

Ballons



BARGE "IB 1325"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8

(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 1 CENTER IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 163'-03"

April 21, 2020

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

<http://www.pmacorp.net>



BARGE "IB 1325"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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	231	0	11,121	0	23,060	0	34,785	0	46,575	0	58,491	0	70,408	0	82,286	0	94,207	0	106,129
1/4	305	1/4	11,370	1/4	23,308	1/4	35,025	1/4	46,823	1/4	58,739	1/4	70,656	1/4	82,534	1/4	94,456	1/4	106,377
1/2	380	1/2	11,619	1/2	23,556	1/2	35,265	1/2	47,071	1/2	58,988	1/2	70,904	1/2	82,783	1/2	94,704	1/2	106,625
3/4	455	3/4	11,868	3/4	23,805	3/4	35,504	3/4	47,319	3/4	59,236	3/4	71,152	3/4	83,031	3/4	94,953	3/4	106,874
1	529	1	12,117	1	24,053	1	35,744	1	47,568	1	59,484	1	71,401	1	83,250	1	95,201	1	107,122
1 1/4	700	1 1/4	12,366	1 1/4	24,302	1 1/4	35,984	1 1/4	47,816	1 1/4	59,732	1 1/4	71,649	1 1/4	83,528	1 1/4	95,449	1 1/4	107,371
1 1/2	871	1 1/2	12,614	1 1/2	24,550	1 1/2	36,224	1 1/2	48,054	1 1/2	59,961	1 1/2	71,877	1 1/2	83,776	1 1/2	95,698	1 1/2	107,619
3/4	1,042	3/4	12,863	3/4	24,798	3/4	36,464	3/4	48,312	3/4	60,229	3/4	72,145	3/4	84,025	3/4	95,946	3/4	107,867
2	1,212	2	13,112	2	25,047	2	36,703	2	48,581	2	60,477	2	72,393	2	84,273	2	96,194	2	108,116
2 1/4	1,450	2 1/4	13,361	2 1/4	25,295	2 1/4	36,943	2 1/4	48,809	2 1/4	60,725	2 1/4	72,640	2 1/4	84,521	2 1/4	96,443	2 1/4	108,364
1/2	1,688	1/2	13,610	1/2	25,544	1/2	37,183	1/2	49,057	1/2	60,974	1/2	72,887	1/2	84,770	1/2	96,691	1/2	108,612
3/4	1,927	3/4	13,859	3/4	25,792	3/4	37,423	3/4	49,305	3/4	61,222	3/4	73,135	3/4	85,018	3/4	96,939	3/4	108,861
3	2,165	3	14,108	3	26,041	3	37,662	3	49,554	3	61,470	3	73,382	3	85,266	3	97,188	3	109,109
1 1/4	2,413	1 1/4	14,357	1 1/4	26,289	1 1/4	37,904	1 1/4	49,802	1 1/4	61,719	1 1/4	73,629	1 1/4	85,515	1 1/4	97,436	1 1/4	109,357
1 1/2	2,661	1 1/2	14,605	1 1/2	26,537	1 1/2	38,146	1 1/2	50,050	1 1/2	61,967	1 1/2	73,877	1 1/2	85,763	1 1/2	97,684	1 1/2	109,606
3/4	2,909	3/4	14,854	3/4	26,786	3/4	38,388	3/4	50,298	3/4	62,215	3/4	74,124	3/4	86,012	3/4	97,933	3/4	109,854
4	3,157	4	15,103	4	27,034	4	38,630	4	50,547	4	62,463	4	74,371	4	86,260	4	98,181	4	110,103
1 1/4	3,405	1 1/4	15,352	1 1/4	27,283	1 1/4	38,878	1 1/4	50,796	1 1/4	62,712	1 1/4	74,619	1 1/4	86,508	1 1/4	98,430	1 1/4	110,351
1 1/2	3,654	1 1/2	15,601	1 1/2	27,531	1 1/2	39,127	1 1/2	51,043	1 1/2	62,960	1 1/2	74,866	1 1/2	86,757	1 1/2	98,678	1 1/2	110,599
3/4	3,903	3/4	15,850	3/4	27,779	3/4	39,375	3/4	51,291	3/4	63,208	3/4	75,113	3/4	87,005	3/4	98,926	3/4	110,848
5	4,151	5	16,099	5	28,028	5	39,623	5	51,540	5	63,456	5	75,360	5	87,253	5	99,175	5	111,096
1 1/4	4,400	1 1/4	16,347	1 1/4	28,275	1 1/4	39,871	1 1/4	51,788	1 1/4	63,705	1 1/4	75,609	1 1/4	87,502	1 1/4	99,423	1 1/4	111,344
1 1/2	4,649	1 1/2	16,596	1 1/2	28,521	1 1/2	40,120	1 1/2	52,036	1 1/2	63,953	1 1/2	75,855	1 1/2	87,750	1 1/2	99,671	1 1/2	111,593
3/4	4,898	3/4	16,845	3/4	28,768	3/4	40,368	3/4	52,285	3/4	64,201	3/4	76,102	3/4	87,998	3/4	99,920	3/4	111,841
6	5,147	6	17,094	6	29,016	6	40,616	6	52,533	6	64,449	6	76,350	6	88,247	6	100,168	6	112,089
1 1/4	5,396	1 1/4	17,343	1 1/4	29,257	1 1/4	40,864	1 1/4	52,781	1 1/4	64,698	1 1/4	76,597	1 1/4	88,495	1 1/4	100,416	1 1/4	112,338
1 1/2	5,645	1 1/2	17,592	1 1/2	29,499	1 1/2	41,113	1 1/2	53,029	1 1/2	64,946	1 1/2	76,844	1 1/2	88,743	1 1/2	100,665	1 1/2	112,586
3/4	5,894	3/4	17,841	3/4	29,741	3/4	41,361	3/4	53,278	3/4	65,194	3/4	77,092	3/4	88,992	3/4	100,913	3/4	112,834
7	6,143	7	18,090	7	29,983	7	41,609	7	53,526	7	65,442	7	77,339	7	89,240	7	101,162	7	113,083
1 1/4	6,392	1 1/4	18,339	1 1/4	30,224	1 1/4	41,858	1 1/4	53,774	1 1/4	65,691	1 1/4	77,586	1 1/4	89,489	1 1/4	101,410	1 1/4	113,331
1 1/2	6,641	1 1/2	18,587	1 1/2	30,466	1 1/2	42,106	1 1/2	54,022	1 1/2	65,939	1 1/2	77,834	1 1/2	89,737	1 1/2	101,658	1 1/2	113,580
3/4	6,890	3/4	18,836	3/4	30,707	3/4	42,354	3/4	54,271	3/4	66,187	3/4	78,081	3/4	89,985	3/4	101,907	3/4	113,828
8	7,138	8	19,085	8	30,948	8	42,602	8	54,519	8	66,435	8	78,328	8	90,234	8	102,155	8	114,076
1 1/4	7,387	1 1/4	19,333	1 1/4	31,188	1 1/4	42,851	1 1/4	54,767	1 1/4	66,684	1 1/4	78,575	1 1/4	90,482	1 1/4	102,403	1 1/4	114,325
1 1/2	7,636	1 1/2	19,582	1 1/2	31,428	1 1/2	43,099	1 1/2	55,015	1 1/2	66,932	1 1/2	78,823	1 1/2	90,730	1 1/2	102,652	1 1/2	114,573
3/4	7,885	3/4	19,830	3/4	31,668	3/4	43,347	3/4	55,264	3/4	67,180	3/4	79,070	3/4	90,979	3/4	102,900	3/4	114,821
9	8,134	9	20,079	9	31,908	9	43,595	9	55,512	9	67,429	9	79,317	9	91,227	9	103,148	9	115,070
1 1/4	8,383	1 1/4	20,327	1 1/4	32,147	1 1/4	43,844	1 1/4	55,760	1 1/4	67,677	1 1/4	79,565	1 1/4	91,475	1 1/4	103,397	1 1/4	115,316
1 1/2	8,632	1 1/2	20,576	1 1/2	32,387	1 1/2	44,092	1 1/2	56,008	1 1/2	67,925	1 1/2	79,812	1 1/2	91,724	1 1/2	103,645	1 1/2	115,566
3/4	8,881	3/4	20,824	3/4	32,627	3/4	44,340	3/4	56,257	3/4	68,173	3/4	80,059	3/4	91,972	3/4	103,894	3/4	115,815
10	9,130	10	21,072	10	32,867	10	44,588	10	56,506	10	68,422	10	80,307	10	92,221	10	104,142	10	116,063
1 1/4	9,379	1 1/4	21,321	1 1/4	33,106	1 1/4	44,837	1 1/4	56,753	1 1/4	68,670	1 1/4	80,554	1 1/4	92,469	1 1/4	104,390	1 1/4	116,311
1 1/2	9,627	1 1/2	21,569	1 1/2	33,346	1 1/2	45,085	1 1/2	57,002	1 1/2	68,918	1 1/2	80,801	1 1/2	92,717	1 1/2	104,639	1 1/2	116,559
3/4	9,876	3/4	21,817	3/4	33,586	3/4	45,333	3/4	57,250	3/4	69,166	3/4	81,049	3/4	92,966	3/4	104,887	3/4	116,807
11	10,125	11	22,066	11	33,826	11	45,581	11	57,498	11	69,415	11	81,296	11	93,214	11	105,135	11	117,055
1 1/4	10,374	1 1/4	22,314	1 1/4	34,066	1 1/4	45,830	1 1/4	57,746	1 1/4	69,663	1 1/4	81,543	1 1/4	93,462	1 1/4	105,384	1 1/4	117,303
1 1/2	10,623	1 1/2	22,563	1 1/2	34,305	1 1/2	46,078	1 1/2	57,995	1 1/2	69,911	1 1/2	81,791	1 1/2	93,711	1 1/2	105,632	1 1/2	117,551
3/4	10,872	3/4	22,811	3/4	34,545	3/4	46,326	3/4	58,243	3/4	70,159	3/4	82,039	3/4	93,959	3/4	105,880	3/4	117,799

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 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2082
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BARGE "IB 1325"

1 CENTER INNAGE TABLE

GAUGE HEIGHT 16'-01 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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	118,047	0	129,131	0	139,328	0	149,525	0	159,722	0	169,919	0	0	0	0	0	0	0	0
1/4	118,295	1/4	129,344	1/4	139,541	1/4	149,738	1/4	159,935	1/4	170,132	1/4							
1/2	118,543	1/2	129,556	1/2	139,753	1/2	149,950	1/2	160,147	1/2	170,328	1/2							
3/4	118,791	3/4	129,769	3/4	139,966	3/4	150,163	3/4	160,360	3/4	170,528	3/4							
1	119,039	1	129,981	1	140,178	1	150,375	1	160,572	1	170,773	1							
1 1/4	119,287	1 1/4	130,194	1 1/4	140,391	1 1/4	150,587	1 1/4	160,784	1 1/4	170,984	1 1/4							
1 1/2	119,535	1 1/2	130,406	1 1/2	140,603	1 1/2	150,800	1 1/2	160,997	1 1/2	171,182	1 1/2							
1 3/4	119,783	1 3/4	130,619	1 3/4	140,815	1 3/4	151,012	1 3/4	161,209	1 3/4	171,378	1 3/4							
2	120,031	2	130,831	2	141,028	2	151,225	2	161,422	2	171,572	2							
2 1/4	120,279	2 1/4	131,043	2 1/4	141,240	2 1/4	151,437	2 1/4	161,634	2 1/4	171,763	2 1/4							
2 1/2	120,527	2 1/2	131,256	2 1/2	141,453	2 1/2	151,650	2 1/2	161,847	2 1/2									
2 3/4	120,775	2 3/4	131,468	2 3/4	141,665	2 3/4	151,862	2 3/4	162,059	2 3/4									
3	121,023	3	131,681	3	141,878	3	152,075	3	162,271	3									
3 1/4	121,271	3 1/4	131,893	3 1/4	142,090	3 1/4	152,287	3 1/4	162,484	3 1/4									
3 1/2	121,519	3 1/2	132,106	3 1/2	142,302	3 1/2	152,499	3 1/2	162,696	3 1/2									
3 3/4	121,767	3 3/4	132,318	3 3/4	142,515	3 3/4	152,712	3 3/4	162,909	3 3/4									
4	122,015	4	132,530	4	142,727	4	152,924	4	163,121	4									
4 1/4	122,263	4 1/4	132,743	4 1/4	142,940	4 1/4	153,137	4 1/4	163,334	4 1/4									
4 1/2	122,511	4 1/2	132,956	4 1/2	143,152	4 1/2	153,349	4 1/2	163,546	4 1/2									
4 3/4	122,759	4 3/4	133,168	4 3/4	143,365	4 3/4	153,562	4 3/4	163,759	4 3/4									
5	123,007	5	133,380	5	143,577	5	153,774	5	163,971	5									
5 1/4	123,255	5 1/4	133,593	5 1/4	143,790	5 1/4	153,986	5 1/4	164,183	5 1/4									
5 1/2	123,494	5 1/2	133,806	5 1/2	144,002	5 1/2	154,199	5 1/2	164,396	5 1/2									
5 3/4	123,737	5 3/4	134,017	5 3/4	144,214	5 3/4	154,411	5 3/4	164,608	5 3/4									
6	123,981	6	134,230	6	144,427	6	154,624	6	164,821	6									
6 1/4	124,206	6 1/4	134,442	6 1/4	144,639	6 1/4	154,836	6 1/4	165,033	6 1/4									
6 1/2	124,432	6 1/2	134,656	6 1/2	144,852	6 1/2	155,049	6 1/2	165,246	6 1/2									
6 3/4	124,657	6 3/4	134,867	6 3/4	145,064	6 3/4	155,261	6 3/4	165,458	6 3/4									
7	124,883	7	135,080	7	145,277	7	155,474	7	165,670	7									
7 1/4	125,095	7 1/4	135,292	7 1/4	145,489	7 1/4	155,686	7 1/4	165,883	7 1/4									
7 1/2	125,308	7 1/2	135,505	7 1/2	145,701	7 1/2	155,898	7 1/2	166,095	7 1/2									
7 3/4	125,520	7 3/4	135,717	7 3/4	145,914	7 3/4	156,111	7 3/4	166,308	7 3/4									
8	125,732	8	135,929	8	146,126	8	156,323	8	166,520	8									
8 1/4	125,946	8 1/4	136,142	8 1/4	146,339	8 1/4	156,536	8 1/4	166,733	8 1/4									
8 1/2	126,157	8 1/2	136,354	8 1/2	146,551	8 1/2	156,748	8 1/2	166,945	8 1/2									
8 3/4	126,370	8 3/4	136,567	8 3/4	146,764	8 3/4	156,961	8 3/4	167,157	8 3/4									
9	126,582	9	136,779	9	146,976	9	157,173	9	167,370	9									
9 1/4	126,795	9 1/4	136,992	9 1/4	147,189	9 1/4	157,385	9 1/4	167,582	9 1/4									
9 1/2	127,007	9 1/2	137,204	9 1/2	147,401	9 1/2	157,598	9 1/2	167,794	9 1/2									
9 3/4	127,220	9 3/4	137,416	9 3/4	147,613	9 3/4	157,810	9 3/4	168,006	9 3/4									
10	127,432	10	137,629	10	147,826	10	158,023	10	168,217	10									
10 1/4	127,644	10 1/4	137,841	10 1/4	148,038	10 1/4	158,235	10 1/4	168,431	10 1/4									
10 1/2	127,857	10 1/2	138,054	10 1/2	148,251	10 1/2	158,448	10 1/2	168,644	10 1/2									
10 3/4	128,069	10 3/4	138,266	10 3/4	148,463	10 3/4	158,660	10 3/4	168,857	10 3/4									
11	128,282	11	138,479	11	148,676	11	158,872	11	169,070	11									
11 1/4	128,494	11 1/4	138,691	11 1/4	148,888	11 1/4	159,085	11 1/4	169,275	11 1/4									
11 1/2	128,707	11 1/2	138,904	11 1/2	149,100	11 1/2	159,297	11 1/2	169,481	11 1/2									
11 3/4	128,919	11 3/4	139,116	11 3/4	149,313	11 3/4	159,510	11 3/4	169,687	11 3/4									

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/21/2020 JS
CALCULATED: 04/21/2020 CL
PRINTED: 04/21/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

PRECISION MEASUREMENT
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BARGE "IB 1325"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-02 1/4"

DI	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	74	9,434	19,703	29,813	39,988	50,257	60,527	70,796	81,065	91,335
1/4	138	9,648	19,917	30,020	40,202	50,471	60,741	71,010	81,279	91,549
1/2	202	9,862	20,130	30,228	40,416	50,685	60,955	71,224	81,493	91,763
3/4	266	10,076	20,344	30,436	40,630	50,899	61,169	71,438	81,707	91,977
1	330	10,289	20,558	30,643	40,844	51,113	61,383	71,652	81,921	92,191
1 1/4	477	10,503	20,772	30,851	41,058	51,327	61,597	71,866	82,135	92,405
1 1/2	624	10,717	20,986	31,059	41,272	51,541	61,810	72,080	82,349	92,618
3/4	771	10,931	21,200	31,266	41,486	51,755	62,024	72,294	82,563	92,832
2	917	11,145	21,414	31,474	41,700	51,989	62,238	72,508	82,777	93,046
1 1/4	1,122	11,359	21,628	31,682	41,914	52,183	62,452	72,722	82,991	93,260
1 1/2	1,327	11,573	21,842	31,890	42,128	52,387	62,666	72,936	83,205	93,474
3/4	1,531	11,787	22,056	32,087	42,342	52,611	62,880	73,150	83,419	93,688
3	1,736	12,001	22,270	32,305	42,555	52,825	63,094	73,363	83,633	93,902
1 1/4	1,949	12,215	22,484	32,514	42,769	53,039	63,308	73,572	83,847	94,116
1 1/2	2,162	12,429	22,698	32,723	42,983	53,263	63,522	73,791	84,081	94,330
3/4	2,375	12,643	22,912	32,933	43,197	53,487	63,736	74,005	84,275	94,544
4	2,589	12,857	23,126	33,142	43,411	53,681	63,950	74,219	84,489	94,758
1 1/4	2,802	13,071	23,340	33,356	43,625	53,885	64,164	74,433	84,703	94,972
1 1/2	3,016	13,285	23,553	33,570	43,839	54,100	64,378	74,647	84,916	95,186
3/4	3,230	13,498	23,767	33,784	44,053	54,322	64,592	74,861	85,130	95,400
5	3,444	13,712	23,981	33,998	44,267	54,536	64,806	75,075	85,344	95,614
1 1/4	3,657	13,926	24,194	34,212	44,481	54,750	65,020	75,289	85,558	95,828
1 1/2	3,871	14,140	24,408	34,426	44,695	54,964	65,234	75,503	85,772	96,042
3/4	4,085	14,354	24,618	34,640	44,909	55,178	65,448	75,717	85,986	96,256
6	4,299	14,568	24,831	34,853	45,123	55,392	65,661	75,931	86,200	96,469
1 1/4	4,513	14,782	25,038	35,067	45,337	55,606	65,875	76,145	86,414	96,683
1 1/2	4,727	14,996	25,245	35,281	45,551	55,820	66,089	76,359	86,628	96,897
3/4	4,941	15,210	25,453	35,495	45,765	56,034	66,303	76,573	86,842	97,111
7	5,155	15,424	25,660	35,709	45,979	56,248	66,517	76,787	87,056	97,325
1 1/4	5,369	15,638	25,868	35,923	46,193	56,462	66,731	77,001	87,270	97,539
1 1/2	5,583	15,852	26,075	36,137	46,407	56,676	66,945	77,214	87,484	97,753
3/4	5,797	16,066	26,283	36,351	46,620	56,890	67,159	77,428	87,698	97,967
8	6,011	16,280	26,490	36,565	46,834	57,104	67,373	77,642	87,912	98,181
1 1/4	6,225	16,494	26,698	36,779	47,048	57,318	67,587	77,856	88,126	98,395
1 1/2	6,439	16,708	26,905	36,993	47,262	57,532	67,801	78,070	88,340	98,609
3/4	6,653	16,921	27,113	37,207	47,476	57,746	68,015	78,284	88,554	98,823
9	6,866	17,135	27,321	37,421	47,690	57,959	68,229	78,498	88,767	99,037
1 1/4	7,080	17,349	27,528	37,635	47,904	58,173	68,443	78,712	88,981	99,251
1 1/2	7,294	17,563	27,736	37,849	48,118	58,387	68,657	78,926	89,195	99,465
3/4	7,508	17,777	27,944	38,063	48,332	58,601	68,871	79,140	89,409	99,679
10	7,722	17,991	28,151	38,277	48,546	58,815	69,085	79,354	89,623	99,893
1 1/4	7,936	18,205	28,359	38,491	48,760	59,029	69,299	79,568	89,837	100,107
1 1/2	8,150	18,419	28,567	38,704	48,974	59,243	69,512	79,782	90,051	100,320
3/4	8,364	18,633	28,774	38,918	49,188	59,457	69,726	79,996	90,265	100,534
11	8,578	18,847	28,982	39,132	49,402	59,671	69,940	80,210	90,479	100,748
1 1/4	8,792	19,061	29,190	39,346	49,616	59,885	70,154	80,424	90,693	100,962
1 1/2	9,006	19,275	29,397	39,560	49,830	60,099	70,368	80,638	90,907	101,176
3/4	9,220	19,489	29,605	39,774	50,044	60,313	70,582	80,852	91,121	101,390

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 23'-08" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77586
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BARGE "IB 1325"

2 CENTER INNAGE TABLE

GAUGE HEIGHT 16'-02 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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	101,504	0	111,873	0	122,143	0	132,412	0	142,681	0	152,950	0	0	0	0	0	0	0	0
1/4	101,818	1/4	112,087	1/4	122,357	1/4	132,626	1/4	142,895	1/4	153,164	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	102,032	1/2	112,301	1/2	122,571	1/2	132,840	1/2	143,109	1/2	153,378	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	102,246	3/4	112,515	3/4	122,785	3/4	133,054	3/4	143,323	3/4	153,592	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	102,460	1	112,729	1	122,999	1	133,268	1	143,537	1	153,806	1	1	1	1	1	1	1	1
1 1/4	102,674	1 1/4	112,943	1 1/4	123,213	1 1/4	133,482	1 1/4	143,751	1 1/4	154,020	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	102,888	1 1/2	113,157	1 1/2	123,426	1 1/2	133,696	1 1/2	143,965	1 1/2	154,234	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	103,102	3/4	113,371	3/4	123,640	3/4	133,910	3/4	144,179	3/4	154,448	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	103,316	2	113,585	2	123,854	2	134,124	2	144,393	2	154,662	2	2	2	2	2	2	2	2
1 1/4	103,530	1 1/4	113,799	1 1/4	124,068	1 1/4	134,338	1 1/4	144,607	1 1/4	154,876	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	103,744	1 1/2	114,013	1 1/2	124,282	1 1/2	134,552	1 1/2	144,821	1 1/2	155,090	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	103,958	3/4	114,227	3/4	124,496	3/4	134,766	3/4	145,035	3/4	155,304	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	104,171	3	114,441	3	124,710	3	134,979	3	145,249	3	155,518	3	3	3	3	3	3	3	3
1 1/4	104,385	1 1/4	114,655	1 1/4	124,924	1 1/4	135,193	1 1/4	145,463	1 1/4	155,732	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	104,599	1 1/2	114,869	1 1/2	125,138	1 1/2	135,407	1 1/2	145,677	1 1/2	155,946	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	104,813	3/4	115,083	3/4	125,352	3/4	135,621	3/4	145,891	3/4	156,160	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	105,027	4	115,297	4	125,566	4	135,835	4	146,105	4	156,374	4	4	4	4	4	4	4	4
1 1/4	105,241	1 1/4	115,511	1 1/4	125,780	1 1/4	136,049	1 1/4	146,319	1 1/4	156,588	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	105,455	1 1/2	115,724	1 1/2	125,994	1 1/2	136,263	1 1/2	146,532	1 1/2	156,802	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	105,669	3/4	115,938	3/4	126,208	3/4	136,477	3/4	146,746	3/4	157,016	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	105,883	5	116,152	5	126,422	5	136,691	5	146,960	5	157,230	5	5	5	5	5	5	5	5
1 1/4	106,097	1 1/4	116,366	1 1/4	126,636	1 1/4	136,905	1 1/4	147,174	1 1/4	157,444	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	106,311	1 1/2	116,580	1 1/2	126,850	1 1/2	137,119	1 1/2	147,388	1 1/2	157,658	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	106,525	3/4	116,794	3/4	127,064	3/4	137,333	3/4	147,602	3/4	157,872	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	106,739	6	117,008	6	127,277	6	137,547	6	147,816	6	158,086	6	6	6	6	6	6	6	6
1 1/4	106,953	1 1/4	117,222	1 1/4	127,491	1 1/4	137,761	1 1/4	148,030	1 1/4	158,300	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	107,167	1 1/2	117,436	1 1/2	127,705	1 1/2	137,975	1 1/2	148,244	1 1/2	158,514	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	107,381	3/4	117,650	3/4	127,919	3/4	138,189	3/4	148,458	3/4	158,728	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	107,595	7	117,864	7	128,133	7	138,403	7	148,672	7	158,942	7	7	7	7	7	7	7	7
1 1/4	107,809	1 1/4	118,078	1 1/4	128,347	1 1/4	138,617	1 1/4	148,886	1 1/4	159,156	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	108,022	1 1/2	118,292	1 1/2	128,561	1 1/2	138,830	1 1/2	149,100	1 1/2	159,370	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	108,236	3/4	118,506	3/4	128,775	3/4	139,044	3/4	149,314	3/4	159,584	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	108,450	8	118,720	8	128,989	8	139,258	8	149,528	8	159,798	8	8	8	8	8	8	8	8
1 1/4	108,664	1 1/4	118,934	1 1/4	129,203	1 1/4	139,472	1 1/4	149,742	1 1/4	159,912	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	108,878	1 1/2	119,148	1 1/2	129,417	1 1/2	139,686	1 1/2	149,956	1 1/2	160,126	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	109,092	3/4	119,362	3/4	129,631	3/4	139,900	3/4	150,170	3/4	160,340	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	109,306	9	119,576	9	129,845	9	140,114	9	150,384	9	160,554	9	9	9	9	9	9	9	9
1 1/4	109,520	1 1/4	119,790	1 1/4	130,059	1 1/4	140,328	1 1/4	150,598	1 1/4	160,768	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	109,734	1 1/2	120,003	1 1/2	130,273	1 1/2	140,542	1 1/2	150,812	1 1/2	160,982	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	109,948	3/4	120,217	3/4	130,487	3/4	140,756	3/4	151,026	3/4	161,196	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	110,162	10	120,431	10	130,701	10	140,970	10	151,240	10	161,410	10	10	10	10	10	10	10	10
1 1/4	110,376	1 1/4	120,645	1 1/4	130,915	1 1/4	141,184	1 1/4	151,454	1 1/4	161,624	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	110,590	1 1/2	120,859	1 1/2	131,128	1 1/2	141,398	1 1/2	151,668	1 1/2	161,838	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	110,804	3/4	121,073	3/4	131,342	3/4	141,612	3/4	151,882	3/4	162,052	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	111,018	11	121,287	11	131,556	11	141,826	11	152,096	11	162,266	11	11	11	11	11	11	11	11
1 1/4	111,232	1 1/4	121,501	1 1/4	131,770	1 1/4	142,040	1 1/4	152,310	1 1/4	162,480	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	111,446	1 1/2	121,715	1 1/2	131,984	1 1/2	142,254	1 1/2	152,524	1 1/2	162,694	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	111,660	3/4	121,929	3/4	132,198	3/4	142,468	3/4	152,738	3/4	162,908	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: 04/21/2020 JS
CALCULATED: 04/21/2020 CL
PRINTED: 04/21/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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



BARGE "IB 1325"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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		9,806	0	19,653	0	30,176	0	40,612	0	50,860	0	61,208	0	71,556	0	81,903	0	92,251
1/4	139	1/4	9,721	1/4	20,069	1/4	30,391	1/4	40,728	1/4	51,075	1/4	61,423	1/4	71,771	1/4	82,119	1/4	92,467
1/2	203	1/2	9,937	1/2	20,284	1/2	30,606	1/2	40,943	1/2	51,291	1/2	61,639	1/2	71,987	1/2	82,335	1/2	92,682
3/4	268	3/4	10,152	3/4	20,500	3/4	30,820	3/4	41,169	3/4	51,507	3/4	61,854	3/4	72,202	3/4	82,550	3/4	92,898
1	333	1	10,368	1	20,716	1	31,036	1	41,374	1	51,722	1	62,070	1	72,418	1	82,766	1	93,114
1 1/4	480	1 1/4	10,583	1 1/4	20,931	1 1/4	31,250	1 1/4	41,590	1 1/4	51,938	1 1/4	62,286	1 1/4	72,633	1 1/4	82,981	1 1/4	93,329
1 1/2	628	1 1/2	10,799	1 1/2	21,146	1 1/2	31,464	1 1/2	41,805	1 1/2	52,153	1 1/2	62,501	1 1/2	72,849	1 1/2	83,197	1 1/2	93,545
3/4	776	3/4	11,015	3/4	21,362	3/4	31,679	3/4	42,021	3/4	52,369	3/4	62,717	3/4	73,065	3/4	83,413	3/4	93,760
2	924	2	11,230	2	21,578	2	31,884	2	42,237	2	52,584	2	62,932	2	73,280	2	83,628	2	93,976
1 1/4	1,130	1 1/4	11,446	1 1/4	21,793	1 1/4	32,108	1 1/4	42,452	1 1/4	52,800	1 1/4	63,148	1 1/4	73,496	1 1/4	83,844	1 1/4	94,192
1 1/2	1,337	1 1/2	11,661	1 1/2	22,009	1 1/2	32,323	1 1/2	42,666	1 1/2	53,016	1 1/2	63,363	1 1/2	73,711	1 1/2	84,059	1 1/2	94,407
3/4	1,543	3/4	11,877	3/4	22,224	3/4	32,538	3/4	42,883	3/4	53,231	3/4	63,579	3/4	73,927	3/4	84,275	3/4	94,623
3	1,749	3	12,092	3	22,440	3	32,753	3	43,099	3	53,447	3	63,795	3	74,143	3	84,490	3	94,838
1 1/4	1,964	1 1/4	12,308	1 1/4	22,655	1 1/4	32,968	1 1/4	43,314	1 1/4	53,662	1 1/4	64,010	1 1/4	74,358	1 1/4	84,706	1 1/4	95,054
1 1/2	2,179	1 1/2	12,524	1 1/2	22,871	1 1/2	33,183	1 1/2	43,530	1 1/2	53,878	1 1/2	64,228	1 1/2	74,574	1 1/2	84,922	1 1/2	95,289
3/4	2,393	3/4	12,739	3/4	23,087	3/4	33,398	3/4	43,748	3/4	54,094	3/4	64,441	3/4	74,789	3/4	85,137	3/4	95,485
4	2,608	4	12,955	4	23,302	4	33,613	4	43,961	4	54,309	4	64,657	4	75,005	4	85,353	4	95,701
1 1/4	2,823	1 1/4	13,170	1 1/4	23,518	1 1/4	33,829	1 1/4	44,177	1 1/4	54,525	1 1/4	64,873	1 1/4	75,220	1 1/4	85,568	1 1/4	95,916
1 1/2	3,039	1 1/2	13,386	1 1/2	23,733	1 1/2	34,045	1 1/2	44,392	1 1/2	54,740	1 1/2	65,088	1 1/2	75,436	1 1/2	85,784	1 1/2	96,132
3/4	3,254	3/4	13,601	3/4	23,949	3/4	34,260	3/4	44,608	3/4	54,956	3/4	65,304	3/4	75,652	3/4	85,999	3/4	96,347
5	3,470	5	13,817	5	24,164	5	34,476	5	44,824	5	55,171	5	65,519	5	75,867	5	86,215	5	96,563
1 1/4	3,685	1 1/4	14,033	1 1/4	24,380	1 1/4	34,691	1 1/4	45,039	1 1/4	55,387	1 1/4	65,735	1 1/4	76,083	1 1/4	86,431	1 1/4	96,779
1 1/2	3,901	1 1/2	14,248	1 1/2	24,595	1 1/2	34,907	1 1/2	45,255	1 1/2	55,603	1 1/2	65,950	1 1/2	76,298	1 1/2	86,646	1 1/2	96,994
3/4	4,116	3/4	14,464	3/4	24,810	3/4	35,122	3/4	45,470	3/4	55,818	3/4	66,168	3/4	76,514	3/4	86,862	3/4	97,210
6	4,332	6	14,679	6	25,026	6	35,338	6	45,686	6	56,034	6	66,382	6	76,730	6	87,077	6	97,425
1 1/4	4,547	1 1/4	14,895	1 1/4	25,240	1 1/4	35,554	1 1/4	45,901	1 1/4	56,249	1 1/4	66,597	1 1/4	76,945	1 1/4	87,293	1 1/4	97,641
1 1/2	4,763	1 1/2	15,110	1 1/2	25,455	1 1/2	35,769	1 1/2	46,117	1 1/2	56,465	1 1/2	66,813	1 1/2	77,161	1 1/2	87,509	1 1/2	97,856
3/4	4,979	3/4	15,326	3/4	25,670	3/4	35,985	3/4	46,333	3/4	56,680	3/4	67,028	3/4	77,376	3/4	87,724	3/4	98,072
7	5,194	7	15,542	7	25,884	7	36,200	7	46,548	7	56,896	7	67,244	7	77,592	7	87,940	7	98,288
1 1/4	5,410	1 1/4	15,757	1 1/4	26,099	1 1/4	36,416	1 1/4	46,764	1 1/4	57,112	1 1/4	67,460	1 1/4	77,807	1 1/4	88,155	1 1/4	98,503
1 1/2	5,625	1 1/2	15,973	1 1/2	26,313	1 1/2	36,631	1 1/2	46,979	1 1/2	57,327	1 1/2	67,675	1 1/2	78,023	1 1/2	88,371	1 1/2	98,719
3/4	5,841	3/4	16,188	3/4	26,528	3/4	36,847	3/4	47,195	3/4	57,543	3/4	67,891	3/4	78,239	3/4	88,586	3/4	98,934
8	6,056	8	16,404	8	26,743	8	37,063	8	47,411	8	57,758	8	68,108	8	78,454	8	88,802	8	99,150
1 1/4	6,272	1 1/4	16,619	1 1/4	26,957	1 1/4	37,278	1 1/4	47,628	1 1/4	57,974	1 1/4	68,322	1 1/4	78,670	1 1/4	89,018	1 1/4	99,365
1 1/2	6,488	1 1/2	16,835	1 1/2	27,172	1 1/2	37,494	1 1/2	47,842	1 1/2	58,190	1 1/2	68,537	1 1/2	78,885	1 1/2	89,233	1 1/2	99,581
3/4	6,703	3/4	17,051	3/4	27,387	3/4	37,709	3/4	48,057	3/4	58,405	3/4	68,753	3/4	79,101	3/4	89,449	3/4	99,797
9	6,919	9	17,266	9	27,601	9	37,925	9	48,273	9	58,621	9	68,969	9	79,316	9	89,664	9	100,012
1 1/4	7,134	1 1/4	17,482	1 1/4	27,816	1 1/4	38,141	1 1/4	48,488	1 1/4	58,836	1 1/4	69,184	1 1/4	79,532	1 1/4	89,880	1 1/4	100,228
1 1/2	7,350	1 1/2	17,697	1 1/2	28,030	1 1/2	38,356	1 1/2	48,704	1 1/2	59,052	1 1/2	69,400	1 1/2	79,748	1 1/2	90,096	1 1/2	100,443
3/4	7,565	3/4	17,913	3/4	28,245	3/4	38,572	3/4	48,920	3/4	59,267	3/4	69,615	3/4	79,963	3/4	90,311	3/4	100,659
10	7,781	10	18,128	10	28,460	10	38,787	10	49,135	10	59,483	10	69,831	10	80,179	10	90,527	10	100,875
1 1/4	7,997	1 1/4	18,344	1 1/4	28,674	1 1/4	39,003	1 1/4	49,351	1 1/4	59,699	1 1/4	70,047	1 1/4	80,394	1 1/4	90,742	1 1/4	101,090
1 1/2	8,212	1 1/2	18,560	1 1/2	28,889	1 1/2	39,218	1 1/2	49,566	1 1/2	59,914	1 1/2	70,262	1 1/2	80,610	1 1/2	90,958	1 1/2	101,306
3/4	8,428	3/4	18,775	3/4	29,103	3/4	39,434	3/4	49,782	3/4	60,130	3/4	70,478	3/4	80,826	3/4	91,173	3/4	101,521
11	8,643	11	18,991	11	29,318	11	39,650	11	49,997	11	60,345	11	70,693	11	81,041	11	91,389	11	101,737
1 1/4	8,859	1 1/4	19,206	1 1/4	29,533	1 1/4	39,865	1 1/4	50,213	1 1/4	60,561	1 1/4	70,909	1 1/4	81,257	1 1/4	91,605	1 1/4	101,952
1 1/2	9,074	1 1/2	19,422	1 1/2	29,747	1 1/2	40,081	1 1/2	50,429	1 1/2	60,777	1 1/2	71,124	1 1/2	81,472	1 1/2	91,820	1 1/2	102,168
3/4	9,290	3/4	19,637	3/4	29,962	3/4	40,296	3/4	50,644	3/4	60,992	3/4	71,340	3/4	81,688	3/4	92,036	3/4	102,384

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 24'-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 1325"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 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	102,599	0	112,947	0	123,295	0	133,643	0	143,991	0	154,339	0	164,687	0	175,035	0	185,383	0	195,731
1/4	102,815	1/4	113,163	1/4	123,511	1/4	133,859	1/4	144,207	1/4	154,555	1/4	164,903	1/4	175,251	1/4	185,599	1/4	195,947
1/2	103,030	1/2	113,378	1/2	123,728	1/2	134,074	1/2	144,422	1/2	154,770	1/2	165,118	1/2	175,466	1/2	185,814	1/2	196,162
3/4	103,246	3/4	113,594	3/4	123,942	3/4	134,290	3/4	144,637	3/4	154,985	3/4	165,333	3/4	175,681	3/4	186,029	3/4	196,377
1	103,462	1	113,809	1	124,157	1	134,505	1	144,853	1	155,201	1	165,549	1	175,897	1	186,245	1	196,593
1 1/4	103,677	1 1/4	114,025	1 1/4	124,373	1 1/4	134,721	1 1/4	145,069	1 1/4	155,417	1 1/4	165,765	1 1/4	176,113	1 1/4	186,461	1 1/4	196,809
1 1/2	103,893	1 1/2	114,241	1 1/2	124,588	1 1/2	134,936	1 1/2	145,284	1 1/2	155,632	1 1/2	165,980	1 1/2	176,328	1 1/2	186,676	1 1/2	197,024
3/4	104,108	3/4	114,456	3/4	124,804	3/4	135,152	3/4	145,532	3/4	155,880	3/4	166,228	3/4	176,576	3/4	186,924	3/4	197,272
2	104,324	2	114,672	2	125,020	2	135,367	2	145,715	2	156,063	2	166,411	2	176,759	2	187,107	2	197,460
2 1/4	104,539	2 1/4	114,887	2 1/4	125,235	2 1/4	135,583	2 1/4	145,931	2 1/4	156,279	2 1/4	166,627	2 1/4	176,975	2 1/4	187,323	2 1/4	197,671
2 1/2	104,755	2 1/2	115,103	2 1/2	125,451	2 1/2	135,799	2 1/2	146,147	2 1/2	156,495	2 1/2	166,843	2 1/2	177,191	2 1/2	187,539	2 1/2	197,887
3/4	104,971	3/4	115,318	3/4	125,665	3/4	136,014	3/4	146,362	3/4	156,710	3/4	167,058	3/4	177,406	3/4	187,754	3/4	198,135
3	105,186	3	115,534	3	125,882	3	136,230	3	146,578	3	156,926	3	167,276	3	177,624	3	187,972	3	198,383
3 1/4	105,402	3 1/4	115,750	3 1/4	126,098	3 1/4	136,445	3 1/4	146,793	3 1/4	157,139	3 1/4	167,494	3 1/4	177,842	3 1/4	188,190	3 1/4	198,635
3 1/2	105,617	3 1/2	115,965	3 1/2	126,313	3 1/2	136,661	3 1/2	147,009	3 1/2	157,355	3 1/2	167,749	3 1/2	178,097	3 1/2	188,445	3 1/2	198,889
3/4	105,833	3/4	116,181	3/4	126,529	3/4	136,877	3/4	147,224	3/4	157,570	3/4	167,964	3/4	178,312	3/4	188,660	3/4	199,135
4	106,048	4	116,396	4	126,744	4	137,092	4	147,440	4	157,776	4	168,112	4	178,448	4	188,784	4	199,383
4 1/4	106,264	4 1/4	116,612	4 1/4	126,960	4 1/4	137,308	4 1/4	147,656	4 1/4	157,992	4 1/4	168,328	4 1/4	178,664	4 1/4	189,000	4 1/4	199,635
4 1/2	106,480	4 1/2	116,828	4 1/2	127,175	4 1/2	137,523	4 1/2	147,871	4 1/2	158,139	4 1/2	168,544	4 1/2	178,880	4 1/2	189,216	4 1/2	199,889
3/4	106,695	3/4	117,043	3/4	127,391	3/4	137,739	3/4	148,087	3/4	158,355	3/4	168,702	3/4	179,038	3/4	189,374	3/4	199,947
5	106,911	5	117,259	5	127,607	5	137,954	5	148,302	5	158,570	5	168,886	5	179,202	5	189,518	5	199,947
5 1/4	107,126	5 1/4	117,474	5 1/4	127,822	5 1/4	138,170	5 1/4	148,518	5 1/4	158,786	5 1/4	169,102	5 1/4	179,418	5 1/4	189,734	5 1/4	199,947
5 1/2	107,342	5 1/2	117,690	5 1/2	128,038	5 1/2	138,386	5 1/2	148,733	5 1/2	159,030	5 1/2	169,327	5 1/2	179,624	5 1/2	189,921	5 1/2	199,947
3/4	107,558	3/4	117,905	3/4	128,253	3/4	138,601	3/4	149,080	3/4	159,377	3/4	169,674	3/4	180,000	3/4	190,297	3/4	199,947
6	107,773	6	118,121	6	128,469	6	138,817	6	149,165	6	159,452	6	169,749	6	180,042	6	190,338	6	199,947
6 1/4	107,989	6 1/4	118,337	6 1/4	128,684	6 1/4	139,032	6 1/4	149,380	6 1/4	159,667	6 1/4	170,004	6 1/4	180,291	6 1/4	190,578	6 1/4	199,947
6 1/2	108,204	6 1/2	118,552	6 1/2	128,900	6 1/2	139,248	6 1/2	149,596	6 1/2	159,854	6 1/2	170,192	6 1/2	180,479	6 1/2	190,766	6 1/2	199,947
3/4	108,420	3/4	118,768	3/4	129,116	3/4	139,464	3/4	149,811	3/4	159,999	3/4	170,288	3/4	180,575	3/4	190,852	3/4	199,947
7	108,635	7	118,983	7	129,331	7	139,679	7	150,027	7	160,115	7	170,376	7	180,663	7	190,939	7	199,947
7 1/4	108,851	7 1/4	119,199	7 1/4	129,547	7 1/4	139,895	7 1/4	150,243	7 1/4	160,331	7 1/4	170,592	7 1/4	180,879	7 1/4	191,115	7 1/4	199,947
7 1/2	109,067	7 1/2	119,415	7 1/2	129,762	7 1/2	140,110	7 1/2	150,458	7 1/2	160,558	7 1/2	170,700	7 1/2	180,987	7 1/2	191,271	7 1/2	199,947
3/4	109,282	3/4	119,630	3/4	129,978	3/4	140,326	3/4	150,674	3/4	160,774	3/4	170,890	3/4	181,177	3/4	191,423	3/4	199,947
8	109,498	8	119,846	8	130,194	8	140,541	8	150,889	8	160,992	8	171,000	8	181,287	8	191,534	8	199,947
8 1/4	109,713	8 1/4	120,061	8 1/4	130,409	8 1/4	140,757	8 1/4	151,105	8 1/4	161,199	8 1/4	171,207	8 1/4	181,494	8 1/4	191,745	8 1/4	199,947
8 1/2	109,929	8 1/2	120,277	8 1/2	130,625	8 1/2	140,973	8 1/2	151,320	8 1/2	161,320	8 1/2	171,414	8 1/2	181,701	8 1/2	191,952	8 1/2	199,947
3/4	110,145	3/4	120,492	3/4	130,840	3/4	141,188	3/4	151,536	3/4	161,516	3/4	171,510	3/4	181,797	3/4	192,099	3/4	199,947
9	110,360	9	120,708	9	131,056	9	141,404	9	151,751	9	161,751	9	171,745	9	182,032	9	192,314	9	199,947
9 1/4	110,576	9 1/4	120,924	9 1/4	131,271	9 1/4	141,619	9 1/4	151,967	9 1/4	161,967	9 1/4	171,961	9 1/4	182,248	9 1/4	192,529	9 1/4	199,947
9 1/2	110,791	9 1/2	121,139	9 1/2	131,487	9 1/2	141,835	9 1/2	152,182	9 1/2	162,182	9 1/2	172,176	9 1/2	182,463	9 1/2	192,735	9 1/2	199,947
3/4	111,007	3/4	121,355	3/4	131,703	3/4	142,050	3/4	152,397	3/4	162,397	3/4	172,391	3/4	182,678	3/4	192,946	3/4	199,947
10	111,222	10	121,570	10	131,918	10	142,266	10	152,612	10	162,612	10	172,606	10	182,893	10	193,144	10	199,947
10 1/4	111,438	10 1/4	121,786	10 1/4	132,134	10 1/4	142,482	10 1/4	152,824	10 1/4	162,824	10 1/4	172,818	10 1/4	183,105	10 1/4	193,355	10 1/4	199,947
10 1/2	111,654	10 1/2	122,001	10 1/2	132,349	10 1/2	142,697	10 1/2	153,036	10 1/2	163,036	10 1/2	173,030	10 1/2	183,317	10 1/2	193,566	10 1/2	199,947
3/4	111,869	3/4	122,217	3/4	132,565	3/4	142,913	3/4	153,249	3/4	163,249	3/4	173,243	3/4	183,530	3/4	193,771	3/4	199,947
11	112,085	11	122,433	11	132,781	11	143,128	11	153,461	11	163,461	11	173,455	11	183,742	11	194,022	11	199,947
11 1/4	112,300	11 1/4	122,648	11 1/4	132,996	11 1/4	143,344	11 1/4	153,651	11 1/4	163,651	11 1/4	173,645	11 1/4	183,932	11 1/4	194,173	11 1/4	199,947
11 1/2	112,516	11 1/2	122,864	11 1/2	133,212	11 1/2	143,560	11 1/2	153,841	11 1/2	163,841	11 1/2	173,835	11 1/2	184,122	11 1/2	194,383	11 1/2	199,947
3/4	112,731	3/4	123,079	3/4	133,427	3/4	143,775	3/4	154,031	3/4	164,031	3/4	174,025	3/4	184,312	3/4	194,534	3/4	199,947

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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2020

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