



BARGE: DBL 140

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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 160'-03"

November 5, 2019



BARGE "DBL 140"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
									151,199		142,235		132,815		123,373		113,931		103,944		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,082	1/4	142,041	1/4	132,618	1/4	123,176	1/4	113,734	1/4	103,720		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,965	1/2	141,846	1/2	132,421	1/2	122,980	1/2	113,538	1/2	103,497		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,848	3/4	141,651	3/4	132,225	3/4	122,783	3/4	113,341	3/4	103,273		
1	1	1	1	1	1	1	1	1	150,730	1	141,456	1	132,028	1	122,586	1	113,144	1	103,049		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,548	1/4	141,261	1/4	131,831	1/4	122,389	1/4	112,948	1/4	102,825		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,365	1/2	141,066	1/2	131,634	1/2	122,193	1/2	112,751	1/2	102,602		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,182	3/4	140,871	3/4	131,438	3/4	121,996	3/4	112,554	3/4	102,378		
2	2	2	2	2	2	2	2	2	149,999	2	140,676	2	131,241	2	121,799	2	112,358	2	102,154		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,807	1/4	140,481	1/4	131,044	1/4	121,603	1/4	112,161	1/4	101,930		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,615	1/2	140,286	1/2	130,848	1/2	121,406	1/2	111,964	1/2	101,707		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,423	3/4	140,091	3/4	130,651	3/4	121,209	3/4	111,767	3/4	101,483		
3	3	3	3	3	3	3	3	3	149,231	3	139,896	3	130,454	3	121,012	3	111,571	3	101,259		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,039	1/4	139,699	1/4	130,258	1/4	120,816	1/4	111,374	1/4	101,035		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,847	1/2	139,503	1/2	130,061	1/2	120,619	1/2	111,177	1/2	100,812		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,655	3/4	139,306	3/4	129,864	3/4	120,422	3/4	110,981	3/4	100,588		
4	4	4	4	4	4	4	4	4	148,463	4	139,109	4	129,667	4	120,226	4	110,784	4	100,364		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,271	1/4	138,912	1/4	129,471	1/4	120,029	1/4	110,587	1/4	100,140		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,078	1/2	138,716	1/2	129,274	1/2	119,832	1/2	110,391	1/2	99,917		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,886	3/4	138,519	3/4	129,077	3/4	119,636	3/4	110,194	3/4	99,693		
5	5	5	5	5	5	5	5	5	147,694	5	138,322	5	128,881	5	119,439	5	109,997	5	99,469		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,499	1/4	138,126	1/4	128,684	1/4	119,242	1/4	109,800	1/4	99,245		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,304	1/2	137,929	1/2	128,487	1/2	119,045	1/2	109,604	1/2	99,022		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,109	3/4	137,732	3/4	128,291	3/4	118,849	3/4	109,407	3/4	98,798		
6	6	6	6	6	6	6	6	6	146,914	6	137,536	6	128,094	6	118,652	6	109,210	6	98,574		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,720	1/4	137,339	1/4	127,897	1/4	118,455	1/4	109,014	1/4	98,350		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,525	1/2	137,142	1/2	127,700	1/2	118,259	1/2	108,817	1/2	98,127		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,330	3/4	136,945	3/4	127,504	3/4	118,062	3/4	108,620	3/4	97,903		
7	7	7	7	7	7	7	7	7	146,135	7	136,749	7	127,307	7	117,865	7	108,423	7	97,679		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,940	1/4	136,552	1/4	127,110	1/4	117,669	1/4	108,199	1/4	97,455		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,745	1/2	136,355	1/2	126,914	1/2	117,472	1/2	107,975	1/2	97,232		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,550	3/4	136,159	3/4	126,717	3/4	117,275	3/4	107,751	3/4	97,008		
8	8	8	8	8	8	8	8	8	145,355	8	135,962	8	126,520	8	117,078	8	107,526	8	96,784		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,160	1/4	135,765	1/4	126,323	1/4	116,882	1/4	107,302	1/4	96,560		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,965	1/2	135,569	1/2	126,127	1/2	116,685	1/2	107,078	1/2	96,337		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,770	3/4	135,372	3/4	125,930	3/4	116,488	3/4	106,853	3/4	96,113		
9	9	9	9	9	9	9	9	9	144,575	9	135,175	9	125,733	9	116,292	9	106,629	9	95,889		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,380	1/4	134,978	1/4	125,537	1/4	116,095	1/4	106,405	1/4	95,665		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,185	1/2	134,782	1/2	125,340	1/2	115,898	1/2	106,182	1/2	95,442		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,990	3/4	134,585	3/4	125,143	3/4	115,702	3/4	105,958	3/4	95,218		
10	10	10	10	10	10	10	10	10	143,795	10	134,388	10	124,947	10	115,505	10	105,734	10	94,994		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,600	1/4	134,192	1/4	124,750	1/4	115,308	1/4	105,510	1/4	94,770		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,536	1/2	143,405	1/2	133,995	1/2	124,553	1/2	115,111	1/2	105,287	1/2	94,547
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,517	3/4	143,210	3/4	133,798	3/4	124,356	3/4	114,915	3/4	105,063	3/4	94,323
11	11	11	11	11	11	11	11	11	151,499	11	143,015	11	133,602	11	124,160	11	114,718	11	104,839	11	94,099
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,424	1/4	142,820	1/4	133,405	1/4	123,963	1/4	114,521	1/4	104,615	1/4	93,875
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,349	1/2	142,625	1/2	133,208	1/2	123,766	1/2	114,325	1/2	104,392	1/2	93,652
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,274	3/4	142,430	3/4	133,011	3/4	123,570	3/4	114,128	3/4	104,168	3/4	93,428

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 24'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "DBL 140"

1 CENTER ULLAGE 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	93,204	0	82,464	0	71,720	0	60,975	0	50,231	0	39,598	0	28,858	0	18,142	0	7,617	0	
1/4	92,980	1/4	82,240	1/4	71,496	1/4	60,751	1/4	50,009	1/4	39,374	1/4	28,634	1/4	17,924	1/4	7,393	1/4	
1/2	92,757	1/2	82,016	1/2	71,272	1/2	60,528	1/2	49,786	1/2	39,150	1/2	28,411	1/2	17,707	1/2	7,169	1/2	
3/4	92,533	3/4	81,792	3/4	71,048	3/4	60,304	3/4	49,564	3/4	38,927	3/4	28,187	3/4	17,489	3/4	6,945	3/4	
1	92,309	1	81,569	1	70,824	1	60,080	1	49,342	1	38,703	1	27,963	1	17,271	1	6,722	1	
1/4	92,085	1/4	81,345	1/4	70,600	1/4	59,856	1/4	49,119	1/4	38,479	1/4	27,739	1/4	17,053	1/4	6,498	1/4	
1/2	91,862	1/2	81,121	1/2	70,377	1/2	59,632	1/2	48,897	1/2	38,255	1/2	27,516	1/2	16,836	1/2	6,274	1/2	
3/4	91,638	3/4	80,897	3/4	70,153	3/4	59,408	3/4	48,675	3/4	38,032	3/4	27,292	3/4	16,618	3/4	6,050	3/4	
2	91,414	2	80,673	2	69,929	2	59,184	2	48,453	2	37,808	2	27,068	2	16,400	2	5,827	2	
1/4	91,190	1/4	80,449	1/4	69,705	1/4	58,961	1/4	48,232	1/4	37,584	1/4	26,844	1/4	16,182	1/4	5,603	1/4	
1/2	90,967	1/2	80,226	1/2	69,481	1/2	58,737	1/2	48,011	1/2	37,360	1/2	26,621	1/2	15,964	1/2	5,379	1/2	
3/4	90,743	3/4	80,002	3/4	69,257	3/4	58,513	3/4	47,790	3/4	37,137	3/4	26,397	3/4	15,747	3/4	5,155	3/4	
3	90,519	3	79,778	3	69,034	3	58,289	3	47,570	3	36,913	3	26,173	3	15,529	3	4,931	3	
1/4	90,295	1/4	79,554	1/4	68,810	1/4	58,065	1/4	47,349	1/4	36,689	1/4	25,949	1/4	15,311	1/4	4,707	1/4	
1/2	90,072	1/2	79,330	1/2	68,586	1/2	57,841	1/2	47,128	1/2	36,465	1/2	25,726	1/2	15,093	1/2	4,484	1/2	
3/4	89,848	3/4	79,106	3/4	68,362	3/4	57,618	3/4	46,907	3/4	36,242	3/4	25,502	3/4	14,875	3/4	4,260	3/4	
4	89,624	4	78,883	4	68,138	4	57,394	4	46,686	4	36,018	4	25,278	4	14,658	4	4,037	4	
1/4	89,400	1/4	78,659	1/4	67,914	1/4	57,170	1/4	46,466	1/4	35,794	1/4	25,055	1/4	14,440	1/4	3,814	1/4	
1/2	89,177	1/2	78,435	1/2	67,690	1/2	56,946	1/2	46,245	1/2	35,570	1/2	24,831	1/2	14,222	1/2	3,591	1/2	
3/4	88,953	3/4	78,211	3/4	67,467	3/4	56,722	3/4	46,024	3/4	35,347	3/4	24,607	3/4	14,004	3/4	3,368	3/4	
5	88,729	5	77,987	5	67,243	5	56,498	5	45,803	5	35,123	5	24,383	5	13,786	5	3,145	5	
1/4	88,505	1/4	77,763	1/4	67,019	1/4	56,275	1/4	45,583	1/4	34,899	1/4	24,160	1/4	13,569	1/4	2,922	1/4	
1/2	88,282	1/2	77,539	1/2	66,795	1/2	56,051	1/2	45,362	1/2	34,675	1/2	23,936	1/2	13,351	1/2	2,700	1/2	
3/4	88,058	3/4	77,316	3/4	66,571	3/4	55,827	3/4	45,141	3/4	34,452	3/4	23,712	3/4	13,133	3/4	2,477	3/4	
6	87,834	6	77,092	6	66,347	6	55,603	6	44,920	6	34,228	6	23,488	6	12,915	6	2,255	6	
1/4	87,610	1/4	76,868	1/4	66,124	1/4	55,379	1/4	44,699	1/4	34,004	1/4	23,265	1/4	12,698	1/4	2,034	1/4	
1/2	87,387	1/2	76,644	1/2	65,900	1/2	55,155	1/2	44,479	1/2	33,780	1/2	23,041	1/2	12,480	1/2	1,813	1/2	
3/4	87,163	3/4	76,420	3/4	65,676	3/4	54,931	3/4	44,258	3/4	33,557	3/4	22,817	3/4	12,262	3/4	1,593	3/4	
7	86,939	7	76,196	7	65,452	7	54,708	7	44,037	7	33,333	7	22,593	7	12,045	7	1,372	7	
1/4	86,715	1/4	75,973	1/4	65,228	1/4	54,484	1/4	43,816	1/4	33,109	1/4	22,370	1/4	11,827	1/4	1,185	1/4	
1/2	86,492	1/2	75,749	1/2	65,004	1/2	54,260	1/2	43,596	1/2	32,886	1/2	22,146	1/2	11,609	1/2	999	1/2	
3/4	86,268	3/4	75,525	3/4	64,781	3/4	54,036	3/4	43,375	3/4	32,662	3/4	21,922	3/4	11,391	3/4	812	3/4	
8	86,044	8	75,301	8	64,557	8	53,812	8	43,154	8	32,438	8	21,698	8	11,173	8	625	8	
1/4	85,820	1/4	75,077	1/4	64,333	1/4	53,588	1/4	42,933	1/4	32,214	1/4	21,475	1/4	10,955	1/4	513	1/4	
1/2	85,597	1/2	74,853	1/2	64,109	1/2	53,365	1/2	42,712	1/2	31,991	1/2	21,251	1/2	10,737	1/2	401	1/2	
3/4	85,373	3/4	74,630	3/4	63,885	3/4	53,141	3/4	42,492	3/4	31,767	3/4	21,027	3/4	10,520	3/4	289	3/4	
9	85,149	9	74,406	9	63,661	9	52,917	9	42,271	9	31,543	9	20,803	9	10,302	9	176	9	
1/4	84,925	1/4	74,182	1/4	63,437	1/4	52,693	1/4	42,050	1/4	31,319	1/4	20,580	1/4	10,078	1/4	139	1/4	
1/2	84,702	1/2	73,958	1/2	63,214	1/2	52,469	1/2	41,829	1/2	31,096	1/2	20,356	1/2	9,854	1/2	102	1/2	
3/4	84,478	3/4	73,734	3/4	62,990	3/4	52,245	3/4	41,609	3/4	30,872	3/4	20,132	3/4	9,630	3/4	64	3/4	
10	84,254	10	73,510	10	62,766	10	52,022	10	41,388	10	30,648	10	19,908	10	9,407	10	27	10	
1/4	84,030	1/4	73,286	1/4	62,542	1/4	51,798	1/4	41,164	1/4	30,424	1/4	19,685	1/4	9,183	1/4		1/4	
1/2	83,807	1/2	73,063	1/2	62,318	1/2	51,574	1/2	40,940	1/2	30,201	1/2	19,461	1/2	8,959	1/2		1/2	
3/4	83,583	3/4	72,839	3/4	62,094	3/4	51,350	3/4	40,717	3/4	29,977	3/4	19,237	3/4	8,735	3/4		3/4	
11	83,359	11	72,615	11	61,871	11	51,126	11	40,493	11	29,753	11	19,013	11	8,512	11		11	
1/4	83,135	1/4	72,391	1/4	61,647	1/4	50,902	1/4	40,269	1/4	29,529	1/4	18,796	1/4	8,288	1/4		1/4	
1/2	82,911	1/2	72,167	1/2	61,423	1/2	50,679	1/2	40,045	1/2	29,306	1/2	18,578	1/2	8,064	1/2		1/2	
3/4	82,688	3/4	71,943	3/4	61,199	3/4	50,455	3/4	39,822	3/4	29,082	3/4	18,360	3/4	7,840	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/05/2019 JS
CALCULATED: 11/06/2019 CL
PRINTED: 11/07/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019



BARGE "DBL 140"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	176,218	0	164,730	0	152,718	0	140,678	0	128,638	0	116,598		
1/4		1/4		1/4		1/4		1/4	176,056	1/4	164,482	1/4	152,467	1/4	140,427	1/4	128,388	1/4	116,348		
1/2		1/2		1/2		1/2		1/2	175,894	1/2	164,233	1/2	152,216	1/2	140,177	1/2	128,137	1/2	116,097		
3/4		3/4		3/4		3/4		3/4	175,733	3/4	163,985	3/4	151,966	3/4	139,926	3/4	127,886	3/4	115,846		
1		1		1		1		1	175,571	1	163,736	1	151,715	1	139,675	1	127,635	1	115,595		
1/4		1/4		1/4		1/4		1/4	175,336	1/4	163,488	1/4	151,464	1/4	139,424	1/4	127,384	1/4	115,344		
1/2		1/2		1/2		1/2		1/2	175,101	1/2	163,239	1/2	151,213	1/2	139,173	1/2	127,133	1/2	115,093		
3/4		3/4		3/4		3/4		3/4	174,866	3/4	162,991	3/4	150,962	3/4	138,922	3/4	126,883	3/4	114,843		
2		2		2		2		2	174,632	2	162,742	2	150,711	2	138,672	2	126,632	2	114,592		
1/4		1/4		1/4		1/4		1/4	174,386	1/4	162,494	1/4	150,461	1/4	138,421	1/4	126,381	1/4	114,341		
1/2		1/2		1/2		1/2		1/2	174,141	1/2	162,245	1/2	150,210	1/2	138,170	1/2	126,130	1/2	114,090		
3/4		3/4		3/4		3/4		3/4	173,896	3/4	161,997	3/4	149,959	3/4	137,919	3/4	125,879	3/4	113,839		
3		3		3		3		3	173,650	3	161,748	3	149,708	3	137,668	3	125,628	3	113,588		
1/4		1/4		1/4		1/4		1/4	173,405	1/4	161,497	1/4	149,457	1/4	137,417	1/4	125,378	1/4	113,338		
1/2		1/2		1/2		1/2		1/2	173,160	1/2	161,246	1/2	149,206	1/2	137,167	1/2	125,127	1/2	113,087		
3/4		3/4		3/4		3/4		3/4	172,915	3/4	160,996	3/4	148,956	3/4	136,916	3/4	124,876	3/4	112,836		
4		4		4		4		4	172,669	4	160,745	4	148,705	4	136,665	4	124,625	4	112,585		
1/4		1/4		1/4		1/4		1/4	172,424	1/4	160,494	1/4	148,454	1/4	136,414	1/4	124,374	1/4	112,334		
1/2		1/2		1/2		1/2		1/2	172,179	1/2	160,243	1/2	148,203	1/2	136,163	1/2	124,123	1/2	112,084		
3/4		3/4		3/4		3/4		3/4	171,933	3/4	159,992	3/4	147,952	3/4	135,912	3/4	123,873	3/4	111,833		
5		5		5		5		5	171,688	5	159,741	5	147,701	5	135,662	5	123,622	5	111,582		
1/4		1/4		1/4		1/4		1/4	171,440	1/4	159,491	1/4	147,451	1/4	135,411	1/4	123,371	1/4	111,331		
1/2		1/2		1/2		1/2		1/2	171,191	1/2	159,240	1/2	147,200	1/2	135,160	1/2	123,120	1/2	111,080		
3/4		3/4		3/4		3/4		3/4	170,943	3/4	158,989	3/4	146,949	3/4	134,909	3/4	122,869	3/4	110,829		
6		6		6		6		6	170,694	6	158,738	6	146,698	6	134,658	6	122,618	6	110,579		
1/4		1/4		1/4		1/4		1/4	170,446	1/4	158,487	1/4	146,447	1/4	134,407	1/4	122,368	1/4	110,328		
1/2		1/2		1/2		1/2		1/2	170,197	1/2	158,236	1/2	146,197	1/2	134,157	1/2	122,117	1/2	110,077		
3/4		3/4		3/4		3/4		3/4	169,949	3/4	157,986	3/4	145,946	3/4	133,906	3/4	121,866	3/4	109,826		
7		7		7		7		7	169,700	7	157,735	7	145,695	7	133,655	7	121,615	7	109,575		
1/4		1/4		1/4		1/4		1/4	169,452	1/4	157,484	1/4	145,444	1/4	133,404	1/4	121,364	1/4	109,324		
1/2		1/2		1/2		1/2		1/2	169,203	1/2	157,233	1/2	145,193	1/2	133,153	1/2	121,113	1/2	109,074		
3/4		3/4		3/4		3/4		3/4	168,955	3/4	156,982	3/4	144,942	3/4	132,902	3/4	120,863	3/4	108,823		
8		8		8		8		8	168,706	8	156,731	8	144,692	8	132,652	8	120,612	8	108,572		
1/4		1/4		1/4		1/4		1/4	168,458	1/4	156,481	1/4	144,441	1/4	132,401	1/4	120,361	1/4	108,321		
1/2		1/2		1/2		1/2		1/2	168,209	1/2	156,230	1/2	144,190	1/2	132,150	1/2	120,110	1/2	108,070		
3/4		3/4		3/4		3/4		3/4	167,961	3/4	155,979	3/4	143,939	3/4	131,899	3/4	119,859	3/4	107,819		
9		9		9		9		9	167,712	9	155,728	9	143,688	9	131,648	9	119,608	9	107,569		
1/4		1/4		1/4		1/4		1/4	167,464	1/4	155,477	1/4	143,437	1/4	131,397	1/4	119,358	1/4	107,318		
1/2		1/2		1/2		1/2		1/2	167,215	1/2	155,226	1/2	143,187	1/2	131,147	1/2	119,107	1/2	107,067		
3/4		3/4		3/4		3/4		3/4	166,967	3/4	154,976	3/4	142,936	3/4	130,896	3/4	118,856	3/4	106,816		
10		10		10		10		10	166,718	10	154,725	10	142,685	10	130,645	10	118,605	10	106,565		
1/4		1/4		1/4		1/4		1/4	166,470	1/4	154,474	1/4	142,434	1/4	130,394	1/4	118,354	1/4	106,314		
1/2		1/2		1/2		1/2		1/2	176,594	1/2	166,221	1/2	154,223	1/2	142,183	1/2	130,143	1/2	118,103	1/2	106,064
3/4		3/4		3/4		3/4		3/4	176,573	3/4	165,973	3/4	153,972	3/4	141,932	3/4	129,893	3/4	117,853	3/4	105,813
11		11		11		11		11	176,552	11	165,724	11	153,721	11	141,682	11	129,642	11	117,602	11	105,562
1/4		1/4		1/4		1/4		1/4	176,469	1/4	165,476	1/4	153,471	1/4	141,431	1/4	129,391	1/4	117,351	1/4	105,311
1/2		1/2		1/2		1/2		1/2	176,385	1/2	165,227	1/2	153,220	1/2	141,180	1/2	129,140	1/2	117,100	1/2	105,060
3/4		3/4		3/4		3/4		3/4	176,301	3/4	164,979	3/4	152,969	3/4	140,929	3/4	128,889	3/4	116,849	3/4	104,809

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "DBL 140"

2 CENTER ULLAGE 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	104,559	0	92,519	0	80,473	0	68,427	0	56,382	0	44,336	0	32,290	0	20,277	0	8,526	0	
1/4	104,308	1/4	92,268	1/4	80,222	1/4	68,176	1/4	56,131	1/4	44,085	1/4	32,039	1/4	20,035	1/4	8,275	1/4	
1/2	104,057	1/2	92,017	1/2	79,971	1/2	67,925	1/2	55,880	1/2	43,834	1/2	31,788	1/2	19,792	1/2	8,024	1/2	
3/4	103,806	3/4	91,766	3/4	79,720	3/4	67,674	3/4	55,629	3/4	43,583	3/4	31,537	3/4	19,549	3/4	7,773	3/4	
1	103,555	1	91,515	1	79,469	1	67,424	1	55,378	1	43,332	1	31,286	1	19,306	1	7,522	1	
1/4	103,304	1/4	91,264	1/4	79,218	1/4	67,173	1/4	55,127	1/4	43,081	1/4	31,036	1/4	19,064	1/4	7,272	1/4	
1/2	103,054	1/2	91,013	1/2	78,967	1/2	66,922	1/2	54,876	1/2	42,830	1/2	30,785	1/2	18,821	1/2	7,021	1/2	
3/4	102,803	3/4	90,762	3/4	78,716	3/4	66,671	3/4	54,625	3/4	42,579	3/4	30,534	3/4	18,578	3/4	6,770	3/4	
2	102,552	2	90,511	2	78,465	2	66,420	2	54,374	2	42,328	2	30,283	2	18,335	2	6,519	2	
1/4	102,301	1/4	90,260	1/4	78,214	1/4	66,169	1/4	54,123	1/4	42,077	1/4	30,032	1/4	18,093	1/4	6,268	1/4	
1/2	102,050	1/2	90,009	1/2	77,964	1/2	65,918	1/2	53,872	1/2	41,826	1/2	29,781	1/2	17,850	1/2	6,017	1/2	
3/4	101,799	3/4	89,758	3/4	77,713	3/4	65,667	3/4	53,621	3/4	41,576	3/4	29,530	3/4	17,607	3/4	5,766	3/4	
3	101,549	3	89,507	3	77,462	3	65,416	3	53,370	3	41,325	3	29,279	3	17,365	3	5,516	3	
1/4	101,298	1/4	89,256	1/4	77,211	1/4	65,165	1/4	53,119	1/4	41,074	1/4	29,028	1/4	17,122	1/4	5,265	1/4	
1/2	101,047	1/2	89,005	1/2	76,960	1/2	64,914	1/2	52,868	1/2	40,823	1/2	28,777	1/2	16,879	1/2	5,014	1/2	
3/4	100,796	3/4	88,754	3/4	76,709	3/4	64,663	3/4	52,617	3/4	40,572	3/4	28,526	3/4	16,636	3/4	4,764	3/4	
4	100,545	4	88,503	4	76,458	4	64,412	4	52,366	4	40,321	4	28,275	4	16,394	4	4,513	4	
1/4	100,294	1/4	88,253	1/4	76,207	1/4	64,161	1/4	52,115	1/4	40,070	1/4	28,024	1/4	16,151	1/4	4,263	1/4	
1/2	100,044	1/2	88,002	1/2	75,956	1/2	63,910	1/2	51,865	1/2	39,819	1/2	27,773	1/2	15,908	1/2	4,013	1/2	
3/4	99,793	3/4	87,751	3/4	75,705	3/4	63,659	3/4	51,614	3/4	39,568	3/4	27,522	3/4	15,665	3/4	3,763	3/4	
5	99,542	5	87,500	5	75,454	5	63,408	5	51,363	5	39,317	5	27,271	5	15,423	5	3,513	5	
1/4	99,291	1/4	87,249	1/4	75,203	1/4	63,157	1/4	51,112	1/4	39,066	1/4	27,020	1/4	15,180	1/4	3,264	1/4	
1/2	99,040	1/2	86,998	1/2	74,952	1/2	62,906	1/2	50,861	1/2	38,815	1/2	26,769	1/2	14,937	1/2	3,016	1/2	
3/4	98,789	3/4	86,747	3/4	74,701	3/4	62,655	3/4	50,610	3/4	38,564	3/4	26,518	3/4	14,694	3/4	2,767	3/4	
6	98,539	6	86,496	6	74,450	6	62,404	6	50,359	6	38,313	6	26,267	6	14,452	6	2,518	6	
1/4	98,288	1/4	86,245	1/4	74,199	1/4	62,154	1/4	50,108	1/4	38,062	1/4	26,017	1/4	14,209	1/4	2,271	1/4	
1/2	98,037	1/2	85,994	1/2	73,948	1/2	61,903	1/2	49,857	1/2	37,811	1/2	25,766	1/2	13,966	1/2	2,025	1/2	
3/4	97,786	3/4	85,743	3/4	73,697	3/4	61,652	3/4	49,606	3/4	37,560	3/4	25,515	3/4	13,724	3/4	1,778	3/4	
7	97,535	7	85,492	7	73,446	7	61,401	7	49,355	7	37,309	7	25,264	7	13,481	7	1,531	7	
1/4	97,284	1/4	85,241	1/4	73,195	1/4	61,150	1/4	49,104	1/4	37,058	1/4	25,013	1/4	13,238	1/4	1,322	1/4	
1/2	97,034	1/2	84,990	1/2	72,944	1/2	60,899	1/2	48,853	1/2	36,807	1/2	24,762	1/2	12,995	1/2	1,113	1/2	
3/4	96,783	3/4	84,739	3/4	72,694	3/4	60,648	3/4	48,602	3/4	36,556	3/4	24,511	3/4	12,751	3/4	905	3/4	
8	96,532	8	84,488	8	72,443	8	60,397	8	48,351	8	36,306	8	24,260	8	12,508	8	696	8	
1/4	96,281	1/4	84,237	1/4	72,192	1/4	60,146	1/4	48,100	1/4	36,055	1/4	24,009	1/4	12,265	1/4	570	1/4	
1/2	96,030	1/2	83,986	1/2	71,941	1/2	59,895	1/2	47,849	1/2	35,804	1/2	23,758	1/2	12,022	1/2	445	1/2	
3/4	95,780	3/4	83,735	3/4	71,690	3/4	59,644	3/4	47,598	3/4	35,553	3/4	23,507	3/4	11,778	3/4	319	3/4	
9	95,529	9	83,484	9	71,439	9	59,393	9	47,347	9	35,302	9	23,256	9	11,535	9	194	9	
1/4	95,278	1/4	83,233	1/4	71,188	1/4	59,142	1/4	47,096	1/4	35,051	1/4	23,005	1/4	11,284	1/4	152	1/4	
1/2	95,027	1/2	82,983	1/2	70,937	1/2	58,891	1/2	46,845	1/2	34,800	1/2	22,754	1/2	11,034	1/2	110	1/2	
3/4	94,776	3/4	82,732	3/4	70,686	3/4	58,640	3/4	46,595	3/4	34,549	3/4	22,503	3/4	10,783	3/4	69	3/4	
10	94,525	10	82,481	10	70,435	10	58,389	10	46,344	10	34,298	10	22,252	10	10,532	10	27	10	
1/4	94,275	1/4	82,230	1/4	70,184	1/4	58,138	1/4	46,093	1/4	34,047	1/4	22,001	1/4	10,281	1/4		1/4	
1/2	94,024	1/2	81,979	1/2	69,933	1/2	57,887	1/2	45,842	1/2	33,796	1/2	21,750	1/2	10,030	1/2		1/2	
3/4	93,773	3/4	81,728	3/4	69,682	3/4	57,636	3/4	45,591	3/4	33,545	3/4	21,499	3/4	9,780	3/4		3/4	
11	93,522	11	81,477	11	69,431	11	57,385	11	45,340	11	33,294	11	21,248	11	9,529	11		11	
1/4	93,271	1/4	81,226	1/4	69,180	1/4	57,135	1/4	45,089	1/4	33,043	1/4	21,006	1/4	9,278	1/4		1/4	
1/2	93,020	1/2	80,975	1/2	68,929	1/2	56,884	1/2	44,838	1/2	32,792	1/2	20,763	1/2	9,027	1/2		1/2	
3/4	92,770	3/4	80,724	3/4	68,678	3/4	56,633	3/4	44,587	3/4	32,541	3/4	20,520	3/4	8,776	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019



BARGE "DBL 140"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 18'-10"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	156,061	0	145,905	0	135,285	0	124,641	0	113,997	0	103,352	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	155,918	1/4	145,685	1/4	135,063	1/4	124,419	1/4	113,775	1/4	103,131	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	155,775	1/2	145,465	1/2	134,841	1/2	124,197	1/2	113,553	1/2	102,909	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	155,632	3/4	145,245	3/4	134,620	3/4	123,975	3/4	113,331	3/4	102,687	
1	1	1	1	1	1	1	1	155,489	1	145,026	1	134,398	1	123,754	1	113,109	1	102,465	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	155,282	1/4	144,806	1/4	134,176	1/4	123,532	1/4	112,888	1/4	102,244	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	155,074	1/2	144,586	1/2	133,954	1/2	123,310	1/2	112,666	1/2	102,022	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	154,867	3/4	144,367	3/4	133,733	3/4	123,088	3/4	112,444	3/4	101,800	
2	2	2	2	2	2	2	2	154,659	2	144,147	2	133,511	2	122,867	2	112,222	2	101,578	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	154,442	1/4	143,927	1/4	133,289	1/4	122,645	1/4	112,001	1/4	101,357	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	154,225	1/2	143,707	1/2	133,067	1/2	122,423	1/2	111,779	1/2	101,135	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	154,008	3/4	143,488	3/4	132,846	3/4	122,201	3/4	111,557	3/4	100,913	
3	3	3	3	3	3	3	3	153,791	3	143,268	3	132,624	3	121,980	3	111,335	3	100,691	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	153,575	1/4	143,046	1/4	132,402	1/4	121,758	1/4	111,114	1/4	100,470	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	153,358	1/2	142,825	1/2	132,180	1/2	121,536	1/2	110,892	1/2	100,248	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	153,141	3/4	142,603	3/4	131,959	3/4	121,314	3/4	110,670	3/4	100,026	
4	4	4	4	4	4	4	4	152,924	4	142,381	4	131,737	4	121,093	4	110,448	4	99,804	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	152,707	1/4	142,159	1/4	131,515	1/4	120,871	1/4	110,227	1/4	99,583	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	152,490	1/2	141,938	1/2	131,293	1/2	120,649	1/2	110,005	1/2	99,361	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	152,273	3/4	141,716	3/4	131,072	3/4	120,427	3/4	109,783	3/4	99,139	
5	5	5	5	5	5	5	5	152,056	5	141,494	5	130,850	5	120,206	5	109,561	5	98,917	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,837	1/4	141,272	1/4	130,628	1/4	119,984	1/4	109,340	1/4	98,695	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,617	1/2	141,050	1/2	130,406	1/2	119,762	1/2	109,118	1/2	98,474	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,397	3/4	140,829	3/4	130,185	3/4	119,540	3/4	108,896	3/4	98,252	
6	6	6	6	6	6	6	6	151,178	6	140,607	6	129,963	6	119,319	6	108,674	6	98,030	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,958	1/4	140,385	1/4	129,741	1/4	119,097	1/4	108,453	1/4	97,808	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,738	1/2	140,163	1/2	129,519	1/2	118,875	1/2	108,231	1/2	97,587	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,518	3/4	139,942	3/4	129,298	3/4	118,653	3/4	108,009	3/4	97,365	
7	7	7	7	7	7	7	7	150,299	7	139,720	7	129,076	7	118,432	7	107,787	7	97,143	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,079	1/4	139,498	1/4	128,854	1/4	118,210	1/4	107,566	1/4	96,921	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,859	1/2	139,276	1/2	128,632	1/2	117,988	1/2	107,344	1/2	96,700	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,640	3/4	139,055	3/4	128,411	3/4	117,766	3/4	107,122	3/4	96,478	
8	8	8	8	8	8	8	8	149,420	8	138,833	8	128,189	8	117,545	8	106,900	8	96,256	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,200	1/4	138,611	1/4	127,967	1/4	117,323	1/4	106,679	1/4	96,034	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,980	1/2	138,389	1/2	127,745	1/2	117,101	1/2	106,457	1/2	95,813	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,761	3/4	138,168	3/4	127,524	3/4	116,879	3/4	106,235	3/4	95,591	
9	9	9	9	9	9	9	9	148,541	9	137,946	9	127,302	9	116,658	9	106,013	9	95,369	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,321	1/4	137,724	1/4	127,080	1/4	116,436	1/4	105,792	1/4	95,147	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,102	1/2	137,502	1/2	126,858	1/2	116,214	1/2	105,570	1/2	94,926	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,882	3/4	137,281	3/4	126,636	3/4	115,992	3/4	105,348	3/4	94,704	
10	10	10	10	10	10	10	10	147,662	10	137,059	10	126,415	10	115,771	10	105,126	10	94,482	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,442	1/4	136,837	1/4	126,193	1/4	115,549	1/4	104,905	1/4	94,260	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	156,394	1/2	147,223	1/2	136,615	1/2	125,971	1/2	115,327	1/2	104,683	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	156,376	3/4	147,003	3/4	136,394	3/4	125,749	3/4	115,105	3/4	104,461	
11	11	11	11	11	11	11	11	156,357	11	146,783	11	136,172	11	125,528	11	114,884	11	104,239	
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	156,283	1/4	146,564	1/4	135,950	1/4	125,306	1/4	114,662	1/4	104,018	
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	156,209	1/2	146,344	1/2	135,728	1/2	125,084	1/2	114,440	1/2	103,796	
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	156,135	3/4	146,124	3/4	135,507	3/4	124,862	3/4	114,218	3/4	103,574	

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 24'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "DBL 140"

3 CENTER ULLAGE 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	92,708	0	82,064	0	71,415	0	60,765	0	50,116	0	39,467	0	28,817	0	18,172	0	7,542	0	
1/4	92,486	1/4	81,842	1/4	71,193	1/4	60,544	1/4	49,894	1/4	39,245	1/4	28,596	1/4	17,951	1/4	7,320	1/4	
1/2	92,265	1/2	81,620	1/2	70,971	1/2	60,322	1/2	49,672	1/2	39,023	1/2	28,374	1/2	17,730	1/2	7,098	1/2	
3/4	92,043	3/4	81,398	3/4	70,749	3/4	60,100	3/4	49,450	3/4	38,801	3/4	28,152	3/4	17,508	3/4	6,876	3/4	
1	91,821	1	81,177	1	70,527	1	59,878	1	49,229	1	38,579	1	27,930	1	17,287	1	6,654	1	
1/4	91,599	1/4	80,955	1/4	70,305	1/4	59,656	1/4	49,007	1/4	38,357	1/4	27,708	1/4	17,066	1/4	6,433	1/4	
1/2	91,378	1/2	80,733	1/2	70,083	1/2	59,434	1/2	48,785	1/2	38,136	1/2	27,486	1/2	16,845	1/2	6,211	1/2	
3/4	91,156	3/4	80,511	3/4	69,862	3/4	59,212	3/4	48,563	3/4	37,914	3/4	27,264	3/4	16,623	3/4	5,989	3/4	
2	90,934	2	80,289	2	69,640	2	58,990	2	48,341	2	37,692	2	27,043	2	16,402	2	5,767	2	
1/4	90,712	1/4	80,067	1/4	69,418	1/4	58,769	1/4	48,119	1/4	37,470	1/4	26,821	1/4	16,181	1/4	5,545	1/4	
1/2	90,491	1/2	79,845	1/2	69,196	1/2	58,547	1/2	47,897	1/2	37,248	1/2	26,599	1/2	15,960	1/2	5,323	1/2	
3/4	90,269	3/4	79,623	3/4	68,974	3/4	58,325	3/4	47,676	3/4	37,026	3/4	26,377	3/4	15,739	3/4	5,102	3/4	
3	90,047	3	79,402	3	68,752	3	58,103	3	47,454	3	36,804	3	26,155	3	15,517	3	4,880	3	
1/4	89,825	1/4	79,180	1/4	68,530	1/4	57,881	1/4	47,232	1/4	36,583	1/4	25,933	1/4	15,296	1/4	4,658	1/4	
1/2	89,604	1/2	78,958	1/2	68,309	1/2	57,659	1/2	47,010	1/2	36,361	1/2	25,711	1/2	15,075	1/2	4,437	1/2	
3/4	89,382	3/4	78,736	3/4	68,087	3/4	57,437	3/4	46,788	3/4	36,139	3/4	25,490	3/4	14,854	3/4	4,215	3/4	
4	89,160	4	78,514	4	67,865	4	57,216	4	46,566	4	35,917	4	25,268	4	14,632	4	3,994	4	
1/4	88,938	1/4	78,292	1/4	67,643	1/4	56,994	1/4	46,344	1/4	35,695	1/4	25,046	1/4	14,411	1/4	3,773	1/4	
1/2	88,717	1/2	78,070	1/2	67,421	1/2	56,772	1/2	46,123	1/2	35,473	1/2	24,824	1/2	14,190	1/2	3,552	1/2	
3/4	88,495	3/4	77,849	3/4	67,199	3/4	56,550	3/4	45,901	3/4	35,251	3/4	24,602	3/4	13,969	3/4	3,331	3/4	
5	88,273	5	77,627	5	66,977	5	56,328	5	45,679	5	35,030	5	24,380	5	13,747	5	3,110	5	
1/4	88,051	1/4	77,405	1/4	66,756	1/4	56,106	1/4	45,457	1/4	34,808	1/4	24,158	1/4	13,526	1/4	2,890	1/4	
1/2	87,830	1/2	77,183	1/2	66,534	1/2	55,884	1/2	45,235	1/2	34,586	1/2	23,937	1/2	13,305	1/2	2,670	1/2	
3/4	87,608	3/4	76,961	3/4	66,312	3/4	55,663	3/4	45,013	3/4	34,364	3/4	23,715	3/4	13,084	3/4	2,450	3/4	
6	87,386	6	76,739	6	66,090	6	55,441	6	44,791	6	34,142	6	23,493	6	12,862	6	2,230	6	
1/4	87,164	1/4	76,517	1/4	65,868	1/4	55,219	1/4	44,570	1/4	33,920	1/4	23,271	1/4	12,641	1/4	2,012	1/4	
1/2	86,943	1/2	76,296	1/2	65,646	1/2	54,997	1/2	44,348	1/2	33,698	1/2	23,049	1/2	12,420	1/2	1,794	1/2	
3/4	86,721	3/4	76,074	3/4	65,424	3/4	54,775	3/4	44,126	3/4	33,477	3/4	22,827	3/4	12,199	3/4	1,575	3/4	
7	86,499	7	75,852	7	65,203	7	54,553	7	43,904	7	33,255	7	22,605	7	11,977	7	1,357	7	
1/4	86,277	1/4	75,630	1/4	64,981	1/4	54,331	1/4	43,682	1/4	33,033	1/4	22,384	1/4	11,756	1/4	1,173	1/4	
1/2	86,056	1/2	75,408	1/2	64,759	1/2	54,110	1/2	43,460	1/2	32,811	1/2	22,162	1/2	11,534	1/2	988	1/2	
3/4	85,834	3/4	75,186	3/4	64,537	3/4	53,888	3/4	43,238	3/4	32,589	3/4	21,940	3/4	11,313	3/4	803	3/4	
8	85,612	8	74,964	8	64,315	8	53,666	8	43,017	8	32,367	8	21,718	8	11,091	8	619	8	
1/4	85,390	1/4	74,743	1/4	64,093	1/4	53,444	1/4	42,795	1/4	32,145	1/4	21,496	1/4	10,870	1/4	508	1/4	
1/2	85,169	1/2	74,521	1/2	63,871	1/2	53,222	1/2	42,573	1/2	31,924	1/2	21,274	1/2	10,648	1/2	397	1/2	
3/4	84,947	3/4	74,299	3/4	63,650	3/4	53,000	3/4	42,351	3/4	31,702	3/4	21,052	3/4	10,426	3/4	286	3/4	
9	84,725	9	74,077	9	63,428	9	52,778	9	42,129	9	31,480	9	20,831	9	10,204	9	175	9	
1/4	84,503	1/4	73,855	1/4	63,206	1/4	52,557	1/4	41,907	1/4	31,258	1/4	20,609	1/4	9,982	1/4	138	1/4	
1/2	84,281	1/2	73,633	1/2	62,984	1/2	52,335	1/2	41,685	1/2	31,036	1/2	20,387	1/2	9,760	1/2	101	1/2	
3/4	84,060	3/4	73,411	3/4	62,762	3/4	52,113	3/4	41,464	3/4	30,814	3/4	20,165	3/4	9,539	3/4	64	3/4	
10	83,838	10	73,190	10	62,540	10	51,891	10	41,242	10	30,592	10	19,943	10	9,317	10	27	10	
1/4	83,616	1/4	72,968	1/4	62,318	1/4	51,669	1/4	41,020	1/4	30,371	1/4	19,722	1/4	9,095	1/4		1/4	
1/2	83,394	1/2	72,746	1/2	62,097	1/2	51,447	1/2	40,798	1/2	30,149	1/2	19,500	1/2	8,873	1/2		1/2	
3/4	83,173	3/4	72,524	3/4	61,875	3/4	51,225	3/4	40,576	3/4	29,927	3/4	19,279	3/4	8,651	3/4		3/4	
11	82,951	11	72,302	11	61,653	11	51,004	11	40,354	11	29,705	11	19,057	11	8,429	11		11	
1/4	82,729	1/4	72,080	1/4	61,431	1/4	50,782	1/4	40,132	1/4	29,483	1/4	18,836	1/4	8,207	1/4		1/4	
1/2	82,507	1/2	71,858	1/2	61,209	1/2	50,560	1/2	39,910	1/2	29,261	1/2	18,615	1/2	7,986	1/2		1/2	
3/4	82,286	3/4	71,637	3/4	60,987	3/4	50,338	3/4	39,689	3/4	29,039	3/4	18,393	3/4	7,764	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/05/2019 JS
CALCULATED: 11/06/2019 CL
PRINTED: 11/07/2019 SW

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CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019