



# BARGE: DBL 146

## 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	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(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)

June 17, 2021

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 CENTER IS 00-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"



# BARGE "DBL 146"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10"

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	9,421	0	19,940	0	30,696	0	41,453	0	52,103	0	62,864	0	73,625	0	84,386	0	95,142
1/4	65	1/4	9,646	1/4	20,164	1/4	30,920	1/4	41,674	1/4	52,327	1/4	63,088	1/4	73,849	1/4	84,610	1/4	95,366
1/2	102	1/2	9,870	1/2	20,388	1/2	31,144	1/2	41,895	1/2	52,551	1/2	63,312	1/2	74,074	1/2	84,834	1/2	95,590
3/4	140	3/4	10,094	3/4	20,612	3/4	31,368	3/4	42,116	3/4	52,776	3/4	63,537	3/4	74,298	3/4	85,058	3/4	95,815
1	177	1	10,318	1	20,836	1	31,593	1	42,337	1	53,000	1	63,761	1	74,522	1	85,282	1	96,039
1/4	289	1/4	10,536	1/4	21,060	1/4	31,817	1/4	42,558	1/4	53,224	1/4	63,985	1/4	74,746	1/4	85,506	1/4	96,263
1/2	402	1/2	10,754	1/2	21,284	1/2	32,041	1/2	42,779	1/2	53,448	1/2	64,209	1/2	74,970	1/2	85,730	1/2	96,487
3/4	514	3/4	10,973	3/4	21,508	3/4	32,265	3/4	43,000	3/4	53,672	3/4	64,433	3/4	75,195	3/4	85,954	3/4	96,711
2	626	2	11,191	2	21,732	2	32,489	2	43,222	2	53,896	2	64,658	2	75,419	2	86,178	2	96,935
1/4	813	1/4	11,409	1/4	21,957	1/4	32,713	1/4	43,443	1/4	54,121	1/4	64,882	1/4	75,643	1/4	86,402	1/4	97,159
1/2	1,000	1/2	11,627	1/2	22,181	1/2	32,937	1/2	43,664	1/2	54,345	1/2	65,106	1/2	75,867	1/2	86,627	1/2	97,383
3/4	1,187	3/4	11,845	3/4	22,405	3/4	33,161	3/4	43,885	3/4	54,569	3/4	65,330	3/4	76,091	3/4	86,851	3/4	97,607
3	1,375	3	12,064	3	22,629	3	33,385	3	44,106	3	54,793	3	65,554	3	76,315	3	87,075	3	97,831
1/4	1,595	1/4	12,282	1/4	22,853	1/4	33,609	1/4	44,327	1/4	55,017	1/4	65,779	1/4	76,540	1/4	87,299	1/4	98,056
1/2	1,816	1/2	12,500	1/2	23,077	1/2	33,833	1/2	44,548	1/2	55,242	1/2	66,003	1/2	76,764	1/2	87,523	1/2	98,280
3/4	2,037	3/4	12,718	3/4	23,301	3/4	34,058	3/4	44,769	3/4	55,466	3/4	66,227	3/4	76,988	3/4	87,747	3/4	98,504
4	2,258	4	12,936	4	23,525	4	34,282	4	44,991	4	55,690	4	66,451	4	77,212	4	87,971	4	98,728
1/4	2,481	1/4	13,154	1/4	23,749	1/4	34,506	1/4	45,212	1/4	55,914	1/4	66,675	1/4	77,436	1/4	88,195	1/4	98,952
1/2	2,704	1/2	13,372	1/2	23,973	1/2	34,730	1/2	45,433	1/2	56,138	1/2	66,899	1/2	77,661	1/2	88,419	1/2	99,176
3/4	2,927	3/4	13,590	3/4	24,197	3/4	34,954	3/4	45,654	3/4	56,363	3/4	67,124	3/4	77,885	3/4	88,643	3/4	99,400
5	3,150	5	13,808	5	24,422	5	35,178	5	45,875	5	56,587	5	67,348	5	78,109	5	88,868	5	99,624
1/4	3,373	1/4	14,026	1/4	24,646	1/4	35,402	1/4	46,096	1/4	56,811	1/4	67,572	1/4	78,333	1/4	89,092	1/4	99,848
1/2	3,596	1/2	14,244	1/2	24,870	1/2	35,626	1/2	46,317	1/2	57,035	1/2	67,796	1/2	78,557	1/2	89,316	1/2	100,072
3/4	3,820	3/4	14,463	3/4	25,094	3/4	35,850	3/4	46,538	3/4	57,259	3/4	68,020	3/4	78,782	3/4	89,540	3/4	100,297
6	4,043	6	14,681	6	25,318	6	36,074	6	46,760	6	57,484	6	68,245	6	79,006	6	89,764	6	100,521
1/4	4,267	1/4	14,899	1/4	25,542	1/4	36,298	1/4	46,981	1/4	57,708	1/4	68,469	1/4	79,230	1/4	89,988	1/4	100,745
1/2	4,491	1/2	15,117	1/2	25,766	1/2	36,523	1/2	47,202	1/2	57,932	1/2	68,693	1/2	79,454	1/2	90,212	1/2	100,969
3/4	4,715	3/4	15,335	3/4	25,990	3/4	36,747	3/4	47,423	3/4	58,156	3/4	68,917	3/4	79,678	3/4	90,436	3/4	101,193
7	4,939	7	15,553	7	26,214	7	36,971	7	47,644	7	58,380	7	69,141	7	79,903	7	90,660	7	101,417
1/4	5,163	1/4	15,771	1/4	26,438	1/4	37,195	1/4	47,865	1/4	58,604	1/4	69,366	1/4	80,127	1/4	90,884	1/4	101,641
1/2	5,387	1/2	15,989	1/2	26,662	1/2	37,419	1/2	48,086	1/2	58,829	1/2	69,590	1/2	80,351	1/2	91,109	1/2	101,865
3/4	5,612	3/4	16,208	3/4	26,887	3/4	37,643	3/4	48,307	3/4	59,053	3/4	69,814	3/4	80,575	3/4	91,333	3/4	102,089
8	5,836	8	16,426	8	27,111	8	37,867	8	48,529	8	59,277	8	70,038	8	80,799	8	91,557	8	102,313
1/4	6,060	1/4	16,644	1/4	27,335	1/4	38,091	1/4	48,751	1/4	59,501	1/4	70,262	1/4	81,023	1/4	91,781	1/4	102,538
1/2	6,284	1/2	16,862	1/2	27,559	1/2	38,315	1/2	48,974	1/2	59,725	1/2	70,487	1/2	81,248	1/2	92,005	1/2	102,762
3/4	6,508	3/4	17,080	3/4	27,783	3/4	38,539	3/4	49,196	3/4	59,950	3/4	70,711	3/4	81,472	3/4	92,229	3/4	102,986
9	6,732	9	17,298	9	28,007	9	38,763	9	49,419	9	60,174	9	70,935	9	81,696	9	92,453	9	103,210
1/4	6,956	1/4	17,516	1/4	28,231	1/4	38,988	1/4	49,642	1/4	60,398	1/4	71,159	1/4	81,920	1/4	92,677	1/4	103,434
1/2	7,180	1/2	17,735	1/2	28,455	1/2	39,212	1/2	49,864	1/2	60,622	1/2	71,383	1/2	82,144	1/2	92,901	1/2	103,658
3/4	7,405	3/4	17,953	3/4	28,679	3/4	39,436	3/4	50,087	3/4	60,846	3/4	71,607	3/4	82,369	3/4	93,125	3/4	103,882
10	7,629	10	18,171	10	28,903	10	39,660	10	50,309	10	61,071	10	71,832	10	82,593	10	93,350	10	104,106
1/4	7,853	1/4	18,389	1/4	29,127	1/4	39,884	1/4	50,534	1/4	61,295	1/4	72,056	1/4	82,817	1/4	93,574	1/4	104,330
1/2	8,077	1/2	18,607	1/2	29,352	1/2	40,108	1/2	50,758	1/2	61,519	1/2	72,280	1/2	83,041	1/2	93,798	1/2	104,554
3/4	8,301	3/4	18,825	3/4	29,576	3/4	40,332	3/4	50,982	3/4	61,743	3/4	72,504	3/4	83,265	3/4	94,022	3/4	104,779
11	8,525	11	19,043	11	29,800	11	40,556	11	51,206	11	61,967	11	72,728	11	83,489	11	94,246	11	105,003
1/4	8,749	1/4	19,267	1/4	30,024	1/4	40,780	1/4	51,430	1/4	62,192	1/4	72,953	1/4	83,713	1/4	94,470	1/4	105,227
1/2	8,973	1/2	19,492	1/2	30,248	1/2	41,004	1/2	51,655	1/2	62,416	1/2	73,177	1/2	83,937	1/2	94,694	1/2	105,451
3/4	9,197	3/4	19,716	3/4	30,472	3/4	41,228	3/4	51,879	3/4	62,640	3/4	73,401	3/4	84,161	3/4	94,918	3/4	105,675

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "DBL 146"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10"

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	105,899	0	115,686	0	125,143	0	134,601	0	144,023	0		0		0		0		0	
1/4	106,123	1/4	115,883	1/4	125,340	1/4	134,798	1/4	144,219	1/4		1/4		1/4		1/4		1/4	
1/2	106,347	1/2	116,080	1/2	125,537	1/2	134,995	1/2	144,414	1/2		1/2		1/2		1/2		1/2	
3/4	106,571	3/4	116,277	3/4	125,734	3/4	135,192	3/4	144,609	3/4		3/4		3/4		3/4		3/4	
1	106,795	1	116,474	1	125,931	1	135,389	1	144,804	1		1		1		1		1	
1/4	107,020	1/4	116,671	1/4	126,128	1/4	135,586	1/4	145,000	1/4		1/4		1/4		1/4		1/4	
1/2	107,245	1/2	116,868	1/2	126,325	1/2	135,783	1/2	145,195	1/2		1/2		1/2		1/2		1/2	
3/4	107,469	3/4	117,065	3/4	126,522	3/4	135,980	3/4	145,390	3/4		3/4		3/4		3/4		3/4	
2	107,694	2	117,262	2	126,719	2	136,177	2	145,586	2		2		2		2		2	
1/4	107,919	1/4	117,459	1/4	126,917	1/4	136,374	1/4	145,781	1/4		1/4		1/4		1/4		1/4	
1/2	108,143	1/2	117,656	1/2	127,114	1/2	136,571	1/2	145,976	1/2		1/2		1/2		1/2		1/2	
3/4	108,368	3/4	117,853	3/4	127,311	3/4	136,768	3/4	146,171	3/4		3/4		3/4		3/4		3/4	
3	108,593	3	118,050	3	127,508	3	136,965	3	146,367	3		3		3		3		3	
1/4	108,790	1/4	118,247	1/4	127,705	1/4	137,162	1/4	146,562	1/4		1/4		1/4		1/4		1/4	
1/2	108,987	1/2	118,444	1/2	127,902	1/2	137,359	1/2	146,757	1/2		1/2		1/2		1/2		1/2	
3/4	109,184	3/4	118,641	3/4	128,099	3/4	137,556	3/4	146,953	3/4		3/4		3/4		3/4		3/4	
4	109,381	4	118,838	4	128,296	4	137,753	4	147,148	4		4		4		4		4	
1/4	109,578	1/4	119,035	1/4	128,493	1/4	137,950	1/4	147,343	1/4		1/4		1/4		1/4		1/4	
1/2	109,775	1/2	119,232	1/2	128,690	1/2	138,147	1/2	147,538	1/2		1/2		1/2		1/2		1/2	
3/4	109,972	3/4	119,429	3/4	128,887	3/4	138,344	3/4	147,734	3/4		3/4		3/4		3/4		3/4	
5	110,169	5	119,626	5	129,084	5	138,541	5	147,929	5		5		5		5		5	
1/4	110,366	1/4	119,823	1/4	129,281	1/4	138,738	1/4	148,121	1/4		1/4		1/4		1/4		1/4	
1/2	110,563	1/2	120,020	1/2	129,478	1/2	138,935	1/2	148,314	1/2		1/2		1/2		1/2		1/2	
3/4	110,760	3/4	120,217	3/4	129,675	3/4	139,132	3/4	148,506	3/4		3/4		3/4		3/4		3/4	
6	110,957	6	120,415	6	129,872	6	139,329	6	148,699	6		6		6		6		6	
1/4	111,154	1/4	120,612	1/4	130,069	1/4	139,526	1/4	148,891	1/4		1/4		1/4		1/4		1/4	
1/2	111,351	1/2	120,809	1/2	130,266	1/2	139,724	1/2	149,083	1/2		1/2		1/2		1/2		1/2	
3/4	111,548	3/4	121,006	3/4	130,463	3/4	139,921	3/4	149,276	3/4		3/4		3/4		3/4		3/4	
7	111,745	7	121,203	7	130,660	7	140,118	7	149,468	7		7		7		7		7	
1/4	111,942	1/4	121,400	1/4	130,857	1/4	140,313	1/4	149,661	1/4		1/4		1/4		1/4		1/4	
1/2	112,139	1/2	121,597	1/2	131,054	1/2	140,508	1/2	149,853	1/2		1/2		1/2		1/2		1/2	
3/4	112,336	3/4	121,794	3/4	131,251	3/4	140,703	3/4	150,045	3/4		3/4		3/4		3/4		3/4	
8	112,533	8	121,991	8	131,448	8	140,899	8	150,238	8		8		8		8		8	
1/4	112,730	1/4	122,188	1/4	131,645	1/4	141,094	1/4	150,421	1/4		1/4		1/4		1/4		1/4	
1/2	112,927	1/2	122,385	1/2	131,842	1/2	141,289	1/2	150,604	1/2		1/2		1/2		1/2		1/2	
3/4	113,124	3/4	122,582	3/4	132,039	3/4	141,485	3/4	150,787	3/4		3/4		3/4		3/4		3/4	
9	113,321	9	122,779	9	132,236	9	141,680	9	150,970	9		9		9		9		9	
1/4	113,518	1/4	122,976	1/4	132,433	1/4	141,875	1/4	151,087	1/4		1/4		1/4		1/4		1/4	
1/2	113,715	1/2	123,173	1/2	132,630	1/2	142,070	1/2	151,205	1/2		1/2		1/2		1/2		1/2	
3/4	113,913	3/4	123,370	3/4	132,827	3/4	142,266	3/4	151,322	3/4		3/4		3/4		3/4		3/4	
10	114,110	10	123,567	10	133,024	10	142,461	10	151,440	10		10		10		10		10	
1/4	114,307	1/4	123,764	1/4	133,221	1/4	142,656	1/4	151,515	1/4		1/4		1/4		1/4		1/4	
1/2	114,504	1/2	123,961	1/2	133,419	1/2	142,852	1/2	151,590	1/2		1/2		1/2		1/2		1/2	
3/4	114,701	3/4	124,158	3/4	133,616	3/4	143,047	3/4	151,665	3/4		3/4		3/4		3/4		3/4	
11	114,898	11	124,355	11	133,813	11	143,242	11	151,740	11		11		11		11		11	
1/4	115,095	1/4	124,552	1/4	134,010	1/4	143,437	1/4	151,758	1/4		1/4		1/4		1/4		1/4	
1/2	115,292	1/2	124,749	1/2	134,207	1/2	143,633	1/2	151,777	1/2		1/2		1/2		1/2		1/2	
3/4	115,489	3/4	124,946	3/4	134,404	3/4	143,828	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2021 JS  
CALCULATED: 06/17/2021 CL  
PRINTED: 06/18/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2021

PRECISION MEASUREMENT  
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# BARGE "DBL 146"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-09 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	10,497	0	22,178	0	34,183	0	46,188	0	58,193	0	70,198	0	82,203	0	94,208	0	106,207
1/4	69	1/4	10,747	1/4	22,428	1/4	34,433	1/4	46,438	1/4	58,443	1/4	70,448	1/4	82,454	1/4	94,458	1/4	106,457
1/2	110	1/2	10,997	1/2	22,678	1/2	34,683	1/2	46,688	1/2	58,693	1/2	70,699	1/2	82,704	1/2	94,708	1/2	106,707
3/4	152	3/4	11,247	3/4	22,928	3/4	34,933	3/4	46,938	3/4	58,943	3/4	70,949	3/4	82,954	3/4	94,958	3/4	106,957
1	194	1	11,497	1	23,178	1	35,183	1	47,189	1	59,194	1	71,199	1	83,204	1	95,208	1	107,207
1/4	319	1/4	11,739	1/4	23,428	1/4	35,434	1/4	47,439	1/4	59,444	1/4	71,449	1/4	83,454	1/4	95,458	1/4	107,457
1/2	444	1/2	11,982	1/2	23,679	1/2	35,684	1/2	47,689	1/2	59,694	1/2	71,699	1/2	83,704	1/2	95,708	1/2	107,707
3/4	569	3/4	12,224	3/4	23,929	3/4	35,934	3/4	47,939	3/4	59,944	3/4	71,949	3/4	83,954	3/4	95,958	3/4	107,957
2	694	2	12,466	2	24,179	2	36,184	2	48,189	2	60,194	2	72,199	2	84,204	2	96,208	2	108,207
1/4	902	1/4	12,709	1/4	24,429	1/4	36,434	1/4	48,439	1/4	60,444	1/4	72,449	1/4	84,454	1/4	96,458	1/4	108,457
1/2	1,110	1/2	12,951	1/2	24,679	1/2	36,684	1/2	48,689	1/2	60,694	1/2	72,699	1/2	84,705	1/2	96,708	1/2	108,707
3/4	1,318	3/4	13,194	3/4	24,929	3/4	36,934	3/4	48,939	3/4	60,944	3/4	72,950	3/4	84,955	3/4	96,957	3/4	108,957
3	1,526	3	13,436	3	25,179	3	37,184	3	49,189	3	61,195	3	73,200	3	85,205	3	97,207	3	109,207
1/4	1,772	1/4	13,678	1/4	25,429	1/4	37,434	1/4	49,440	1/4	61,445	1/4	73,450	1/4	85,455	1/4	97,457	1/4	109,457
1/2	2,018	1/2	13,920	1/2	25,679	1/2	37,684	1/2	49,690	1/2	61,695	1/2	73,700	1/2	85,705	1/2	97,707	1/2	109,707
3/4	2,264	3/4	14,162	3/4	25,929	3/4	37,935	3/4	49,940	3/4	61,945	3/4	73,950	3/4	85,955	3/4	97,957	3/4	109,957
4	2,510	4	14,403	4	26,180	4	38,185	4	50,190	4	62,195	4	74,200	4	86,205	4	98,207	4	110,207
1/4	2,758	1/4	14,645	1/4	26,430	1/4	38,435	1/4	50,440	1/4	62,445	1/4	74,450	1/4	86,455	1/4	98,457	1/4	110,457
1/2	3,006	1/2	14,887	1/2	26,680	1/2	38,685	1/2	50,690	1/2	62,695	1/2	74,700	1/2	86,705	1/2	98,707	1/2	110,707
3/4	3,254	3/4	15,129	3/4	26,930	3/4	38,935	3/4	50,940	3/4	62,945	3/4	74,950	3/4	86,955	3/4	98,957	3/4	110,957
5	3,502	5	15,371	5	27,180	5	39,185	5	51,190	5	63,195	5	75,201	5	87,206	5	99,207	5	111,207
1/4	3,751	1/4	15,613	1/4	27,430	1/4	39,435	1/4	51,440	1/4	63,445	1/4	75,451	1/4	87,456	1/4	99,457	1/4	111,457
1/2	4,000	1/2	15,855	1/2	27,680	1/2	39,685	1/2	51,690	1/2	63,695	1/2	75,701	1/2	87,706	1/2	99,707	1/2	111,707
3/4	4,249	3/4	16,097	3/4	27,930	3/4	39,935	3/4	51,941	3/4	63,946	3/4	75,951	3/4	87,956	3/4	99,957	3/4	111,957
6	4,498	6	16,339	6	28,180	6	40,186	6	52,191	6	64,196	6	76,201	6	88,206	6	100,207	6	112,207
1/4	4,748	1/4	16,581	1/4	28,431	1/4	40,436	1/4	52,441	1/4	64,446	1/4	76,451	1/4	88,456	1/4	100,457	1/4	112,457
1/2	4,998	1/2	16,823	1/2	28,681	1/2	40,686	1/2	52,691	1/2	64,696	1/2	76,701	1/2	88,706	1/2	100,707	1/2	112,707
3/4	5,248	3/4	17,065	3/4	28,931	3/4	40,936	3/4	52,941	3/4	64,946	3/4	76,951	3/4	88,956	3/4	100,957	3/4	112,957
7	5,497	7	17,307	7	29,181	7	41,186	7	53,191	7	65,196	7	77,201	7	89,206	7	101,207	7	113,207
1/4	5,747	1/4	17,549	1/4	29,431	1/4	41,436	1/4	53,441	1/4	65,446	1/4	77,451	1/4	89,457	1/4	101,457	1/4	113,457
1/2	5,998	1/2	17,790	1/2	29,681	1/2	41,686	1/2	53,691	1/2	65,696	1/2	77,702	1/2	89,707	1/2	101,707	1/2	113,707
3/4	6,248	3/4	18,032	3/4	29,931	3/4	41,936	3/4	53,941	3/4	65,947	3/4	77,952	3/4	89,957	3/4	101,957	3/4	113,957
8	6,498	8	18,274	8	30,181	8	42,186	8	54,192	8	66,197	8	78,202	8	90,207	8	102,207	8	114,207
1/4	6,748	1/4	18,516	1/4	30,431	1/4	42,437	1/4	54,442	1/4	66,447	1/4	78,452	1/4	90,457	1/4	102,457	1/4	114,457
1/2	6,998	1/2	18,758	1/2	30,682	1/2	42,687	1/2	54,692	1/2	66,697	1/2	78,702	1/2	90,707	1/2	102,707	1/2	114,707
3/4	7,247	3/4	19,000	3/4	30,932	3/4	42,937	3/4	54,942	3/4	66,947	3/4	78,952	3/4	90,957	3/4	102,957	3/4	114,957
9	7,497	9	19,242	9	31,182	9	43,187	9	55,192	9	67,197	9	79,202	9	91,207	9	103,207	9	115,206
1/4	7,747	1/4	19,484	1/4	31,432	1/4	43,437	1/4	55,442	1/4	67,447	1/4	79,452	1/4	91,457	1/4	103,457	1/4	115,456
1/2	7,997	1/2	19,726	1/2	31,682	1/2	43,687	1/2	55,692	1/2	67,697	1/2	79,702	1/2	91,708	1/2	103,707	1/2	115,706
3/4	8,247	3/4	19,968	3/4	31,932	3/4	43,937	3/4	55,942	3/4	67,947	3/4	79,953	3/4	91,958	3/4	103,957	3/4	115,956
10	8,497	10	20,210	10	32,182	10	44,187	10	56,192	10	68,198	10	80,203	10	92,208	10	104,207	10	116,206
1/4	8,747	1/4	20,452	1/4	32,432	1/4	44,437	1/4	56,442	1/4	68,448	1/4	80,453	1/4	92,458	1/4	104,457	1/4	116,456
1/2	8,997	1/2	20,694	1/2	32,682	1/2	44,687	1/2	56,693	1/2	68,698	1/2	80,703	1/2	92,708	1/2	104,707	1/2	116,706
3/4	9,247	3/4	20,936	3/4	32,932	3/4	44,938	3/4	56,943	3/4	68,948	3/4	80,953	3/4	92,958	3/4	104,957	3/4	116,956
11	9,497	11	21,177	11	33,183	11	45,188	11	57,193	11	69,198	11	81,203	11	93,208	11	105,207	11	117,206
1/4	9,747	1/4	21,428	1/4	33,433	1/4	45,438	1/4	57,443	1/4	69,448	1/4	81,453	1/4	93,458	1/4	105,457	1/4	117,456
1/2	9,997	1/2	21,678	1/2	33,683	1/2	45,688	1/2	57,693	1/2	69,698	1/2	81,703	1/2	93,708	1/2	105,707	1/2	117,706
3/4	10,247	3/4	21,928	3/4	33,933	3/4	45,938	3/4	57,943	3/4	69,948	3/4	81,953	3/4	93,958	3/4	105,957	3/4	117,956

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 146"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-09 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	118,456	1/4	130,456	1/4	142,455	1/4	154,454	1/4	166,405	1/4		1/4		1/4		1/4		1/4	
1/2	118,706	1/2	130,706	1/2	142,705	1/2	154,704	1/2	166,653	1/2		1/2		1/2		1/2		1/2	
3/4	118,956	3/4	130,956	3/4	142,955	3/4	154,954	3/4	166,900	3/4		3/4		3/4		3/4		3/4	
1	119,206	1	131,206	1	143,205	1	155,204	1	167,148	1		1		1		1		1	
1/4	119,456	1/4	131,456	1/4	143,455	1/4	155,454	1/4	167,396	1/4		1/4		1/4		1/4		1/4	
1/2	119,706	1/2	131,706	1/2	143,705	1/2	155,704	1/2	167,643	1/2		1/2		1/2		1/2		1/2	
3/4	119,956	3/4	131,956	3/4	143,955	3/4	155,954	3/4	167,891	3/4		3/4		3/4		3/4		3/4	
2	120,206	2	132,206	2	144,205	2	156,204	2	168,139	2		2		2		2		2	
1/4	120,456	1/4	132,456	1/4	144,455	1/4	156,454	1/4	168,386	1/4		1/4		1/4		1/4		1/4	
1/2	120,706	1/2	132,706	1/2	144,705	1/2	156,704	1/2	168,634	1/2		1/2		1/2		1/2		1/2	
3/4	120,956	3/4	132,956	3/4	144,955	3/4	156,954	3/4	168,882	3/4		3/4		3/4		3/4		3/4	
3	121,206	3	133,206	3	145,205	3	157,204	3	169,129	3		3		3		3		3	
1/4	121,456	1/4	133,455	1/4	145,455	1/4	157,454	1/4	169,377	1/4		1/4		1/4		1/4		1/4	
1/2	121,706	1/2	133,705	1/2	145,705	1/2	157,704	1/2	169,625	1/2		1/2		1/2		1/2		1/2	
3/4	121,956	3/4	133,955	3/4	145,955	3/4	157,954	3/4	169,872	3/4		3/4		3/4		3/4		3/4	
4	122,206	4	134,205	4	146,205	4	158,204	4	170,120	4		4		4		4		4	
1/4	122,456	1/4	134,455	1/4	146,455	1/4	158,454	1/4	170,368	1/4		1/4		1/4		1/4		1/4	
1/2	122,706	1/2	134,705	1/2	146,705	1/2	158,704	1/2	170,615	1/2		1/2		1/2		1/2		1/2	
3/4	122,956	3/4	134,955	3/4	146,955	3/4	158,954	3/4	170,863	3/4		3/4		3/4		3/4		3/4	
5	123,206	5	135,205	5	147,205	5	159,204	5	171,111	5		5		5		5		5	
1/4	123,456	1/4	135,455	1/4	147,455	1/4	159,454	1/4	171,355	1/4		1/4		1/4		1/4		1/4	
1/2	123,706	1/2	135,705	1/2	147,705	1/2	159,704	1/2	171,600	1/2		1/2		1/2		1/2		1/2	
3/4	123,956	3/4	135,955	3/4	147,955	3/4	159,954	3/4	171,844	3/4		3/4		3/4		3/4		3/4	
6	124,206	6	136,205	6	148,205	6	160,204	6	172,088	6		6		6		6		6	
1/4	124,456	1/4	136,455	1/4	148,455	1/4	160,454	1/4	172,333	1/4		1/4		1/4		1/4		1/4	
1/2	124,706	1/2	136,705	1/2	148,705	1/2	160,704	1/2	172,577	1/2		1/2		1/2		1/2		1/2	
3/4	124,956	3/4	136,955	3/4	148,955	3/4	160,954	3/4	172,822	3/4		3/4		3/4		3/4		3/4	
7	125,206	7	137,205	7	149,205	7	161,204	7	173,066	7		7		7		7		7	
1/4	125,456	1/4	137,455	1/4	149,455	1/4	161,452	1/4	173,311	1/4		1/4		1/4		1/4		1/4	
1/2	125,706	1/2	137,705	1/2	149,705	1/2	161,699	1/2	173,555	1/2		1/2		1/2		1/2		1/2	
3/4	125,956	3/4	137,955	3/4	149,955	3/4	161,947	3/4	173,800	3/4		3/4		3/4		3/4		3/4	
8	126,206	8	138,205	8	150,205	8	162,195	8	174,044	8		8		8		8		8	
1/4	126,456	1/4	138,455	1/4	150,455	1/4	162,442	1/4	174,278	1/4		1/4		1/4		1/4		1/4	
1/2	126,706	1/2	138,705	1/2	150,705	1/2	162,690	1/2	174,512	1/2		1/2		1/2		1/2		1/2	
3/4	126,956	3/4	138,955	3/4	150,955	3/4	162,938	3/4	174,746	3/4		3/4		3/4		3/4		3/4	
9	127,206	9	139,205	9	151,205	9	163,185	9	174,980	9		9		9		9		9	
1/4	127,456	1/4	139,455	1/4	151,455	1/4	163,433	1/4	175,142	1/4		1/4		1/4		1/4		1/4	
1/2	127,706	1/2	139,705	1/2	151,704	1/2	163,681	1/2	175,303	1/2		1/2		1/2		1/2		1/2	
3/4	127,956	3/4	139,955	3/4	151,954	3/4	163,928	3/4	175,464	3/4		3/4		3/4		3/4		3/4	
10	128,206	10	140,205	10	152,204	10	164,176	10	175,625	10		10		10		10		10	
1/4	128,456	1/4	140,455	1/4	152,454	1/4	164,424	1/4	175,708	1/4		1/4		1/4		1/4		1/4	
1/2	128,706	1/2	140,705	1/2	152,704	1/2	164,671	1/2	175,792	1/2		1/2		1/2		1/2		1/2	
3/4	128,956	3/4	140,955	3/4	152,954	3/4	164,919	3/4	175,875	3/4		3/4		3/4		3/4		3/4	
11	129,206	11	141,205	11	153,204	11	165,167	11	175,958	11		11		11		11		11	
1/4	129,456	1/4	141,455	1/4	153,454	1/4	165,414	1/4	175,979	1/4		1/4		1/4		1/4		1/4	
1/2	129,706	1/2	141,705	1/2	153,704	1/2	165,662	1/2	176,000	1/2		1/2		1/2		1/2		1/2	
3/4	129,956	3/4	141,955	3/4	153,954	3/4	165,910	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2021 JS  
CALCULATED: 06/17/2021 CL  
PRINTED: 06/18/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2021

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "DBL 146"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-09 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	9,289	0	19,884	0	30,502	0	41,120	0	51,738	0	62,356	0	72,974	0	83,592	0	94,209
1/4	64	1/4	9,510	1/4	20,106	1/4	30,724	1/4	41,342	1/4	51,960	1/4	62,578	1/4	73,196	1/4	83,813	1/4	94,426
1/2	101	1/2	9,732	1/2	20,327	1/2	30,945	1/2	41,563	1/2	52,181	1/2	62,799	1/2	73,417	1/2	84,034	1/2	94,647
3/4	138	3/4	9,953	3/4	20,548	3/4	31,166	3/4	41,784	3/4	52,402	3/4	63,020	3/4	73,638	3/4	84,255	3/4	94,868
1	175	1	10,174	1	20,769	1	31,387	1	42,005	1	52,623	1	63,241	1	73,859	1	84,476	1	95,089
1/4	285	1/4	10,395	1/4	20,990	1/4	31,608	1/4	42,226	1/4	52,845	1/4	63,463	1/4	74,081	1/4	84,697	1/4	95,310
1/2	396	1/2	10,616	1/2	21,212	1/2	31,830	1/2	42,448	1/2	53,066	1/2	63,684	1/2	74,302	1/2	84,918	1/2	95,531
3/4	506	3/4	10,838	3/4	21,433	3/4	32,051	3/4	42,669	3/4	53,287	3/4	63,905	3/4	74,523	3/4	85,139	3/4	95,752
2	617	2	11,059	2	21,654	2	32,272	2	42,890	2	53,508	2	64,126	2	74,744	2	85,360	2	95,973
1/4	801	1/4	11,280	1/4	21,875	1/4	32,493	1/4	43,111	1/4	53,729	1/4	64,347	1/4	74,965	1/4	85,582	1/4	96,194
1/2	985	1/2	11,500	1/2	22,097	1/2	32,715	1/2	43,333	1/2	53,951	1/2	64,569	1/2	75,187	1/2	85,803	1/2	96,416
3/4	1,169	3/4	11,721	3/4	22,318	3/4	32,936	3/4	43,554	3/4	54,172	3/4	64,790	3/4	75,408	3/4	86,024	3/4	96,637
3	1,353	3	11,942	3	22,539	3	33,157	3	43,775	3	54,393	3	65,011	3	75,629	3	86,245	3	96,858
1/4	1,571	1/4	12,163	1/4	22,760	1/4	33,378	1/4	43,996	1/4	54,614	1/4	65,232	1/4	75,850	1/4	86,466	1/4	97,079
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	65,453	1/2	76,071	1/2	86,687	1/2	97,300
3/4	2,006	3/4	12,604	3/4	23,203	3/4	33,821	3/4	44,439	3/4	55,057	3/4	65,675	3/4	76,293	3/4	86,908	3/4	97,521
4	2,223	4	12,824	4	23,424	4	34,042	4	44,660	4	55,278	4	65,896	4	76,514	4	87,129	4	97,742
1/4	2,442	1/4	13,045	1/4	23,645	1/4	34,263	1/4	44,881	1/4	55,499	1/4	66,117	1/4	76,735	1/4	87,350	1/4	97,963
1/2	2,662	1/2	13,266	1/2	23,866	1/2	34,484	1/2	45,102	1/2	55,720	1/2	66,338	1/2	76,956	1/2	87,571	1/2	98,184
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	66,559	3/4	77,177	3/4	87,793	3/4	98,406
5	3,100	5	13,707	5	24,309	5	34,927	5	45,545	5	56,163	5	66,781	5	77,399	5	88,014	5	98,627
1/4	3,321	1/4	13,927	1/4	24,530	1/4	35,148	1/4	45,766	1/4	56,384	1/4	67,002	1/4	77,620	1/4	88,235	1/4	98,848
1/2	3,541	1/2	14,148	1/2	24,751	1/2	35,369	1/2	45,987	1/2	56,605	1/2	67,223	1/2	77,841	1/2	88,456	1/2	99,069
3/4	3,761	3/4	14,369	3/4	24,972	3/4	35,590	3/4	46,208	3/4	56,826	3/4	67,444	3/4	78,062	3/4	88,677	3/4	99,290
6	3,982	6	14,589	6	25,193	6	35,811	6	46,429	6	57,047	6	67,665	6	78,283	6	88,898	6	99,511
1/4	4,203	1/4	14,810	1/4	25,415	1/4	36,033	1/4	46,651	1/4	57,269	1/4	67,887	1/4	78,505	1/4	89,119	1/4	99,732
1/2	4,424	1/2	15,030	1/2	25,636	1/2	36,254	1/2	46,872	1/2	57,490	1/2	68,108	1/2	78,726	1/2	89,340	1/2	99,953
3/4	4,644	3/4	15,251	3/4	25,857	3/4	36,475	3/4	47,093	3/4	57,711	3/4	68,329	3/4	78,947	3/4	89,561	3/4	100,174
7	4,865	7	15,472	7	26,078	7	36,696	7	47,314	7	57,932	7	68,550	7	79,168	7	89,783	7	100,395
1/4	5,087	1/4	15,692	1/4	26,299	1/4	36,917	1/4	47,535	1/4	58,154	1/4	68,772	1/4	79,390	1/4	90,004	1/4	100,617
1/2	5,308	1/2	15,913	1/2	26,521	1/2	37,139	1/2	47,757	1/2	58,375	1/2	68,993	1/2	79,611	1/2	90,225	1/2	100,838
3/4	5,529	3/4	16,133	3/4	26,742	3/4	37,360	3/4	47,978	3/4	58,596	3/4	69,214	3/4	79,832	3/4	90,446	3/4	101,059
8	5,750	8	16,354	8	26,963	8	37,581	8	48,199	8	58,817	8	69,435	8	80,053	8	90,667	8	101,280
1/4	5,971	1/4	16,575	1/4	27,184	1/4	37,802	1/4	48,420	1/4	59,038	1/4	69,656	1/4	80,274	1/4	90,888	1/4	101,501
1/2	6,192	1/2	16,795	1/2	27,406	1/2	38,024	1/2	48,642	1/2	59,260	1/2	69,878	1/2	80,496	1/2	91,109	1/2	101,722
3/4	6,414	3/4	17,016	3/4	27,627	3/4	38,245	3/4	48,863	3/4	59,481	3/4	70,099	3/4	80,717	3/4	91,330	3/4	101,943
9	6,635	9	17,236	9	27,848	9	38,466	9	49,084	9	59,702	9	70,320	9	80,938	9	91,551	9	102,164
1/4	6,856	1/4	17,457	1/4	28,069	1/4	38,687	1/4	49,305	1/4	59,923	1/4	70,541	1/4	81,159	1/4	91,772	1/4	102,385
1/2	7,077	1/2	17,678	1/2	28,290	1/2	38,908	1/2	49,526	1/2	60,144	1/2	70,762	1/2	81,380	1/2	91,994	1/2	102,606
3/4	7,298	3/4	17,898	3/4	28,512	3/4	39,130	3/4	49,748	3/4	60,366	3/4	70,984	3/4	81,602	3/4	92,215	3/4	102,828
10	7,520	10	18,119	10	28,733	10	39,351	10	49,969	10	60,587	10	71,205	10	81,823	10	92,436	10	103,049
1/4	7,741	1/4	18,339	1/4	28,954	1/4	39,572	1/4	50,190	1/4	60,808	1/4	71,426	1/4	82,044	1/4	92,657	1/4	103,270
1/2	7,962	1/2	18,560	1/2	29,175	1/2	39,793	1/2	50,411	1/2	61,029	1/2	71,647	1/2	82,265	1/2	92,878	1/2	103,491
3/4	8,183	3/4	18,781	3/4	29,396	3/4	40,014	3/4	50,632	3/4	61,250	3/4	71,868	3/4	82,486	3/4	93,099	3/4	103,712
11	8,404	11	19,001	11	29,618	11	40,236	11	50,854	11	61,472	11	72,090	11	82,707	11	93,320	11	103,933
1/4	8,626	1/4	19,222	1/4	29,839	1/4	40,457	1/4	51,075	1/4	61,693	1/4	72,311	1/4	82,928	1/4	93,541	1/4	104,154
1/2	8,847	1/2	19,443	1/2	30,060	1/2	40,678	1/2	51,296	1/2	61,914	1/2	72,532	1/2	83,149	1/2	93,762	1/2	104,375
3/4	9,068	3/4	19,664	3/4	30,281	3/4	40,899	3/4	51,517	3/4	62,135	3/4	72,753	3/4	83,371	3/4	93,983	3/4	104,596

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "DBL 146"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-09 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	104,817	0	115,430	0	126,043	0	136,656	0	147,229	0		0		0		0		0	
1/4	105,039	1/4	115,651	1/4	126,264	1/4	136,877	1/4	147,448	1/4		1/4		1/4		1/4		1/4	
1/2	105,260	1/2	115,873	1/2	126,486	1/2	137,098	1/2	147,667	1/2		1/2		1/2		1/2		1/2	
3/4	105,481	3/4	116,094	3/4	126,707	3/4	137,320	3/4	147,886	3/4		3/4		3/4		3/4		3/4	
1	105,702	1	116,315	1	126,928	1	137,541	1	148,105	1		1		1		1		1	
1/4	105,923	1/4	116,536	1/4	127,149	1/4	137,762	1/4	148,324	1/4		1/4		1/4		1/4		1/4	
1/2	106,144	1/2	116,757	1/2	127,370	1/2	137,983	1/2	148,543	1/2		1/2		1/2		1/2		1/2	
3/4	106,365	3/4	116,978	3/4	127,591	3/4	138,204	3/4	148,762	3/4		3/4		3/4		3/4		3/4	
2	106,586	2	117,199	2	127,812	2	138,425	2	148,981	2		2		2		2		2	
1/4	106,807	1/4	117,420	1/4	128,033	1/4	138,646	1/4	149,200	1/4		1/4		1/4		1/4		1/4	
1/2	107,029	1/2	117,641	1/2	128,254	1/2	138,867	1/2	149,419	1/2		1/2		1/2		1/2		1/2	
3/4	107,250	3/4	117,863	3/4	128,475	3/4	139,088	3/4	149,638	3/4		3/4		3/4		3/4		3/4	
3	107,471	3	118,084	3	128,697	3	139,309	3	149,857	3		3		3		3		3	
1/4	107,692	1/4	118,305	1/4	128,918	1/4	139,531	1/4	150,076	1/4		1/4		1/4		1/4		1/4	
1/2	107,913	1/2	118,526	1/2	129,139	1/2	139,752	1/2	150,295	1/2		1/2		1/2		1/2		1/2	
3/4	108,134	3/4	118,747	3/4	129,360	3/4	139,973	3/4	150,515	3/4		3/4		3/4		3/4		3/4	
4	108,355	4	118,968	4	129,581	4	140,194	4	150,734	4		4		4		4		4	
1/4	108,576	1/4	119,189	1/4	129,802	1/4	140,415	1/4	150,953	1/4		1/4		1/4		1/4		1/4	
1/2	108,797	1/2	119,410	1/2	130,023	1/2	140,636	1/2	151,172	1/2		1/2		1/2		1/2		1/2	
3/4	109,018	3/4	119,631	3/4	130,244	3/4	140,857	3/4	151,391	3/4		3/4		3/4		3/4		3/4	
5	109,240	5	119,852	5	130,465	5	141,078	5	151,610	5		5		5		5		5	
1/4	109,461	1/4	120,074	1/4	130,686	1/4	141,299	1/4	151,826	1/4		1/4		1/4		1/4		1/4	
1/2	109,682	1/2	120,295	1/2	130,908	1/2	141,520	1/2	152,042	1/2		1/2		1/2		1/2		1/2	
3/4	109,903	3/4	120,516	3/4	131,129	3/4	141,742	3/4	152,259	3/4		3/4		3/4		3/4		3/4	
6	110,124	6	120,737	6	131,350	6	141,963	6	152,475	6		6		6		6		6	
1/4	110,345	1/4	120,958	1/4	131,571	1/4	142,184	1/4	152,691	1/4		1/4		1/4		1/4		1/4	
1/2	110,566	1/2	121,179	1/2	131,792	1/2	142,405	1/2	152,907	1/2		1/2		1/2		1/2		1/2	
3/4	110,787	3/4	121,400	3/4	132,013	3/4	142,626	3/4	153,124	3/4		3/4		3/4		3/4		3/4	
7	111,008	7	121,621	7	132,234	7	142,847	7	153,340	7		7		7		7		7	
1/4	111,229	1/4	121,842	1/4	132,455	1/4	143,066	1/4	153,556	1/4		1/4		1/4		1/4		1/4	
1/2	111,451	1/2	122,063	1/2	132,676	1/2	143,285	1/2	153,772	1/2		1/2		1/2		1/2		1/2	
3/4	111,672	3/4	122,285	3/4	132,897	3/4	143,504	3/4	153,989	3/4		3/4		3/4		3/4		3/4	
8	111,893	8	122,506	8	133,119	8	143,723	8	154,205	8		8		8		8		8	
1/4	112,114	1/4	122,727	1/4	133,340	1/4	143,942	1/4	154,412	1/4		1/4		1/4		1/4		1/4	
1/2	112,335	1/2	122,948	1/2	133,561	1/2	144,162	1/2	154,619	1/2		1/2		1/2		1/2		1/2	
3/4	112,556	3/4	123,169	3/4	133,782	3/4	144,381	3/4	154,826	3/4		3/4		3/4		3/4		3/4	
9	112,777	9	123,390	9	134,003	9	144,600	9	155,033	9		9		9		9		9	
1/4	112,998	1/4	123,611	1/4	134,224	1/4	144,819	1/4	155,176	1/4		1/4		1/4		1/4		1/4	
1/2	113,219	1/2	123,832	1/2	134,445	1/2	145,038	1/2	155,318	1/2		1/2		1/2		1/2		1/2	
3/4	113,440	3/4	124,053	3/4	134,666	3/4	145,257	3/4	155,461	3/4		3/4		3/4		3/4		3/4	
10	113,662	10	124,274	10	134,887	10	145,476	10	155,603	10		10		10		10		10	
1/4	113,883	1/4	124,496	1/4	135,109	1/4	145,695	1/4	155,677	1/4		1/4		1/4		1/4		1/4	
1/2	114,104	1/2	124,717	1/2	135,330	1/2	145,914	1/2	155,751	1/2		1/2		1/2		1/2		1/2	
3/4	114,325	3/4	124,938	3/4	135,551	3/4	146,133	3/4	155,824	3/4		3/4		3/4		3/4		3/4	
11	114,546	11	125,159	11	135,772	11	146,352	11	155,898	11		11		11		11		11	
1/4	114,767	1/4	125,380	1/4	135,993	1/4	146,571	1/4	155,917	1/4		1/4		1/4		1/4		1/4	
1/2	114,988	1/2	125,601	1/2	136,214	1/2	146,790	1/2	155,935	1/2		1/2		1/2		1/2		1/2	
3/4	115,209	3/4	125,822	3/4	136,435	3/4	147,009	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/17/2021 JS  
CALCULATED: 06/17/2021 CL  
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PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2021