



BARGE "IB 1958"

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 10, 2015

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

<http://www.pmacorp.net>



BARGE "IB 1958"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 3/4"

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		0	147,388	0	139,600	0	131,812	0	122,647	0	110,609	0	98,582	0	86,555	0	74,527
1/4		1/4		1/4	147,226	1/4	139,438	1/4	131,650	1/4	122,396	1/4	110,359	1/4	98,331	1/4	86,304	1/4	74,276
1/2		1/2		1/2	147,064	1/2	139,276	1/2	131,488	1/2	122,145	1/2	110,108	1/2	98,080	1/2	86,053	1/2	74,026
3/4		3/4	153,660	3/4	146,902	3/4	139,113	3/4	131,325	3/4	121,894	3/4	109,857	3/4	97,830	3/4	85,803	3/4	73,775
1	1	1	153,608	1	146,739	1	138,951	1	131,163	1	121,643	1	109,607	1	97,579	1	85,552	1	73,524
1/4		1/4	153,556	1/4	146,577	1/4	138,789	1/4	131,001	1/4	121,392	1/4	109,356	1/4	97,329	1/4	85,302	1/4	73,274
1/2		1/2	153,505	1/2	146,415	1/2	138,627	1/2	130,839	1/2	121,141	1/2	109,106	1/2	97,078	1/2	85,051	1/2	73,023
3/4		3/4	153,453	3/4	146,253	3/4	138,464	3/4	130,676	3/4	120,890	3/4	108,855	3/4	96,828	3/4	84,800	3/4	72,773
2	2	2	153,383	2	146,090	2	138,302	2	130,514	2	120,639	2	108,605	2	96,577	2	84,550	2	72,522
1/4		1/4	153,313	1/4	145,928	1/4	138,140	1/4	130,352	1/4	120,388	1/4	108,354	1/4	96,327	1/4	84,299	1/4	72,272
1/2		1/2	153,243	1/2	145,766	1/2	137,978	1/2	130,190	1/2	120,136	1/2	108,103	1/2	96,076	1/2	84,049	1/2	72,021
3/4		3/4	153,173	3/4	145,604	3/4	137,815	3/4	130,027	3/4	119,885	3/4	107,853	3/4	95,825	3/4	83,798	3/4	71,770
3	3	3	153,057	3	145,441	3	137,653	3	129,865	3	119,634	3	107,602	3	95,575	3	83,548	3	71,520
1/4		1/4	152,941	1/4	145,279	1/4	137,491	1/4	129,703	1/4	119,383	1/4	107,352	1/4	95,324	1/4	83,297	1/4	71,269
1/2		1/2	152,825	1/2	145,117	1/2	137,329	1/2	129,541	1/2	119,132	1/2	107,101	1/2	95,074	1/2	83,046	1/2	71,019
3/4		3/4	152,709	3/4	144,955	3/4	137,166	3/4	129,378	3/4	118,881	3/4	106,851	3/4	94,823	3/4	82,796	3/4	70,768
4	4	4	152,554	4	144,792	4	137,004	4	129,216	4	118,630	4	106,600	4	94,573	4	82,545	4	70,517
1/4		1/4	152,400	1/4	144,630	1/4	136,842	1/4	129,054	1/4	118,379	1/4	106,349	1/4	94,322	1/4	82,295	1/4	70,267
1/2		1/2	152,245	1/2	144,468	1/2	136,680	1/2	128,892	1/2	118,128	1/2	106,099	1/2	94,072	1/2	82,044	1/2	70,016
3/4		3/4	152,090	3/4	144,306	3/4	136,517	3/4	128,729	3/4	117,877	3/4	105,848	3/4	93,821	3/4	81,794	3/4	69,766
5	5	5	151,929	5	144,143	5	136,355	5	128,567	5	117,626	5	105,598	5	93,570	5	81,543	5	69,515
1/4		1/4	151,767	1/4	143,981	1/4	136,193	1/4	128,405	1/4	117,375	1/4	105,347	1/4	93,320	1/4	81,292	1/4	69,265
1/2		1/2	151,606	1/2	143,819	1/2	136,031	1/2	128,243	1/2	117,124	1/2	105,096	1/2	93,069	1/2	81,042	1/2	69,014
3/4		3/4	151,444	3/4	143,657	3/4	135,868	3/4	128,080	3/4	116,874	3/4	104,846	3/4	92,819	3/4	80,791	3/4	68,763
6	6	6	151,282	6	143,494	6	135,706	6	127,918	6	116,623	6	104,595	6	92,568	6	80,541	6	68,513
1/4		1/4	151,120	1/4	143,332	1/4	135,544	1/4	127,756	1/4	116,373	1/4	104,345	1/4	92,318	1/4	80,290	1/4	68,263
1/2		1/2	150,958	1/2	143,170	1/2	135,382	1/2	127,594	1/2	116,122	1/2	104,094	1/2	92,067	1/2	80,039	1/2	68,013
3/4		3/4	150,796	3/4	143,008	3/4	135,219	3/4	127,431	3/4	115,871	3/4	103,844	3/4	91,817	3/4	79,789	3/4	67,763
7	7	7	150,633	7	142,845	7	135,057	7	127,269	7	115,621	7	103,593	7	91,566	7	79,538	7	67,513
1/4		1/4	150,471	1/4	142,683	1/4	134,895	1/4	127,107	1/4	115,370	1/4	103,342	1/4	91,315	1/4	79,288	1/4	67,263
1/2		1/2	150,309	1/2	142,521	1/2	134,733	1/2	126,945	1/2	115,120	1/2	103,092	1/2	91,065	1/2	79,037	1/2	67,013
3/4		3/4	150,147	3/4	142,359	3/4	134,570	3/4	126,782	3/4	114,869	3/4	102,841	3/4	90,814	3/4	78,787	3/4	66,763
8	8	8	149,984	8	142,196	8	134,408	8	126,565	8	114,618	8	102,591	8	90,564	8	78,536	8	66,513
1/4		1/4	149,822	1/4	142,034	1/4	134,246	1/4	126,347	1/4	114,368	1/4	102,340	1/4	90,313	1/4	78,285	1/4	66,263
1/2		1/2	149,660	1/2	141,872	1/2	134,084	1/2	126,129	1/2	114,117	1/2	102,090	1/2	90,063	1/2	78,035	1/2	66,013
3/4		3/4	149,498	3/4	141,710	3/4	133,921	3/4	125,911	3/4	113,867	3/4	101,839	3/4	89,812	3/4	77,784	3/4	65,763
9	9	9	149,335	9	141,547	9	133,759	9	125,660	9	113,616	9	101,588	9	89,561	9	77,534	9	65,513
1/4		1/4	149,173	1/4	141,385	1/4	133,597	1/4	125,409	1/4	113,366	1/4	101,338	1/4	89,311	1/4	77,283	1/4	65,263
1/2		1/2	149,011	1/2	141,223	1/2	133,435	1/2	125,158	1/2	113,115	1/2	101,087	1/2	89,060	1/2	77,033	1/2	65,013
3/4		3/4	148,849	3/4	141,061	3/4	133,272	3/4	124,907	3/4	112,864	3/4	100,837	3/4	88,810	3/4	76,782	3/4	64,763
10	10	10	148,686	10	140,898	10	133,110	10	124,656	10	112,614	10	100,586	10	88,559	10	76,531	10	64,513
1/4		1/4	148,524	1/4	140,736	1/4	132,948	1/4	124,405	1/4	112,363	1/4	100,335	1/4	88,309	1/4	76,281	1/4	64,263
1/2		1/2	148,362	1/2	140,574	1/2	132,786	1/2	124,154	1/2	112,113	1/2	100,085	1/2	88,058	1/2	76,030	1/2	64,013
3/4		3/4	148,200	3/4	140,411	3/4	132,623	3/4	123,903	3/4	111,862	3/4	99,834	3/4	87,807	3/4	75,780	3/4	63,763
11	11	11	148,037	11	140,249	11	132,461	11	123,652	11	111,612	11	99,584	11	87,557	11	75,529	11	63,513
1/4		1/4	147,875	1/4	140,087	1/4	132,299	1/4	123,400	1/4	111,361	1/4	99,333	1/4	87,306	1/4	75,278	1/4	63,263
1/2		1/2	147,713	1/2	139,925	1/2	132,137	1/2	123,149	1/2	111,110	1/2	99,083	1/2	87,056	1/2	75,028	1/2	63,013
3/4		3/4	147,551	3/4	139,762	3/4	131,974	3/4	122,898	3/4	110,860	3/4	98,832	3/4	86,805	3/4	74,777	3/4	62,763

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "IB 1958"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03 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	62,513	0	50,499	0	38,482	0	26,717	0	14,689	0	2,654	0		0					0
1/4	62,263	1/4	50,249	1/4	38,235	1/4	26,466	1/4	14,438	1/4	2,405	1/4		1/4					1/4
1/2	62,013	1/2	49,998	1/2	37,989	1/2	26,216	1/2	14,188	1/2	2,155	1/2		1/2					1/2
3/4	61,763	3/4	49,748	3/4	37,743	3/4	25,965	3/4	13,937	3/4	1,906	3/4		3/4					3/4
1	61,513	1	49,497	1	37,499	1	25,715	1	13,686	1	1,682	1		1					1
1/4	61,263	1/4	49,247	1/4	37,255	1/4	25,464	1/4	13,436	1/4	1,458	1/4		1/4					1/4
1/2	61,013	1/2	48,997	1/2	37,011	1/2	25,214	1/2	13,185	1/2	1,234	1/2		1/2					1/2
3/4	60,763	3/4	48,746	3/4	36,767	3/4	24,963	3/4	12,935	3/4	1,010	3/4		3/4					3/4
2	60,513	2	48,496	2	36,523	2	24,712	2	12,684	2	853	2		2					2
1/4	60,263	1/4	48,245	1/4	36,279	1/4	24,462	1/4	12,433	1/4	696	1/4		1/4					1/4
1/2	60,013	1/2	47,995	1/2	36,035	1/2	24,211	1/2	12,183	1/2	539	1/2		1/2					1/2
3/4	59,763	3/4	47,744	3/4	35,791	3/4	23,961	3/4	11,932	3/4	382	3/4		3/4					3/4
3	59,513	3	47,494	3	35,547	3	23,710	3	11,682	3	309	3		3					3
1/4	59,263	1/4	47,243	1/4	35,304	1/4	23,459	1/4	11,431	1/4	236	1/4		1/4					1/4
1/2	59,013	1/2	46,993	1/2	35,060	1/2	23,209	1/2	11,180	1/2	163	1/2		1/2					1/2
3/4	58,763	3/4	46,743	3/4	34,816	3/4	22,958	3/4	10,930	3/4	89	3/4		3/4					3/4
4	58,513	4	46,492	4	34,572	4	22,708	4	10,679	4		4		4					4
1/4	58,263	1/4	46,242	1/4	34,328	1/4	22,457	1/4	10,429	1/4		1/4		1/4					1/4
1/2	58,013	1/2	45,991	1/2	34,084	1/2	22,206	1/2	10,178	1/2		1/2		1/2					1/2
3/4	57,762	3/4	45,741	3/4	33,840	3/4	21,956	3/4	9,928	3/4		3/4		3/4					3/4
5	57,512	5	45,490	5	33,596	5	21,705	5	9,677	5		5		5					5
1/4	57,261	1/4	45,240	1/4	33,352	1/4	21,455	1/4	9,426	1/4		1/4		1/4					1/4
1/2	57,011	1/2	44,989	1/2	33,108	1/2	21,204	1/2	9,175	1/2		1/2		1/2					1/2
3/4	56,761	3/4	44,739	3/4	32,865	3/4	20,954	3/4	8,925	3/4		3/4		3/4					3/4
6	56,510	6	44,488	6	32,621	6	20,703	6	8,674	6		6		6					6
1/4	56,260	1/4	44,238	1/4	32,377	1/4	20,452	1/4	8,423	1/4		1/4		1/4					1/4
1/2	56,009	1/2	43,988	1/2	32,133	1/2	20,202	1/2	8,172	1/2		1/2		1/2					1/2
3/4	55,759	3/4	43,737	3/4	31,889	3/4	19,951	3/4	7,921	3/4		3/4		3/4					3/4
7	55,508	7	43,487	7	31,645	7	19,701	7	7,670	7		7		7					7
1/4	55,258	1/4	43,236	1/4	31,401	1/4	19,450	1/4	7,420	1/4		1/4		1/4					1/4
1/2	55,007	1/2	42,986	1/2	31,157	1/2	19,199	1/2	7,169	1/2		1/2		1/2					1/2
3/4	54,757	3/4	42,735	3/4	30,913	3/4	18,949	3/4	6,918	3/4		3/4		3/4					3/4
8	54,506	8	42,485	8	30,670	8	18,698	8	6,667	8		8		8					8
1/4	54,256	1/4	42,234	1/4	30,426	1/4	18,448	1/4	6,416	1/4		1/4		1/4					1/4
1/2	54,006	1/2	41,984	1/2	30,182	1/2	18,197	1/2	6,166	1/2		1/2		1/2					1/2
3/4	53,755	3/4	41,734	3/4	29,938	3/4	17,946	3/4	5,915	3/4		3/4		3/4					3/4
9	53,505	9	41,483	9	29,694	9	17,696	9	5,664	9		9		9					9
1/4	53,254	1/4	41,233	1/4	29,450	1/4	17,445	1/4	5,413	1/4		1/4		1/4					1/4
1/2	53,004	1/2	40,982	1/2	29,206	1/2	17,195	1/2	5,162	1/2		1/2		1/2					1/2
3/4	52,753	3/4	40,732	3/4	28,962	3/4	16,944	3/4	4,911	3/4		3/4		3/4					3/4
10	52,503	10	40,481	10	28,714	10	16,694	10	4,660	10		10		10					10
1/4	52,252	1/4	40,231	1/4	28,466	1/4	16,443	1/4	4,409	1/4		1/4		1/4					1/4
1/2	52,002	1/2	39,980	1/2	28,218	1/2	16,192	1/2	4,158	1/2		1/2		1/2					1/2
3/4	51,752	3/4	39,730	3/4	27,970	3/4	15,942	3/4	3,907	3/4		3/4		3/4					3/4
11	51,501	11	39,480	11	27,719	11	15,691	11	3,656	11		11		11					11
1/4	51,251	1/4	39,229	1/4	27,469	1/4	15,441	1/4	3,405	1/4		1/4		1/4					1/4
1/2	51,000	1/2	38,979	1/2	27,218	1/2	15,190	1/2	3,155	1/2		1/2		1/2					1/2
3/4	50,750	3/4	38,728	3/4	26,968	3/4	14,939	3/4	2,904	3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/06/2015 CL
CALCULATED: 07/06/2015 CL
PRINTED: 07/10/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
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BARGE "IB 1958"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/4"

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	161,407	0	150,754	0	139,220	0	127,686	0	116,152	0	104,618	0	93,084	0	81,550	0	70,016	
1/4	1/4	161,358	1/4	150,514	1/4	138,980	1/4	127,446	1/4	115,912	1/4	104,378	1/4	92,844	1/4	81,310	1/4	69,775	
1/2	1/2	161,238	1/2	150,273	1/2	138,739	1/2	127,205	1/2	115,671	1/2	104,137	1/2	92,603	1/2	81,069	1/2	69,535	
3/4	3/4	161,118	3/4	150,033	3/4	138,499	3/4	126,965	3/4	115,431	3/4	103,897	3/4	92,363	3/4	80,829	3/4	69,295	
1	1	160,997	1	149,793	1	138,259	1	126,725	1	115,191	1	103,657	1	92,123	1	80,589	1	69,055	
1/4	1/4	160,877	1/4	149,552	1/4	138,018	1/4	126,484	1/4	114,950	1/4	103,416	1/4	91,882	1/4	80,348	1/4	68,814	
1/2	1/2	160,681	1/2	149,312	1/2	137,778	1/2	126,244	1/2	114,710	1/2	103,176	1/2	91,642	1/2	80,108	1/2	68,574	
3/4	3/4	160,485	3/4	149,072	3/4	137,538	3/4	126,004	3/4	114,470	3/4	102,936	3/4	91,402	3/4	79,868	3/4	68,334	
2	2	160,289	2	148,832	2	137,298	2	125,764	2	114,230	2	102,696	2	91,161	2	79,627	2	68,093	
1/4	1/4	160,093	1/4	148,591	1/4	137,057	1/4	125,523	1/4	113,989	1/4	102,455	1/4	90,921	1/4	79,387	1/4	67,853	
1/2	1/2	159,860	1/2	148,351	1/2	136,817	1/2	125,283	1/2	113,749	1/2	102,215	1/2	90,681	1/2	79,147	1/2	67,613	
3/4	3/4	159,627	3/4	148,111	3/4	136,577	3/4	125,043	3/4	113,509	3/4	101,975	3/4	90,441	3/4	78,907	3/4	67,373	
3	3	159,394	3	147,870	3	136,336	3	124,802	3	113,268	3	101,734	3	90,200	3	78,666	3	67,132	
1/4	1/4	159,161	1/4	147,630	1/4	136,096	1/4	124,562	1/4	113,028	1/4	101,494	1/4	89,960	1/4	78,426	1/4	66,892	
1/2	1/2	158,921	1/2	147,390	1/2	135,856	1/2	124,322	1/2	112,788	1/2	101,254	1/2	89,720	1/2	78,186	1/2	66,652	
3/4	3/4	158,682	3/4	147,150	3/4	135,616	3/4	124,081	3/4	112,547	3/4	101,013	3/4	89,479	3/4	77,945	3/4	66,411	
4	4	158,442	4	146,909	4	135,375	4	123,841	4	112,307	4	100,773	4	89,239	4	77,705	4	66,171	
1/4	1/4	158,202	1/4	146,669	1/4	135,135	1/4	123,601	1/4	112,067	1/4	100,533	1/4	88,999	1/4	77,465	1/4	65,931	
1/2	1/2	157,962	1/2	146,429	1/2	134,895	1/2	123,361	1/2	111,827	1/2	100,293	1/2	88,759	1/2	77,225	1/2	65,691	
3/4	3/4	157,722	3/4	146,188	3/4	134,654	3/4	123,120	3/4	111,586	3/4	100,052	3/4	88,518	3/4	76,984	3/4	65,450	
5	5	157,482	5	145,948	5	134,414	5	122,880	5	111,346	5	99,812	5	88,278	5	76,744	5	65,210	
1/4	1/4	157,242	1/4	145,708	1/4	134,174	1/4	122,640	1/4	111,106	1/4	99,572	1/4	88,038	1/4	76,504	1/4	64,970	
1/2	1/2	157,001	1/2	145,467	1/2	133,933	1/2	122,399	1/2	110,865	1/2	99,331	1/2	87,797	1/2	76,263	1/2	64,729	
3/4	3/4	156,761	3/4	145,227	3/4	133,693	3/4	122,159	3/4	110,625	3/4	99,091	3/4	87,557	3/4	76,023	3/4	64,489	
6	6	156,521	6	144,987	6	133,453	6	121,919	6	110,385	6	98,851	6	87,317	6	75,783	6	64,249	
1/4	1/4	156,281	1/4	144,747	1/4	133,213	1/4	121,679	1/4	110,145	1/4	98,611	1/4	87,077	1/4	75,543	1/4	64,008	
1/2	1/2	156,040	1/2	144,506	1/2	132,972	1/2	121,438	1/2	109,904	1/2	98,370	1/2	86,836	1/2	75,302	1/2	63,768	
3/4	3/4	155,800	3/4	144,266	3/4	132,732	3/4	121,198	3/4	109,664	3/4	98,130	3/4	86,596	3/4	75,062	3/4	63,528	
7	7	155,560	7	144,026	7	132,492	7	120,958	7	109,424	7	97,890	7	86,356	7	74,822	7	63,288	
1/4	1/4	155,319	1/4	143,785	1/4	132,251	1/4	120,717	1/4	109,183	1/4	97,649	1/4	86,115	1/4	74,581	1/4	63,047	
1/2	1/2	155,079	1/2	143,545	1/2	132,011	1/2	120,477	1/2	108,943	1/2	97,409	1/2	85,875	1/2	74,341	1/2	62,807	
3/4	3/4	154,839	3/4	143,305	3/4	131,771	3/4	120,237	3/4	108,703	3/4	97,169	3/4	85,635	3/4	74,101	3/4	62,567	
8	8	154,599	8	143,065	8	131,531	8	119,997	8	108,463	8	96,928	8	85,394	8	73,860	8	62,326	
1/4	1/4	154,358	1/4	142,824	1/4	131,290	1/4	119,756	1/4	108,222	1/4	96,688	1/4	85,154	1/4	73,620	1/4	62,086	
1/2	1/2	154,118	1/2	142,584	1/2	131,050	1/2	119,516	1/2	107,982	1/2	96,448	1/2	84,914	1/2	73,380	1/2	61,846	
3/4	3/4	153,878	3/4	142,344	3/4	130,810	3/4	119,276	3/4	107,742	3/4	96,208	3/4	84,674	3/4	73,140	3/4	61,606	
9	9	153,637	9	142,103	9	130,569	9	119,035	9	107,501	9	95,967	9	84,433	9	72,899	9	61,365	
1/4	1/4	153,397	1/4	141,863	1/4	130,329	1/4	118,795	1/4	107,261	1/4	95,727	1/4	84,193	1/4	72,659	1/4	61,125	
1/2	1/2	153,157	1/2	141,623	1/2	130,089	1/2	118,555	1/2	107,021	1/2	95,487	1/2	83,953	1/2	72,419	1/2	60,885	
3/4	3/4	152,917	3/4	141,383	3/4	129,848	3/4	118,314	3/4	106,780	3/4	95,246	3/4	83,712	3/4	72,178	3/4	60,644	
10	10	152,676	10	141,142	10	129,608	10	118,074	10	106,540	10	95,006	10	83,472	10	71,938	10	60,404	
1/4	1/4	152,436	1/4	140,902	1/4	129,368	1/4	117,834	1/4	106,300	1/4	94,766	1/4	83,232	1/4	71,698	1/4	60,164	
1/2	1/2	152,196	1/2	140,662	1/2	129,128	1/2	117,594	1/2	106,060	1/2	94,526	1/2	82,992	1/2	71,458	1/2	59,924	
3/4	3/4	151,955	3/4	140,421	3/4	128,887	3/4	117,353	3/4	105,819	3/4	94,285	3/4	82,751	3/4	71,217	3/4	59,683	
11	11	151,715	11	140,181	11	128,647	11	117,113	11	105,579	11	94,045	11	82,511	11	70,977	11	59,443	
1/4	1/4	161,556	1/4	151,475	1/4	139,941	1/4	128,407	1/4	116,873	1/4	93,805	1/4	82,271	1/4	70,737	1/4	59,203	
1/2	1/2	161,506	1/2	151,234	1/2	139,700	1/2	128,166	1/2	116,632	1/2	93,564	1/2	82,030	1/2	70,496	1/2	58,962	
3/4	3/4	161,457	3/4	150,994	3/4	139,460	3/4	127,926	3/4	116,392	3/4	93,324	3/4	81,790	3/4	70,256	3/4	58,722	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "IB 1958"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN
0	58,482	0	46,948	0	35,452	0	24,163	0	12,630	0	1,182	0		0		0		0		0
1/4	58,241	1/4	46,707	1/4	35,219	1/4	23,923	1/4	12,389	1/4	967	1/4		1/4		1/4		1/4		1/4
1/2	58,001	1/2	46,467	1/2	34,986	1/2	23,683	1/2	12,149	1/2	817	1/2		1/2		1/2		1/2		1/2
3/4	57,761	3/4	46,227	3/4	34,753	3/4	23,442	3/4	11,909	3/4	667	3/4		3/4		3/4		3/4		3/4
1	57,521	1	45,987	1	34,520	1	23,202	1	11,668	1	517	1		1		1		1		1
1/4	57,280	1/4	45,746	1/4	34,286	1/4	22,962	1/4	11,428	1/4	367	1/4		1/4		1/4		1/4		1/4
1/2	57,040	1/2	45,506	1/2	34,053	1/2	22,721	1/2	11,188	1/2	297	1/2		1/2		1/2		1/2		1/2
3/4	56,800	3/4	45,266	3/4	33,820	3/4	22,481	3/4	10,948	3/4	227	3/4		3/4		3/4		3/4		3/4
2	56,559	2	45,025	2	33,587	2	22,241	2	10,707	2	157	2		2		2		2		2
1/4	56,319	1/4	44,785	1/4	33,353	1/4	22,001	1/4	10,467	1/4	86	1/4		1/4		1/4		1/4		1/4
1/2	56,079	1/2	44,545	1/2	33,120	1/2	21,760	1/2	10,227	1/2		1/2		1/2		1/2		1/2		1/2
3/4	55,839	3/4	44,305	3/4	32,887	3/4	21,520	3/4	9,986	3/4		3/4		3/4		3/4		3/4		3/4
3	55,598	3	44,064	3	32,654	3	21,280	3	9,746	3		3		3		3		3		3
1/4	55,358	1/4	43,824	1/4	32,421	1/4	21,039	1/4	9,506	1/4		1/4		1/4		1/4		1/4		1/4
1/2	55,118	1/2	43,584	1/2	32,188	1/2	20,799	1/2	9,266	1/2		1/2		1/2		1/2		1/2		1/2
3/4	54,877	3/4	43,343	3/4	31,954	3/4	20,559	3/4	9,025	3/4		3/4		3/4		3/4		3/4		3/4
4	54,637	4	43,103	4	31,721	4	20,319	4	8,785	4		4		4		4		4		4
1/4	54,397	1/4	42,863	1/4	31,488	1/4	20,078	1/4	8,545	1/4		1/4		1/4		1/4		1/4		1/4
1/2	54,157	1/2	42,623	1/2	31,255	1/2	19,838	1/2	8,304	1/2		1/2		1/2		1/2		1/2		1/2
3/4	53,916	3/4	42,382	3/4	31,022	3/4	19,598	3/4	8,064	3/4		3/4		3/4		3/4		3/4		3/4
5	53,676	5	42,142	5	30,788	5	19,357	5	7,824	5		5		5		5		5		5
1/4	53,436	1/4	41,902	1/4	30,555	1/4	19,117	1/4	7,584	1/4		1/4		1/4		1/4		1/4		1/4
1/2	53,195	1/2	41,661	1/2	30,322	1/2	18,877	1/2	7,343	1/2		1/2		1/2		1/2		1/2		1/2
3/4	52,955	3/4	41,421	3/4	30,089	3/4	18,637	3/4	7,103	3/4		3/4		3/4		3/4		3/4		3/4
6	52,715	6	41,181	6	29,856	6	18,396	6	6,863	6		6		6		6		6		6
1/4	52,474	1/4	40,940	1/4	29,622	1/4	18,156	1/4	6,623	1/4		1/4		1/4		1/4		1/4		1/4
1/2	52,234	1/2	40,700	1/2	29,389	1/2	17,916	1/2	6,382	1/2		1/2		1/2		1/2		1/2		1/2
3/4	51,994	3/4	40,460	3/4	29,156	3/4	17,675	3/4	6,142	3/4		3/4		3/4		3/4		3/4		3/4
7	51,754	7	40,220	7	28,923	7	17,435	7	5,902	7		7		7		7		7		7
1/4	51,513	1/4	39,979	1/4	28,690	1/4	17,195	1/4	5,662	1/4		1/4		1/4		1/4		1/4		1/4
1/2	51,273	1/2	39,739	1/2	28,456	1/2	16,955	1/2	5,421	1/2		1/2		1/2		1/2		1/2		1/2
3/4	51,033	3/4	39,499	3/4	28,223	3/4	16,714	3/4	5,181	3/4		3/4		3/4		3/4		3/4		3/4
8	50,792	8	39,258	8	27,990	8	16,474	8	4,941	8		8		8		8		8		8
1/4	50,552	1/4	39,018	1/4	27,757	1/4	16,234	1/4	4,700	1/4		1/4		1/4		1/4		1/4		1/4
1/2	50,312	1/2	38,778	1/2	27,519	1/2	15,994	1/2	4,460	1/2		1/2		1/2		1/2		1/2		1/2
3/4	50,072	3/4	38,538	3/4	27,282	3/4	15,753	3/4	4,220	3/4		3/4		3/4		3/4		3/4		3/4
9	49,831	9	38,297	9	27,044	9	15,513	9	3,980	9		9		9		9		9		9
1/4	49,591	1/4	38,057	1/4	26,806	1/4	15,273	1/4	3,739	1/4		1/4		1/4		1/4		1/4		1/4
1/2	49,351	1/2	37,817	1/2	26,566	1/2	15,032	1/2	3,500	1/2		1/2		1/2		1/2		1/2		1/2
3/4	49,110	3/4	37,576	3/4	26,326	3/4	14,792	3/4	3,260	3/4		3/4		3/4		3/4		3/4		3/4
10	48,870	10	37,336	10	26,085	10	14,552	10	3,020	10		10		10		10		10		10
1/4	48,630	1/4	37,096	1/4	25,845	1/4	14,312	1/4	2,780	1/4		1/4		1/4		1/4		1/4		1/4
1/2	48,390	1/2	36,860	1/2	25,605	1/2	14,071	1/2	2,541	1/2		1/2		1/2		1/2		1/2		1/2
3/4	48,149	3/4	36,624	3/4	25,365	3/4	13,831	3/4	2,302	3/4		3/4		3/4		3/4		3/4		3/4
11	47,909	11	36,388	11	25,124	11	13,591	11	2,064	11		11		11		11		11		11
1/4	47,669	1/4	36,152	1/4	24,884	1/4	13,350	1/4	1,825	1/4		1/4		1/4		1/4		1/4		1/4
1/2	47,428	1/2	35,919	1/2	24,644	1/2	13,110	1/2	1,611	1/2		1/2		1/2		1/2		1/2		1/2
3/4	47,188	3/4	35,686	3/4	24,403	3/4	12,870	3/4	1,396	3/4		3/4		3/4		3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/06/2015 CL
CALCULATED: 07/06/2015 CL
PRINTED: 07/10/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "IB 1958"

3 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	160,591	0	150,394	0	138,945	0	127,495	0	116,045	0	104,595	0	93,145	0	81,695	0	70,246
1/4		1/4	160,542	1/4	150,156	1/4	138,706	1/4	127,256	1/4	115,806	1/4	104,356	1/4	92,907	1/4	81,457	1/4	70,007
1/2		1/2	160,493	1/2	149,917	1/2	138,467	1/2	127,018	1/2	115,568	1/2	104,118	1/2	92,668	1/2	81,218	1/2	69,768
3/4		3/4	160,444	3/4	149,679	3/4	138,229	3/4	126,779	3/4	115,329	3/4	103,879	3/4	92,430	3/4	80,980	3/4	69,530
1		1	160,325	1	149,440	1	137,990	1	126,541	1	115,091	1	103,641	1	92,191	1	80,741	1	69,291
1/4		1/4	160,205	1/4	149,202	1/4	137,752	1/4	126,302	1/4	114,852	1/4	103,402	1/4	91,953	1/4	80,503	1/4	69,053
1/2		1/2	160,086	1/2	148,963	1/2	137,513	1/2	126,063	1/2	114,614	1/2	103,164	1/2	91,714	1/2	80,264	1/2	68,814
3/4		3/4	159,967	3/4	148,725	3/4	137,275	3/4	125,825	3/4	114,375	3/4	102,925	3/4	91,475	3/4	80,026	3/4	68,576
2		2	159,772	2	148,486	2	137,036	2	125,586	2	114,137	2	102,687	2	91,237	2	79,787	2	68,337
1/4		1/4	159,578	1/4	148,248	1/4	136,798	1/4	125,348	1/4	113,898	1/4	102,448	1/4	90,998	1/4	79,549	1/4	68,099
1/2		1/2	159,383	1/2	148,009	1/2	136,559	1/2	125,109	1/2	113,659	1/2	102,210	1/2	90,760	1/2	79,310	1/2	67,860
3/4		3/4	159,189	3/4	147,770	3/4	136,321	3/4	124,871	3/4	113,421	3/4	101,971	3/4	90,521	3/4	79,071	3/4	67,622
3		3	158,967	3	147,532	3	136,082	3	124,632	3	113,182	3	101,733	3	90,283	3	78,833	3	67,383
1/4		1/4	158,726	1/4	147,293	1/4	135,844	1/4	124,394	1/4	112,944	1/4	101,494	1/4	90,044	1/4	78,594	1/4	67,145
1/2		1/2	158,494	1/2	147,055	1/2	135,605	1/2	124,155	1/2	112,705	1/2	101,255	1/2	89,806	1/2	78,356	1/2	66,906
3/4		3/4	158,263	3/4	146,816	3/4	135,366	3/4	123,917	3/4	112,467	3/4	101,017	3/4	89,567	3/4	78,117	3/4	66,667
4		4	158,025	4	146,578	4	135,128	4	123,678	4	112,228	4	100,778	4	89,329	4	77,879	4	66,429
1/4		1/4	157,787	1/4	146,339	1/4	134,889	1/4	123,440	1/4	111,990	1/4	100,540	1/4	89,090	1/4	77,640	1/4	66,190
1/2		1/2	157,549	1/2	146,101	1/2	134,651	1/2	123,201	1/2	111,751	1/2	100,301	1/2	88,852	1/2	77,402	1/2	65,952
3/4		3/4	157,311	3/4	145,862	3/4	134,412	3/4	122,962	3/4	111,513	3/4	100,063	3/4	88,613	3/4	77,163	3/4	65,713
5		5	157,073	5	145,624	5	134,174	5	122,724	5	111,274	5	99,824	5	88,374	5	76,925	5	65,475
1/4		1/4	156,835	1/4	145,385	1/4	133,935	1/4	122,485	1/4	111,036	1/4	99,586	1/4	88,136	1/4	76,686	1/4	65,236
1/2		1/2	156,596	1/2	145,147	1/2	133,697	1/2	122,247	1/2	110,797	1/2	99,347	1/2	87,897	1/2	76,448	1/2	64,998
3/4		3/4	156,358	3/4	144,908	3/4	133,458	3/4	122,008	3/4	110,558	3/4	99,109	3/4	87,659	3/4	76,209	3/4	64,759
6		6	156,119	6	144,669	6	133,220	6	121,770	6	110,320	6	98,870	6	87,420	6	75,970	6	64,521
1/4		1/4	155,881	1/4	144,431	1/4	132,981	1/4	121,531	1/4	110,081	1/4	98,632	1/4	87,182	1/4	75,732	1/4	64,282
1/2		1/2	155,642	1/2	144,192	1/2	132,743	1/2	121,293	1/2	109,843	1/2	98,393	1/2	86,943	1/2	75,493	1/2	64,044
3/4		3/4	155,404	3/4	143,954	3/4	132,504	3/4	121,054	3/4	109,604	3/4	98,154	3/4	86,705	3/4	75,255	3/4	63,806
7		7	155,165	7	143,715	7	132,265	7	120,816	7	109,366	7	97,916	7	86,466	7	75,016	7	63,566
1/4		1/4	154,927	1/4	143,477	1/4	132,027	1/4	120,577	1/4	109,127	1/4	97,677	1/4	86,228	1/4	74,778	1/4	63,328
1/2		1/2	154,688	1/2	143,238	1/2	131,788	1/2	120,339	1/2	108,889	1/2	97,439	1/2	85,989	1/2	74,539	1/2	63,089
3/4		3/4	154,450	3/4	143,000	3/4	131,550	3/4	120,100	3/4	108,650	3/4	97,200	3/4	85,751	3/4	74,301	3/4	62,851
8		8	154,211	8	142,761	8	131,311	8	119,861	8	108,412	8	96,962	8	85,512	8	74,062	8	62,612
1/4		1/4	153,972	1/4	142,523	1/4	131,073	1/4	119,623	1/4	108,173	1/4	96,723	1/4	85,273	1/4	73,824	1/4	62,374
1/2		1/2	153,734	1/2	142,284	1/2	130,834	1/2	119,384	1/2	107,935	1/2	96,485	1/2	85,035	1/2	73,585	1/2	62,135
3/4		3/4	153,495	3/4	142,046	3/4	130,596	3/4	119,146	3/4	107,696	3/4	96,246	3/4	84,796	3/4	73,347	3/4	61,897
9		9	153,257	9	141,807	9	130,357	9	118,907	9	107,457	9	96,008	9	84,558	9	73,108	9	61,658
1/4		1/4	153,018	1/4	141,568	1/4	130,119	1/4	118,669	1/4	107,219	1/4	95,769	1/4	84,319	1/4	72,869	1/4	61,420
1/2		1/2	152,780	1/2	141,330	1/2	129,880	1/2	118,430	1/2	106,980	1/2	95,531	1/2	84,081	1/2	72,631	1/2	61,181
3/4		3/4	152,541	3/4	141,091	3/4	129,642	3/4	118,192	3/4	106,742	3/4	95,293	3/4	83,842	3/4	72,392	3/4	60,943
10		10	152,303	10	140,853	10	129,403	10	117,953	10	106,503	10	95,055	10	83,604	10	72,154	10	60,704
1/4		1/4	152,064	1/4	140,614	1/4	129,164	1/4	117,715	1/4	106,265	1/4	94,815	1/4	83,365	1/4	71,915	1/4	60,465
1/2		1/2	151,826	1/2	140,376	1/2	128,926	1/2	117,476	1/2	106,026	1/2	94,576	1/2	83,127	1/2	71,677	1/2	60,227
3/4		3/4	151,587	3/4	140,137	3/4	128,687	3/4	117,238	3/4	105,788	3/4	94,338	3/4	82,888	3/4	71,438	3/4	59,988
11		11	151,349	11	139,899	11	128,449	11	116,999	11	105,549	11	94,099	11	82,650	11	71,200	11	59,750
1/4		1/4	151,110	1/4	139,660	1/4	128,210	1/4	116,760	1/4	105,311	1/4	93,861	1/4	82,411	1/4	70,961	1/4	59,511
1/2		1/2	150,871	1/2	139,422	1/2	127,972	1/2	116,522	1/2	105,072	1/2	93,622	1/2	82,172	1/2	70,723	1/2	59,273
3/4		3/4	150,640	3/4	139,183	3/4	127,733	3/4	116,283	3/4	104,834	3/4	93,384	3/4	81,934	3/4	70,484	3/4	59,034

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "IB 1958"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-02 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2015

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