



# BARGE "HSM 3026"

## ULLAGE TRIM TABLE "MMC" GAUGE

	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 PORT	- 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
1 STBD	- 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
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 3 PORT IS 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

November 4, 2019

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

<http://www.pmacorp.net>



# BARGE "HSM 3026"

## ULLAGE TRIM TABLE 8" GAUGE HATCH

	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 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-2/8	00-2/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 3 PORT IS 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

November 4, 2019

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

<http://www.pmacorp.net>



# BARGE "HSM 3026"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	199,831	0	184,856	0	169,865	0	154,845	0	139,825	0	124,805	0	109,784	0	94,759
1/4		1/4		1/4	199,521	1/4	184,544	1/4	169,552	1/4	154,532	1/4	139,512	1/4	124,492	1/4	109,472	1/4	94,446
1/2		1/2		1/2	199,209	1/2	184,232	1/2	169,239	1/2	154,219	1/2	139,199	1/2	124,179	1/2	109,159	1/2	94,133
3/4		3/4		3/4	198,897	3/4	183,920	3/4	168,926	3/4	153,906	3/4	138,886	3/4	123,866	3/4	108,846	3/4	93,820
1		1		1	198,585	1	183,608	1	168,613	1	153,593	1	138,573	1	123,553	1	108,533	1	93,507
1/4		1/4		1/4	198,273	1/4	183,296	1/4	168,300	1/4	153,280	1/4	138,260	1/4	123,240	1/4	108,220	1/4	93,194
1/2		1/2		1/2	197,961	1/2	182,984	1/2	167,987	1/2	152,967	1/2	137,947	1/2	122,927	1/2	107,907	1/2	92,881
3/4		3/4		3/4	197,649	3/4	182,672	3/4	167,674	3/4	152,654	3/4	137,634	3/4	122,614	3/4	107,594	3/4	92,568
2		2		2	197,337	2	182,360	2	167,361	2	152,341	2	137,321	2	122,301	2	107,281	2	92,254
1/4		1/4		1/4	210,950	1/4	197,024	1/4	182,048	1/4	167,048	1/4	152,028	1/4	137,008	1/4	121,988	1/4	106,968
1/2		1/2		1/2	210,770	1/2	196,712	1/2	181,736	1/2	166,735	1/2	151,715	1/2	136,695	1/2	121,675	1/2	106,655
3/4		3/4		3/4	210,591	3/4	196,400	3/4	181,424	3/4	166,423	3/4	151,402	3/4	136,382	3/4	121,362	3/4	106,342
3		3		3	210,411	3	196,088	3	181,112	3	166,110	3	151,090	3	136,070	3	121,049	3	106,029
1/4		1/4		1/4	210,232	1/4	195,776	1/4	180,800	1/4	165,797	1/4	150,777	1/4	135,757	1/4	120,737	1/4	105,716
1/2		1/2		1/2	210,000	1/2	195,464	1/2	180,488	1/2	165,484	1/2	150,464	1/2	135,444	1/2	120,424	1/2	105,403
3/4		3/4		3/4	209,768	3/4	195,152	3/4	180,176	3/4	165,171	3/4	150,151	3/4	135,131	3/4	120,111	3/4	105,090
4		4		4	209,537	4	194,840	4	179,864	4	164,858	4	149,838	4	134,818	4	119,798	4	104,777
1/4		1/4		1/4	209,305	1/4	194,528	1/4	179,552	1/4	164,545	1/4	149,525	1/4	134,505	1/4	119,485	1/4	104,464
1/2		1/2		1/2	209,025	1/2	194,216	1/2	179,240	1/2	164,232	1/2	149,212	1/2	134,192	1/2	119,172	1/2	104,150
3/4		3/4		3/4	208,745	3/4	193,904	3/4	178,928	3/4	163,919	3/4	148,899	3/4	133,879	3/4	118,859	3/4	103,837
5		5		5	208,464	5	193,592	5	178,616	5	163,606	5	148,586	5	133,566	5	118,546	5	103,524
1/4		1/4		1/4	208,184	1/4	193,280	1/4	178,304	1/4	163,293	1/4	148,273	1/4	133,253	1/4	118,233	1/4	103,211
1/2		1/2		1/2	207,878	1/2	192,968	1/2	177,992	1/2	162,980	1/2	147,960	1/2	132,940	1/2	117,920	1/2	102,898
3/4		3/4		3/4	207,573	3/4	192,656	3/4	177,680	3/4	162,667	3/4	147,647	3/4	132,627	3/4	117,607	3/4	102,585
6		6		6	207,267	6	192,344	6	177,368	6	162,355	6	147,335	6	132,315	6	117,294	6	102,272
1/4		1/4		1/4	206,961	1/4	192,032	1/4	177,056	1/4	162,042	1/4	147,022	1/4	132,002	1/4	116,982	1/4	101,959
1/2		1/2		1/2	206,652	1/2	191,720	1/2	176,744	1/2	161,729	1/2	146,709	1/2	131,689	1/2	116,669	1/2	101,646
3/4		3/4		3/4	206,342	3/4	191,408	3/4	176,432	3/4	161,416	3/4	146,396	3/4	131,376	3/4	116,356	3/4	101,333
7		7		7	206,033	7	191,096	7	176,120	7	161,103	7	146,083	7	131,063	7	116,043	7	101,020
1/4		1/4		1/4	205,723	1/4	190,784	1/4	175,808	1/4	160,790	1/4	145,770	1/4	130,750	1/4	115,730	1/4	100,707
1/2		1/2		1/2	205,413	1/2	190,472	1/2	175,496	1/2	160,477	1/2	145,457	1/2	130,437	1/2	115,417	1/2	100,394
3/4		3/4		3/4	205,103	3/4	190,160	3/4	175,183	3/4	160,164	3/4	145,144	3/4	130,124	3/4	115,104	3/4	100,081
8		8		8	204,793	8	189,848	8	174,871	8	159,851	8	144,831	8	129,811	8	114,791	8	99,768
1/4		1/4		1/4	204,483	1/4	189,536	1/4	174,558	1/4	159,538	1/4	144,518	1/4	129,498	1/4	114,478	1/4	99,455
1/2		1/2		1/2	204,173	1/2	189,224	1/2	174,245	1/2	159,225	1/2	144,205	1/2	129,185	1/2	114,165	1/2	99,142
3/4		3/4		3/4	203,863	3/4	188,912	3/4	173,933	3/4	158,912	3/4	143,892	3/4	128,872	3/4	113,852	3/4	98,829
9		9		9	203,553	9	188,600	9	173,620	9	158,600	9	143,580	9	128,560	9	113,539	9	98,516
1/4		1/4		1/4	203,243	1/4	188,288	1/4	173,307	1/4	158,287	1/4	143,267	1/4	128,247	1/4	113,227	1/4	98,202
1/2		1/2		1/2	202,934	1/2	187,976	1/2	172,994	1/2	157,974	1/2	142,954	1/2	127,934	1/2	112,914	1/2	97,889
3/4		3/4		3/4	202,624	3/4	187,664	3/4	172,681	3/4	157,661	3/4	142,641	3/4	127,621	3/4	112,601	3/4	97,576
10		10		10	202,314	10	187,352	10	172,368	10	157,348	10	142,328	10	127,308	10	112,288	10	97,263
1/4		1/4		1/4	202,004	1/4	187,040	1/4	172,055	1/4	157,035	1/4	142,015	1/4	126,995	1/4	111,975	1/4	96,950
1/2		1/2		1/2	201,694	1/2	186,728	1/2	171,742	1/2	156,722	1/2	141,702	1/2	126,682	1/2	111,662	1/2	96,637
3/4		3/4		3/4	201,384	3/4	186,416	3/4	171,429	3/4	156,409	3/4	141,389	3/4	126,369	3/4	111,349	3/4	96,324
11		11		11	201,074	11	186,104	11	171,116	11	156,096	11	141,076	11	126,056	11	111,036	11	96,011
1/4		1/4		1/4	200,764	1/4	185,792	1/4	170,803	1/4	155,783	1/4	140,763	1/4	125,743	1/4	110,723	1/4	95,698
1/2		1/2		1/2	200,453	1/2	185,480	1/2	170,490	1/2	155,470	1/2	140,450	1/2	125,430	1/2	110,410	1/2	95,385
3/4		3/4		3/4	200,142	3/4	185,168	3/4	170,178	3/4	155,157	3/4	140,137	3/4	125,117	3/4	110,097	3/4	95,072

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 OR 8" HATCH.  
 GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.  
 GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-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 "HSM 3026"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	79,732	0	64,706	0	49,780	0	34,758	0	19,732	0	5,519	0		0		0		0	
1/4	79,419	1/4	64,393	1/4	49,468	1/4	34,445	1/4	19,419	1/4	5,244	1/4		1/4		1/4		1/4	
1/2	79,106	1/2	64,082	1/2	49,156	1/2	34,132	1/2	19,106	1/2	4,974	1/2		1/2		1/2		1/2	
3/4	78,793	3/4	63,770	3/4	48,843	3/4	33,819	3/4	18,793	3/4	4,703	3/4		3/4		3/4		3/4	
1	78,480	1	63,458	1	48,531	1	33,506	1	18,480	1	4,432	1		1		1		1	
1/4	78,167	1/4	63,146	1/4	48,219	1/4	33,193	1/4	18,167	1/4	4,162	1/4		1/4		1/4		1/4	
1/2	77,854	1/2	62,835	1/2	47,906	1/2	32,880	1/2	17,854	1/2	3,895	1/2		1/2		1/2		1/2	
3/4	77,541	3/4	62,525	3/4	47,593	3/4	32,567	3/4	17,542	3/4	3,629	3/4		3/4		3/4		3/4	
2	77,228	2	62,214	2	47,280	2	32,254	2	17,230	2	3,362	2		2		2		2	
1/4	76,915	1/4	61,903	1/4	46,967	1/4	31,940	1/4	16,918	1/4	3,096	1/4		1/4		1/4		1/4	
1/2	76,602	1/2	61,592	1/2	46,653	1/2	31,627	1/2	16,609	1/2	2,834	1/2		1/2		1/2		1/2	
3/4	76,289	3/4	61,281	3/4	46,340	3/4	31,314	3/4	16,300	3/4	2,572	3/4		3/4		3/4		3/4	
3	75,976	3	60,971	3	46,027	3	31,001	3	15,991	3	2,310	3		3		3		3	
1/4	75,663	1/4	60,660	1/4	45,714	1/4	30,688	1/4	15,681	1/4	2,048	1/4		1/4		1/4		1/4	
1/2	75,350	1/2	60,349	1/2	45,401	1/2	30,375	1/2	15,376	1/2	1,809	1/2		1/2		1/2		1/2	
3/4	75,037	3/4	60,039	3/4	45,088	3/4	30,062	3/4	15,071	3/4	1,570	3/4		3/4		3/4		3/4	
4	74,724	4	59,728	4	44,775	4	29,749	4	14,765	4	1,332	4		4		4		4	
1/4	74,410	1/4	59,417	1/4	44,462	1/4	29,436	1/4	14,460	1/4	1,093	1/4		1/4		1/4		1/4	
1/2	74,097	1/2	59,107	1/2	44,149	1/2	29,123	1/2	14,159	1/2	916	1/2		1/2		1/2		1/2	
3/4	73,784	3/4	58,796	3/4	43,836	3/4	28,810	3/4	13,857	3/4	739	3/4		3/4		3/4		3/4	
5	73,471	5	58,485	5	43,523	5	28,497	5	13,556	5	562	5		5		5		5	
1/4	73,158	1/4	58,174	1/4	43,210	1/4	28,184	1/4	13,254	1/4	385	1/4		1/4		1/4		1/4	
1/2	72,845	1/2	57,864	1/2	42,897	1/2	27,871	1/2	12,957	1/2		1/2		1/2		1/2		1/2	
3/4	72,532	3/4	57,553	3/4	42,584	3/4	27,558	3/4	12,659	3/4		3/4		3/4		3/4		3/4	
6	72,219	6	57,242	6	42,271	6	27,245	6	12,361	6		6		6		6		6	
1/4	71,906	1/4	56,932	1/4	41,958	1/4	26,932	1/4	12,064	1/4		1/4		1/4		1/4		1/4	
1/2	71,593	1/2	56,621	1/2	41,645	1/2	26,619	1/2	11,770	1/2		1/2		1/2		1/2		1/2	
3/4	71,280	3/4	56,310	3/4	41,332	3/4	26,306	3/4	11,476	3/4		3/4		3/4		3/4		3/4	
7	70,967	7	56,000	7	41,019	7	25,993	7	11,182	7		7		7		7		7	
1/4	70,654	1/4	55,689	1/4	40,706	1/4	25,680	1/4	10,889	1/4		1/4		1/4		1/4		1/4	
1/2	70,341	1/2	55,378	1/2	40,393	1/2	25,367	1/2	10,599	1/2		1/2		1/2		1/2		1/2	
3/4	70,028	3/4	55,068	3/4	40,080	3/4	25,054	3/4	10,309	3/4		3/4		3/4		3/4		3/4	
8	69,715	8	54,757	8	39,767	8	24,740	8	10,019	8		8		8		8		8	
1/4	69,402	1/4	54,446	1/4	39,454	1/4	24,427	1/4	9,729	1/4		1/4		1/4		1/4		1/4	
1/2	69,089	1/2	54,136	1/2	39,140	1/2	24,114	1/2	9,443	1/2		1/2		1/2		1/2		1/2	
3/4	68,776	3/4	53,825	3/4	38,827	3/4	23,801	3/4	9,157	3/4		3/4		3/4		3/4		3/4	
9	68,462	9	53,514	9	38,514	9	23,488	9	8,871	9		9		9		9		9	
1/4	68,149	1/4	53,204	1/4	38,201	1/4	23,175	1/4	8,585	1/4		1/4		1/4		1/4		1/4	
1/2	67,836	1/2	52,893	1/2	37,888	1/2	22,862	1/2	8,302	1/2		1/2		1/2		1/2		1/2	
3/4	67,523	3/4	52,582	3/4	37,575	3/4	22,549	3/4	8,020	3/4		3/4		3/4		3/4		3/4	
10	67,210	10	52,271	10	37,262	10	22,236	10	7,738	10		10		10		10		10	
1/4	66,897	1/4	51,960	1/4	36,949	1/4	21,923	1/4	7,456	1/4		1/4		1/4		1/4		1/4	
1/2	66,584	1/2	51,649	1/2	36,636	1/2	21,610	1/2	7,177	1/2		1/2		1/2		1/2		1/2	
3/4	66,271	3/4	51,337	3/4	36,323	3/4	21,297	3/4	6,899	3/4		3/4		3/4		3/4		3/4	
11	65,958	11	51,026	11	36,010	11	20,984	11	6,621	11		11		11		11		11	
1/4	65,645	1/4	50,714	1/4	35,697	1/4	20,671	1/4	6,342	1/4		1/4		1/4		1/4		1/4	
1/2	65,332	1/2	50,403	1/2	35,384	1/2	20,358	1/2	6,068	1/2		1/2		1/2		1/2		1/2	
3/4	65,019	3/4	50,091	3/4	35,071	3/4	20,045	3/4	5,793	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 JS  
CALCULATED: 11/05/2019 CL  
PRINTED: 11/05/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "HSM 3026"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

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	199,639	0	184,661	0	169,667	0	154,645	0	139,623	0	124,602	0	109,580	0	94,553
1/4		1/4		1/4	199,327	1/4	184,349	1/4	169,354	1/4	154,332	1/4	139,310	1/4	124,289	1/4	109,267	1/4	94,240
1/2		1/2		1/2	199,015	1/2	184,037	1/2	169,041	1/2	154,019	1/2	138,997	1/2	123,976	1/2	108,954	1/2	93,927
3/4		3/4		3/4	198,703	3/4	183,725	3/4	168,728	3/4	153,706	3/4	138,684	3/4	123,663	3/4	108,641	3/4	93,614
1		1		1	198,391	1	183,413	1	168,415	1	153,393	1	138,371	1	123,350	1	108,328	1	93,300
1/4		1/4		1/4	198,079	1/4	183,101	1/4	168,102	1/4	153,080	1/4	138,058	1/4	123,037	1/4	108,015	1/4	92,987
1/2		1/2		1/2	197,767	1/2	182,789	1/2	167,789	1/2	152,767	1/2	137,745	1/2	122,724	1/2	107,702	1/2	92,674
3/4		3/4		3/4	197,455	3/4	182,477	3/4	167,476	3/4	152,454	3/4	137,432	3/4	122,411	3/4	107,389	3/4	92,361
2		2	211,070	2	197,143	2	182,165	2	167,163	2	152,141	2	137,120	2	122,098	2	107,076	2	92,048
1/4		1/4	210,890	1/4	196,831	1/4	181,853	1/4	166,850	1/4	151,828	1/4	136,807	1/4	121,785	1/4	106,763	1/4	91,735
1/2		1/2	210,711	1/2	196,519	1/2	181,541	1/2	166,537	1/2	151,515	1/2	136,494	1/2	121,472	1/2	106,450	1/2	91,422
3/4		3/4	210,531	3/4	196,207	3/4	181,229	3/4	166,224	3/4	151,202	3/4	136,181	3/4	121,159	3/4	106,137	3/4	91,109
3		3	210,352	3	195,895	3	180,917	3	165,911	3	150,890	3	135,868	3	120,846	3	105,824	3	90,796
1/4		1/4	210,120	1/4	195,583	1/4	180,605	1/4	165,598	1/4	150,577	1/4	135,555	1/4	120,533	1/4	105,511	1/4	90,483
1/2		1/2	209,888	1/2	195,271	1/2	180,293	1/2	165,285	1/2	150,264	1/2	135,242	1/2	120,220	1/2	105,198	1/2	90,170
3/4		3/4	209,656	3/4	194,959	3/4	179,981	3/4	164,972	3/4	149,951	3/4	134,929	3/4	119,907	3/4	104,885	3/4	89,857
4		4	209,425	4	194,647	4	179,669	4	164,660	4	149,638	4	134,616	4	119,594	4	104,571	4	89,543
1/4		1/4	209,144	1/4	194,334	1/4	179,356	1/4	164,347	1/4	149,325	1/4	134,303	1/4	119,281	1/4	104,258	1/4	89,230
1/2		1/2	208,864	1/2	194,022	1/2	179,044	1/2	164,034	1/2	149,012	1/2	133,990	1/2	118,968	1/2	103,945	1/2	88,917
3/4		3/4	208,584	3/4	193,710	3/4	178,732	3/4	163,721	3/4	148,699	3/4	133,677	3/4	118,656	3/4	103,632	3/4	88,604
5		5	208,304	5	193,398	5	178,420	5	163,408	5	148,386	5	133,364	5	118,343	5	103,319	5	88,291
1/4		1/4	207,998	1/4	193,086	1/4	178,108	1/4	163,095	1/4	148,073	1/4	133,051	1/4	118,030	1/4	103,006	1/4	87,978
1/2		1/2	207,692	1/2	192,774	1/2	177,796	1/2	162,782	1/2	147,760	1/2	132,738	1/2	117,717	1/2	102,693	1/2	87,665
3/4		3/4	207,386	3/4	192,462	3/4	177,484	3/4	162,469	3/4	147,447	3/4	132,425	3/4	117,404	3/4	102,380	3/4	87,352
6		6	207,081	6	192,150	6	177,172	6	162,156	6	147,134	6	132,112	6	117,091	6	102,067	6	87,039
1/4		1/4	206,771	1/4	191,838	1/4	176,860	1/4	161,843	1/4	146,821	1/4	131,799	1/4	116,778	1/4	101,754	1/4	86,726
1/2		1/2	206,462	1/2	191,526	1/2	176,548	1/2	161,530	1/2	146,508	1/2	131,486	1/2	116,465	1/2	101,441	1/2	86,413
3/4		3/4	206,152	3/4	191,214	3/4	176,236	3/4	161,217	3/4	146,195	3/4	131,173	3/4	116,152	3/4	101,128	3/4	86,099
7		7	205,842	7	190,902	7	175,924	7	160,904	7	145,882	7	130,861	7	115,839	7	100,814	7	85,786
1/4		1/4	205,533	1/4	190,590	1/4	175,612	1/4	160,591	1/4	145,569	1/4	130,548	1/4	115,526	1/4	100,501	1/4	85,473
1/2		1/2	205,223	1/2	190,278	1/2	175,299	1/2	160,278	1/2	145,256	1/2	130,235	1/2	115,213	1/2	100,188	1/2	85,160
3/4		3/4	204,913	3/4	189,966	3/4	174,987	3/4	159,965	3/4	144,943	3/4	129,922	3/4	114,900	3/4	99,875	3/4	84,847
8		8	204,603	8	189,654	8	174,674	8	159,652	8	144,630	8	129,609	8	114,587	8	99,562	8	84,534
1/4		1/4	204,293	1/4	189,342	1/4	174,361	1/4	159,339	1/4	144,317	1/4	129,296	1/4	114,274	1/4	99,249	1/4	84,221
1/2		1/2	203,983	1/2	189,030	1/2	174,048	1/2	159,026	1/2	144,005	1/2	128,983	1/2	113,961	1/2	98,936	1/2	83,908
3/4		3/4	203,673	3/4	188,718	3/4	173,735	3/4	158,713	3/4	143,692	3/4	128,670	3/4	113,648	3/4	98,623	3/4	83,595
9		9	203,363	9	188,406	9	173,422	9	158,400	9	143,379	9	128,357	9	113,335	9	98,310	9	83,282
1/4		1/4	203,053	1/4	188,094	1/4	173,109	1/4	158,087	1/4	143,066	1/4	128,044	1/4	113,022	1/4	97,997	1/4	82,969
1/2		1/2	202,743	1/2	187,782	1/2	172,796	1/2	157,775	1/2	142,753	1/2	127,731	1/2	112,709	1/2	97,684	1/2	82,656
3/4		3/4	202,433	3/4	187,470	3/4	172,483	3/4	157,462	3/4	142,440	3/4	127,418	3/4	112,397	3/4	97,371	3/4	82,342
10		10	202,123	10	187,158	10	172,170	10	157,149	10	142,127	10	127,105	10	112,084	10	97,057	10	82,029
1/4		1/4	201,813	1/4	186,845	1/4	171,857	1/4	156,836	1/4	141,814	1/4	126,792	1/4	111,771	1/4	96,744	1/4	81,716
1/2		1/2	201,503	1/2	186,533	1/2	171,545	1/2	156,523	1/2	141,501	1/2	126,479	1/2	111,458	1/2	96,431	1/2	81,403
3/4		3/4	201,193	3/4	186,221	3/4	171,232	3/4	156,210	3/4	141,188	3/4	126,166	3/4	111,145	3/4	96,118	3/4	81,090
11		11	200,883	11	185,909	11	170,919	11	155,897	11	140,875	11	125,853	11	110,832	11	95,805	11	80,777
1/4		1/4	200,572	1/4	185,597	1/4	170,606	1/4	155,584	1/4	140,562	1/4	125,540	1/4	110,519	1/4	95,492	1/4	80,464
1/2		1/2	200,261	1/2	185,285	1/2	170,293	1/2	155,271	1/2	140,249	1/2	125,227	1/2	110,206	1/2	95,179	1/2	80,151
3/4		3/4	199,950	3/4	184,973	3/4	169,980	3/4	154,958	3/4	139,936	3/4	124,915	3/4	109,893	3/4	94,866	3/4	79,838

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 OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-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 "HSM 3026"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

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	79,525	0	64,497	0	49,476	0	34,448	0	19,421	0	5,245	0		0		0		0	
1/4	79,212	1/4	64,184	1/4	49,163	1/4	34,135	1/4	19,108	1/4	4,974	1/4		1/4		1/4		1/4	
1/2	78,899	1/2	63,870	1/2	48,850	1/2	33,822	1/2	18,795	1/2	4,704	1/2		1/2		1/2		1/2	
3/4	78,585	3/4	63,557	3/4	48,537	3/4	33,509	3/4	18,482	3/4	4,433	3/4		3/4		3/4		3/4	
1	78,272	1	63,244	1	48,224	1	33,196	1	18,169	1	4,162	1		1		1		1	
1/4	77,959	1/4	62,931	1/4	47,911	1/4	32,883	1/4	17,856	1/4	3,896	1/4		1/4		1/4		1/4	
1/2	77,646	1/2	62,618	1/2	47,598	1/2	32,570	1/2	17,544	1/2	3,629	1/2		1/2		1/2		1/2	
3/4	77,333	3/4	62,305	3/4	47,285	3/4	32,257	3/4	17,232	3/4	3,363	3/4		3/4		3/4		3/4	
2	77,020	2	61,992	2	46,971	2	31,944	2	16,920	2	3,096	2		2		2		2	
1/4	76,707	1/4	61,679	1/4	46,658	1/4	31,631	1/4	16,611	1/4	2,834	1/4		1/4		1/4		1/4	
1/2	76,394	1/2	61,366	1/2	46,345	1/2	31,318	1/2	16,302	1/2	2,572	1/2		1/2		1/2		1/2	
3/4	76,081	3/4	61,053	3/4	46,032	3/4	31,005	3/4	15,992	3/4	2,310	3/4		3/4		3/4		3/4	
3	75,768	3	60,741	3	45,719	3	30,692	3	15,683	3	2,048	3		3		3		3	
1/4	75,455	1/4	60,428	1/4	45,406	1/4	30,378	1/4	15,378	1/4	1,809	1/4		1/4		1/4		1/4	
1/2	75,142	1/2	60,115	1/2	45,093	1/2	30,065	1/2	15,072	1/2	1,571	1/2		1/2		1/2		1/2	
3/4	74,828	3/4	59,802	3/4	44,780	3/4	29,752	3/4	14,767	3/4	1,332	3/4		3/4		3/4		3/4	
4	74,515	4	59,489	4	44,467	4	29,439	4	14,462	4	1,093	4		4		4		4	
1/4	74,202	1/4	59,176	1/4	44,154	1/4	29,126	1/4	14,160	1/4	916	1/4		1/4		1/4		1/4	
1/2	73,889	1/2	58,863	1/2	43,841	1/2	28,813	1/2	13,859	1/2	739	1/2		1/2		1/2		1/2	
3/4	73,576	3/4	58,551	3/4	43,528	3/4	28,500	3/4	13,557	3/4	562	3/4		3/4		3/4		3/4	
5	73,263	5	58,238	5	43,215	5	28,187	5	13,256	5	385	5		5		5		5	
1/4	72,950	1/4	57,925	1/4	42,901	1/4	27,874	1/4	12,958	1/4		1/4		1/4		1/4		1/4	
1/2	72,637	1/2	57,612	1/2	42,588	1/2	27,561	1/2	12,660	1/2		1/2		1/2		1/2		1/2	
3/4	72,324	3/4	57,299	3/4	42,275	3/4	27,248	3/4	12,363	3/4		3/4		3/4		3/4		3/4	
6	72,011	6	56,986	6	41,962	6	26,935	6	12,065	6		6		6		6		6	
1/4	71,698	1/4	56,673	1/4	41,649	1/4	26,622	1/4	11,771	1/4		1/4		1/4		1/4		1/4	
1/2	71,385	1/2	56,361	1/2	41,336	1/2	26,308	1/2	11,477	1/2		1/2		1/2		1/2		1/2	
3/4	71,071	3/4	56,048	3/4	41,023	3/4	25,995	3/4	11,184	3/4		3/4		3/4		3/4		3/4	
7	70,758	7	55,735	7	40,710	7	25,682	7	10,890	7		7		7		7		7	
1/4	70,445	1/4	55,422	1/4	40,397	1/4	25,369	1/4	10,600	1/4		1/4		1/4		1/4		1/4	
1/2	70,132	1/2	55,109	1/2	40,084	1/2	25,056	1/2	10,310	1/2		1/2		1/2		1/2		1/2	
3/4	69,819	3/4	54,796	3/4	39,771	3/4	24,743	3/4	10,020	3/4		3/4		3/4		3/4		3/4	
8	69,506	8	54,483	8	39,458	8	24,430	8	9,730	8		8		8		8		8	
1/4	69,193	1/4	54,171	1/4	39,145	1/4	24,117	1/4	9,444	1/4		1/4		1/4		1/4		1/4	
1/2	68,880	1/2	53,858	1/2	38,831	1/2	23,804	1/2	9,158	1/2		1/2		1/2		1/2		1/2	
3/4	68,567	3/4	53,545	3/4	38,518	3/4	23,491	3/4	8,872	3/4		3/4		3/4		3/4		3/4	
9	68,254	9	53,232	9	38,205	9	23,178	9	8,586	9		9		9		9		9	
1/4	67,941	1/4	52,919	1/4	37,892	1/4	22,865	1/4	8,303	1/4		1/4		1/4		1/4		1/4	
1/2	67,627	1/2	52,606	1/2	37,579	1/2	22,552	1/2	8,021	1/2		1/2		1/2		1/2		1/2	
3/4	67,314	3/4	52,293	3/4	37,266	3/4	22,238	3/4	7,739	3/4		3/4		3/4		3/4		3/4	
10	67,001	10	51,980	10	36,953	10	21,925	10	7,457	10		10		10		10		10	
1/4	66,688	1/4	51,667	1/4	36,640	1/4	21,612	1/4	7,178	1/4		1/4		1/4		1/4		1/4	
1/2	66,375	1/2	51,354	1/2	36,327	1/2	21,299	1/2	6,900	1/2		1/2		1/2		1/2		1/2	
3/4	66,062	3/4	51,041	3/4	36,014	3/4	20,986	3/4	6,622	3/4		3/4		3/4		3/4		3/4	
11	65,749	11	50,728	11	35,701	11	20,673	11	6,343	11		11		11		11		11	
1/4	65,436	1/4	50,415	1/4	35,388	1/4	20,360	1/4	6,069	1/4		1/4		1/4		1/4		1/4	
1/2	65,123	1/2	50,102	1/2	35,075	1/2	20,047	1/2	5,794	1/2		1/2		1/2		1/2		1/2	
3/4	64,810	3/4	49,789	3/4	34,762	3/4	19,734	3/4	5,520	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 JS  
CALCULATED: 11/05/2019 CL  
PRINTED: 11/05/2019 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 "HSM 3026"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	202,033	0	187,008	0	171,964	0	156,887	0	141,809	0	126,732	0	111,655	0	96,571
1/4		1/4		1/4	201,721	1/4	186,695	1/4	171,650	1/4	156,573	1/4	141,495	1/4	126,418	1/4	111,341	1/4	96,257
1/2		1/2		1/2	201,408	1/2	186,382	1/2	171,336	1/2	156,258	1/2	141,181	1/2	126,104	1/2	111,026	1/2	95,942
3/4		3/4		3/4	201,095	3/4	186,069	3/4	171,022	3/4	155,944	3/4	140,867	3/4	125,790	3/4	110,712	3/4	95,628
1		1		1	200,782	1	185,756	1	170,708	1	155,630	1	140,553	1	125,476	1	110,398	1	95,314
1/4		1/4		1/4	200,469	1/4	185,443	1/4	170,393	1/4	155,316	1/4	140,239	1/4	125,161	1/4	110,084	1/4	94,999
1/2		1/2		1/2	200,156	1/2	185,130	1/2	170,079	1/2	155,002	1/2	139,925	1/2	124,847	1/2	109,770	1/2	94,685
3/4		3/4		3/4	199,843	3/4	184,817	3/4	169,765	3/4	154,688	3/4	139,611	3/4	124,533	3/4	109,456	3/4	94,371
2		2		2	199,530	2	184,504	2	169,451	2	154,374	2	139,296	2	124,219	2	109,141	2	94,057
1/4		1/4		1/4	213,153	1/4	199,217	1/4	184,191	1/4	169,137	1/4	154,060	1/4	138,982	1/4	123,905	1/4	108,827
1/2		1/2		1/2	212,974	1/2	198,904	1/2	183,878	1/2	168,823	1/2	153,746	1/2	138,668	1/2	123,591	1/2	108,513
3/4		3/4		3/4	212,795	3/4	198,591	3/4	183,565	3/4	168,509	3/4	153,431	3/4	138,354	3/4	123,277	3/4	108,199
3		3		3	212,616	3	198,278	3	183,252	3	168,195	3	153,117	3	138,040	3	122,963	3	107,884
1/4		1/4		1/4	212,436	1/4	197,965	1/4	182,939	1/4	167,881	1/4	152,803	1/4	137,726	1/4	122,649	1/4	107,570
1/2		1/2		1/2	212,205	1/2	197,652	1/2	182,626	1/2	167,566	1/2	152,489	1/2	137,412	1/2	122,334	1/2	107,256
3/4		3/4		3/4	211,973	3/4	197,339	3/4	182,313	3/4	167,252	3/4	152,175	3/4	137,098	3/4	122,020	3/4	106,942
4		4		4	211,742	4	197,026	4	182,000	4	166,938	4	151,861	4	136,784	4	121,706	4	106,627
1/4		1/4		1/4	211,510	1/4	196,713	1/4	181,687	1/4	166,624	1/4	151,547	1/4	136,469	1/4	121,392	1/4	106,313
1/2		1/2		1/2	211,230	1/2	196,400	1/2	181,374	1/2	166,310	1/2	151,233	1/2	136,155	1/2	121,078	1/2	105,999
3/4		3/4		3/4	210,950	3/4	196,087	3/4	181,060	3/4	165,996	3/4	150,919	3/4	135,841	3/4	120,764	3/4	105,685
5		5		5	210,670	5	195,774	5	180,747	5	165,682	5	150,604	5	135,527	5	120,450	5	105,370
1/4		1/4		1/4	210,390	1/4	195,461	1/4	180,434	1/4	165,368	1/4	150,290	1/4	135,213	1/4	120,136	1/4	105,056
1/2		1/2		1/2	210,084	1/2	195,148	1/2	180,121	1/2	165,054	1/2	149,976	1/2	134,899	1/2	119,822	1/2	104,742
3/4		3/4		3/4	209,778	3/4	194,834	3/4	179,808	3/4	164,739	3/4	149,662	3/4	134,585	3/4	119,507	3/4	104,428
6		6		6	209,472	6	194,521	6	179,495	6	164,425	6	149,348	6	134,271	6	119,193	6	104,113
1/4		1/4		1/4	209,166	1/4	194,208	1/4	179,182	1/4	164,111	1/4	149,034	1/4	133,957	1/4	118,879	1/4	103,799
1/2		1/2		1/2	208,857	1/2	193,895	1/2	178,869	1/2	163,797	1/2	148,720	1/2	133,642	1/2	118,565	1/2	103,485
3/4		3/4		3/4	208,547	3/4	193,582	3/4	178,556	3/4	163,483	3/4	148,406	3/4	133,328	3/4	118,251	3/4	103,170
7		7		7	208,237	7	193,269	7	178,243	7	163,169	7	148,092	7	133,014	7	117,937	7	102,856
1/4		1/4		1/4	207,928	1/4	192,956	1/4	177,930	1/4	162,855	1/4	147,777	1/4	132,700	1/4	117,623	1/4	102,542
1/2		1/2		1/2	207,618	1/2	192,643	1/2	177,616	1/2	162,541	1/2	147,463	1/2	132,386	1/2	117,309	1/2	102,228
3/4		3/4		3/4	207,308	3/4	192,330	3/4	177,303	3/4	162,227	3/4	147,149	3/4	132,072	3/4	116,995	3/4	101,913
8		8		8	206,998	8	192,017	8	176,989	8	161,912	8	146,835	8	131,758	8	116,680	8	101,599
1/4		1/4		1/4	206,688	1/4	191,704	1/4	176,676	1/4	161,598	1/4	146,521	1/4	131,444	1/4	116,366	1/4	101,285
1/2		1/2		1/2	206,378	1/2	191,391	1/2	176,362	1/2	161,284	1/2	146,207	1/2	131,130	1/2	116,052	1/2	100,971
3/4		3/4		3/4	206,068	3/4	191,078	3/4	176,047	3/4	160,970	3/4	145,893	3/4	130,815	3/4	115,738	3/4	100,656
9		9		9	205,757	9	190,765	9	175,733	9	160,656	9	145,579	9	130,501	9	115,424	9	100,342
1/4		1/4		1/4	205,447	1/4	190,452	1/4	175,419	1/4	160,342	1/4	145,265	1/4	130,187	1/4	115,110	1/4	100,028
1/2		1/2		1/2	205,137	1/2	190,139	1/2	175,105	1/2	160,028	1/2	144,950	1/2	129,873	1/2	114,796	1/2	99,713
3/4		3/4		3/4	204,827	3/4	189,826	3/4	174,791	3/4	159,714	3/4	144,636	3/4	129,559	3/4	114,482	3/4	99,399
10		10		10	204,517	10	189,513	10	174,477	10	159,400	10	144,322	10	129,245	10	114,168	10	99,085
1/4		1/4		1/4	204,207	1/4	189,200	1/4	174,163	1/4	159,085	1/4	144,008	1/4	128,931	1/4	113,853	1/4	98,771
1/2		1/2		1/2	203,897	1/2	188,887	1/2	173,849	1/2	158,771	1/2	143,694	1/2	128,617	1/2	113,539	1/2	98,456
3/4		3/4		3/4	203,587	3/4	188,574	3/4	173,535	3/4	158,457	3/4	143,380	3/4	128,303	3/4	113,225	3/4	98,142
11		11		11	203,277	11	188,261	11	173,220	11	158,143	11	143,066	11	127,988	11	112,911	11	97,828
1/4		1/4		1/4	202,967	1/4	187,947	1/4	172,906	1/4	157,829	1/4	142,752	1/4	127,674	1/4	112,597	1/4	97,514
1/2		1/2		1/2	202,656	1/2	187,634	1/2	172,592	1/2	157,515	1/2	142,438	1/2	127,360	1/2	112,283	1/2	97,199
3/4		3/4		3/4	202,344	3/4	187,321	3/4	172,278	3/4	157,201	3/4	142,123	3/4	127,046	3/4	111,969	3/4	96,885

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 THREADS ON "MMC" VALVE OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HSM 3026"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	81,486	0	66,401	0	51,846	0	37,363	0	22,316	0	7,231	0		0		0		0	
1/4	81,172	1/4	66,087	1/4	51,544	1/4	37,060	1/4	22,001	1/4	6,917	1/4		1/4		1/4		1/4	
1/2	80,857	1/2	65,778	1/2	51,242	1/2	36,752	1/2	21,687	1/2	6,603	1/2		1/2		1/2		1/2	
3/4	80,543	3/4	65,470	3/4	50,939	3/4	36,443	3/4	21,373	3/4	6,289	3/4		3/4		3/4		3/4	
1	80,229	1	65,162	1	50,637	1	36,135	1	21,059	1	5,974	1		1		1		1	
1/4	79,915	1/4	64,853	1/4	50,335	1/4	35,827	1/4	20,744	1/4	5,660	1/4		1/4		1/4		1/4	
1/2	79,600	1/2	64,551	1/2	50,033	1/2	35,512	1/2	20,430	1/2	5,346	1/2		1/2		1/2		1/2	
3/4	79,286	3/4	64,248	3/4	49,732	3/4	35,198	3/4	20,116	3/4	5,032	3/4		3/4		3/4		3/4	
2	78,972	2	63,946	2	49,430	2	34,884	2	19,802	2	4,718	2		2		2		2	
1/4	78,657	1/4	63,643	1/4	49,128	1/4	34,570	1/4	19,487	1/4	4,404	1/4		1/4		1/4		1/4	
1/2	78,343	1/2	63,341	1/2	48,826	1/2	34,255	1/2	19,173	1/2	4,091	1/2		1/2		1/2		1/2	
3/4	78,029	3/4	63,038	3/4	48,525	3/4	33,941	3/4	18,859	3/4	3,777	3/4		3/4		3/4		3/4	
3	77,715	3	62,736	3	48,223	3	33,627	3	18,545	3	3,464	3		3		3		3	
1/4	77,400	1/4	62,433	1/4	47,921	1/4	33,313	1/4	18,230	1/4	3,151	1/4		1/4		1/4		1/4	
1/2	77,086	1/2	62,131	1/2	47,620	1/2	32,998	1/2	17,916	1/2	2,857	1/2		1/2		1/2		1/2	
3/4	76,772	3/4	61,828	3/4	47,318	3/4	32,684	3/4	17,602	3/4	2,563	3/4		3/4		3/4		3/4	
4	76,458	4	61,526	4	47,017	4	32,370	4	17,288	4	2,269	4		4		4		4	
1/4	76,143	1/4	61,223	1/4	46,715	1/4	32,055	1/4	16,973	1/4	1,976	1/4		1/4		1/4		1/4	
1/2	75,829	1/2	60,921	1/2	46,414	1/2	31,741	1/2	16,659	1/2	1,740	1/2		1/2		1/2		1/2	
3/4	75,515	3/4	60,618	3/4	46,112	3/4	31,427	3/4	16,345	3/4	1,504	3/4		3/4		3/4		3/4	
5	75,201	5	60,316	5	45,811	5	31,113	5	16,031	5	1,269	5		5		5		5	
1/4	74,886	1/4	60,013	1/4	45,509	1/4	30,798	1/4	15,716	1/4	1,033	1/4		1/4		1/4		1/4	
1/2	74,572	1/2	59,711	1/2	45,207	1/2	30,484	1/2	15,402	1/2		1/2		1/2		1/2		1/2	
3/4	74,258	3/4	59,408	3/4	44,906	3/4	30,170	3/4	15,088	3/4		3/4		3/4		3/4		3/4	
6	73,943	6	59,106	6	44,604	6	29,856	6	14,773	6		6		6		6		6	
1/4	73,629	1/4	58,803	1/4	44,303	1/4	29,542	1/4	14,459	1/4		1/4		1/4		1/4		1/4	
1/2	73,315	1/2	58,501	1/2	44,001	1/2	29,228	1/2	14,145	1/2		1/2		1/2		1/2		1/2	
3/4	73,001	3/4	58,198	3/4	43,700	3/4	28,914	3/4	13,831	3/4		3/4		3/4		3/4		3/4	
7	72,686	7	57,896	7	43,398	7	28,600	7	13,516	7		7		7		7		7	
1/4	72,372	1/4	57,593	1/4	43,097	1/4	28,286	1/4	13,202	1/4		1/4		1/4		1/4		1/4	
1/2	72,058	1/2	57,291	1/2	42,795	1/2	27,971	1/2	12,888	1/2		1/2		1/2		1/2		1/2	
3/4	71,744	3/4	56,988	3/4	42,494	3/4	27,657	3/4	12,574	3/4		3/4		3/4		3/4		3/4	
8	71,429	8	56,686	8	42,192	8	27,343	8	12,259	8		8		8		8		8	
1/4	71,115	1/4	56,384	1/4	41,890	1/4	27,029	1/4	11,945	1/4		1/4		1/4		1/4		1/4	
1/2	70,801	1/2	56,081	1/2	41,589	1/2	26,715	1/2	11,631	1/2		1/2		1/2		1/2		1/2	
3/4	70,486	3/4	55,779	3/4	41,287	3/4	26,401	3/4	11,317	3/4		3/4		3/4		3/4		3/4	
9	70,172	9	55,476	9	40,986	9	26,087	9	11,002	9		9		9		9		9	
1/4	69,858	1/4	55,174	1/4	40,684	1/4	25,773	1/4	10,688	1/4		1/4		1/4		1/4		1/4	
1/2	69,544	1/2	54,871	1/2	40,383	1/2	25,458	1/2	10,374	1/2		1/2		1/2		1/2		1/2	
3/4	69,229	3/4	54,569	3/4	40,081	3/4	25,144	3/4	10,060	3/4		3/4		3/4		3/4		3/4	
10	68,915	10	54,266	10	39,780	10	24,830	10	9,745	10		10		10		10		10	
1/4	68,601	1/4	53,964	1/4	39,478	1/4	24,516	1/4	9,431	1/4		1/4		1/4		1/4		1/4	
1/2	68,287	1/2	53,661	1/2	39,176	1/2	24,201	1/2	9,117	1/2		1/2		1/2		1/2		1/2	
3/4	67,972	3/4	53,359	3/4	38,874	3/4	23,887	3/4	8,803	3/4		3/4		3/4		3/4		3/4	
11	67,658	11	53,056	11	38,572	11	23,573	11	8,488	11		11		11		11		11	
1/4	67,344	1/4	52,754	1/4	38,270	1/4	23,259	1/4	8,174	1/4		1/4		1/4		1/4		1/4	
1/2	67,030	1/2	52,451	1/2	37,968	1/2	22,944	1/2	7,860	1/2		1/2		1/2		1/2		1/2	
3/4	66,715	3/4	52,149	3/4	37,665	3/4	22,630	3/4	7,546	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 JS  
CALCULATED: 11/05/2019 CL  
PRINTED: 11/05/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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





# BARGE "HSM 3026"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	203,214	0	188,186	0	173,138	0	158,057	0	142,976	0	127,895	0	112,814	0	97,726
1/4		1/4		1/4	202,903	1/4	187,873	1/4	172,824	1/4	157,743	1/4	142,662	1/4	127,581	1/4	112,500	1/4	97,412
1/2		1/2		1/2	202,589	1/2	187,560	1/2	172,510	1/2	157,429	1/2	142,348	1/2	127,267	1/2	112,186	1/2	97,098
3/4		3/4		3/4	202,276	3/4	187,247	3/4	172,195	3/4	157,114	3/4	142,033	3/4	126,952	3/4	111,871	3/4	96,783
1		1		1	201,963	1	186,933	1	171,881	1	156,800	1	141,719	1	126,638	1	111,557	1	96,469
1/4		1/4		1/4	201,650	1/4	186,620	1/4	171,567	1/4	156,486	1/4	141,405	1/4	126,324	1/4	111,243	1/4	96,155
1/2		1/2		1/2	201,337	1/2	186,307	1/2	171,253	1/2	156,172	1/2	141,091	1/2	126,010	1/2	110,929	1/2	95,840
3/4		3/4		3/4	201,024	3/4	185,994	3/4	170,939	3/4	155,858	3/4	140,777	3/4	125,696	3/4	110,614	3/4	95,526
2		2		2	200,711	2	185,681	2	170,624	2	155,543	2	140,462	2	125,381	2	110,300	2	95,212
1/4		1/4		1/4	214,337	1/4	200,398	1/4	185,368	1/4	170,310	1/4	155,229	1/4	140,148	1/4	125,067	1/4	109,986
1/2		1/2		1/2	214,158	1/2	200,085	1/2	185,055	1/2	169,996	1/2	154,915	1/2	139,834	1/2	124,753	1/2	109,672
3/4		3/4		3/4	213,979	3/4	199,771	3/4	184,742	3/4	169,682	3/4	154,601	3/4	139,520	3/4	124,439	3/4	109,357
3		3		3	213,799	3	199,458	3	184,428	3	169,368	3	154,287	3	139,206	3	124,125	3	109,043
1/4		1/4		1/4	213,620	1/4	199,145	1/4	184,115	1/4	169,053	1/4	153,972	1/4	138,891	1/4	123,810	1/4	108,729
1/2		1/2		1/2	213,389	1/2	198,832	1/2	183,802	1/2	168,739	1/2	153,658	1/2	138,577	1/2	123,496	1/2	108,414
3/4		3/4		3/4	213,157	3/4	198,519	3/4	183,489	3/4	168,425	3/4	153,344	3/4	138,263	3/4	123,182	3/4	108,100
4		4		4	212,925	4	198,206	4	183,176	4	168,111	4	153,030	4	137,949	4	122,868	4	107,785
1/4		1/4		1/4	212,694	1/4	197,893	1/4	182,863	1/4	167,797	1/4	152,716	1/4	137,635	1/4	122,554	1/4	107,471
1/2		1/2		1/2	212,414	1/2	197,580	1/2	182,550	1/2	167,483	1/2	152,402	1/2	137,321	1/2	122,240	1/2	107,157
3/4		3/4		3/4	212,133	3/4	197,266	3/4	182,237	3/4	167,168	3/4	152,087	3/4	137,006	3/4	121,925	3/4	106,842
5		5		5	211,853	5	196,953	5	181,923	5	166,854	5	151,773	5	136,692	5	121,611	5	106,528
1/4		1/4		1/4	211,573	1/4	196,640	1/4	181,610	1/4	166,540	1/4	151,459	1/4	136,378	1/4	121,297	1/4	106,214
1/2		1/2		1/2	211,267	1/2	196,327	1/2	181,297	1/2	166,226	1/2	151,145	1/2	136,064	1/2	120,983	1/2	105,899
3/4		3/4		3/4	210,961	3/4	196,014	3/4	180,984	3/4	165,912	3/4	150,831	3/4	135,750	3/4	120,669	3/4	105,585
6		6		6	210,655	6	195,701	6	180,671	6	165,597	6	150,516	6	135,435	6	120,354	6	105,271
1/4		1/4		1/4	210,349	1/4	195,388	1/4	180,358	1/4	165,283	1/4	150,202	1/4	135,121	1/4	120,040	1/4	104,956
1/2		1/2		1/2	210,039	1/2	195,075	1/2	180,045	1/2	164,969	1/2	149,888	1/2	134,807	1/2	119,726	1/2	104,642
3/4		3/4		3/4	209,730	3/4	194,761	3/4	179,732	3/4	164,655	3/4	149,574	3/4	134,493	3/4	119,412	3/4	104,328
7		7		7	209,420	7	194,448	7	179,418	7	164,341	7	149,260	7	134,179	7	119,098	7	104,013
1/4		1/4		1/4	209,110	1/4	194,135	1/4	179,105	1/4	164,026	1/4	148,945	1/4	133,864	1/4	118,783	1/4	103,699
1/2		1/2		1/2	208,800	1/2	193,822	1/2	178,792	1/2	163,712	1/2	148,631	1/2	133,550	1/2	118,469	1/2	103,385
3/4		3/4		3/4	208,490	3/4	193,509	3/4	178,478	3/4	163,398	3/4	148,317	3/4	133,236	3/4	118,155	3/4	103,070
8		8		8	208,180	8	193,196	8	178,164	8	163,084	8	148,003	8	132,922	8	117,841	8	102,756
1/4		1/4		1/4	207,870	1/4	192,883	1/4	177,851	1/4	162,770	1/4	147,689	1/4	132,608	1/4	117,527	1/4	102,442
1/2		1/2		1/2	207,560	1/2	192,570	1/2	177,537	1/2	162,456	1/2	147,375	1/2	132,294	1/2	117,213	1/2	102,127
3/4		3/4		3/4	207,250	3/4	192,256	3/4	177,222	3/4	162,141	3/4	147,060	3/4	131,979	3/4	116,898	3/4	101,813
9		9		9	206,940	9	191,943	9	176,908	9	161,827	9	146,746	9	131,665	9	116,584	9	101,499
1/4		1/4		1/4	206,629	1/4	191,630	1/4	176,594	1/4	161,513	1/4	146,432	1/4	131,351	1/4	116,270	1/4	101,184
1/2		1/2		1/2	206,319	1/2	191,317	1/2	176,280	1/2	161,199	1/2	146,118	1/2	131,037	1/2	115,956	1/2	100,870
3/4		3/4		3/4	206,009	3/4	191,004	3/4	175,966	3/4	160,885	3/4	145,804	3/4	130,723	3/4	115,642	3/4	100,556
10		10		10	205,699	10	190,691	10	175,651	10	160,570	10	145,489	10	130,408	10	115,327	10	100,241
1/4		1/4		1/4	205,389	1/4	190,378	1/4	175,337	1/4	160,256	1/4	145,175	1/4	130,094	1/4	115,013	1/4	99,927
1/2		1/2		1/2	205,079	1/2	190,065	1/2	175,023	1/2	159,942	1/2	144,861	1/2	129,780	1/2	114,699	1/2	99,612
3/4		3/4		3/4	204,769	3/4	189,751	3/4	174,709	3/4	159,628	3/4	144,547	3/4	129,466	3/4	114,385	3/4	99,298
11		11		11	204,459	11	189,438	11	174,395	11	159,314	11	144,233	11	129,152	11	114,071	11	98,984
1/4		1/4		1/4	204,149	1/4	189,125	1/4	174,080	1/4	158,999	1/4	143,918	1/4	128,837	1/4	113,756	1/4	98,669
1/2		1/2		1/2	203,837	1/2	188,812	1/2	173,766	1/2	158,685	1/2	143,604	1/2	128,523	1/2	113,442	1/2	98,355
3/4		3/4		3/4	203,526	3/4	188,499	3/4	173,452	3/4	158,371	3/4	143,290	3/4	128,209	3/4	113,128	3/4	98,041

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 THREADS ON "MMC" VALVE OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "HSM 3026"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	82,638	0	67,549	0	52,461	0	37,408	0	22,321	0	7,233	0		0		0		0	
1/4	82,323	1/4	67,235	1/4	52,146	1/4	37,093	1/4	22,007	1/4	6,918	1/4		1/4		1/4		1/4	
1/2	82,009	1/2	66,921	1/2	51,832	1/2	36,779	1/2	21,693	1/2	6,604	1/2		1/2		1/2		1/2	
3/4	81,695	3/4	66,606	3/4	51,518	3/4	36,465	3/4	21,378	3/4	6,290	3/4		3/4		3/4		3/4	
1	81,380	1	66,292	1	51,204	1	36,150	1	21,064	1	5,975	1		1		1		1	
1/4	81,066	1/4	65,978	1/4	50,890	1/4	35,836	1/4	20,750	1/4	5,661	1/4		1/4		1/4		1/4	
1/2	80,752	1/2	65,663	1/2	50,577	1/2	35,521	1/2	20,435	1/2	5,347	1/2		1/2		1/2		1/2	
3/4	80,437	3/4	65,349	3/4	50,263	3/4	35,207	3/4	20,121	3/4	5,033	3/4		3/4		3/4		3/4	
2	80,123	2	65,034	2	49,949	2	34,893	2	19,807	2	4,719	2		2		2		2	
1/4	79,809	1/4	64,720	1/4	49,636	1/4	34,578	1/4	19,492	1/4	4,405	1/4		1/4		1/4		1/4	
1/2	79,494	1/2	64,406	1/2	49,322	1/2	34,264	1/2	19,178	1/2	4,091	1/2		1/2		1/2		1/2	
3/4	79,180	3/4	64,091	3/4	49,009	3/4	33,950	3/4	18,864	3/4	3,778	3/4		3/4		3/4		3/4	
3	78,866	3	63,777	3	48,695	3	33,635	3	18,549	3	3,465	3		3		3		3	
1/4	78,551	1/4	63,463	1/4	48,382	1/4	33,321	1/4	18,235	1/4	3,151	1/4		1/4		1/4		1/4	
1/2	78,237	1/2	63,148	1/2	48,068	1/2	33,007	1/2	17,920	1/2	2,837	1/2		1/2		1/2		1/2	
3/4	77,923	3/4	62,834	3/4	47,755	3/4	32,692	3/4	17,606	3/4	2,524	3/4		3/4		3/4		3/4	
4	77,608	4	62,520	4	47,441	4	32,378	4	17,292	4	2,270	4		4		4		4	
1/4	77,294	1/4	62,205	1/4	47,128	1/4	32,064	1/4	16,977	1/4	1,976	1/4		1/4		1/4		1/4	
1/2	76,980	1/2	61,891	1/2	46,815	1/2	31,749	1/2	16,663	1/2	1,740	1/2		1/2		1/2		1/2	
3/4	76,665	3/4	61,577	3/4	46,501	3/4	31,435	3/4	16,349	3/4	1,504	3/4		3/4		3/4		3/4	
5	76,351	5	61,262	5	46,188	5	31,121	5	16,034	5	1,269	5		5		5		5	
1/4	76,037	1/4	60,948	1/4	45,874	1/4	30,806	1/4	15,720	1/4	1,033	1/4		1/4		1/4		1/4	
1/2	75,722	1/2	60,634	1/2	45,561	1/2	30,492	1/2	15,406	1/2		1/2		1/2		1/2		1/2	
3/4	75,408	3/4	60,319	3/4	45,248	3/4	30,178	3/4	15,091	3/4		3/4		3/4		3/4		3/4	
6	75,094	6	60,005	6	44,934	6	29,863	6	14,777	6		6		6		6		6	
1/4	74,779	1/4	59,691	1/4	44,621	1/4	29,549	1/4	14,463	1/4		1/4		1/4		1/4		1/4	
1/2	74,465	1/2	59,376	1/2	44,307	1/2	29,235	1/2	14,148	1/2		1/2		1/2		1/2		1/2	
3/4	74,151	3/4	59,062	3/4	43,994	3/4	28,921	3/4	13,834	3/4		3/4		3/4		3/4		3/4	
7	73,836	7	58,748	7	43,680	7	28,607	7	13,520	7		7		7		7		7	
1/4	73,522	1/4	58,433	1/4	43,367	1/4	28,293	1/4	13,205	1/4		1/4		1/4		1/4		1/4	
1/2	73,207	1/2	58,119	1/2	43,054	1/2	27,979	1/2	12,891	1/2		1/2		1/2		1/2		1/2	
3/4	72,893	3/4	57,805	3/4	42,740	3/4	27,664	3/4	12,577	3/4		3/4		3/4		3/4		3/4	
8	72,579	8	57,490	8	42,427	8	27,350	8	12,262	8		8		8		8		8	
1/4	72,264	1/4	57,176	1/4	42,113	1/4	27,036	1/4	11,948	1/4		1/4		1/4		1/4		1/4	
1/2	71,950	1/2	56,862	1/2	41,800	1/2	26,722	1/2	11,634	1/2		1/2		1/2		1/2		1/2	
3/4	71,636	3/4	56,547	3/4	41,487	3/4	26,408	3/4	11,319	3/4		3/4		3/4		3/4		3/4	
9	71,321	9	56,233	9	41,173	9	26,093	9	11,005	9		9		9		9		9	
1/4	71,007	1/4	55,918	1/4	40,860	1/4	25,779	1/4	10,691	1/4		1/4		1/4		1/4		1/4	
1/2	70,693	1/2	55,604	1/2	40,546	1/2	25,465	1/2	10,376	1/2		1/2		1/2		1/2		1/2	
3/4	70,378	3/4	55,290	3/4	40,233	3/4	25,150	3/4	10,062	3/4		3/4		3/4		3/4		3/4	
10	70,064	10	54,975	10	39,920	10	24,836	10	9,748	10		10		10		10		10	
1/4	69,750	1/4	54,661	1/4	39,606	1/4	24,522	1/4	9,433	1/4		1/4		1/4		1/4		1/4	
1/2	69,435	1/2	54,347	1/2	39,292	1/2	24,207	1/2	9,119	1/2		1/2		1/2		1/2		1/2	
3/4	69,121	3/4	54,032	3/4	38,978	3/4	23,893	3/4	8,804	3/4		3/4		3/4		3/4		3/4	
11	68,807	11	53,718	11	38,664	11	23,579	11	8,490	11		11		11		11		11	
1/4	68,492	1/4	53,404	1/4	38,351	1/4	23,264	1/4	8,176	1/4		1/4		1/4		1/4		1/4	
1/2	68,178	1/2	53,089	1/2	38,036	1/2	22,950	1/2	7,861	1/2		1/2		1/2		1/2		1/2	
3/4	67,864	3/4	52,775	3/4	37,722	3/4	22,636	3/4	7,547	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 JS  
CALCULATED: 11/05/2019 CL  
PRINTED: 11/05/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "HSM 3026"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

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	184,060	0	173,729	0	163,385	0	153,018	0	140,952	0	125,989	0	111,025	0	96,048
1/4		1/4		1/4	183,845	1/4	173,514	1/4	163,169	1/4	152,802	1/4	140,641	1/4	125,677	1/4	110,713	1/4	95,736
1/2		1/2		1/2	183,630	1/2	173,299	1/2	162,953	1/2	152,586	1/2	140,329	1/2	125,365	1/2	110,402	1/2	95,424
3/4		3/4		3/4	183,414	3/4	173,084	3/4	162,737	3/4	152,370	3/4	140,017	3/4	125,054	3/4	110,090	3/4	95,112
1		1		1	183,199	1	172,868	1	162,521	1	152,154	1	139,706	1	124,742	1	109,778	1	94,800
1/4		1/4		1/4	182,984	1/4	172,653	1/4	162,305	1/4	151,938	1/4	139,394	1/4	124,430	1/4	109,466	1/4	94,488
1/2		1/2		1/2	182,769	1/2	172,438	1/2	162,089	1/2	151,722	1/2	139,082	1/2	124,118	1/2	109,155	1/2	94,176
3/4		3/4		3/4	182,553	3/4	172,223	3/4	161,873	3/4	151,506	3/4	138,771	3/4	123,807	3/4	108,843	3/4	93,864
2		2		2	191,977	2	182,338	2	172,007	2	161,657	2	151,290	2	138,459	2	123,495	2	93,553
1/4		1/4		1/4	191,853	1/4	182,123	1/4	171,792	1/4	161,441	1/4	151,074	1/4	138,147	1/4	123,183	1/4	93,241
1/2		1/2		1/2	191,730	1/2	181,908	1/2	171,577	1/2	161,225	1/2	150,858	1/2	137,835	1/2	122,872	1/2	92,929
3/4		3/4		3/4	191,606	3/4	181,692	3/4	171,362	3/4	161,009	3/4	150,642	3/4	137,524	3/4	122,560	3/4	92,617
3		3		3	191,483	3	181,477	3	171,147	3	160,793	3	150,426	3	137,212	3	122,248	3	92,305
1/4		1/4		1/4	191,323	1/4	181,262	1/4	170,931	1/4	160,577	1/4	150,210	1/4	136,900	1/4	121,936	1/4	91,993
1/2		1/2		1/2	191,163	1/2	181,047	1/2	170,716	1/2	160,361	1/2	149,994	1/2	136,588	1/2	121,625	1/2	91,681
3/4		3/4		3/4	191,004	3/4	180,832	3/4	170,501	3/4	160,145	3/4	149,778	3/4	136,277	3/4	121,313	3/4	91,369
4		4		4	190,844	4	180,616	4	170,286	4	159,929	4	149,562	4	135,965	4	121,001	4	91,057
1/4		1/4		1/4	190,651	1/4	180,401	1/4	170,070	1/4	159,713	1/4	149,342	1/4	135,653	1/4	120,689	1/4	90,745
1/2		1/2		1/2	190,458	1/2	180,186	1/2	169,855	1/2	159,497	1/2	149,123	1/2	135,341	1/2	120,378	1/2	90,433
3/4		3/4		3/4	190,265	3/4	179,971	3/4	169,640	3/4	159,281	3/4	148,903	3/4	135,030	3/4	120,066	3/4	90,122
5		5		5	190,072	5	179,755	5	169,425	5	159,065	5	148,684	5	134,718	5	119,754	5	89,810
1/4		1/4		1/4	189,860	1/4	179,540	1/4	169,210	1/4	158,849	1/4	148,453	1/4	134,406	1/4	119,442	1/4	89,498
1/2		1/2		1/2	189,648	1/2	179,325	1/2	168,994	1/2	158,633	1/2	148,222	1/2	134,094	1/2	119,131	1/2	89,186
3/4		3/4		3/4	189,437	3/4	179,110	3/4	168,779	3/4	158,417	3/4	147,991	3/4	133,783	3/4	118,819	3/4	88,874
6		6		6	189,225	6	178,895	6	168,564	6	158,201	6	147,760	6	133,471	6	118,507	6	88,562
1/4		1/4		1/4	189,010	1/4	178,679	1/4	168,349	1/4	157,985	1/4	147,512	1/4	133,159	1/4	118,195	1/4	88,250
1/2		1/2		1/2	188,795	1/2	178,464	1/2	168,133	1/2	157,769	1/2	147,265	1/2	132,847	1/2	117,884	1/2	87,938
3/4		3/4		3/4	188,580	3/4	178,249	3/4	167,918	3/4	157,553	3/4	147,018	3/4	132,536	3/4	117,572	3/4	87,626
7		7		7	188,365	7	178,034	7	167,703	7	157,337	7	146,771	7	132,224	7	117,260	7	87,314
1/4		1/4		1/4	188,150	1/4	177,818	1/4	167,487	1/4	157,121	1/4	146,508	1/4	131,912	1/4	116,948	1/4	87,002
1/2		1/2		1/2	187,935	1/2	177,603	1/2	167,272	1/2	156,905	1/2	146,245	1/2	131,600	1/2	116,637	1/2	86,689
3/4		3/4		3/4	187,719	3/4	177,388	3/4	167,056	3/4	156,689	3/4	145,982	3/4	131,289	3/4	116,325	3/4	86,377
8		8		8	187,504	8	177,173	8	166,841	8	156,473	8	145,719	8	130,977	8	116,013	8	86,065
1/4		1/4		1/4	187,289	1/4	176,958	1/4	166,625	1/4	156,257	1/4	145,441	1/4	130,665	1/4	115,701	1/4	85,753
1/2		1/2		1/2	187,074	1/2	176,742	1/2	166,409	1/2	156,041	1/2	145,162	1/2	130,353	1/2	115,390	1/2	85,440
3/4		3/4		3/4	186,858	3/4	176,527	3/4	166,193	3/4	155,825	3/4	144,884	3/4	130,042	3/4	115,078	3/4	85,128
9		9		9	186,643	9	176,312	9	165,977	9	155,609	9	144,605	9	129,730	9	114,766	9	84,816
1/4		1/4		1/4	186,428	1/4	176,097	1/4	165,761	1/4	155,393	1/4	144,310	1/4	129,418	1/4	114,454	1/4	84,504
1/2		1/2		1/2	186,212	1/2	175,881	1/2	165,545	1/2	155,177	1/2	144,016	1/2	129,106	1/2	114,143	1/2	84,191
3/4		3/4		3/4	185,997	3/4	175,666	3/4	165,329	3/4	154,961	3/4	143,721	3/4	128,795	3/4	113,831	3/4	83,879
10		10		10	185,782	10	175,451	10	165,113	10	154,745	10	143,426	10	128,483	10	113,519	10	83,567
1/4		1/4		1/4	185,567	1/4	175,236	1/4	164,897	1/4	154,529	1/4	143,119	1/4	128,171	1/4	113,207	1/4	83,255
1/2		1/2		1/2	185,351	1/2	175,021	1/2	164,681	1/2	154,313	1/2	142,812	1/2	127,859	1/2	112,896	1/2	82,943
3/4		3/4		3/4	185,136	3/4	174,805	3/4	164,465	3/4	154,097	3/4	142,505	3/4	127,548	3/4	112,584	3/4	82,630
11		11		11	184,921	11	174,590	11	164,249	11	153,881	11	142,198	11	127,236	11	112,272	11	82,318
1/4		1/4		1/4	184,706	1/4	174,375	1/4	164,033	1/4	153,666	1/4	141,887	1/4	126,924	1/4	111,960	1/4	82,006
1/2		1/2		1/2	184,490	1/2	174,160	1/2	163,817	1/2	153,450	1/2	141,575	1/2	126,612	1/2	111,649	1/2	81,694
3/4		3/4		3/4	184,275	3/4	173,944	3/4	163,601	3/4	153,234	3/4	141,264	3/4	126,301	3/4	111,337	3/4	81,381

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 THREADS ON "MMC" VALVE OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HSM 3026"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

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	81,069	0	66,157	0	51,423	0	36,847	0	21,878	0	6,883	0		0		0		0	
1/4	80,757	1/4	65,847	1/4	51,120	1/4	36,539	1/4	21,566	1/4	6,570	1/4		1/4		1/4		1/4	
1/2	80,445	1/2	65,537	1/2	50,818	1/2	36,231	1/2	21,253	1/2	6,258	1/2		1/2		1/2		1/2	
3/4	80,133	3/4	65,226	3/4	50,516	3/4	35,923	3/4	20,941	3/4	5,945	3/4		3/4		3/4		3/4	
1	79,820	1	64,916	1	50,213	1	35,614	1	20,629	1	5,633	1		1		1		1	
1/4	79,508	1/4	64,606	1/4	49,911	1/4	35,303	1/4	20,316	1/4	5,320	1/4		1/4		1/4		1/4	
1/2	79,196	1/2	64,296	1/2	49,608	1/2	34,991	1/2	20,004	1/2	5,008	1/2		1/2		1/2		1/2	
3/4	78,884	3/4	63,985	3/4	49,306	3/4	34,679	3/4	19,692	3/4	4,695	3/4		3/4		3/4		3/4	
2	78,571	2	63,675	2	49,004	2	34,367	2	19,380	2	4,383	2		2		2		2	
1/4	78,260	1/4	63,364	1/4	48,701	1/4	34,055	1/4	19,067	1/4	4,071	1/4		1/4		1/4		1/4	
1/2	77,949	1/2	63,053	1/2	48,399	1/2	33,743	1/2	18,755	1/2	3,759	1/2		1/2		1/2		1/2	
3/4	77,638	3/4	62,742	3/4	48,096	3/4	33,430	3/4	18,443	3/4	3,448	3/4		3/4		3/4		3/4	
3	77,326	3	62,431	3	47,794	3	33,118	3	18,130	3	3,136	3		3		3		3	
1/4	77,016	1/4	62,119	1/4	47,492	1/4	32,806	1/4	17,818	1/4	2,843	1/4		1/4		1/4		1/4	
1/2	76,706	1/2	61,807	1/2	47,190	1/2	32,494	1/2	17,506	1/2	2,551	1/2		1/2		1/2		1/2	
3/4	76,396	3/4	61,495	3/4	46,888	3/4	32,181	3/4	17,193	3/4	2,258	3/4		3/4		3/4		3/4	
4	76,085	4	61,183	4	46,586	4	31,869	4	16,881	4	1,966	4		4		4		4	
1/4	75,775	1/4	60,871	1/4	46,284	1/4	31,557	1/4	16,569	1/4	1,731	1/4		1/4		1/4		1/4	
1/2	75,465	1/2	60,559	1/2	45,982	1/2	31,244	1/2	16,257	1/2	1,497	1/2		1/2		1/2		1/2	
3/4	75,155	3/4	60,247	3/4	45,681	3/4	30,932	3/4	15,944	3/4	1,262	3/4		3/4		3/4		3/4	
5	74,844	5	59,935	5	45,379	5	30,620	5	15,632	5	1,028	5		5		5		5	
1/4	74,534	1/4	59,627	1/4	45,076	1/4	30,308	1/4	15,320	1/4		1/4		1/4		1/4		1/4	
1/2	74,224	1/2	59,318	1/2	44,773	1/2	29,995	1/2	15,007	1/2		1/2		1/2		1/2		1/2	
3/4	73,914	3/4	59,009	3/4	44,469	3/4	29,683	3/4	14,695	3/4		3/4		3/4		3/4		3/4	
6	73,603	6	58,700	6	44,166	6	29,371	6	14,383	6		6		6		6		6	
1/4	73,293	1/4	58,395	1/4	43,861	1/4	29,059	1/4	14,071	1/4		1/4		1/4		1/4		1/4	
1/2	72,983	1/2	58,089	1/2	43,556	1/2	28,747	1/2	13,758	1/2		1/2		1/2		1/2		1/2	
3/4	72,673	3/4	57,783	3/4	43,251	3/4	28,435	3/4	13,446	3/4		3/4		3/4		3/4		3/4	
7	72,362	7	57,478	7	42,946	7	28,123	7	13,134	7		7		7		7		7	
1/4	72,052	1/4	57,174	1/4	42,641	1/4	27,811	1/4	12,821	1/4		1/4		1/4		1/4		1/4	
1/2	71,742	1/2	56,870	1/2	42,336	1/2	27,498	1/2	12,509	1/2		1/2		1/2		1/2		1/2	
3/4	71,432	3/4	56,566	3/4	42,031	3/4	27,186	3/4	12,197	3/4		3/4		3/4		3/4		3/4	
8	71,121	8	56,262	8	41,726	8	26,874	8	11,885	8		8		8		8		8	
1/4	70,811	1/4	55,959	1/4	41,421	1/4	26,562	1/4	11,572	1/4		1/4		1/4		1/4		1/4	
1/2	70,501	1/2	55,657	1/2	41,116	1/2	26,250	1/2	11,260	1/2		1/2		1/2		1/2		1/2	
3/4	70,190	3/4	55,354	3/4	40,811	3/4	25,938	3/4	10,947	3/4		3/4		3/4		3/4		3/4	
9	69,880	9	55,052	9	40,506	9	25,625	9	10,634	9		9		9		9		9	
1/4	69,570	1/4	54,750	1/4	40,201	1/4	25,313	1/4	10,322	1/4		1/4		1/4		1/4		1/4	
1/2	69,260	1/2	54,447	1/2	39,896	1/2	25,001	1/2	10,009	1/2		1/2		1/2		1/2		1/2	
3/4	68,949	3/4	54,145	3/4	39,592	3/4	24,688	3/4	9,696	3/4		3/4		3/4		3/4		3/4	
10	68,639	10	53,842	10	39,287	10	24,376	10	9,383	10		10		10		10		10	
1/4	68,329	1/4	53,540	1/4	38,982	1/4	24,064	1/4	9,071	1/4		1/4		1/4		1/4		1/4	
1/2	68,019	1/2	53,237	1/2	38,677	1/2	23,752	1/2	8,758	1/2		1/2		1/2		1/2		1/2	
3/4	67,708	3/4	52,935	3/4	38,372	3/4	23,439	3/4	8,445	3/4		3/4		3/4		3/4		3/4	
11	67,398	11	52,633	11	38,067	11	23,127	11	8,133	11		11		11		11		11	
1/4	67,088	1/4	52,330	1/4	37,762	1/4	22,815	1/4	7,820	1/4		1/4		1/4		1/4		1/4	
1/2	66,778	1/2	52,028	1/2	37,457	1/2	22,502	1/2	7,508	1/2		1/2		1/2		1/2		1/2	
3/4	66,467	3/4	51,725	3/4	37,152	3/4	22,190	3/4	7,195	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 JS  
CALCULATED: 11/05/2019 CL  
PRINTED: 11/05/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "HSM 3026"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

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	185,034	0	174,707	0	164,366	0	154,002	0	141,927	0	126,935	0	111,943	0	96,936
1/4	1/4	1/4	1/4	1/4	184,819	1/4	174,492	1/4	164,150	1/4	153,786	1/4	141,615	1/4	126,623	1/4	111,631	1/4	96,624
1/2	1/2	1/2	1/2	1/2	184,604	1/2	174,277	1/2	163,934	1/2	153,570	1/2	141,303	1/2	126,311	1/2	111,319	1/2	96,311
3/4	3/4	3/4	3/4	3/4	184,389	3/4	174,061	3/4	163,718	3/4	153,354	3/4	140,990	3/4	125,998	3/4	111,006	3/4	95,998
1	1	1	1	1	184,174	1	173,846	1	163,502	1	153,138	1	140,678	1	125,686	1	110,694	1	95,685
1/4	1/4	1/4	1/4	1/4	183,959	1/4	173,631	1/4	163,286	1/4	152,922	1/4	140,366	1/4	125,374	1/4	110,382	1/4	95,373
1/2	1/2	1/2	1/2	1/2	183,743	1/2	173,416	1/2	163,070	1/2	152,706	1/2	140,053	1/2	125,061	1/2	110,069	1/2	95,060
3/4	3/4	3/4	3/4	3/4	183,528	3/4	173,201	3/4	162,854	3/4	152,490	3/4	139,741	3/4	124,749	3/4	109,757	3/4	94,747
2	2	2	192,949	2	183,313	2	172,986	2	162,638	2	152,274	2	139,429	2	124,437	2	109,445	2	94,434
1/4	1/4	1/4	192,825	1/4	183,098	1/4	172,770	1/4	162,422	1/4	152,058	1/4	139,116	1/4	124,124	1/4	109,132	1/4	94,122
1/2	1/2	1/2	192,702	1/2	182,883	1/2	172,555	1/2	162,206	1/2	151,842	1/2	138,804	1/2	123,812	1/2	108,820	1/2	93,809
3/4	3/4	3/4	192,578	3/4	182,668	3/4	172,340	3/4	161,991	3/4	151,627	3/4	138,492	3/4	123,500	3/4	108,507	3/4	93,496
3	3	3	192,455	3	182,453	3	172,125	3	161,775	3	151,411	3	138,179	3	123,187	3	108,195	3	93,183
1/4	1/4	1/4	192,295	1/4	182,237	1/4	171,910	1/4	161,559	1/4	151,195	1/4	137,867	1/4	122,875	1/4	107,882	1/4	92,871
1/2	1/2	1/2	192,135	1/2	182,022	1/2	171,695	1/2	161,343	1/2	150,979	1/2	137,555	1/2	122,563	1/2	107,570	1/2	92,558
3/4	3/4	3/4	191,976	3/4	181,807	3/4	171,480	3/4	161,127	3/4	150,763	3/4	137,242	3/4	122,250	3/4	107,257	3/4	92,245
4	4	4	191,816	4	181,592	4	171,264	4	160,911	4	150,547	4	136,930	4	121,938	4	106,944	4	91,932
1/4	1/4	1/4	191,623	1/4	181,377	1/4	171,049	1/4	160,695	1/4	150,327	1/4	136,618	1/4	121,626	1/4	106,632	1/4	91,620
1/2	1/2	1/2	191,430	1/2	181,162	1/2	170,834	1/2	160,479	1/2	150,108	1/2	136,305	1/2	121,313	1/2	106,319	1/2	91,307
3/4	3/4	3/4	191,237	3/4	180,946	3/4	170,619	3/4	160,263	3/4	149,889	3/4	135,993	3/4	121,001	3/4	106,006	3/4	90,994
5	5	5	191,044	5	180,731	5	170,404	5	160,047	5	149,669	5	135,681	5	120,689	5	105,693	5	90,681
1/4	1/4	1/4	190,833	1/4	180,516	1/4	170,189	1/4	159,831	1/4	149,438	1/4	135,368	1/4	120,376	1/4	105,381	1/4	90,369
1/2	1/2	1/2	190,621	1/2	180,301	1/2	169,973	1/2	159,615	1/2	149,207	1/2	135,056	1/2	120,064	1/2	105,068	1/2	90,056
3/4	3/4	3/4	190,410	3/4	180,086	3/4	169,758	3/4	159,400	3/4	148,976	3/4	134,744	3/4	119,752	3/4	104,755	3/4	89,743
6	6	6	190,198	6	179,871	6	169,543	6	159,184	6	148,745	6	134,431	6	119,439	6	104,442	6	89,430
1/4	1/4	1/4	189,983	1/4	179,655	1/4	169,328	1/4	158,968	1/4	148,498	1/4	134,119	1/4	119,127	1/4	104,130	1/4	89,118
1/2	1/2	1/2	189,768	1/2	179,440	1/2	169,113	1/2	158,752	1/2	148,250	1/2	133,807	1/2	118,815	1/2	103,817	1/2	88,805
3/4	3/4	3/4	189,553	3/4	179,225	3/4	168,898	3/4	158,536	3/4	148,003	3/4	133,494	3/4	118,502	3/4	103,504	3/4	88,492
7	7	7	189,338	7	179,010	7	168,682	7	158,320	7	147,756	7	133,182	7	118,190	7	103,191	7	88,179
1/4	1/4	1/4	189,123	1/4	178,795	1/4	168,467	1/4	158,104	1/4	147,493	1/4	132,870	1/4	117,878	1/4	102,879	1/4	87,867
1/2	1/2	1/2	188,908	1/2	178,580	1/2	168,251	1/2	157,888	1/2	147,230	1/2	132,557	1/2	117,565	1/2	102,566	1/2	87,554
3/4	3/4	3/4	188,693	3/4	178,365	3/4	168,036	3/4	157,672	3/4	146,966	3/4	132,245	3/4	117,253	3/4	102,253	3/4	87,241
8	8	8	188,478	8	178,149	8	167,820	8	157,456	8	146,703	8	131,933	8	116,941	8	101,940	8	86,928
1/4	1/4	1/4	188,262	1/4	177,934	1/4	167,604	1/4	157,240	1/4	146,424	1/4	131,620	1/4	116,628	1/4	101,628	1/4	86,616
1/2	1/2	1/2	188,047	1/2	177,719	1/2	167,389	1/2	157,024	1/2	146,145	1/2	131,308	1/2	116,316	1/2	101,315	1/2	86,303
3/4	3/4	3/4	187,832	3/4	177,504	3/4	167,173	3/4	156,809	3/4	145,866	3/4	130,996	3/4	116,004	3/4	101,002	3/4	85,990
9	9	9	187,617	9	177,289	9	166,957	9	156,593	9	145,587	9	130,683	9	115,691	9	100,689	9	85,677
1/4	1/4	1/4	187,401	1/4	177,074	1/4	166,741	1/4	156,377	1/4	145,291	1/4	130,371	1/4	115,379	1/4	100,377	1/4	85,365
1/2	1/2	1/2	187,186	1/2	176,858	1/2	166,525	1/2	156,161	1/2	144,996	1/2	130,059	1/2	115,067	1/2	100,064	1/2	85,052
3/4	3/4	3/4	186,971	3/4	176,643	3/4	166,309	3/4	155,945	3/4	144,701	3/4	129,746	3/4	114,754	3/4	99,751	3/4	84,739
10	10	10	186,756	10	176,428	10	166,093	10	155,729	10	144,406	10	129,434	10	114,442	10	99,438	10	84,426
1/4	1/4	1/4	186,541	1/4	176,213	1/4	165,877	1/4	155,513	1/4	144,098	1/4	129,122	1/4	114,130	1/4	99,126	1/4	84,114
1/2	1/2	1/2	186,325	1/2	175,998	1/2	165,661	1/2	155,297	1/2	143,791	1/2	128,809	1/2	113,817	1/2	98,813	1/2	83,801
3/4	3/4	3/4	186,110	3/4	175,783	3/4	165,445	3/4	155,081	3/4	143,483	3/4	128,497	3/4	113,505	3/4	98,500	3/4	83,488
11	11	11	185,895	11	175,568	11	165,229	11	154,865	11	143,175	11	128,185	11	113,193	11	98,187	11	83,175
1/4	1/4	1/4	185,680	1/4	175,352	1/4	165,013	1/4	154,649	1/4	142,863	1/4	127,872	1/4	112,880	1/4	97,875	1/4	82,863
1/2	1/2	1/2	185,465	1/2	175,137	1/2	164,797	1/2	154,433	1/2	142,551	1/2	127,560	1/2	112,568	1/2	97,562	1/2	82,550
3/4	3/4	3/4	185,250	3/4	174,922	3/4	164,582	3/4	154,218	3/4	142,239	3/4	127,248	3/4	112,256	3/4	97,249	3/4	82,237

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 THREADS ON "MMC" VALVE OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HSM 3026"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	81,924	0	66,912	0	51,900	0	36,903	0	21,895	0	6,883	0		0		0		0	
1/4	81,612	1/4	66,600	1/4	51,588	1/4	36,591	1/4	21,582	1/4	6,570	1/4		1/4		1/4		1/4	
1/2	81,299	1/2	66,287	1/2	51,275	1/2	36,279	1/2	21,269	1/2	6,258	1/2		1/2		1/2		1/2	
3/4	80,986	3/4	65,974	3/4	50,962	3/4	35,967	3/4	20,957	3/4	5,945	3/4		3/4		3/4		3/4	
1	80,673	1	65,661	1	50,649	1	35,654	1	20,644	1	5,632	1		1		1		1	
1/4	80,361	1/4	65,349	1/4	50,337	1/4	35,342	1/4	20,331	1/4	5,320	1/4		1/4		1/4		1/4	
1/2	80,048	1/2	65,036	1/2	50,024	1/2	35,029	1/2	20,018	1/2	5,007	1/2		1/2		1/2		1/2	
3/4	79,735	3/4	64,723	3/4	49,711	3/4	34,717	3/4	19,706	3/4	4,695	3/4		3/4		3/4		3/4	
2	79,422	2	64,410	2	49,398	2	34,404	2	19,393	2	4,382	2		2		2		2	
1/4	79,110	1/4	64,098	1/4	49,086	1/4	34,092	1/4	19,080	1/4	4,071	1/4		1/4		1/4		1/4	
1/2	78,797	1/2	63,785	1/2	48,773	1/2	33,779	1/2	18,767	1/2	3,759	1/2		1/2		1/2		1/2	
3/4	78,484	3/4	63,472	3/4	48,460	3/4	33,466	3/4	18,455	3/4	3,447	3/4		3/4		3/4		3/4	
3	78,171	3	63,159	3	48,147	3	33,153	3	18,142	3	3,135	3		3		3		3	
1/4	77,859	1/4	62,847	1/4	47,835	1/4	32,841	1/4	17,829	1/4	2,843	1/4		1/4		1/4		1/4	
1/2	77,546	1/2	62,534	1/2	47,522	1/2	32,528	1/2	17,516	1/2	2,551	1/2		1/2		1/2		1/2	
3/4	77,233	3/4	62,221	3/4	47,210	3/4	32,215	3/4	17,204	3/4	2,258	3/4		3/4		3/4		3/4	
4	76,920	4	61,908	4	46,897	4	31,902	4	16,891	4	1,966	4		4		4		4	
1/4	76,608	1/4	61,596	1/4	46,584	1/4	31,590	1/4	16,578	1/4	1,731	1/4		1/4		1/4		1/4	
1/2	76,295	1/2	61,283	1/2	46,272	1/2	31,277	1/2	16,265	1/2	1,497	1/2		1/2		1/2		1/2	
3/4	75,982	3/4	60,970	3/4	45,959	3/4	30,964	3/4	15,953	3/4	1,262	3/4		3/4		3/4		3/4	
5	75,669	5	60,657	5	45,647	5	30,651	5	15,640	5	1,028	5		5		5		5	
1/4	75,357	1/4	60,345	1/4	45,335	1/4	30,339	1/4	15,327	1/4		1/4		1/4		1/4		1/4	
1/2	75,044	1/2	60,032	1/2	45,022	1/2	30,026	1/2	15,014	1/2		1/2		1/2		1/2		1/2	
3/4	74,731	3/4	59,719	3/4	44,710	3/4	29,713	3/4	14,702	3/4		3/4		3/4		3/4		3/4	
6	74,418	6	59,406	6	44,397	6	29,401	6	14,389	6		6		6		6		6	
1/4	74,106	1/4	59,094	1/4	44,085	1/4	29,088	1/4	14,076	1/4		1/4		1/4		1/4		1/4	
1/2	73,793	1/2	58,781	1/2	43,773	1/2	28,775	1/2	13,763	1/2		1/2		1/2		1/2		1/2	
3/4	73,480	3/4	58,468	3/4	43,461	3/4	28,462	3/4	13,451	3/4		3/4		3/4		3/4		3/4	
7	73,167	7	58,155	7	43,148	7	28,150	7	13,138	7		7		7		7		7	
1/4	72,855	1/4	57,843	1/4	42,836	1/4	27,837	1/4	12,825	1/4		1/4		1/4		1/4		1/4	
1/2	72,542	1/2	57,530	1/2	42,524	1/2	27,524	1/2	12,513	1/2		1/2		1/2		1/2		1/2	
3/4	72,229	3/4	57,217	3/4	42,212	3/4	27,211	3/4	12,200	3/4		3/4		3/4		3/4		3/4	
8	71,916	8	56,904	8	41,899	8	26,899	8	11,887	8		8		8		8		8	
1/4	71,604	1/4	56,592	1/4	41,587	1/4	26,586	1/4	11,574	1/4		1/4		1/4		1/4		1/4	
1/2	71,291	1/2	56,279	1/2	41,275	1/2	26,273	1/2	11,262	1/2		1/2		1/2		1/2		1/2	
3/4	70,978	3/4	55,966	3/4	40,963	3/4	25,960	3/4	10,949	3/4		3/4		3/4		3/4		3/4	
9	70,665	9	55,653	9	40,650	9	25,648	9	10,636	9		9		9		9		9	
1/4	70,353	1/4	55,341	1/4	40,338	1/4	25,335	1/4	10,323	1/4		1/4		1/4		1/4		1/4	
1/2	70,040	1/2	55,028	1/2	40,026	1/2	25,022	1/2	10,011	1/2		1/2		1/2		1/2		1/2	
3/4	69,727	3/4	54,715	3/4	39,714	3/4	24,709	3/4	9,698	3/4		3/4		3/4		3/4		3/4	
10	69,414	10	54,402	10	39,401	10	24,397	10	9,385	10		10		10		10		10	
1/4	69,102	1/4	54,090	1/4	39,089	1/4	24,084	1/4	9,072	1/4		1/4		1/4		1/4		1/4	
1/2	68,789	1/2	53,777	1/2	38,777	1/2	23,771	1/2	8,760	1/2		1/2		1/2		1/2		1/2	
3/4	68,476	3/4	53,464	3/4	38,465	3/4	23,458	3/4	8,447	3/4		3/4		3/4		3/4		3/4	
11	68,163	11	53,151	11	38,152	11	23,146	11	8,134	11		11		11		11		11	
1/4	67,851	1/4	52,839	1/4	37,840	1/4	22,833	1/4	7,821	1/4		1/4		1/4		1/4		1/4	
1/2	67,538	1/2	52,526	1/2	37,528	1/2	22,520	1/2	7,509	1/2		1/2		1/2		1/2		1/2	
3/4	67,225	3/4	52,213	3/4	37,216	3/4	22,207	3/4	7,196	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/04/2019 JS  
CALCULATED: 11/05/2019 CL  
PRINTED: 11/05/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "HSM 3026"

## PORT SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/4"

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
1/4		1/4		1/4	4,234	1/4		1/4	3,078	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,209	1/2		1/2	3,054	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,185	3/4		3/4	3,030	3/4		3/4		3/4		3/4		3/4	
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,161</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3,006</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
1/4		1/4		1/4	4,137	1/4		1/4	2,982	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,113	1/2		1/2	2,958	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,089	3/4		3/4	2,934	3/4		3/4		3/4		3/4		3/4	
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,065</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2,910</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
1/4		1/4		1/4	5,140	1/4		1/4	4,041	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,128	1/2		1/2	4,017	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,117	3/4		3/4	3,993	3/4		3/4		3/4		3/4		3/4	
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5,105</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3,969</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
1/4		1/4		1/4	5,093	1/4		1/4	3,945	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,070	1/2		1/2	3,921	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,046	3/4		3/4	3,897	3/4		3/4		3/4		3/4		3/4	
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>5,023</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3,873</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
1/4		1/4		1/4	4,999	1/4		1/4	3,849	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,975	1/2		1/2	3,824	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,952	3/4		3/4	3,800	3/4		3/4		3/4		3/4		3/4	
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,928</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3,776</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
1/4		1/4		1/4	4,904	1/4		1/4	3,752	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,881	1/2		1/2	3,728	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,857	3/4		3/4	3,704	3/4		3/4		3/4		3/4		3/4	
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,833</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>3,680</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
1/4		1/4		1/4	4,810	1/4		1/4	3,656	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,786	1/2		1/2	3,632	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,762	3/4		3/4	3,608	3/4		3/4		3/4		3/4		3/4	
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,739</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>3,584</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
1/4		1/4		1/4	4,715	1/4		1/4	3,560	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,691	1/2		1/2	3,536	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,667	3/4		3/4	3,512	3/4		3/4		3/4		3/4		3/4	
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,643</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>3,488</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
1/4		1/4		1/4	4,619	1/4		1/4	3,464	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,594	1/2		1/2	3,439	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,570	3/4		3/4	3,415	3/4		3/4		3/4		3/4		3/4	
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,546</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>3,391</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
1/4		1/4		1/4	4,522	1/4		1/4	3,367	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,498	1/2		1/2	3,343	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,474	3/4		3/4	3,319	3/4		3/4		3/4		3/4		3/4	
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,450</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>3,295</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
1/4		1/4		1/4	4,426	1/4		1/4	3,271	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,402	1/2		1/2	3,247	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,378	3/4		3/4	3,223	3/4		3/4		3/4		3/4		3/4	
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,354</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>3,199</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
1/4		1/4		1/4	4,330	1/4		1/4	3,175	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,306	1/2		1/2	3,151	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,282	3/4		3/4	3,127	3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.

STRAPPED: 11/04/2019 JS  
CALCULATED: 11/05/2019 CL  
PRINTED: 11/05/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "HSM 3026"

## STBD SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/4"

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
1/4		1/4		1/4	4,234	1/4		1/4	3,078	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,209	1/2		1/2	3,054	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,185	3/4		3/4	3,030	3/4		3/4		3/4		3/4		3/4	
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>4,161</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3,006</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
1/4		1/4		1/4	4,137	1/4		1/4	2,982	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,113	1/2		1/2	2,958	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,089	3/4		3/4	2,934	3/4		3/4		3/4		3/4		3/4	
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4,065</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2,910</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
1/4		1/4		1/4	5,140	1/4		1/4	4,041	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,128	1/2		1/2	4,017	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,117	3/4		3/4	3,993	3/4		3/4		3/4		3/4		3/4	
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5,105</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3,969</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
1/4		1/4		1/4	5,093	1/4		1/4	3,945	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,070	1/2		1/2	3,921	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,046	3/4		3/4	3,897	3/4		3/4		3/4		3/4		3/4	
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>5,023</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3,873</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
1/4		1/4		1/4	4,999	1/4		1/4	3,849	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,975	1/2		1/2	3,824	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,952	3/4		3/4	3,800	3/4		3/4		3/4		3/4		3/4	
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4,928</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>3,776</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
1/4		1/4		1/4	4,904	1/4		1/4	3,752	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,881	1/2		1/2	3,728	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,857	3/4		3/4	3,704	3/4		3/4		3/4		3/4		3/4	
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4,833</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>3,680</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>
1/4		1/4		1/4	4,810	1/4		1/4	3,656	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,786	1/2		1/2	3,632	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,762	3/4		3/4	3,608	3/4		3/4		3/4		3/4		3/4	
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>4,739</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>3,584</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>
1/4		1/4		1/4	4,715	1/4		1/4	3,560	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,691	1/2		1/2	3,536	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,667	3/4		3/4	3,512	3/4		3/4		3/4		3/4		3/4	
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>4,643</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>3,488</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>
1/4		1/4		1/4	4,619	1/4		1/4	3,464	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,594	1/2		1/2	3,439	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,570	3/4		3/4	3,415	3/4		3/4		3/4		3/4		3/4	
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>4,546</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>3,391</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
1/4		1/4		1/4	4,522	1/4		1/4	3,367	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,498	1/2		1/2	3,343	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,474	3/4		3/4	3,319	3/4		3/4		3/4		3/4		3/4	
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>4,450</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>3,295</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
1/4		1/4		1/4	4,426	1/4		1/4	3,271	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,402	1/2		1/2	3,247	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,378	3/4		3/4	3,223	3/4		3/4		3/4		3/4		3/4	
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>4,354</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>3,199</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
1/4		1/4		1/4	4,330	1/4		1/4	3,175	1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,306	1/2		1/2	3,151	1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,282	3/4		3/4	3,127	3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.

STRAPPED: 11/04/2019 JS  
CALCULATED: 11/05/2019 CL  
PRINTED: 11/05/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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