351	1/4	104,821	1/4	93,291	1/4	81,761	1/4	70,231
1/2		1/2	161,351	1/2	150,701	1/2	139,171	1/2	127,641	1/2	116,111	1/2	104,581	1/2	93,051	1/2	81,521	1/2	69,991
3/4		3/4	161,301	3/4	150,461	3/4	138,931	3/4	127,401	3/4	115,871	3/4	104,341	3/4	92,811	3/4	81,281	3/4	69,751
1		1	161,181	1	150,221	1	138,691	1	127,161	1	115,631	1	104,101	1	92,571	1	81,041	1	69,511
1/4		1/4	161,061	1/4	149,980	1/4	138,451	1/4	126,921	1/4	115,391	1/4	103,861	1/4	92,331	1/4	80,801	1/4	69,271
1/2		1/2	160,941	1/2	149,740	1/2	138,210	1/2	126,680	1/2	115,150	1/2	103,620	1/2	92,090	1/2	80,560	1/2	69,030
3/4		3/4	160,821	3/4	149,500	3/4	137,970	3/4	126,440	3/4	114,910	3/4	103,380	3/4	91,850	3/4	80,320	3/4	68,790
2		2	160,625	2	149,260	2	137,730	2	126,200	2	114,670	2	103,140	2	91,610	2	80,080	2	68,550
1/4		1/4	160,429	1/4	149,020	1/4	137,490	1/4	125,960	1/4	114,430	1/4	102,900	1/4	91,370	1/4	79,840	1/4	68,310
1/2		1/2	160,233	1/2	148,779	1/2	137,249	1/2	125,719	1/2	114,189	1/2	102,660	1/2	91,130	1/2	79,600	1/2	68,070
3/4		3/4	160,037	3/4	148,539	3/4	137,009	3/4	125,479	3/4	113,949	3/4	102,419	3/4	90,889	3/4	79,359	3/4	67,829
3		3	159,804	3	148,299	3	136,769	3	125,239	3	113,709	3	102,179	3	90,649	3	79,119	3	67,589
1/4		1/4	159,571	1/4	148,059	1/4	136,529	1/4	124,999	1/4	113,469	1/4	101,939	1/4	90,409	1/4	78,879	1/4	67,349
1/2		1/2	159,338	1/2	147,819	1/2	136,289	1/2	124,759	1/2	113,229	1/2	101,699	1/2	90,169	1/2	78,639	1/2	67,109
3/4		3/4	159,105	3/4	147,578	3/4	136,048	3/4	124,518	3/4	112,988	3/4	101,458	3/4	89,928	3/4	78,399	3/4	66,869
4		4	158,865	4	147,338	4	135,808	4	124,278	4	112,748	4	101,218	4	89,688	4	78,158	4	66,628
1/4		1/4	158,626	1/4	147,098	1/4	135,568	1/4	124,038	1/4	112,508	1/4	100,978	1/4	89,448	1/4	77,918	1/4	66,388
1/2		1/2	158,386	1/2	146,858	1/2	135,328	1/2	123,798	1/2	112,268	1/2	100,738	1/2	89,208	1/2	77,678	1/2	66,148
3/4		3/4	158,147	3/4	146,618	3/4	135,088	3/4	123,558	3/4	112,028	3/4	100,498	3/4	88,968	3/4	77,438	3/4	65,908
5		5	157,907	5	146,377	5	134,847	5	123,317	5	111,787	5	100,257	5	88,727	5	77,197	5	65,667
1/4		1/4	157,667	1/4	146,137	1/4	134,607	1/4	123,077	1/4	111,547	1/4	100,017	1/4	88,487	1/4	76,957	1/4	65,427
1/2		1/2	157,427	1/2	145,897	1/2	134,367	1/2	122,837	1/2	111,307	1/2	99,777	1/2	88,247	1/2	76,717	1/2	65,187
3/4		3/4	157,187	3/4	145,657	3/4	134,127	3/4	122,597	3/4	111,067	3/4	99,537	3/4	88,007	3/4	76,477	3/4	64,947
6		6	156,946	6	145,417	6	133,887	6	122,357	6	110,827	6	99,297	6	87,767	6	76,237	6	64,707
1/4		1/4	156,706	1/4	145,176	1/4	133,646	1/4	122,116	1/4	110,586	1/4	99,056	1/4	87,526	1/4	75,996	1/4	64,466
1/2		1/2	156,466	1/2	144,936	1/2	133,406	1/2	121,876	1/2	110,346	1/2	98,816	1/2	87,286	1/2	75,756	1/2	64,226
3/4		3/4	156,226	3/4	144,696	3/4	133,166	3/4	121,636	3/4	110,106	3/4	98,576	3/4	87,046	3/4	75,516	3/4	63,986
7		7	155,986	7	144,456	7	132,926	7	121,396	7	109,866	7	98,336	7	86,806	7	75,276	7	63,746
1/4		1/4	155,745	1/4	144,215	1/4	132,686	1/4	121,156	1/4	109,626	1/4	98,096	1/4	86,566	1/4	75,036	1/4	63,506
1/2		1/2	155,505	1/2	143,975	1/2	132,445	1/2	120,915	1/2	109,385	1/2	97,855	1/2	86,325	1/2	74,795	1/2	63,265
3/4		3/4	155,265	3/4	143,735	3/4	132,205	3/4	120,675	3/4	109,145	3/4	97,615	3/4	86,085	3/4	74,555	3/4	63,025
8		8	155,025	8	143,495	8	131,965	8	120,435	8	108,905	8	97,375	8	85,845	8	74,315	8	62,785
1/4		1/4	154,785	1/4	143,255	1/4	131,725	1/4	120,195	1/4	108,665	1/4	97,135	1/4	85,605	1/4	74,075	1/4	62,545
1/2		1/2	154,544	1/2	143,014	1/2	131,484	1/2	119,954	1/2	108,425	1/2	96,895	1/2	85,365	1/2	73,835	1/2	62,305
3/4		3/4	154,304	3/4	142,774	3/4	131,244	3/4	119,714	3/4	108,184	3/4	96,654	3/4	85,124	3/4	73,594	3/4	62,064
9		9	154,064	9	142,534	9	131,004	9	119,474	9	107,944	9	96,414	9	84,884	9	73,354	9	61,824
1/4		1/4	153,824	1/4	142,294	1/4	130,764	1/4	119,234	1/4	107,704	1/4	96,174	1/4	84,644	1/4	73,114	1/4	61,584
1/2		1/2	153,584	1/2	142,054	1/2	130,524	1/2	118,994	1/2	107,464	1/2	95,934	1/2	84,404	1/2	72,874	1/2	61,344
3/4		3/4	153,343	3/4	141,813	3/4	130,283	3/4	118,753	3/4	107,223	3/4	95,693	3/4	84,163	3/4	72,633	3/4	61,104
10		10	153,103	10	141,573	10	130,043	10	118,513	10	106,983	10	95,453	10	83,923	10	72,393	10	60,863
1/4		1/4	152,863	1/4	141,333	1/4	129,803	1/4	118,273	1/4	106,743	1/4	95,213	1/4	83,683	1/4	72,153	1/4	60,623
1/2		1/2	152,623	1/2	141,093	1/2	129,563	1/2	118,033	1/2	106,503	1/2	94,973	1/2	83,443	1/2	71,913	1/2	60,383
3/4		3/4	152,383	3/4	140,853	3/4	129,323	3/4	117,793	3/4	106,263	3/4	94,733	3/4	83,203	3/4	71,673	3/4	60,143
11		11	152,142	11	140,612	11	129,082	11	117,552	11	106,022	11	94,492	11	82,962	11	71,432	11	59,902
1/4		1/4	151,902	1/4	140,372	1/4	128,842	1/4	117,312	1/4	105,782	1/4	94,252	1/4	82,722	1/4	71,192	1/4	59,662
1/2		1/2	151,662	1/2	140,132	1/2	128,602	1/2	117,072	1/2	105,542	1/2	94,012	1/2	82,482	1/2	70,952	1/2	59,422
3/4		3/4	151,422	3/4	139,892	3/4	128,362	3/4	116,832	3/4	105,302	3/4	93,772	3/4	82,242	3/4	70,712	3/4	59,182

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 1961"

2 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	58,942	0	47,412	0	35,906	0	24,635	0	13,105	0	1,610	0		0		0		0	
1/4	58,701	1/4	47,171	1/4	35,673	1/4	24,395	1/4	12,865	1/4	1,396	1/4		1/4		1/4		1/4	
1/2	58,461	1/2	46,931	1/2	35,440	1/2	24,155	1/2	12,625	1/2	1,181	1/2		1/2		1/2		1/2	
3/4	58,221	3/4	46,691	3/4	35,207	3/4	23,914	3/4	12,385	3/4	967	3/4		3/4		3/4		3/4	
1	57,981	1	46,451	1	34,974	1	23,674	1	12,145	1	817	1		1		1		1	
1/4	57,741	1/4	46,211	1/4	34,740	1/4	23,434	1/4	11,904	1/4	667	1/4		1/4		1/4		1/4	
1/2	57,500	1/2	45,970	1/2	34,507	1/2	23,194	1/2	11,664	1/2	517	1/2		1/2		1/2		1/2	
3/4	57,260	3/4	45,730	3/4	34,274	3/4	22,954	3/4	11,424	3/4	367	3/4		3/4		3/4		3/4	
2	57,020	2	45,490	2	34,041	2	22,713	2	11,184	2	296	2		2		2		2	
1/4	56,780	1/4	45,250	1/4	33,808	1/4	22,473	1/4	10,944	1/4	226	1/4		1/4		1/4		1/4	
1/2	56,540	1/2	45,010	1/2	33,575	1/2	22,233	1/2	10,703	1/2	156	1/2		1/2		1/2		1/2	
3/4	56,299	3/4	44,769	3/4	33,342	3/4	21,993	3/4	10,463	3/4	86	3/4		3/4		3/4		3/4	
3	56,059	3	44,529	3	33,109	3	21,753	3	10,223	3		3		3		3		3	
1/4	55,819	1/4	44,289	1/4	32,876	1/4	21,512	1/4	9,983	1/4		1/4		1/4		1/4		1/4	
1/2	55,579	1/2	44,049	1/2	32,642	1/2	21,272	1/2	9,743	1/2		1/2		1/2		1/2		1/2	
3/4	55,339	3/4	43,809	3/4	32,409	3/4	21,032	3/4	9,502	3/4		3/4		3/4		3/4		3/4	
4	55,098	4	43,568	4	32,176	4	20,792	4	9,262	4		4		4		4		4	
1/4	54,858	1/4	43,328	1/4	31,943	1/4	20,552	1/4	9,022	1/4		1/4		1/4		1/4		1/4	
1/2	54,618	1/2	43,088	1/2	31,710	1/2	20,311	1/2	8,782	1/2		1/2		1/2		1/2		1/2	
3/4	54,378	3/4	42,848	3/4	31,477	3/4	20,071	3/4	8,542	3/4		3/4		3/4		3/4		3/4	
5	54,137	5	42,608	5	31,244	5	19,831	5	8,301	5		5		5		5		5	
1/4	53,897	1/4	42,367	1/4	31,011	1/4	19,591	1/4	8,061	1/4		1/4		1/4		1/4		1/4	
1/2	53,657	1/2	42,127	1/2	30,777	1/2	19,351	1/2	7,821	1/2		1/2		1/2		1/2		1/2	
3/4	53,417	3/4	41,887	3/4	30,544	3/4	19,110	3/4	7,581	3/4		3/4		3/4		3/4		3/4	
6	53,177	6	41,647	6	30,311	6	18,870	6	7,341	6		6		6		6		6	
1/4	52,936	1/4	41,406	1/4	30,078	1/4	18,630	1/4	7,101	1/4		1/4		1/4		1/4		1/4	
1/2	52,696	1/2	41,166	1/2	29,845	1/2	18,390	1/2	6,860	1/2		1/2		1/2		1/2		1/2	
3/4	52,456	3/4	40,926	3/4	29,612	3/4	18,150	3/4	6,620	3/4		3/4		3/4		3/4		3/4	
7	52,216	7	40,686	7	29,379	7	17,909	7	6,380	7		7		7		7		7	
1/4	51,976	1/4	40,446	1/4	29,146	1/4	17,669	1/4	6,140	1/4		1/4		1/4		1/4		1/4	
1/2	51,735	1/2	40,205	1/2	28,913	1/2	17,429	1/2	5,900	1/2		1/2		1/2		1/2		1/2	
3/4	51,495	3/4	39,965	3/4	28,679	3/4	17,189	3/4	5,659	3/4		3/4		3/4		3/4		3/4	
8	51,255	8	39,725	8	28,446	8	16,949	8	5,419	8		8		8		8		8	
1/4	51,015	1/4	39,485	1/4	28,213	1/4	16,708	1/4	5,179	1/4		1/4		1/4		1/4		1/4	
1/2	50,775	1/2	39,245	1/2	27,980	1/2	16,468	1/2	4,939	1/2		1/2		1/2		1/2		1/2	
3/4	50,534	3/4	39,004	3/4	27,747	3/4	16,228	3/4	4,699	3/4		3/4		3/4		3/4		3/4	
9	50,294	9	38,764	9	27,509	9	15,988	9	4,459	9		9		9		9		9	
1/4	50,054	1/4	38,524	1/4	27,272	1/4	15,748	1/4	4,218	1/4		1/4		1/4		1/4		1/4	
1/2	49,814	1/2	38,284	1/2	27,034	1/2	15,507	1/2	3,978	1/2		1/2		1/2		1/2		1/2	
3/4	49,574	3/4	38,044	3/4	26,797	3/4	15,267	3/4	3,738	3/4		3/4		3/4		3/4		3/4	
10	49,333	10	37,803	10	26,557	10	15,027	10	3,498	10		10		10		10		10	
1/4	49,093	1/4	37,563	1/4	26,316	1/4	14,787	1/4	3,258	1/4		1/4		1/4		1/4		1/4	
1/2	48,853	1/2	37,323	1/2	26,076	1/2	14,547	1/2	3,019	1/2		1/2		1/2		1/2		1/2	
3/4	48,613	3/4	37,083	3/4	25,836	3/4	14,306	3/4	2,779	3/4		3/4		3/4		3/4		3/4	
11	48,373	11	36,847	11	25,596	11	14,066	11	2,540	11		11		11		11		11	
1/4	48,132	1/4	36,611	1/4	25,356	1/4	13,826	1/4	2,302	1/4		1/4		1/4		1/4		1/4	
1/2	47,892	1/2	36,375	1/2	25,115	1/2	13,586	1/2	2,063	1/2		1/2		1/2		1/2		1/2	
3/4	47,652	3/4	36,139	3/4	24,875	3/4	13,346	3/4	1,824	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 77588
<http://www.pmacorp.net>



BARGE "IB 1961"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	160,720	0	150,322	0	138,860	0	127,397	0	115,935	0	104,472	0	93,009	0	81,547	0	70,084
1/4		1/4	160,671	1/4	150,083	1/4	138,621	1/4	127,158	1/4	115,696	1/4	104,233	1/4	92,771	1/4	81,308	1/4	69,846
1/2		1/2	160,621	1/2	149,844	1/2	138,382	1/2	126,919	1/2	115,457	1/2	103,994	1/2	92,532	1/2	81,069	1/2	69,607
3/4		3/4	160,502	3/4	149,606	3/4	138,143	3/4	126,681	3/4	115,218	3/4	103,756	3/4	92,293	3/4	80,831	3/4	69,368
1		1	160,383	1	149,367	1	137,904	1	126,442	1	114,979	1	103,517	1	92,054	1	80,592	1	69,129
1/4		1/4	160,263	1/4	149,128	1/4	137,666	1/4	126,203	1/4	114,740	1/4	103,278	1/4	91,815	1/4	80,353	1/4	68,890
1/2		1/2	160,144	1/2	148,889	1/2	137,427	1/2	125,964	1/2	114,502	1/2	103,039	1/2	91,577	1/2	80,114	1/2	68,652
3/4		3/4	159,949	3/4	148,650	3/4	137,188	3/4	125,725	3/4	114,263	3/4	102,800	3/4	91,338	3/4	79,875	3/4	68,413
2		2	159,754	2	148,412	2	136,949	2	125,487	2	114,024	2	102,562	2	91,099	2	79,637	2	68,174
1/4		1/4	159,560	1/4	148,173	1/4	136,710	1/4	125,248	1/4	113,785	1/4	102,323	1/4	90,860	1/4	79,398	1/4	67,935
1/2		1/2	159,365	1/2	147,934	1/2	136,472	1/2	125,009	1/2	113,546	1/2	102,084	1/2	90,621	1/2	79,159	1/2	67,696
3/4		3/4	159,133	3/4	147,695	3/4	136,233	3/4	124,770	3/4	113,308	3/4	101,845	3/4	90,383	3/4	78,920	3/4	67,458
3		3	158,901	3	147,456	3	135,994	3	124,531	3	113,069	3	101,606	3	90,144	3	78,681	3	67,219
1/4		1/4	158,670	1/4	147,218	1/4	135,755	1/4	124,293	1/4	112,830	1/4	101,368	1/4	89,905	1/4	78,443	1/4	66,980
1/2		1/2	158,438	1/2	146,979	1/2	135,516	1/2	124,054	1/2	112,591	1/2	101,129	1/2	89,666	1/2	78,204	1/2	66,741
3/4		3/4	158,200	3/4	146,740	3/4	135,277	3/4	123,815	3/4	112,352	3/4	100,890	3/4	89,427	3/4	77,965	3/4	66,502
4		4	157,962	4	146,501	4	135,039	4	123,576	4	112,114	4	100,651	4	89,189	4	77,726	4	66,264
1/4		1/4	157,724	1/4	146,262	1/4	134,800	1/4	123,337	1/4	111,875	1/4	100,412	1/4	88,950	1/4	77,487	1/4	66,025
1/2		1/2	157,486	1/2	146,024	1/2	134,561	1/2	123,099	1/2	111,636	1/2	100,174	1/2	88,711	1/2	77,249	1/2	65,786
3/4		3/4	157,247	3/4	145,785	3/4	134,322	3/4	122,860	3/4	111,397	3/4	99,935	3/4	88,472	3/4	77,010	3/4	65,547
5		5	157,008	5	145,546	5	134,083	5	122,621	5	111,158	5	99,696	5	88,233	5	76,771	5	65,308
1/4		1/4	156,770	1/4	145,307	1/4	133,845	1/4	122,382	1/4	110,920	1/4	99,457	1/4	87,995	1/4	76,532	1/4	65,070
1/2		1/2	156,531	1/2	145,068	1/2	133,606	1/2	122,143	1/2	110,681	1/2	99,218	1/2	87,756	1/2	76,293	1/2	64,831
3/4		3/4	156,292	3/4	144,830	3/4	133,367	3/4	121,905	3/4	110,442	3/4	98,980	3/4	87,517	3/4	76,055	3/4	64,592
6		6	156,053	6	144,591	6	133,128	6	121,666	6	110,203	6	98,741	6	87,278	6	75,816	6	64,353
1/4		1/4	155,815	1/4	144,352	1/4	132,889	1/4	121,427	1/4	109,964	1/4	98,502	1/4	87,039	1/4	75,577	1/4	64,114
1/2		1/2	155,576	1/2	144,113	1/2	132,651	1/2	121,188	1/2	109,726	1/2	98,263	1/2	86,801	1/2	75,338	1/2	63,876
3/4		3/4	155,337	3/4	143,874	3/4	132,412	3/4	120,949	3/4	109,487	3/4	98,024	3/4	86,562	3/4	75,099	3/4	63,637
7		7	155,098	7	143,636	7	132,173	7	120,711	7	109,248	7	97,786	7	86,323	7	74,860	7	63,398
1/4		1/4	154,859	1/4	143,397	1/4	131,934	1/4	120,472	1/4	109,009	1/4	97,547	1/4	86,084	1/4	74,622	1/4	63,159
1/2		1/2	154,620	1/2	143,158	1/2	131,695	1/2	120,233	1/2	108,770	1/2	97,308	1/2	85,845	1/2	74,383	1/2	62,920
3/4		3/4	154,382	3/4	142,919	3/4	131,457	3/4	119,994	3/4	108,532	3/4	97,069	3/4	85,607	3/4	74,144	3/4	62,682
8		8	154,143	8	142,680	8	131,218	8	119,755	8	108,293	8	96,830	8	85,368	8	73,905	8	62,443
1/4		1/4	153,904	1/4	142,442	1/4	130,979	1/4	119,517	1/4	108,054	1/4	96,592	1/4	85,129	1/4	73,666	1/4	62,204
1/2		1/2	153,665	1/2	142,203	1/2	130,740	1/2	119,278	1/2	107,815	1/2	96,353	1/2	84,890	1/2	73,428	1/2	61,965
3/4		3/4	153,426	3/4	141,964	3/4	130,501	3/4	119,039	3/4	107,576	3/4	96,114	3/4	84,651	3/4	73,189	3/4	61,726
9		9	153,188	9	141,725	9	130,263	9	118,800	9	107,338	9	95,875	9	84,413	9	72,950	9	61,488
1/4		1/4	152,949	1/4	141,486	1/4	130,024	1/4	118,561	1/4	107,099	1/4	95,636	1/4	84,174	1/4	72,711	1/4	61,249
1/2		1/2	152,710	1/2	141,248	1/2	129,785	1/2	118,323	1/2	106,860	1/2	95,397	1/2	83,935	1/2	72,472	1/2	61,010
3/4		3/4	152,471	3/4	141,009	3/4	129,546	3/4	118,084	3/4	106,621	3/4	95,159	3/4	83,696	3/4	72,234	3/4	60,771
10		10	152,232	10	140,770	10	129,307	10	117,845	10	106,382	10	94,920	10	83,457	10	71,995	10	60,532
1/4		1/4	151,994	1/4	140,531	1/4	129,069	1/4	117,606	1/4	106,144	1/4	94,681	1/4	83,219	1/4	71,756	1/4	60,294
1/2		1/2	151,755	1/2	140,292	1/2	128,830	1/2	117,367	1/2	105,905	1/2	94,442	1/2	82,980	1/2	71,517	1/2	60,055
3/4		3/4	151,516	3/4	140,054	3/4	128,591	3/4	117,129	3/4	105,666	3/4	94,203	3/4	82,741	3/4	71,278	3/4	59,816
11		11	151,277	11	139,815	11	128,352	11	116,890	11	105,427	11	93,965	11	82,502	11	71,040	11	59,577
1/4		1/4	151,038	1/4	139,576	1/4	128,113	1/4	116,651	1/4	105,188	1/4	93,726	1/4	82,263	1/4	70,801	1/4	59,338
1/2	160,818	1/2	150,800	1/2	139,337	1/2	127,875	1/2	116,412	1/2	104,950	1/2	93,487	1/2	82,025	1/2	70,562	1/2	59,100
3/4	160,769	3/4	150,561	3/4	139,098	3/4	127,636	3/4	116,173	3/4	104,711	3/4	93,248	3/4	81,786	3/4	70,323	3/4	58,861

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 1961"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 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	58,622	0	47,159	0	35,699	0	24,252	0	12,790	0	1,388	0		0		0		0	
1/4	58,383	1/4	46,921	1/4	35,460	1/4	24,013	1/4	12,551	1/4	1,174	1/4		1/4		1/4		1/4	
1/2	58,144	1/2	46,682	1/2	35,222	1/2	23,775	1/2	12,313	1/2	961	1/2		1/2		1/2		1/2	
3/4	57,906	3/4	46,443	3/4	34,983	3/4	23,536	3/4	12,074	3/4	812	3/4		3/4		3/4		3/4	
1	57,667	1	46,204	1	34,745	1	23,297	1	11,835	1	663	1		1		1		1	
1/4	57,428	1/4	45,965	1/4	34,507	1/4	23,058	1/4	11,596	1/4	514	1/4		1/4		1/4		1/4	
1/2	57,189	1/2	45,727	1/2	34,268	1/2	22,819	1/2	11,357	1/2	365	1/2		1/2		1/2		1/2	
3/4	56,950	3/4	45,488	3/4	34,030	3/4	22,581	3/4	11,119	3/4	295	3/4		3/4		3/4		3/4	
2	56,712	2	45,249	2	33,792	2	22,342	2	10,880	2	225	2		2		2		2	
1/4	56,473	1/4	45,010	1/4	33,553	1/4	22,103	1/4	10,641	1/4	156	1/4		1/4		1/4		1/4	
1/2	56,234	1/2	44,771	1/2	33,315	1/2	21,864	1/2	10,402	1/2	86	1/2		1/2		1/2		1/2	
3/4	55,995	3/4	44,533	3/4	33,077	3/4	21,626	3/4	10,163	3/4		3/4		3/4		3/4		3/4	
3	55,756	3	44,294	3	32,838	3	21,387	3	9,925	3		3		3		3		3	
1/4	55,517	1/4	44,055	1/4	32,600	1/4	21,148	1/4	9,686	1/4		1/4		1/4		1/4		1/4	
1/2	55,279	1/2	43,816	1/2	32,362	1/2	20,909	1/2	9,447	1/2		1/2		1/2		1/2		1/2	
3/4	55,040	3/4	43,577	3/4	32,123	3/4	20,670	3/4	9,208	3/4		3/4		3/4		3/4		3/4	
4	54,801	4	43,339	4	31,885	4	20,432	4	8,969	4		4		4		4		4	
1/4	54,562	1/4	43,100	1/4	31,647	1/4	20,193	1/4	8,731	1/4		1/4		1/4		1/4		1/4	
1/2	54,323	1/2	42,861	1/2	31,408	1/2	19,954	1/2	8,492	1/2		1/2		1/2		1/2		1/2	
3/4	54,085	3/4	42,622	3/4	31,170	3/4	19,715	3/4	8,253	3/4		3/4		3/4		3/4		3/4	
5	53,846	5	42,383	5	30,932	5	19,476	5	8,014	5		5		5		5		5	
1/4	53,607	1/4	42,145	1/4	30,693	1/4	19,238	1/4	7,776	1/4		1/4		1/4		1/4		1/4	
1/2	53,368	1/2	41,906	1/2	30,455	1/2	18,999	1/2	7,537	1/2		1/2		1/2		1/2		1/2	
3/4	53,129	3/4	41,667	3/4	30,216	3/4	18,760	3/4	7,298	3/4		3/4		3/4		3/4		3/4	
6	52,891	6	41,428	6	29,978	6	18,521	6	7,059	6		6		6		6		6	
1/4	52,652	1/4	41,189	1/4	29,740	1/4	18,282	1/4	6,820	1/4		1/4		1/4		1/4		1/4	
1/2	52,413	1/2	40,951	1/2	29,501	1/2	18,044	1/2	6,582	1/2		1/2		1/2		1/2		1/2	
3/4	52,174	3/4	40,712	3/4	29,263	3/4	17,805	3/4	6,343	3/4		3/4		3/4		3/4		3/4	
7	51,935	7	40,473	7	29,025	7	17,566	7	6,104	7		7		7		7		7	
1/4	51,697	1/4	40,234	1/4	28,786	1/4	17,327	1/4	5,865	1/4		1/4		1/4		1/4		1/4	
1/2	51,458	1/2	39,995	1/2	28,548	1/2	17,088	1/2	5,627	1/2		1/2		1/2		1/2		1/2	
3/4	51,219	3/4	39,757	3/4	28,310	3/4	16,850	3/4	5,388	3/4		3/4		3/4		3/4		3/4	
8	50,980	8	39,518	8	28,071	8	16,611	8	5,149	8		8		8		8		8	
1/4	50,741	1/4	39,279	1/4	27,833	1/4	16,372	1/4	4,910	1/4		1/4		1/4		1/4		1/4	
1/2	50,503	1/2	39,040	1/2	27,595	1/2	16,133	1/2	4,671	1/2		1/2		1/2		1/2		1/2	
3/4	50,264	3/4	38,801	3/4	27,356	3/4	15,894	3/4	4,433	3/4		3/4		3/4		3/4		3/4	
9	50,025	9	38,563	9	27,117	9	15,656	9	4,194	9		9		9		9		9	
1/4	49,786	1/4	38,324	1/4	26,879	1/4	15,417	1/4	3,955	1/4		1/4		1/4		1/4		1/4	
1/2	49,547	1/2	38,085	1/2	26,640	1/2	15,178	1/2	3,716	1/2		1/2		1/2		1/2		1/2	
3/4	49,309	3/4	37,846	3/4	26,401	3/4	14,939	3/4	3,478	3/4		3/4		3/4		3/4		3/4	
10	49,070	10	37,607	10	26,163	10	14,701	10	3,240	10		10		10		10		10	
1/4	48,831	1/4	37,369	1/4	25,924	1/4	14,462	1/4	3,001	1/4		1/4		1/4		1/4		1/4	
1/2	48,592	1/2	37,130	1/2	25,685	1/2	14,223	1/2	2,763	1/2		1/2		1/2		1/2		1/2	
3/4	48,353	3/4	36,891	3/4	25,446	3/4	13,984	3/4	2,526	3/4		3/4		3/4		3/4		3/4	
11	48,115	11	36,653	11	25,207	11	13,745	11	2,288	11		11		11		11		11	
1/4	47,876	1/4	36,414	1/4	24,969	1/4	13,507	1/4	2,051	1/4		1/4		1/4		1/4		1/4	
1/2	47,637	1/2	36,175	1/2	24,730	1/2	13,268	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	47,398	3/4	35,937	3/4	24,491	3/4	13,029	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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P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>