



BARGE: DBL 141

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	00-1/4	- 00-1/4	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	- 00-1/8	00-1/8	- 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	00-3/8	- 00-3/8	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)

LENGTH BETWEEN DRAFT MARKS: 160'-03"

January 27, 2020

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"



BARGE "DBL 141"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-09"

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	9,381	0	19,854	0	30,565	0	41,275	0	51,880	0	62,595	0	73,310	0	84,025	0	94,736
1/4	64	1/4	9,604	1/4	20,078	1/4	30,788	1/4	41,495	1/4	52,103	1/4	62,818	1/4	73,534	1/4	84,248	1/4	94,959
1/2	102	1/2	9,828	1/2	20,301	1/2	31,011	1/2	41,716	1/2	52,327	1/2	63,042	1/2	73,757	1/2	84,471	1/2	95,182
3/4	139	3/4	10,051	3/4	20,524	3/4	31,234	3/4	41,936	3/4	52,550	3/4	63,265	3/4	73,980	3/4	84,694	3/4	95,405
1	176	1	10,274	1	20,747	1	31,457	1	42,156	1	52,773	1	63,488	1	74,203	1	84,917	1	95,628
1/4	288	1/4	10,491	1/4	20,970	1/4	31,681	1/4	42,376	1/4	52,996	1/4	63,711	1/4	74,427	1/4	85,140	1/4	95,851
1/2	400	1/2	10,708	1/2	21,193	1/2	31,904	1/2	42,596	1/2	53,220	1/2	63,935	1/2	74,650	1/2	85,364	1/2	96,074
3/4	512	3/4	10,926	3/4	21,416	3/4	32,127	3/4	42,816	3/4	53,443	3/4	64,158	3/4	74,873	3/4	85,587	3/4	96,298
2	624	2	11,143	2	21,640	2	32,350	2	43,037	2	53,666	2	64,381	2	75,096	2	85,810	2	96,521
1/4	810	1/4	11,360	1/4	21,863	1/4	32,573	1/4	43,257	1/4	53,889	1/4	64,604	1/4	75,319	1/4	86,033	1/4	96,744
1/2	996	1/2	11,578	1/2	22,086	1/2	32,796	1/2	43,477	1/2	54,112	1/2	64,828	1/2	75,543	1/2	86,256	1/2	96,967
3/4	1,182	3/4	11,795	3/4	22,309	3/4	33,019	3/4	43,697	3/4	54,336	3/4	65,051	3/4	75,766	3/4	86,479	3/4	97,190
3	1,369	3	12,012	3	22,532	3	33,242	3	43,917	3	54,559	3	65,274	3	75,989	3	86,702	3	97,413
1/4	1,589	1/4	12,229	1/4	22,755	1/4	33,466	1/4	44,138	1/4	54,782	1/4	65,497	1/4	76,212	1/4	86,926	1/4	97,636
1/2	1,809	1/2	12,446	1/2	22,978	1/2	33,689	1/2	44,358	1/2	55,005	1/2	65,720	1/2	76,436	1/2	87,149	1/2	97,860
3/4	2,029	3/4	12,663	3/4	23,201	3/4	33,912	3/4	44,578	3/4	55,229	3/4	65,944	3/4	76,659	3/4	87,372	3/4	98,083
4	2,249	4	12,880	4	23,425	4	34,135	4	44,798	4	55,452	4	66,167	4	76,882	4	87,595	4	98,306
1/4	2,471	1/4	13,098	1/4	23,648	1/4	34,358	1/4	45,018	1/4	55,675	1/4	66,390	1/4	77,105	1/4	87,818	1/4	98,529
1/2	2,692	1/2	13,315	1/2	23,871	1/2	34,581	1/2	45,238	1/2	55,898	1/2	66,613	1/2	77,329	1/2	88,041	1/2	98,752
3/4	2,914	3/4	13,532	3/4	24,094	3/4	34,804	3/4	45,459	3/4	56,122	3/4	66,837	3/4	77,552	3/4	88,264	3/4	98,975
5	3,136	5	13,749	5	24,317	5	35,028	5	45,679	5	56,345	5	67,060	5	77,775	5	88,488	5	99,198
1/4	3,359	1/4	13,966	1/4	24,540	1/4	35,251	1/4	45,899	1/4	56,568	1/4	67,283	1/4	77,998	1/4	88,711	1/4	99,422
1/2	3,581	1/2	14,184	1/2	24,763	1/2	35,474	1/2	46,119	1/2	56,791	1/2	67,506	1/2	78,221	1/2	88,934	1/2	99,645
3/4	3,803	3/4	14,401	3/4	24,987	3/4	35,697	3/4	46,339	3/4	57,014	3/4	67,730	3/4	78,445	3/4	89,157	3/4	99,868
6	4,026	6	14,618	6	25,210	6	35,920	6	46,560	6	57,238	6	67,953	6	78,668	6	89,380	6	100,091
1/4	4,249	1/4	14,835	1/4	25,433	1/4	36,143	1/4	46,780	1/4	57,461	1/4	68,176	1/4	78,891	1/4	89,603	1/4	100,314
1/2	4,472	1/2	15,052	1/2	25,656	1/2	36,366	1/2	47,000	1/2	57,684	1/2	68,399	1/2	79,114	1/2	89,826	1/2	100,537
3/4	4,695	3/4	15,270	3/4	25,879	3/4	36,589	3/4	47,220	3/4	57,907	3/4	68,623	3/4	79,338	3/4	90,050	3/4	100,760
7	4,918	7	15,487	7	26,102	7	36,813	7	47,440	7	58,131	7	68,846	7	79,561	7	90,273	7	100,983
1/4	5,141	1/4	15,704	1/4	26,325	1/4	37,036	1/4	47,660	1/4	58,354	1/4	69,069	1/4	79,784	1/4	90,496	1/4	101,207
1/2	5,364	1/2	15,921	1/2	26,548	1/2	37,259	1/2	47,881	1/2	58,577	1/2	69,292	1/2	80,007	1/2	90,719	1/2	101,430
3/4	5,588	3/4	16,138	3/4	26,772	3/4	37,482	3/4	48,101	3/4	58,800	3/4	69,515	3/4	80,231	3/4	90,942	3/4	101,653
8	5,811	8	16,356	8	26,995	8	37,705	8	48,321	8	59,024	8	69,739	8	80,454	8	91,165	8	101,876
1/4	6,034	1/4	16,573	1/4	27,218	1/4	37,928	1/4	48,543	1/4	59,247	1/4	69,962	1/4	80,677	1/4	91,388	1/4	102,099
1/2	6,257	1/2	16,790	1/2	27,441	1/2	38,151	1/2	48,764	1/2	59,470	1/2	70,185	1/2	80,900	1/2	91,612	1/2	102,322
3/4	6,480	3/4	17,007	3/4	27,664	3/4	38,375	3/4	48,986	3/4	59,693	3/4	70,408	3/4	81,123	3/4	91,835	3/4	102,545
9	6,704	9	17,224	9	27,887	9	38,598	9	49,208	9	59,916	9	70,632	9	81,347	9	92,058	9	102,769
1/4	6,927	1/4	17,442	1/4	28,110	1/4	38,821	1/4	49,429	1/4	60,140	1/4	70,855	1/4	81,570	1/4	92,281	1/4	102,992
1/2	7,150	1/2	17,659	1/2	28,334	1/2	39,044	1/2	49,651	1/2	60,363	1/2	71,078	1/2	81,793	1/2	92,504	1/2	103,215
3/4	7,373	3/4	17,876	3/4	28,557	3/4	39,267	3/4	49,873	3/4	60,586	3/4	71,301	3/4	82,016	3/4	92,727	3/4	103,438
10	7,596	10	18,093	10	28,780	10	39,490	10	50,094	10	60,809	10	71,525	10	82,240	10	92,950	10	103,661
1/4	7,819	1/4	18,310	1/4	29,003	1/4	39,713	1/4	50,317	1/4	61,033	1/4	71,748	1/4	82,463	1/4	93,174	1/4	103,884
1/2	8,042	1/2	18,528	1/2	29,226	1/2	39,936	1/2	50,541	1/2	61,256	1/2	71,971	1/2	82,686	1/2	93,397	1/2	104,107
3/4	8,266	3/4	18,745	3/4	29,449	3/4	40,160	3/4	50,764	3/4	61,479	3/4	72,194	3/4	82,909	3/4	93,620	3/4	104,331
11	8,489	11	18,962	11	29,672	11	40,383	11	50,987	11	61,702	11	72,417	11	83,132	11	93,843	11	104,554
1/4	8,712	1/4	19,185	1/4	29,895	1/4	40,606	1/4	51,210	1/4	61,926	1/4	72,641	1/4	83,355	1/4	94,066	1/4	104,777
1/2	8,935	1/2	19,408	1/2	30,119	1/2	40,829	1/2	51,434	1/2	62,149	1/2	72,864	1/2	83,578	1/2	94,289	1/2	105,000
3/4	9,158	3/4	19,631	3/4	30,342	3/4	41,052	3/4	51,657	3/4	62,372	3/4	73,087	3/4	83,802	3/4	94,512	3/4	105,223

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.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 141"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-09"

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	105,446	0	115,190	0	124,607	0	134,023	0	143,404	0		0		0		0		0	
1/4	105,669	1/4	115,387	1/4	124,803	1/4	134,219	1/4	143,598	1/4		1/4		1/4		1/4		1/4	
1/2	105,893	1/2	115,583	1/2	124,999	1/2	134,415	1/2	143,793	1/2		1/2		1/2		1/2		1/2	
3/4	106,116	3/4	115,779	3/4	125,195	3/4	134,611	3/4	143,987	3/4		3/4		3/4		3/4		3/4	
1	106,339	1	115,975	1	125,391	1	134,807	1	144,181	1		1		1		1		1	
1/4	106,563	1/4	116,171	1/4	125,587	1/4	135,003	1/4	144,376	1/4		1/4		1/4		1/4		1/4	
1/2	106,786	1/2	116,367	1/2	125,784	1/2	135,200	1/2	144,570	1/2		1/2		1/2		1/2		1/2	
3/4	107,010	3/4	116,564	3/4	125,980	3/4	135,396	3/4	144,765	3/4		3/4		3/4		3/4		3/4	
2	107,234	2	116,760	2	126,176	2	135,592	2	144,959	2		2		2		2		2	
1/4	107,457	1/4	116,956	1/4	126,372	1/4	135,788	1/4	145,154	1/4		1/4		1/4		1/4		1/4	
1/2	107,681	1/2	117,152	1/2	126,568	1/2	135,984	1/2	145,348	1/2		1/2		1/2		1/2		1/2	
3/4	107,905	3/4	117,348	3/4	126,764	3/4	136,180	3/4	145,542	3/4		3/4		3/4		3/4		3/4	
3	108,128	3	117,544	3	126,961	3	136,377	3	145,737	3		3		3		3		3	
1/4	108,325	1/4	117,741	1/4	127,157	1/4	136,573	1/4	145,931	1/4		1/4		1/4		1/4		1/4	
1/2	108,521	1/2	117,937	1/2	127,353	1/2	136,769	1/2	146,126	1/2		1/2		1/2		1/2		1/2	
3/4	108,717	3/4	118,133	3/4	127,549	3/4	136,965	3/4	146,320	3/4		3/4		3/4		3/4		3/4	
4	108,913	4	118,329	4	127,745	4	137,161	4	146,515	4		4		4		4		4	
1/4	109,109	1/4	118,525	1/4	127,941	1/4	137,357	1/4	146,709	1/4		1/4		1/4		1/4		1/4	
1/2	109,305	1/2	118,721	1/2	128,138	1/2	137,554	1/2	146,903	1/2		1/2		1/2		1/2		1/2	
3/4	109,502	3/4	118,918	3/4	128,334	3/4	137,750	3/4	147,098	3/4		3/4		3/4		3/4		3/4	
5	109,698	5	119,114	5	128,530	5	137,946	5	147,292	5		5		5		5		5	
1/4	109,894	1/4	119,310	1/4	128,726	1/4	138,142	1/4	147,484	1/4		1/4		1/4		1/4		1/4	
1/2	110,090	1/2	119,506	1/2	128,922	1/2	138,338	1/2	147,675	1/2		1/2		1/2		1/2		1/2	
3/4	110,286	3/4	119,702	3/4	129,118	3/4	138,534	3/4	147,867	3/4		3/4		3/4		3/4		3/4	
6	110,482	6	119,898	6	129,315	6	138,731	6	148,059	6		6		6		6		6	
1/4	110,679	1/4	120,095	1/4	129,511	1/4	138,927	1/4	148,250	1/4		1/4		1/4		1/4		1/4	
1/2	110,875	1/2	120,291	1/2	129,707	1/2	139,123	1/2	148,442	1/2		1/2		1/2		1/2		1/2	
3/4	111,071	3/4	120,487	3/4	129,903	3/4	139,319	3/4	148,633	3/4		3/4		3/4		3/4		3/4	
7	111,267	7	120,683	7	130,099	7	139,515	7	148,825	7		7		7		7		7	
1/4	111,463	1/4	120,879	1/4	130,295	1/4	139,710	1/4	149,016	1/4		1/4		1/4		1/4		1/4	
1/2	111,659	1/2	121,076	1/2	130,492	1/2	139,904	1/2	149,208	1/2		1/2		1/2		1/2		1/2	
3/4	111,856	3/4	121,272	3/4	130,688	3/4	140,099	3/4	149,399	3/4		3/4		3/4		3/4		3/4	
8	112,052	8	121,468	8	130,884	8	140,293	8	149,591	8		8		8		8		8	
1/4	112,248	1/4	121,664	1/4	131,080	1/4	140,487	1/4	149,773	1/4		1/4		1/4		1/4		1/4	
1/2	112,444	1/2	121,860	1/2	131,276	1/2	140,682	1/2	149,956	1/2		1/2		1/2		1/2		1/2	
3/4	112,640	3/4	122,056	3/4	131,472	3/4	140,876	3/4	150,138	3/4		3/4		3/4		3/4		3/4	
9	112,836	9	122,253	9	131,669	9	141,071	9	150,320	9		9		9		9		9	
1/4	113,033	1/4	122,449	1/4	131,865	1/4	141,265	1/4	150,437	1/4		1/4		1/4		1/4		1/4	
1/2	113,229	1/2	122,645	1/2	132,061	1/2	141,460	1/2	150,554	1/2		1/2		1/2		1/2		1/2	
3/4	113,425	3/4	122,841	3/4	132,257	3/4	141,654	3/4	150,671	3/4		3/4		3/4		3/4		3/4	
10	113,621	10	123,037	10	132,453	10	141,848	10	150,788	10		10		10		10		10	
1/4	113,817	1/4	123,233	1/4	132,649	1/4	142,043	1/4	150,862	1/4		1/4		1/4		1/4		1/4	
1/2	114,013	1/2	123,430	1/2	132,846	1/2	142,237	1/2	150,937	1/2		1/2		1/2		1/2		1/2	
3/4	114,210	3/4	123,626	3/4	133,042	3/4	142,432	3/4	151,012	3/4		3/4		3/4		3/4		3/4	
11	114,406	11	123,822	11	133,238	11	142,626	11	151,086	11		11		11		11		11	
1/4	114,602	1/4	124,018	1/4	133,434	1/4	142,821	1/4	151,105	1/4		1/4		1/4		1/4		1/4	
1/2	114,798	1/2	124,214	1/2	133,630	1/2	143,015	1/2	151,124	1/2		1/2		1/2		1/2		1/2	
3/4	114,994	3/4	124,410	3/4	133,826	3/4	143,209	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/27/2020 JS
CALCULATED: 01/28/2020 CL
PRINTED: 01/29/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT
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BARGE "DBL 141"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-08 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	10,546	0	22,281	0	34,341	0	46,402	0	58,463	0	70,524	0	82,585	0	94,645	0	106,700
1/4	69	1/4	10,797	1/4	22,532	1/4	34,593	1/4	46,654	1/4	58,714	1/4	70,775	1/4	82,836	1/4	94,896	1/4	106,951
1/2	111	1/2	11,048	1/2	22,783	1/2	34,844	1/2	46,905	1/2	58,966	1/2	71,026	1/2	83,087	1/2	95,147	1/2	107,202
3/4	153	3/4	11,299	3/4	23,034	3/4	35,095	3/4	47,156	3/4	59,217	3/4	71,278	3/4	83,339	3/4	95,398	3/4	107,453
1	195	1	11,550	1	23,286	1	35,347	1	47,407	1	59,468	1	71,529	1	83,590	1	95,649	1	107,704
1/4	320	1/4	11,794	1/4	23,537	1/4	35,598	1/4	47,659	1/4	59,719	1/4	71,780	1/4	83,841	1/4	95,900	1/4	107,955
1/2	446	1/2	12,037	1/2	23,788	1/2	35,849	1/2	47,910	1/2	59,971	1/2	72,032	1/2	84,092	1/2	96,151	1/2	108,207
3/4	571	3/4	12,281	3/4	24,040	3/4	36,100	3/4	48,161	3/4	60,222	3/4	72,283	3/4	84,344	3/4	96,403	3/4	108,458
2	697	2	12,524	2	24,291	2	36,352	2	48,412	2	60,473	2	72,534	2	84,595	2	96,654	2	108,709
1/4	906	1/4	12,768	1/4	24,542	1/4	36,603	1/4	48,664	1/4	60,725	1/4	72,785	1/4	84,846	1/4	96,905	1/4	108,960
1/2	1,115	1/2	13,011	1/2	24,793	1/2	36,854	1/2	48,915	1/2	60,976	1/2	73,037	1/2	85,097	1/2	97,156	1/2	109,211
3/4	1,324	3/4	13,255	3/4	25,045	3/4	37,105	3/4	49,166	3/4	61,227	3/4	73,288	3/4	85,349	3/4	97,407	3/4	109,462
3	1,534	3	13,499	3	25,296	3	37,357	3	49,417	3	61,478	3	73,539	3	85,600	3	97,658	3	109,713
1/4	1,781	1/4	13,741	1/4	25,547	1/4	37,608	1/4	49,669	1/4	61,730	1/4	73,790	1/4	85,851	1/4	97,910	1/4	109,965
1/2	2,028	1/2	13,984	1/2	25,798	1/2	37,859	1/2	49,920	1/2	61,981	1/2	74,042	1/2	86,102	1/2	98,161	1/2	110,216
3/4	2,275	3/4	14,227	3/4	26,050	3/4	38,110	3/4	50,171	3/4	62,232	3/4	74,293	3/4	86,354	3/4	98,412	3/4	110,467
4	2,522	4	14,470	4	26,301	4	38,362	4	50,423	4	62,483	4	74,544	4	86,605	4	98,663	4	110,718
1/4	2,771	1/4	14,713	1/4	26,552	1/4	38,613	1/4	50,674	1/4	62,735	1/4	74,795	1/4	86,856	1/4	98,914	1/4	110,969
1/2	3,020	1/2	14,956	1/2	26,803	1/2	38,864	1/2	50,925	1/2	62,986	1/2	75,047	1/2	87,108	1/2	99,165	1/2	111,220
3/4	3,269	3/4	15,199	3/4	27,055	3/4	39,116	3/4	51,176	3/4	63,237	3/4	75,298	3/4	87,359	3/4	99,416	3/4	111,471
5	3,518	5	15,442	5	27,306	5	39,367	5	51,428	5	63,488	5	75,549	5	87,610	5	99,668	5	111,723
1/4	3,768	1/4	15,685	1/4	27,557	1/4	39,618	1/4	51,679	1/4	63,740	1/4	75,801	1/4	87,861	1/4	99,919	1/4	111,974
1/2	4,019	1/2	15,929	1/2	27,809	1/2	39,869	1/2	51,930	1/2	63,991	1/2	76,052	1/2	88,113	1/2	100,170	1/2	112,225
3/4	4,269	3/4	16,172	3/4	28,060	3/4	40,121	3/4	52,181	3/4	64,242	3/4	76,303	3/4	88,364	3/4	100,421	3/4	112,476
6	4,519	6	16,415	6	28,311	6	40,372	6	52,433	6	64,494	6	76,554	6	88,615	6	100,672	6	112,727
1/4	4,770	1/4	16,658	1/4	28,562	1/4	40,623	1/4	52,684	1/4	64,745	1/4	76,806	1/4	88,866	1/4	100,923	1/4	112,978
1/2	5,021	1/2	16,901	1/2	28,814	1/2	40,874	1/2	52,935	1/2	64,996	1/2	77,057	1/2	89,118	1/2	101,174	1/2	113,229
3/4	5,272	3/4	17,144	3/4	29,065	3/4	41,126	3/4	53,187	3/4	65,247	3/4	77,308	3/4	89,369	3/4	101,426	3/4	113,481
7	5,523	7	17,387	7	29,316	7	41,377	7	53,438	7	65,499	7	77,559	7	89,620	7	101,677	7	113,732
1/4	5,774	1/4	17,630	1/4	29,567	1/4	41,628	1/4	53,689	1/4	65,750	1/4	77,811	1/4	89,871	1/4	101,928	1/4	113,983
1/2	6,025	1/2	17,873	1/2	29,819	1/2	41,879	1/2	53,940	1/2	66,001	1/2	78,062	1/2	90,123	1/2	102,179	1/2	114,234
3/4	6,277	3/4	18,116	3/4	30,070	3/4	42,131	3/4	54,192	3/4	66,252	3/4	78,313	3/4	90,374	3/4	102,430	3/4	114,485
8	6,528	8	18,359	8	30,321	8	42,382	8	54,443	8	66,504	8	78,564	8	90,625	8	102,681	8	114,736
1/4	6,779	1/4	18,602	1/4	30,572	1/4	42,633	1/4	54,694	1/4	66,755	1/4	78,816	1/4	90,877	1/4	102,932	1/4	114,987
1/2	7,030	1/2	18,845	1/2	30,824	1/2	42,885	1/2	54,945	1/2	67,006	1/2	79,067	1/2	91,128	1/2	103,184	1/2	115,239
3/4	7,281	3/4	19,088	3/4	31,075	3/4	43,136	3/4	55,197	3/4	67,257	3/4	79,318	3/4	91,379	3/4	103,435	3/4	115,490
9	7,532	9	19,331	9	31,326	9	43,387	9	55,448	9	67,509	9	79,570	9	91,630	9	103,686	9	115,741
1/4	7,783	1/4	19,574	1/4	31,578	1/4	43,638	1/4	55,699	1/4	67,760	1/4	79,821	1/4	91,882	1/4	103,937	1/4	115,992
1/2	8,034	1/2	19,817	1/2	31,829	1/2	43,890	1/2	55,950	1/2	68,011	1/2	80,072	1/2	92,133	1/2	104,188	1/2	116,243
3/4	8,286	3/4	20,060	3/4	32,080	3/4	44,141	3/4	56,202	3/4	68,263	3/4	80,323	3/4	92,384	3/4	104,439	3/4	116,494
10	8,537	10	20,303	10	32,331	10	44,392	10	56,453	10	68,514	10	80,575	10	92,635	10	104,690	10	116,745
1/4	8,788	1/4	20,546	1/4	32,583	1/4	44,643	1/4	56,704	1/4	68,765	1/4	80,826	1/4	92,887	1/4	104,942	1/4	116,997
1/2	9,039	1/2	20,789	1/2	32,834	1/2	44,895	1/2	56,956	1/2	69,016	1/2	81,077	1/2	93,138	1/2	105,193	1/2	117,248
3/4	9,290	3/4	21,033	3/4	33,085	3/4	45,146	3/4	57,207	3/4	69,268	3/4	81,328	3/4	93,389	3/4	105,444	3/4	117,499
11	9,541	11	21,276	11	33,336	11	45,397	11	57,458	11	69,519	11	81,580	11	93,640	11	105,695	11	117,750
1/4	9,792	1/4	21,527	1/4	33,588	1/4	45,648	1/4	57,709	1/4	69,770	1/4	81,831	1/4	93,891	1/4	105,946	1/4	118,001
1/2	10,043	1/2	21,778	1/2	33,839	1/2	45,900	1/2	57,961	1/2	70,021	1/2	82,082	1/2	94,142	1/2	106,197	1/2	118,252
3/4	10,294	3/4	22,029	3/4	34,090	3/4	46,151	3/4	58,212	3/4	70,273	3/4	82,333	3/4	94,393	3/4	106,448	3/4	118,504

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 141"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-08 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	118,755	0	130,810	0	142,865	0	154,920	0	166,928	0		0		0		0		0	
1/4	119,006	1/4	131,061	1/4	143,116	1/4	155,171	1/4	167,177	1/4		1/4		1/4		1/4		1/4	
1/2	119,257	1/2	131,312	1/2	143,367	1/2	155,422	1/2	167,426	1/2		1/2		1/2		1/2		1/2	
3/4	119,508	3/4	131,563	3/4	143,618	3/4	155,673	3/4	167,674	3/4		3/4		3/4		3/4		3/4	
1	119,759	1	131,814	1	143,869	1	155,924	1	167,923	1		1		1		1		1	
1/4	120,010	1/4	132,065	1/4	144,120	1/4	156,175	1/4	168,172	1/4		1/4		1/4		1/4		1/4	
1/2	120,262	1/2	132,317	1/2	144,372	1/2	156,427	1/2	168,421	1/2		1/2		1/2		1/2		1/2	
3/4	120,513	3/4	132,568	3/4	144,623	3/4	156,678	3/4	168,670	3/4		3/4		3/4		3/4		3/4	
2	120,764	2	132,819	2	144,874	2	156,929	2	168,919	2		2		2		2		2	
1/4	121,015	1/4	133,070	1/4	145,125	1/4	157,180	1/4	169,167	1/4		1/4		1/4		1/4		1/4	
1/2	121,266	1/2	133,321	1/2	145,376	1/2	157,431	1/2	169,416	1/2		1/2		1/2		1/2		1/2	
3/4	121,517	3/4	133,572	3/4	145,627	3/4	157,682	3/4	169,665	3/4		3/4		3/4		3/4		3/4	
3	121,768	3	133,823	3	145,878	3	157,933	3	169,914	3		3		3		3		3	
1/4	122,020	1/4	134,075	1/4	146,130	1/4	158,185	1/4	170,163	1/4		1/4		1/4		1/4		1/4	
1/2	122,271	1/2	134,326	1/2	146,381	1/2	158,436	1/2	170,411	1/2		1/2		1/2		1/2		1/2	
3/4	122,522	3/4	134,577	3/4	146,632	3/4	158,687	3/4	170,660	3/4		3/4		3/4		3/4		3/4	
4	122,773	4	134,828	4	146,883	4	158,938	4	170,909	4		4		4		4		4	
1/4	123,024	1/4	135,079	1/4	147,134	1/4	159,189	1/4	171,158	1/4		1/4		1/4		1/4		1/4	
1/2	123,275	1/2	135,330	1/2	147,385	1/2	159,440	1/2	171,407	1/2		1/2		1/2		1/2		1/2	
3/4	123,526	3/4	135,581	3/4	147,636	3/4	159,691	3/4	171,655	3/4		3/4		3/4		3/4		3/4	
5	123,778	5	135,833	5	147,888	5	159,943	5	171,904	5		5		5		5		5	
1/4	124,029	1/4	136,084	1/4	148,139	1/4	160,194	1/4	172,150	1/4		1/4		1/4		1/4		1/4	
1/2	124,280	1/2	136,335	1/2	148,390	1/2	160,445	1/2	172,396	1/2		1/2		1/2		1/2		1/2	
3/4	124,531	3/4	136,586	3/4	148,641	3/4	160,696	3/4	172,641	3/4		3/4		3/4		3/4		3/4	
6	124,782	6	136,837	6	148,892	6	160,947	6	172,887	6		6		6		6		6	
1/4	125,033	1/4	137,088	1/4	149,143	1/4	161,198	1/4	173,132	1/4		1/4		1/4		1/4		1/4	
1/2	125,284	1/2	137,339	1/2	149,395	1/2	161,450	1/2	173,378	1/2		1/2		1/2		1/2		1/2	
3/4	125,536	3/4	137,591	3/4	149,646	3/4	161,701	3/4	173,624	3/4		3/4		3/4		3/4		3/4	
7	125,787	7	137,842	7	149,897	7	161,952	7	173,869	7		7		7		7		7	
1/4	126,038	1/4	138,093	1/4	150,148	1/4	162,201	1/4	174,115	1/4		1/4		1/4		1/4		1/4	
1/2	126,289	1/2	138,344	1/2	150,399	1/2	162,449	1/2	174,360	1/2		1/2		1/2		1/2		1/2	
3/4	126,540	3/4	138,595	3/4	150,650	3/4	162,698	3/4	174,606	3/4		3/4		3/4		3/4		3/4	
8	126,791	8	138,846	8	150,901	8	162,947	8	174,852	8		8		8		8		8	
1/4	127,042	1/4	139,098	1/4	151,153	1/4	163,196	1/4	175,087	1/4		1/4		1/4		1/4		1/4	
1/2	127,294	1/2	139,349	1/2	151,404	1/2	163,445	1/2	175,322	1/2		1/2		1/2		1/2		1/2	
3/4	127,545	3/4	139,600	3/4	151,655	3/4	163,694	3/4	175,557	3/4		3/4		3/4		3/4		3/4	
9	127,796	9	139,851	9	151,906	9	163,942	9	175,792	9		9		9		9		9	
1/4	128,047	1/4	140,102	1/4	152,157	1/4	164,191	1/4	175,954	1/4		1/4		1/4		1/4		1/4	
1/2	128,298	1/2	140,353	1/2	152,408	1/2	164,440	1/2	176,116	1/2		1/2		1/2		1/2		1/2	
3/4	128,549	3/4	140,604	3/4	152,659	3/4	164,689	3/4	176,278	3/4		3/4		3/4		3/4		3/4	
10	128,801	10	140,856	10	152,911	10	164,938	10	176,439	10		10		10		10		10	
1/4	129,052	1/4	141,107	1/4	153,162	1/4	165,186	1/4	176,523	1/4		1/4		1/4		1/4		1/4	
1/2	129,303	1/2	141,358	1/2	153,413	1/2	165,435	1/2	176,607	1/2		1/2		1/2		1/2		1/2	
3/4	129,554	3/4	141,609	3/4	153,664	3/4	165,684	3/4	176,691	3/4		3/4		3/4		3/4		3/4	
11	129,805	11	141,860	11	153,915	11	165,933	11	176,775	11		11		11		11		11	
1/4	130,056	1/4	142,111	1/4	154,166	1/4	166,182	1/4	176,795	1/4		1/4		1/4		1/4		1/4	
1/2	130,307	1/2	142,362	1/2	154,417	1/2	166,430	1/2	176,816	1/2		1/2		1/2		1/2		1/2	
3/4	130,559	3/4	142,614	3/4	154,669	3/4	166,679	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/27/2020 JS
CALCULATED: 01/28/2020 CL
PRINTED: 01/29/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 141"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-08 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	9,282	0	19,869	0	30,478	0	41,088	0	51,698	0	62,307	0	72,917	0	83,526	0	94,130
1/4	64	1/4	9,503	1/4	20,090	1/4	30,699	1/4	41,309	1/4	51,919	1/4	62,528	1/4	73,138	1/4	83,747	1/4	94,351
1/2	101	1/2	9,724	1/2	20,311	1/2	30,920	1/2	41,530	1/2	52,140	1/2	62,749	1/2	73,359	1/2	83,967	1/2	94,572
3/4	138	3/4	9,945	3/4	20,532	3/4	31,141	3/4	41,751	3/4	52,361	3/4	62,970	3/4	73,580	3/4	84,188	3/4	94,793
1	174	1	10,166	1	20,753	1	31,362	1	41,972	1	52,582	1	63,191	1	73,801	1	84,409	1	95,014
1/4	285	1/4	10,387	1/4	20,974	1/4	31,584	1/4	42,193	1/4	52,803	1/4	63,412	1/4	74,022	1/4	84,630	1/4	95,235
1/2	395	1/2	10,608	1/2	21,195	1/2	31,805	1/2	42,414	1/2	53,024	1/2	63,633	1/2	74,243	1/2	84,851	1/2	95,456
3/4	506	3/4	10,829	3/4	21,416	3/4	32,026	3/4	42,635	3/4	53,245	3/4	63,854	3/4	74,464	3/4	85,072	3/4	95,677
2	616	2	11,050	2	21,637	2	32,247	2	42,856	2	53,466	2	64,075	2	74,685	2	85,293	2	95,898
1/4	800	1/4	11,271	1/4	21,858	1/4	32,468	1/4	43,077	1/4	53,687	1/4	64,297	1/4	74,906	1/4	85,514	1/4	96,118
1/2	984	1/2	11,491	1/2	22,079	1/2	32,689	1/2	43,298	1/2	53,908	1/2	64,518	1/2	75,127	1/2	85,735	1/2	96,339
3/4	1,168	3/4	11,712	3/4	22,300	3/4	32,910	3/4	43,519	3/4	54,129	3/4	64,739	3/4	75,347	3/4	85,956	3/4	96,560
3	1,352	3	11,933	3	22,521	3	33,131	3	43,740	3	54,350	3	64,960	3	75,569	3	86,177	3	96,781
1/4	1,570	1/4	12,153	1/4	22,742	1/4	33,352	1/4	43,961	1/4	54,571	1/4	65,181	1/4	75,790	1/4	86,398	1/4	97,002
1/2	1,787	1/2	12,374	1/2	22,963	1/2	33,573	1/2	44,182	1/2	54,792	1/2	65,402	1/2	76,011	1/2	86,619	1/2	97,223
3/4	2,004	3/4	12,594	3/4	23,184	3/4	33,794	3/4	44,403	3/4	55,013	3/4	65,623	3/4	76,232	3/4	86,840	3/4	97,444
4	2,221	4	12,814	4	23,405	4	34,015	4	44,625	4	55,234	4	65,844	4	76,453	4	87,060	4	97,665
1/4	2,441	1/4	13,035	1/4	23,626	1/4	34,236	1/4	44,846	1/4	55,455	1/4	66,065	1/4	76,674	1/4	87,281	1/4	97,886
1/2	2,660	1/2	13,255	1/2	23,847	1/2	34,457	1/2	45,067	1/2	55,676	1/2	66,286	1/2	76,895	1/2	87,502	1/2	98,107
3/4	2,879	3/4	13,476	3/4	24,068	3/4	34,678	3/4	45,288	3/4	55,897	3/4	66,507	3/4	77,116	3/4	87,723	3/4	98,328
5	3,098	5	13,696	5	24,289	5	34,899	5	45,509	5	56,118	5	66,728	5	77,338	5	87,944	5	98,549
1/4	3,318	1/4	13,916	1/4	24,510	1/4	35,120	1/4	45,730	1/4	56,339	1/4	66,949	1/4	77,559	1/4	88,165	1/4	98,770
1/2	3,538	1/2	14,137	1/2	24,731	1/2	35,341	1/2	45,951	1/2	56,560	1/2	67,170	1/2	77,780	1/2	88,386	1/2	98,991
3/4	3,758	3/4	14,357	3/4	24,953	3/4	35,562	3/4	46,172	3/4	56,781	3/4	67,391	3/4	78,001	3/4	88,607	3/4	99,211
6	3,979	6	14,578	6	25,174	6	35,783	6	46,393	6	57,002	6	67,612	6	78,222	6	88,828	6	99,432
1/4	4,199	1/4	14,798	1/4	25,395	1/4	36,004	1/4	46,614	1/4	57,223	1/4	67,833	1/4	78,443	1/4	89,049	1/4	99,653
1/2	4,420	1/2	15,019	1/2	25,616	1/2	36,225	1/2	46,835	1/2	57,444	1/2	68,054	1/2	78,664	1/2	89,270	1/2	99,874
3/4	4,641	3/4	15,239	3/4	25,837	3/4	36,446	3/4	47,056	3/4	57,666	3/4	68,275	3/4	78,885	3/4	89,491	3/4	100,095
7	4,862	7	15,459	7	26,058	7	36,667	7	47,277	7	57,887	7	68,496	7	79,106	7	89,712	7	100,316
1/4	5,083	1/4	15,680	1/4	26,279	1/4	36,888	1/4	47,498	1/4	58,108	1/4	68,717	1/4	79,327	1/4	89,933	1/4	100,537
1/2	5,304	1/2	15,900	1/2	26,500	1/2	37,109	1/2	47,719	1/2	58,329	1/2	68,938	1/2	79,548	1/2	90,153	1/2	100,758
3/4	5,525	3/4	16,121	3/4	26,721	3/4	37,330	3/4	47,940	3/4	58,550	3/4	69,159	3/4	79,769	3/4	90,374	3/4	100,979
8	5,746	8	16,341	8	26,942	8	37,551	8	48,161	8	58,771	8	69,380	8	79,990	8	90,595	8	101,200
1/4	5,967	1/4	16,561	1/4	27,163	1/4	37,772	1/4	48,382	1/4	58,992	1/4	69,601	1/4	80,211	1/4	90,816	1/4	101,421
1/2	6,188	1/2	16,782	1/2	27,384	1/2	37,993	1/2	48,603	1/2	59,213	1/2	69,822	1/2	80,432	1/2	91,037	1/2	101,642
3/4	6,409	3/4	17,002	3/4	27,605	3/4	38,215	3/4	48,824	3/4	59,434	3/4	70,043	3/4	80,653	3/4	91,258	3/4	101,863
9	6,630	9	17,223	9	27,826	9	38,436	9	49,045	9	59,655	9	70,264	9	80,874	9	91,479	9	102,084
1/4	6,851	1/4	17,443	1/4	28,047	1/4	38,657	1/4	49,266	1/4	59,876	1/4	70,485	1/4	81,095	1/4	91,700	1/4	102,304
1/2	7,072	1/2	17,664	1/2	28,268	1/2	38,878	1/2	49,487	1/2	60,097	1/2	70,707	1/2	81,316	1/2	91,921	1/2	102,525
3/4	7,293	3/4	17,884	3/4	28,489	3/4	39,099	3/4	49,708	3/4	60,318	3/4	70,928	3/4	81,537	3/4	92,142	3/4	102,746
10	7,514	10	18,104	10	28,710	10	39,320	10	49,929	10	60,539	10	71,149	10	81,758	10	92,363	10	102,967
1/4	7,735	1/4	18,325	1/4	28,931	1/4	39,541	1/4	50,150	1/4	60,760	1/4	71,370	1/4	81,979	1/4	92,584	1/4	103,188
1/2	7,956	1/2	18,545	1/2	29,152	1/2	39,762	1/2	50,371	1/2	60,981	1/2	71,591	1/2	82,200	1/2	92,805	1/2	103,409
3/4	8,177	3/4	18,766	3/4	29,373	3/4	39,983	3/4	50,592	3/4	61,202	3/4	71,812	3/4	82,421	3/4	93,025	3/4	103,630
11	8,398	11	18,986	11	29,594	11	40,204	11	50,813	11	61,423	11	72,033	11	82,642	11	93,246	11	103,851
1/4	8,619	1/4	19,207	1/4	29,815	1/4	40,425	1/4	51,034	1/4	61,644	1/4	72,254	1/4	82,863	1/4	93,467	1/4	104,072
1/2	8,840	1/2	19,427	1/2	30,036	1/2	40,646	1/2	51,256	1/2	61,865	1/2	72,475	1/2	83,084	1/2	93,688	1/2	104,293
3/4	9,061	3/4	19,648	3/4	30,257	3/4	40,867	3/4	51,477	3/4	62,086	3/4	72,696	3/4	83,305	3/4	93,909	3/4	104,514

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

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BARGE "DBL 141"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-08 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	104,735	0	115,339	0	125,944	0	136,548	0	147,112	0		0		0		0		0	
1/4	104,956	1/4	115,560	1/4	126,165	1/4	136,769	1/4	147,331	1/4		1/4		1/4		1/4		1/4	
1/2	105,177	1/2	115,781	1/2	126,386	1/2	136,990	1/2	147,550	1/2		1/2		1/2		1/2		1/2	
3/4	105,397	3/4	116,002	3/4	126,606	3/4	137,211	3/4	147,769	3/4		3/4		3/4		3/4		3/4	
1	105,618	1	116,223	1	126,827	1	137,432	1	147,988	1		1		1		1		1	
1/4	105,839	1/4	116,444	1/4	127,048	1/4	137,653	1/4	148,206	1/4		1/4		1/4		1/4		1/4	
1/2	106,060	1/2	116,665	1/2	127,269	1/2	137,874	1/2	148,425	1/2		1/2		1/2		1/2		1/2	
3/4	106,281	3/4	116,886	3/4	127,490	3/4	138,095	3/4	148,644	3/4		3/4		3/4		3/4		3/4	
2	106,502	2	117,107	2	127,711	2	138,316	2	148,863	2		2		2		2		2	
1/4	106,723	1/4	117,328	1/4	127,932	1/4	138,537	1/4	149,082	1/4		1/4		1/4		1/4		1/4	
1/2	106,944	1/2	117,548	1/2	128,153	1/2	138,758	1/2	149,301	1/2		1/2		1/2		1/2		1/2	
3/4	107,165	3/4	117,769	3/4	128,374	3/4	138,978	3/4	149,520	3/4		3/4		3/4		3/4		3/4	
3	107,386	3	117,990	3	128,595	3	139,199	3	149,739	3		3		3		3		3	
1/4	107,607	1/4	118,211	1/4	128,816	1/4	139,420	1/4	149,958	1/4		1/4		1/4		1/4		1/4	
1/2	107,828	1/2	118,432	1/2	129,037	1/2	139,641	1/2	150,176	1/2		1/2		1/2		1/2		1/2	
3/4	108,049	3/4	118,653	3/4	129,258	3/4	139,862	3/4	150,395	3/4		3/4		3/4		3/4		3/4	
4	108,270	4	118,874	4	129,479	4	140,083	4	150,614	4		4		4		4		4	
1/4	108,490	1/4	119,095	1/4	129,699	1/4	140,304	1/4	150,833	1/4		1/4		1/4		1/4		1/4	
1/2	108,711	1/2	119,316	1/2	129,920	1/2	140,525	1/2	151,052	1/2		1/2		1/2		1/2		1/2	
3/4	108,932	3/4	119,537	3/4	130,141	3/4	140,746	3/4	151,271	3/4		3/4		3/4		3/4		3/4	
5	109,153	5	119,758	5	130,362	5	140,967	5	151,490	5		5		5		5		5	
1/4	109,374	1/4	119,979	1/4	130,583	1/4	141,188	1/4	151,706	1/4		1/4		1/4		1/4		1/4	
1/2	109,595	1/2	120,200	1/2	130,804	1/2	141,409	1/2	151,922	1/2		1/2		1/2		1/2		1/2	
3/4	109,816	3/4	120,421	3/4	131,025	3/4	141,630	3/4	152,138	3/4		3/4		3/4		3/4		3/4	
6	110,037	6	120,641	6	131,246	6	141,850	6	152,354	6		6		6		6		6	
1/4	110,258	1/4	120,862	1/4	131,467	1/4	142,071	1/4	152,570	1/4		1/4		1/4		1/4		1/4	
1/2	110,479	1/2	121,083	1/2	131,688	1/2	142,292	1/2	152,786	1/2		1/2		1/2		1/2		1/2	
3/4	110,700	3/4	121,304	3/4	131,909	3/4	142,513	3/4	153,002	3/4		3/4		3/4		3/4		3/4	
7	110,921	7	121,525	7	132,130	7	142,734	7	153,218	7		7		7		7		7	
1/4	111,142	1/4	121,746	1/4	132,351	1/4	142,955	1/4	153,434	1/4		1/4		1/4		1/4		1/4	
1/2	111,362	1/2	121,967	1/2	132,572	1/2	143,172	1/2	153,651	1/2		1/2		1/2		1/2		1/2	
3/4	111,583	3/4	122,188	3/4	132,792	3/4	143,391	3/4	153,867	3/4		3/4		3/4		3/4		3/4	
8	111,804	8	122,409	8	133,013	8	143,610	8	154,083	8		8		8		8		8	
1/4	112,025	1/4	122,630	1/4	133,234	1/4	143,829	1/4	154,299	1/4		1/4		1/4		1/4		1/4	
1/2	112,246	1/2	122,851	1/2	133,455	1/2	144,048	1/2	154,496	1/2		1/2		1/2		1/2		1/2	
3/4	112,467	3/4	123,072	3/4	133,676	3/4	144,266	3/4	154,703	3/4		3/4		3/4		3/4		3/4	
9	112,688	9	123,293	9	133,897	9	144,485	9	154,910	9		9		9		9		9	
1/4	112,909	1/4	123,514	1/4	134,118	1/4	144,704	1/4	155,053	1/4		1/4		1/4		1/4		1/4	
1/2	113,130	1/2	123,734	1/2	134,339	1/2	144,923	1/2	155,195	1/2		1/2		1/2		1/2		1/2	
3/4	113,351	3/4	123,955	3/4	134,560	3/4	145,142	3/4	155,337	3/4		3/4		3/4		3/4		3/4	
10	113,572	10	124,176	10	134,781	10	145,361	10	155,480	10		10		10		10		10	
1/4	113,793	1/4	124,397	1/4	135,002	1/4	145,580	1/4	155,553	1/4		1/4		1/4		1/4		1/4	
1/2	114,014	1/2	124,618	1/2	135,223	1/2	145,799	1/2	155,627	1/2		1/2		1/2		1/2		1/2	
3/4	114,235	3/4	124,839	3/4	135,444	3/4	146,018	3/4	155,701	3/4		3/4		3/4		3/4		3/4	
11	114,455	11	125,060	11	135,665	11	146,236	11	155,774	11		11		11		11		11	
1/4	114,676	1/4	125,281	1/4	135,885	1/4	146,455	1/4	155,793	1/4		1/4		1/4		1/4		1/4	
1/2	114,897	1/2	125,502	1/2	136,106	1/2	146,674	1/2	155,811	1/2		1/2		1/2		1/2		1/2	
3/4	115,118	3/4	125,723	3/4	136,327	3/4	146,893	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/27/2020 JS
CALCULATED: 01/28/2020 CL
PRINTED: 01/29/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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