



BARGE "AFS 101"

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	00-0/8	- 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 INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

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 INNAGE 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	45	0	8,457	0	19,274	0	29,974	0	40,615	0	51,379	0	62,143	0	72,890	0	83,657	0	94,443
1/4	78	1/4	8,683	1/4	19,499	1/4	30,193	1/4	40,839	1/4	51,603	1/4	62,368	1/4	73,114	1/4	83,882	1/4	94,668
1/2	111	1/2	8,908	1/2	19,724	1/2	30,412	1/2	41,063	1/2	51,828	1/2	62,592	1/2	73,337	1/2	84,107	1/2	94,893
3/4	144	3/4	9,133	3/4	19,950	3/4	30,631	3/4	41,288	3/4	52,052	3/4	62,816	3/4	73,560	3/4	84,332	3/4	95,118
1	176	1	9,359	1	20,175	1	30,849	1	41,512	1	52,276	1	63,040	1	73,784	1	84,556	1	95,342
1/4	247	1/4	9,584	1/4	20,400	1/4	31,068	1/4	41,736	1/4	52,500	1/4	63,265	1/4	74,007	1/4	84,781	1/4	95,567
1/2	317	1/2	9,809	1/2	20,626	1/2	31,287	1/2	41,960	1/2	52,725	1/2	63,489	1/2	74,231	1/2	85,006	1/2	95,792
3/4	388	3/4	10,035	3/4	20,851	3/4	31,506	3/4	42,185	3/4	52,949	3/4	63,713	3/4	74,454	3/4	85,231	3/4	96,017
2	458	2	10,260	2	21,076	2	31,724	2	42,409	2	53,173	2	63,938	2	74,677	2	85,455	2	96,241
1/4	566	1/4	10,485	1/4	21,302	1/4	31,943	1/4	42,633	1/4	53,397	1/4	64,162	1/4	74,901	1/4	85,680	1/4	96,466
1/2	674	1/2	10,711	1/2	21,527	1/2	32,162	1/2	42,857	1/2	53,622	1/2	64,386	1/2	75,124	1/2	85,905	1/2	96,691
3/4	782	3/4	10,936	3/4	21,752	3/4	32,381	3/4	43,082	3/4	53,846	3/4	64,610	3/4	75,347	3/4	86,130	3/4	96,916
3	890	3	11,161	3	21,978	3	32,599	3	43,306	3	54,070	3	64,835	3	75,571	3	86,355	3	97,140
1/4	1,035	1/4	11,387	1/4	22,203	1/4	32,818	1/4	43,530	1/4	54,294	1/4	65,059	1/4	75,795	1/4	86,579	1/4	97,365
1/2	1,181	1/2	11,612	1/2	22,428	1/2	33,037	1/2	43,754	1/2	54,519	1/2	65,283	1/2	76,018	1/2	86,804	1/2	97,590
3/4	1,326	3/4	11,838	3/4	22,654	3/4	33,256	3/4	43,979	3/4	54,743	3/4	65,507	3/4	76,242	3/4	87,029	3/4	97,815
4	1,472	4	12,063	4	22,879	4	33,474	4	44,203	4	54,967	4	65,732	4	76,466	4	87,254	4	98,039
1/4	1,655	1/4	12,288	1/4	23,104	1/4	33,693	1/4	44,427	1/4	55,192	1/4	65,956	1/4	76,690	1/4	87,478	1/4	98,264
1/2	1,838	1/2	12,514	1/2	23,330	1/2	33,912	1/2	44,651	1/2	55,416	1/2	66,180	1/2	76,914	1/2	87,703	1/2	98,489
3/4	2,021	3/4	12,739	3/4	23,555	3/4	34,131	3/4	44,876	3/4	55,640	3/4	66,404	3/4	77,139	3/4	87,928	3/4	98,714
5	2,204	5	12,964	5	23,780	5	34,349	5	45,100	5	55,864	5	66,629	5	77,363	5	88,153	5	98,938
1/4	2,417	1/4	13,190	1/4	24,006	1/4	34,570	1/4	45,324	1/4	56,089	1/4	66,853	1/4	77,588	1/4	88,377	1/4	99,163
1/2	2,630	1/2	13,415	1/2	24,231	1/2	34,791	1/2	45,548	1/2	56,313	1/2	67,077	1/2	77,813	1/2	88,602	1/2	99,388
3/4	2,843	3/4	13,640	3/4	24,456	3/4	35,012	3/4	45,773	3/4	56,537	3/4	67,301	3/4	78,038	3/4	88,827	3/4	99,613
6	3,056	6	13,866	6	24,682	6	35,233	6	45,997	6	56,761	6	67,526	6	78,262	6	89,051	6	99,837
1/4	3,280	1/4	14,091	1/4	24,907	1/4	35,457	1/4	46,221	1/4	56,986	1/4	67,750	1/4	78,487	1/4	89,276	1/4	100,062
1/2	3,504	1/2	14,316	1/2	25,132	1/2	35,681	1/2	46,446	1/2	57,210	1/2	67,974	1/2	78,712	1/2	89,501	1/2	100,287
3/4	3,728	3/4	14,542	3/4	25,358	3/4	35,905	3/4	46,670	3/4	57,434	3/4	68,198	3/4	78,937	3/4	89,725	3/4	100,512
7	3,952	7	14,767	7	25,583	7	36,130	7	46,894	7	57,658	7	68,422	7	79,162	7	89,950	7	100,736
1/4	4,177	1/4	14,992	1/4	25,806	1/4	36,354	1/4	47,118	1/4	57,883	1/4	68,645	1/4	79,386	1/4	90,174	1/4	100,961
1/2	4,402	1/2	15,218	1/2	26,029	1/2	36,578	1/2	47,343	1/2	58,107	1/2	68,869	1/2	79,611	1/2	90,399	1/2	101,186
3/4	4,627	3/4	15,443	3/4	26,252	3/4	36,802	3/4	47,567	3/4	58,331	3/4	69,092	3/4	79,836	3/4	90,624	3/4	101,410
8	4,852	8	15,668	8	26,474	8	37,027	8	47,791	8	58,555	8	69,316	8	80,061	8	90,848	8	101,635
1/4	5,077	1/4	15,894	1/4	26,693	1/4	37,251	1/4	48,015	1/4	58,780	1/4	69,539	1/4	80,285	1/4	91,073	1/4	101,860
1/2	5,303	1/2	16,119	1/2	26,912	1/2	37,475	1/2	48,240	1/2	59,004	1/2	69,763	1/2	80,510	1/2	91,298	1/2	102,085
3/4	5,528	3/4	16,344	3/4	27,131	3/4	37,700	3/4	48,464	3/4	59,228	3/4	69,986	3/4	80,735	3/4	91,522	3/4	102,309
9	5,753	9	16,570	9	27,349	9	37,924	9	48,688	9	59,452	9	70,210	9	80,960	9	91,747	9	102,534
1/4	5,979	1/4	16,795	1/4	27,568	1/4	38,148	1/4	48,912	1/4	59,677	1/4	70,433	1/4	81,185	1/4	91,972	1/4	102,759
1/2	6,204	1/2	17,020	1/2	27,787	1/2	38,372	1/2	49,137	1/2	59,901	1/2	70,656	1/2	81,409	1/2	92,196	1/2	102,984
3/4	6,429	3/4	17,246	3/4	28,006	3/4	38,597	3/4	49,361	3/4	60,125	3/4	70,880	3/4	81,634	3/4	92,421	3/4	103,208
10	6,655	10	17,471	10	28,224	10	38,821	10	49,585	10	60,349	10	71,103	10	81,859	10	92,646	10	103,433
1/4	6,880	1/4	17,696	1/4	28,443	1/4	39,045	1/4	49,809	1/4	60,574	1/4	71,326	1/4	82,084	1/4	92,870	1/4	103,658
1/2	7,105	1/2	17,922	1/2	28,662	1/2	39,269	1/2	50,034	1/2	60,798	1/2	71,550	1/2	82,308	1/2	93,095	1/2	103,883
3/4	7,331	3/4	18,147	3/4	28,881	3/4	39,494	3/4	50,258	3/4	61,022	3/4	71,773	3/4	82,533	3/4	93,320	3/4	104,107
11	7,556	11	18,372	11	29,099	11	39,718	11	50,482	11	61,246	11	71,997	11	82,758	11	93,544	11	104,332
1/4	7,781	1/4	18,598	1/4	29,318	1/4	39,942	1/4	50,706	1/4	61,471	1/4	72,220	1/4	82,983	1/4	93,769	1/4	104,557
1/2	8,007	1/2	18,823	1/2	29,537	1/2	40,166	1/2	50,931	1/2	61,695	1/2	72,443	1/2	83,208	1/2	93,994	1/2	104,781
3/4	8,232	3/4	19,048	3/4	29,756	3/4	40,391	3/4	51,155	3/4	61,919	3/4	72,667	3/4	83,432	3/4	94,219	3/4	105,006

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

PRECISION MEASUREMENT
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BARGE "AFS 101"

1 CENTER INNAGE 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	105,230	0	115,316	0	124,767	0	134,189	0	143,561	0		0		0		0		0	
1/4	105,455	1/4	115,513	1/4	124,964	1/4	134,386	1/4	143,754	1/4		1/4		1/4		1/4		1/4	
1/2	105,679	1/2	115,711	1/2	125,161	1/2	134,582	1/2	143,947	1/2		1/2		1/2		1/2		1/2	
3/4	105,903	3/4	115,908	3/4	125,357	3/4	134,779	3/4	144,140	3/4		3/4		3/4		3/4		3/4	
1	106,127	1	116,106	1	125,554	1	134,976	1	144,333	1		1		1		1		1	
1/4	106,352	1/4	116,304	1/4	125,750	1/4	135,172	1/4	144,538	1/4		1/4		1/4		1/4		1/4	
1/2	106,576	1/2	116,501	1/2	125,947	1/2	135,369	1/2	144,743	1/2		1/2		1/2		1/2		1/2	
3/4	106,800	3/4	116,699	3/4	126,144	3/4	135,565	3/4	144,948	3/4		3/4		3/4		3/4		3/4	
2	107,024	2	116,897	2	126,340	2	135,762	2	145,153	2		2		2		2		2	
1/4	107,248	1/4	117,094	1/4	126,537	1/4	135,959	1/4	145,361	1/4		1/4		1/4		1/4		1/4	
1/2	107,473	1/2	117,292	1/2	126,733	1/2	136,155	1/2	145,570	1/2		1/2		1/2		1/2		1/2	
3/4	107,697	3/4	117,490	3/4	126,930	3/4	136,352	3/4	145,778	3/4		3/4		3/4		3/4		3/4	
3	107,921	3	117,687	3	127,127	3	136,548	3	145,987	3		3		3		3		3	
1/4	108,145	1/4	117,885	1/4	127,323	1/4	136,745	1/4	146,150	1/4		1/4		1/4		1/4		1/4	
1/2	108,370	1/2	118,082	1/2	127,520	1/2	136,942	1/2	146,313	1/2		1/2		1/2		1/2		1/2	
3/4	108,594	3/4	118,279	3/4	127,716	3/4	137,138	3/4	146,477	3/4		3/4		3/4		3/4		3/4	
4	108,818	4	118,476	4	127,913	4	137,335	4	146,640	4		4		4		4		4	
1/4	109,042	1/4	118,673	1/4	128,110	1/4	137,531	1/4	146,759	1/4		1/4		1/4		1/4		1/4	
1/2	109,266	1/2	118,869	1/2	128,306	1/2	137,728	1/2	146,877	1/2		1/2		1/2		1/2		1/2	
3/4	109,491	3/4	119,066	3/4	128,503	3/4	137,925	3/4	146,995	3/4		3/4		3/4		3/4		3/4	
5	109,715	5	119,263	5	128,699	5	138,121	5	147,114	5		5		5		5		5	
1/4	109,929	1/4	119,459	1/4	128,896	1/4	138,318	1/4	147,187	1/4		1/4		1/4		1/4		1/4	
1/2	110,143	1/2	119,656	1/2	129,092	1/2	138,514	1/2	147,260	1/2		1/2		1/2		1/2		1/2	
3/4	110,358	3/4	119,852	3/4	129,288	3/4	138,711	3/4	147,333	3/4		3/4		3/4		3/4		3/4	
6	110,572	6	120,049	6	129,485	6	138,908	6	147,407	6		6		6		6		6	
1/4	110,770	1/4	120,246	1/4	129,681	1/4	139,104	1/4	147,439	1/4		1/4		1/4		1/4		1/4	
1/2	110,967	1/2	120,442	1/2	129,877	1/2	139,301	1/2	147,471	1/2		1/2		1/2		1/2		1/2	
3/4	111,165	3/4	120,639	3/4	130,073	3/4	139,497	3/4	147,504	3/4		3/4		3/4		3/4		3/4	
7	111,363	7	120,835	7	130,269	7	139,694	7	147,536	7		7		7		7		7	
1/4	111,560	1/4	121,032	1/4	130,465	1/4	139,889	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,758	1/2	121,229	1/2	130,661	1/2	140,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,956	3/4	121,425	3/4	130,857	3/4	140,280	3/4		3/4		3/4		3/4		3/4		3/4	
8	112,153	8	121,622	8	131,053	8	140,475	8		8		8		8		8		8	
1/4	112,351	1/4	121,818	1/4	131,249	1/4	140,668	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,548	1/2	122,015	1/2	131,445	1/2	140,861	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,746	3/4	122,212	3/4	131,641	3/4	141,053	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,944	9	122,408	9	131,837	9	141,246	9		9		9		9		9		9	
1/4	113,141	1/4	122,605	1/4	132,033	1/4	141,439	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,339	1/2	122,801	1/2	132,228	1/2	141,632	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,537	3/4	122,998	3/4	132,424	3/4	141,825	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,734	10	123,195	10	132,620	10	142,018	10		10		10		10		10		10	
1/4	113,932	1/4	123,391	1/4	132,816	1/4	142,211	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,130	1/2	123,588	1/2	133,012	1/2	142,404	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,327	3/4	123,784	3/4	133,208	3/4	142,597	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,525	11	123,981	11	133,404	11	142,789	11		11		11		11		11		11	
1/4	114,723	1/4	124,178	1/4	133,601	1/4	142,982	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,920	1/2	124,374	1/2	133,797	1/2	143,175	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,118	3/4	124,571	3/4	133,993	3/4	143,368	3/4		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
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BARGE "AFS 101"

2 CENTER INNAGE 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	48	0	9,421	0	21,472	0	33,391	0	45,277	0	57,328	0	69,379	0	81,430	0	93,481	0	105,532
1/4	85	1/4	9,672	1/4	21,723	1/4	33,635	1/4	45,528	1/4	57,579	1/4	69,630	1/4	81,681	1/4	93,732	1/4	105,783
1/2	121	1/2	9,923	1/2	21,974	1/2	33,878	1/2	45,779	1/2	57,830	1/2	69,881	1/2	81,932	1/2	93,983	1/2	106,034
3/4	158	3/4	10,174	3/4	22,225	3/4	34,122	3/4	46,030	3/4	58,081	3/4	70,132	3/4	82,183	3/4	94,234	3/4	106,285
1	195	1	10,425	1	22,476	1	34,366	1	46,281	1	58,332	1	70,383	1	82,434	1	94,485	1	106,536
1/4	273	1/4	10,676	1/4	22,727	1/4	34,609	1/4	46,532	1/4	58,583	1/4	70,634	1/4	82,685	1/4	94,736	1/4	106,787
1/2	352	1/2	10,927	1/2	22,978	1/2	34,853	1/2	46,784	1/2	58,834	1/2	70,885	1/2	82,936	1/2	94,987	1/2	107,038
3/4	430	3/4	11,178	3/4	23,229	3/4	35,096	3/4	47,035	3/4	59,086	3/4	71,136	3/4	83,187	3/4	95,238	3/4	107,289
2	508	2	11,429	2	23,480	2	35,340	2	47,286	2	59,337	2	71,387	2	83,438	2	95,489	2	107,540
1/4	629	1/4	11,681	1/4	23,731	1/4	35,583	1/4	47,537	1/4	59,588	1/4	71,639	1/4	83,689	1/4	95,740	1/4	107,791
1/2	749	1/2	11,932	1/2	23,982	1/2	35,827	1/2	47,788	1/2	59,839	1/2	71,890	1/2	83,941	1/2	95,991	1/2	108,042
3/4	869	3/4	12,183	3/4	24,233	3/4	36,071	3/4	48,039	3/4	60,090	3/4	72,141	3/4	84,192	3/4	96,242	3/4	108,293
3	990	3	12,434	3	24,484	3	36,314	3	48,290	3	60,341	3	72,392	3	84,443	3	96,494	3	108,544
1/4	1,152	1/4	12,685	1/4	24,735	1/4	36,558	1/4	48,541	1/4	60,592	1/4	72,643	1/4	84,694	1/4	96,745	1/4	108,796
1/2	1,314	1/2	12,936	1/2	24,986	1/2	36,802	1/2	48,792	1/2	60,843	1/2	72,894	1/2	84,945	1/2	96,996	1/2	109,047
3/4	1,476	3/4	13,187	3/4	25,237	3/4	37,045	3/4	49,043	3/4	61,094	3/4	73,145	3/4	85,196	3/4	97,247	3/4	109,298
4	1,638	4	13,438	4	25,488	4	37,289	4	49,294	4	61,345	4	73,396	4	85,447	4	97,498	4	109,549
1/4	1,842	1/4	13,689	1/4	25,739	1/4	37,533	1/4	49,545	1/4	61,596	1/4	73,647	1/4	85,698	1/4	97,749	1/4	109,800
1/2	2,046	1/2	13,940	1/2	25,990	1/2	37,777	1/2	49,796	1/2	61,847	1/2	73,898	1/2	85,949	1/2	98,000	1/2	110,051
3/4	2,250	3/4	14,191	3/4	26,241	3/4	38,021	3/4	50,047	3/4	62,098	3/4	74,149	3/4	86,200	3/4	98,251	3/4	110,302
5	2,454	5	14,442	5	26,493	5	38,265	5	50,298	5	62,349	5	74,400	5	86,451	5	98,502	5	110,553
1/4	2,691	1/4	14,693	1/4	26,744	1/4	38,512	1/4	50,549	1/4	62,600	1/4	74,651	1/4	86,702	1/4	98,753	1/4	110,804
1/2	2,928	1/2	14,944	1/2	26,995	1/2	38,758	1/2	50,801	1/2	62,851	1/2	74,902	1/2	86,953	1/2	99,004	1/2	111,055
3/4	3,166	3/4	15,195	3/4	27,246	3/4	39,005	3/4	51,052	3/4	63,102	3/4	75,153	3/4	87,204	3/4	99,255	3/4	111,306
6	3,403	6	15,446	6	27,497	6	39,252	6	51,303	6	63,354	6	75,404	6	87,455	6	99,506	6	111,557
1/4	3,652	1/4	15,697	1/4	27,748	1/4	39,503	1/4	51,554	1/4	63,605	1/4	75,656	1/4	87,706	1/4	99,757	1/4	111,808
1/2	3,902	1/2	15,948	1/2	27,999	1/2	39,754	1/2	51,805	1/2	63,856	1/2	75,907	1/2	87,957	1/2	100,008	1/2	112,059
3/4	4,152	3/4	16,199	3/4	28,250	3/4	40,005	3/4	52,056	3/4	64,107	3/4	76,158	3/4	88,209	3/4	100,259	3/4	112,310
7	4,401	7	16,450	7	28,501	7	40,256	7	52,307	7	64,358	7	76,409	7	88,460	7	100,511	7	112,561
1/4	4,652	1/4	16,702	1/4	28,749	1/4	40,507	1/4	52,558	1/4	64,609	1/4	76,660	1/4	88,711	1/4	100,762	1/4	112,812
1/2	4,903	1/2	16,953	1/2	28,997	1/2	40,758	1/2	52,809	1/2	64,860	1/2	76,911	1/2	88,962	1/2	101,013	1/2	113,064
3/4	5,154	3/4	17,204	3/4	29,246	3/4	41,009	3/4	53,060	3/4	65,111	3/4	77,162	3/4	89,213	3/4	101,264	3/4	113,315
8	5,404	8	17,455	8	29,494	8	41,260	8	53,311	8	65,362	8	77,413	8	89,464	8	101,515	8	113,566
1/4	5,655	1/4	17,706	1/4	29,738	1/4	41,511	1/4	53,562	1/4	65,613	1/4	77,664	1/4	89,715	1/4	101,766	1/4	113,817
1/2	5,906	1/2	17,957	1/2	29,981	1/2	41,762	1/2	53,813	1/2	65,864	1/2	77,915	1/2	89,966	1/2	102,017	1/2	114,068
3/4	6,157	3/4	18,208	3/4	30,225	3/4	42,013	3/4	54,064	3/4	66,115	3/4	78,166	3/4	90,217	3/4	102,268	3/4	114,319
9	6,408	9	18,459	9	30,468	9	42,264	9	54,315	9	66,366	9	78,417	9	90,468	9	102,519	9	114,570
1/4	6,659	1/4	18,710	1/4	30,712	1/4	42,516	1/4	54,566	1/4	66,617	1/4	78,668	1/4	90,719	1/4	102,770	1/4	114,821
1/2	6,911	1/2	18,961	1/2	30,955	1/2	42,767	1/2	54,817	1/2	66,868	1/2	78,919	1/2	90,970	1/2	103,021	1/2	115,072
3/4	7,162	3/4	19,212	3/4	31,199	3/4	43,018	3/4	55,069	3/4	67,119	3/4	79,170	3/4	91,221	3/4	103,272	3/4	115,323
10	7,413	10	19,463	10	31,443	10	43,269	10	55,320	10	67,371	10	79,421	10	91,472	10	103,523	10	115,574
1/4	7,664	1/4	19,714	1/4	31,686	1/4	43,520	1/4	55,571	1/4	67,622	1/4	79,672	1/4	91,723	1/4	103,774	1/4	115,825
1/2	7,915	1/2	19,965	1/2	31,930	1/2	43,771	1/2	55,822	1/2	67,873	1/2	79,924	1/2	91,974	1/2	104,025	1/2	116,076
3/4	8,166	3/4	20,216	3/4	32,173	3/4	44,022	3/4	56,073	3/4	68,124	3/4	80,175	3/4	92,226	3/4	104,276	3/4	116,327
11	8,417	11	20,467	11	32,417	11	44,273	11	56,324	11	68,375	11	80,426	11	92,477	11	104,527	11	116,578
1/4	8,668	1/4	20,718	1/4	32,661	1/4	44,524	1/4	56,575	1/4	68,626	1/4	80,677	1/4	92,728	1/4	104,779	1/4	116,829
1/2	8,919	1/2	20,969	1/2	32,904	1/2	44,775	1/2	56,826	1/2	68,877	1/2	80,928	1/2	92,979	1/2	105,030	1/2	117,081
3/4	9,170	3/4	21,220	3/4	33,148	3/4	45,026	3/4	57,077	3/4	69,128	3/4	81,179	3/4	93,230	3/4	105,281	3/4	117,332

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 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
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BARGE "AFS 101"

2 CENTER INNAGE 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	117,583	0	129,634	0	141,638	0	153,621	0	165,523	0		0		0		0		0	
1/4	117,834	1/4	129,885	1/4	141,887	1/4	153,871	1/4	165,768	1/4		1/4		1/4		1/4		1/4	
1/2	118,085	1/2	130,136	1/2	142,137	1/2	154,121	1/2	166,013	1/2		1/2		1/2		1/2		1/2	
3/4	118,336	3/4	130,387	3/4	142,387	3/4	154,370	3/4	166,258	3/4		3/4		3/4		3/4		3/4	
1	118,587	1	130,638	1	142,636	1	154,620	1	166,502	1		1		1		1		1	
1/4	118,838	1/4	130,889	1/4	142,886	1/4	154,870	1/4	166,750	1/4		1/4		1/4		1/4		1/4	
1/2	119,089	1/2	131,140	1/2	143,136	1/2	155,119	1/2	166,997	1/2		1/2		1/2		1/2		1/2	
3/4	119,340	3/4	131,391	3/4	143,385	3/4	155,369	3/4	167,244	3/4		3/4		3/4		3/4		3/4	
2	119,591	2	131,642	2	143,635	2	155,619	2	167,491	2		2		2		2		2	
1/4	119,842	1/4	131,893	1/4	143,885	1/4	155,868	1/4	167,724	1/4		1/4		1/4		1/4		1/4	
1/2	120,093	1/2	132,144	1/2	144,134	1/2	156,118	1/2	167,956	1/2		1/2		1/2		1/2		1/2	
3/4	120,344	3/4	132,395	3/4	144,384	3/4	156,368	3/4	168,188	3/4		3/4		3/4		3/4		3/4	
3	120,595	3	132,646	3	144,634	3	156,617	3	168,420	3		3		3		3		3	
1/4	120,846	1/4	132,897	1/4	144,883	1/4	156,867	1/4	168,602	1/4		1/4		1/4		1/4		1/4	
1/2	121,097	1/2	133,147	1/2	145,133	1/2	157,117	1/2	168,784	1/2		1/2		1/2		1/2		1/2	
3/4	121,349	3/4	133,398	3/4	145,383	3/4	157,366	3/4	168,967	3/4		3/4		3/4		3/4		3/4	
4	121,600	4	133,648	4	145,632	4	157,616	4	169,149	4		4		4		4		4	
1/4	121,851	1/4	133,898	1/4	145,882	1/4	157,866	1/4	169,280	1/4		1/4		1/4		1/4		1/4	
1/2	122,102	1/2	134,148	1/2	146,132	1/2	158,115	1/2	169,412	1/2		1/2		1/2		1/2		1/2	
3/4	122,353	3/4	134,397	3/4	146,381	3/4	158,365	3/4	169,544	3/4		3/4		3/4		3/4		3/4	
5	122,604	5	134,647	5	146,631	5	158,615	5	169,676	5		5		5		5		5	
1/4	122,855	1/4	134,897	1/4	146,881	1/4	158,864	1/4	169,757	1/4		1/4		1/4		1/4		1/4	
1/2	123,106	1/2	135,146	1/2	147,130	1/2	159,114	1/2	169,839	1/2		1/2		1/2		1/2		1/2	
3/4	123,357	3/4	135,396	3/4	147,380	3/4	159,364	3/4	169,921	3/4		3/4		3/4		3/4		3/4	
6	123,608	6	135,646	6	147,630	6	159,613	6	170,002	6		6		6		6		6	
1/4	123,859	1/4	135,895	1/4	147,879	1/4	159,863	1/4	170,038	1/4		1/4		1/4		1/4		1/4	
1/2	124,110	1/2	136,145	1/2	148,129	1/2	160,113	1/2	170,075	1/2		1/2		1/2		1/2		1/2	
3/4	124,361	3/4	136,395	3/4	148,378	3/4	160,362	3/4	170,111	3/4		3/4		3/4		3/4		3/4	
7	124,612	7	136,644	7	148,628	7	160,612	7	170,147	7		7		7		7		7	
1/4	124,863	1/4	136,894	1/4	148,878	1/4	160,860	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,114	1/2	137,144	1/2	149,127	1/2	161,108	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,366	3/4	137,393	3/4	149,377	3/4	161,356	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,617	8	137,643	8	149,627	8	161,604	8		8		8		8		8		8	
1/4	125,868	1/4	137,893	1/4	149,876	1/4	161,848	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,119	1/2	138,142	1/2	150,126	1/2	162,093	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,370	3/4	138,392	3/4	150,376	3/4	162,338	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,621	9	138,642	9	150,625	9	162,583	9		9		9		9		9		9	
1/4	126,872	1/4	138,891	1/4	150,875	1/4	162,828	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,123	1/2	139,141	1/2	151,125	1/2	163,073	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,374	3/4	139,391	3/4	151,374	3/4	163,318	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,625	10	139,640	10	151,624	10	163,563	10		10		10		10		10		10	
1/4	127,876	1/4	139,890	1/4	151,874	1/4	163,808	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,127	1/2	140,140	1/2	152,123	1/2	164,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,378	3/4	140,389	3/4	152,373	3/4	164,298	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,629	11	140,639	11	152,623	11	164,543	11		11		11		11		11		11	
1/4	128,880	1/4	140,889	1/4	152,872	1/4	164,788	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,131	1/2	141,138	1/2	153,122	1/2	165,033	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,382	3/4	141,388	3/4	153,372	3/4	165,278	3/4		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.
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BARGE "AFS 101"

3 CENTER INNAGE 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	45	0	8,378	0	19,091	0	29,791	0	40,491	0	51,205	0	61,919	0	72,633	0	83,347	0	94,061
1/4	77	1/4	8,601	1/4	19,314	1/4	30,014	1/4	40,714	1/4	51,428	1/4	62,142	1/4	72,856	1/4	83,570	1/4	94,284
1/2	110	1/2	8,824	1/2	19,538	1/2	30,236	1/2	40,938	1/2	51,652	1/2	62,365	1/2	73,079	1/2	83,793	1/2	94,507
3/4	142	3/4	9,047	3/4	19,761	3/4	30,459	3/4	41,161	3/4	51,875	3/4	62,589	3/4	73,303	3/4	84,016	3/4	94,730
1	175	1	9,270	1	19,984	1	30,681	1	41,384	1	52,098	1	62,812	1	73,526	1	84,240	1	94,954
1/4	245	1/4	9,494	1/4	20,207	1/4	30,903	1/4	41,607	1/4	52,321	1/4	63,035	1/4	73,749	1/4	84,463	1/4	95,177
1/2	314	1/2	9,717	1/2	20,430	1/2	31,126	1/2	41,830	1/2	52,544	1/2	63,258	1/2	73,972	1/2	84,686	1/2	95,400
3/4	384	3/4	9,940	3/4	20,654	3/4	31,348	3/4	42,054	3/4	52,768	3/4	63,481	3/4	74,195	3/4	84,909	3/4	95,623
2	454	2	10,163	2	20,877	2	31,571	2	42,277	2	52,991	2	63,705	2	74,419	2	85,133	2	95,846
1/4	561	1/4	10,386	1/4	21,100	1/4	31,793	1/4	42,500	1/4	53,214	1/4	63,928	1/4	74,642	1/4	85,356	1/4	96,070
1/2	668	1/2	10,610	1/2	21,323	1/2	32,016	1/2	42,723	1/2	53,437	1/2	64,151	1/2	74,865	1/2	85,579	1/2	96,293
3/4	775	3/4	10,833	3/4	21,546	3/4	32,238	3/4	42,946	3/4	53,660	3/4	64,374	3/4	75,088	3/4	85,802	3/4	96,516
3	882	3	11,056	3	21,769	3	32,460	3	43,170	3	53,884	3	64,597	3	75,311	3	86,025	3	96,739
1/4	1,026	1/4	11,279	1/4	21,993	1/4	32,683	1/4	43,393	1/4	54,107	1/4	64,821	1/4	75,535	1/4	86,249	1/4	96,962
1/2	1,170	1/2	11,502	1/2	22,216	1/2	32,906	1/2	43,616	1/2	54,330	1/2	65,044	1/2	75,758	1/2	86,472	1/2	97,186
3/4	1,314	3/4	11,726	3/4	22,439	3/4	33,128	3/4	43,839	3/4	54,553	3/4	65,267	3/4	75,981	3/4	86,695	3/4	97,409
4	1,458	4	11,949	4	22,662	4	33,351	4	44,062	4	54,776	4	65,490	4	76,204	4	86,918	4	97,632
1/4	1,640	1/4	12,172	1/4	22,885	1/4	33,574	1/4	44,286	1/4	55,000	1/4	65,714	1/4	76,427	1/4	87,141	1/4	97,855
1/2	1,821	1/2	12,395	1/2	23,109	1/2	33,797	1/2	44,509	1/2	55,223	1/2	65,937	1/2	76,651	1/2	87,365	1/2	98,078
3/4	2,002	3/4	12,618	3/4	23,332	3/4	34,019	3/4	44,732	3/4	55,446	3/4	66,160	3/4	76,874	3/4	87,588	3/4	98,302
5	2,184	5	12,842	5	23,555	5	34,242	5	44,955	5	55,669	5	66,383	5	77,097	5	87,811	5	98,525
1/4	2,395	1/4	13,065	1/4	23,778	1/4	34,465	1/4	45,179	1/4	55,892	1/4	66,606	1/4	77,320	1/4	88,034	1/4	98,748
1/2	2,605	1/2	13,288	1/2	24,001	1/2	34,688	1/2	45,402	1/2	56,116	1/2	66,830	1/2	77,543	1/2	88,257	1/2	98,971
3/4	2,816	3/4	13,511	3/4	24,225	3/4	34,911	3/4	45,625	3/4	56,339	3/4	67,053	3/4	77,767	3/4	88,481	3/4	99,195
6	3,027	6	13,734	6	24,448	6	35,134	6	45,848	6	56,562	6	67,276	6	77,990	6	88,704	6	99,418
1/4	3,249	1/4	13,958	1/4	24,671	1/4	35,357	1/4	46,071	1/4	56,785	1/4	67,499	1/4	78,213	1/4	88,927	1/4	99,641
1/2	3,471	1/2	14,181	1/2	24,894	1/2	35,581	1/2	46,295	1/2	57,008	1/2	67,722	1/2	78,436	1/2	89,150	1/2	99,864
3/4	3,693	3/4	14,404	3/4	25,117	3/4	35,804	3/4	46,518	3/4	57,232	3/4	67,946	3/4	78,660	3/4	89,373	3/4	100,087
7	3,915	7	14,627	7	25,341	7	36,027	7	46,741	7	57,455	7	68,169	7	78,883	7	89,597	7	100,311
1/4	4,138	1/4	14,850	1/4	25,564	1/4	36,250	1/4	46,964	1/4	57,678	1/4	68,392	1/4	79,106	1/4	89,820	1/4	100,534
1/2	4,361	1/2	15,074	1/2	25,786	1/2	36,473	1/2	47,187	1/2	57,901	1/2	68,615	1/2	79,329	1/2	90,043	1/2	100,757
3/4	4,584	3/4	15,297	3/4	26,009	3/4	36,697	3/4	47,411	3/4	58,125	3/4	68,838	3/4	79,552	3/4	90,266	3/4	100,980
8	4,807	8	15,520	8	26,232	8	36,920	8	47,634	8	58,348	8	69,062	8	79,776	8	90,489	8	101,203
1/4	5,030	1/4	15,743	1/4	26,455	1/4	37,143	1/4	47,857	1/4	58,571	1/4	69,285	1/4	79,999	1/4	90,713	1/4	101,427
1/2	5,253	1/2	15,966	1/2	26,677	1/2	37,366	1/2	48,080	1/2	58,794	1/2	69,508	1/2	80,222	1/2	90,936	1/2	101,650
3/4	5,476	3/4	16,190	3/4	26,900	3/4	37,589	3/4	48,303	3/4	59,017	3/4	69,731	3/4	80,445	3/4	91,159	3/4	101,873
9	5,699	9	16,413	9	27,122	9	37,813	9	48,527	9	59,241	9	69,954	9	80,668	9	91,382	9	102,096
1/4	5,922	1/4	16,636	1/4	27,344	1/4	38,036	1/4	48,750	1/4	59,464	1/4	70,178	1/4	80,892	1/4	91,606	1/4	102,319
1/2	6,146	1/2	16,859	1/2	27,567	1/2	38,259	1/2	48,973	1/2	59,687	1/2	70,401	1/2	81,115	1/2	91,829	1/2	102,543
3/4	6,369	3/4	17,082	3/4	27,789	3/4	38,482	3/4	49,196	3/4	59,910	3/4	70,624	3/4	81,338	3/4	92,052	3/4	102,766
10	6,592	10	17,306	10	28,012	10	38,706	10	49,419	10	60,133	10	70,847	10	81,561	10	92,275	10	102,989
1/4	6,815	1/4	17,529	1/4	28,234	1/4	38,929	1/4	49,643	1/4	60,357	1/4	71,070	1/4	81,784	1/4	92,498	1/4	103,212
1/2	7,038	1/2	17,752	1/2	28,457	1/2	39,152	1/2	49,866	1/2	60,580	1/2	71,294	1/2	82,008	1/2	92,722	1/2	103,435
3/4	7,262	3/4	17,975	3/4	28,679	3/4	39,375	3/4	50,089	3/4	60,803	3/4	71,517	3/4	82,231	3/4	92,945	3/4	103,659
11	7,485	11	18,198	11	28,902	11	39,598	11	50,312	11	61,026	11	71,740	11	82,454	11	93,168	11	103,882
1/4	7,708	1/4	18,422	1/4	29,124	1/4	39,822	1/4	50,535	1/4	61,249	1/4	71,963	1/4	82,677	1/4	93,391	1/4	104,105
1/2	7,931	1/2	18,645	1/2	29,346	1/2	40,045	1/2	50,759	1/2	61,473	1/2	72,187	1/2	82,900	1/2	93,614	1/2	104,328
3/4	8,154	3/4	18,868	3/4	29,569	3/4	40,268	3/4	50,982	3/4	61,696	3/4	72,410	3/4	83,124	3/4	93,838	3/4	104,551

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 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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BARGE "AFS 101"

3 CENTER INNAGE 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	104,775	0	115,489	0	126,156	0	136,802	0	147,376	0		0		0		0		0	
1/4	104,998	1/4	115,712	1/4	126,377	1/4	137,024	1/4	147,594	1/4		1/4		1/4		1/4		1/4	
1/2	105,221	1/2	115,935	1/2	126,599	1/2	137,246	1/2	147,811	1/2		1/2		1/2		1/2		1/2	
3/4	105,444	3/4	116,158	3/4	126,821	3/4	137,468	3/4	148,029	3/4		3/4		3/4		3/4		3/4	
1	105,668	1	116,381	1	127,043	1	137,690	1	148,246	1		1		1		1		1	
1/4	105,891	1/4	116,605	1/4	127,265	1/4	137,912	1/4	148,466	1/4		1/4		1/4		1/4		1/4	
1/2	106,114	1/2	116,828	1/2	127,487	1/2	138,133	1/2	148,686	1/2		1/2		1/2		1/2		1/2	
3/4	106,337	3/4	117,051	3/4	127,708	3/4	138,355	3/4	148,906	3/4		3/4		3/4		3/4		3/4	
2	106,560	2	117,274	2	127,930	2	138,577	2	149,125	2		2		2		2		2	
1/4	106,784	1/4	117,497	1/4	128,152	1/4	138,799	1/4	149,332	1/4		1/4		1/4		1/4		1/4	
1/2	107,007	1/2	117,721	1/2	128,374	1/2	139,021	1/2	149,538	1/2		1/2		1/2		1/2		1/2	
3/4	107,230	3/4	117,944	3/4	128,596	3/4	139,242	3/4	149,745	3/4		3/4		3/4		3/4		3/4	
3	107,453	3	118,167	3	128,817	3	139,464	3	149,951	3		3		3		3		3	
1/4	107,676	1/4	118,390	1/4	129,039	1/4	139,686	1/4	150,113	1/4		1/4		1/4		1/4		1/4	
1/2	107,900	1/2	118,612	1/2	129,261	1/2	139,908	1/2	150,275	1/2		1/2		1/2		1/2		1/2	
3/4	108,123	3/4	118,835	3/4	129,483	3/4	140,130	3/4	150,437	3/4		3/4		3/4		3/4		3/4	
4	108,346	4	119,058	4	129,705	4	140,351	4	150,599	4		4		4		4		4	
1/4	108,569	1/4	119,280	1/4	129,926	1/4	140,573	1/4	150,716	1/4		1/4		1/4		1/4		1/4	
1/2	108,792	1/2	119,501	1/2	130,148	1/2	140,795	1/2	150,833	1/2		1/2		1/2		1/2		1/2	
3/4	109,016	3/4	119,723	3/4	130,370	3/4	141,017	3/4	150,950	3/4		3/4		3/4		3/4		3/4	
5	109,239	5	119,945	5	130,592	5	141,239	5	151,067	5		5		5		5		5	
1/4	109,462	1/4	120,167	1/4	130,814	1/4	141,460	1/4	151,140	1/4		1/4		1/4		1/4		1/4	
1/2	109,685	1/2	120,389	1/2	131,035	1/2	141,682	1/2	151,212	1/2		1/2		1/2		1/2		1/2	
3/4	109,908	3/4	120,610	3/4	131,257	3/4	141,904	3/4	151,285	3/4		3/4		3/4		3/4		3/4	
6	110,132	6	120,832	6	131,479	6	142,126	6	151,358	6		6		6		6		6	
1/4	110,355	1/4	121,054	1/4	131,701	1/4	142,348	1/4	151,390	1/4		1/4		1/4		1/4		1/4	
1/2	110,578	1/2	121,276	1/2	131,923	1/2	142,570	1/2	151,422	1/2		1/2		1/2		1/2		1/2	
3/4	110,801	3/4	121,498	3/4	132,145	3/4	142,791	3/4	151,454	3/4		3/4		3/4		3/4		3/4	
7	111,024	7	121,720	7	132,366	7	143,013	7	151,486	7		7		7		7		7	
1/4	111,248	1/4	121,941	1/4	132,588	1/4	143,233	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,471	1/2	122,163	1/2	132,810	1/2	143,454	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,694	3/4	122,385	3/4	133,032	3/4	143,674	3/4		3/4		3/4		3/4		3/4		3/4	
8	111,917	8	122,607	8	133,254	8	143,894	8		8		8		8		8		8	
1/4	112,141	1/4	122,829	1/4	133,475	1/4	144,112	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,364	1/2	123,050	1/2	133,697	1/2	144,329	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,587	3/4	123,272	3/4	133,919	3/4	144,547	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,810	9	123,494	9	134,141	9	144,765	9		9		9		9		9		9	
1/4	113,033	1/4	123,716	1/4	134,363	1/4	144,982	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,257	1/2	123,938	1/2	134,584	1/2	145,200	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,480	3/4	124,159	3/4	134,806	3/4	145,417	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,703	10	124,381	10	135,028	10	145,635	10		10		10		10		10		10	
1/4	113,926	1/4	124,603	1/4	135,250	1/4	145,853	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,149	1/2	124,825	1/2	135,472	1/2	146,070	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,373	3/4	125,047	3/4	135,693	3/4	146,288	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,596	11	125,268	11	135,915	11	146,505	11		11		11		11		11		11	
1/4	114,819	1/4	125,490	1/4	136,137	1/4	146,723	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,042	1/2	125,712	1/2	136,359	1/2	146,941	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,265	3/4	125,934	3/4	136,581	3/4	147,158	3/4		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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