



BARGE "IB 1080"

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	00-1/4	- 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
2 CENTER	- 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	- 00-5/8	00-5/8
3 CENTER	- 00-1/4	00-2/8	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-00"

July 22, 2015

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "IB 1080"

1 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	168,342	0	157,470	0	146,789	0	136,108	0	125,427	0	113,677	0	101,192	0	88,708	0	76,223
1/4		1/4	168,289	1/4	157,248	1/4	146,567	1/4	135,885	1/4	125,204	1/4	113,416	1/4	100,932	1/4	88,448	1/4	75,963
1/2		1/2	168,235	1/2	157,025	1/2	146,344	1/2	135,663	1/2	124,981	1/2	113,156	1/2	100,672	1/2	88,188	1/2	75,703
3/4		3/4	168,105	3/4	156,803	3/4	146,122	3/4	135,440	3/4	124,759	3/4	112,896	3/4	100,412	3/4	87,928	3/4	75,443
1		1	167,975	1	156,580	1	145,899	1	135,218	1	124,536	1	112,636	1	100,152	1	87,668	1	75,183
1/4		1/4	167,844	1/4	156,358	1/4	145,677	1/4	134,995	1/4	124,314	1/4	112,376	1/4	99,892	1/4	87,408	1/4	74,923
1/2		1/2	167,714	1/2	156,135	1/2	145,454	1/2	134,773	1/2	124,091	1/2	112,116	1/2	99,632	1/2	87,148	1/2	74,663
3/4		3/4	167,501	3/4	155,913	3/4	145,231	3/4	134,550	3/4	123,869	3/4	111,856	3/4	99,372	3/4	86,887	3/4	74,403
2		2	167,289	2	155,690	2	145,009	2	134,328	2	123,646	2	111,596	2	99,112	2	86,627	2	74,143
1/4		1/4	167,076	1/4	155,468	1/4	144,786	1/4	134,105	1/4	123,424	1/4	111,336	1/4	98,851	1/4	86,367	1/4	73,883
1/2		1/2	166,864	1/2	155,245	1/2	144,564	1/2	133,883	1/2	123,201	1/2	111,076	1/2	98,591	1/2	86,107	1/2	73,622
3/4		3/4	166,611	3/4	155,023	3/4	144,341	3/4	133,660	3/4	122,979	3/4	110,815	3/4	98,331	3/4	85,847	3/4	73,362
3		3	166,358	3	154,800	3	144,119	3	133,438	3	122,756	3	110,555	3	98,071	3	85,587	3	73,102
1/4		1/4	166,105	1/4	154,578	1/4	143,896	1/4	133,215	1/4	122,534	1/4	110,295	1/4	97,811	1/4	85,327	1/4	72,842
1/2		1/2	165,852	1/2	154,355	1/2	143,674	1/2	132,992	1/2	122,311	1/2	110,035	1/2	97,551	1/2	85,067	1/2	72,582
3/4		3/4	165,592	3/4	154,133	3/4	143,451	3/4	132,770	3/4	122,089	3/4	109,775	3/4	97,291	3/4	84,807	3/4	72,322
4		4	165,332	4	153,910	4	143,229	4	132,547	4	121,867	4	109,515	4	97,031	4	84,547	4	72,062
1/4		1/4	165,072	1/4	153,688	1/4	143,006	1/4	132,325	1/4	121,645	1/4	109,255	1/4	96,771	1/4	84,286	1/4	71,802
1/2		1/2	164,812	1/2	153,465	1/2	142,784	1/2	132,102	1/2	121,422	1/2	108,995	1/2	96,511	1/2	84,026	1/2	71,542
3/4		3/4	164,552	3/4	153,242	3/4	142,561	3/4	131,880	3/4	121,177	3/4	108,735	3/4	96,251	3/4	83,766	3/4	71,282
5		5	164,291	5	153,020	5	142,339	5	131,657	5	120,931	5	108,475	5	95,991	5	83,506	5	71,022
1/4		1/4	164,031	1/4	152,797	1/4	142,116	1/4	131,435	1/4	120,685	1/4	108,214	1/4	95,731	1/4	83,246	1/4	70,763
1/2		1/2	163,770	1/2	152,575	1/2	141,894	1/2	131,212	1/2	120,439	1/2	107,954	1/2	95,471	1/2	82,986	1/2	70,503
3/4		3/4	163,510	3/4	152,352	3/4	141,671	3/4	130,990	3/4	120,179	3/4	107,694	3/4	95,210	3/4	82,726	3/4	70,243
6		6	163,249	6	152,130	6	141,449	6	130,767	6	119,919	6	107,434	6	94,950	6	82,466	6	69,984
1/4		1/4	162,988	1/4	151,907	1/4	141,226	1/4	130,545	1/4	119,659	1/4	107,174	1/4	94,690	1/4	82,206	1/4	69,724
1/2		1/2	162,728	1/2	151,685	1/2	141,003	1/2	130,322	1/2	119,399	1/2	106,914	1/2	94,430	1/2	81,946	1/2	69,465
3/4		3/4	162,467	3/4	151,462	3/4	140,781	3/4	130,100	3/4	119,139	3/4	106,654	3/4	94,170	3/4	81,685	3/4	69,205
7		7	162,207	7	151,240	7	140,558	7	129,877	7	118,878	7	106,394	7	93,910	7	81,425	7	68,946
1/4		1/4	161,946	1/4	151,017	1/4	140,336	1/4	129,655	1/4	118,618	1/4	106,134	1/4	93,650	1/4	81,165	1/4	68,686
1/2		1/2	161,685	1/2	150,795	1/2	140,113	1/2	129,432	1/2	118,358	1/2	105,874	1/2	93,390	1/2	80,905	1/2	68,427
3/4		3/4	161,425	3/4	150,572	3/4	139,891	3/4	129,210	3/4	118,098	3/4	105,614	3/4	93,130	3/4	80,645	3/4	68,167
8		8	161,164	8	150,350	8	139,668	8	128,987	8	117,838	8	105,353	8	92,870	8	80,385	8	67,908
1/4		1/4	160,904	1/4	150,127	1/4	139,446	1/4	128,764	1/4	117,578	1/4	105,093	1/4	92,610	1/4	80,125	1/4	67,648
1/2		1/2	160,643	1/2	149,905	1/2	139,223	1/2	128,542	1/2	117,318	1/2	104,833	1/2	92,349	1/2	79,865	1/2	67,389
3/4		3/4	160,406	3/4	149,682	3/4	139,001	3/4	128,319	3/4	117,058	3/4	104,573	3/4	92,089	3/4	79,605	3/4	67,129
9		9	160,169	9	149,460	9	138,778	9	128,097	9	116,798	9	104,313	9	91,829	9	79,345	9	66,870
1/4		1/4	159,933	1/4	149,237	1/4	138,556	1/4	127,874	1/4	116,538	1/4	104,053	1/4	91,569	1/4	79,084	1/4	66,610
1/2		1/2	159,696	1/2	149,014	1/2	138,333	1/2	127,652	1/2	116,277	1/2	103,793	1/2	91,309	1/2	78,824	1/2	66,351
3/4		3/4	159,473	3/4	148,792	3/4	138,111	3/4	127,429	3/4	116,017	3/4	103,533	3/4	91,049	3/4	78,564	3/4	66,091
10		10	159,251	10	148,569	10	137,888	10	127,207	10	115,757	10	103,273	10	90,789	10	78,304	10	65,832
1/4		1/4	159,028	1/4	148,347	1/4	137,666	1/4	126,984	1/4	115,497	1/4	103,013	1/4	90,529	1/4	78,044	1/4	65,572
1/2		1/2	158,806	1/2	148,124	1/2	137,443	1/2	126,762	1/2	115,237	1/2	102,753	1/2	90,269	1/2	77,784	1/2	65,313
3/4		3/4	158,583	3/4	147,902	3/4	137,220	3/4	126,539	3/4	114,977	3/4	102,492	3/4	90,009	3/4	77,524	3/4	65,053
11		11	158,361	11	147,679	11	136,998	11	126,317	11	114,717	11	102,232	11	89,748	11	77,264	11	64,794
1/4		1/4	158,138	1/4	147,457	1/4	136,775	1/4	126,094	1/4	114,457	1/4	101,972	1/4	89,488	1/4	77,004	1/4	64,534
1/2		1/2	157,916	1/2	147,234	1/2	136,553	1/2	125,872	1/2	114,197	1/2	101,712	1/2	89,228	1/2	76,744	1/2	64,275
3/4		3/4	157,693	3/4	147,012	3/4	136,330	3/4	125,649	3/4	113,937	3/4	101,452	3/4	88,968	3/4	76,484	3/4	64,015

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 1080"

1 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	63,756	0	51,283	0	38,832	0	26,574	0	14,089	0	1,655	0		0		0		0	
1/4	63,496	1/4	51,023	1/4	38,579	1/4	26,314	1/4	13,828	1/4	1,423	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,237	1/2	50,763	1/2	38,325	1/2	26,053	1/2	13,568	1/2	1,190	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,977	3/4	50,503	3/4	38,071	3/4	25,793	3/4	13,308	3/4	1,027	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	62,718	1	50,243	1	37,817	1	25,533	1	13,048	1	864	1	1	1	1	1	1	1	1
1/4	62,458	1/4	49,983	1/4	37,564	1/4	25,273	1/4	12,788	1/4	702	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,199	1/2	49,723	1/2	37,310	1/2	25,013	1/2	12,528	1/2	539	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,939	3/4	49,463	3/4	37,056	3/4	24,753	3/4	12,268	3/4	463	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	61,680	2	49,203	2	36,802	2	24,493	2	12,008	2	387	2	2	2	2	2	2	2	2
1/4	61,420	1/4	48,943	1/4	36,549	1/4	24,233	1/4	11,747	1/4	311	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,161	1/2	48,683	1/2	36,295	1/2	23,973	1/2	11,487	1/2	235	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,901	3/4	48,423	3/4	36,041	3/4	23,712	3/4	11,227	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	60,641	3	48,163	3	35,787	3	23,452	3	10,967	3		3	3	3	3	3	3	3	3
1/4	60,382	1/4	47,903	1/4	35,534	1/4	23,192	1/4	10,707	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,122	1/2	47,643	1/2	35,280	1/2	22,932	1/2	10,447	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,862	3/4	47,383	3/4	35,026	3/4	22,672	3/4	10,187	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	59,602	4	47,123	4	34,773	4	22,412	4	9,926	4	4	4	4	4	4	4	4	4	4
1/4	59,342	1/4	46,863	1/4	34,519	1/4	22,152	1/4	9,666	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,082	1/2	46,603	1/2	34,265	1/2	21,892	1/2	9,406	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,822	3/4	46,343	3/4	34,011	3/4	21,632	3/4	9,145	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	58,562	5	46,083	5	33,758	5	21,372	5	8,885	5	5	5	5	5	5	5	5	5	5
1/4	58,302	1/4	45,824	1/4	33,504	1/4	21,111	1/4	8,625	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,042	1/2	45,564	1/2	33,250	1/2	20,851	1/2	8,364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,782	3/4	45,304	3/4	32,997	3/4	20,591	3/4	8,104	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	57,522	6	45,044	6	32,743	6	20,331	6	7,844	6	6	6	6	6	6	6	6	6	6
1/4	57,262	1/4	44,784	1/4	32,489	1/4	20,071	1/4	7,584	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,002	1/2	44,524	1/2	32,235	1/2	19,811	1/2	7,323	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,742	3/4	44,264	3/4	31,982	3/4	19,551	3/4	7,063	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	56,482	7	44,004	7	31,728	7	19,291	7	6,803	7	7	7	7	7	7	7	7	7	7
1/4	56,222	1/4	43,744	1/4	31,474	1/4	19,031	1/4	6,542	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,962	1/2	43,484	1/2	31,220	1/2	18,770	1/2	6,282	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,702	3/4	43,224	3/4	30,967	3/4	18,510	3/4	6,021	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	55,442	8	42,964	8	30,713	8	18,250	8	5,761	8	8	8	8	8	8	8	8	8	8
1/4	55,182	1/4	42,704	1/4	30,459	1/4	17,990	1/4	5,500	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,922	1/2	42,444	1/2	30,206	1/2	17,730	1/2	5,240	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,662	3/4	42,184	3/4	29,948	3/4	17,470	3/4	4,979	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	54,402	9	41,924	9	29,690	9	17,210	9	4,719	9	9	9	9	9	9	9	9	9	9
1/4	54,142	1/4	41,664	1/4	29,432	1/4	16,950	1/4	4,458	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,883	1/2	41,404	1/2	29,175	1/2	16,690	1/2	4,198	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,623	3/4	41,144	3/4	28,915	3/4	16,429	3/4	3,937	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	53,363	10	40,884	10	28,654	10	16,169	10	3,677	10	10	10	10	10	10	10	10	10	10
1/4	53,103	1/4	40,624	1/4	28,394	1/4	15,909	1/4	3,417	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,843	1/2	40,364	1/2	28,134	1/2	15,649	1/2	3,157	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,583	3/4	40,108	3/4	27,874	3/4	15,389	3/4	2,898	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	52,323	11	39,852	11	27,614	11	15,129	11	2,639	11	11	11	11	11	11	11	11	11	11
1/4	52,063	1/4	39,596	1/4	27,354	1/4	14,869	1/4	2,380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,803	1/2	39,340	1/2	27,094	1/2	14,609	1/2	2,121	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,543	3/4	39,086	3/4	26,834	3/4	14,349	3/4	1,888	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: 07/22/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 CL

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 1080"

2 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	
0		0	154,888	0	145,224	0	134,168	0	123,111	0	112,055	0	100,998	0	89,942	0	78,886	0	67,829
1/4		1/4	154,841	1/4	144,994	1/4	133,937	1/4	122,881	1/4	111,825	1/4	100,768	1/4	89,712	1/4	78,655	1/4	67,599
1/2		1/2	154,794	1/2	144,763	1/2	133,707	1/2	122,651	1/2	111,594	1/2	100,538	1/2	89,481	1/2	78,425	1/2	67,368
3/4		3/4	154,746	3/4	144,533	3/4	133,477	3/4	122,420	3/4	111,364	3/4	100,307	3/4	89,251	3/4	78,195	3/4	67,138
1		1	154,699	1	144,303	1	133,246	1	122,190	1	111,134	1	100,077	1	89,021	1	77,964	1	66,908
1/4		1/4	154,584	1/4	144,072	1/4	133,016	1/4	121,960	1/4	110,903	1/4	99,847	1/4	88,790	1/4	77,734	1/4	66,677
1/2		1/2	154,469	1/2	143,842	1/2	132,786	1/2	121,729	1/2	110,673	1/2	99,616	1/2	88,560	1/2	77,504	1/2	66,447
3/4		3/4	154,353	3/4	143,612	3/4	132,555	3/4	121,499	3/4	110,442	3/4	99,386	3/4	88,330	3/4	77,273	3/4	66,217
2		2	154,238	2	143,381	2	132,325	2	121,269	2	110,212	2	99,156	2	88,099	2	77,043	2	65,986
1/4		1/4	154,050	1/4	143,151	1/4	132,095	1/4	121,038	1/4	109,982	1/4	98,925	1/4	87,869	1/4	76,813	1/4	65,756
1/2		1/2	153,862	1/2	142,921	1/2	131,864	1/2	120,808	1/2	109,751	1/2	98,695	1/2	87,639	1/2	76,582	1/2	65,526
3/4		3/4	153,674	3/4	142,690	3/4	131,634	3/4	120,578	3/4	109,521	3/4	98,465	3/4	87,408	3/4	76,352	3/4	65,295
3		3	153,486	3	142,460	3	131,404	3	120,347	3	109,291	3	98,234	3	87,178	3	76,121	3	65,065
1/4		1/4	153,263	1/4	142,230	1/4	131,173	1/4	120,117	1/4	109,060	1/4	98,004	1/4	86,948	1/4	75,891	1/4	64,835
1/2		1/2	153,039	1/2	141,999	1/2	130,943	1/2	119,887	1/2	108,830	1/2	97,774	1/2	86,717	1/2	75,661	1/2	64,604
3/4		3/4	152,816	3/4	141,769	3/4	130,713	3/4	119,656	3/4	108,600	3/4	97,543	3/4	86,487	3/4	75,430	3/4	64,374
4		4	152,592	4	141,539	4	130,482	4	119,426	4	108,369	4	97,313	4	86,257	4	75,200	4	64,144
1/4		1/4	152,362	1/4	141,308	1/4	130,252	1/4	119,195	1/4	108,139	1/4	97,083	1/4	86,026	1/4	74,970	1/4	63,913
1/2		1/2	152,133	1/2	141,078	1/2	130,022	1/2	118,965	1/2	107,909	1/2	96,852	1/2	85,796	1/2	74,739	1/2	63,683
3/4		3/4	151,903	3/4	140,848	3/4	129,791	3/4	118,735	3/4	107,678	3/4	96,622	3/4	85,566	3/4	74,509	3/4	63,453
5		5	151,673	5	140,617	5	129,561	5	118,504	5	107,448	5	96,392	5	85,335	5	74,279	5	63,222
1/4		1/4	151,443	1/4	140,387	1/4	129,331	1/4	118,274	1/4	107,218	1/4	96,161	1/4	85,105	1/4	74,048	1/4	62,992
1/2		1/2	151,213	1/2	140,157	1/2	129,100	1/2	118,044	1/2	106,987	1/2	95,931	1/2	84,874	1/2	73,818	1/2	62,762
3/4		3/4	150,983	3/4	139,926	3/4	128,870	3/4	117,813	3/4	106,757	3/4	95,701	3/4	84,644	3/4	73,588	3/4	62,531
6		6	150,752	6	139,696	6	128,640	6	117,583	6	106,527	6	95,470	6	84,414	6	73,357	6	62,301
1/4		1/4	150,522	1/4	139,466	1/4	128,409	1/4	117,353	1/4	106,296	1/4	95,240	1/4	84,183	1/4	73,127	1/4	62,071
1/2		1/2	150,292	1/2	139,235	1/2	128,179	1/2	117,122	1/2	106,066	1/2	95,010	1/2	83,953	1/2	72,897	1/2	61,840
3/4		3/4	150,061	3/4	139,005	3/4	127,948	3/4	116,892	3/4	105,836	3/4	94,779	3/4	83,723	3/4	72,666	3/4	61,610
7		7	149,831	7	138,775	7	127,718	7	116,662	7	105,605	7	94,549	7	83,492	7	72,436	7	61,380
1/4		1/4	149,601	1/4	138,544	1/4	127,488	1/4	116,431	1/4	105,375	1/4	94,319	1/4	83,262	1/4	72,206	1/4	61,149
1/2		1/2	149,370	1/2	138,314	1/2	127,257	1/2	116,201	1/2	105,145	1/2	94,088	1/2	83,032	1/2	71,975	1/2	60,919
3/4		3/4	149,140	3/4	138,084	3/4	127,027	3/4	115,971	3/4	104,914	3/4	93,858	3/4	82,801	3/4	71,745	3/4	60,689
8		8	148,910	8	137,853	8	126,797	8	115,740	8	104,684	8	93,627	8	82,571	8	71,515	8	60,458
1/4		1/4	148,679	1/4	137,623	1/4	126,566	1/4	115,510	1/4	104,454	1/4	93,397	1/4	82,341	1/4	71,284	1/4	60,228
1/2		1/2	148,449	1/2	137,393	1/2	126,336	1/2	115,280	1/2	104,223	1/2	93,167	1/2	82,110	1/2	71,054	1/2	59,998
3/4		3/4	148,219	3/4	137,162	3/4	126,106	3/4	115,049	3/4	103,993	3/4	92,936	3/4	81,880	3/4	70,824	3/4	59,767
9		9	147,988	9	136,932	9	125,875	9	114,819	9	103,763	9	92,706	9	81,650	9	70,593	9	59,537
1/4		1/4	147,758	1/4	136,702	1/4	125,645	1/4	114,589	1/4	103,532	1/4	92,476	1/4	81,419	1/4	70,363	1/4	59,306
1/2		1/2	147,528	1/2	136,471	1/2	125,415	1/2	114,358	1/2	103,302	1/2	92,245	1/2	81,189	1/2	70,133	1/2	59,076
3/4		3/4	147,297	3/4	136,241	3/4	125,184	3/4	114,128	3/4	103,072	3/4	92,015	3/4	80,959	3/4	69,902	3/4	58,846
10		10	147,067	10	136,010	10	124,954	10	113,898	10	102,841	10	91,785	10	80,728	10	69,672	10	58,615
1/4		1/4	146,837	1/4	135,780	1/4	124,724	1/4	113,667	1/4	102,611	1/4	91,554	1/4	80,498	1/4	69,442	1/4	58,385
1/2		1/2	146,606	1/2	135,550	1/2	124,493	1/2	113,437	1/2	102,380	1/2	91,324	1/2	80,268	1/2	69,211	1/2	58,155
3/4		3/4	146,376	3/4	135,319	3/4	124,263	3/4	113,207	3/4	102,150	3/4	91,094	3/4	80,037	3/4	68,981	3/4	57,924
11		11	146,146	11	135,089	11	124,033	11	112,976	11	101,920	11	90,863	11	79,807	11	68,751	11	57,694
1/4		1/4	145,915	1/4	134,859	1/4	123,802	1/4	112,746	1/4	101,689	1/4	90,633	1/4	79,577	1/4	68,520	1/4	57,464
1/2		1/2	145,685	1/2	134,628	1/2	123,572	1/2	112,516	1/2	101,459	1/2	90,403	1/2	79,346	1/2	68,290	1/2	57,233
3/4		3/4	145,455	3/4	134,398	3/4	123,342	3/4	112,285	3/4	101,229	3/4	90,172	3/4	79,116	3/4	68,059	3/4	57,003

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 25'-00" FORWARD OF AFT BULKHEAD

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





BARGE "IB 1080"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	56,773	0	45,716	0	34,675	0	23,855	0	12,799	0	1,751	0		0		0		0	
1/4	56,542	1/4	45,486	1/4	34,451	1/4	23,625	1/4	12,569	1/4	1,545	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,312	1/2	45,256	1/2	34,227	1/2	23,395	1/2	12,339	1/2	1,339	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,082	3/4	45,026	3/4	34,003	3/4	23,164	3/4	12,108	3/4	1,134	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	55,851	1	44,795	1	33,779	1	22,934	1	11,878	1	928	1	1	1	1	1	1	1	1
1/4	55,621	1/4	44,565	1/4	33,555	1/4	22,704	1/4	11,648	1/4	784	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,391	1/2	44,334	1/2	33,331	1/2	22,473	1/2	11,417	1/2	640	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,160	3/4	44,104	3/4	33,107	3/4	22,243	3/4	11,187	3/4	496	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	54,930	2	43,874	2	32,883	2	22,013	2	10,957	2	353	2	2	2	2	2	2	2	2
1/4	54,700	1/4	43,643	1/4	32,659	1/4	21,782	1/4	10,726	1/4	285	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,469	1/2	43,413	1/2	32,435	1/2	21,552	1/2	10,496	1/2	218	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,239	3/4	43,183	3/4	32,211	3/4	21,322	3/4	10,266	3/4	151	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	54,009	3	42,952	3	31,987	3	21,091	3	10,035	3	84	3	3	3	3	3	3	3	3
1/4	53,778	1/4	42,722	1/4	31,763	1/4	20,861	1/4	9,805	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,548	1/2	42,491	1/2	31,539	1/2	20,631	1/2	9,575	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,318	3/4	42,261	3/4	31,315	3/4	20,400	3/4	9,344	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	53,087	4	42,031	4	31,091	4	20,170	4	9,114	4		4	4	4	4	4	4	4	4
1/4	52,857	1/4	41,800	1/4	30,867	1/4	19,940	1/4	8,884	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52,627	1/2	41,570	1/2	30,643	1/2	19,709	1/2	8,653	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	52,396	3/4	41,340	3/4	30,419	3/4	19,479	3/4	8,423	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	52,166	5	41,109	5	30,194	5	19,249	5	8,193	5		5	5	5	5	5	5	5	5
1/4	51,936	1/4	40,879	1/4	29,970	1/4	19,018	1/4	7,962	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51,705	1/2	40,649	1/2	29,746	1/2	18,788	1/2	7,732	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	51,475	3/4	40,418	3/4	29,522	3/4	18,558	3/4	7,502	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	51,245	6	40,188	6	29,298	6	18,327	6	7,271	6		6	6	6	6	6	6	6	6
1/4	51,014	1/4	39,958	1/4	29,074	1/4	18,097	1/4	7,041	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	50,784	1/2	39,727	1/2	28,850	1/2	17,867	1/2	6,811	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	50,553	3/4	39,497	3/4	28,626	3/4	17,636	3/4	6,580	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	50,323	7	39,267	7	28,402	7	17,406	7	6,350	7		7	7	7	7	7	7	7	7
1/4	50,093	1/4	39,036	1/4	28,178	1/4	17,176	1/4	6,120	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	49,862	1/2	38,806	1/2	27,954	1/2	16,945	1/2	5,890	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	49,632	3/4	38,576	3/4	27,730	3/4	16,715	3/4	5,659	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	49,402	8	38,345	8	27,506	8	16,485	8	5,429	8		8	8	8	8	8	8	8	8
1/4	49,171	1/4	38,115	1/4	27,282	1/4	16,254	1/4	5,199	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,941	1/2	37,885	1/2	27,058	1/2	16,024	1/2	4,968	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	48,711	3/4	37,654	3/4	26,834	3/4	15,794	3/4	4,738	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	48,480	9	37,424	9	26,610	9	15,563	9	4,508	9		9	9	9	9	9	9	9	9
1/4	48,250	1/4	37,194	1/4	26,382	1/4	15,333	1/4	4,277	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	48,020	1/2	36,963	1/2	26,154	1/2	15,103	1/2	4,047	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	47,789	3/4	36,733	3/4	25,926	3/4	14,872	3/4	3,817	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	47,559	10	36,503	10	25,698	10	14,642	10	3,586	10		10	10	10	10	10	10	10	10
1/4	47,329	1/4	36,272	1/4	25,468	1/4	14,412	1/4	3,356	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	47,098	1/2	36,042	1/2	25,237	1/2	14,181	1/2	3,126	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46,868	3/4	35,812	3/4	25,007	3/4	13,951	3/4	2,896	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	46,638	11	35,581	11	24,777	11	13,721	11	2,667	11		11	11	11	11	11	11	11	11
1/4	46,407	1/4	35,355	1/4	24,546	1/4	13,490	1/4	2,438	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46,177	1/2	35,128	1/2	24,316	1/2	13,260	1/2	2,209	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45,947	3/4	34,902	3/4	24,086	3/4	13,030	3/4	1,980	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: 07/22/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 CL

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 1080"

3 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	
0		0	154,145	0	144,542	0	133,555	0	122,568	0	111,581	0	100,595	0	89,608	0	78,621	0	67,634
1/4		1/4	154,098	1/4	144,313	1/4	133,326	1/4	122,339	1/4	111,352	1/4	100,366	1/4	89,379	1/4	78,392	1/4	67,405
1/2		1/2	154,051	1/2	144,084	1/2	133,097	1/2	122,110	1/2	111,124	1/2	100,137	1/2	89,150	1/2	78,163	1/2	67,177
3/4		3/4	154,004	3/4	143,855	3/4	132,868	3/4	121,881	3/4	110,895	3/4	99,908	3/4	88,921	3/4	77,934	3/4	66,948
1		1	153,957	1	143,626	1	132,639	1	121,652	1	110,666	1	99,679	1	88,692	1	77,706	1	66,719
1/4		1/4	153,842	1/4	143,397	1/4	132,410	1/4	121,424	1/4	110,437	1/4	99,450	1/4	88,463	1/4	77,477	1/4	66,490
1/2		1/2	153,728	1/2	143,168	1/2	132,181	1/2	121,195	1/2	110,208	1/2	99,221	1/2	88,235	1/2	77,248	1/2	66,261
3/4		3/4	153,613	3/4	142,939	3/4	131,953	3/4	120,966	3/4	109,979	3/4	98,992	3/4	88,006	3/4	77,019	3/4	66,032
2		2	153,499	2	142,710	2	131,724	2	120,737	2	109,750	2	98,763	2	87,777	2	76,790	2	65,803
1/4		1/4	153,312	1/4	142,482	1/4	131,495	1/4	120,508	1/4	109,521	1/4	98,535	1/4	87,548	1/4	76,561	1/4	65,574
1/2		1/2	153,125	1/2	142,253	1/2	131,266	1/2	120,279	1/2	109,292	1/2	98,306	1/2	87,319	1/2	76,332	1/2	65,345
3/4		3/4	152,939	3/4	142,024	3/4	131,037	3/4	120,050	3/4	109,064	3/4	98,077	3/4	87,090	3/4	76,103	3/4	65,117
3		3	152,752	3	141,795	3	130,808	3	119,821	3	108,835	3	97,848	3	86,861	3	75,874	3	64,888
1/4		1/4	152,530	1/4	141,566	1/4	130,579	1/4	119,592	1/4	108,606	1/4	97,619	1/4	86,632	1/4	75,646	1/4	64,659
1/2		1/2	152,307	1/2	141,337	1/2	130,350	1/2	119,364	1/2	108,377	1/2	97,390	1/2	86,403	1/2	75,417	1/2	64,430
3/4		3/4	152,085	3/4	141,108	3/4	130,121	3/4	119,135	3/4	108,148	3/4	97,161	3/4	86,174	3/4	75,188	3/4	64,201
4		4	151,863	4	140,879	4	129,893	4	118,906	4	107,919	4	96,932	4	85,946	4	74,959	4	63,972
1/4		1/4	151,635	1/4	140,650	1/4	129,664	1/4	118,677	1/4	107,690	1/4	96,703	1/4	85,717	1/4	74,730	1/4	63,743
1/2		1/2	151,407	1/2	140,422	1/2	129,435	1/2	118,448	1/2	107,461	1/2	96,475	1/2	85,488	1/2	74,501	1/2	63,514
3/4		3/4	151,178	3/4	140,193	3/4	129,206	3/4	118,219	3/4	107,232	3/4	96,246	3/4	85,259	3/4	74,272	3/4	63,285
5		5	150,950	5	139,964	5	128,977	5	117,990	5	107,004	5	96,017	5	85,030	5	74,043	5	63,057
1/4		1/4	150,721	1/4	139,735	1/4	128,748	1/4	117,761	1/4	106,775	1/4	95,788	1/4	84,801	1/4	73,814	1/4	62,828
1/2		1/2	150,492	1/2	139,506	1/2	128,519	1/2	117,532	1/2	106,546	1/2	95,559	1/2	84,572	1/2	73,586	1/2	62,599
3/4		3/4	150,264	3/4	139,277	3/4	128,290	3/4	117,304	3/4	106,317	3/4	95,330	3/4	84,343	3/4	73,357	3/4	62,370
6		6	150,035	6	139,048	6	128,061	6	117,075	6	106,088	6	95,101	6	84,114	6	73,128	6	62,141
1/4		1/4	149,806	1/4	138,819	1/4	127,833	1/4	116,846	1/4	105,859	1/4	94,872	1/4	83,886	1/4	72,899	1/4	61,912
1/2		1/2	149,577	1/2	138,590	1/2	127,604	1/2	116,617	1/2	105,630	1/2	94,643	1/2	83,657	1/2	72,670	1/2	61,683
3/4		3/4	149,348	3/4	138,361	3/4	127,375	3/4	116,388	3/4	105,401	3/4	94,415	3/4	83,428	3/4	72,441	3/4	61,454
7		7	149,119	7	138,133	7	127,146	7	116,159	7	105,172	7	94,186	7	83,199	7	72,212	7	61,225
1/4		1/4	148,890	1/4	137,904	1/4	126,917	1/4	115,930	1/4	104,943	1/4	93,957	1/4	82,970	1/4	71,983	1/4	60,997
1/2		1/2	148,662	1/2	137,675	1/2	126,688	1/2	115,701	1/2	104,715	1/2	93,728	1/2	82,741	1/2	71,754	1/2	60,768
3/4		3/4	148,433	3/4	137,446	3/4	126,459	3/4	115,472	3/4	104,486	3/4	93,499	3/4	82,512	3/4	71,526	3/4	60,539
8		8	148,204	8	137,217	8	126,230	8	115,244	8	104,257	8	93,270	8	82,283	8	71,297	8	60,310
1/4		1/4	147,975	1/4	136,988	1/4	126,001	1/4	115,015	1/4	104,028	1/4	93,041	1/4	82,054	1/4	71,068	1/4	60,081
1/2		1/2	147,746	1/2	136,759	1/2	125,773	1/2	114,786	1/2	103,799	1/2	92,812	1/2	81,826	1/2	70,839	1/2	59,852
3/4		3/4	147,517	3/4	136,530	3/4	125,544	3/4	114,557	3/4	103,570	3/4	92,583	3/4	81,597	3/4	70,610	3/4	59,623
9		9	147,288	9	136,301	9	125,315	9	114,328	9	103,341	9	92,355	9	81,368	9	70,381	9	59,394
1/4		1/4	147,059	1/4	136,073	1/4	125,086	1/4	114,099	1/4	103,112	1/4	92,126	1/4	81,139	1/4	70,152	1/4	59,165
1/2		1/2	146,830	1/2	135,844	1/2	124,857	1/2	113,870	1/2	102,883	1/2	91,897	1/2	80,910	1/2	69,923	1/2	58,937
3/4		3/4	146,602	3/4	135,615	3/4	124,628	3/4	113,641	3/4	102,655	3/4	91,668	3/4	80,681	3/4	69,694	3/4	58,708
10		10	146,373	10	135,386	10	124,399	10	113,412	10	102,426	10	91,439	10	80,452	10	69,465	10	58,479
1/4		1/4	146,144	1/4	135,157	1/4	124,170	1/4	113,184	1/4	102,197	1/4	91,210	1/4	80,223	1/4	69,237	1/4	58,250
1/2		1/2	145,915	1/2	134,928	1/2	123,941	1/2	112,955	1/2	101,968	1/2	90,981	1/2	79,994	1/2	69,008	1/2	58,021
3/4		3/4	145,686	3/4	134,699	3/4	123,713	3/4	112,726	3/4	101,739	3/4	90,752	3/4	79,766	3/4	68,779	3/4	57,792
11		11	145,457	11	134,470	11	123,484	11	112,497	11	101,510	11	90,523	11	79,537	11	68,550	11	57,563
1/4		1/4	145,228	1/4	134,241	1/4	123,255	1/4	112,268	1/4	101,281	1/4	90,295	1/4	79,308	1/4	68,321	1/4	57,334
1/2		1/2	144,999	1/2	134,013	1/2	123,026	1/2	112,039	1/2	101,052	1/2	90,066	1/2	79,079	1/2	68,092	1/2	57,105
3/4		3/4	144,770	3/4	133,784	3/4	122,797	3/4	111,810	3/4	100,823	3/4	89,837	3/4	78,850	3/4	67,863	3/4	56,877

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 23'-06" FORWARD OF AFT BULKHEAD

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



BARGE "IB 1080"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	56,648	0	45,661	0	34,675	0	23,705	0	12,719	0	1,740	0		0		0		0	
1/4	56,419	1/4	45,432	1/4	34,447	1/4	23,476	1/4	12,490	1/4	1,535	1/4		1/4		1/4		1/4	
1/2	56,190	1/2	45,203	1/2	34,218	1/2	23,247	1/2	12,261	1/2	1,331	1/2		1/2		1/2		1/2	
3/4	55,961	3/4	44,974	3/4	33,990	3/4	23,019	3/4	12,032	3/4	1,127	3/4		3/4		3/4		3/4	
1	55,732	1	44,745	1	33,761	1	22,790	1	11,803	1	923	1		1		1		1	
1/4	55,503	1/4	44,516	1/4	33,533	1/4	22,561	1/4	11,574	1/4	780	1/4		1/4		1/4		1/4	
1/2	55,274	1/2	44,288	1/2	33,304	1/2	22,332	1/2	11,346	1/2	637	1/2		1/2		1/2		1/2	
3/4	55,045	3/4	44,059	3/4	33,076	3/4	22,103	3/4	11,117	3/4	494	3/4		3/4		3/4		3/4	
2	54,817	2	43,830	2	32,847	2	21,874	2	10,888	2	351	2		2		2		2	
1/4	54,588	1/4	43,601	1/4	32,619	1/4	21,645	1/4	10,659	1/4	284	1/4		1/4		1/4		1/4	
1/2	54,359	1/2	43,372	1/2	32,390	1/2	21,416	1/2	10,430	1/2	217	1/2		1/2		1/2		1/2	
3/4	54,130	3/4	43,143	3/4	32,162	3/4	21,187	3/4	10,201	3/4	150	3/4		3/4		3/4		3/4	
3	53,901	3	42,914	3	31,934	3	20,959	3	9,972	3	84	3		3		3		3	
1/4	53,672	1/4	42,685	1/4	31,705	1/4	20,730	1/4	9,743	1/4		1/4		1/4		1/4		1/4	
1/2	53,443	1/2	42,456	1/2	31,477	1/2	20,501	1/2	9,515	1/2		1/2		1/2		1/2		1/2	
3/4	53,214	3/4	42,228	3/4	31,248	3/4	20,272	3/4	9,286	3/4		3/4		3/4		3/4		3/4	
4	52,985	4	41,999	4	31,020	4	20,043	4	9,057	4		4		4		4		4	
1/4	52,756	1/4	41,770	1/4	30,791	1/4	19,814	1/4	8,828	1/4		1/4		1/4		1/4		1/4	
1/2	52,528	1/2	41,541	1/2	30,563	1/2	19,585	1/2	8,599	1/2		1/2		1/2		1/2		1/2	
3/4	52,299	3/4	41,312	3/4	30,335	3/4	19,356	3/4	8,370	3/4		3/4		3/4		3/4		3/4	
5	52,070	5	41,083	5	30,106	5	19,128	5	8,141	5		5		5		5		5	
1/4	51,841	1/4	40,854	1/4	29,878	1/4	18,899	1/4	7,912	1/4		1/4		1/4		1/4		1/4	
1/2	51,612	1/2	40,625	1/2	29,649	1/2	18,670	1/2	7,684	1/2		1/2		1/2		1/2		1/2	
3/4	51,383	3/4	40,396	3/4	29,421	3/4	18,441	3/4	7,455	3/4		3/4		3/4		3/4		3/4	
6	51,154	6	40,168	6	29,192	6	18,212	6	7,226	6		6		6		6		6	
1/4	50,925	1/4	39,939	1/4	28,964	1/4	17,983	1/4	6,997	1/4		1/4		1/4		1/4		1/4	
1/2	50,696	1/2	39,710	1/2	28,735	1/2	17,754	1/2	6,768	1/2		1/2		1/2		1/2		1/2	
3/4	50,468	3/4	39,481	3/4	28,507	3/4	17,525	3/4	6,539	3/4		3/4		3/4		3/4		3/4	
7	50,239	7	39,252	7	28,279	7	17,297	7	6,310	7		7		7		7		7	
1/4	50,010	1/4	39,023	1/4	28,050	1/4	17,068	1/4	6,081	1/4		1/4		1/4		1/4		1/4	
1/2	49,781	1/2	38,794	1/2	27,822	1/2	16,839	1/2	5,853	1/2		1/2		1/2		1/2		1/2	
3/4	49,552	3/4	38,565	3/4	27,593	3/4	16,610	3/4	5,624	3/4		3/4		3/4		3/4		3/4	
8	49,323	8	38,336	8	27,365	8	16,381	8	5,395	8		8		8		8		8	
1/4	49,094	1/4	38,108	1/4	27,136	1/4	16,152	1/4	5,166	1/4		1/4		1/4		1/4		1/4	
1/2	48,865	1/2	37,879	1/2	26,908	1/2	15,923	1/2	4,937	1/2		1/2		1/2		1/2		1/2	
3/4	48,636	3/4	37,650	3/4	26,680	3/4	15,694	3/4	4,708	3/4		3/4		3/4		3/4		3/4	
9	48,408	9	37,421	9	26,451	9	15,465	9	4,479	9		9		9		9		9	
1/4	48,179	1/4	37,192	1/4	26,222	1/4	15,237	1/4	4,250	1/4		1/4		1/4		1/4		1/4	
1/2	47,950	1/2	36,963	1/2	25,994	1/2	15,008	1/2	4,022	1/2		1/2		1/2		1/2		1/2	
3/4	47,721	3/4	36,734	3/4	25,765	3/4	14,779	3/4	3,793	3/4		3/4		3/4		3/4		3/4	
10	47,492	10	36,505	10	25,536	10	14,550	10	3,564	10		10		10		10		10	
1/4	47,263	1/4	36,276	1/4	25,307	1/4	14,321	1/4	3,335	1/4		1/4		1/4		1/4		1/4	
1/2	47,034	1/2	36,047	1/2	25,078	1/2	14,092	1/2	3,107	1/2		1/2		1/2		1/2		1/2	
3/4	46,805	3/4	35,819	3/4	24,850	3/4	13,863	3/4	2,878	3/4		3/4		3/4		3/4		3/4	
11	46,576	11	35,590	11	24,621	11	13,634	11	2,650	11		11		11		11		11	
1/4	46,348	1/4	35,361	1/4	24,392	1/4	13,406	1/4	2,422	1/4		1/4		1/4		1/4		1/4	
1/2	46,119	1/2	35,132	1/2	24,163	1/2	13,177	1/2	2,195	1/2		1/2		1/2		1/2		1/2	
3/4	45,890	3/4	34,904	3/4	23,934	3/4	12,948	3/4	1,967	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2015 CL
CALCULATED: 07/23/2015 CL
PRINTED: 07/23/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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