



BARGE "AFS 101"

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	- 00-0/8	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	- 00-1/8	00-1/8
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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8

(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 2 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 164'-09"

August 13, 2020

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "AFS 101"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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		0		0	142,018	0	132,620	0	123,195	0	113,734	0	103,433	0	92,646	0	81,859	0	71,103
1/4		1/4		1/4	141,825	1/4	132,424	1/4	122,998	1/4	113,537	1/4	103,208	1/4	92,421	1/4	81,634	1/4	70,880
1/2		1/2		1/2	141,632	1/2	132,228	1/2	122,801	1/2	113,339	1/2	102,984	1/2	92,196	1/2	81,409	1/2	70,656
3/4		3/4		3/4	141,439	3/4	132,033	3/4	122,605	3/4	113,141	3/4	102,759	3/4	91,972	3/4	81,185	3/4	70,433
1		1		1	141,246	1	131,837	1	122,408	1	112,944	1	102,534	1	91,747	1	80,960	1	70,210
1/4		1/4		1/4	141,053	1/4	131,641	1/4	122,212	1/4	112,746	1/4	102,309	1/4	91,522	1/4	80,735	1/4	69,986
1/2		1/2		1/2	140,861	1/2	131,445	1/2	122,015	1/2	112,548	1/2	102,085	1/2	91,298	1/2	80,510	1/2	69,763
3/4		3/4		3/4	140,668	3/4	131,249	3/4	121,818	3/4	112,351	3/4	101,860	3/4	91,073	3/4	80,285	3/4	69,539
2		2		2	140,475	2	131,053	2	121,622	2	112,153	2	101,635	2	90,848	2	80,061	2	69,316
1/4		1/4		1/4	140,280	1/4	130,857	1/4	121,425	1/4	111,956	1/4	101,410	1/4	90,624	1/4	79,836	1/4	69,092
1/2		1/2		1/2	140,084	1/2	130,661	1/2	121,229	1/2	111,758	1/2	101,186	1/2	90,399	1/2	79,611	1/2	68,869
3/4		3/4		3/4	139,889	3/4	130,465	3/4	121,032	3/4	111,560	3/4	100,961	3/4	90,174	3/4	79,386	3/4	68,645
3		3	147,536	3	139,694	3	130,269	3	120,835	3	111,363	3	100,736	3	89,950	3	79,162	3	68,422
1/4		1/4	147,504	1/4	139,497	1/4	130,073	1/4	120,639	1/4	111,165	1/4	100,512	1/4	89,725	1/4	78,937	1/4	68,198
1/2		1/2	147,471	1/2	139,301	1/2	129,877	1/2	120,442	1/2	110,967	1/2	100,287	1/2	89,501	1/2	78,712	1/2	67,974
3/4		3/4	147,439	3/4	139,104	3/4	129,681	3/4	120,246	3/4	110,770	3/4	100,062	3/4	89,276	3/4	78,487	3/4	67,750
4		4	147,407	4	138,908	4	129,485	4	120,049	4	110,572	4	99,837	4	89,051	4	78,262	4	67,526
1/4		1/4	147,333	1/4	138,711	1/4	129,288	1/4	119,852	1/4	110,358	1/4	99,613	1/4	88,827	1/4	78,038	1/4	67,301
1/2		1/2	147,260	1/2	138,514	1/2	129,092	1/2	119,656	1/2	110,143	1/2	99,388	1/2	88,602	1/2	77,813	1/2	67,077
3/4		3/4	147,187	3/4	138,318	3/4	128,896	3/4	119,459	3/4	109,929	3/4	99,163	3/4	88,377	3/4	77,588	3/4	66,853
5		5	147,114	5	138,121	5	128,699	5	119,263	5	109,715	5	98,938	5	88,153	5	77,363	5	66,629
1/4		1/4	146,995	1/4	137,925	1/4	128,503	1/4	119,066	1/4	109,491	1/4	98,714	1/4	87,928	1/4	77,139	1/4	66,404
1/2		1/2	146,877	1/2	137,728	1/2	128,306	1/2	118,869	1/2	109,266	1/2	98,489	1/2	87,703	1/2	76,914	1/2	66,180
3/4		3/4	146,759	3/4	137,531	3/4	128,110	3/4	118,673	3/4	109,042	3/4	98,264	3/4	87,478	3/4	76,690	3/4	65,956
6		6	146,640	6	137,335	6	127,913	6	118,476	6	108,818	6	98,039	6	87,254	6	76,466	6	65,732
1/4		1/4	146,477	1/4	137,138	1/4	127,716	1/4	118,279	1/4	108,594	1/4	97,815	1/4	87,029	1/4	76,242	1/4	65,507
1/2		1/2	146,313	1/2	136,942	1/2	127,520	1/2	118,082	1/2	108,370	1/2	97,590	1/2	86,804	1/2	76,018	1/2	65,283
3/4		3/4	146,150	3/4	136,745	3/4	127,323	3/4	117,885	3/4	108,145	3/4	97,365	3/4	86,579	3/4	75,795	3/4	65,059
7		7	145,987	7	136,548	7	127,127	7	117,687	7	107,921	7	97,140	7	86,355	7	75,571	7	64,835
1/4		1/4	145,778	1/4	136,352	1/4	126,930	1/4	117,490	1/4	107,697	1/4	96,916	1/4	86,130	1/4	75,347	1/4	64,610
1/2		1/2	145,570	1/2	136,155	1/2	126,733	1/2	117,292	1/2	107,473	1/2	96,691	1/2	85,905	1/2	75,124	1/2	64,386
3/4		3/4	145,361	3/4	135,959	3/4	126,537	3/4	117,094	3/4	107,248	3/4	96,466	3/4	85,680	3/4	74,901	3/4	64,162
8		8	145,153	8	135,762	8	126,340	8	116,897	8	107,024	8	96,241	8	85,455	8	74,677	8	63,938
1/4		1/4	144,948	1/4	135,565	1/4	126,144	1/4	116,699	1/4	106,800	1/4	96,017	1/4	85,231	1/4	74,454	1/4	63,713
1/2		1/2	144,743	1/2	135,369	1/2	125,947	1/2	116,501	1/2	106,576	1/2	95,792	1/2	85,006	1/2	74,231	1/2	63,489
3/4		3/4	144,538	3/4	135,172	3/4	125,750	3/4	116,304	3/4	106,352	3/4	95,567	3/4	84,781	3/4	74,007	3/4	63,265
9		9	144,333	9	134,976	9	125,554	9	116,106	9	106,127	9	95,342	9	84,556	9	73,784	9	63,040
1/4		1/4	144,140	1/4	134,779	1/4	125,357	1/4	115,908	1/4	105,903	1/4	95,118	1/4	84,332	1/4	73,560	1/4	62,816
1/2		1/2	143,947	1/2	134,582	1/2	125,161	1/2	115,711	1/2	105,679	1/2	94,893	1/2	84,107	1/2	73,337	1/2	62,592
3/4		3/4	143,754	3/4	134,386	3/4	124,964	3/4	115,513	3/4	105,455	3/4	94,668	3/4	83,882	3/4	73,114	3/4	62,368
10		10	143,561	10	134,189	10	124,767	10	115,316	10	105,230	10	94,443	10	83,657	10	72,890	10	62,143
1/4		1/4	143,368	1/4	133,993	1/4	124,571	1/4	115,118	1/4	105,006	1/4	94,219	1/4	83,432	1/4	72,667	1/4	61,919
1/2		1/2	143,175	1/2	133,797	1/2	124,374	1/2	114,920	1/2	104,781	1/2	93,994	1/2	83,208	1/2	72,443	1/2	61,695
3/4		3/4	142,982	3/4	133,601	3/4	124,178	3/4	114,723	3/4	104,557	3/4	93,769	3/4	82,983	3/4	72,220	3/4	61,471
11		11	142,789	11	133,404	11	123,981	11	114,525	11	104,332	11	93,544	11	82,758	11	71,997	11	61,246
1/4		1/4	142,597	1/4	133,208	1/4	123,784	1/4	114,327	1/4	104,107	1/4	93,320	1/4	82,533	1/4	71,773	1/4	61,022
1/2		1/2	142,404	1/2	133,012	1/2	123,588	1/2	114,130	1/2	103,883	1/2	93,095	1/2	82,308	1/2	71,550	1/2	60,798
3/4		3/4	142,211	3/4	132,816	3/4	123,391	3/4	113,932	3/4	103,658	3/4	92,870	3/4	82,084	3/4	71,326	3/4	60,574

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "AFS 101"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	60,349	0	49,585	0	38,821	0	28,224	0	17,471	0	6,655	0		0		0		0	
1/4	60,125	1/4	49,361	1/4	38,597	1/4	28,006	1/4	17,246	1/4	6,429	1/4		1/4		1/4		1/4	
1/2	59,901	1/2	49,137	1/2	38,372	1/2	27,787	1/2	17,020	1/2	6,204	1/2		1/2		1/2		1/2	
3/4	59,677	3/4	48,912	3/4	38,148	3/4	27,568	3/4	16,795	3/4	5,979	3/4		3/4		3/4		3/4	
1	59,452	1	48,688	1	37,924	1	27,349	1	16,570	1	5,753	1		1		1		1	
1/4	59,228	1/4	48,464	1/4	37,699	1/4	27,131	1/4	16,344	1/4	5,528	1/4		1/4		1/4		1/4	
1/2	59,004	1/2	48,240	1/2	37,475	1/2	26,912	1/2	16,119	1/2	5,303	1/2		1/2		1/2		1/2	
3/4	58,780	3/4	48,015	3/4	37,251	3/4	26,693	3/4	15,894	3/4	5,077	3/4		3/4		3/4		3/4	
2	58,555	2	47,791	2	37,027	2	26,474	2	15,668	2	4,852	2		2		2		2	
1/4	58,331	1/4	47,567	1/4	36,802	1/4	26,252	1/4	15,443	1/4	4,627	1/4		1/4		1/4		1/4	
1/2	58,107	1/2	47,343	1/2	36,578	1/2	26,029	1/2	15,218	1/2	4,402	1/2		1/2		1/2		1/2	
3/4	57,883	3/4	47,118	3/4	36,354	3/4	25,806	3/4	14,992	3/4	4,177	3/4		3/4		3/4		3/4	
3	57,658	3	46,894	3	36,130	3	25,583	3	14,767	3	3,952	3		3		3		3	
1/4	57,434	1/4	46,670	1/4	35,905	1/4	25,358	1/4	14,542	1/4	3,728	1/4		1/4		1/4		1/4	
1/2	57,210	1/2	46,446	1/2	35,681	1/2	25,132	1/2	14,316	1/2	3,504	1/2		1/2		1/2		1/2	
3/4	56,986	3/4	46,221	3/4	35,457	3/4	24,907	3/4	14,091	3/4	3,280	3/4		3/4		3/4		3/4	
4	56,761	4	45,997	4	35,233	4	24,682	4	13,866	4	3,056	4		4		4		4	
1/4	56,537	1/4	45,773	1/4	35,012	1/4	24,456	1/4	13,640	1/4	2,843	1/4		1/4		1/4		1/4	
1/2	56,313	1/2	45,548	1/2	34,791	1/2	24,231	1/2	13,415	1/2	2,630	1/2		1/2		1/2		1/2	
3/4	56,089	3/4	45,324	3/4	34,570	3/4	24,006	3/4	13,190	3/4	2,417	3/4		3/4		3/4		3/4	
5	55,864	5	45,100	5	34,349	5	23,780	5	12,964	5	2,204	5		5		5		5	
1/4	55,640	1/4	44,876	1/4	34,131	1/4	23,555	1/4	12,739	1/4	2,021	1/4		1/4		1/4		1/4	
1/2	55,416	1/2	44,651	1/2	33,912	1/2	23,330	1/2	12,514	1/2	1,838	1/2		1/2		1/2		1/2	
3/4	55,192	3/4	44,427	3/4	33,693	3/4	23,104	3/4	12,288	3/4	1,655	3/4		3/4		3/4		3/4	
6	54,967	6	44,203	6	33,474	6	22,879	6	12,063	6	1,472	6		6		6		6	
1/4	54,743	1/4	43,979	1/4	33,256	1/4	22,654	1/4	11,838	1/4	1,326	1/4		1/4		1/4		1/4	
1/2	54,519	1/2	43,754	1/2	33,037	1/2	22,428	1/2	11,612	1/2	1,181	1/2		1/2		1/2		1/2	
3/4	54,294	3/4	43,530	3/4	32,818	3/4	22,203	3/4	11,387	3/4	1,035	3/4		3/4		3/4		3/4	
7	54,070	7	43,306	7	32,599	7	21,978	7	11,161	7	890	7		7		7		7	
1/4	53,846	1/4	43,082	1/4	32,381	1/4	21,752	1/4	10,936	1/4	782	1/4		1/4		1/4		1/4	
1/2	53,622	1/2	42,857	1/2	32,162	1/2	21,527	1/2	10,711	1/2	674	1/2		1/2		1/2		1/2	
3/4	53,397	3/4	42,633	3/4	31,943	3/4	21,302	3/4	10,485	3/4	566	3/4		3/4		3/4		3/4	
8	53,173	8	42,409	8	31,724	8	21,076	8	10,260	8	458	8		8		8		8	
1/4	52,949	1/4	42,185	1/4	31,506	1/4	20,851	1/4	10,035	1/4	388	1/4		1/4		1/4		1/4	
1/2	52,725	1/2	41,960	1/2	31,287	1/2	20,626	1/2	9,809	1/2	317	1/2		1/2		1/2		1/2	
3/4	52,500	3/4	41,736	3/4	31,068	3/4	20,400	3/4	9,584	3/4	247	3/4		3/4		3/4		3/4	
9	52,276	9	41,512	9	30,849	9	20,175	9	9,359	9	176	9		9		9		9	
1/4	52,052	1/4	41,288	1/4	30,631	1/4	19,950	1/4	9,133	1/4	144	1/4		1/4		1/4		1/4	
1/2	51,828	1/2	41,063	1/2	30,412	1/2	19,724	1/2	8,908	1/2	111	1/2		1/2		1/2		1/2	
3/4	51,603	3/4	40,839	3/4	30,193	3/4	19,499	3/4	8,683	3/4	78	3/4		3/4		3/4		3/4	
10	51,379	10	40,615	10	29,974	10	19,274	10	8,457	10	45	10		10		10		10	
1/4	51,155	1/4	40,391	1/4	29,756	1/4	19,048	1/4	8,232	1/4		1/4		1/4		1/4		1/4	
1/2	50,931	1/2	40,166	1/2	29,537	1/2	18,823	1/2	8,007	1/2		1/2		1/2		1/2		1/2	
3/4	50,706	3/4	39,942	3/4	29,318	3/4	18,598	3/4	7,781	3/4		3/4		3/4		3/4		3/4	
11	50,482	11	39,718	11	29,099	11	18,372	11	7,556	11		11		11		11		11	
1/4	50,258	1/4	39,494	1/4	28,881	1/4	18,147	1/4	7,331	1/4		1/4		1/4		1/4		1/4	
1/2	50,034	1/2	39,269	1/2	28,662	1/2	17,922	1/2	7,105	1/2		1/2		1/2		1/2		1/2	
3/4	49,809	3/4	39,045	3/4	28,443	3/4	17,696	3/4	6,880	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2020 CL
CALCULATED: 08/13/2020 CL
PRINTED: 08/13/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

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



BARGE "AFS 101"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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		0		0	163,563	0	151,624	0	139,640	0	127,625	0	115,574	0	103,523	0	91,472	0	79,421
1/4		1/4		1/4	163,318	1/4	151,374	1/4	139,391	1/4	127,374	1/4	115,323	1/4	103,272	1/4	91,221	1/4	79,170
1/2		1/2		1/2	163,073	1/2	151,125	1/2	139,141	1/2	127,123	1/2	115,072	1/2	103,021	1/2	90,970	1/2	78,919
3/4		3/4		3/4	162,828	3/4	150,875	3/4	138,891	3/4	126,872	3/4	114,821	3/4	102,770	3/4	90,719	3/4	78,668
1		1		1	162,583	1	150,625	1	138,642	1	126,621	1	114,570	1	102,519	1	90,468	1	78,417
1/4		1/4		1/4	162,338	1/4	150,376	1/4	138,392	1/4	126,370	1/4	114,319	1/4	102,268	1/4	90,217	1/4	78,166
1/2		1/2		1/2	162,093	1/2	150,126	1/2	138,142	1/2	126,119	1/2	114,068	1/2	102,017	1/2	89,966	1/2	77,915
3/4		3/4		3/4	161,848	3/4	149,876	3/4	137,893	3/4	125,868	3/4	113,817	3/4	101,766	3/4	89,715	3/4	77,664
2		2		2	161,604	2	149,627	2	137,643	2	125,617	2	113,566	2	101,515	2	89,464	2	77,413
1/4		1/4		1/4	161,356	1/4	149,377	1/4	137,393	1/4	125,366	1/4	113,315	1/4	101,264	1/4	89,213	1/4	77,162
1/2		1/2		1/2	161,108	1/2	149,127	1/2	137,144	1/2	125,114	1/2	113,064	1/2	101,013	1/2	88,962	1/2	76,911
3/4		3/4		3/4	160,860	3/4	148,878	3/4	136,894	3/4	124,863	3/4	112,812	3/4	100,762	3/4	88,711	3/4	76,660
3		3	170,147	3	160,612	3	148,628	3	136,644	3	124,612	3	112,561	3	100,511	3	88,460	3	76,409
1/4		1/4	170,111	1/4	160,362	1/4	148,378	1/4	136,395	1/4	124,361	1/4	112,310	1/4	100,259	1/4	88,209	1/4	76,158
1/2		1/2	170,075	1/2	160,113	1/2	148,129	1/2	136,145	1/2	124,110	1/2	112,059	1/2	100,008	1/2	87,957	1/2	75,907
3/4		3/4	170,038	3/4	159,863	3/4	147,879	3/4	135,895	3/4	123,859	3/4	111,808	3/4	99,757	3/4	87,706	3/4	75,656
4		4	170,002	4	159,613	4	147,630	4	135,646	4	123,608	4	111,557	4	99,506	4	87,455	4	75,404
1/4		1/4	169,921	1/4	159,364	1/4	147,380	1/4	135,396	1/4	123,357	1/4	111,306	1/4	99,255	1/4	87,204	1/4	75,153
1/2		1/2	169,839	1/2	159,114	1/2	147,130	1/2	135,146	1/2	123,106	1/2	111,055	1/2	99,004	1/2	86,953	1/2	74,902
3/4		3/4	169,757	3/4	158,864	3/4	146,881	3/4	134,897	3/4	122,855	3/4	110,804	3/4	98,753	3/4	86,702	3/4	74,651
5		5	169,676	5	158,615	5	146,631	5	134,647	5	122,604	5	110,553	5	98,502	5	86,451	5	74,400
1/4		1/4	169,544	1/4	158,365	1/4	146,381	1/4	134,397	1/4	122,353	1/4	110,302	1/4	98,251	1/4	86,200	1/4	74,149
1/2		1/2	169,412	1/2	158,115	1/2	146,132	1/2	134,148	1/2	122,102	1/2	110,051	1/2	98,000	1/2	85,949	1/2	73,898
3/4		3/4	169,280	3/4	157,866	3/4	145,882	3/4	133,898	3/4	121,851	3/4	109,800	3/4	97,749	3/4	85,698	3/4	73,647
6		6	169,149	6	157,616	6	145,632	6	133,648	6	121,600	6	109,549	6	97,498	6	85,447	6	73,396
1/4		1/4	168,967	1/4	157,366	1/4	145,383	1/4	133,398	1/4	121,349	1/4	109,298	1/4	97,247	1/4	85,196	1/4	73,145
1/2		1/2	168,784	1/2	157,117	1/2	145,133	1/2	133,147	1/2	121,097	1/2	109,047	1/2	96,996	1/2	84,945	1/2	72,894
3/4		3/4	168,602	3/4	156,867	3/4	144,883	3/4	132,897	3/4	120,846	3/4	108,796	3/4	96,745	3/4	84,694	3/4	72,643
7		7	168,420	7	156,617	7	144,634	7	132,646	7	120,595	7	108,544	7	96,494	7	84,443	7	72,392
1/4		1/4	168,188	1/4	156,368	1/4	144,384	1/4	132,395	1/4	120,344	1/4	108,293	1/4	96,242	1/4	84,192	1/4	72,141
1/2		1/2	167,956	1/2	156,118	1/2	144,134	1/2	132,144	1/2	120,093	1/2	108,042	1/2	95,991	1/2	83,941	1/2	71,890
3/4		3/4	167,724	3/4	155,868	3/4	143,885	3/4	131,893	3/4	119,842	3/4	107,791	3/4	95,740	3/4	83,689	3/4	71,639
8		8	167,491	8	155,619	8	143,635	8	131,642	8	119,591	8	107,540	8	95,489	8	83,438	8	71,387
1/4		1/4	167,244	1/4	155,369	1/4	143,385	1/4	131,391	1/4	119,340	1/4	107,289	1/4	95,238	1/4	83,187	1/4	71,136
1/2		1/2	166,997	1/2	155,119	1/2	143,136	1/2	131,140	1/2	119,089	1/2	107,038	1/2	94,987	1/2	82,936	1/2	70,885
3/4		3/4	166,750	3/4	154,870	3/4	142,886	3/4	130,889	3/4	118,838	3/4	106,787	3/4	94,736	3/4	82,685	3/4	70,634
9		9	166,502	9	154,620	9	142,636	9	130,638	9	118,587	9	106,536	9	94,485	9	82,434	9	70,383
1/4		1/4	166,258	1/4	154,370	1/4	142,387	1/4	130,387	1/4	118,336	1/4	106,285	1/4	94,234	1/4	82,183	1/4	70,132
1/2		1/2	166,013	1/2	154,121	1/2	142,137	1/2	130,136	1/2	118,085	1/2	106,034	1/2	93,983	1/2	81,932	1/2	69,881
3/4		3/4	165,768	3/4	153,871	3/4	141,887	3/4	129,885	3/4	117,834	3/4	105,783	3/4	93,732	3/4	81,681	3/4	69,630
10		10	165,523	10	153,621	10	141,638	10	129,634	10	117,583	10	105,532	10	93,481	10	81,430	10	69,379
1/4		1/4	165,278	1/4	153,372	1/4	141,388	1/4	129,382	1/4	117,332	1/4	105,281	1/4	93,230	1/4	81,179	1/4	69,128
1/2		1/2	165,033	1/2	153,122	1/2	141,138	1/2	129,131	1/2	117,081	1/2	105,030	1/2	92,979	1/2	80,928	1/2	68,877
3/4		3/4	164,788	3/4	152,872	3/4	140,889	3/4	128,880	3/4	116,829	3/4	104,779	3/4	92,728	3/4	80,677	3/4	68,626
11		11	164,543	11	152,623	11	140,639	11	128,629	11	116,578	11	104,527	11	92,477	11	80,426	11	68,375
1/4		1/4	164,298	1/4	152,373	1/4	140,389	1/4	128,378	1/4	116,327	1/4	104,276	1/4	92,226	1/4	80,175	1/4	68,124
1/2		1/2	164,053	1/2	152,123	1/2	140,140	1/2	128,127	1/2	116,076	1/2	104,025	1/2	91,974	1/2	79,924	1/2	67,873
3/4		3/4	163,808	3/4	151,874	3/4	139,890	3/4	127,876	3/4	115,825	3/4	103,774	3/4	91,723	3/4	79,672	3/4	67,622

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "AFS 101"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	67,371	0	55,320	0	43,269	0	31,443	0	19,463	0	7,413	0		0		0		0	
1/4	67,119	1/4	55,069	1/4	43,018	1/4	31,199	1/4	19,212	1/4	7,162	1/4		1/4		1/4		1/4	
1/2	66,868	1/2	54,817	1/2	42,767	1/2	30,955	1/2	18,961	1/2	6,911	1/2		1/2		1/2		1/2	
3/4	66,617	3/4	54,566	3/4	42,516	3/4	30,712	3/4	18,710	3/4	6,659	3/4		3/4		3/4		3/4	
1	66,366	1	54,315	1	42,264	1	30,468	1	18,459	1	6,408	1		1		1		1	
1/4	66,115	1/4	54,064	1/4	42,013	1/4	30,225	1/4	18,208	1/4	6,157	1/4		1/4		1/4		1/4	
1/2	65,864	1/2	53,813	1/2	41,762	1/2	29,981	1/2	17,957	1/2	5,906	1/2		1/2		1/2		1/2	
3/4	65,613	3/4	53,562	3/4	41,511	3/4	29,738	3/4	17,706	3/4	5,655	3/4		3/4		3/4		3/4	
2	65,362	2	53,311	2	41,260	2	29,494	2	17,455	2	5,404	2		2		2		2	
1/4	65,111	1/4	53,060	1/4	41,009	1/4	29,246	1/4	17,204	1/4	5,154	1/4		1/4		1/4		1/4	
1/2	64,860	1/2	52,809	1/2	40,758	1/2	28,997	1/2	16,953	1/2	4,903	1/2		1/2		1/2		1/2	
3/4	64,609	3/4	52,558	3/4	40,507	3/4	28,749	3/4	16,702	3/4	4,652	3/4		3/4		3/4		3/4	
3	64,358	3	52,307	3	40,256	3	28,501	3	16,450	3	4,401	3		3		3		3	
1/4	64,107	1/4	52,056	1/4	40,005	1/4	28,250	1/4	16,199	1/4	4,152	1/4		1/4		1/4		1/4	
1/2	63,856	1/2	51,805	1/2	39,754	1/2	27,999	1/2	15,948	1/2	3,902	1/2		1/2		1/2		1/2	
3/4	63,605	3/4	51,554	3/4	39,503	3/4	27,748	3/4	15,697	3/4	3,652	3/4		3/4		3/4		3/4	
4	63,354	4	51,303	4	39,252	4	27,497	4	15,446	4	3,403	4		4		4		4	
1/4	63,102	1/4	51,052	1/4	39,005	1/4	27,246	1/4	15,195	1/4	3,166	1/4		1/4		1/4		1/4	
1/2	62,851	1/2	50,801	1/2	38,758	1/2	26,995	1/2	14,944	1/2	2,928	1/2		1/2		1/2		1/2	
3/4	62,600	3/4	50,549	3/4	38,512	3/4	26,744	3/4	14,693	3/4	2,691	3/4		3/4		3/4		3/4	
5	62,349	5	50,298	5	38,265	5	26,493	5	14,442	5	2,454	5		5		5		5	
1/4	62,098	1/4	50,047	1/4	38,021	1/4	26,241	1/4	14,191	1/4	2,250	1/4		1/4		1/4		1/4	
1/2	61,847	1/2	49,796	1/2	37,777	1/2	25,990	1/2	13,940	1/2	2,046	1/2		1/2		1/2		1/2	
3/4	61,596	3/4	49,545	3/4	37,533	3/4	25,739	3/4	13,689	3/4	1,842	3/4		3/4		3/4		3/4	
6	61,345	6	49,294	6	37,289	6	25,488	6	13,438	6	1,638	6		6		6		6	
1/4	61,094	1/4	49,043	1/4	37,045	1/4	25,237	1/4	13,187	1/4	1,476	1/4		1/4		1/4		1/4	
1/2	60,843	1/2	48,792	1/2	36,802	1/2	24,986	1/2	12,936	1/2	1,314	1/2		1/2		1/2		1/2	
3/4	60,592	3/4	48,541	3/4	36,558	3/4	24,735	3/4	12,685	3/4	1,152	3/4		3/4		3/4		3/4	
7	60,341	7	48,290	7	36,314	7	24,484	7	12,434	7	990	7		7		7		7	
1/4	60,090	1/4	48,039	1/4	36,071	1/4	24,233	1/4	12,183	1/4	869	1/4		1/4		1/4		1/4	
1/2	59,839	1/2	47,788	1/2	35,827	1/2	23,982	1/2	11,932	1/2	749	1/2		1/2		1/2		1/2	
3/4	59,588	3/4	47,537	3/4	35,583	3/4	23,731	3/4	11,681	3/4	629	3/4		3/4		3/4		3/4	
8	59,337	8	47,286	8	35,340	8	23,480	8	11,429	8	508	8		8		8		8	
1/4	59,086	1/4	47,035	1/4	35,096	1/4	23,229	1/4	11,178	1/4	430	1/4		1/4		1/4		1/4	
1/2	58,834	1/2	46,784	1/2	34,853	1/2	22,978	1/2	10,927	1/2	352	1/2		1/2		1/2		1/2	
3/4	58,583	3/4	46,532	3/4	34,609	3/4	22,727	3/4	10,676	3/4	273	3/4		3/4		3/4		3/4	
9	58,332	9	46,281	9	34,366	9	22,476	9	10,425	9	195	9		9		9		9	
1/4	58,081	1/4	46,030	1/4	34,122	1/4	22,225	1/4	10,174	1/4	158	1/4		1/4		1/4		1/4	
1/2	57,830	1/2	45,779	1/2	33,878	1/2	21,974	1/2	9,923	1/2	121	1/2		1/2		1/2		1/2	
3/4	57,579	3/4	45,528	3/4	33,635	3/4	21,723	3/4	9,672	3/4	85	3/4		3/4		3/4		3/4	
10	57,328	10	45,277	10	33,391	10	21,472	10	9,421	10	48	10		10		10		10	
1/4	57,077	1/4	45,026	1/4	33,148	1/4	21,220	1/4	9,170	1/4		1/4		1/4		1/4		1/4	
1/2	56,826	1/2	44,775	1/2	32,904	1/2	20,969	1/2	8,919	1/2		1/2		1/2		1/2		1/2	
3/4	56,575	3/4	44,524	3/4	32,661	3/4	20,718	3/4	8,668	3/4		3/4		3/4		3/4		3/4	
11	56,324	11	44,273	11	32,417	11	20,467	11	8,417	11		11		11		11		11	
1/4	56,073	1/4	44,022	1/4	32,173	1/4	20,216	1/4	8,166	1/4		1/4		1/4		1/4		1/4	
1/2	55,822	1/2	43,771	1/2	31,930	1/2	19,965	1/2	7,915	1/2		1/2		1/2		1/2		1/2	
3/4	55,571	3/4	43,520	3/4	31,686	3/4	19,714	3/4	7,664	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2020 CL
CALCULATED: 08/13/2020 CL
PRINTED: 08/13/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "AFS 101"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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		0		0	145,635	0	135,028	0	124,381	0	113,703	0	102,989	0	92,275	0	81,561	0	70,847
1/4		1/4		1/4	145,417	1/4	134,806	1/4	124,159	1/4	113,480	1/4	102,766	1/4	92,052	1/4	81,338	1/4	70,624
1/2		1/2		1/2	145,200	1/2	134,584	1/2	123,938	1/2	113,257	1/2	102,543	1/2	91,829	1/2	81,115	1/2	70,401
3/4		3/4		3/4	144,982	3/4	134,363	3/4	123,716	3/4	113,033	3/4	102,319	3/4	91,606	3/4	80,892	3/4	70,178
1		1		1	144,765	1	134,141	1	123,494	1	112,810	1	102,096	1	91,382	1	80,668	1	69,954
1/4		1/4		1/4	144,547	1/4	133,919	1/4	123,272	1/4	112,587	1/4	101,873	1/4	91,159	1/4	80,445	1/4	69,731
1/2		1/2		1/2	144,329	1/2	133,697	1/2	123,050	1/2	112,364	1/2	101,650	1/2	90,936	1/2	80,222	1/2	69,508
3/4		3/4		3/4	144,112	3/4	133,475	3/4	122,829	3/4	112,141	3/4	101,427	3/4	90,713	3/4	79,999	3/4	69,285
2		2		2	143,894	2	133,254	2	122,607	2	111,917	2	101,203	2	90,489	2	79,776	2	69,062
1/4		1/4		1/4	143,674	1/4	133,032	1/4	122,385	1/4	111,694	1/4	100,980	1/4	90,266	1/4	79,552	1/4	68,838
1/2		1/2		1/2	143,454	1/2	132,810	1/2	122,163	1/2	111,471	1/2	100,757	1/2	90,043	1/2	79,329	1/2	68,615
3/4		3/4		3/4	143,233	3/4	132,588	3/4	121,941	3/4	111,248	3/4	100,534	3/4	89,820	3/4	79,106	3/4	68,392
3		3	151,486	3	143,013	3	132,366	3	121,720	3	111,024	3	100,311	3	89,597	3	78,883	3	68,169
1/4		1/4	151,454	1/4	142,791	1/4	132,145	1/4	121,498	1/4	110,801	1/4	100,087	1/4	89,373	1/4	78,660	1/4	67,946
1/2		1/2	151,422	1/2	142,570	1/2	131,923	1/2	121,276	1/2	110,578	1/2	99,864	1/2	89,150	1/2	78,436	1/2	67,722
3/4		3/4	151,390	3/4	142,348	3/4	131,701	3/4	121,054	3/4	110,355	3/4	99,641	3/4	88,927	3/4	78,213	3/4	67,499
4		4	151,358	4	142,126	4	131,479	4	120,832	4	110,132	4	99,418	4	88,704	4	77,990	4	67,276
1/4		1/4	151,285	1/4	141,904	1/4	131,257	1/4	120,610	1/4	109,908	1/4	99,195	1/4	88,481	1/4	77,767	1/4	67,053
1/2		1/2	151,212	1/2	141,682	1/2	131,035	1/2	120,389	1/2	109,685	1/2	98,971	1/2	88,257	1/2	77,543	1/2	66,830
3/4		3/4	151,140	3/4	141,460	3/4	130,814	3/4	120,167	3/4	109,462	3/4	98,748	3/4	88,034	3/4	77,320	3/4	66,606
5		5	151,067	5	141,239	5	130,592	5	119,945	5	109,239	5	98,525	5	87,811	5	77,097	5	66,383
1/4		1/4	150,950	1/4	141,017	1/4	130,370	1/4	119,723	1/4	109,016	1/4	98,302	1/4	87,588	1/4	76,874	1/4	66,160
1/2		1/2	150,833	1/2	140,795	1/2	130,148	1/2	119,501	1/2	108,792	1/2	98,078	1/2	87,365	1/2	76,651	1/2	65,937
3/4		3/4	150,716	3/4	140,573	3/4	129,926	3/4	119,280	3/4	108,569	3/4	97,855	3/4	87,141	3/4	76,427	3/4	65,714
6		6	150,599	6	140,351	6	129,705	6	119,058	6	108,346	6	97,632	6	86,918	6	76,204	6	65,490
1/4		1/4	150,437	1/4	140,130	1/4	129,483	1/4	118,835	1/4	108,123	1/4	97,409	1/4	86,695	1/4	75,981	1/4	65,267
1/2		1/2	150,275	1/2	139,908	1/2	129,261	1/2	118,612	1/2	107,900	1/2	97,186	1/2	86,472	1/2	75,758	1/2	65,044
3/4		3/4	150,113	3/4	139,686	3/4	129,039	3/4	118,390	3/4	107,676	3/4	96,962	3/4	86,249	3/4	75,535	3/4	64,821
7		7	149,951	7	139,464	7	128,817	7	118,167	7	107,453	7	96,739	7	86,025	7	75,311	7	64,597
1/4		1/4	149,745	1/4	139,242	1/4	128,596	1/4	117,944	1/4	107,230	1/4	96,516	1/4	85,802	1/4	75,088	1/4	64,374
1/2		1/2	149,538	1/2	139,021	1/2	128,374	1/2	117,721	1/2	107,007	1/2	96,293	1/2	85,579	1/2	74,865	1/2	64,151
3/4		3/4	149,332	3/4	138,799	3/4	128,152	3/4	117,497	3/4	106,784	3/4	96,070	3/4	85,356	3/4	74,642	3/4	63,928
8		8	149,125	8	138,577	8	127,930	8	117,274	8	106,560	8	95,846	8	85,133	8	74,419	8	63,705
1/4		1/4	148,906	1/4	138,355	1/4	127,708	1/4	117,051	1/4	106,337	1/4	95,623	1/4	84,909	1/4	74,195	1/4	63,481
1/2		1/2	148,686	1/2	138,133	1/2	127,487	1/2	116,828	1/2	106,114	1/2	95,400	1/2	84,686	1/2	73,972	1/2	63,258
3/4		3/4	148,466	3/4	137,912	3/4	127,265	3/4	116,605	3/4	105,891	3/4	95,177	3/4	84,463	3/4	73,749	3/4	63,035
9		9	148,246	9	137,690	9	127,043	9	116,381	9	105,668	9	94,954	9	84,240	9	73,526	9	62,812
1/4		1/4	148,029	1/4	137,468	1/4	126,821	1/4	116,158	1/4	105,444	1/4	94,730	1/4	84,016	1/4	73,303	1/4	62,589
1/2		1/2	147,811	1/2	137,246	1/2	126,599	1/2	115,935	1/2	105,221	1/2	94,507	1/2	83,793	1/2	73,079	1/2	62,365
3/4		3/4	147,594	3/4	137,024	3/4	126,377	3/4	115,712	3/4	104,998	3/4	94,284	3/4	83,570	3/4	72,856	3/4	62,142
10		10	147,376	10	136,802	10	126,156	10	115,489	10	104,775	10	94,061	10	83,347	10	72,633	10	61,919
1/4		1/4	147,158	1/4	136,581	1/4	125,934	1/4	115,265	1/4	104,551	1/4	93,838	1/4	83,124	1/4	72,410	1/4	61,696
1/2		1/2	146,941	1/2	136,359	1/2	125,712	1/2	115,042	1/2	104,328	1/2	93,614	1/2	82,900	1/2	72,187	1/2	61,473
3/4		3/4	146,723	3/4	136,137	3/4	125,490	3/4	114,819	3/4	104,105	3/4	93,391	3/4	82,677	3/4	71,963	3/4	61,249
11		11	146,505	11	135,915	11	125,268	11	114,596	11	103,882	11	93,168	11	82,454	11	71,740	11	61,026
1/4		1/4	146,288	1/4	135,693	1/4	125,047	1/4	114,373	1/4	103,659	1/4	92,945	1/4	82,231	1/4	71,517	1/4	60,803
1/2		1/2	146,070	1/2	135,472	1/2	124,825	1/2	114,149	1/2	103,435	1/2	92,722	1/2	82,008	1/2	71,294	1/2	60,580
3/4		3/4	145,853	3/4	135,250	3/4	124,603	3/4	113,926	3/4	103,212	3/4	92,498	3/4	81,784	3/4	71,070	3/4	60,357

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 THREADS ON "MMC" VALVE
GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "AFS 101"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	60,133	0	49,419	0	38,706	0	28,012	0	17,306	0	6,592	0		0		0		0	
1/4	59,910	1/4	49,196	1/4	38,482	1/4	27,789	1/4	17,082	1/4	6,369	1/4		1/4		1/4		1/4	
1/2	59,687	1/2	48,973	1/2	38,259	1/2	27,567	1/2	16,859	1/2	6,146	1/2		1/2		1/2		1/2	
3/4	59,464	3/4	48,750	3/4	38,036	3/4	27,344	3/4	16,636	3/4	5,922	3/4		3/4		3/4		3/4	
1	59,241	1	48,527	1	37,813	1	27,122	1	16,413	1	5,699	1		1		1		1	
1/4	59,017	1/4	48,303	1/4	37,589	1/4	26,900	1/4	16,190	1/4	5,476	1/4		1/4		1/4		1/4	
1/2	58,794	1/2	48,080	1/2	37,366	1/2	26,677	1/2	15,966	1/2	5,253	1/2		1/2		1/2		1/2	
3/4	58,571	3/4	47,857	3/4	37,143	3/4	26,455	3/4	15,743	3/4	5,030	3/4		3/4		3/4		3/4	
2	58,348	2	47,634	2	36,920	2	26,232	2	15,520	2	4,807	2		2		2		2	
1/4	58,125	1/4	47,411	1/4	36,697	1/4	26,009	1/4	15,297	1/4	4,584	1/4		1/4		1/4		1/4	
1/2	57,901	1/2	47,187	1/2	36,473	1/2	25,786	1/2	15,074	1/2	4,361	1/2		1/2		1/2		1/2	
3/4	57,678	3/4	46,964	3/4	36,250	3/4	25,564	3/4	14,850	3/4	4,138	3/4		3/4		3/4		3/4	
3	57,455	3	46,741	3	36,027	3	25,341	3	14,627	3	3,915	3		3		3		3	
1/4	57,232	1/4	46,518	1/4	35,804	1/4	25,117	1/4	14,404	1/4	3,693	1/4		1/4		1/4		1/4	
1/2	57,008	1/2	46,295	1/2	35,581	1/2	24,894	1/2	14,181	1/2	3,471	1/2		1/2		1/2		1/2	
3/4	56,785	3/4	46,071	3/4	35,357	3/4	24,671	3/4	13,958	3/4	3,249	3/4		3/4		3/4		3/4	
4	56,562	4	45,848	4	35,134	4	24,448	4	13,734	4	3,027	4		4		4		4	
1/4	56,339	1/4	45,625	1/4	34,911	1/4	24,225	1/4	13,511	1/4	2,816	1/4		1/4		1/4		1/4	
1/2	56,116	1/2	45,402	1/2	34,688	1/2	24,001	1/2	13,288	1/2	2,605	1/2		1/2		1/2		1/2	
3/4	55,892	3/4	45,179	3/4	34,465	3/4	23,778	3/4	13,065	3/4	2,395	3/4		3/4		3/4		3/4	
5	55,669	5	44,955	5	34,242	5	23,555	5	12,842	5	2,184	5		5		5		5	
1/4	55,446	1/4	44,732	1/4	34,019	1/4	23,332	1/4	12,618	1/4	2,002	1/4		1/4		1/4		1/4	
1/2	55,223	1/2	44,509	1/2	33,797	1/2	23,109	1/2	12,395	1/2	1,821	1/2		1/2		1/2		1/2	
3/4	55,000	3/4	44,286	3/4	33,574	3/4	22,885	3/4	12,172	3/4	1,640	3/4		3/4		3/4		3/4	
6	54,776	6	44,062	6	33,351	6	22,662	6	11,949	6	1,458	6		6		6		6	
1/4	54,553	1/4	43,839	1/4	33,128	1/4	22,439	1/4	11,726	1/4	1,314	1/4		1/4		1/4		1/4	
1/2	54,330	1/2	43,616	1/2	32,906	1/2	22,216	1/2	11,502	1/2	1,170	1/2		1/2		1/2		1/2	
3/4	54,107	3/4	43,393	3/4	32,683	3/4	21,993	3/4	11,279	3/4	1,026	3/4		3/4		3/4		3/4	
7	53,884	7	43,170	7	32,460	7	21,769	7	11,056	7	882	7		7		7		7	
1/4	53,660	1/4	42,946	1/4	32,238	1/4	21,546	1/4	10,833	1/4	775	1/4		1/4		1/4		1/4	
1/2	53,437	1/2	42,723	1/2	32,016	1/2	21,323	1/2	10,610	1/2	668	1/2		1/2		1/2		1/2	
3/4	53,214	3/4	42,500	3/4	31,793	3/4	21,100	3/4	10,386	3/4	561	3/4		3/4		3/4		3/4	
8	52,991	8	42,277	8	31,571	8	20,877	8	10,163	8	454	8		8		8		8	
1/4	52,768	1/4	42,054	1/4	31,348	1/4	20,654	1/4	9,940	1/4	384	1/4		1/4		1/4		1/4	
1/2	52,544	1/2	41,830	1/2	31,126	1/2	20,430	1/2	9,717	1/2	314	1/2		1/2		1/2		1/2	
3/4	52,321	3/4	41,607	3/4	30,903	3/4	20,207	3/4	9,494	3/4	245	3/4		3/4		3/4		3/4	
9	52,098	9	41,384	9	30,681	9	19,984	9	9,270	9	175	9		9		9		9	
1/4	51,875	1/4	41,161	1/4	30,459	1/4	19,761	1/4	9,047	1/4	142	1/4		1/4		1/4		1/4	
1/2	51,652	1/2	40,938	1/2	30,236	1/2	19,538	1/2	8,824	1/2	110	1/2		1/2		1/2		1/2	
3/4	51,428	3/4	40,714	3/4	30,014	3/4	19,314	3/4	8,601	3/4	77	3/4		3/4		3/4		3/4	
10	51,205	10	40,491	10	29,791	10	19,091	10	8,378	10	45	10		10		10		10	
1/4	50,982	1/4	40,268	1/4	29,569	1/4	18,868	1/4	8,154	1/4		1/4		1/4		1/4		1/4	
1/2	50,759	1/2	40,045	1/2	29,346	1/2	18,645	1/2	7,931	1/2		1/2		1/2		1/2		1/2	
3/4	50,535	3/4	39,822	3/4	29,124	3/4	18,422	3/4	7,708	3/4		3/4		3/4		3/4		3/4	
11	50,312	11	39,598	11	28,902	11	18,198	11	7,485	11		11		11		11		11	
1/4	50,089	1/4	39,375	1/4	28,679	1/4	17,975	1/4	7,262	1/4		1/4		1/4		1/4		1/4	
1/2	49,866	1/2	39,152	1/2	28,457	1/2	17,752	1/2	7,038	1/2		1/2		1/2		1/2		1/2	
3/4	49,643	3/4	38,929	3/4	28,234	3/4	17,529	3/4	6,815	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/13/2020 CL
CALCULATED: 08/13/2020 CL
PRINTED: 08/13/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

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