



BARGE "IB 1960"

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	00-1/8	- 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

(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 1960"

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	147,059	0	139,279	0	131,500	0	122,257	0	110,233	0	98,219	0	86,206	0	74,192	0	74,192
1/4	1/4	1/4	146,897	1/4	139,117	1/4	131,338	1/4	122,006	1/4	109,983	1/4	97,969	1/4	85,956	1/4	73,942	1/4	73,942
1/2	1/2	1/2	153,485	1/2	146,735	1/2	138,955	1/2	131,176	1/2	121,755	1/2	109,733	1/2	97,719	1/2	85,705	1/2	73,691
3/4	3/4	3/4	153,433	3/4	146,572	3/4	138,793	3/4	131,014	3/4	121,505	3/4	109,482	3/4	97,468	3/4	85,455	3/4	73,441
1	1	1	153,382	1	146,410	1	138,631	1	130,852	1	121,254	1	109,232	1	97,218	1	85,205	1	73,191
1/4	1/4	1/4	153,330	1/4	146,248	1/4	138,469	1/4	130,690	1/4	121,003	1/4	108,982	1/4	96,968	1/4	84,954	1/4	72,940
1/2	1/2	1/2	153,279	1/2	146,086	1/2	138,307	1/2	130,528	1/2	120,752	1/2	108,731	1/2	96,718	1/2	84,704	1/2	72,690
3/4	3/4	3/4	153,209	3/4	145,924	3/4	138,145	3/4	130,366	3/4	120,501	3/4	108,481	3/4	96,467	3/4	84,454	3/4	72,440
2	2	2	153,139	2	145,762	2	137,983	2	130,204	2	120,251	2	108,231	2	96,217	2	84,204	2	72,189
1/4	1/4	1/4	153,069	1/4	145,600	1/4	137,821	1/4	130,042	1/4	120,000	1/4	107,981	1/4	95,967	1/4	83,953	1/4	71,939
1/2	1/2	1/2	152,999	1/2	145,438	1/2	137,659	1/2	129,880	1/2	119,749	1/2	107,730	1/2	95,717	1/2	83,703	1/2	71,689
3/4	3/4	3/4	152,883	3/4	145,276	3/4	137,497	3/4	129,717	3/4	119,498	3/4	107,480	3/4	95,466	3/4	83,453	3/4	71,439
3	3	3	152,767	3	145,114	3	137,335	3	129,555	3	119,248	3	107,230	3	95,216	3	83,202	3	71,188
1/4	1/4	1/4	152,651	1/4	144,952	1/4	137,173	1/4	129,393	1/4	118,997	1/4	106,979	1/4	94,966	1/4	82,952	1/4	70,938
1/2	1/2	1/2	152,536	1/2	144,790	1/2	137,010	1/2	129,231	1/2	118,746	1/2	106,729	1/2	94,716	1/2	82,702	1/2	70,688
3/4	3/4	3/4	152,381	3/4	144,628	3/4	136,848	3/4	129,069	3/4	118,495	3/4	106,479	3/4	94,465	3/4	82,451	3/4	70,437
4	4	4	152,226	4	144,466	4	136,686	4	128,907	4	118,244	4	106,229	4	94,215	4	82,201	4	70,187
1/4	1/4	1/4	152,072	1/4	144,304	1/4	136,524	1/4	128,745	1/4	117,994	1/4	105,978	1/4	93,965	1/4	81,951	1/4	69,937
1/2	1/2	1/2	151,917	1/2	144,141	1/2	136,362	1/2	128,583	1/2	117,743	1/2	105,728	1/2	93,714	1/2	81,701	1/2	69,687
3/4	3/4	3/4	151,756	3/4	143,979	3/4	136,200	3/4	128,421	3/4	117,492	3/4	105,478	3/4	93,464	3/4	81,450	3/4	69,436
5	5	5	151,594	5	143,817	5	136,038	5	128,259	5	117,242	5	105,227	5	93,214	5	81,200	5	69,186
1/4	1/4	1/4	151,433	1/4	143,655	1/4	135,876	1/4	128,097	1/4	116,991	1/4	104,977	1/4	92,964	1/4	80,950	1/4	68,936
1/2	1/2	1/2	151,272	1/2	143,493	1/2	135,714	1/2	127,935	1/2	116,741	1/2	104,727	1/2	92,713	1/2	80,699	1/2	68,685
3/4	3/4	3/4	151,110	3/4	143,331	3/4	135,552	3/4	127,773	3/4	116,491	3/4	104,476	3/4	92,463	3/4	80,449	3/4	68,435
6	6	6	150,948	6	143,169	6	135,390	6	127,611	6	116,240	6	104,226	6	92,213	6	80,199	6	68,186
1/4	1/4	1/4	150,786	1/4	143,007	1/4	135,228	1/4	127,449	1/4	115,990	1/4	103,976	1/4	91,963	1/4	79,949	1/4	67,936
1/2	1/2	1/2	150,624	1/2	142,845	1/2	135,066	1/2	127,286	1/2	115,740	1/2	103,726	1/2	91,712	1/2	79,698	1/2	67,686
3/4	3/4	3/4	150,462	3/4	142,683	3/4	134,904	3/4	127,124	3/4	115,489	3/4	103,475	3/4	91,462	3/4	79,448	3/4	67,436
7	7	7	150,300	7	142,521	7	134,742	7	126,962	7	115,239	7	103,225	7	91,212	7	79,198	7	67,186
1/4	1/4	1/4	150,138	1/4	142,359	1/4	134,579	1/4	126,800	1/4	114,989	1/4	102,975	1/4	90,961	1/4	78,947	1/4	66,937
1/2	1/2	1/2	149,976	1/2	142,197	1/2	134,417	1/2	126,638	1/2	114,739	1/2	102,724	1/2	90,711	1/2	78,697	1/2	66,687
3/4	3/4	3/4	149,814	3/4	142,035	3/4	134,255	3/4	126,421	3/4	114,488	3/4	102,474	3/4	90,461	3/4	78,447	3/4	66,437
8	8	8	149,652	8	141,873	8	134,093	8	126,203	8	114,238	8	102,224	8	90,211	8	78,197	8	66,188
1/4	1/4	1/4	149,490	1/4	141,710	1/4	133,931	1/4	125,986	1/4	113,988	1/4	101,974	1/4	89,960	1/4	77,946	1/4	65,938
1/2	1/2	1/2	149,328	1/2	141,548	1/2	133,769	1/2	125,768	1/2	113,737	1/2	101,723	1/2	89,710	1/2	77,696	1/2	65,688
3/4	3/4	3/4	149,166	3/4	141,386	3/4	133,607	3/4	125,517	3/4	113,487	3/4	101,473	3/4	89,460	3/4	77,446	3/4	65,438
9	9	9	149,003	9	141,224	9	133,445	9	125,267	9	113,237	9	101,223	9	89,209	9	77,195	9	65,189
1/4	1/4	1/4	148,841	1/4	141,062	1/4	133,283	1/4	125,016	1/4	112,986	1/4	100,972	1/4	88,959	1/4	76,945	1/4	64,939
1/2	1/2	1/2	148,679	1/2	140,900	1/2	133,121	1/2	124,765	1/2	112,736	1/2	100,722	1/2	88,709	1/2	76,695	1/2	64,689
3/4	3/4	3/4	148,517	3/4	140,738	3/4	132,959	3/4	124,514	3/4	112,486	3/4	100,472	3/4	88,459	3/4	76,444	3/4	64,440
10	10	10	148,355	10	140,576	10	132,797	10	124,263	10	112,236	10	100,221	10	88,208	10	76,194	10	64,190
1/4	1/4	1/4	148,193	1/4	140,414	1/4	132,635	1/4	124,013	1/4	111,985	1/4	99,971	1/4	87,958	1/4	75,944	1/4	63,940
1/2	1/2	1/2	148,031	1/2	140,252	1/2	132,473	1/2	123,762	1/2	111,735	1/2	99,721	1/2	87,708	1/2	75,694	1/2	63,691
3/4	3/4	3/4	147,869	3/4	140,090	3/4	132,311	3/4	123,511	3/4	111,485	3/4	99,471	3/4	87,457	3/4	75,443	3/4	63,441
11	11	11	147,707	11	139,928	11	132,148	11	123,260	11	111,234	11	99,220	11	87,207	11	75,193	11	63,191
1/4	1/4	1/4	147,545	1/4	139,766	1/4	131,986	1/4	123,009	1/4	110,984	1/4	98,970	1/4	86,957	1/4	74,943	1/4	62,942
1/2	1/2	1/2	147,383	1/2	139,604	1/2	131,824	1/2	122,759	1/2	110,734	1/2	98,720	1/2	86,706	1/2	74,692	1/2	62,692
3/4	3/4	3/4	147,221	3/4	139,442	3/4	131,662	3/4	122,508	3/4	110,484	3/4	98,470	3/4	86,456	3/4	74,442	3/4	62,442

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 77568
<http://www.pmacorp.net>



BARGE "IB 1960"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	62,192	0	50,192	0	38,192	0	26,437	0	14,422	0	2,402	0		0		0			
1/4	61,943	1/4	49,942	1/4	37,946	1/4	26,186	1/4	14,172	1/4	2,153	1/4		1/4		1/4			
1/2	61,693	1/2	49,692	1/2	37,700	1/2	25,936	1/2	13,921	1/2	1,904	1/2		1/2		1/2			
3/4	61,443	3/4	49,441	3/4	37,456	3/4	25,686	3/4	13,671	3/4	1,680	3/4		3/4		3/4			
1	61,194	1	49,191	1	37,213	1	25,435	1	13,421	1	1,456	1		1		1			
1/4	60,944	1/4	48,941	1/4	36,969	1/4	25,185	1/4	13,170	1/4	1,233	1/4		1/4		1/4			
1/2	60,694	1/2	48,691	1/2	36,725	1/2	24,935	1/2	12,920	1/2	1,009	1/2		1/2		1/2			
3/4	60,445	3/4	48,441	3/4	36,482	3/4	24,684	3/4	12,670	3/4	852	3/4		3/4		3/4			
2	60,195	2	48,191	2	36,238	2	24,434	2	12,420	2	695	2		2		2			
1/4	59,945	1/4	47,940	1/4	35,994	1/4	24,184	1/4	12,169	1/4	539	1/4		1/4		1/4			
1/2	59,696	1/2	47,690	1/2	35,751	1/2	23,934	1/2	11,919	1/2	382	1/2		1/2		1/2			
3/4	59,446	3/4	47,440	3/4	35,507	3/4	23,683	3/4	11,669	3/4	309	3/4		3/4		3/4			
3	59,196	3	47,190	3	35,264	3	23,433	3	11,418	3	236	3		3		3			
1/4	58,946	1/4	46,940	1/4	35,020	1/4	23,183	1/4	11,168	1/4	163	1/4		1/4		1/4			
1/2	58,697	1/2	46,690	1/2	34,776	1/2	22,932	1/2	10,918	1/2	89	1/2		1/2		1/2			
3/4	58,447	3/4	46,439	3/4	34,533	3/4	22,682	3/4	10,667	3/4		3/4		3/4		3/4			
4	58,197	4	46,189	4	34,289	4	22,432	4	10,417	4		4		4		4			
1/4	57,947	1/4	45,939	1/4	34,045	1/4	22,181	1/4	10,167	1/4		1/4		1/4		1/4			
1/2	57,697	1/2	45,689	1/2	33,802	1/2	21,931	1/2	9,916	1/2		1/2		1/2		1/2			
3/4	57,447	3/4	45,439	3/4	33,558	3/4	21,681	3/4	9,666	3/4		3/4		3/4		3/4			
5	57,196	5	45,189	5	33,315	5	21,431	5	9,416	5		5		5		5			
1/4	56,946	1/4	44,938	1/4	33,071	1/4	21,180	1/4	9,165	1/4		1/4		1/4		1/4			
1/2	56,696	1/2	44,688	1/2	32,827	1/2	20,930	1/2	8,915	1/2		1/2		1/2		1/2			
3/4	56,446	3/4	44,438	3/4	32,584	3/4	20,680	3/4	8,664	3/4		3/4		3/4		3/4			
6	56,196	6	44,188	6	32,340	6	20,429	6	8,413	6		6		6		6			
1/4	55,946	1/4	43,938	1/4	32,097	1/4	20,179	1/4	8,163	1/4		1/4		1/4		1/4			
1/2	55,695	1/2	43,688	1/2	31,853	1/2	19,929	1/2	7,912	1/2		1/2		1/2		1/2			
3/4	55,445	3/4	43,437	3/4	31,609	3/4	19,678	3/4	7,662	3/4		3/4		3/4		3/4			
7	55,195	7	43,187	7	31,366	7	19,428	7	7,411	7		7		7		7			
1/4	54,945	1/4	42,937	1/4	31,122	1/4	19,178	1/4	7,161	1/4		1/4		1/4		1/4			
1/2	54,695	1/2	42,687	1/2	30,878	1/2	18,927	1/2	6,910	1/2		1/2		1/2		1/2			
3/4	54,445	3/4	42,437	3/4	30,635	3/4	18,677	3/4	6,660	3/4		3/4		3/4		3/4			
8	54,194	8	42,187	8	30,391	8	18,427	8	6,409	8		8		8		8			
1/4	53,944	1/4	41,936	1/4	30,148	1/4	18,177	1/4	6,159	1/4		1/4		1/4		1/4			
1/2	53,694	1/2	41,686	1/2	29,904	1/2	17,926	1/2	5,908	1/2		1/2		1/2		1/2			
3/4	53,444	3/4	41,436	3/4	29,660	3/4	17,676	3/4	5,658	3/4		3/4		3/4		3/4			
9	53,194	9	41,186	9	29,417	9	17,426	9	5,407	9		9		9		9			
1/4	52,944	1/4	40,936	1/4	29,173	1/4	17,175	1/4	5,156	1/4		1/4		1/4		1/4			
1/2	52,694	1/2	40,686	1/2	28,930	1/2	16,925	1/2	4,905	1/2		1/2		1/2		1/2			
3/4	52,443	3/4	40,435	3/4	28,682	3/4	16,675	3/4	4,655	3/4		3/4		3/4		3/4			
10	52,193	10	40,185	10	28,434	10	16,424	10	4,404	10		10		10		10			
1/4	51,943	1/4	39,935	1/4	28,186	1/4	16,174	1/4	4,153	1/4		1/4		1/4		1/4			
1/2	51,693	1/2	39,685	1/2	27,938	1/2	15,924	1/2	3,902	1/2		1/2		1/2		1/2			
3/4	51,443	3/4	39,435	3/4	27,688	3/4	15,674	3/4	3,652	3/4		3/4		3/4		3/4			
11	51,193	11	39,185	11	27,438	11	15,423	11	3,402	11		11		11		11			
1/4	50,942	1/4	38,934	1/4	27,187	1/4	15,173	1/4	3,151	1/4		1/4		1/4		1/4			
1/2	50,692	1/2	38,684	1/2	26,937	1/2	14,923	1/2	2,901	1/2		1/2		1/2		1/2			
3/4	50,442	3/4	38,438	3/4	26,687	3/4	14,672	3/4	2,652	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 1960"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	161,653	0	151,372	0	139,827	0	128,283	0	116,738	0	105,194	0	93,649	0	82,105	0	70,560	
1/4	1/4	161,603	1/4	151,131	1/4	139,587	1/4	128,040	1/4	116,498	1/4	104,953	1/4	93,409	1/4	81,864	1/4	70,320	
1/2	1/2	161,554	1/2	150,891	1/2	139,346	1/2	127,802	1/2	116,257	1/2	104,713	1/2	93,168	1/2	81,624	1/2	70,079	
3/4	3/4	161,504	3/4	150,650	3/4	139,106	3/4	127,561	3/4	116,017	3/4	104,472	3/4	92,928	3/4	81,383	3/4	69,839	
1	1	161,384	1	150,410	1	138,865	1	127,321	1	115,776	1	104,232	1	92,687	1	81,143	1	69,598	
1/4	1/4	161,264	1/4	150,169	1/4	138,625	1/4	127,080	1/4	115,536	1/4	103,991	1/4	92,447	1/4	80,902	1/4	69,358	
1/2	1/2	161,143	1/2	149,928	1/2	138,384	1/2	126,840	1/2	115,295	1/2	103,751	1/2	92,206	1/2	80,662	1/2	69,117	
3/4	3/4	161,023	3/4	149,688	3/4	138,143	3/4	126,599	3/4	115,055	3/4	103,510	3/4	91,966	3/4	80,421	3/4	68,877	
2	2	160,827	2	149,447	2	137,903	2	126,358	2	114,814	2	103,269	2	91,725	2	80,181	2	68,636	
1/4	1/4	160,631	1/4	149,207	1/4	137,662	1/4	126,118	1/4	114,573	1/4	103,029	1/4	91,484	1/4	79,940	1/4	68,396	
1/2	1/2	160,435	1/2	148,966	1/2	137,422	1/2	125,877	1/2	114,333	1/2	102,788	1/2	91,244	1/2	79,699	1/2	68,155	
3/4	3/4	160,238	3/4	148,726	3/4	137,181	3/4	125,637	3/4	114,092	3/4	102,548	3/4	91,003	3/4	79,459	3/4	67,914	
3	3	160,005	3	148,485	3	136,941	3	125,396	3	113,852	3	102,307	3	90,763	3	79,218	3	67,674	
1/4	1/4	159,772	1/4	148,245	1/4	136,700	1/4	125,156	1/4	113,611	1/4	102,067	1/4	90,522	1/4	78,978	1/4	67,433	
1/2	1/2	159,538	1/2	148,004	1/2	136,460	1/2	124,915	1/2	113,371	1/2	101,826	1/2	90,282	1/2	78,737	1/2	67,193	
3/4	3/4	159,305	3/4	147,764	3/4	136,219	3/4	124,675	3/4	113,130	3/4	101,586	3/4	90,041	3/4	78,497	3/4	66,952	
4	4	159,065	4	147,523	4	135,979	4	124,434	4	112,890	4	101,345	4	89,801	4	78,256	4	66,712	
1/4	1/4	158,825	1/4	147,283	1/4	135,738	1/4	124,194	1/4	112,649	1/4	101,105	1/4	89,560	1/4	78,016	1/4	66,471	
1/2	1/2	158,586	1/2	147,042	1/2	135,498	1/2	123,953	1/2	112,409	1/2	100,864	1/2	89,320	1/2	77,775	1/2	66,231	
3/4	3/4	158,346	3/4	146,802	3/4	135,257	3/4	123,713	3/4	112,168	3/4	100,624	3/4	89,079	3/4	77,535	3/4	65,990	
5	5	158,105	5	146,561	5	135,017	5	123,472	5	111,928	5	100,383	5	88,839	5	77,294	5	65,750	
1/4	1/4	157,865	1/4	146,321	1/4	134,776	1/4	123,232	1/4	111,687	1/4	100,143	1/4	88,598	1/4	77,054	1/4	65,509	
1/2	1/2	157,625	1/2	146,080	1/2	134,536	1/2	122,991	1/2	111,447	1/2	99,902	1/2	88,358	1/2	76,813	1/2	65,269	
3/4	3/4	157,384	3/4	145,840	3/4	134,295	3/4	122,751	3/4	111,206	3/4	99,662	3/4	88,117	3/4	76,573	3/4	65,028	
6	6	157,144	6	145,599	6	134,055	6	122,510	6	110,966	6	99,421	6	87,877	6	76,332	6	64,788	
1/4	1/4	156,903	1/4	145,359	1/4	133,814	1/4	122,270	1/4	110,725	1/4	99,181	1/4	87,636	1/4	76,092	1/4	64,547	
1/2	1/2	156,663	1/2	145,118	1/2	133,574	1/2	122,029	1/2	110,485	1/2	98,940	1/2	87,396	1/2	75,851	1/2	64,307	
3/4	3/4	156,422	3/4	144,878	3/4	133,333	3/4	121,789	3/4	110,244	3/4	98,700	3/4	87,155	3/4	75,611	3/4	64,066	
7	7	156,182	7	144,637	7	133,093	7	121,548	7	110,004	7	98,459	7	86,915	7	75,370	7	63,826	
1/4	1/4	155,941	1/4	144,397	1/4	132,852	1/4	121,308	1/4	109,763	1/4	98,219	1/4	86,674	1/4	75,130	1/4	63,585	
1/2	1/2	155,701	1/2	144,156	1/2	132,612	1/2	121,067	1/2	109,523	1/2	97,978	1/2	86,434	1/2	74,889	1/2	63,345	
3/4	3/4	155,460	3/4	143,916	3/4	132,371	3/4	120,827	3/4	109,282	3/4	97,738	3/4	86,193	3/4	74,649	3/4	63,104	
8	8	155,220	8	143,675	8	132,131	8	120,586	8	109,042	8	97,497	8	85,953	8	74,408	8	62,864	
1/4	1/4	154,979	1/4	143,435	1/4	131,890	1/4	120,346	1/4	108,801	1/4	97,257	1/4	85,712	1/4	74,168	1/4	62,623	
1/2	1/2	154,739	1/2	143,194	1/2	131,650	1/2	120,105	1/2	108,561	1/2	97,016	1/2	85,472	1/2	73,927	1/2	62,383	
3/4	3/4	154,498	3/4	142,954	3/4	131,409	3/4	119,865	3/4	108,320	3/4	96,776	3/4	85,231	3/4	73,687	3/4	62,142	
9	9	154,258	9	142,713	9	131,169	9	119,624	9	108,080	9	96,535	9	84,991	9	73,446	9	61,902	
1/4	1/4	154,017	1/4	142,473	1/4	130,928	1/4	119,384	1/4	107,839	1/4	96,295	1/4	84,750	1/4	73,206	1/4	61,661	
1/2	1/2	153,777	1/2	142,232	1/2	130,688	1/2	119,143	1/2	107,599	1/2	96,054	1/2	84,510	1/2	72,965	1/2	61,421	
3/4	3/4	153,536	3/4	141,992	3/4	130,447	3/4	118,903	3/4	107,358	3/4	95,814	3/4	84,269	3/4	72,725	3/4	61,180	
10	10	153,296	10	141,751	10	130,207	10	118,662	10	107,118	10	95,573	10	84,029	10	72,484	10	60,940	
1/4	1/4	153,055	1/4	141,511	1/4	129,966	1/4	118,422	1/4	106,877	1/4	95,333	1/4	83,788	1/4	72,244	1/4	60,699	
1/2	1/2	152,815	1/2	141,270	1/2	129,726	1/2	118,181	1/2	106,637	1/2	95,092	1/2	83,548	1/2	72,003	1/2	60,459	
3/4	3/4	152,574	3/4	141,030	3/4	129,485	3/4	117,941	3/4	106,396	3/4	94,852	3/4	83,307	3/4	71,763	3/4	60,218	
11	11	152,334	11	140,789	11	129,245	11	117,700	11	106,156	11	94,611	11	83,067	11	71,522	11	59,978	
1/4	1/4	152,093	1/4	140,549	1/4	129,004	1/4	117,460	1/4	105,915	1/4	94,371	1/4	82,826	1/4	71,282	1/4	59,737	
1/2	1/2	151,853	1/2	140,308	1/2	128,764	1/2	117,219	1/2	105,675	1/2	94,130	1/2	82,586	1/2	71,041	1/2	59,497	
3/4	3/4	151,612	3/4	140,068	3/4	128,523	3/4	116,979	3/4	105,434	3/4	93,890	3/4	82,345	3/4	70,801	3/4	59,256	

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 1960"

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	59,016	0	47,471	0	35,951	0	24,666	0	13,122	0	1,612	0		0		0		0	
1/4	58,775	1/4	47,231	1/4	35,718	1/4	24,425	1/4	12,881	1/4	1,397	1/4		1/4		1/4		1/4	
1/2	58,535	1/2	46,990	1/2	35,484	1/2	24,185	1/2	12,641	1/2	1,182	1/2		1/2		1/2		1/2	
3/4	58,294	3/4	46,750	3/4	35,251	3/4	23,944	3/4	12,400	3/4	968	3/4		3/4		3/4		3/4	
1	58,054	1	46,509	1	35,017	1	23,704	1	12,160	1	818	1		1		1		1	
1/4	57,813	1/4	46,269	1/4	34,784	1/4	23,463	1/4	11,919	1/4	667	1/4		1/4		1/4		1/4	
1/2	57,573	1/2	46,028	1/2	34,551	1/2	23,223	1/2	11,679	1/2	517	1/2		1/2		1/2		1/2	
3/4	57,332	3/4	45,788	3/4	34,317	3/4	22,982	3/4	11,438	3/4	367	3/4		3/4		3/4		3/4	
2	57,092	2	45,547	2	34,084	2	22,742	2	11,198	2	297	2		2		2		2	
1/4	56,851	1/4	45,307	1/4	33,850	1/4	22,501	1/4	10,957	1/4	226	1/4		1/4		1/4		1/4	
1/2	56,610	1/2	45,066	1/2	33,617	1/2	22,261	1/2	10,717	1/2	156	1/2		1/2		1/2		1/2	
3/4	56,370	3/4	44,825	3/4	33,383	3/4	22,020	3/4	10,476	3/4	87	3/4		3/4		3/4		3/4	
3	56,129	3	44,585	3	33,150	3	21,780	3	10,236	3		3		3		3		3	
1/4	55,889	1/4	44,344	1/4	32,917	1/4	21,539	1/4	9,995	1/4		1/4		1/4		1/4		1/4	
1/2	55,648	1/2	44,104	1/2	32,683	1/2	21,299	1/2	9,755	1/2		1/2		1/2		1/2		1/2	
3/4	55,408	3/4	43,863	3/4	32,450	3/4	21,058	3/4	9,514	3/4		3/4		3/4		3/4		3/4	
4	55,167	4	43,623	4	32,216	4	20,818	4	9,274	4		4		4		4		4	
1/4	54,927	1/4	43,382	1/4	31,983	1/4	20,577	1/4	9,033	1/4		1/4		1/4		1/4		1/4	
1/2	54,686	1/2	43,142	1/2	31,750	1/2	20,337	1/2	8,793	1/2		1/2		1/2		1/2		1/2	
3/4	54,446	3/4	42,901	3/4	31,516	3/4	20,096	3/4	8,552	3/4		3/4		3/4		3/4		3/4	
5	54,205	5	42,661	5	31,283	5	19,856	5	8,312	5		5		5		5		5	
1/4	53,965	1/4	42,420	1/4	31,049	1/4	19,615	1/4	8,071	1/4		1/4		1/4		1/4		1/4	
1/2	53,724	1/2	42,180	1/2	30,816	1/2	19,375	1/2	7,831	1/2		1/2		1/2		1/2		1/2	
3/4	53,484	3/4	41,939	3/4	30,583	3/4	19,134	3/4	7,590	3/4		3/4		3/4		3/4		3/4	
6	53,243	6	41,699	6	30,349	6	18,894	6	7,350	6		6		6		6		6	
1/4	53,003	1/4	41,458	1/4	30,116	1/4	18,653	1/4	7,109	1/4		1/4		1/4		1/4		1/4	
1/2	52,762	1/2	41,218	1/2	29,882	1/2	18,413	1/2	6,869	1/2		1/2		1/2		1/2		1/2	
3/4	52,522	3/4	40,977	3/4	29,649	3/4	18,172	3/4	6,628	3/4		3/4		3/4		3/4		3/4	
7	52,281	7	40,737	7	29,416	7	17,932	7	6,388	7		7		7		7		7	
1/4	52,041	1/4	40,496	1/4	29,182	1/4	17,691	1/4	6,147	1/4		1/4		1/4		1/4		1/4	
1/2	51,800	1/2	40,256	1/2	28,949	1/2	17,451	1/2	5,907	1/2		1/2		1/2		1/2		1/2	
3/4	51,560	3/4	40,015	3/4	28,715	3/4	17,210	3/4	5,666	3/4		3/4		3/4		3/4		3/4	
8	51,319	8	39,775	8	28,482	8	16,970	8	5,426	8		8		8		8		8	
1/4	51,079	1/4	39,534	1/4	28,248	1/4	16,729	1/4	5,185	1/4		1/4		1/4		1/4		1/4	
1/2	50,838	1/2	39,294	1/2	28,015	1/2	16,489	1/2	4,945	1/2		1/2		1/2		1/2		1/2	
3/4	50,598	3/4	39,053	3/4	27,782	3/4	16,248	3/4	4,704	3/4		3/4		3/4		3/4		3/4	
9	50,357	9	38,813	9	27,544	9	16,008	9	4,464	9		9		9		9		9	
1/4	50,117	1/4	38,572	1/4	27,306	1/4	15,767	1/4	4,223	1/4		1/4		1/4		1/4		1/4	
1/2	49,876	1/2	38,332	1/2	27,068	1/2	15,527	1/2	3,983	1/2		1/2		1/2		1/2		1/2	
3/4	49,636	3/4	38,091	3/4	26,830	3/4	15,286	3/4	3,743	3/4		3/4		3/4		3/4		3/4	
10	49,395	10	37,851	10	26,590	10	15,046	10	3,502	10		10		10		10		10	
1/4	49,155	1/4	37,610	1/4	26,349	1/4	14,805	1/4	3,262	1/4		1/4		1/4		1/4		1/4	
1/2	48,914	1/2	37,370	1/2	26,109	1/2	14,565	1/2	3,022	1/2		1/2		1/2		1/2		1/2	
3/4	48,674	3/4	37,129	3/4	25,868	3/4	14,324	3/4	2,782	3/4		3/4		3/4		3/4		3/4	
11	48,433	11	36,893	11	25,628	11	14,084	11	2,543	11		11		11		11		11	
1/4	48,193	1/4	36,657	1/4	25,387	1/4	13,843	1/4	2,304	1/4		1/4		1/4		1/4		1/4	
1/2	47,952	1/2	36,421	1/2	25,147	1/2	13,603	1/2	2,065	1/2		1/2		1/2		1/2		1/2	
3/4	47,712	3/4	36,185	3/4	24,906	3/4	13,362	3/4	1,826	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 1960"

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	0	160,859	0	151,077	0	139,612	0	128,146	0	116,681	0	105,215	0	93,750	0	82,285	0	70,819
1/4	1/4	1/4	160,838	1/4	149,883	1/4	138,417	1/4	126,952	1/4	115,486	1/4	104,021	1/4	92,556	1/4	81,090	1/4	69,625
1/2	1/2	1/2	160,810	1/2	149,644	1/2	138,178	1/2	126,713	1/2	115,248	1/2	103,782	1/2	92,317	1/2	80,851	1/2	69,386
3/4	3/4	3/4	160,761	3/4	149,405	3/4	137,940	3/4	126,474	3/4	115,009	3/4	103,543	3/4	92,078	3/4	80,613	3/4	69,147
1	1	1	160,712	1	149,166	1	137,701	1	126,235	1	114,770	1	103,304	1	91,839	1	80,374	1	68,908
1/4	1/4	1/4	160,662	1/4	148,927	1/4	137,462	1/4	125,996	1/4	114,531	1/4	103,066	1/4	91,600	1/4	80,135	1/4	68,669
1/2	1/2	1/2	160,543	1/2	148,888	1/2	137,223	1/2	125,758	1/2	114,292	1/2	102,827	1/2	91,361	1/2	79,896	1/2	68,431
3/4	3/4	3/4	160,424	3/4	148,550	3/4	136,984	3/4	125,519	3/4	114,053	3/4	102,588	3/4	91,122	3/4	79,657	3/4	68,192
2	2	2	160,304	2	148,211	2	136,745	2	125,280	2	113,814	2	102,349	2	90,884	2	79,418	2	67,953
1/4	1/4	1/4	160,185	1/4	147,972	1/4	136,506	1/4	125,041	1/4	113,576	1/4	102,110	1/4	90,645	1/4	79,179	1/4	67,714
1/2	1/2	1/2	159,990	1/2	147,733	1/2	136,268	1/2	124,802	1/2	113,337	1/2	101,871	1/2	90,406	1/2	78,940	1/2	67,475
3/4	3/4	3/4	159,795	3/4	147,494	3/4	136,029	3/4	124,563	3/4	113,098	3/4	101,632	3/4	90,167	3/4	78,702	3/4	67,236
3	3	3	159,600	3	147,255	3	135,790	3	124,324	3	112,859	3	101,394	3	89,928	3	78,463	3	66,997
1/4	1/4	1/4	159,405	1/4	147,016	1/4	135,551	1/4	124,086	1/4	112,620	1/4	101,155	1/4	89,689	1/4	78,224	1/4	66,758
1/2	1/2	1/2	159,174	1/2	146,777	1/2	135,312	1/2	123,847	1/2	112,381	1/2	100,916	1/2	89,450	1/2	77,985	1/2	66,520
3/4	3/4	3/4	158,942	3/4	146,539	3/4	135,073	3/4	123,608	3/4	112,142	3/4	100,677	3/4	89,212	3/4	77,746	3/4	66,281
4	4	4	158,710	4	146,300	4	134,834	4	123,369	4	111,904	4	100,438	4	88,973	4	77,507	4	66,042
1/4	1/4	1/4	158,478	1/4	146,061	1/4	134,595	1/4	123,130	1/4	111,665	1/4	100,199	1/4	88,734	1/4	77,268	1/4	65,803
1/2	1/2	1/2	158,240	1/2	145,822	1/2	134,357	1/2	122,891	1/2	111,426	1/2	99,960	1/2	88,495	1/2	77,030	1/2	65,564
3/4	3/4	3/4	158,002	3/4	145,583	3/4	134,118	3/4	122,652	3/4	111,187	3/4	99,722	3/4	88,256	3/4	76,791	3/4	65,325
5	5	5	157,764	5	145,344	5	133,879	5	122,413	5	110,948	5	99,483	5	88,017	5	76,552	5	65,086
1/4	1/4	1/4	157,526	1/4	145,105	1/4	133,640	1/4	122,175	1/4	110,709	1/4	99,244	1/4	87,776	1/4	76,313	1/4	64,848
1/2	1/2	1/2	157,287	1/2	144,867	1/2	133,401	1/2	121,936	1/2	110,470	1/2	99,005	1/2	87,540	1/2	76,074	1/2	64,609
3/4	3/4	3/4	157,048	3/4	144,628	3/4	133,162	3/4	121,697	3/4	110,231	3/4	98,766	3/4	87,301	3/4	75,835	3/4	64,370
6	6	6	156,810	6	144,389	6	132,923	6	121,458	6	109,993	6	98,527	6	87,062	6	75,596	6	64,131
1/4	1/4	1/4	156,571	1/4	144,150	1/4	132,685	1/4	121,219	1/4	109,754	1/4	98,288	1/4	86,823	1/4	75,358	1/4	63,892
1/2	1/2	1/2	156,332	1/2	143,911	1/2	132,446	1/2	120,980	1/2	109,515	1/2	98,049	1/2	86,584	1/2	75,119	1/2	63,653
3/4	3/4	3/4	156,093	3/4	143,672	3/4	132,207	3/4	120,741	3/4	109,276	3/4	97,811	3/4	86,345	3/4	74,880	3/4	63,414
7	7	7	155,854	7	143,433	7	131,968	7	120,503	7	109,037	7	97,572	7	86,106	7	74,641	7	63,176
1/4	1/4	1/4	155,615	1/4	143,195	1/4	131,729	1/4	120,264	1/4	108,798	1/4	97,333	1/4	85,867	1/4	74,402	1/4	62,937
1/2	1/2	1/2	155,377	1/2	142,956	1/2	131,490	1/2	120,025	1/2	108,559	1/2	97,094	1/2	85,629	1/2	74,163	1/2	62,698
3/4	3/4	3/4	155,138	3/4	142,717	3/4	131,251	3/4	119,786	3/4	108,321	3/4	96,855	3/4	85,390	3/4	73,924	3/4	62,459
8	8	8	154,899	8	142,478	8	131,013	8	119,547	8	108,082	8	96,616	8	85,151	8	73,685	8	62,220
1/4	1/4	1/4	154,660	1/4	142,239	1/4	130,774	1/4	119,308	1/4	107,843	1/4	96,377	1/4	84,912	1/4	73,447	1/4	61,981
1/2	1/2	1/2	154,421	1/2	142,000	1/2	130,535	1/2	119,069	1/2	107,604	1/2	96,139	1/2	84,673	1/2	73,208	1/2	61,742
3/4	3/4	3/4	154,182	3/4	141,761	3/4	130,296	3/4	118,831	3/4	107,365	3/4	95,900	3/4	84,434	3/4	72,969	3/4	61,503
9	9	9	153,943	9	141,522	9	130,057	9	118,592	9	107,126	9	95,661	9	84,195	9	72,730	9	61,265
1/4	1/4	1/4	153,704	1/4	141,284	1/4	129,818	1/4	118,353	1/4	106,887	1/4	95,422	1/4	83,957	1/4	72,491	1/4	61,026
1/2	1/2	1/2	153,466	1/2	141,045	1/2	129,579	1/2	118,114	1/2	106,649	1/2	95,183	1/2	83,718	1/2	72,252	1/2	60,787
3/4	3/4	3/4	153,227	3/4	140,806	3/4	129,340	3/4	117,875	3/4	106,410	3/4	94,944	3/4	83,479	3/4	72,013	3/4	60,548
10	10	10	152,988	10	140,567	10	129,102	10	117,636	10	106,171	10	94,705	10	83,240	10	71,775	10	60,309
1/4	1/4	1/4	152,749	1/4	140,328	1/4	128,863	1/4	117,397	1/4	105,932	1/4	94,467	1/4	83,001	1/4	71,536	1/4	60,070
1/2	1/2	1/2	152,510	1/2	140,089	1/2	128,624	1/2	117,158	1/2	105,693	1/2	94,228	1/2	82,762	1/2	71,297	1/2	59,831
3/4	3/4	3/4	152,271	3/4	139,850	3/4	128,385	3/4	116,920	3/4	105,454	3/4	93,989	3/4	82,523	3/4	71,058	3/4	59,593

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 1960"

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	59,354	0	47,888	0	36,424	0	24,975	0	13,510	0	2,052	0		0		0		0	
1/4	59,115	1/4	47,649	1/4	36,185	1/4	24,736	1/4	13,272	1/4	1,815	1/4		1/4		1/4		1/4	
1/2	58,876	1/2	47,411	1/2	35,947	1/2	24,498	1/2	13,033	1/2	1,601	1/2		1/2		1/2		1/2	
3/4	58,637	3/4	47,172	3/4	35,708	3/4	24,259	3/4	12,794	3/4	1,388	3/4		3/4		3/4		3/4	
1	58,398	1	46,933	1	35,470	1	24,020	1	12,555	1	1,175	1		1		1		1	
1/4	58,159	1/4	46,694	1/4	35,231	1/4	23,781	1/4	12,316	1/4	962	1/4		1/4		1/4		1/4	
1/2	57,921	1/2	46,455	1/2	34,993	1/2	23,542	1/2	12,077	1/2	813	1/2		1/2		1/2		1/2	
3/4	57,682	3/4	46,216	3/4	34,754	3/4	23,303	3/4	11,838	3/4	664	3/4		3/4		3/4		3/4	
2	57,443	2	45,977	2	34,516	2	23,065	2	11,600	2	514	2		2		2		2	
1/4	57,204	1/4	45,739	1/4	34,277	1/4	22,826	1/4	11,361	1/4	365	1/4		1/4		1/4		1/4	
1/2	56,965	1/2	45,500	1/2	34,039	1/2	22,587	1/2	11,122	1/2	295	1/2		1/2		1/2		1/2	
3/4	56,726	3/4	45,261	3/4	33,801	3/4	22,348	3/4	10,883	3/4	226	3/4		3/4		3/4		3/4	
3	56,487	3	45,022	3	33,562	3	22,109	3	10,644	3	156	3		3		3		3	
1/4	56,249	1/4	44,783	1/4	33,324	1/4	21,870	1/4	10,405	1/4	86	1/4		1/4		1/4		1/4	
1/2	56,010	1/2	44,544	1/2	33,085	1/2	21,631	1/2	10,166	1/2		1/2		1/2		1/2		1/2	
3/4	55,771	3/4	44,305	3/4	32,847	3/4	21,393	3/4	9,928	3/4		3/4		3/4		3/4		3/4	
4	55,532	4	44,067	4	32,609	4	21,154	4	9,689	4	4	4		4		4		4	
1/4	55,293	1/4	43,828	1/4	32,370	1/4	20,915	1/4	9,450	1/4		1/4		1/4		1/4		1/4	
1/2	55,054	1/2	43,589	1/2	32,132	1/2	20,676	1/2	9,211	1/2		1/2		1/2		1/2		1/2	
3/4	54,815	3/4	43,350	3/4	31,893	3/4	20,437	3/4	8,972	3/4		3/4		3/4		3/4		3/4	
5	54,576	5	43,111	5	31,655	5	20,198	5	8,733	5		5		5		5		5	
1/4	54,338	1/4	42,872	1/4	31,417	1/4	19,959	1/4	8,494	1/4		1/4		1/4		1/4		1/4	
1/2	54,099	1/2	42,633	1/2	31,178	1/2	19,721	1/2	8,256	1/2		1/2		1/2		1/2		1/2	
3/4	53,860	3/4	42,394	3/4	30,940	3/4	19,482	3/4	8,017	3/4		3/4		3/4		3/4		3/4	
6	53,621	6	42,156	6	30,701	6	19,243	6	7,778	6		6		6		6		6	
1/4	53,382	1/4	41,917	1/4	30,463	1/4	19,004	1/4	7,539	1/4		1/4		1/4		1/4		1/4	
1/2	53,143	1/2	41,678	1/2	30,225	1/2	18,765	1/2	7,300	1/2		1/2		1/2		1/2		1/2	
3/4	52,904	3/4	41,439	3/4	29,986	3/4	18,526	3/4	7,061	3/4		3/4		3/4		3/4		3/4	
7	52,666	7	41,200	7	29,748	7	18,287	7	6,823	7		7		7		7		7	
1/4	52,427	1/4	40,961	1/4	29,509	1/4	18,049	1/4	6,584	1/4		1/4		1/4		1/4		1/4	
1/2	52,188	1/2	40,722	1/2	29,271	1/2	17,810	1/2	6,345	1/2		1/2		1/2		1/2		1/2	
3/4	51,949	3/4	40,484	3/4	29,032	3/4	17,571	3/4	6,106	3/4		3/4		3/4		3/4		3/4	
8	51,710	8	40,245	8	28,794	8	17,332	8	5,867	8		8		8		8		8	
1/4	51,471	1/4	40,006	1/4	28,556	1/4	17,093	1/4	5,628	1/4		1/4		1/4		1/4		1/4	
1/2	51,232	1/2	39,767	1/2	28,317	1/2	16,854	1/2	5,390	1/2		1/2		1/2		1/2		1/2	
3/4	50,994	3/4	39,528	3/4	28,079	3/4	16,615	3/4	5,151	3/4		3/4		3/4		3/4		3/4	
9	50,755	9	39,289	9	27,840	9	16,377	9	4,912	9		9		9		9		9	
1/4	50,516	1/4	39,050	1/4	27,602	1/4	16,138	1/4	4,673	1/4		1/4		1/4		1/4		1/4	
1/2	50,277	1/2	38,812	1/2	27,363	1/2	15,899	1/2	4,434	1/2		1/2		1/2		1/2		1/2	
3/4	50,038	3/4	38,573	3/4	27,125	3/4	15,660	3/4	4,195	3/4		3/4		3/4		3/4		3/4	
10	49,799	10	38,334	10	26,886	10	15,421	10	3,957	10		10		10		10		10	
1/4	49,560	1/4	38,095	1/4	26,647	1/4	15,182	1/4	3,718	1/4		1/4		1/4		1/4		1/4	
1/2	49,321	1/2	37,856	1/2	26,408	1/2	14,943	1/2	3,479	1/2		1/2		1/2		1/2		1/2	
3/4	49,083	3/4	37,617	3/4	26,170	3/4	14,705	3/4	3,241	3/4		3/4		3/4		3/4		3/4	
11	48,844	11	37,378	11	25,931	11	14,466	11	3,002	11		11		11		11		11	
1/4	48,605	1/4	37,139	1/4	25,692	1/4	14,227	1/4	2,764	1/4		1/4		1/4		1/4		1/4	
1/2	48,366	1/2	36,901	1/2	25,453	1/2	13,988	1/2	2,527	1/2		1/2		1/2		1/2		1/2	
3/4	48,127	3/4	36,662	3/4	25,214	3/4	13,749	3/4	2,289	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>