



BARGE: DBL 144

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	00-1/8	- 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
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

LENGTH BETWEEN DRAFT MARKS: 162'-03"

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'

August 24, 2020



BARGE "DBL 144"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	27	0	9,453	0	20,005	0	30,797	0	41,589	0	52,275	0	63,071	0	73,868	0	84,664	0	95,456
1/4	65	1/4	9,677	1/4	20,230	1/4	31,022	1/4	41,811	1/4	52,500	1/4	63,296	1/4	74,093	1/4	84,888	1/4	95,681
1/2	102	1/2	9,902	1/2	20,455	1/2	31,247	1/2	42,033	1/2	52,724	1/2	63,521	1/2	74,318	1/2	85,113	1/2	95,905
3/4	140	3/4	10,127	3/4	20,680	3/4	31,472	3/4	42,255	3/4	52,949	3/4	63,746	3/4	74,542	3/4	85,338	3/4	96,130
1	178	1	10,352	1	20,905	1	31,697	1	42,476	1	53,174	1	63,971	1	74,767	1	85,563	1	96,355
1/4	290	1/4	10,571	1/4	21,130	1/4	31,921	1/4	42,698	1/4	53,399	1/4	64,196	1/4	74,992	1/4	85,788	1/4	96,580
1/2	403	1/2	10,790	1/2	21,354	1/2	32,146	1/2	42,920	1/2	53,624	1/2	64,421	1/2	75,217	1/2	86,013	1/2	96,805
3/4	516	3/4	11,009	3/4	21,579	3/4	32,371	3/4	43,142	3/4	53,849	3/4	64,646	3/4	75,442	3/4	86,237	3/4	97,030
2	628	2	11,228	2	21,804	2	32,596	2	43,364	2	54,074	2	64,871	2	75,667	2	86,462	2	97,254
1/4	816	1/4	11,447	1/4	22,029	1/4	32,821	1/4	43,586	1/4	54,299	1/4	65,095	1/4	75,892	1/4	86,687	1/4	97,479
1/2	1,004	1/2	11,665	1/2	22,254	1/2	33,046	1/2	43,808	1/2	54,524	1/2	65,320	1/2	76,117	1/2	86,912	1/2	97,704
3/4	1,191	3/4	11,884	3/4	22,479	3/4	33,270	3/4	44,029	3/4	54,749	3/4	65,545	3/4	76,342	3/4	87,137	3/4	97,929
3	1,379	3	12,103	3	22,703	3	33,495	3	44,251	3	54,974	3	65,770	3	76,567	3	87,362	3	98,154
1/4	1,601	1/4	12,322	1/4	22,928	1/4	33,720	1/4	44,473	1/4	55,199	1/4	65,995	1/4	76,792	1/4	87,586	1/4	98,379
1/2	1,822	1/2	12,541	1/2	23,153	1/2	33,945	1/2	44,695	1/2	55,424	1/2	66,220	1/2	77,017	1/2	87,811	1/2	98,603
3/4	2,044	3/4	12,759	3/4	23,378	3/4	34,170	3/4	44,917	3/4	55,649	3/4	66,445	3/4	77,242	3/4	88,036	3/4	98,828
4	2,266	4	12,978	4	23,603	4	34,395	4	45,139	4	55,873	4	66,670	4	77,467	4	88,261	4	99,053
1/4	2,489	1/4	13,197	1/4	23,828	1/4	34,619	1/4	45,361	1/4	56,098	1/4	66,895	1/4	77,691	1/4	88,486	1/4	99,278
1/2	2,713	1/2	13,416	1/2	24,052	1/2	34,844	1/2	45,582	1/2	56,323	1/2	67,120	1/2	77,916	1/2	88,711	1/2	99,503
3/4	2,936	3/4	13,635	3/4	24,277	3/4	35,069	3/4	45,804	3/4	56,548	3/4	67,345	3/4	78,141	3/4	88,935	3/4	99,728
5	3,160	5	13,854	5	24,502	5	35,294	5	46,026	5	56,773	5	67,570	5	78,366	5	89,160	5	99,952
1/4	3,384	1/4	14,072	1/4	24,727	1/4	35,519	1/4	46,248	1/4	56,998	1/4	67,795	1/4	78,591	1/4	89,385	1/4	100,177
1/2	3,608	1/2	14,291	1/2	24,952	1/2	35,743	1/2	46,470	1/2	57,223	1/2	68,020	1/2	78,816	1/2	89,610	1/2	100,402
3/4	3,832	3/4	14,510	3/4	25,177	3/4	35,968	3/4	46,692	3/4	57,448	3/4	68,244	3/4	79,041	3/4	89,835	3/4	100,627
6	4,056	6	14,729	6	25,401	6	36,193	6	46,914	6	57,673	6	68,469	6	79,266	6	90,060	6	100,852
1/4	4,281	1/4	14,948	1/4	25,626	1/4	36,418	1/4	47,135	1/4	57,898	1/4	68,694	1/4	79,491	1/4	90,284	1/4	101,077
1/2	4,506	1/2	15,167	1/2	25,851	1/2	36,643	1/2	47,357	1/2	58,123	1/2	68,919	1/2	79,716	1/2	90,509	1/2	101,301
3/4	4,730	3/4	15,386	3/4	26,076	3/4	36,868	3/4	47,579	3/4	58,348	3/4	69,144	3/4	79,941	3/4	90,734	3/4	101,526
7	4,955	7	15,604	7	26,301	7	37,092	7	47,801	7	58,573	7	69,369	7	80,166	7	90,959	7	101,751
1/4	5,180	1/4	15,823	1/4	26,525	1/4	37,317	1/4	48,023	1/4	58,797	1/4	69,594	1/4	80,391	1/4	91,184	1/4	101,976
1/2	5,405	1/2	16,042	1/2	26,750	1/2	37,542	1/2	48,245	1/2	59,022	1/2	69,819	1/2	80,616	1/2	91,409	1/2	102,201
3/4	5,630	3/4	16,261	3/4	26,975	3/4	37,767	3/4	48,466	3/4	59,247	3/4	70,044	3/4	80,840	3/4	91,633	3/4	102,426
8	5,855	8	16,480	8	27,200	8	37,992	8	48,688	8	59,472	8	70,269	8	81,065	8	91,858	8	102,650
1/4	6,080	1/4	16,699	1/4	27,425	1/4	38,217	1/4	48,912	1/4	59,697	1/4	70,494	1/4	81,290	1/4	92,083	1/4	102,875
1/2	6,305	1/2	16,918	1/2	27,650	1/2	38,441	1/2	49,135	1/2	59,922	1/2	70,719	1/2	81,515	1/2	92,308	1/2	103,100
3/4	6,530	3/4	17,136	3/4	27,874	3/4	38,666	3/4	49,358	3/4	60,147	3/4	70,944	3/4	81,740	3/4	92,533	3/4	103,325
9	6,754	9	17,355	9	28,099	9	38,891	9	49,582	9	60,372	9	71,169	9	81,965	9	92,758	9	103,550
1/4	6,979	1/4	17,574	1/4	28,324	1/4	39,116	1/4	49,805	1/4	60,597	1/4	71,393	1/4	82,190	1/4	92,982	1/4	103,775
1/2	7,204	1/2	17,793	1/2	28,549	1/2	39,341	1/2	50,028	1/2	60,822	1/2	71,618	1/2	82,415	1/2	93,207	1/2	103,999
3/4	7,429	3/4	18,012	3/4	28,774	3/4	39,566	3/4	50,252	3/4	61,047	3/4	71,843	3/4	82,640	3/4	93,432	3/4	104,224
10	7,654	10	18,231	10	28,999	10	39,790	10	50,475	10	61,272	10	72,068	10	82,865	10	93,657	10	104,449
1/4	7,879	1/4	18,450	1/4	29,223	1/4	40,015	1/4	50,700	1/4	61,497	1/4	72,293	1/4	83,090	1/4	93,882	1/4	104,674
1/2	8,103	1/2	18,668	1/2	29,448	1/2	40,240	1/2	50,925	1/2	61,722	1/2	72,518	1/2	83,314	1/2	94,107	1/2	104,899
3/4	8,328	3/4	18,887	3/4	29,673	3/4	40,465	3/4	51,150	3/4	61,946	3/4	72,743	3/4	83,539	3/4	94,331	3/4	105,124
11	8,553	11	19,106	11	29,898	11	40,690	11	51,375	11	62,171	11	72,968	11	83,764	11	94,556	11	105,348
1/4	8,778	1/4	19,331	1/4	30,123	1/4	40,915	1/4	51,600	1/4	62,396	1/4	73,193	1/4	83,989	1/4	94,781	1/4	105,573
1/2	9,003	1/2	19,556	1/2	30,348	1/2	41,139	1/2	51,825	1/2	62,621	1/2	73,418	1/2	84,214	1/2	95,006	1/2	105,798
3/4	9,228	3/4	19,781	3/4	30,572	3/4	41,364	3/4	52,050	3/4	62,846	3/4	73,643	3/4	84,439	3/4	95,231	3/4	106,023

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 25'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "DBL 144"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	106,248	0	116,067	0	125,555	0	135,044	0	144,498	0		0		0		0		0	
1/4	106,473	1/4	116,265	1/4	125,753	1/4	135,242	1/4	144,694	1/4		1/4		1/4		1/4		1/4	
1/2	106,698	1/2	116,462	1/2	125,951	1/2	135,439	1/2	144,889	1/2		1/2		1/2		1/2		1/2	
3/4	106,922	3/4	116,660	3/4	126,148	3/4	135,637	3/4	145,085	3/4		3/4		3/4		3/4		3/4	
1	107,147	1	116,858	1	126,346	1	135,835	1	145,281	1		1		1		1		1	
1/4	107,373	1/4	117,055	1/4	126,544	1/4	136,032	1/4	145,477	1/4		1/4		1/4		1/4		1/4	
1/2	107,598	1/2	117,253	1/2	126,742	1/2	136,230	1/2	145,673	1/2		1/2		1/2		1/2		1/2	
3/4	107,823	3/4	117,451	3/4	126,939	3/4	136,428	3/4	145,869	3/4		3/4		3/4		3/4		3/4	
2	108,049	2	117,648	2	127,137	2	136,625	2	146,065	2		2		2		2		2	
1/4	108,274	1/4	117,846	1/4	127,335	1/4	136,823	1/4	146,261	1/4		1/4		1/4		1/4		1/4	
1/2	108,500	1/2	118,044	1/2	127,532	1/2	137,021	1/2	146,457	1/2		1/2		1/2		1/2		1/2	
3/4	108,725	3/4	118,241	3/4	127,730	3/4	137,219	3/4	146,653	3/4		3/4		3/4		3/4		3/4	
3	108,950	3	118,439	3	127,928	3	137,416	3	146,849	3		3		3		3		3	
1/4	109,148	1/4	118,637	1/4	128,125	1/4	137,614	1/4	147,045	1/4		1/4		1/4		1/4		1/4	
1/2	109,346	1/2	118,834	1/2	128,323	1/2	137,812	1/2	147,241	1/2		1/2		1/2		1/2		1/2	
3/4	109,543	3/4	119,032	3/4	128,521	3/4	138,009	3/4	147,437	3/4		3/4		3/4		3/4		3/4	
4	109,741	4	119,230	4	128,718	4	138,207	4	147,632	4		4		4		4		4	
1/4	109,939	1/4	119,427	1/4	128,916	1/4	138,405	1/4	147,828	1/4		1/4		1/4		1/4		1/4	
1/2	110,136	1/2	119,625	1/2	129,114	1/2	138,602	1/2	148,024	1/2		1/2		1/2		1/2		1/2	
3/4	110,334	3/4	119,823	3/4	129,311	3/4	138,800	3/4	148,220	3/4		3/4		3/4		3/4		3/4	
5	110,532	5	120,020	5	129,509	5	138,998	5	148,416	5		5		5		5		5	
1/4	110,729	1/4	120,218	1/4	129,707	1/4	139,195	1/4	148,609	1/4		1/4		1/4		1/4		1/4	
1/2	110,927	1/2	120,416	1/2	129,904	1/2	139,393	1/2	148,802	1/2		1/2		1/2		1/2		1/2	
3/4	111,125	3/4	120,613	3/4	130,102	3/4	139,591	3/4	148,995	3/4		3/4		3/4		3/4		3/4	
6	111,323	6	120,811	6	130,300	6	139,788	6	149,188	6		6		6		6		6	
1/4	111,520	1/4	121,009	1/4	130,497	1/4	139,986	1/4	149,381	1/4		1/4		1/4		1/4		1/4	
1/2	111,718	1/2	121,206	1/2	130,695	1/2	140,184	1/2	149,574	1/2		1/2		1/2		1/2		1/2	
3/4	111,916	3/4	121,404	3/4	130,893	3/4	140,381	3/4	149,767	3/4		3/4		3/4		3/4		3/4	
7	112,113	7	121,602	7	131,090	7	140,579	7	149,961	7		7		7		7		7	
1/4	112,311	1/4	121,800	1/4	131,288	1/4	140,775	1/4	150,154	1/4		1/4		1/4		1/4		1/4	
1/2	112,509	1/2	121,997	1/2	131,486	1/2	140,971	1/2	150,347	1/2		1/2		1/2		1/2		1/2	
3/4	112,706	3/4	122,195	3/4	131,684	3/4	141,167	3/4	150,540	3/4		3/4		3/4		3/4		3/4	
8	112,904	8	122,393	8	131,881	8	141,363	8	150,733	8		8		8		8		8	
1/4	113,102	1/4	122,590	1/4	132,079	1/4	141,559	1/4	150,916	1/4		1/4		1/4		1/4		1/4	
1/2	113,299	1/2	122,788	1/2	132,277	1/2	141,755	1/2	151,100	1/2		1/2		1/2		1/2		1/2	
3/4	113,497	3/4	122,986	3/4	132,474	3/4	141,951	3/4	151,284	3/4		3/4		3/4		3/4		3/4	
9	113,695	9	123,183	9	132,672	9	142,146	9	151,467	9		9		9		9		9	
1/4	113,892	1/4	123,381	1/4	132,870	1/4	142,342	1/4	151,585	1/4		1/4		1/4		1/4		1/4	
1/2	114,090	1/2	123,579	1/2	133,067	1/2	142,538	1/2	151,703	1/2		1/2		1/2		1/2		1/2	
3/4	114,288	3/4	123,776	3/4	133,265	3/4	142,734	3/4	151,821	3/4		3/4		3/4		3/4		3/4	
10	114,485	10	123,974	10	133,463	10	142,930	10	151,939	10		10		10		10		10	
1/4	114,683	1/4	124,172	1/4	133,660	1/4	143,126	1/4	152,014	1/4		1/4		1/4		1/4		1/4	
1/2	114,881	1/2	124,369	1/2	133,858	1/2	143,322	1/2	152,089	1/2		1/2		1/2		1/2		1/2	
3/4	115,078	3/4	124,567	3/4	134,056	3/4	143,518	3/4	152,164	3/4		3/4		3/4		3/4		3/4	
11	115,276	11	124,765	11	134,253	11	143,714	11	152,239	11		11		11		11		11	
1/4	115,474	1/4	124,962	1/4	134,451	1/4	143,910	1/4	152,258	1/4		1/4		1/4		1/4		1/4	
1/2	115,671	1/2	125,160	1/2	134,649	1/2	144,106	1/2	152,277	1/2		1/2		1/2		1/2		1/2	
3/4	115,869	3/4	125,358	3/4	134,846	3/4	144,302	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/24/2020 CL
CALCULATED: 08/24/2020 CL
PRINTED: 08/24/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT
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BARGE "DBL 144"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 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	27	0	10,566	0	22,324	0	34,408	0	46,492	0	58,577	0	70,661	0	82,745	0	94,828	0	106,907
1/4	69	1/4	10,818	1/4	22,576	1/4	34,660	1/4	46,744	1/4	58,828	1/4	70,913	1/4	82,997	1/4	95,080	1/4	107,158
1/2	111	1/2	11,069	1/2	22,827	1/2	34,912	1/2	46,996	1/2	59,080	1/2	71,164	1/2	83,248	1/2	95,331	1/2	107,410
3/4	153	3/4	11,321	3/4	23,079	3/4	35,163	3/4	47,248	3/4	59,332	3/4	71,416	3/4	83,500	3/4	95,583	3/4	107,661
1	195	1	11,572	1	23,331	1	35,415	1	47,499	1	59,584	1	71,668	1	83,752	1	95,835	1	107,913
1/4	321	1/4	11,816	1/4	23,583	1/4	35,667	1/4	47,751	1/4	59,835	1/4	71,920	1/4	84,004	1/4	96,086	1/4	108,165
1/2	447	1/2	12,061	1/2	23,834	1/2	35,919	1/2	48,003	1/2	60,087	1/2	72,171	1/2	84,255	1/2	96,338	1/2	108,416
3/4	573	3/4	12,305	3/4	24,086	3/4	36,170	3/4	48,255	3/4	60,339	3/4	72,423	3/4	84,507	3/4	96,590	3/4	108,668
2	698	2	12,549	2	24,338	2	36,422	2	48,506	2	60,591	2	72,675	2	84,759	2	96,841	2	108,920
1/4	908	1/4	12,793	1/4	24,590	1/4	36,674	1/4	48,758	1/4	60,842	1/4	72,927	1/4	85,011	1/4	97,093	1/4	109,171
1/2	1,117	1/2	13,037	1/2	24,842	1/2	36,926	1/2	49,010	1/2	61,094	1/2	73,178	1/2	85,263	1/2	97,345	1/2	109,423
3/4	1,327	3/4	13,281	3/4	25,093	3/4	37,177	3/4	49,262	3/4	61,346	3/4	73,430	3/4	85,514	3/4	97,596	3/4	109,675
3	1,536	3	13,525	3	25,345	3	37,429	3	49,513	3	61,598	3	73,682	3	85,766	3	97,848	3	109,926
1/4	1,784	1/4	13,768	1/4	25,597	1/4	37,681	1/4	49,765	1/4	61,849	1/4	73,934	1/4	86,018	1/4	98,099	1/4	110,178
1/2	2,031	1/2	14,012	1/2	25,849	1/2	37,933	1/2	50,017	1/2	62,101	1/2	74,185	1/2	86,270	1/2	98,351	1/2	110,429
3/4	2,279	3/4	14,255	3/4	26,100	3/4	38,184	3/4	50,269	3/4	62,353	3/4	74,437	3/4	86,521	3/4	98,603	3/4	110,681
4	2,526	4	14,498	4	26,352	4	38,436	4	50,520	4	62,605	4	74,689	4	86,773	4	98,854	4	110,933
1/4	2,776	1/4	14,742	1/4	26,604	1/4	38,688	1/4	50,772	1/4	62,856	1/4	74,941	1/4	87,025	1/4	99,106	1/4	111,184
1/2	3,026	1/2	14,985	1/2	26,856	1/2	38,940	1/2	51,024	1/2	63,108	1/2	75,192	1/2	87,277	1/2	99,358	1/2	111,436
3/4	3,275	3/4	15,229	3/4	27,107	3/4	39,191	3/4	51,276	3/4	63,360	3/4	75,444	3/4	87,528	3/4	99,609	3/4	111,688
5	3,525	5	15,472	5	27,359	5	39,443	5	51,527	5	63,612	5	75,696	5	87,780	5	99,861	5	111,939
1/4	3,776	1/4	15,716	1/4	27,611	1/4	39,695	1/4	51,779	1/4	63,863	1/4	75,948	1/4	88,032	1/4	100,112	1/4	112,191
1/2	4,026	1/2	15,959	1/2	27,863	1/2	39,947	1/2	52,031	1/2	64,115	1/2	76,199	1/2	88,284	1/2	100,364	1/2	112,443
3/4	4,277	3/4	16,203	3/4	28,114	3/4	40,199	3/4	52,283	3/4	64,367	3/4	76,451	3/4	88,535	3/4	100,616	3/4	112,694
6	4,528	6	16,446	6	28,366	6	40,450	6	52,534	6	64,619	6	76,703	6	88,787	6	100,867	6	112,946
1/4	4,779	1/4	16,690	1/4	28,618	1/4	40,702	1/4	52,786	1/4	64,870	1/4	76,955	1/4	89,039	1/4	101,119	1/4	113,197
1/2	5,031	1/2	16,934	1/2	28,870	1/2	40,954	1/2	53,038	1/2	65,122	1/2	77,206	1/2	89,291	1/2	101,371	1/2	113,449
3/4	5,282	3/4	17,177	3/4	29,121	3/4	41,206	3/4	53,290	3/4	65,374	3/4	77,458	3/4	89,542	3/4	101,622	3/4	113,701
7	5,534	7	17,421	7	29,373	7	41,457	7	53,541	7	65,626	7	77,710	7	89,794	7	101,874	7	113,952
1/4	5,785	1/4	17,664	1/4	29,625	1/4	41,709	1/4	53,793	1/4	65,877	1/4	77,962	1/4	90,046	1/4	102,126	1/4	114,204
1/2	6,037	1/2	17,908	1/2	29,877	1/2	41,961	1/2	54,045	1/2	66,129	1/2	78,213	1/2	90,298	1/2	102,377	1/2	114,456
3/4	6,289	3/4	18,151	3/4	30,128	3/4	42,213	3/4	54,297	3/4	66,381	3/4	78,465	3/4	90,549	3/4	102,629	3/4	114,707
8	6,540	8	18,395	8	30,380	8	42,464	8	54,549	8	66,633	8	78,717	8	90,801	8	102,880	8	114,959
1/4	6,792	1/4	18,638	1/4	30,632	1/4	42,716	1/4	54,800	1/4	66,884	1/4	78,969	1/4	91,053	1/4	103,132	1/4	115,210
1/2	7,044	1/2	18,882	1/2	30,884	1/2	42,968	1/2	55,052	1/2	67,136	1/2	79,220	1/2	91,305	1/2	103,384	1/2	115,462
3/4	7,295	3/4	19,125	3/4	31,135	3/4	43,220	3/4	55,304	3/4	67,388	3/4	79,472	3/4	91,556	3/4	103,635	3/4	115,714
9	7,547	9	19,369	9	31,387	9	43,471	9	55,556	9	67,640	9	79,724	9	91,808	9	103,887	9	115,965
1/4	7,798	1/4	19,612	1/4	31,639	1/4	43,723	1/4	55,807	1/4	67,891	1/4	79,976	1/4	92,060	1/4	104,139	1/4	116,217
1/2	8,050	1/2	19,856	1/2	31,891	1/2	43,975	1/2	56,059	1/2	68,143	1/2	80,227	1/2	92,312	1/2	104,390	1/2	116,469
3/4	8,302	3/4	20,099	3/4	32,142	3/4	44,227	3/4	56,311	3/4	68,395	3/4	80,479	3/4	92,563	3/4	104,642	3/4	116,720
10	8,553	10	20,343	10	32,394	10	44,478	10	56,563	10	68,647	10	80,731	10	92,815	10	104,894	10	116,972
1/4	8,805	1/4	20,586	1/4	32,646	1/4	44,730	1/4	56,814	1/4	68,898	1/4	80,983	1/4	93,067	1/4	105,145	1/4	117,224
1/2	9,056	1/2	20,830	1/2	32,898	1/2	44,982	1/2	57,066	1/2	69,150	1/2	81,234	1/2	93,318	1/2	105,397	1/2	117,475
3/4	9,308	3/4	21,073	3/4	33,149	3/4	45,234	3/4	57,318	3/4	69,402	3/4	81,486	3/4	93,570	3/4	105,648	3/4	117,727
11	9,560	11	21,317	11	33,401	11	45,485	11	57,570	11	69,654	11	81,738	11	93,822	11	105,900	11	117,978
1/4	9,811	1/4	21,569	1/4	33,653	1/4	45,737	1/4	57,821	1/4	69,906	1/4	81,990	1/4	94,073	1/4	106,152	1/4	118,230
1/2	10,063	1/2	21,820	1/2	33,905	1/2	45,989	1/2	58,073	1/2	70,157	1/2	82,241	1/2	94,325	1/2	106,403	1/2	118,482
3/4	10,314	3/4	22,072	3/4	34,156	3/4	46,241	3/4	58,325	3/4	70,409	3/4	82,493	3/4	94,577	3/4	106,655	3/4	118,733

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "DBL 144"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 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	118,985	0	131,063	0	143,142	0	155,220	0	167,252	0		0		0		0		0	
1/4	119,237	1/4	131,315	1/4	143,393	1/4	155,472	1/4	167,501	1/4		1/4		1/4		1/4		1/4	
1/2	119,488	1/2	131,567	1/2	143,645	1/2	155,723	1/2	167,750	1/2		1/2		1/2		1/2		1/2	
3/4	119,740	3/4	131,818	3/4	143,897	3/4	155,975	3/4	168,000	3/4		3/4		3/4		3/4		3/4	
1	119,991	1	132,070	1	144,148	1	156,227	1	168,249	1		1		1		1		1	
1/4	120,243	1/4	132,322	1/4	144,400	1/4	156,478	1/4	168,498	1/4		1/4		1/4		1/4		1/4	
1/2	120,495	1/2	132,573	1/2	144,652	1/2	156,730	1/2	168,748	1/2		1/2		1/2		1/2		1/2	
3/4	120,746	3/4	132,825	3/4	144,903	3/4	156,982	3/4	168,997	3/4		3/4		3/4		3/4		3/4	
2	120,998	2	133,076	2	145,155	2	157,233	2	169,246	2		2		2		2		2	
1/4	121,250	1/4	133,328	1/4	145,406	1/4	157,485	1/4	169,495	1/4		1/4		1/4		1/4		1/4	
1/2	121,501	1/2	133,580	1/2	145,658	1/2	157,736	1/2	169,745	1/2		1/2		1/2		1/2		1/2	
3/4	121,753	3/4	133,831	3/4	145,910	3/4	157,988	3/4	169,994	3/4		3/4		3/4		3/4		3/4	
3	122,005	3	134,083	3	146,161	3	158,240	3	170,243	3		3		3		3		3	
1/4	122,256	1/4	134,335	1/4	146,413	1/4	158,491	1/4	170,493	1/4		1/4		1/4		1/4		1/4	
1/2	122,508	1/2	134,586	1/2	146,665	1/2	158,743	1/2	170,742	1/2		1/2		1/2		1/2		1/2	
3/4	122,759	3/4	134,838	3/4	146,916	3/4	158,995	3/4	170,991	3/4		3/4		3/4		3/4		3/4	
4	123,011	4	135,089	4	147,168	4	159,246	4	171,240	4		4		4		4		4	
1/4	123,263	1/4	135,341	1/4	147,419	1/4	159,498	1/4	171,490	1/4		1/4		1/4		1/4		1/4	
1/2	123,514	1/2	135,593	1/2	147,671	1/2	159,749	1/2	171,739	1/2		1/2		1/2		1/2		1/2	
3/4	123,766	3/4	135,844	3/4	147,923	3/4	160,001	3/4	171,988	3/4		3/4		3/4		3/4		3/4	
5	124,018	5	136,096	5	148,174	5	160,253	5	172,238	5		5		5		5		5	
1/4	124,269	1/4	136,348	1/4	148,426	1/4	160,504	1/4	172,484	1/4		1/4		1/4		1/4		1/4	
1/2	124,521	1/2	136,599	1/2	148,678	1/2	160,756	1/2	172,730	1/2		1/2		1/2		1/2		1/2	
3/4	124,773	3/4	136,851	3/4	148,929	3/4	161,008	3/4	172,976	3/4		3/4		3/4		3/4		3/4	
6	125,024	6	137,103	6	149,181	6	161,259	6	173,222	6		6		6		6		6	
1/4	125,276	1/4	137,354	1/4	149,433	1/4	161,511	1/4	173,468	1/4		1/4		1/4		1/4		1/4	
1/2	125,527	1/2	137,606	1/2	149,684	1/2	161,763	1/2	173,714	1/2		1/2		1/2		1/2		1/2	
3/4	125,779	3/4	137,857	3/4	149,936	3/4	162,014	3/4	173,960	3/4		3/4		3/4		3/4		3/4	
7	126,031	7	138,109	7	150,187	7	162,266	7	174,206	7		7		7		7		7	
1/4	126,282	1/4	138,361	1/4	150,439	1/4	162,515	1/4	174,452	1/4		1/4		1/4		1/4		1/4	
1/2	126,534	1/2	138,612	1/2	150,691	1/2	162,764	1/2	174,699	1/2		1/2		1/2		1/2		1/2	
3/4	126,786	3/4	138,864	3/4	150,942	3/4	163,014	3/4	174,945	3/4		3/4		3/4		3/4		3/4	
8	127,037	8	139,116	8	151,194	8	163,263	8	175,191	8		8		8		8		8	
1/4	127,289	1/4	139,367	1/4	151,446	1/4	163,512	1/4	175,426	1/4		1/4		1/4		1/4		1/4	
1/2	127,540	1/2	139,619	1/2	151,697	1/2	163,762	1/2	175,662	1/2		1/2		1/2		1/2		1/2	
3/4	127,792	3/4	139,870	3/4	151,949	3/4	164,011	3/4	175,897	3/4		3/4		3/4		3/4		3/4	
9	128,044	9	140,122	9	152,201	9	164,260	9	176,133	9		9		9		9		9	
1/4	128,295	1/4	140,374	1/4	152,452	1/4	164,509	1/4	176,295	1/4		1/4		1/4		1/4		1/4	
1/2	128,547	1/2	140,625	1/2	152,704	1/2	164,759	1/2	176,457	1/2		1/2		1/2		1/2		1/2	
3/4	128,799	3/4	140,877	3/4	152,955	3/4	165,008	3/4	176,620	3/4		3/4		3/4		3/4		3/4	
10	129,050	10	141,129	10	153,207	10	165,257	10	176,782	10		10		10		10		10	
1/4	129,302	1/4	141,380	1/4	153,459	1/4	165,507	1/4	176,866	1/4		1/4		1/4		1/4		1/4	
1/2	129,554	1/2	141,632	1/2	153,710	1/2	165,756	1/2	176,950	1/2		1/2		1/2		1/2		1/2	
3/4	129,805	3/4	141,884	3/4	153,962	3/4	166,005	3/4	177,033	3/4		3/4		3/4		3/4		3/4	
11	130,057	11	142,135	11	154,214	11	166,255	11	177,117	11		11		11		11		11	
1/4	130,308	1/4	142,387	1/4	154,465	1/4	166,504	1/4	177,138	1/4		1/4		1/4		1/4		1/4	
1/2	130,560	1/2	142,638	1/2	154,717	1/2	166,753	1/2	177,159	1/2		1/2		1/2		1/2		1/2	
3/4	130,812	3/4	142,890	3/4	154,968	3/4	167,002	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/24/2020 CL
CALCULATED: 08/24/2020 CL
PRINTED: 08/24/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 144"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	27	0	9,289	0	19,884	0	30,502	0	41,120	0	51,738	0	62,356	0	72,973	0	83,590	0	94,203
1/4	64	1/4	9,510	1/4	20,105	1/4	30,723	1/4	41,341	1/4	51,959	1/4	62,577	1/4	73,195	1/4	83,811	1/4	94,424
1/2	101	1/2	9,731	1/2	20,327	1/2	30,944	1/2	41,562	1/2	52,180	1/2	62,798	1/2	73,416	1/2	84,033	1/2	94,645
3/4	138	3/4	9,953	3/4	20,548	3/4	31,166	3/4	41,783	3/4	52,401	3/4	63,019	3/4	73,637	3/4	84,254	3/4	94,866
1	175	1	10,174	1	20,769	1	31,387	1	42,005	1	52,622	1	63,240	1	73,858	1	84,475	1	95,088
1/4	285	1/4	10,395	1/4	20,990	1/4	31,608	1/4	42,226	1/4	52,844	1/4	63,462	1/4	74,079	1/4	84,696	1/4	95,309
1/2	396	1/2	10,616	1/2	21,211	1/2	31,829	1/2	42,447	1/2	53,065	1/2	63,683	1/2	74,301	1/2	84,917	1/2	95,530
3/4	506	3/4	10,837	3/4	21,433	3/4	32,050	3/4	42,668	3/4	53,286	3/4	63,904	3/4	74,522	3/4	85,138	3/4	95,751
2	617	2	11,059	2	21,654	2	32,272	2	42,889	2	53,507	2	64,125	2	74,743	2	85,359	2	95,972
1/4	801	1/4	11,279	1/4	21,875	1/4	32,493	1/4	43,111	1/4	53,729	1/4	64,346	1/4	74,964	1/4	85,580	1/4	96,193
1/2	985	1/2	11,500	1/2	22,096	1/2	32,714	1/2	43,332	1/2	53,950	1/2	64,568	1/2	75,185	1/2	85,801	1/2	96,414
3/4	1,169	3/4	11,721	3/4	22,317	3/4	32,935	3/4	43,553	3/4	54,171	3/4	64,789	3/4	75,407	3/4	86,022	3/4	96,635
3	1,353	3	11,942	3	22,539	3	33,156	3	43,774	3	54,392	3	65,010	3	75,628	3	86,244	3	96,856
1/4	1,571	1/4	12,163	1/4	22,760	1/4	33,378	1/4	43,995	1/4	54,613	1/4	65,231	1/4	75,849	1/4	86,465	1/4	97,077
1/2	1,788	1/2	12,383	1/2	22,981	1/2	33,599	1/2	44,217	1/2	54,835	1/2	65,452	1/2	76,070	1/2	86,686	1/2	97,299
3/4	2,006	3/4	12,604	3/4	23,202	3/4	33,820	3/4	44,438	3/4	55,056	3/4	65,674	3/4	76,291	3/4	86,907	3/4	97,520
4	2,223	4	12,824	4	23,423	4	34,041	4	44,659	4	55,277	4	65,895	4	76,513	4	87,128	4	97,741
1/4	2,442	1/4	13,045	1/4	23,645	1/4	34,262	1/4	44,880	1/4	55,498	1/4	66,116	1/4	76,734	1/4	87,349	1/4	97,962
1/2	2,662	1/2	13,265	1/2	23,866	1/2	34,484	1/2	45,102	1/2	55,719	1/2	66,337	1/2	76,955	1/2	87,570	1/2	98,183
3/4	2,881	3/4	13,486	3/4	24,087	3/4	34,705	3/4	45,323	3/4	55,941	3/4	66,558	3/4	77,176	3/4	87,791	3/4	98,404
5	3,100	5	13,707	5	24,308	5	34,926	5	45,544	5	56,162	5	66,780	5	77,397	5	88,012	5	98,625
1/4	3,321	1/4	13,927	1/4	24,529	1/4	35,147	1/4	45,765	1/4	56,383	1/4	67,001	1/4	77,619	1/4	88,233	1/4	98,846
1/2	3,541	1/2	14,148	1/2	24,751	1/2	35,368	1/2	45,986	1/2	56,604	1/2	67,222	1/2	77,840	1/2	88,455	1/2	99,067
3/4	3,761	3/4	14,368	3/4	24,972	3/4	35,590	3/4	46,208	3/4	56,825	3/4	67,443	3/4	78,061	3/4	88,676	3/4	99,288
6	3,982	6	14,589	6	25,193	6	35,811	6	46,429	6	57,047	6	67,664	6	78,282	6	88,897	6	99,509
1/4	4,203	1/4	14,810	1/4	25,414	1/4	36,032	1/4	46,650	1/4	57,268	1/4	67,886	1/4	78,503	1/4	89,118	1/4	99,731
1/2	4,423	1/2	15,030	1/2	25,635	1/2	36,253	1/2	46,871	1/2	57,489	1/2	68,107	1/2	78,725	1/2	89,339	1/2	99,952
3/4	4,644	3/4	15,251	3/4	25,857	3/4	36,475	3/4	47,092	3/4	57,710	3/4	68,328	3/4	78,946	3/4	89,560	3/4	100,173
7	4,865	7	15,471	7	26,078	7	36,696	7	47,314	7	57,931	7	68,549	7	79,167	7	89,781	7	100,394
1/4	5,086	1/4	15,692	1/4	26,299	1/4	36,917	1/4	47,535	1/4	58,153	1/4	68,770	1/4	79,388	1/4	90,002	1/4	100,615
1/2	5,308	1/2	15,913	1/2	26,520	1/2	37,138	1/2	47,756	1/2	58,374	1/2	68,992	1/2	79,610	1/2	90,223	1/2	100,836
3/4	5,529	3/4	16,133	3/4	26,741	3/4	37,359	3/4	47,977	3/4	58,595	3/4	69,213	3/4	79,831	3/4	90,444	3/4	101,057
8	5,750	8	16,354	8	26,963	8	37,581	8	48,198	8	58,816	8	69,434	8	80,052	8	90,666	8	101,278
1/4	5,971	1/4	16,574	1/4	27,184	1/4	37,802	1/4	48,420	1/4	59,037	1/4	69,655	1/4	80,273	1/4	90,887	1/4	101,499
1/2	6,192	1/2	16,795	1/2	27,405	1/2	38,023	1/2	48,641	1/2	59,259	1/2	69,876	1/2	80,494	1/2	91,108	1/2	101,720
3/4	6,414	3/4	17,015	3/4	27,626	3/4	38,244	3/4	48,862	3/4	59,480	3/4	70,098	3/4	80,716	3/4	91,329	3/4	101,942
9	6,635	9	17,236	9	27,848	9	38,465	9	49,083	9	59,701	9	70,319	9	80,937	9	91,550	9	102,163
1/4	6,856	1/4	17,457	1/4	28,069	1/4	38,687	1/4	49,304	1/4	59,922	1/4	70,540	1/4	81,158	1/4	91,771	1/4	102,384
1/2	7,077	1/2	17,677	1/2	28,290	1/2	38,908	1/2	49,526	1/2	60,143	1/2	70,761	1/2	81,379	1/2	91,992	1/2	102,605
3/4	7,298	3/4	17,898	3/4	28,511	3/4	39,129	3/4	49,747	3/4	60,365	3/4	70,983	3/4	81,600	3/4	92,213	3/4	102,826
10	7,519	10	18,118	10	28,732	10	39,350	10	49,968	10	60,586	10	71,204	10	81,822	10	92,434	10	103,047
1/4	7,741	1/4	18,339	1/4	28,954	1/4	39,571	1/4	50,189	1/4	60,807	1/4	71,425	1/4	82,043	1/4	92,655	1/4	103,268
1/2	7,962	1/2	18,560	1/2	29,175	1/2	39,793	1/2	50,410	1/2	61,028	1/2	71,646	1/2	82,264	1/2	92,877	1/2	103,489
3/4	8,183	3/4	18,780	3/4	29,396	3/4	40,014	3/4	50,632	3/4	61,249	3/4	71,867	3/4	82,485	3/4	93,098	3/4	103,710
11	8,404	11	19,001	11	29,617	11	40,235	11	50,853	11	61,471	11	72,089	11	82,706	11	93,319	11	103,931
1/4	8,625	1/4	19,222	1/4	29,838	1/4	40,456	1/4	51,074	1/4	61,692	1/4	72,310	1/4	82,927	1/4	93,540	1/4	104,153
1/2	8,847	1/2	19,442	1/2	30,060	1/2	40,677	1/2	51,295	1/2	61,913	1/2	72,531	1/2	83,148	1/2	93,761	1/2	104,374
3/4	9,068	3/4	19,663	3/4	30,281	3/4	40,899	3/4	51,516	3/4	62,134	3/4	72,752	3/4	83,369	3/4	93,982	3/4	104,595

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 THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 25'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 144"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,816	0	115,429	0	126,041	0	136,654	0	147,226	0		0		0		0		0	
1/4	105,037	1/4	115,650	1/4	126,263	1/4	136,875	1/4	147,445	1/4		1/4		1/4		1/4		1/4	
1/2	105,258	1/2	115,871	1/2	126,484	1/2	137,096	1/2	147,664	1/2		1/2		1/2		1/2		1/2	
3/4	105,479	3/4	116,092	3/4	126,705	3/4	137,317	3/4	147,883	3/4		3/4		3/4		3/4		3/4	
1	105,700	1	116,313	1	126,926	1	137,539	1	148,103	1		1		1		1		1	
1/4	105,921	1/4	116,534	1/4	127,147	1/4	137,760	1/4	148,322	1/4		1/4		1/4		1/4		1/4	
1/2	106,142	1/2	116,755	1/2	127,368	1/2	137,981	1/2	148,541	1/2		1/2		1/2		1/2		1/2	
3/4	106,364	3/4	116,976	3/4	127,589	3/4	138,202	3/4	148,760	3/4		3/4		3/4		3/4		3/4	
2	106,585	2	117,197	2	127,810	2	138,423	2	148,979	2		2		2		2		2	
1/4	106,806	1/4	117,419	1/4	128,031	1/4	138,644	1/4	149,198	1/4		1/4		1/4		1/4		1/4	
1/2	107,027	1/2	117,640	1/2	128,252	1/2	138,865	1/2	149,417	1/2		1/2		1/2		1/2		1/2	
3/4	107,248	3/4	117,861	3/4	128,473	3/4	139,086	3/4	149,636	3/4		3/4		3/4		3/4		3/4	
3	107,469	3	118,082	3	128,695	3	139,307	3	149,855	3		3		3		3		3	
1/4	107,690	1/4	118,303	1/4	128,916	1/4	139,528	1/4	150,074	1/4		1/4		1/4		1/4		1/4	
1/2	107,911	1/2	118,524	1/2	129,137	1/2	139,750	1/2	150,293	1/2		1/2		1/2		1/2		1/2	
3/4	108,132	3/4	118,745	3/4	129,358	3/4	139,971	3/4	150,512	3/4		3/4		3/4		3/4		3/4	
4	108,353	4	118,966	4	129,579	4	140,192	4	150,731	4		4		4		4		4	
1/4	108,575	1/4	119,187	1/4	129,800	1/4	140,413	1/4	150,950	1/4		1/4		1/4		1/4		1/4	
1/2	108,796	1/2	119,408	1/2	130,021	1/2	140,634	1/2	151,169	1/2		1/2		1/2		1/2		1/2	
3/4	109,017	3/4	119,630	3/4	130,242	3/4	140,855	3/4	151,389	3/4		3/4		3/4		3/4		3/4	
5	109,238	5	119,851	5	130,463	5	141,076	5	151,608	5		5		5		5		5	
1/4	109,459	1/4	120,072	1/4	130,684	1/4	141,297	1/4	151,824	1/4		1/4		1/4		1/4		1/4	
1/2	109,680	1/2	120,293	1/2	130,906	1/2	141,518	1/2	152,040	1/2		1/2		1/2		1/2		1/2	
3/4	109,901	3/4	120,514	3/4	131,127	3/4	141,739	3/4	152,256	3/4		3/4		3/4		3/4		3/4	
6	110,122	6	120,735	6	131,348	6	141,961	6	152,473	6		6		6		6		6	
1/4	110,343	1/4	120,956	1/4	131,569	1/4	142,182	1/4	152,689	1/4		1/4		1/4		1/4		1/4	
1/2	110,564	1/2	121,177	1/2	131,790	1/2	142,403	1/2	152,905	1/2		1/2		1/2		1/2		1/2	
3/4	110,786	3/4	121,398	3/4	132,011	3/4	142,624	3/4	153,121	3/4		3/4		3/4		3/4		3/4	
7	111,007	7	121,619	7	132,232	7	142,845	7	153,338	7		7		7		7		7	
1/4	111,228	1/4	121,841	1/4	132,453	1/4	143,064	1/4	153,554	1/4		1/4		1/4		1/4		1/4	
1/2	111,449	1/2	122,062	1/2	132,674	1/2	143,283	1/2	153,770	1/2		1/2		1/2		1/2		1/2	
3/4	111,670	3/4	122,283	3/4	132,895	3/4	143,502	3/4	153,986	3/4		3/4		3/4		3/4		3/4	
8	111,891	8	122,504	8	133,117	8	143,721	8	154,203	8		8		8		8		8	
1/4	112,112	1/4	122,725	1/4	133,338	1/4	143,940	1/4	154,410	1/4		1/4		1/4		1/4		1/4	
1/2	112,333	1/2	122,946	1/2	133,559	1/2	144,159	1/2	154,617	1/2		1/2		1/2		1/2		1/2	
3/4	112,554	3/4	123,167	3/4	133,780	3/4	144,378	3/4	154,824	3/4		3/4		3/4		3/4		3/4	
9	112,775	9	123,388	9	134,001	9	144,597	9	155,031	9		9		9		9		9	
1/4	112,997	1/4	123,609	1/4	134,222	1/4	144,817	1/4	155,173	1/4		1/4		1/4		1/4		1/4	
1/2	113,218	1/2	123,830	1/2	134,443	1/2	145,036	1/2	155,316	1/2		1/2		1/2		1/2		1/2	
3/4	113,439	3/4	124,052	3/4	134,664	3/4	145,255	3/4	155,458	3/4		3/4		3/4		3/4		3/4	
10	113,660	10	124,273	10	134,885	10	145,474	10	155,601	10		10		10		10		10	
1/4	113,881	1/4	124,494	1/4	135,106	1/4	145,693	1/4	155,675	1/4		1/4		1/4		1/4		1/4	
1/2	114,102	1/2	124,715	1/2	135,328	1/2	145,912	1/2	155,748	1/2		1/2		1/2		1/2		1/2	
3/4	114,323	3/4	124,936	3/4	135,549	3/4	146,131	3/4	155,822	3/4		3/4		3/4		3/4		3/4	
11	114,544	11	125,157	11	135,770	11	146,350	11	155,896	11		11		11		11		11	
1/4	114,765	1/4	125,378	1/4	135,991	1/4	146,569	1/4	155,914	1/4		1/4		1/4		1/4		1/4	
1/2	114,986	1/2	125,599	1/2	136,212	1/2	146,788	1/2	155,933	1/2		1/2		1/2		1/2		1/2	
3/4	115,208	3/4	125,820	3/4	136,433	3/4	147,007	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 08/24/2020 CL
PRINTED: 08/24/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

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