



BARGE: DBL 144

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	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 ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

August 24, 2020



BARGE "DBL 144"

1 CENTER ULLAGE 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	0	0	0	0	0	0	0	0	152,089	0	143,322	0	133,858	0	124,369	0	114,881	0	104,899
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	152,014	1/4	143,126	1/4	133,660	1/4	124,172	1/4	114,683	1/4	104,674
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,939	1/2	142,930	1/2	133,463	1/2	123,974	1/2	114,485	1/2	104,449
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,821	3/4	142,734	3/4	133,265	3/4	123,776	3/4	114,288	3/4	104,224
1	1	1	1	1	1	1	1	1	151,703	1	142,538	1	133,067	1	123,579	1	114,090	1	103,999
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,585	1/4	142,342	1/4	132,870	1/4	123,381	1/4	113,892	1/4	103,775
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,467	1/2	142,146	1/2	132,672	1/2	123,183	1/2	113,695	1/2	103,550
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,284	3/4	141,951	3/4	132,474	3/4	122,986	3/4	113,497	3/4	103,325
2	2	2	2	2	2	2	2	2	151,100	2	141,755	2	132,277	2	122,788	2	113,299	2	103,100
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,916	1/4	141,559	1/4	132,079	1/4	122,590	1/4	113,102	1/4	102,875
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,733	1/2	141,363	1/2	131,881	1/2	122,393	1/2	112,904	1/2	102,650
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,540	3/4	141,167	3/4	131,684	3/4	122,195	3/4	112,706	3/4	102,426
3	3	3	3	3	3	3	3	3	150,347	3	140,971	3	131,486	3	121,997	3	112,509	3	102,201
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,154	1/4	140,775	1/4	131,288	1/4	121,800	1/4	112,311	1/4	101,976
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,961	1/2	140,579	1/2	131,090	1/2	121,602	1/2	112,113	1/2	101,751
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,767	3/4	140,381	3/4	130,893	3/4	121,404	3/4	111,916	3/4	101,526
4	4	4	4	4	4	4	4	4	149,574	4	140,184	4	130,695	4	121,206	4	111,718	4	101,301
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,381	1/4	139,986	1/4	130,497	1/4	121,009	1/4	111,520	1/4	101,077
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,188	1/2	139,788	1/2	130,300	1/2	120,811	1/2	111,323	1/2	100,852
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,995	3/4	139,591	3/4	130,102	3/4	120,613	3/4	111,125	3/4	100,627
5	5	5	5	5	5	5	5	5	148,802	5	139,393	5	129,904	5	120,416	5	110,927	5	100,402
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,609	1/4	139,195	1/4	129,707	1/4	120,218	1/4	110,729	1/4	100,177
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,416	1/2	138,998	1/2	129,509	1/2	120,020	1/2	110,532	1/2	99,952
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,220	3/4	138,800	3/4	129,311	3/4	119,823	3/4	110,334	3/4	99,728
6	6	6	6	6	6	6	6	6	148,024	6	138,602	6	129,114	6	119,625	6	110,136	6	99,503
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,828	1/4	138,405	1/4	128,916	1/4	119,427	1/4	109,939	1/4	99,278
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,632	1/2	138,207	1/2	128,718	1/2	119,230	1/2	109,741	1/2	99,053
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,437	3/4	138,009	3/4	128,521	3/4	119,032	3/4	109,543	3/4	98,828
7	7	7	7	7	7	7	7	7	147,241	7	137,812	7	128,323	7	118,834	7	109,346	7	98,603
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,045	1/4	137,614	1/4	128,125	1/4	118,637	1/4	109,148	1/4	98,379
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,849	1/2	137,416	1/2	127,928	1/2	118,439	1/2	108,950	1/2	98,154
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,653	3/4	137,219	3/4	127,730	3/4	118,241	3/4	108,752	3/4	97,929
8	8	8	8	8	8	8	8	8	146,457	8	137,021	8	127,532	8	118,044	8	108,550	8	97,704
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,261	1/4	136,823	1/4	127,335	1/4	117,846	1/4	108,352	1/4	97,479
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,065	1/2	136,625	1/2	127,137	1/2	117,648	1/2	108,154	1/2	97,254
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,869	3/4	136,428	3/4	126,939	3/4	117,451	3/4	107,956	3/4	97,030
9	9	9	9	9	9	9	9	9	145,673	9	136,230	9	126,742	9	117,253	9	107,758	9	96,805
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,477	1/4	136,032	1/4	126,544	1/4	117,055	1/4	107,560	1/4	96,580
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,281	1/2	135,835	1/2	126,346	1/2	116,858	1/2	107,362	1/2	96,355
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,085	3/4	135,637	3/4	126,148	3/4	116,660	3/4	107,164	3/4	96,130
10	10	10	10	10	10	10	10	10	144,889	10	135,439	10	125,951	10	116,462	10	106,968	10	95,905
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,694	1/4	135,242	1/4	125,753	1/4	116,265	1/4	106,770	1/4	95,681
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,498	1/2	135,044	1/2	125,555	1/2	116,067	1/2	106,572	1/2	95,456
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,302	3/4	134,846	3/4	125,358	3/4	115,869	3/4	106,374	3/4	95,231
11	11	11	11	11	11	11	11	11	152,277	11	144,106	11	134,649	11	125,160	11	115,671	11	105,023
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	152,258	1/4	143,910	1/4	134,451	1/4	124,962	1/4	115,473	1/4	104,800
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	152,239	1/2	143,714	1/2	134,253	1/2	124,765	1/2	115,276	1/2	104,576
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	152,164	3/4	143,518	3/4	134,056	3/4	124,567	3/4	115,078	3/4	104,352

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 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 ULLAGE 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	94,107	0	83,314	0	72,518	0	61,722	0	50,925	0	40,240	0	29,448	0	18,668	0	8,103	0	
1/4	93,882	1/4	83,090	1/4	72,293	1/4	61,497	1/4	50,700	1/4	40,015	1/4	29,223	1/4	18,450	1/4	7,879	1/4	
1/2	93,657	1/2	82,865	1/2	72,068	1/2	61,272	1/2	50,475	1/2	39,790	1/2	28,999	1/2	18,231	1/2	7,654	1/2	
3/4	93,432	3/4	82,640	3/4	71,843	3/4	61,047	3/4	50,252	3/4	39,566	3/4	28,774	3/4	18,012	3/4	7,429	3/4	
1	93,207	1	82,415	1	71,618	1	60,822	1	50,028	1	39,341	1	28,549	1	17,793	1	7,204	1	
1/4	92,982	1/4	82,190	1/4	71,393	1/4	60,597	1/4	49,805	1/4	39,116	1/4	28,324	1/4	17,574	1/4	6,979	1/4	
1/2	92,758	1/2	81,965	1/2	71,169	1/2	60,372	1/2	49,582	1/2	38,891	1/2	28,099	1/2	17,355	1/2	6,754	1/2	
3/4	92,533	3/4	81,740	3/4	70,944	3/4	60,147	3/4	49,358	3/4	38,666	3/4	27,874	3/4	17,136	3/4	6,530	3/4	
2	92,308	2	81,515	2	70,719	2	59,922	2	49,135	2	38,441	2	27,650	2	16,918	2	6,305	2	
1/4	92,083	1/4	81,290	1/4	70,494	1/4	59,697	1/4	48,912	1/4	38,217	1/4	27,425	1/4	16,699	1/4	6,080	1/4	
1/2	91,858	1/2	81,065	1/2	70,269	1/2	59,472	1/2	48,688	1/2	37,992	1/2	27,200	1/2	16,480	1/2	5,855	1/2	
3/4	91,633	3/4	80,840	3/4	70,044	3/4	59,247	3/4	48,466	3/4	37,767	3/4	26,975	3/4	16,261	3/4	5,630	3/4	
3	91,409	3	80,616	3	69,819	3	59,022	3	48,245	3	37,542	3	26,750	3	16,042	3	5,405	3	
1/4	91,184	1/4	80,391	1/4	69,594	1/4	58,797	1/4	48,023	1/4	37,317	1/4	26,525	1/4	15,823	1/4	5,180	1/4	
1/2	90,959	1/2	80,166	1/2	69,369	1/2	58,573	1/2	47,801	1/2	37,092	1/2	26,301	1/2	15,604	1/2	4,955	1/2	
3/4	90,734	3/4	79,941	3/4	69,144	3/4	58,348	3/4	47,579	3/4	36,868	3/4	26,076	3/4	15,386	3/4	4,730	3/4	
4	90,509	4	79,716	4	68,919	4	58,123	4	47,357	4	36,643	4	25,851	4	15,167	4	4,506	4	
1/4	90,284	1/4	79,491	1/4	68,694	1/4	57,898	1/4	47,135	1/4	36,418	1/4	25,626	1/4	14,948	1/4	4,281	1/4	
1/2	90,060	1/2	79,266	1/2	68,469	1/2	57,673	1/2	46,914	1/2	36,193	1/2	25,401	1/2	14,729	1/2	4,056	1/2	
3/4	89,835	3/4	79,041	3/4	68,244	3/4	57,448	3/4	46,692	3/4	35,968	3/4	25,177	3/4	14,510	3/4	3,832	3/4	
5	89,610	5	78,816	5	68,020	5	57,223	5	46,470	5	35,743	5	24,952	5	14,291	5	3,608	5	
1/4	89,385	1/4	78,591	1/4	67,795	1/4	56,998	1/4	46,248	1/4	35,519	1/4	24,727	1/4	14,072	1/4	3,384	1/4	
1/2	89,160	1/2	78,366	1/2	67,570	1/2	56,773	1/2	46,026	1/2	35,294	1/2	24,502	1/2	13,854	1/2	3,160	1/2	
3/4	88,935	3/4	78,141	3/4	67,345	3/4	56,548	3/4	45,804	3/4	35,069	3/4	24,277	3/4	13,635	3/4	2,936	3/4	
6	88,711	6	77,916	6	67,120	6	56,323	6	45,582	6	34,844	6	24,052	6	13,416	6	2,713	6	
1/4	88,486	1/4	77,691	1/4	66,895	1/4	56,098	1/4	45,361	1/4	34,619	1/4	23,828	1/4	13,197	1/4	2,489	1/4	
1/2	88,261	1/2	77,467	1/2	66,670	1/2	55,873	1/2	45,139	1/2	34,395	1/2	23,603	1/2	12,978	1/2	2,266	1/2	
3/4	88,036	3/4	77,242	3/4	66,445	3/4	55,649	3/4	44,917	3/4	34,170	3/4	23,378	3/4	12,759	3/4	2,044	3/4	
7	87,811	7	77,017	7	66,220	7	55,424	7	44,695	7	33,945	7	23,153	7	12,541	7	1,822	7	
1/4	87,586	1/4	76,792	1/4	65,995	1/4	55,199	1/4	44,473	1/4	33,720	1/4	22,928	1/4	12,322	1/4	1,601	1/4	
1/2	87,362	1/2	76,567	1/2	65,770	1/2	54,974	1/2	44,251	1/2	33,495	1/2	22,703	1/2	12,103	1/2	1,379	1/2	
3/4	87,137	3/4	76,342	3/4	65,545	3/4	54,749	3/4	44,029	3/4	33,270	3/4	22,479	3/4	11,884	3/4	1,191	3/4	
8	86,912	8	76,117	8	65,320	8	54,524	8	43,808	8	33,046	8	22,254	8	11,665	8	1,004	8	
1/4	86,687	1/4	75,892	1/4	65,095	1/4	54,299	1/4	43,586	1/4	32,821	1/4	22,029	1/4	11,447	1/4	816	1/4	
1/2	86,462	1/2	75,667	1/2	64,871	1/2	54,074	1/2	43,364	1/2	32,596	1/2	21,804	1/2	11,228	1/2	628	1/2	
3/4	86,237	3/4	75,442	3/4	64,646	3/4	53,849	3/4	43,142	3/4	32,371	3/4	21,579	3/4	11,009	3/4	516	3/4	
9	86,013	9	75,217	9	64,421	9	53,624	9	42,920	9	32,146	9	21,354	9	10,790	9	403	9	
1/4	85,788	1/4	74,992	1/4	64,196	1/4	53,399	1/4	42,698	1/4	31,921	1/4	21,130	1/4	10,571	1/4	290	1/4	
1/2	85,563	1/2	74,767	1/2	63,971	1/2	53,174	1/2	42,476	1/2	31,697	1/2	20,905	1/2	10,352	1/2	178	1/2	
3/4	85,338	3/4	74,542	3/4	63,746	3/4	52,949	3/4	42,255	3/4	31,472	3/4	20,680	3/4	10,127	3/4	140	3/4	
10	85,113	10	74,318	10	63,521	10	52,724	10	42,033	10	31,247	10	20,455	10	9,902	10	102	10	
1/4	84,888	1/4	74,093	1/4	63,296	1/4	52,500	1/4	41,811	1/4	31,022	1/4	20,230	1/4	9,677	1/4	65	1/4	
1/2	84,664	1/2	73,868	1/2	63,071	1/2	52,275	1/2	41,589	1/2	30,797	1/2	20,005	1/2	9,453	1/2	27	1/2	
3/4	84,439	3/4	73,643	3/4	62,846	3/4	52,050	3/4	41,364	3/4	30,572	3/4	19,781	3/4	9,228	3/4		3/4	
11	84,214	11	73,418	11	62,621	11	51,825	11	41,139	11	30,348	11	19,556	11	9,003	11		11	
1/4	83,989	1/4	73,193	1/4	62,396	1/4	51,600	1/4	40,915	1/4	30,123	1/4	19,331	1/4	8,778	1/4		1/4	
1/2	83,764	1/2	72,968	1/2	62,171	1/2	51,375	1/2	40,690	1/2	29,898	1/2	19,106	1/2	8,553	1/2		1/2	
3/4	83,539	3/4	72,743	3/4	61,946	3/4	51,150	3/4	40,465	3/4	29,673	3/4	18,887	3/4	8,328	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.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 144"

2 CENTER ULLAGE 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		0		0		0		0	177,033	0	166,005	0	153,962	0	141,884	0	129,805	0	117,727
1/4		1/4		1/4		1/4		1/4	176,950	1/4	165,756	1/4	153,710	1/4	141,632	1/4	129,554	1/4	117,475
1/2		1/2		1/2		1/2		1/2	176,866	1/2	165,507	1/2	153,459	1/2	141,380	1/2	129,302	1/2	117,224
3/4		3/4		3/4		3/4		3/4	176,782	3/4	165,257	3/4	153,207	3/4	141,129	3/4	129,050	3/4	116,972
1		1		1		1		1	176,620	1	165,008	1	152,955	1	140,877	1	128,799	1	116,720
1/4		1/4		1/4		1/4		1/4	176,457	1/4	164,759	1/4	152,704	1/4	140,625	1/4	128,547	1/4	116,469
1/2		1/2		1/2		1/2		1/2	176,295	1/2	164,509	1/2	152,452	1/2	140,374	1/2	128,295	1/2	116,217
3/4		3/4		3/4		3/4		3/4	176,133	3/4	164,260	3/4	152,201	3/4	140,122	3/4	128,044	3/4	115,965
2		2		2		2		2	175,897	2	164,011	2	151,949	2	139,870	2	127,792	2	115,714
1/4		1/4		1/4		1/4		1/4	175,662	1/4	163,762	1/4	151,697	1/4	139,619	1/4	127,540	1/4	115,462
1/2		1/2		1/2		1/2		1/2	175,426	1/2	163,512	1/2	151,446	1/2	139,367	1/2	127,289	1/2	115,210
3/4		3/4		3/4		3/4		3/4	175,191	3/4	163,263	3/4	151,194	3/4	139,116	3/4	127,037	3/4	114,959
3		3		3		3		3	174,945	3	163,014	3	150,942	3	138,864	3	126,786	3	114,707
1/4		1/4		1/4		1/4		1/4	174,699	1/4	162,764	1/4	150,691	1/4	138,612	1/4	126,534	1/4	114,456
1/2		1/2		1/2		1/2		1/2	174,452	1/2	162,515	1/2	150,439	1/2	138,361	1/2	126,282	1/2	114,204
3/4		3/4		3/4		3/4		3/4	174,206	3/4	162,266	3/4	150,187	3/4	138,109	3/4	126,031	3/4	113,952
4		4		4		4		4	173,960	4	162,014	4	149,936	4	137,857	4	125,779	4	113,701
1/4		1/4		1/4		1/4		1/4	173,714	1/4	161,763	1/4	149,684	1/4	137,606	1/4	125,527	1/4	113,449
1/2		1/2		1/2		1/2		1/2	173,468	1/2	161,511	1/2	149,433	1/2	137,354	1/2	125,276	1/2	113,197
3/4		3/4		3/4		3/4		3/4	173,222	3/4	161,259	3/4	149,181	3/4	137,103	3/4	125,024	3/4	112,946
5		5		5		5		5	172,976	5	161,008	5	148,929	5	136,851	5	124,773	5	112,694
1/4		1/4		1/4		1/4		1/4	172,730	1/4	160,756	1/4	148,678	1/4	136,599	1/4	124,521	1/4	112,443
1/2		1/2		1/2		1/2		1/2	172,484	1/2	160,504	1/2	148,426	1/2	136,348	1/2	124,269	1/2	112,191
3/4		3/4		3/4		3/4		3/4	172,238	3/4	160,253	3/4	148,174	3/4	136,096	3/4	124,018	3/4	111,939
6		6		6		6		6	171,988	6	160,001	6	147,923	6	135,844	6	123,766	6	111,688
1/4		1/4		1/4		1/4		1/4	171,739	1/4	159,749	1/4	147,671	1/4	135,593	1/4	123,514	1/4	111,436
1/2		1/2		1/2		1/2		1/2	171,490	1/2	159,498	1/2	147,419	1/2	135,341	1/2	123,263	1/2	111,184
3/4		3/4		3/4		3/4		3/4	171,240	3/4	159,246	3/4	147,168	3/4	135,089	3/4	123,011	3/4	110,933
7		7		7		7		7	170,991	7	158,995	7	146,916	7	134,838	7	122,759	7	110,681
1/4		1/4		1/4		1/4		1/4	170,742	1/4	158,743	1/4	146,665	1/4	134,586	1/4	122,508	1/4	110,429
1/2		1/2		1/2		1/2		1/2	170,493	1/2	158,491	1/2	146,413	1/2	134,335	1/2	122,256	1/2	110,178
3/4		3/4		3/4		3/4		3/4	170,243	3/4	158,240	3/4	146,161	3/4	134,083	3/4	122,005	3/4	109,926
8		8		8		8		8	169,994	8	157,988	8	145,910	8	133,831	8	121,753	8	109,675
1/4		1/4		1/4		1/4		1/4	169,745	1/4	157,736	1/4	145,658	1/4	133,580	1/4	121,501	1/4	109,423
1/2		1/2		1/2		1/2		1/2	169,495	1/2	157,485	1/2	145,406	1/2	133,328	1/2	121,250	1/2	109,171
3/4		3/4		3/4		3/4		3/4	169,246	3/4	157,233	3/4	145,155	3/4	133,076	3/4	120,998	3/4	108,920
9		9		9		9		9	168,997	9	156,982	9	144,903	9	132,825	9	120,746	9	108,668
1/4		1/4		1/4		1/4		1/4	168,748	1/4	156,730	1/4	144,652	1/4	132,573	1/4	120,495	1/4	108,416
1/2		1/2		1/2		1/2		1/2	168,498	1/2	156,478	1/2	144,400	1/2	132,322	1/2	120,243	1/2	108,165
3/4		3/4		3/4		3/4		3/4	168,249	3/4	156,227	3/4	144,148	3/4	132,070	3/4	119,991	3/4	107,913
10		10		10		10		10	168,000	10	155,975	10	143,897	10	131,818	10	119,740	10	107,661
1/4		1/4		1/4		1/4		1/4	167,750	1/4	155,723	1/4	143,645	1/4	131,567	1/4	119,488	1/4	107,410
1/2		1/2		1/2		1/2		1/2	167,501	1/2	155,472	1/2	143,393	1/2	131,315	1/2	119,237	1/2	107,158
3/4		3/4		3/4		3/4		3/4	167,252	3/4	155,220	3/4	143,142	3/4	131,063	3/4	118,985	3/4	106,907
11		11		11		11		11	167,002	11	154,968	11	142,890	11	130,812	11	118,733	11	106,655
1/4		1/4		1/4		1/4		1/4	177,159	1/4	166,753	1/4	154,717	1/4	142,638	1/4	118,482	1/4	106,403
1/2		1/2		1/2		1/2		1/2	177,138	1/2	166,504	1/2	154,465	1/2	142,387	1/2	118,230	1/2	106,152
3/4		3/4		3/4		3/4		3/4	177,117	3/4	166,255	3/4	154,214	3/4	142,135	3/4	117,978	3/4	105,900

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 1'-00" OFF CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD

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BARGE "DBL 144"

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

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BARGE "DBL 144"

3 CENTER ULLAGE 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		0		0		0		0	155,748	0	145,912	0	135,328	0	124,715	0	114,102	0	103,489
1/4		1/4		1/4		1/4		1/4	155,675	1/4	145,693	1/4	135,106	1/4	124,494	1/4	113,881	1/4	103,268
1/2		1/2		1/2		1/2		1/2	155,601	1/2	145,474	1/2	134,885	1/2	124,273	1/2	113,660	1/2	103,047
3/4		3/4		3/4		3/4		3/4	155,458	3/4	145,255	3/4	134,664	3/4	124,052	3/4	113,439	3/4	102,826
1		1		1		1		1	155,316	1	145,036	1	134,443	1	123,830	1	113,218	1	102,605
1/4		1/4		1/4		1/4		1/4	155,173	1/4	144,817	1/4	134,222	1/4	123,609	1/4	112,997	1/4	102,384
1/2		1/2		1/2		1/2		1/2	155,031	1/2	144,597	1/2	134,001	1/2	123,388	1/2	112,775	1/2	102,163
3/4		3/4		3/4		3/4		3/4	154,824	3/4	144,378	3/4	133,780	3/4	123,167	3/4	112,554	3/4	101,942
2		2		2		2		2	154,617	2	144,159	2	133,559	2	122,946	2	112,333	2	101,720
1/4		1/4		1/4		1/4		1/4	154,410	1/4	143,940	1/4	133,338	1/4	122,725	1/4	112,112	1/4	101,499
1/2		1/2		1/2		1/2		1/2	154,203	1/2	143,721	1/2	133,117	1/2	122,504	1/2	111,891	1/2	101,278
3/4		3/4		3/4		3/4		3/4	153,986	3/4	143,502	3/4	132,895	3/4	122,283	3/4	111,670	3/4	101,057
3		3		3		3		3	153,770	3	143,283	3	132,674	3	122,062	3	111,449	3	100,836
1/4		1/4		1/4		1/4		1/4	153,554	1/4	143,064	1/4	132,453	1/4	121,841	1/4	111,228	1/4	100,615
1/2		1/2		1/2		1/2		1/2	153,338	1/2	142,845	1/2	132,232	1/2	121,619	1/2	111,007	1/2	100,394
3/4		3/4		3/4		3/4		3/4	153,121	3/4	142,624	3/4	132,011	3/4	121,398	3/4	110,786	3/4	100,173
4		4		4		4		4	152,905	4	142,403	4	131,790	4	121,177	4	110,564	4	99,952
1/4		1/4		1/4		1/4		1/4	152,689	1/4	142,182	1/4	131,569	1/4	120,956	1/4	110,343	1/4	99,731
1/2		1/2		1/2		1/2		1/2	152,473	1/2	141,961	1/2	131,348	1/2	120,735	1/2	110,122	1/2	99,509
3/4		3/4		3/4		3/4		3/4	152,256	3/4	141,739	3/4	131,127	3/4	120,514	3/4	109,901	3/4	99,288
5		5		5		5		5	152,040	5	141,518	5	130,906	5	120,293	5	109,680	5	99,067
1/4		1/4		1/4		1/4		1/4	151,824	1/4	141,297	1/4	130,684	1/4	120,072	1/4	109,459	1/4	98,846
1/2		1/2		1/2		1/2		1/2	151,608	1/2	141,076	1/2	130,463	1/2	119,851	1/2	109,238	1/2	98,625
3/4		3/4		3/4		3/4		3/4	151,389	3/4	140,855	3/4	130,242	3/4	119,630	3/4	109,017	3/4	98,404
6		6		6		6		6	151,169	6	140,634	6	130,021	6	119,408	6	108,796	6	98,183
1/4		1/4		1/4		1/4		1/4	150,950	1/4	140,413	1/4	129,800	1/4	119,187	1/4	108,575	1/4	97,962
1/2		1/2		1/2		1/2		1/2	150,731	1/2	140,192	1/2	129,579	1/2	118,966	1/2	108,353	1/2	97,741
3/4		3/4		3/4		3/4		3/4	150,512	3/4	139,971	3/4	129,358	3/4	118,745	3/4	108,132	3/4	97,520
7		7		7		7		7	150,293	7	139,750	7	129,137	7	118,524	7	107,911	7	97,299
1/4		1/4		1/4		1/4		1/4	150,074	1/4	139,528	1/4	128,916	1/4	118,303	1/4	107,690	1/4	97,077
1/2		1/2		1/2		1/2		1/2	149,855	1/2	139,307	1/2	128,695	1/2	118,082	1/2	107,469	1/2	96,856
3/4		3/4		3/4		3/4		3/4	149,636	3/4	139,086	3/4	128,473	3/4	117,861	3/4	107,248	3/4	96,635
8		8		8		8		8	149,417	8	138,865	8	128,252	8	117,640	8	107,027	8	96,414
1/4		1/4		1/4		1/4		1/4	149,198	1/4	138,644	1/4	128,031	1/4	117,419	1/4	106,806	1/4	96,193
1/2		1/2		1/2		1/2		1/2	148,979	1/2	138,423	1/2	127,810	1/2	117,197	1/2	106,585	1/2	95,972
3/4		3/4		3/4		3/4		3/4	148,760	3/4	138,202	3/4	127,589	3/4	116,976	3/4	106,364	3/4	95,751
9		9		9		9		9	148,541	9	137,981	9	127,368	9	116,755	9	106,142	9	95,530
1/4		1/4		1/4		1/4		1/4	148,322	1/4	137,760	1/4	127,147	1/4	116,534	1/4	105,921	1/4	95,309
1/2		1/2		1/2		1/2		1/2	148,103	1/2	137,539	1/2	126,926	1/2	116,313	1/2	105,700	1/2	95,088
3/4		3/4		3/4		3/4		3/4	147,883	3/4	137,317	3/4	126,705	3/4	116,092	3/4	105,479	3/4	94,866
10		10		10		10		10	147,664	10	137,096	10	126,484	10	115,871	10	105,258	10	94,645
1/4		1/4		1/4		1/4		1/4	147,445	1/4	136,875	1/4	126,263	1/4	115,650	1/4	105,037	1/4	94,424
1/2		1/2		1/2		1/2		1/2	147,226	1/2	136,654	1/2	126,041	1/2	115,429	1/2	104,816	1/2	94,203
3/4		3/4		3/4		3/4		3/4	147,007	3/4	136,433	3/4	125,820	3/4	115,208	3/4	104,595	3/4	93,982
11		11		11		11	155,933	11	146,788	11	136,212	11	125,599	11	114,986	11	104,374	11	93,761
1/4		1/4		1/4		1/4	155,914	1/4	146,569	1/4	135,991	1/4	125,378	1/4	114,765	1/4	104,153	1/4	93,540
1/2		1/2		1/2		1/2	155,896	1/2	146,350	1/2	135,770	1/2	125,157	1/2	114,544	1/2	103,931	1/2	93,319
3/4		3/4		3/4		3/4	155,822	3/4	146,131	3/4	135,549	3/4	124,936	3/4	114,323	3/4	103,710	3/4	93,098

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 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 ULLAGE 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	92,877	0	82,264	0	71,646	0	61,028	0	50,410	0	39,793	0	29,175	0	18,560	0	7,962	0	
1/4	92,655	1/4	82,043	1/4	71,425	1/4	60,807	1/4	50,189	1/4	39,571	1/4	28,954	1/4	18,339	1/4	7,741	1/4	
1/2	92,434	1/2	81,822	1/2	71,204	1/2	60,586	1/2	49,968	1/2	39,350	1/2	28,732	1/2	18,118	1/2	7,519	1/2	
3/4	92,213	3/4	81,600	3/4	70,983	3/4	60,365	3/4	49,747	3/4	39,129	3/4	28,511	3/4	17,898	3/4	7,298	3/4	
1	91,992	1	81,379	1	70,761	1	60,143	1	49,526	1	38,908	1	28,290	1	17,677	1	7,077	1	
1/4	91,771	1/4	81,158	1/4	70,540	1/4	59,922	1/4	49,304	1/4	38,687	1/4	28,069	1/4	17,457	1/4	6,856	1/4	
1/2	91,550	1/2	80,937	1/2	70,319	1/2	59,701	1/2	49,083	1/2	38,465	1/2	27,848	1/2	17,236	1/2	6,635	1/2	
3/4	91,329	3/4	80,716	3/4	70,098	3/4	59,480	3/4	48,862	3/4	38,244	3/4	27,626	3/4	17,015	3/4	6,414	3/4	
2	91,108	2	80,494	2	69,876	2	59,259	2	48,641	2	38,023	2	27,405	2	16,795	2	6,192	2	
1/4	90,887	1/4	80,273	1/4	69,655	1/4	59,037	1/4	48,420	1/4	37,802	1/4	27,184	1/4	16,574	1/4	5,971	1/4	
1/2	90,666	1/2	80,052	1/2	69,434	1/2	58,816	1/2	48,198	1/2	37,581	1/2	26,963	1/2	16,354	1/2	5,750	1/2	
3/4	90,444	3/4	79,831	3/4	69,213	3/4	58,595	3/4	47,977	3/4	37,359	3/4	26,741	3/4	16,133	3/4	5,529	3/4	
3	90,223	3	79,610	3	68,992	3	58,374	3	47,756	3	37,138	3	26,520	3	15,913	3	5,308	3	
1/4	90,002	1/4	79,388	1/4	68,770	1/4	58,153	1/4	47,535	1/4	36,917	1/4	26,299	1/4	15,692	1/4	5,086	1/4	
1/2	89,781	1/2	79,167	1/2	68,549	1/2	57,931	1/2	47,314	1/2	36,696	1/2	26,078	1/2	15,471	1/2	4,865	1/2	
3/4	89,560	3/4	78,946	3/4	68,328	3/4	57,710	3/4	47,092	3/4	36,475	3/4	25,857	3/4	15,251	3/4	4,644	3/4	
4	89,339	4	78,725	4	68,107	4	57,489	4	46,871	4	36,253	4	25,635	4	15,030	4	4,423	4	
1/4	89,118	1/4	78,503	1/4	67,886	1/4	57,268	1/4	46,650	1/4	36,032	1/4	25,414	1/4	14,810	1/4	4,203	1/4	
1/2	88,897	1/2	78,282	1/2	67,664	1/2	57,047	1/2	46,429	1/2	35,811	1/2	25,193	1/2	14,589	1/2	3,982	1/2	
3/4	88,676	3/4	78,061	3/4	67,443	3/4	56,825	3/4	46,208	3/4	35,590	3/4	24,972	3/4	14,368	3/4	3,761	3/4	
5	88,455	5	77,840	5	67,222	5	56,604	5	45,986	5	35,368	5	24,751	5	14,148	5	3,541	5	
1/4	88,233	1/4	77,619	1/4	67,001	1/4	56,383	1/4	45,765	1/4	35,147	1/4	24,529	1/4	13,927	1/4	3,321	1/4	
1/2	88,012	1/2	77,397	1/2	66,780	1/2	56,162	1/2	45,544	1/2	34,926	1/2	24,308	1/2	13,707	1/2	3,100	1/2	
3/4	87,791	3/4	77,176	3/4	66,558	3/4	55,941	3/4	45,323	3/4	34,705	3/4	24,087	3/4	13,486	3/4	2,881	3/4	
6	87,570	6	76,955	6	66,337	6	55,719	6	45,102	6	34,484	6	23,866	6	13,265	6	2,662	6	
1/4	87,349	1/4	76,734	1/4	66,116	1/4	55,498	1/4	44,880	1/4	34,262	1/4	23,645	1/4	13,045	1/4	2,442	1/4	
1/2	87,128	1/2	76,513	1/2	65,895	1/2	55,277	1/2	44,659	1/2	34,041	1/2	23,423	1/2	12,824	1/2	2,223	1/2	
3/4	86,907	3/4	76,291	3/4	65,674	3/4	55,056	3/4	44,438	3/4	33,820	3/4	23,202	3/4	12,604	3/4	2,006	3/4	
7	86,686	7	76,070	7	65,452	7	54,835	7	44,217	7	33,599	7	22,981	7	12,383	7	1,788	7	
1/4	86,465	1/4	75,849	1/4	65,231	1/4	54,613	1/4	43,995	1/4	33,378	1/4	22,760	1/4	12,163	1/4	1,571	1/4	
1/2	86,244	1/2	75,628	1/2	65,010	1/2	54,392	1/2	43,774	1/2	33,156	1/2	22,539	1/2	11,942	1/2	1,353	1/2	
3/4	86,022	3/4	75,407	3/4	64,789	3/4	54,171	3/4	43,553	3/4	32,935	3/4	22,317	3/4	11,721	3/4	1,169	3/4	
8	85,801	8	75,185	8	64,568	8	53,950	8	43,332	8	32,714	8	22,096	8	11,500	8	985	8	
1/4	85,580	1/4	74,964	1/4	64,346	1/4	53,729	1/4	43,111	1/4	32,493	1/4	21,875	1/4	11,279	1/4	801	1/4	
1/2	85,359	1/2	74,743	1/2	64,125	1/2	53,507	1/2	42,889	1/2	32,272	1/2	21,654	1/2	11,059	1/2	617	1/2	
3/4	85,138	3/4	74,522	3/4	63,904	3/4	53,286	3/4	42,668	3/4	32,050	3/4	21,433	3/4	10,837	3/4	506	3/4	
9	84,917	9	74,301	9	63,683	9	53,065	9	42,447	9	31,829	9	21,211	9	10,616	9	396	9	
1/4	84,696	1/4	74,079	1/4	63,462	1/4	52,844	1/4	42,226	1/4	31,608	1/4	20,990	1/4	10,395	1/4	285	1/4	
1/2	84,475	1/2	73,858	1/2	63,240	1/2	52,622	1/2	42,005	1/2	31,387	1/2	20,769	1/2	10,174	1/2	175	1/2	
3/4	84,254	3/4	73,637	3/4	63,019	3/4	52,401	3/4	41,783	3/4	31,166	3/4	20,548	3/4	9,953	3/4	138	3/4	
10	84,033	10	73,416	10	62,798	10	52,180	10	41,562	10	30,944	10	20,327	10	9,731	10	101	10	
1/4	83,811	1/4	73,195	1/4	62,577	1/4	51,959	1/4	41,341	1/4	30,723	1/4	20,105	1/4	9,510	1/4	64	1/4	
1/2	83,590	1/2	72,973	1/2	62,356	1/2	51,738	1/2	41,120	1/2	30,502	1/2	19,884	1/2	9,289	1/2	27	1/2	
3/4	83,369	3/4	72,752	3/4	62,134	3/4	51,516	3/4	40,899	3/4	30,281	3/4	19,663	3/4	9,068	3/4		3/4	
11	83,148	11	72,531	11	61,913	11	51,295	11	40,677	11	30,060	11	19,442	11	8,847	11		11	
1/4	82,927	1/4	72,310	1/4	61,692	1/4	51,074	1/4	40,456	1/4	29,838	1/4	19,222	1/4	8,625	1/4		1/4	
1/2	82,706	1/2	72,089	1/2	61,471	1/2	50,853	1/2	40,235	1/2	29,617	1/2	19,001	1/2	8,404	1/2		1/2	
3/4	82,485	3/4	71,867	3/4	61,249	3/4	50,632	3/4	40,014	3/4	29,396	3/4	18,780	3/4	8,183	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

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