



BARGE "IB 1950"

INNAGE 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	- 00-4/8	00-4/8	- 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 3 CENTER IS 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 182'-09"

June 5, 2015

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

<http://www.pmacorp.net>



BARGE "IB 1950"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

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	89	0	10,898	0	22,892	0	34,715	0	46,608	0	58,594	0	70,564	0	82,557	0	94,550	0	106,543
1/4	162	1/4	11,148	1/4	23,142	1/4	34,959	1/4	46,858	1/4	58,843	1/4	70,814	1/4	82,807	1/4	94,800	1/4	106,792
1/2	235	1/2	11,398	1/2	23,392	1/2	35,202	1/2	47,107	1/2	59,093	1/2	71,064	1/2	83,057	1/2	95,050	1/2	107,042
3/4	308	3/4	11,648	3/4	23,642	3/4	35,445	3/4	47,357	3/4	59,342	3/4	71,314	3/4	83,307	3/4	95,299	3/4	107,292
1	381	1	11,898	1	23,892	1	35,688	1	47,607	1	59,591	1	71,564	1	83,557	1	95,549	1	107,542
1/4	538	1/4	12,148	1/4	24,141	1/4	35,931	1/4	47,856	1/4	59,840	1/4	71,813	1/4	83,807	1/4	95,799	1/4	107,792
1/2	694	1/2	12,398	1/2	24,391	1/2	36,175	1/2	48,106	1/2	60,090	1/2	72,063	1/2	84,056	1/2	96,049	1/2	108,042
3/4	850	3/4	12,648	3/4	24,641	3/4	36,418	3/4	48,356	3/4	60,339	3/4	72,313	3/4	84,306	3/4	96,299	3/4	108,292
2	1,007	2	12,897	2	24,891	2	36,661	2	48,606	2	60,588	2	72,563	2	84,556	2	96,549	2	108,541
1/4	1,230	1/4	13,147	1/4	25,141	1/4	36,904	1/4	48,855	1/4	60,837	1/4	72,813	1/4	84,806	1/4	96,798	1/4	108,791
1/2	1,454	1/2	13,397	1/2	25,391	1/2	37,147	1/2	49,105	1/2	61,087	1/2	73,063	1/2	85,056	1/2	97,048	1/2	109,041
3/4	1,677	3/4	13,647	3/4	25,641	3/4	37,391	3/4	49,355	3/4	61,336	3/4	73,313	3/4	85,306	3/4	97,298	3/4	109,291
3	1,901	3	13,897	3	25,890	3	37,634	3	49,605	3	61,585	3	73,562	3	85,556	3	97,548	3	109,541
1/4	2,149	1/4	14,147	1/4	26,140	1/4	37,880	1/4	49,854	1/4	61,834	1/4	73,812	1/4	85,805	1/4	97,798	1/4	109,791
1/2	2,398	1/2	14,397	1/2	26,390	1/2	38,125	1/2	50,104	1/2	62,084	1/2	74,062	1/2	86,055	1/2	98,048	1/2	110,041
3/4	2,647	3/4	14,646	3/4	26,640	3/4	38,371	3/4	50,354	3/4	62,333	3/4	74,312	3/4	86,305	3/4	98,297	3/4	110,290
4	2,896	4	14,896	4	26,890	4	38,617	4	50,603	4	62,582	4	74,562	4	86,555	4	98,547	4	110,540
1/4	3,146	1/4	15,146	1/4	27,140	1/4	38,866	1/4	50,853	1/4	62,831	1/4	74,812	1/4	86,805	1/4	98,797	1/4	110,790
1/2	3,395	1/2	15,396	1/2	27,390	1/2	39,116	1/2	51,103	1/2	63,081	1/2	75,062	1/2	87,055	1/2	99,047	1/2	111,040
3/4	3,645	3/4	15,646	3/4	27,640	3/4	39,366	3/4	51,353	3/4	63,330	3/4	75,311	3/4	87,305	3/4	99,297	3/4	111,290
5	3,895	5	15,896	5	27,889	5	39,615	5	51,602	5	63,579	5	75,561	5	87,554	5	99,547	5	111,540
1/4	4,146	1/4	16,146	1/4	28,137	1/4	39,865	1/4	51,852	1/4	63,828	1/4	75,811	1/4	87,804	1/4	99,796	1/4	111,790
1/2	4,396	1/2	16,396	1/2	28,384	1/2	40,115	1/2	52,102	1/2	64,078	1/2	76,061	1/2	88,054	1/2	100,046	1/2	112,039
3/4	4,646	3/4	16,645	3/4	28,631	3/4	40,365	3/4	52,352	3/4	64,327	3/4	76,311	3/4	88,304	3/4	100,296	3/4	112,289
6	4,897	6	16,895	6	28,879	6	40,614	6	52,601	6	64,576	6	76,561	6	88,554	6	100,546	6	112,539
1/4	5,147	1/4	17,145	1/4	29,122	1/4	40,864	1/4	52,851	1/4	64,826	1/4	76,811	1/4	88,804	1/4	100,796	1/4	112,789
1/2	5,397	1/2	17,395	1/2	29,365	1/2	41,114	1/2	53,101	1/2	65,075	1/2	77,060	1/2	89,054	1/2	101,046	1/2	113,039
3/4	5,648	3/4	17,645	3/4	29,608	3/4	41,364	3/4	53,351	3/4	65,324	3/4	77,310	3/4	89,303	3/4	101,296	3/4	113,289
7	5,898	7	17,895	7	29,852	7	41,613	7	53,600	7	65,573	7	77,560	7	89,553	7	101,545	7	113,539
1/4	6,148	1/4	18,145	1/4	30,095	1/4	41,863	1/4	53,850	1/4	65,823	1/4	77,810	1/4	89,803	1/4	101,795	1/4	113,788
1/2	6,398	1/2	18,394	1/2	30,338	1/2	42,113	1/2	54,100	1/2	66,072	1/2	78,060	1/2	90,053	1/2	102,045	1/2	114,038
3/4	6,648	3/4	18,644	3/4	30,581	3/4	42,362	3/4	54,349	3/4	66,321	3/4	78,310	3/4	90,303	3/4	102,295	3/4	114,288
8	6,898	8	18,894	8	30,824	8	42,612	8	54,599	8	66,570	8	78,560	8	90,553	8	102,545	8	114,538
1/4	7,148	1/4	19,144	1/4	31,068	1/4	42,862	1/4	54,849	1/4	66,820	1/4	78,809	1/4	90,803	1/4	102,795	1/4	114,788
1/2	7,398	1/2	19,394	1/2	31,311	1/2	43,112	1/2	55,099	1/2	67,069	1/2	79,059	1/2	91,052	1/2	103,045	1/2	115,038
3/4	7,648	3/4	19,644	3/4	31,554	3/4	43,361	3/4	55,348	3/4	67,318	3/4	79,309	3/4	91,302	3/4	103,294	3/4	115,288
9	7,898	9	19,894	9	31,797	9	43,611	9	55,598	9	67,567	9	79,559	9	91,552	9	103,544	9	115,537
1/4	8,148	1/4	20,144	1/4	32,040	1/4	43,861	1/4	55,848	1/4	67,817	1/4	79,809	1/4	91,802	1/4	103,794	1/4	115,787
1/2	8,398	1/2	20,393	1/2	32,284	1/2	44,111	1/2	56,098	1/2	68,066	1/2	80,059	1/2	92,052	1/2	104,044	1/2	116,037
3/4	8,649	3/4	20,643	3/4	32,527	3/4	44,360	3/4	56,347	3/4	68,316	3/4	80,309	3/4	92,302	3/4	104,294	3/4	116,287
10	8,899	10	20,893	10	32,770	10	44,610	10	56,597	10	68,565	10	80,558	10	92,551	10	104,544	10	116,537
1/4	9,149	1/4	21,143	1/4	33,013	1/4	44,860	1/4	56,847	1/4	68,815	1/4	80,808	1/4	92,801	1/4	104,794	1/4	116,787
1/2	9,399	1/2	21,393	1/2	33,256	1/2	45,109	1/2	57,096	1/2	69,065	1/2	81,058	1/2	93,051	1/2	105,043	1/2	117,037
3/4	9,649	3/4	21,643	3/4	33,499	3/4	45,359	3/4	57,346	3/4	69,315	3/4	81,308	3/4	93,301	3/4	105,293	3/4	117,287
11	9,899	11	21,893	11	33,743	11	45,609	11	57,596	11	69,565	11	81,558	11	93,551	11	105,543	11	117,537
1/4	10,149	1/4	22,142	1/4	33,986	1/4	45,859	1/4	57,845	1/4	69,815	1/4	81,808	1/4	93,801	1/4	105,793	1/4	117,787
1/2	10,399	1/2	22,392	1/2	34,229	1/2	46,108	1/2	58,095	1/2	70,064	1/2	82,058	1/2	94,050	1/2	106,043	1/2	118,038
3/4	10,649	3/4	22,642	3/4	34,472	3/4	46,358	3/4	58,345	3/4	70,314	3/4	82,307	3/4	94,300	3/4	106,293	3/4	118,288

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 INNAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD.

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BARGE "IB 1950"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

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	118,538	0	129,006	0	136,771	0	144,537	0	152,269	0		0		0		0		0	
1/4	118,789	1/4	129,167	1/4	136,933	1/4	144,699	1/4	152,385	1/4		1/4		1/4		1/4		1/4	
1/2	119,039	1/2	129,329	1/2	137,095	1/2	144,860	1/2	152,500	1/2		1/2		1/2		1/2		1/2	
3/4	119,290	3/4	129,491	3/4	137,257	3/4	145,022	3/4	152,616	3/4		3/4		3/4		3/4		3/4	
1	119,540	1	129,653	1	137,418	1	145,184	1	152,732	1	1	1		1		1		1	
1/4	119,790	1/4	129,814	1/4	137,580	1/4	145,346	1/4	152,801	1/4		1/4		1/4		1/4		1/4	
1/2	120,041	1/2	129,976	1/2	137,742	1/2	145,508	1/2	152,871	1/2		1/2		1/2		1/2		1/2	
3/4	120,291	3/4	130,138	3/4	137,904	3/4	145,669	3/4	152,941	3/4		3/4		3/4		3/4		3/4	
2	120,541	2	130,300	2	138,065	2	145,831	2	153,011	2	2	2		2		2		2	
1/4	120,792	1/4	130,462	1/4	138,227	1/4	145,993	1/4	153,062	1/4		1/4		1/4		1/4		1/4	
1/2	121,042	1/2	130,623	1/2	138,389	1/2	146,155	1/2	153,114	1/2		1/2		1/2		1/2		1/2	
3/4	121,292	3/4	130,785	3/4	138,551	3/4	146,316	3/4	153,165	3/4		3/4		3/4		3/4		3/4	
3	121,543	3	130,947	3	138,713	3	146,478	3	153,217	3	3	3		3		3		3	
1/4	121,793	1/4	131,109	1/4	138,874	1/4	146,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,043	1/2	131,271	1/2	139,036	1/2	146,802	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,294	3/4	131,432	3/4	139,198	3/4	146,964	3/4		3/4		3/4		3/4		3/4		3/4	
4	122,544	4	131,594	4	139,360	4	147,125	4	4	4	4	4		4		4		4	
1/4	122,795	1/4	131,756	1/4	139,522	1/4	147,287	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,045	1/2	131,918	1/2	139,683	1/2	147,449	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,295	3/4	132,079	3/4	139,845	3/4	147,611	3/4		3/4		3/4		3/4		3/4		3/4	
5	123,546	5	132,241	5	140,007	5	147,773	5	5	5	5	5		5		5		5	
1/4	123,796	1/4	132,403	1/4	140,169	1/4	147,934	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,046	1/2	132,565	1/2	140,330	1/2	148,096	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,297	3/4	132,727	3/4	140,492	3/4	148,258	3/4		3/4		3/4		3/4		3/4		3/4	
6	124,547	6	132,888	6	140,654	6	148,420	6	6	6	6	6		6		6		6	
1/4	124,797	1/4	133,050	1/4	140,816	1/4	148,581	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,048	1/2	133,212	1/2	140,978	1/2	148,743	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,298	3/4	133,374	3/4	141,139	3/4	148,905	3/4		3/4		3/4		3/4		3/4		3/4	
7	125,548	7	133,536	7	141,301	7	149,067	7	7	7	7	7		7		7		7	
1/4	125,766	1/4	133,697	1/4	141,463	1/4	149,229	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,983	1/2	133,859	1/2	141,625	1/2	149,390	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,200	3/4	134,021	3/4	141,786	3/4	149,552	3/4		3/4		3/4		3/4		3/4		3/4	
8	126,417	8	134,183	8	141,948	8	149,714	8	8	8	8	8		8		8		8	
1/4	126,579	1/4	134,344	1/4	142,110	1/4	149,876	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,741	1/2	134,506	1/2	142,272	1/2	150,037	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,902	3/4	134,668	3/4	142,434	3/4	150,199	3/4		3/4		3/4		3/4		3/4		3/4	
9	127,064	9	134,830	9	142,595	9	150,361	9	9	9	9	9		9		9		9	
1/4	127,226	1/4	134,992	1/4	142,757	1/4	150,523	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,388	1/2	135,153	1/2	142,919	1/2	150,684	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,549	3/4	135,315	3/4	143,081	3/4	150,846	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,711	10	135,477	10	143,243	10	151,008	10	10	10	10	10		10		10		10	
1/4	127,873	1/4	135,639	1/4	143,404	1/4	151,169	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,035	1/2	135,800	1/2	143,566	1/2	151,330	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,197	3/4	135,962	3/4	143,728	3/4	151,491	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,358	11	136,124	11	143,890	11	151,652	11	11	11	11	11		11		11		11	
1/4	128,520	1/4	136,286	1/4	144,051	1/4	151,806	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,682	1/2	136,448	1/2	144,213	1/2	151,960	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,844	3/4	136,609	3/4	144,375	3/4	152,115	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 06/05/2015 CL
CALCULATED: 06/05/2015 CL
PRINTED: 06/05/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "IB 1950"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	86	0	10,438	0	21,940	0	33,261	0	44,661	0	56,164	0	67,666	0	79,168	0	90,670	0	102,172
1/4	156	1/4	10,678	1/4	22,179	1/4	33,494	1/4	44,901	1/4	56,403	1/4	67,905	1/4	79,407	1/4	90,910	1/4	102,412
1/2	226	1/2	10,917	1/2	22,419	1/2	33,726	1/2	45,141	1/2	56,643	1/2	68,145	1/2	79,647	1/2	91,149	1/2	102,651
3/4	296	3/4	11,157	3/4	22,659	3/4	33,959	3/4	45,380	3/4	56,882	3/4	68,385	3/4	79,887	3/4	91,389	3/4	102,891
1	366	1	11,397	1	22,898	1	34,192	1	45,620	1	57,122	1	68,624	1	80,126	1	91,629	1	103,131
1/4	515	1/4	11,636	1/4	23,138	1/4	34,424	1/4	45,860	1/4	57,362	1/4	68,864	1/4	80,366	1/4	91,868	1/4	103,370
1/2	665	1/2	11,876	1/2	23,378	1/2	34,657	1/2	46,099	1/2	57,601	1/2	69,103	1/2	80,606	1/2	92,108	1/2	103,610
3/4	815	3/4	12,115	3/4	23,617	3/4	34,889	3/4	46,339	3/4	57,841	3/4	69,343	3/4	80,845	3/4	92,347	3/4	103,850
2	965	2	12,355	2	23,857	2	35,122	2	46,578	2	58,081	2	69,583	2	81,085	2	92,587	2	104,089
1/4	1,178	1/4	12,595	1/4	24,096	1/4	35,354	1/4	46,818	1/4	58,320	1/4	69,822	1/4	81,325	1/4	92,827	1/4	104,329
1/2	1,392	1/2	12,834	1/2	24,336	1/2	35,587	1/2	47,058	1/2	58,560	1/2	70,062	1/2	81,564	1/2	93,066	1/2	104,568
3/4	1,606	3/4	13,074	3/4	24,576	3/4	35,820	3/4	47,297	3/4	58,799	3/4	70,302	3/4	81,804	3/4	93,306	3/4	104,808
3	1,820	3	13,314	3	24,815	3	36,052	3	47,537	3	59,039	3	70,541	3	82,043	3	93,546	3	105,048
1/4	2,058	1/4	13,553	1/4	25,055	1/4	36,288	1/4	47,777	1/4	59,279	1/4	70,781	1/4	82,283	1/4	93,785	1/4	105,287
1/2	2,296	1/2	13,793	1/2	25,294	1/2	36,523	1/2	48,016	1/2	59,518	1/2	71,021	1/2	82,523	1/2	94,025	1/2	105,527
3/4	2,534	3/4	14,032	3/4	25,534	3/4	36,758	3/4	48,256	3/4	59,758	3/4	71,260	3/4	82,762	3/4	94,264	3/4	105,767
4	2,772	4	14,272	4	25,774	4	36,993	4	48,495	4	59,998	4	71,500	4	83,002	4	94,504	4	106,006
1/4	3,011	1/4	14,512	1/4	26,013	1/4	37,233	1/4	48,735	1/4	60,237	1/4	71,739	1/4	83,242	1/4	94,744	1/4	106,246
1/2	3,251	1/2	14,751	1/2	26,253	1/2	37,473	1/2	48,975	1/2	60,477	1/2	71,979	1/2	83,481	1/2	94,983	1/2	106,485
3/4	3,490	3/4	14,991	3/4	26,493	3/4	37,712	3/4	49,214	3/4	60,716	3/4	72,219	3/4	83,721	3/4	95,223	3/4	106,725
5	3,729	5	15,230	5	26,732	5	37,952	5	49,454	5	60,956	5	72,458	5	83,960	5	95,463	5	106,965
1/4	3,969	1/4	15,470	1/4	26,969	1/4	38,191	1/4	49,694	1/4	61,196	1/4	72,698	1/4	84,200	1/4	95,702	1/4	107,204
1/2	4,208	1/2	15,710	1/2	27,206	1/2	38,431	1/2	49,933	1/2	61,435	1/2	72,938	1/2	84,440	1/2	95,942	1/2	107,444
3/4	4,448	3/4	15,949	3/4	27,443	3/4	38,671	3/4	50,173	3/4	61,675	3/4	73,177	3/4	84,679	3/4	96,181	3/4	107,684
6	4,687	6	16,189	6	27,680	6	38,910	6	50,412	6	61,915	6	73,417	6	84,919	6	96,421	6	107,923
1/4	4,927	1/4	16,429	1/4	27,913	1/4	39,150	1/4	50,652	1/4	62,154	1/4	73,656	1/4	85,159	1/4	96,661	1/4	108,163
1/2	5,167	1/2	16,668	1/2	28,145	1/2	39,390	1/2	50,892	1/2	62,394	1/2	73,896	1/2	85,398	1/2	96,900	1/2	108,403
3/4	5,406	3/4	16,908	3/4	28,378	3/4	39,629	3/4	51,131	3/4	62,634	3/4	74,136	3/4	85,638	3/4	97,140	3/4	108,642
7	5,646	7	17,147	7	28,610	7	39,869	7	51,371	7	62,873	7	74,375	7	85,877	7	97,380	7	108,882
1/4	5,885	1/4	17,387	1/4	28,843	1/4	40,108	1/4	51,611	1/4	63,113	1/4	74,615	1/4	86,117	1/4	97,619	1/4	109,121
1/2	6,125	1/2	17,627	1/2	29,075	1/2	40,348	1/2	51,850	1/2	63,352	1/2	74,855	1/2	86,357	1/2	97,859	1/2	109,361
3/4	6,365	3/4	17,866	3/4	29,308	3/4	40,588	3/4	52,090	3/4	63,592	3/4	75,094	3/4	86,596	3/4	98,098	3/4	109,601
8	6,604	8	18,106	8	29,540	8	40,827	8	52,330	8	63,832	8	75,334	8	86,836	8	98,338	8	109,840
1/4	6,844	1/4	18,346	1/4	29,773	1/4	41,067	1/4	52,569	1/4	64,071	1/4	75,573	1/4	87,076	1/4	98,578	1/4	110,080
1/2	7,083	1/2	18,585	1/2	30,006	1/2	41,307	1/2	52,809	1/2	64,311	1/2	75,813	1/2	87,315	1/2	98,817	1/2	110,320
3/4	7,323	3/4	18,825	3/4	30,238	3/4	41,546	3/4	53,048	3/4	64,551	3/4	76,053	3/4	87,555	3/4	99,057	3/4	110,559
9	7,563	9	19,064	9	30,471	9	41,786	9	53,288	9	64,790	9	76,292	9	87,794	9	99,297	9	110,799
1/4	7,802	1/4	19,304	1/4	30,703	1/4	42,025	1/4	53,528	1/4	65,030	1/4	76,532	1/4	88,034	1/4	99,536	1/4	111,038
1/2	8,042	1/2	19,544	1/2	30,936	1/2	42,265	1/2	53,767	1/2	65,269	1/2	76,772	1/2	88,274	1/2	99,776	1/2	111,278
3/4	8,282	3/4	19,783	3/4	31,168	3/4	42,505	3/4	54,007	3/4	65,509	3/4	77,011	3/4	88,513	3/4	100,016	3/4	111,518
10	8,521	10	20,023	10	31,401	10	42,744	10	54,247	10	65,749	10	77,251	10	88,753	10	100,255	10	111,757
1/4	8,761	1/4	20,262	1/4	31,633	1/4	42,984	1/4	54,486	1/4	65,988	1/4	77,490	1/4	88,993	1/4	100,495	1/4	111,997
1/2	9,000	1/2	20,502	1/2	31,866	1/2	43,224	1/2	54,726	1/2	66,228	1/2	77,730	1/2	89,232	1/2	100,734	1/2	112,237
3/4	9,240	3/4	20,742	3/4	32,099	3/4	43,463	3/4	54,965	3/4	66,468	3/4	77,970	3/4	89,472	3/4	100,974	3/4	112,476
11	9,480	11	20,981	11	32,331	11	43,703	11	55,205	11	66,707	11	78,209	11	89,712	11	101,214	11	112,716
1/4	9,719	1/4	21,221	1/4	32,564	1/4	43,943	1/4	55,445	1/4	66,947	1/4	78,449	1/4	89,951	1/4	101,453	1/4	112,955
1/2	9,959	1/2	21,461	1/2	32,796	1/2	44,182	1/2	55,684	1/2	67,186	1/2	78,689	1/2	90,191	1/2	101,693	1/2	113,195
3/4	10,198	3/4	21,700	3/4	33,029	3/4	44,422	3/4	55,924	3/4	67,426	3/4	78,928	3/4	90,430	3/4	101,933	3/4	113,435

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 INNAGE 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
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BARGE "IB 1950"

2 CENTER INNAGE 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	113,674	0	125,176	0	136,679	0	148,181	0	159,651	0		0		0		0		0	
1/4	113,914	1/4	125,416	1/4	136,918	1/4	148,420	1/4	159,846	1/4		1/4		1/4		1/4		1/4	
1/2	114,154	1/2	125,656	1/2	137,158	1/2	148,660	1/2	160,042	1/2		1/2		1/2		1/2		1/2	
3/4	114,393	3/4	125,895	3/4	137,398	3/4	148,900	3/4	160,237	3/4		3/4		3/4		3/4		3/4	
1	114,633	1	126,135	1	137,637	1	149,139	1	160,433	1		1		1		1		1	
1/4	114,872	1/4	126,375	1/4	137,877	1/4	149,379	1/4	160,553	1/4		1/4		1/4		1/4		1/4	
1/2	115,112	1/2	126,614	1/2	138,116	1/2	149,619	1/2	160,672	1/2		1/2		1/2		1/2		1/2	
3/4	115,352	3/4	126,854	3/4	138,356	3/4	149,858	3/4	160,792	3/4		3/4		3/4		3/4		3/4	
2	115,591	2	127,094	2	138,596	2	150,098	2	160,912	2		2		2		2		2	
1/4	115,831	1/4	127,333	1/4	138,835	1/4	150,337	1/4	160,961	1/4		1/4		1/4		1/4		1/4	
1/2	116,071	1/2	127,573	1/2	139,075	1/2	150,577	1/2	161,011	1/2		1/2		1/2		1/2		1/2	
3/4	116,310	3/4	127,812	3/4	139,315	3/4	150,817	3/4	161,060	3/4		3/4		3/4		3/4		3/4	
3	116,550	3	128,052	3	139,554	3	151,056	3	161,109	3		3		3		3		3	
1/4	116,789	1/4	128,292	1/4	139,794	1/4	151,296	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,029	1/2	128,531	1/2	140,033	1/2	151,536	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,269	3/4	128,771	3/4	140,273	3/4	151,775	3/4		3/4		3/4		3/4		3/4		3/4	
4	117,508	4	129,011	4	140,513	4	152,015	4		4		4		4		4		4	
1/4	117,748	1/4	129,250	1/4	140,752	1/4	152,254	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,988	1/2	129,490	1/2	140,992	1/2	152,494	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,227	3/4	129,729	3/4	141,232	3/4	152,734	3/4		3/4		3/4		3/4		3/4		3/4	
5	118,467	5	129,969	5	141,471	5	152,973	5		5		5		5		5		5	
1/4	118,707	1/4	130,209	1/4	141,711	1/4	153,213	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,946	1/2	130,448	1/2	141,950	1/2	153,453	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,186	3/4	130,688	3/4	142,190	3/4	153,692	3/4		3/4		3/4		3/4		3/4		3/4	
6	119,425	6	130,928	6	142,430	6	153,932	6		6		6		6		6		6	
1/4	119,665	1/4	131,167	1/4	142,669	1/4	154,171	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,905	1/2	131,407	1/2	142,909	1/2	154,411	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,144	3/4	131,646	3/4	143,149	3/4	154,651	3/4		3/4		3/4		3/4		3/4		3/4	
7	120,384	7	131,886	7	143,388	7	154,890	7		7		7		7		7		7	
1/4	120,624	1/4	132,126	1/4	143,628	1/4	155,130	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,863	1/2	132,365	1/2	143,867	1/2	155,370	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,103	3/4	132,605	3/4	144,107	3/4	155,609	3/4		3/4		3/4		3/4		3/4		3/4	
8	121,342	8	132,845	8	144,347	8	155,849	8		8		8		8		8		8	
1/4	121,582	1/4	133,084	1/4	144,586	1/4	156,089	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,822	1/2	133,324	1/2	144,826	1/2	156,328	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,061	3/4	133,563	3/4	145,066	3/4	156,568	3/4		3/4		3/4		3/4		3/4		3/4	
9	122,301	9	133,803	9	145,305	9	156,807	9		9		9		9		9		9	
1/4	122,541	1/4	134,043	1/4	145,545	1/4	157,047	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,780	1/2	134,282	1/2	145,785	1/2	157,286	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,020	3/4	134,522	3/4	146,024	3/4	157,526	3/4		3/4		3/4		3/4		3/4		3/4	
10	123,259	10	134,762	10	146,264	10	157,765	10		10		10		10		10		10	
1/4	123,499	1/4	135,001	1/4	146,503	1/4	158,004	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,739	1/2	135,241	1/2	146,743	1/2	158,243	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,978	3/4	135,480	3/4	146,983	3/4	158,482	3/4		3/4		3/4		3/4		3/4		3/4	
11	124,218	11	135,720	11	147,222	11	158,721	11		11		11		11		11		11	
1/4	124,458	1/4	135,960	1/4	147,462	1/4	158,954	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,697	1/2	136,199	1/2	147,702	1/2	159,186	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,937	3/4	136,439	3/4	147,941	3/4	159,419	3/4		3/4		3/4		3/4		3/4		3/4	

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PRINTED: 06/05/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "IB 1950"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	86	0	10,356	0	21,767	0	33,167	0	44,572	0	55,984	0	67,396	0	78,807	0	90,219	0	101,630
1/4	155	1/4	10,594	1/4	22,005	1/4	33,404	1/4	44,810	1/4	56,222	1/4	67,633	1/4	79,045	1/4	90,456	1/4	101,868
1/2	224	1/2	10,832	1/2	22,243	1/2	33,642	1/2	45,048	1/2	56,460	1/2	67,871	1/2	79,283	1/2	90,694	1/2	102,106
3/4	294	3/4	11,069	3/4	22,480	3/4	33,879	3/4	45,286	3/4	56,697	3/4	68,109	3/4	79,520	3/4	90,932	3/4	102,344
1	363	1	11,307	1	22,718	1	34,116	1	45,523	1	56,935	1	68,347	1	79,758	1	91,170	1	102,581
1/4	512	1/4	11,545	1/4	22,956	1/4	34,353	1/4	45,761	1/4	57,173	1/4	68,584	1/4	79,996	1/4	91,407	1/4	102,819
1/2	660	1/2	11,782	1/2	23,194	1/2	34,591	1/2	45,999	1/2	57,410	1/2	68,822	1/2	80,234	1/2	91,645	1/2	103,057
3/4	809	3/4	12,020	3/4	23,431	3/4	34,828	3/4	46,237	3/4	57,648	3/4	69,060	3/4	80,471	3/4	91,883	3/4	103,294
2	957	2	12,258	2	23,669	2	35,065	2	46,474	2	57,886	2	69,298	2	80,709	2	92,121	2	103,532
1/4	1,169	1/4	12,496	1/4	23,907	1/4	35,303	1/4	46,712	1/4	58,124	1/4	69,535	1/4	80,947	1/4	92,358	1/4	103,770
1/2	1,381	1/2	12,733	1/2	24,145	1/2	35,540	1/2	46,950	1/2	58,361	1/2	69,773	1/2	81,185	1/2	92,596	1/2	104,008
3/4	1,594	3/4	12,971	3/4	24,382	3/4	35,777	3/4	47,188	3/4	58,599	3/4	70,011	3/4	81,422	3/4	92,834	3/4	104,245
3	1,806	3	13,209	3	24,620	3	36,015	3	47,425	3	58,837	3	70,248	3	81,660	3	93,072	3	104,483
1/4	2,042	1/4	13,447	1/4	24,858	1/4	36,252	1/4	47,663	1/4	59,075	1/4	70,486	1/4	81,898	1/4	93,309	1/4	104,721
1/2	2,278	1/2	13,684	1/2	25,095	1/2	36,490	1/2	47,901	1/2	59,312	1/2	70,724	1/2	82,136	1/2	93,547	1/2	104,959
3/4	2,514	3/4	13,922	3/4	25,333	3/4	36,727	3/4	48,139	3/4	59,550	3/4	70,962	3/4	82,373	3/4	93,785	3/4	105,196
4	2,751	4	14,160	4	25,571	4	36,965	4	48,376	4	59,788	4	71,199	4	82,611	4	94,023	4	105,434
1/4	2,988	1/4	14,398	1/4	25,809	1/4	37,203	1/4	48,614	1/4	60,026	1/4	71,437	1/4	82,849	1/4	94,260	1/4	105,672
1/2	3,225	1/2	14,635	1/2	26,046	1/2	37,440	1/2	48,852	1/2	60,263	1/2	71,675	1/2	83,087	1/2	94,498	1/2	105,910
3/4	3,463	3/4	14,873	3/4	26,284	3/4	37,678	3/4	49,090	3/4	60,501	3/4	71,913	3/4	83,324	3/4	94,736	3/4	106,147
5	3,700	5	15,111	5	26,522	5	37,916	5	49,327	5	60,739	5	72,150	5	83,562	5	94,974	5	106,385
1/4	3,938	1/4	15,348	1/4	26,759	1/4	38,153	1/4	49,565	1/4	60,977	1/4	72,388	1/4	83,800	1/4	95,211	1/4	106,623
1/2	4,175	1/2	15,586	1/2	26,997	1/2	38,391	1/2	49,803	1/2	61,214	1/2	72,626	1/2	84,037	1/2	95,449	1/2	106,861
3/4	4,413	3/4	15,824	3/4	27,235	3/4	38,629	3/4	50,041	3/4	61,452	3/4	72,864	3/4	84,275	3/4	95,687	3/4	107,098
6	4,651	6	16,062	6	27,472	6	38,867	6	50,278	6	61,690	6	73,101	6	84,513	6	95,925	6	107,336
1/4	4,888	1/4	16,299	1/4	27,709	1/4	39,104	1/4	50,516	1/4	61,928	1/4	73,339	1/4	84,751	1/4	96,162	1/4	107,574
1/2	5,126	1/2	16,537	1/2	27,947	1/2	39,342	1/2	50,754	1/2	62,165	1/2	73,577	1/2	84,988	1/2	96,400	1/2	107,812
3/4	5,364	3/4	16,775	3/4	28,184	3/4	39,580	3/4	50,991	3/4	62,403	3/4	73,815	3/4	85,226	3/4	96,638	3/4	108,049
7	5,602	7	17,013	7	28,421	7	39,818	7	51,229	7	62,641	7	74,052	7	85,464	7	96,875	7	108,287
1/4	5,839	1/4	17,250	1/4	28,659	1/4	40,055	1/4	51,467	1/4	62,879	1/4	74,290	1/4	85,702	1/4	97,113	1/4	108,525
1/2	6,077	1/2	17,488	1/2	28,896	1/2	40,293	1/2	51,705	1/2	63,116	1/2	74,528	1/2	85,939	1/2	97,351	1/2	108,763
3/4	6,315	3/4	17,726	3/4	29,133	3/4	40,531	3/4	51,942	3/4	63,354	3/4	74,766	3/4	86,177	3/4	97,589	3/4	109,000
8	6,552	8	17,964	8	29,370	8	40,769	8	52,180	8	63,592	8	75,003	8	86,415	8	97,826	8	109,238
1/4	6,790	1/4	18,201	1/4	29,608	1/4	41,006	1/4	52,418	1/4	63,829	1/4	75,241	1/4	86,653	1/4	98,064	1/4	109,476
1/2	7,028	1/2	18,439	1/2	29,845	1/2	41,244	1/2	52,656	1/2	64,067	1/2	75,479	1/2	86,890	1/2	98,302	1/2	109,714
3/4	7,266	3/4	18,677	3/4	30,082	3/4	41,482	3/4	52,893	3/4	64,305	3/4	75,717	3/4	87,128	3/4	98,540	3/4	109,951
9	7,503	9	18,914	9	30,320	9	41,720	9	53,131	9	64,543	9	75,954	9	87,366	9	98,777	9	110,189
1/4	7,741	1/4	19,152	1/4	30,557	1/4	41,957	1/4	53,369	1/4	64,780	1/4	76,192	1/4	87,604	1/4	99,015	1/4	110,427
1/2	7,979	1/2	19,390	1/2	30,794	1/2	42,195	1/2	53,607	1/2	65,018	1/2	76,430	1/2	87,841	1/2	99,253	1/2	110,664
3/4	8,217	3/4	19,628	3/4	31,031	3/4	42,433	3/4	53,844	3/4	65,256	3/4	76,668	3/4	88,079	3/4	99,491	3/4	110,902
10	8,454	10	19,865	10	31,269	10	42,671	10	54,082	10	65,494	10	76,905	10	88,317	10	99,728	10	111,140
1/4	8,692	1/4	20,103	1/4	31,506	1/4	42,908	1/4	54,320	1/4	65,731	1/4	77,143	1/4	88,555	1/4	99,966	1/4	111,378
1/2	8,930	1/2	20,341	1/2	31,743	1/2	43,146	1/2	54,558	1/2	65,969	1/2	77,381	1/2	88,792	1/2	100,204	1/2	111,615
3/4	9,167	3/4	20,579	3/4	31,981	3/4	43,384	3/4	54,795	3/4	66,207	3/4	77,618	3/4	89,030	3/4	100,442	3/4	111,853
11	9,405	11	20,816	11	32,218	11	43,622	11	55,033	11	66,445	11	77,856	11	89,268	11	100,679	11	112,091
1/4	9,643	1/4	21,054	1/4	32,455	1/4	43,859	1/4	55,271	1/4	66,682	1/4	78,094	1/4	89,506	1/4	100,917	1/4	112,329
1/2	9,881	1/2	21,292	1/2	32,692	1/2	44,097	1/2	55,509	1/2	66,920	1/2	78,332	1/2	89,743	1/2	101,155	1/2	112,566
3/4	10,118	3/4	21,529	3/4	32,930	3/4	44,335	3/4	55,746	3/4	67,158	3/4	78,569	3/4	89,981	3/4	101,393	3/4	112,804

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 INNAGE 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
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BARGE "IB 1950"

3 CENTER INNAGE 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	113,042	0	124,453	0	135,865	0	147,277	0	158,657	0		0		0		0		0	
1/4	113,280	1/4	124,691	1/4	136,103	1/4	147,514	1/4	158,850	1/4		1/4		1/4		1/4		1/4	
1/2	113,517	1/2	124,929	1/2	136,340	1/2	147,752	1/2	159,044	1/2		1/2		1/2		1/2		1/2	
3/4	113,755	3/4	125,167	3/4	136,578	3/4	147,990	3/4	159,238	3/4		3/4		3/4		3/4		3/4	
1	113,993	1	125,404	1	136,816	1	148,228	1	159,432	1		1		1		1		1	
1/4	114,231	1/4	125,642	1/4	137,054	1/4	148,465	1/4	159,551	1/4		1/4		1/4		1/4		1/4	
1/2	114,468	1/2	125,880	1/2	137,291	1/2	148,703	1/2	159,670	1/2		1/2		1/2		1/2		1/2	
3/4	114,706	3/4	126,118	3/4	137,529	3/4	148,941	3/4	159,789	3/4		3/4		3/4		3/4		3/4	
2	114,944	2	126,355	2	137,767	2	149,179	2	159,908	2		2		2		2		2	
1/4	115,182	1/4	126,593	1/4	138,005	1/4	149,416	1/4	159,957	1/4		1/4		1/4		1/4		1/4	
1/2	115,419	1/2	126,831	1/2	138,242	1/2	149,654	1/2	160,005	1/2		1/2		1/2		1/2		1/2	
3/4	115,657	3/4	127,069	3/4	138,480	3/4	149,892	3/4	160,054	3/4		3/4		3/4		3/4		3/4	
3	115,895	3	127,306	3	138,718	3	150,129	3	160,103	3		3		3		3		3	
1/4	116,133	1/4	127,544	1/4	138,956	1/4	150,367	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,370	1/2	127,782	1/2	139,193	1/2	150,605	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,608	3/4	128,020	3/4	139,431	3/4	150,843	3/4		3/4		3/4		3/4		3/4		3/4	
4	116,846	4	128,257	4	139,669	4	151,080	4		4		4		4		4		4	
1/4	117,083	1/4	128,495	1/4	139,907	1/4	151,318	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,321	1/2	128,733	1/2	140,144	1/2	151,556	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,559	3/4	128,971	3/4	140,382	3/4	151,794	3/4		3/4		3/4		3/4		3/4		3/4	
5	117,797	5	129,208	5	140,620	5	152,031	5		5		5		5		5		5	
1/4	118,034	1/4	129,446	1/4	140,858	1/4	152,269	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,272	1/2	129,684	1/2	141,095	1/2	152,507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,510	3/4	129,921	3/4	141,333	3/4	152,745	3/4		3/4		3/4		3/4		3/4		3/4	
6	118,748	6	130,159	6	141,571	6	152,982	6		6		6		6		6		6	
1/4	118,985	1/4	130,397	1/4	141,809	1/4	153,220	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,223	1/2	130,635	1/2	142,046	1/2	153,458	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,461	3/4	130,872	3/4	142,284	3/4	153,696	3/4		3/4		3/4		3/4		3/4		3/4	
7	119,699	7	131,110	7	142,522	7	153,933	7		7		7		7		7		7	
1/4	119,936	1/4	131,348	1/4	142,760	1/4	154,171	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,174	1/2	131,586	1/2	142,997	1/2	154,409	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,412	3/4	131,823	3/4	143,235	3/4	154,647	3/4		3/4		3/4		3/4		3/4		3/4	
8	120,650	8	132,061	8	143,473	8	154,884	8		8		8		8		8		8	
1/4	120,887	1/4	132,299	1/4	143,710	1/4	155,122	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,125	1/2	132,537	1/2	143,948	1/2	155,360	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,363	3/4	132,774	3/4	144,186	3/4	155,597	3/4		3/4		3/4		3/4		3/4		3/4	
9	121,601	9	133,012	9	144,424	9	155,835	9		9		9		9		9		9	
1/4	121,838	1/4	133,250	1/4	144,661	1/4	156,073	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,076	1/2	133,488	1/2	144,899	1/2	156,310	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,314	3/4	133,725	3/4	145,137	3/4	156,548	3/4		3/4		3/4		3/4		3/4		3/4	
10	122,552	10	133,963	10	145,375	10	156,786	10		10		10		10		10		10	
1/4	122,789	1/4	134,201	1/4	145,612	1/4	157,023	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,027	1/2	134,439	1/2	145,850	1/2	157,260	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,265	3/4	134,676	3/4	146,088	3/4	157,497	3/4		3/4		3/4		3/4		3/4		3/4	
11	123,502	11	134,914	11	146,326	11	157,734	11		11		11		11		11		11	
1/4	123,740	1/4	135,152	1/4	146,563	1/4	157,964	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,978	1/2	135,390	1/2	146,801	1/2	158,195	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,216	3/4	135,627	3/4	147,039	3/4	158,426	3/4		3/4		3/4		3/4		3/4		3/4	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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