



# BARGE "HSM 3025"

## 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"

October 29, 2019

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

<http://www.pmacorp.net>



# BARGE "HSM 3025"

## 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"

October 29, 2019

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# BARGE "HSM 3025"

# 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	200,050	0	185,059	0	170,051	0	155,014	0	139,978	0	124,941	0	109,905	0	94,863
1/4		1/4		1/4	199,739	1/4	184,747	1/4	169,738	1/4	154,701	1/4	139,665	1/4	124,628	1/4	109,592	1/4	94,549
1/2		1/2		1/2	199,427	1/2	184,434	1/2	169,424	1/2	154,388	1/2	139,351	1/2	124,315	1/2	109,278	1/2	94,236
3/4		3/4		3/4	199,114	3/4	184,122	3/4	169,111	3/4	154,075	3/4	139,038	3/4	124,002	3/4	108,965	3/4	93,923
1		1		1	198,802	1	183,810	1	168,798	1	153,761	1	138,725	1	123,688	1	108,652	1	93,609
1/4		1/4		1/4	198,490	1/4	183,497	1/4	168,484	1/4	153,448	1/4	138,412	1/4	123,375	1/4	108,339	1/4	93,296
1/2		1/2		1/2	198,177	1/2	183,185	1/2	168,171	1/2	153,135	1/2	138,098	1/2	123,062	1/2	108,025	1/2	92,983
3/4		3/4		3/4	197,865	3/4	182,872	3/4	167,858	3/4	152,821	3/4	137,785	3/4	122,749	3/4	107,712	3/4	92,669
2		2		2	197,553	2	182,560	2	167,545	2	152,508	2	137,472	2	122,435	2	107,399	2	92,356
1/4		1/4		1/4	211,181	1/4	197,240	1/4	182,248	1/4	167,231	1/4	137,159	1/4	122,122	1/4	107,085	1/4	92,042
1/2		1/2		1/2	211,001	1/2	196,928	1/2	181,935	1/2	166,918	1/2	136,845	1/2	121,809	1/2	106,772	1/2	91,729
3/4		3/4		3/4	210,822	3/4	196,616	3/4	181,623	3/4	166,605	3/4	136,532	3/4	121,496	3/4	106,459	3/4	91,416
3		3		3	210,642	3	196,303	3	181,311	3	166,292	3	136,219	3	121,182	3	106,145	3	91,102
1/4		1/4		1/4	210,462	1/4	195,991	1/4	180,998	1/4	165,978	1/4	135,905	1/4	120,869	1/4	105,832	1/4	90,789
1/2		1/2		1/2	210,230	1/2	195,679	1/2	180,686	1/2	165,665	1/2	135,592	1/2	120,556	1/2	105,518	1/2	90,475
3/4		3/4		3/4	209,998	3/4	195,366	3/4	180,374	3/4	165,352	3/4	135,279	3/4	120,242	3/4	105,205	3/4	90,162
4		4		4	209,766	4	195,054	4	180,061	4	165,039	4	134,966	4	119,929	4	104,892	4	89,849
1/4		1/4		1/4	209,534	1/4	194,742	1/4	179,749	1/4	164,725	1/4	134,652	1/4	119,616	1/4	104,578	1/4	89,535
1/2		1/2		1/2	209,254	1/2	194,429	1/2	179,437	1/2	164,412	1/2	134,339	1/2	119,303	1/2	104,265	1/2	89,222
3/4		3/4		3/4	208,973	3/4	194,117	3/4	179,124	3/4	164,099	3/4	134,026	3/4	118,989	3/4	103,951	3/4	88,908
5		5		5	208,693	5	193,805	5	178,812	5	163,786	5	148,749	5	133,713	5	118,676	5	88,595
1/4		1/4		1/4	208,412	1/4	193,492	1/4	178,500	1/4	163,472	1/4	148,436	1/4	133,399	1/4	118,363	1/4	88,282
1/2		1/2		1/2	208,106	1/2	193,180	1/2	178,187	1/2	163,159	1/2	148,123	1/2	133,086	1/2	118,050	1/2	87,968
3/4		3/4		3/4	207,800	3/4	192,868	3/4	177,875	3/4	162,846	3/4	147,809	3/4	132,773	3/4	117,736	3/4	87,655
6		6		6	207,494	6	192,555	6	177,563	6	162,533	6	147,496	6	132,460	6	117,423	6	87,341
1/4		1/4		1/4	207,188	1/4	192,243	1/4	177,250	1/4	162,219	1/4	147,183	1/4	132,146	1/4	117,110	1/4	87,028
1/2		1/2		1/2	206,878	1/2	191,930	1/2	176,938	1/2	161,906	1/2	146,870	1/2	131,833	1/2	116,797	1/2	86,715
3/4		3/4		3/4	206,568	3/4	191,618	3/4	176,626	3/4	161,593	3/4	146,556	3/4	131,520	3/4	116,483	3/4	86,401
7		7		7	206,258	7	191,306	7	176,313	7	161,279	7	146,243	7	131,207	7	116,170	7	86,088
1/4		1/4		1/4	205,948	1/4	190,993	1/4	176,001	1/4	160,966	1/4	145,930	1/4	130,893	1/4	115,857	1/4	85,774
1/2		1/2		1/2	205,638	1/2	190,681	1/2	175,688	1/2	160,653	1/2	145,617	1/2	130,580	1/2	115,544	1/2	85,461
3/4		3/4		3/4	205,328	3/4	190,369	3/4	175,375	3/4	160,340	3/4	145,303	3/4	130,267	3/4	115,230	3/4	85,148
8		8		8	205,018	8	190,056	8	175,062	8	160,026	8	144,990	8	129,954	8	114,917	8	84,834
1/4		1/4		1/4	204,707	1/4	189,744	1/4	174,750	1/4	159,713	1/4	144,677	1/4	129,640	1/4	114,604	1/4	84,521
1/2		1/2		1/2	204,397	1/2	189,432	1/2	174,436	1/2	159,400	1/2	144,363	1/2	129,327	1/2	114,291	1/2	84,207
3/4		3/4		3/4	204,087	3/4	189,119	3/4	174,123	3/4	159,087	3/4	144,050	3/4	129,014	3/4	113,977	3/4	83,894
9		9		9	203,776	9	188,807	9	173,810	9	158,773	9	143,737	9	128,700	9	113,664	9	83,581
1/4		1/4		1/4	203,466	1/4	188,495	1/4	173,497	1/4	158,460	1/4	143,424	1/4	128,387	1/4	113,351	1/4	83,267
1/2		1/2		1/2	203,156	1/2	188,182	1/2	173,183	1/2	158,147	1/2	143,110	1/2	128,074	1/2	113,038	1/2	82,954
3/4		3/4		3/4	202,846	3/4	187,870	3/4	172,870	3/4	157,834	3/4	142,797	3/4	127,761	3/4	112,724	3/4	82,640
10		10		10	202,535	10	187,558	10	172,557	10	157,520	10	142,484	10	127,447	10	112,411	10	82,327
1/4		1/4		1/4	202,225	1/4	187,245	1/4	172,244	1/4	157,207	1/4	142,171	1/4	127,134	1/4	112,098	1/4	82,014
1/2		1/2		1/2	201,915	1/2	186,933	1/2	171,930	1/2	156,894	1/2	141,857	1/2	126,821	1/2	111,784	1/2	81,700
3/4		3/4		3/4	201,605	3/4	186,621	3/4	171,617	3/4	156,581	3/4	141,544	3/4	126,508	3/4	111,471	3/4	81,387
11		11		11	201,294	11	186,308	11	171,304	11	156,267	11	141,231	11	126,194	11	111,158	11	81,074
1/4		1/4		1/4	200,984	1/4	185,996	1/4	170,991	1/4	155,954	1/4	140,918	1/4	125,881	1/4	110,845	1/4	80,760
1/2		1/2		1/2	200,673	1/2	185,684	1/2	170,677	1/2	155,641	1/2	140,604	1/2	125,568	1/2	110,531	1/2	80,447
3/4		3/4		3/4	200,362	3/4	185,371	3/4	170,364	3/4	155,328	3/4	140,291	3/4	125,255	3/4	110,218	3/4	80,133

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.

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# BARGE "HSM 3025"

## 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	79,820	0	64,777	0	49,834	0	34,796	0	19,754	0	5,525	0		0		0		0	
1/4	79,507	1/4	64,464	1/4	49,522	1/4	34,483	1/4	19,440	1/4	5,250	1/4		1/4		1/4		1/4	
1/2	79,193	1/2	64,152	1/2	49,210	1/2	34,169	1/2	19,127	1/2	4,979	1/2		1/2		1/2		1/2	
3/4	78,880	3/4	63,840	3/4	48,897	3/4	33,856	3/4	18,814	3/4	4,709	3/4		3/4		3/4		3/4	
1	78,566	1	63,528	1	48,584	1	33,543	1	18,500	1	4,438	1		1		1		1	
1/4	78,253	1/4	63,216	1/4	48,272	1/4	33,229	1/4	18,187	1/4	4,167	1/4		1/4		1/4		1/4	
1/2	77,940	1/2	62,905	1/2	47,958	1/2	32,916	1/2	17,874	1/2	3,900	1/2		1/2		1/2		1/2	
3/4	77,626	3/4	62,593	3/4	47,645	3/4	32,603	3/4	17,562	3/4	3,633	3/4		3/4		3/4		3/4	
2	77,313	2	62,282	2	47,332	2	32,289	2	17,250	2	3,366	2		2		2		2	
1/4	76,999	1/4	61,971	1/4	47,018	1/4	31,976	1/4	16,937	1/4	3,099	1/4		1/4		1/4		1/4	
1/2	76,686	1/2	61,660	1/2	46,705	1/2	31,662	1/2	16,628	1/2	2,837	1/2		1/2		1/2		1/2	
3/4	76,373	3/4	61,349	3/4	46,391	3/4	31,349	3/4	16,318	3/4	2,575	3/4		3/4		3/4		3/4	
3	76,059	3	61,038	3	46,078	3	31,036	3	16,009	3	2,313	3		3		3		3	
1/4	75,746	1/4	60,727	1/4	45,765	1/4	30,722	1/4	15,699	1/4	2,050	1/4		1/4		1/4		1/4	
1/2	75,432	1/2	60,416	1/2	45,451	1/2	30,409	1/2	15,393	1/2	1,811	1/2		1/2		1/2		1/2	
3/4	75,119	3/4	60,105	3/4	45,138	3/4	30,095	3/4	15,088	3/4	1,572	3/4		3/4		3/4		3/4	
4	74,806	4	59,794	4	44,825	4	29,782	4	14,782	4	1,333	4		4		4		4	
1/4	74,492	1/4	59,483	1/4	44,511	1/4	29,469	1/4	14,476	1/4	1,094	1/4		1/4		1/4		1/4	
1/2	74,179	1/2	59,172	1/2	44,198	1/2	29,155	1/2	14,174	1/2	917	1/2		1/2		1/2		1/2	
3/4	73,865	3/4	58,860	3/4	43,884	3/4	28,842	3/4	13,873	3/4	740	3/4		3/4		3/4		3/4	
5	73,552	5	58,549	5	43,571	5	28,529	5	13,571	5	563	5		5		5		5	
1/4	73,239	1/4	58,238	1/4	43,258	1/4	28,215	1/4	13,269	1/4	386	1/4		1/4		1/4		1/4	
1/2	72,925	1/2	57,927	1/2	42,944	1/2	27,902	1/2	12,971	1/2		1/2		1/2		1/2		1/2	
3/4	72,612	3/4	57,616	3/4	42,631	3/4	27,588	3/4	12,673	3/4		3/4		3/4		3/4		3/4	
6	72,298	6	57,305	6	42,317	6	27,275	6	12,375	6		6		6		6		6	
1/4	71,985	1/4	56,994	1/4	42,004	1/4	26,962	1/4	12,077	1/4		1/4		1/4		1/4		1/4	
1/2	71,672	1/2	56,683	1/2	41,691	1/2	26,648	1/2	11,783	1/2		1/2		1/2		1/2		1/2	
3/4	71,358	3/4	56,372	3/4	41,377	3/4	26,335	3/4	11,489	3/4		3/4		3/4		3/4		3/4	
7	71,045	7	56,061	7	41,064	7	26,021	7	11,195	7		7		7		7		7	
1/4	70,731	1/4	55,750	1/4	40,751	1/4	25,708	1/4	10,901	1/4		1/4		1/4		1/4		1/4	
1/2	70,418	1/2	55,439	1/2	40,437	1/2	25,395	1/2	10,611	1/2		1/2		1/2		1/2		1/2	
3/4	70,105	3/4	55,128	3/4	40,124	3/4	25,081	3/4	10,320	3/4		3/4		3/4		3/4		3/4	
8	69,791	8	54,817	8	39,810	8	24,768	8	10,030	8		8		8		8		8	
1/4	69,478	1/4	54,506	1/4	39,497	1/4	24,454	1/4	9,740	1/4		1/4		1/4		1/4		1/4	
1/2	69,164	1/2	54,195	1/2	39,184	1/2	24,141	1/2	9,454	1/2		1/2		1/2		1/2		1/2	
3/4	68,851	3/4	53,884	3/4	38,870	3/4	23,828	3/4	9,167	3/4		3/4		3/4		3/4		3/4	
9	68,538	9	53,573	9	38,557	9	23,514	9	8,881	9		9		9		9		9	
1/4	68,224	1/4	53,262	1/4	38,243	1/4	23,201	1/4	8,594	1/4		1/4		1/4		1/4		1/4	
1/2	67,911	1/2	52,951	1/2	37,930	1/2	22,888	1/2	8,312	1/2		1/2		1/2		1/2		1/2	
3/4	67,598	3/4	52,640	3/4	37,617	3/4	22,574	3/4	8,029	3/4		3/4		3/4		3/4		3/4	
10	67,284	10	52,328	10	37,303	10	22,261	10	7,747	10		10		10		10		10	
1/4	66,971	1/4	52,017	1/4	36,990	1/4	21,947	1/4	7,464	1/4		1/4		1/4		1/4		1/4	
1/2	66,657	1/2	51,705	1/2	36,677	1/2	21,634	1/2	7,186	1/2		1/2		1/2		1/2		1/2	
3/4	66,344	3/4	51,394	3/4	36,363	3/4	21,321	3/4	6,907	3/4		3/4		3/4		3/4		3/4	
11	66,031	11	51,082	11	36,050	11	21,007	11	6,628	11		11		11		11		11	
1/4	65,717	1/4	50,770	1/4	35,736	1/4	20,694	1/4	6,350	1/4		1/4		1/4		1/4		1/4	
1/2	65,404	1/2	50,458	1/2	35,423	1/2	20,380	1/2	6,075	1/2		1/2		1/2		1/2		1/2	
3/4	65,091	3/4	50,146	3/4	35,110	3/4	20,067	3/4	5,800	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2019 CL  
CALCULATED: 10/28/2019 CL  
PRINTED: 10/29/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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





# BARGE "HSM 3025"

## 1 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	79,937	0	64,890	0	49,851	0	34,805	0	19,759	0	5,527	0		0		0		0	
1/4	79,624	1/4	64,577	1/4	49,538	1/4	34,491	1/4	19,445	1/4	5,252	1/4		1/4		1/4		1/4	
1/2	79,310	1/2	64,263	1/2	49,224	1/2	34,178	1/2	19,132	1/2	4,981	1/2		1/2		1/2		1/2	
3/4	78,997	3/4	63,950	3/4	48,911	3/4	33,864	3/4	18,818	3/4	4,710	3/4		3/4		3/4		3/4	
1	78,683	1	63,636	1	48,597	1	33,551	1	18,505	1	4,439	1		1		1		1	
1/4	78,370	1/4	63,323	1/4	48,284	1/4	33,238	1/4	18,191	1/4	4,168	1/4		1/4		1/4		1/4	
1/2	78,056	1/2	63,010	1/2	47,970	1/2	32,924	1/2	17,879	1/2	3,901	1/2		1/2		1/2		1/2	
3/4	77,743	3/4	62,696	3/4	47,657	3/4	32,611	3/4	17,566	3/4	3,634	3/4		3/4		3/4		3/4	
2	77,429	2	62,383	2	47,343	2	32,297	2	17,254	2	3,367	2		2		2		2	
1/4	77,116	1/4	62,069	1/4	47,030	1/4	31,984	1/4	16,941	1/4	3,100	1/4		1/4		1/4		1/4	
1/2	76,802	1/2	61,756	1/2	46,716	1/2	31,670	1/2	16,632	1/2	2,838	1/2		1/2		1/2		1/2	
3/4	76,489	3/4	61,443	3/4	46,403	3/4	31,357	3/4	16,322	3/4	2,576	3/4		3/4		3/4		3/4	
3	76,175	3	61,129	3	46,090	3	31,043	3	16,013	3	2,313	3		3		3		3	
1/4	75,862	1/4	60,816	1/4	45,776	1/4	30,730	1/4	15,703	1/4	2,051	1/4		1/4		1/4		1/4	
1/2	75,548	1/2	60,503	1/2	45,463	1/2	30,416	1/2	15,397	1/2	1,812	1/2		1/2		1/2		1/2	
3/4	75,235	3/4	60,190	3/4	45,149	3/4	30,103	3/4	15,091	3/4	1,573	3/4		3/4		3/4		3/4	
4	74,921	4	59,876	4	44,836	4	29,789	4	14,786	4	1,334	4		4		4		4	
1/4	74,608	1/4	59,563	1/4	44,522	1/4	29,476	1/4	14,480	1/4	1,095	1/4		1/4		1/4		1/4	
1/2	74,294	1/2	59,250	1/2	44,209	1/2	29,163	1/2	14,178	1/2	918	1/2		1/2		1/2		1/2	
3/4	73,981	3/4	58,937	3/4	43,895	3/4	28,849	3/4	13,876	3/4	740	3/4		3/4		3/4		3/4	
5	73,668	5	58,623	5	43,582	5	28,536	5	13,574	5	563	5		5		5		5	
1/4	73,354	1/4	58,310	1/4	43,268	1/4	28,222	1/4	13,272	1/4	386	1/4		1/4		1/4		1/4	
1/2	73,041	1/2	57,997	1/2	42,955	1/2	27,909	1/2	12,974	1/2		1/2		1/2		1/2		1/2	
3/4	72,727	3/4	57,684	3/4	42,641	3/4	27,595	3/4	12,676	3/4		3/4		3/4		3/4		3/4	
6	72,414	6	57,370	6	42,328	6	27,282	6	12,378	6		6		6		6		6	
1/4	72,100	1/4	57,057	1/4	42,015	1/4	26,968	1/4	12,080	1/4		1/4		1/4		1/4		1/4	
1/2	71,787	1/2	56,744	1/2	41,701	1/2	26,655	1/2	11,786	1/2		1/2		1/2		1/2		1/2	
3/4	71,473	3/4	56,431	3/4	41,388	3/4	26,341	3/4	11,492	3/4		3/4		3/4		3/4		3/4	
7	71,160	7	56,117	7	41,074	7	26,028	7	11,198	7		7		7		7		7	
1/4	70,846	1/4	55,804	1/4	40,761	1/4	25,714	1/4	10,904	1/4		1/4		1/4		1/4		1/4	
1/2	70,533	1/2	55,491	1/2	40,447	1/2	25,401	1/2	10,613	1/2		1/2		1/2		1/2		1/2	
3/4	70,219	3/4	55,178	3/4	40,134	3/4	25,088	3/4	10,323	3/4		3/4		3/4		3/4		3/4	
8	69,906	8	54,864	8	39,820	8	24,774	8	10,033	8		8		8		8		8	
1/4	69,592	1/4	54,551	1/4	39,507	1/4	24,461	1/4	9,742	1/4		1/4		1/4		1/4		1/4	
1/2	69,279	1/2	54,238	1/2	39,193	1/2	24,147	1/2	9,456	1/2		1/2		1/2		1/2		1/2	
3/4	68,965	3/4	53,925	3/4	38,880	3/4	23,834	3/4	9,170	3/4		3/4		3/4		3/4		3/4	
9	68,652	9	53,612	9	38,566	9	23,520	9	8,883	9		9		9		9		9	
1/4	68,339	1/4	53,298	1/4	38,253	1/4	23,207	1/4	8,597	1/4		1/4		1/4		1/4		1/4	
1/2	68,025	1/2	52,985	1/2	37,940	1/2	22,893	1/2	8,314	1/2		1/2		1/2		1/2		1/2	
3/4	67,712	3/4	52,672	3/4	37,626	3/4	22,580	3/4	8,031	3/4		3/4		3/4		3/4		3/4	
10	67,398	10	52,358	10	37,313	10	22,266	10	7,749	10		10		10		10		10	
1/4	67,085	1/4	52,045	1/4	36,999	1/4	21,953	1/4	7,466	1/4		1/4		1/4		1/4		1/4	
1/2	66,771	1/2	51,732	1/2	36,686	1/2	21,639	1/2	7,188	1/2		1/2		1/2		1/2		1/2	
3/4	66,458	3/4	51,418	3/4	36,372	3/4	21,326	3/4	6,909	3/4		3/4		3/4		3/4		3/4	
11	66,144	11	51,105	11	36,059	11	21,013	11	6,630	11		11		11		11		11	
1/4	65,831	1/4	50,791	1/4	35,745	1/4	20,699	1/4	6,351	1/4		1/4		1/4		1/4		1/4	
1/2	65,517	1/2	50,478	1/2	35,432	1/2	20,386	1/2	6,076	1/2		1/2		1/2		1/2		1/2	
3/4	65,204	3/4	50,165	3/4	35,118	3/4	20,072	3/4	5,802	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2019 CL  
CALCULATED: 10/28/2019 CL  
PRINTED: 10/29/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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



# BARGE "HSM 3025"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	201,506	0	186,472	0	171,419	0	156,334	0	141,249	0	126,165	0	111,080	0	95,989		
1/4		1/4		1/4	201,193	1/4	186,159	1/4	171,104	1/4	156,020	1/4	140,935	1/4	125,850	1/4	110,766	1/4	95,674		
1/2		1/2		1/2	200,879	1/2	185,846	1/2	170,790	1/2	155,706	1/2	140,621	1/2	125,536	1/2	110,452	1/2	95,360		
3/4		3/4		3/4	200,566	3/4	185,533	3/4	170,476	3/4	155,391	3/4	140,307	3/4	125,222	3/4	110,137	3/4	95,045		
1		1		1	200,253	1	185,220	1	170,162	1	155,077	1	139,992	1	124,908	1	109,823	1	94,731		
1/4		1/4		1/4	199,940	1/4	184,906	1/4	169,847	1/4	154,763	1/4	139,678	1/4	124,593	1/4	109,509	1/4	94,417		
1/2		1/2		1/2	199,627	1/2	184,593	1/2	169,533	1/2	154,448	1/2	139,364	1/2	124,279	1/2	109,194	1/2	94,102		
3/4		3/4	213,256	3/4	199,313	3/4	184,280	3/4	169,219	3/4	154,134	3/4	139,050	3/4	123,965	3/4	108,880	3/4	93,788		
2		2	213,077	2	199,000	2	183,967	2	168,905	2	153,820	2	138,735	2	123,651	2	108,565	2	93,473		
1/4		1/4	212,898	1/4	198,687	1/4	183,654	1/4	168,590	1/4	153,506	1/4	138,421	1/4	123,336	1/4	108,251	1/4	93,159		
1/2		1/2	212,718	1/2	198,374	1/2	183,340	1/2	168,276	1/2	153,191	1/2	138,107	1/2	123,022	1/2	107,937	1/2	92,844		
3/4		3/4	212,539	3/4	198,061	3/4	183,027	3/4	167,962	3/4	152,877	3/4	137,792	3/4	122,708	3/4	107,622	3/4	92,530		
3		3	212,307	3	197,748	3	182,714	3	167,648	3	152,563	3	137,478	3	122,394	3	107,308	3	92,216		
1/4		1/4	212,076	1/4	197,434	1/4	182,401	1/4	167,333	1/4	152,249	1/4	137,164	1/4	122,079	1/4	106,993	1/4	91,901		
1/2		1/2	211,844	1/2	197,121	1/2	182,088	1/2	167,019	1/2	151,934	1/2	136,850	1/2	121,765	1/2	106,679	1/2	91,587		
3/4		3/4	211,613	3/4	196,808	3/4	181,774	3/4	166,705	3/4	151,620	3/4	136,535	3/4	121,451	3/4	106,365	3/4	91,272		
4		4	211,332	4	196,495	4	181,461	4	166,390	4	151,306	4	136,221	4	121,137	4	106,050	4	90,958		
1/4		1/4	211,052	1/4	196,182	1/4	181,148	1/4	166,076	1/4	150,992	1/4	135,907	1/4	120,822	1/4	105,736	1/4	90,643		
1/2		1/2	210,772	1/2	195,868	1/2	180,835	1/2	165,762	1/2	150,677	1/2	135,593	1/2	120,508	1/2	105,421	1/2	90,329		
3/4		3/4	210,492	3/4	195,555	3/4	180,522	3/4	165,448	3/4	150,363	3/4	135,278	3/4	120,194	3/4	105,107	3/4	90,015		
5		5	210,185	5	195,242	5	180,208	5	165,133	5	150,049	5	134,964	5	119,879	5	104,792	5	89,700		
1/4		1/4	209,879	1/4	194,929	1/4	179,895	1/4	164,819	1/4	149,734	1/4	134,650	1/4	119,565	1/4	104,478	1/4	89,386		
1/2		1/2	209,573	1/2	194,616	1/2	179,582	1/2	164,505	1/2	149,420	1/2	134,336	1/2	119,251	1/2	104,164	1/2	89,071		
3/4		3/4	209,267	3/4	194,302	3/4	179,269	3/4	164,191	3/4	149,106	3/4	134,021	3/4	118,937	3/4	103,849	3/4	88,757		
6		6	208,958	6	193,989	6	178,956	6	163,876	6	148,792	6	133,707	6	118,622	6	103,535	6	88,443		
1/4		1/4	208,648	1/4	193,676	1/4	178,642	1/4	163,562	1/4	148,477	1/4	133,393	1/4	118,308	1/4	103,220	1/4	88,128		
1/2		1/2	208,338	1/2	193,363	1/2	178,329	1/2	163,248	1/2	148,163	1/2	133,079	1/2	117,994	1/2	102,906	1/2	87,814		
3/4		3/4	208,028	3/4	193,050	3/4	178,016	3/4	162,934	3/4	147,849	3/4	132,764	3/4	117,680	3/4	102,591	3/4	87,499		
7		7	207,718	7	192,736	7	177,702	7	162,619	7	147,535	7	132,450	7	117,365	7	102,277	7	87,185		
1/4		1/4	207,408	1/4	192,423	1/4	177,389	1/4	162,305	1/4	147,220	1/4	132,136	1/4	117,051	1/4	101,963	1/4	86,870		
1/2		1/2	207,098	1/2	192,110	1/2	177,075	1/2	161,991	1/2	146,906	1/2	131,821	1/2	116,737	1/2	101,648	1/2	86,556		
3/4		3/4	206,788	3/4	191,797	3/4	176,761	3/4	161,677	3/4	146,592	3/4	131,507	3/4	116,423	3/4	101,334	3/4	86,242		
8		8	206,477	8	191,484	8	176,447	8	161,362	8	146,278	8	131,193	8	116,108	8	101,019	8	85,927		
1/4		1/4	206,167	1/4	191,170	1/4	176,133	1/4	161,048	1/4	145,963	1/4	130,879	1/4	115,794	1/4	100,705	1/4	85,613		
1/2		1/2	205,857	1/2	190,857	1/2	175,818	1/2	160,734	1/2	145,649	1/2	130,564	1/2	115,480	1/2	100,391	1/2	85,298		
3/4		3/4	205,547	3/4	190,544	3/4	175,504	3/4	160,419	3/4	145,335	3/4	130,250	3/4	115,165	3/4	100,076	3/4	84,984		
9		9	205,237	9	190,231	9	175,190	9	160,105	9	145,021	9	129,936	9	114,851	9	99,762	9	84,669		
1/4		1/4	204,926	1/4	189,918	1/4	174,876	1/4	159,791	1/4	144,706	1/4	129,622	1/4	114,537	1/4	99,447	1/4	84,355		
1/2		1/2	204,616	1/2	189,604	1/2	174,561	1/2	159,477	1/2	144,392	1/2	129,307	1/2	114,223	1/2	99,133	1/2	84,041		
3/4		3/4	204,306	3/4	189,291	3/4	174,247	3/4	159,162	3/4	144,078	3/4	128,993	3/4	113,908	3/4	98,818	3/4	83,726		
10		10	203,996	10	188,978	10	173,933	10	158,848	10	143,763	10	128,679	10	113,594	10	98,504	10	83,412		
1/4		1/4	203,686	1/4	188,665	1/4	173,619	1/4	158,534	1/4	143,449	1/4	128,365	1/4	113,280	1/4	98,190	1/4	83,097		
1/2		1/2	203,376	1/2	188,352	1/2	173,304	1/2	158,220	1/2	143,135	1/2	128,050	1/2	112,966	1/2	97,875	1/2	82,783		
3/4		3/4	203,066	3/4	188,038	3/4	172,990	3/4	157,905	3/4	142,821	3/4	127,736	3/4	112,651	3/4	97,561	3/4	82,469		
11		11	202,754	11	187,725	11	172,676	11	157,591	11	142,506	11	127,422	11	112,337	11	97,246	11	82,154		
1/4		1/4	202,442	1/4	187,412	1/4	172,361	1/4	157,277	1/4	142,192	1/4	127,108	1/4	112,023	1/4	96,932	1/4	81,840		
1/2		1/2	202,131	1/2	187,099	1/2	172,047	1/2	156,963	1/2	141,878	1/2	126,793	1/2	111,709	1/2	96,617	1/2	81,525		
3/4		3/4	201,819	3/4	186,786	3/4	171,733	3/4	156,648	3/4	141,564	3/4	126,479	3/4	111,394	3/4	96,303	3/4	81,211		

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 3025"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	80,896	0	65,810	0	51,266	0	36,769	0	21,698	0	6,606	0		0		0		0	
1/4	80,582	1/4	65,502	1/4	50,964	1/4	36,461	1/4	21,383	1/4	6,291	1/4		1/4		1/4		1/4	
1/2	80,268	1/2	65,193	1/2	50,662	1/2	36,152	1/2	21,069	1/2	5,977	1/2		1/2		1/2		1/2	
3/4	79,953	3/4	64,884	3/4	50,359	3/4	35,844	3/4	20,754	3/4	5,663	3/4		3/4		3/4		3/4	
1	79,639	1	64,582	1	50,058	1	35,529	1	20,440	1	5,349	1		1		1		1	
1/4	79,324	1/4	64,279	1/4	49,756	1/4	35,215	1/4	20,126	1/4	5,034	1/4		1/4		1/4		1/4	
1/2	79,010	1/2	63,977	1/2	49,454	1/2	34,901	1/2	19,811	1/2	4,720	1/2		1/2		1/2		1/2	
3/4	78,695	3/4	63,674	3/4	49,152	3/4	34,586	3/4	19,497	3/4	4,406	3/4		3/4		3/4		3/4	
2	78,381	2	63,371	2	48,850	2	34,272	2	19,182	2	4,093	2		2		2		2	
1/4	78,067	1/4	63,069	1/4	48,548	1/4	33,957	1/4	18,868	1/4	3,779	1/4		1/4		1/4		1/4	
1/2	77,752	1/2	62,766	1/2	48,246	1/2	33,643	1/2	18,553	1/2	3,466	1/2		1/2		1/2		1/2	
3/4	77,438	3/4	62,463	3/4	47,945	3/4	33,329	3/4	18,239	3/4	3,152	3/4		3/4		3/4		3/4	
3	77,123	3	62,161	3	47,643	3	33,014	3	17,925	3	2,858	3		3		3		3	
1/4	76,809	1/4	61,858	1/4	47,341	1/4	32,700	1/4	17,610	1/4	2,564	1/4		1/4		1/4		1/4	
1/2	76,494	1/2	61,556	1/2	47,039	1/2	32,385	1/2	17,296	1/2	2,270	1/2		1/2		1/2		1/2	
3/4	76,180	3/4	61,253	3/4	46,738	3/4	32,071	3/4	16,981	3/4	1,977	3/4		3/4		3/4		3/4	
4	75,866	4	60,950	4	46,436	4	31,756	4	16,667	4	1,741	4		4		4		4	
1/4	75,551	1/4	60,648	1/4	46,134	1/4	31,442	1/4	16,353	1/4	1,505	1/4		1/4		1/4		1/4	
1/2	75,237	1/2	60,345	1/2	45,833	1/2	31,128	1/2	16,038	1/2	1,269	1/2		1/2		1/2		1/2	
3/4	74,922	3/4	60,042	3/4	45,531	3/4	30,813	3/4	15,724	3/4	1,033	3/4		3/4		3/4		3/4	
5	74,608	5	59,740	5	45,229	5	30,499	5	15,409	5		5		5		5		5	
1/4	74,294	1/4	59,437	1/4	44,928	1/4	30,185	1/4	15,095	1/4		1/4		1/4		1/4		1/4	
1/2	73,979	1/2	59,134	1/2	44,626	1/2	29,870	1/2	14,781	1/2		1/2		1/2		1/2		1/2	
3/4	73,665	3/4	58,832	3/4	44,324	3/4	29,556	3/4	14,466	3/4		3/4		3/4		3/4		3/4	
6	73,350	6	58,529	6	44,022	6	29,242	6	14,152	6		6		6		6		6	
1/4	73,036	1/4	58,227	1/4	43,721	1/4	28,927	1/4	13,837	1/4		1/4		1/4		1/4		1/4	
1/2	72,721	1/2	57,924	1/2	43,419	1/2	28,613	1/2	13,523	1/2		1/2		1/2		1/2		1/2	
3/4	72,407	3/4	57,621	3/4	43,117	3/4	28,299	3/4	13,208	3/4		3/4		3/4		3/4		3/4	
7	72,093	7	57,319	7	42,816	7	27,985	7	12,894	7		7		7		7		7	
1/4	71,778	1/4	57,016	1/4	42,514	1/4	27,671	1/4	12,580	1/4		1/4		1/4		1/4		1/4	
1/2	71,464	1/2	56,713	1/2	42,212	1/2	27,357	1/2	12,265	1/2		1/2		1/2		1/2		1/2	
3/4	71,149	3/4	56,411	3/4	41,911	3/4	27,042	3/4	11,951	3/4		3/4		3/4		3/4		3/4	
8	70,835	8	56,108	8	41,609	8	26,728	8	11,636	8		8		8		8		8	
1/4	70,520	1/4	55,805	1/4	41,307	1/4	26,414	1/4	11,322	1/4		1/4		1/4		1/4		1/4	
1/2	70,206	1/2	55,503	1/2	41,006	1/2	26,099	1/2	11,008	1/2		1/2		1/2		1/2		1/2	
3/4	69,892	3/4	55,200	3/4	40,704	3/4	25,785	3/4	10,693	3/4		3/4		3/4		3/4		3/4	
9	69,577	9	54,898	9	40,402	9	25,471	9	10,379	9		9		9		9		9	
1/4	69,263	1/4	54,595	1/4	40,100	1/4	25,156	1/4	10,064	1/4		1/4		1/4		1/4		1/4	
1/2	68,948	1/2	54,292	1/2	39,799	1/2	24,842	1/2	9,750	1/2		1/2		1/2		1/2		1/2	
3/4	68,634	3/4	53,990	3/4	39,497	3/4	24,527	3/4	9,436	3/4		3/4		3/4		3/4		3/4	
10	68,320	10	53,687	10	39,195	10	24,213	10	9,121	10		10		10		10		10	
1/4	68,005	1/4	53,384	1/4	38,893	1/4	23,898	1/4	8,807	1/4		1/4		1/4		1/4		1/4	
1/2	67,691	1/2	53,082	1/2	38,591	1/2	23,584	1/2	8,492	1/2		1/2		1/2		1/2		1/2	
3/4	67,376	3/4	52,779	3/4	38,288	3/4	23,270	3/4	8,178	3/4		3/4		3/4		3/4		3/4	
11	67,062	11	52,476	11	37,986	11	22,955	11	7,863	11		11		11		11		11	
1/4	66,747	1/4	52,174	1/4	37,683	1/4	22,641	1/4	7,549	1/4		1/4		1/4		1/4		1/4	
1/2	66,433	1/2	51,871	1/2	37,381	1/2	22,326	1/2	7,235	1/2		1/2		1/2		1/2		1/2	
3/4	66,119	3/4	51,569	3/4	37,078	3/4	22,012	3/4	6,920	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2019 CL  
CALCULATED: 10/28/2019 CL  
PRINTED: 10/29/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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





# BARGE "HSM 3025"

## 2 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	202,903	0	187,873	0	172,824	0	157,743	0	142,662	0	127,581	0	112,500	0	97,413
1/4		1/4		1/4	202,590	1/4	187,560	1/4	172,510	1/4	157,429	1/4	142,348	1/4	127,267	1/4	112,186	1/4	97,098
1/2		1/2		1/2	202,277	1/2	187,247	1/2	172,196	1/2	157,115	1/2	142,034	1/2	126,953	1/2	111,872	1/2	96,784
3/4		3/4		3/4	201,964	3/4	186,934	3/4	171,882	3/4	156,801	3/4	141,720	3/4	126,639	3/4	111,558	3/4	96,470
1		1		1	201,651	1	186,621	1	171,567	1	156,486	1	141,405	1	126,324	1	111,243	1	96,155
1/4		1/4		1/4	201,337	1/4	186,308	1/4	171,253	1/4	156,172	1/4	141,091	1/4	126,010	1/4	110,929	1/4	95,841
1/2		1/2		1/2	201,024	1/2	185,995	1/2	170,939	1/2	155,858	1/2	140,777	1/2	125,696	1/2	110,615	1/2	95,526
3/4		3/4		3/4	200,711	3/4	185,681	3/4	170,625	3/4	155,544	3/4	140,463	3/4	125,382	3/4	110,301	3/4	95,212
2		2	214,337	2	200,398	2	185,368	2	170,311	2	155,230	2	140,149	2	125,068	2	109,986	2	94,898
1/4		1/4	214,158	1/4	200,085	1/4	185,055	1/4	169,997	1/4	154,916	1/4	139,835	1/4	124,754	1/4	109,672	1/4	94,583
1/2		1/2	213,979	1/2	199,772	1/2	184,742	1/2	169,682	1/2	154,601	1/2	139,520	1/2	124,439	1/2	109,358	1/2	94,269
3/4		3/4	213,800	3/4	199,459	3/4	184,429	3/4	169,368	3/4	154,287	3/4	139,206	3/4	124,125	3/4	109,043	3/4	93,955
3		3	213,621	3	199,146	3	184,116	3	169,054	3	153,973	3	138,892	3	123,811	3	108,729	3	93,640
1/4		1/4	213,389	1/4	198,833	1/4	183,803	1/4	168,740	1/4	153,659	1/4	138,578	1/4	123,497	1/4	108,415	1/4	93,326
1/2		1/2	213,158	1/2	198,519	1/2	183,490	1/2	168,426	1/2	153,345	1/2	138,264	1/2	123,183	1/2	108,100	1/2	93,012
3/4		3/4	212,926	3/4	198,206	3/4	183,176	3/4	168,111	3/4	153,030	3/4	137,949	3/4	122,868	3/4	107,786	3/4	92,697
4		4	212,694	4	197,893	4	182,863	4	167,797	4	152,716	4	137,635	4	122,554	4	107,472	4	92,383
1/4		1/4	212,414	1/4	197,580	1/4	182,550	1/4	167,483	1/4	152,402	1/4	137,321	1/4	122,240	1/4	107,157	1/4	92,069
1/2		1/2	212,134	1/2	197,267	1/2	182,237	1/2	167,169	1/2	152,088	1/2	137,007	1/2	121,926	1/2	106,843	1/2	91,754
3/4		3/4	211,854	3/4	196,954	3/4	181,924	3/4	166,855	3/4	151,774	3/4	136,693	3/4	121,612	3/4	106,529	3/4	91,440
5		5	211,574	5	196,641	5	181,611	5	166,540	5	151,459	5	136,378	5	121,297	5	106,214	5	91,126
1/4		1/4	211,268	1/4	196,328	1/4	181,298	1/4	166,226	1/4	151,145	1/4	136,064	1/4	120,983	1/4	105,900	1/4	90,811
1/2		1/2	210,962	1/2	196,014	1/2	180,985	1/2	165,912	1/2	150,831	1/2	135,750	1/2	120,669	1/2	105,586	1/2	90,497
3/4		3/4	210,656	3/4	195,701	3/4	180,671	3/4	165,598	3/4	150,517	3/4	135,436	3/4	120,355	3/4	105,271	3/4	90,183
6		6	210,350	6	195,388	6	180,358	6	165,284	6	150,203	6	135,122	6	120,041	6	104,957	6	89,868
1/4		1/4	210,040	1/4	195,075	1/4	180,045	1/4	164,970	1/4	149,889	1/4	134,808	1/4	119,727	1/4	104,643	1/4	89,554
1/2		1/2	209,730	1/2	194,762	1/2	179,732	1/2	164,655	1/2	149,574	1/2	134,493	1/2	119,412	1/2	104,328	1/2	89,240
3/4		3/4	209,421	3/4	194,449	3/4	179,419	3/4	164,341	3/4	149,260	3/4	134,179	3/4	119,098	3/4	104,014	3/4	88,925
7		7	209,111	7	194,136	7	179,106	7	164,027	7	148,946	7	133,865	7	118,784	7	103,699	7	88,611
1/4		1/4	208,801	1/4	193,823	1/4	178,792	1/4	163,713	1/4	148,632	1/4	133,551	1/4	118,470	1/4	103,385	1/4	88,297
1/2		1/2	208,491	1/2	193,509	1/2	178,479	1/2	163,399	1/2	148,318	1/2	133,237	1/2	118,156	1/2	103,071	1/2	87,982
3/4		3/4	208,181	3/4	193,196	3/4	178,165	3/4	163,084	3/4	148,003	3/4	132,922	3/4	117,841	3/4	102,756	3/4	87,668
8		8	207,871	8	192,883	8	177,851	8	162,770	8	147,689	8	132,608	8	117,527	8	102,442	8	87,354
1/4		1/4	207,560	1/4	192,570	1/4	177,537	1/4	162,456	1/4	147,375	1/4	132,294	1/4	117,213	1/4	102,128	1/4	87,039
1/2		1/2	207,250	1/2	192,257	1/2	177,223	1/2	162,142	1/2	147,061	1/2	131,980	1/2	116,899	1/2	101,813	1/2	86,725
3/4		3/4	206,940	3/4	191,944	3/4	176,909	3/4	161,828	3/4	146,747	3/4	131,666	3/4	116,585	3/4	101,499	3/4	86,410
9		9	206,630	9	191,631	9	176,594	9	161,513	9	146,432	9	131,351	9	116,270	9	101,185	9	86,096
1/4		1/4	206,320	1/4	191,318	1/4	176,280	1/4	161,199	1/4	146,118	1/4	131,037	1/4	115,956	1/4	100,870	1/4	85,782
1/2		1/2	206,010	1/2	191,004	1/2	175,966	1/2	160,885	1/2	145,804	1/2	130,723	1/2	115,642	1/2	100,556	1/2	85,467
3/4		3/4	205,700	3/4	190,691	3/4	175,652	3/4	160,571	3/4	145,490	3/4	130,409	3/4	115,328	3/4	100,242	3/4	85,153
10		10	205,389	10	190,378	10	175,338	10	160,257	10	145,176	10	130,095	10	115,014	10	99,927	10	84,839
1/4		1/4	205,079	1/4	190,065	1/4	175,024	1/4	159,943	1/4	144,862	1/4	129,781	1/4	114,700	1/4	99,613	1/4	84,524
1/2		1/2	204,769	1/2	189,752	1/2	174,709	1/2	159,628	1/2	144,547	1/2	129,466	1/2	114,385	1/2	99,299	1/2	84,210
3/4		3/4	204,459	3/4	189,439	3/4	174,395	3/4	159,314	3/4	144,233	3/4	129,152	3/4	114,071	3/4	98,984	3/4	83,896
11		11	204,149	11	189,126	11	174,081	11	159,000	11	143,919	11	128,838	11	113,757	11	98,670	11	83,581
1/4		1/4	203,838	1/4	188,813	1/4	173,767	1/4	158,686	1/4	143,605	1/4	128,524	1/4	113,443	1/4	98,356	1/4	83,267
1/2		1/2	203,526	1/2	188,500	1/2	173,453	1/2	158,372	1/2	143,291	1/2	128,210	1/2	113,129	1/2	98,041	1/2	82,953
3/4		3/4	203,215	3/4	188,186	3/4	173,138	3/4	158,057	3/4	142,976	3/4	127,895	3/4	112,814	3/4	97,727	3/4	82,638

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 3025"

## 2 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	82,324	0	67,235	0	52,147	0	37,094	0	22,007	0	6,919	0		0		0		0	
1/4	82,010	1/4	66,921	1/4	51,833	1/4	36,779	1/4	21,693	1/4	6,605	1/4		1/4		1/4		1/4	
1/2	81,695	1/2	66,607	1/2	51,519	1/2	36,465	1/2	21,379	1/2	6,290	1/2		1/2		1/2		1/2	
3/4	81,381	3/4	66,292	3/4	51,205	3/4	36,151	3/4	21,064	3/4	5,976	3/4		3/4		3/4		3/4	
1	81,067	1	65,978	1	50,891	1	35,836	1	20,750	1	5,662	1		1		1		1	
1/4	80,752	1/4	65,664	1/4	50,577	1/4	35,522	1/4	20,436	1/4	5,348	1/4		1/4		1/4		1/4	
1/2	80,438	1/2	65,349	1/2	50,264	1/2	35,208	1/2	20,121	1/2	5,033	1/2		1/2		1/2		1/2	
3/4	80,124	3/4	65,035	3/4	49,950	3/4	34,893	3/4	19,807	3/4	4,719	3/4		3/4		3/4		3/4	
2	79,809	2	64,721	2	49,636	2	34,579	2	19,493	2	4,405	2		2		2		2	
1/4	79,495	1/4	64,406	1/4	49,323	1/4	34,265	1/4	19,178	1/4	4,092	1/4		1/4		1/4		1/4	
1/2	79,181	1/2	64,092	1/2	49,009	1/2	33,950	1/2	18,864	1/2	3,779	1/2		1/2		1/2		1/2	
3/4	78,866	3/4	63,778	3/4	48,696	3/4	33,636	3/4	18,550	3/4	3,465	3/4		3/4		3/4		3/4	
3	78,552	3	63,463	3	48,382	3	33,322	3	18,235	3	3,152	3		3		3		3	
1/4	78,237	1/4	63,149	1/4	48,069	1/4	33,007	1/4	17,921	1/4	2,858	1/4		1/4		1/4		1/4	
1/2	77,923	1/2	62,835	1/2	47,755	1/2	32,693	1/2	17,607	1/2	2,564	1/2		1/2		1/2		1/2	
3/4	77,609	3/4	62,520	3/4	47,442	3/4	32,379	3/4	17,292	3/4	2,270	3/4		3/4		3/4		3/4	
4	77,294	4	62,206	4	47,129	4	32,064	4	16,978	4	1,976	4		4		4		4	
1/4	76,980	1/4	61,892	1/4	46,815	1/4	31,750	1/4	16,664	1/4	1,741	1/4		1/4		1/4		1/4	
1/2	76,666	1/2	61,577	1/2	46,502	1/2	31,435	1/2	16,349	1/2	1,505	1/2		1/2		1/2		1/2	
3/4	76,351	3/4	61,263	3/4	46,188	3/4	31,121	3/4	16,035	3/4	1,269	3/4		3/4		3/4		3/4	
5	76,037	5	60,948	5	45,875	5	30,807	5	15,721	5	1,033	5		5		5		5	
1/4	75,723	1/4	60,634	1/4	45,561	1/4	30,493	1/4	15,406	1/4		1/4		1/4		1/4		1/4	
1/2	75,408	1/2	60,320	1/2	45,248	1/2	30,178	1/2	15,092	1/2		1/2		1/2		1/2		1/2	
3/4	75,094	3/4	60,005	3/4	44,935	3/4	29,864	3/4	14,778	3/4		3/4		3/4		3/4		3/4	
6	74,780	6	59,691	6	44,621	6	29,550	6	14,463	6		6		6		6		6	
1/4	74,465	1/4	59,377	1/4	44,308	1/4	29,236	1/4	14,149	1/4		1/4		1/4		1/4		1/4	
1/2	74,151	1/2	59,062	1/2	43,994	1/2	28,921	1/2	13,834	1/2		1/2		1/2		1/2		1/2	
3/4	73,837	3/4	58,748	3/4	43,681	3/4	28,607	3/4	13,520	3/4		3/4		3/4		3/4		3/4	
7	73,522	7	58,434	7	43,368	7	28,293	7	13,206	7		7		7		7		7	
1/4	73,208	1/4	58,119	1/4	43,054	1/4	27,979	1/4	12,891	1/4		1/4		1/4		1/4		1/4	
1/2	72,894	1/2	57,805	1/2	42,741	1/2	27,665	1/2	12,577	1/2		1/2		1/2		1/2		1/2	
3/4	72,579	3/4	57,491	3/4	42,427	3/4	27,351	3/4	12,263	3/4		3/4		3/4		3/4		3/4	
8	72,265	8	57,176	8	42,114	8	27,037	8	11,948	8		8		8		8		8	
1/4	71,951	1/4	56,862	1/4	41,800	1/4	26,722	1/4	11,634	1/4		1/4		1/4		1/4		1/4	
1/2	71,636	1/2	56,548	1/2	41,487	1/2	26,408	1/2	11,320	1/2		1/2		1/2		1/2		1/2	
3/4	71,322	3/4	56,233	3/4	41,174	3/4	26,094	3/4	11,005	3/4		3/4		3/4		3/4		3/4	
9	71,008	9	55,919	9	40,860	9	25,780	9	10,691	9		9		9		9		9	
1/4	70,693	1/4	55,605	1/4	40,547	1/4	25,465	1/4	10,377	1/4		1/4		1/4		1/4		1/4	
1/2	70,379	1/2	55,290	1/2	40,233	1/2	25,151	1/2	10,062	1/2		1/2		1/2		1/2		1/2	
3/4	70,065	3/4	54,976	3/4	39,920	3/4	24,837	3/4	9,748	3/4		3/4		3/4		3/4		3/4	
10	69,750	10	54,662	10	39,607	10	24,522	10	9,434	10		10		10		10		10	
1/4	69,436	1/4	54,347	1/4	39,293	1/4	24,208	1/4	9,119	1/4		1/4		1/4		1/4		1/4	
1/2	69,121	1/2	54,033	1/2	38,979	1/2	23,894	1/2	8,805	1/2		1/2		1/2		1/2		1/2	
3/4	68,807	3/4	53,719	3/4	38,665	3/4	23,579	3/4	8,491	3/4		3/4		3/4		3/4		3/4	
11	68,493	11	53,404	11	38,351	11	23,265	11	8,176	11		11		11		11		11	
1/4	68,178	1/4	53,090	1/4	38,037	1/4	22,950	1/4	7,862	1/4		1/4		1/4		1/4		1/4	
1/2	67,864	1/2	52,776	1/2	37,722	1/2	22,636	1/2	7,548	1/2		1/2		1/2		1/2		1/2	
3/4	67,550	3/4	52,461	3/4	37,408	3/4	22,322	3/4	7,233	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2019 CL  
CALCULATED: 10/28/2019 CL  
PRINTED: 10/29/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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



# BARGE "HSM 3025"

# 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

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	184,340	0	174,006	0	163,659	0	153,288	0	141,314	0	126,345	0	111,376	0	96,394
1/4	1/4	1/4	1/4	1/4	184,125	1/4	173,791	1/4	163,443	1/4	153,072	1/4	141,002	1/4	126,034	1/4	111,065	1/4	96,082
1/2	1/2	1/2	1/2	1/2	183,910	1/2	173,575	1/2	163,226	1/2	152,856	1/2	140,691	1/2	125,722	1/2	110,753	1/2	95,770
3/4	3/4	3/4	3/4	3/4	183,694	3/4	173,360	3/4	163,010	3/4	152,640	3/4	140,379	3/4	125,410	3/4	110,441	3/4	95,458
1		1		1	183,479	1	173,145	1	162,794	1	152,423	1	140,067	1	125,098	1	110,129	1	95,146
1/4	1/4	1/4	1/4	1/4	183,264	1/4	172,929	1/4	162,578	1/4	152,207	1/4	139,755	1/4	124,786	1/4	109,817	1/4	94,834
1/2	1/2	1/2	1/2	1/2	183,048	1/2	172,714	1/2	162,362	1/2	151,991	1/2	139,443	1/2	124,474	1/2	109,505	1/2	94,522
3/4	3/4	3/4	3/4	3/4	182,833	3/4	172,499	3/4	162,146	3/4	151,775	3/4	139,131	3/4	124,162	3/4	109,193	3/4	94,210
2		2		2	182,618	2	172,284	2	161,930	2	151,559	2	138,820	2	123,851	2	108,881	2	93,898
1/4	1/4	1/4	1/4	1/4	182,403	1/4	172,068	1/4	161,714	1/4	151,343	1/4	138,508	1/4	123,539	1/4	108,569	1/4	93,586
1/2	1/2	1/2	1/2	1/2	182,187	1/2	171,853	1/2	161,498	1/2	151,127	1/2	138,196	1/2	123,227	1/2	108,257	1/2	93,274
3/4	3/4	3/4	3/4	3/4	181,972	3/4	171,638	3/4	161,282	3/4	150,911	3/4	137,884	3/4	122,915	3/4	107,946	3/4	92,962
3		3		3	181,757	3	171,422	3	161,066	3	150,695	3	137,572	3	122,603	3	107,634	3	92,650
1/4	1/4	1/4	1/4	1/4	181,541	1/4	171,207	1/4	160,850	1/4	150,479	1/4	137,260	1/4	122,291	1/4	107,322	1/4	92,338
1/2	1/2	1/2	1/2	1/2	181,326	1/2	170,992	1/2	160,634	1/2	150,263	1/2	136,948	1/2	121,979	1/2	107,009	1/2	92,026
3/4	3/4	3/4	3/4	3/4	181,111	3/4	170,776	3/4	160,418	3/4	150,047	3/4	136,637	3/4	121,668	3/4	106,697	3/4	91,714
4		4		4	180,896	4	170,561	4	160,202	4	149,831	4	136,325	4	121,356	4	106,385	4	91,402
1/4	1/4	1/4	1/4	1/4	180,680	1/4	170,346	1/4	159,986	1/4	149,615	1/4	136,013	1/4	121,044	1/4	106,073	1/4	91,090
1/2	1/2	1/2	1/2	1/2	180,465	1/2	170,131	1/2	159,770	1/2	149,395	1/2	135,701	1/2	120,732	1/2	105,761	1/2	90,778
3/4	3/4	3/4	3/4	3/4	180,250	3/4	169,915	3/4	159,553	3/4	149,176	3/4	135,389	3/4	120,420	3/4	105,449	3/4	90,466
5		5		5	180,034	5	169,700	5	159,337	5	148,956	5	135,077	5	120,108	5	105,136	5	90,154
1/4	1/4	1/4	1/4	1/4	179,819	1/4	169,485	1/4	159,121	1/4	148,736	1/4	134,765	1/4	119,796	1/4	104,824	1/4	89,842
1/2	1/2	1/2	1/2	1/2	179,604	1/2	169,269	1/2	158,905	1/2	148,505	1/2	134,454	1/2	119,485	1/2	104,512	1/2	89,529
3/4	3/4	3/4	3/4	3/4	179,388	3/4	169,054	3/4	158,689	3/4	148,274	3/4	134,142	3/4	119,173	3/4	104,199	3/4	89,217
6		6		6	179,173	6	168,839	6	158,473	6	148,043	6	133,830	6	118,861	6	103,887	6	88,905
1/4	1/4	1/4	1/4	1/4	178,958	1/4	168,623	1/4	158,257	1/4	147,812	1/4	133,518	1/4	118,549	1/4	103,575	1/4	88,593
1/2	1/2	1/2	1/2	1/2	178,743	1/2	168,408	1/2	158,041	1/2	147,564	1/2	133,206	1/2	118,237	1/2	103,263	1/2	88,281
3/4	3/4	3/4	3/4	3/4	178,527	3/4	168,193	3/4	157,825	3/4	147,317	3/4	132,894	3/4	117,925	3/4	102,950	3/4	87,969
7		7		7	178,312	7	167,978	7	157,609	7	147,070	7	132,583	7	117,613	7	102,638	7	87,657
1/4	1/4	1/4	1/4	1/4	178,097	1/4	167,762	1/4	157,393	1/4	146,823	1/4	132,271	1/4	117,302	1/4	102,326	1/4	87,345
1/2	1/2	1/2	1/2	1/2	177,881	1/2	167,547	1/2	157,177	1/2	146,560	1/2	131,959	1/2	116,990	1/2	102,014	1/2	87,032
3/4	3/4	3/4	3/4	3/4	177,666	3/4	167,331	3/4	156,961	3/4	146,297	3/4	131,647	3/4	116,678	3/4	101,701	3/4	86,720
8		8		8	177,451	8	167,115	8	156,745	8	146,034	8	131,335	8	116,366	8	101,389	8	86,408
1/4	1/4	1/4	1/4	1/4	177,235	1/4	166,900	1/4	156,529	1/4	145,771	1/4	131,023	1/4	116,054	1/4	101,077	1/4	86,095
1/2	1/2	1/2	1/2	1/2	177,020	1/2	166,683	1/2	156,313	1/2	145,492	1/2	130,711	1/2	115,742	1/2	100,764	1/2	85,783
3/4	3/4	3/4	3/4	3/4	176,805	3/4	166,467	3/4	156,097	3/4	145,213	3/4	130,400	3/4	115,430	3/4	100,452	3/4	85,471
9		9		9	176,590	9	166,251	9	155,880	9	144,935	9	130,088	9	115,119	9	100,140	9	85,158
1/4	1/4	1/4	1/4	1/4	176,374	1/4	166,035	1/4	155,664	1/4	144,656	1/4	129,776	1/4	114,807	1/4	99,828	1/4	84,846
1/2	1/2	1/2	1/2	1/2	176,159	1/2	165,819	1/2	155,448	1/2	144,361	1/2	129,464	1/2	114,495	1/2	99,515	1/2	84,534
3/4	3/4	3/4	3/4	3/4	175,944	3/4	165,603	3/4	155,232	3/4	144,067	3/4	129,152	3/4	114,183	3/4	99,203	3/4	84,221
10		10		10	175,728	10	165,387	10	155,016	10	143,772	10	128,840	10	113,871	10	98,891	10	83,909
1/4	1/4	1/4	1/4	1/4	175,513	1/4	165,171	1/4	154,800	1/4	143,477	1/4	128,528	1/4	113,559	1/4	98,579	1/4	83,597
1/2	1/2	1/2	1/2	1/2	175,298	1/2	164,955	1/2	154,584	1/2	143,170	1/2	128,217	1/2	113,247	1/2	98,266	1/2	83,284
3/4	3/4	3/4	3/4	3/4	175,082	3/4	164,739	3/4	154,368	3/4	142,863	3/4	127,905	3/4	112,936	3/4	97,954	3/4	82,972
11		11		11	174,867	11	164,523	11	154,152	11	142,556	11	127,593	11	112,624	11	97,642	11	82,660
1/4	1/4	1/4	1/4	1/4	174,652	1/4	164,307	1/4	153,936	1/4	142,249	1/4	127,281	1/4	112,312	1/4	97,330	1/4	82,347
1/2	1/2	1/2	1/2	1/2	174,437	1/2	164,091	1/2	153,720	1/2	141,937	1/2	126,969	1/2	112,000	1/2	97,018	1/2	82,035
3/4	3/4	3/4	3/4	3/4	174,221	3/4	163,875	3/4	153,504	3/4	141,625	3/4	126,657	3/4	111,688	3/4	96,706	3/4	81,723

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 3025"

## 3 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	81,410	0	66,491	0	51,744	0	37,165	0	22,198	0	7,198	0		0		0		0	
1/4	81,098	1/4	66,181	1/4	51,441	1/4	36,860	1/4	21,886	1/4	6,885	1/4		1/4		1/4		1/4	
1/2	80,786	1/2	65,870	1/2	51,139	1/2	36,552	1/2	21,573	1/2	6,573	1/2		1/2		1/2		1/2	
3/4	80,473	3/4	65,560	3/4	50,836	3/4	36,244	3/4	21,261	3/4	6,260	3/4		3/4		3/4		3/4	
1	80,161	1	65,249	1	50,534	1	35,935	1	20,949	1	5,948	1		1		1		1	
1/4	79,849	1/4	64,939	1/4	50,231	1/4	35,627	1/4	20,636	1/4	5,635	1/4		1/4		1/4		1/4	
1/2	79,536	1/2	64,629	1/2	49,929	1/2	35,315	1/2	20,324	1/2	5,322	1/2		1/2		1/2		1/2	
3/4	79,224	3/4	64,318	3/4	49,626	3/4	35,003	3/4	20,011	3/4	5,010	3/4		3/4		3/4		3/4	
2	78,912	2	64,008	2	49,324	2	34,692	2	19,699	2	4,697	2		2		2		2	
1/4	78,599	1/4	63,698	1/4	49,021	1/4	34,380	1/4	19,387	1/4	4,385	1/4		1/4		1/4		1/4	
1/2	78,288	1/2	63,386	1/2	48,718	1/2	34,067	1/2	19,074	1/2	4,073	1/2		1/2		1/2		1/2	
3/4	77,977	3/4	63,075	3/4	48,416	3/4	33,755	3/4	18,762	3/4	3,761	3/4		3/4		3/4		3/4	
3	77,665	3	62,764	3	48,113	3	33,442	3	18,449	3	3,449	3		3		3		3	
1/4	77,354	1/4	62,453	1/4	47,811	1/4	33,130	1/4	18,137	1/4	3,137	1/4		1/4		1/4		1/4	
1/2	77,044	1/2	62,141	1/2	47,509	1/2	32,818	1/2	17,825	1/2	2,845	1/2		1/2		1/2		1/2	
3/4	76,733	3/4	61,829	3/4	47,207	3/4	32,505	3/4	17,512	3/4	2,552	3/4		3/4		3/4		3/4	
4	76,423	4	61,517	4	46,904	4	32,193	4	17,200	4	2,259	4		4		4		4	
1/4	76,112	1/4	61,205	1/4	46,602	1/4	31,881	1/4	16,887	1/4	1,967	1/4		1/4		1/4		1/4	
1/2	75,802	1/2	60,893	1/2	46,301	1/2	31,568	1/2	16,575	1/2	1,732	1/2		1/2		1/2		1/2	
3/4	75,492	3/4	60,581	3/4	45,999	3/4	31,256	3/4	16,263	3/4	1,498	3/4		3/4		3/4		3/4	
5	75,181	5	60,269	5	45,697	5	30,943	5	15,950	5	1,263	5		5		5		5	
1/4	74,871	1/4	59,957	1/4	45,395	1/4	30,631	1/4	15,638	1/4	1,028	1/4		1/4		1/4		1/4	
1/2	74,561	1/2	59,648	1/2	45,092	1/2	30,319	1/2	15,325	1/2		1/2		1/2		1/2		1/2	
3/4	74,250	3/4	59,339	3/4	44,789	3/4	30,006	3/4	15,013	3/4		3/4		3/4		3/4		3/4	
6	73,940	6	59,030	6	44,485	6	29,694	6	14,701	6		6		6		6		6	
1/4	73,629	1/4	58,721	1/4	44,182	1/4	29,382	1/4	14,388	1/4		1/4		1/4		1/4		1/4	
1/2	73,319	1/2	58,415	1/2	43,877	1/2	29,069	1/2	14,076	1/2		1/2		1/2		1/2		1/2	
3/4	73,009	3/4	58,110	3/4	43,572	3/4	28,757	3/4	13,763	3/4		3/4		3/4		3/4		3/4	
7	72,698	7	57,804	7	43,267	7	28,445	7	13,451	7		7		7		7		7	
1/4	72,388	1/4	57,498	1/4	42,961	1/4	28,133	1/4	13,139	1/4		1/4		1/4		1/4		1/4	
1/2	72,078	1/2	57,194	1/2	42,656	1/2	27,821	1/2	12,826	1/2		1/2		1/2		1/2		1/2	
3/4	71,767	3/4	56,890	3/4	42,351	3/4	27,508	3/4	12,514	3/4		3/4		3/4		3/4		3/4	
8	71,457	8	56,586	8	42,046	8	27,196	8	12,201	8		8		8		8		8	
1/4	71,147	1/4	56,282	1/4	41,741	1/4	26,884	1/4	11,889	1/4		1/4		1/4		1/4		1/4	
1/2	70,836	1/2	55,979	1/2	41,436	1/2	26,572	1/2	11,576	1/2		1/2		1/2		1/2		1/2	
3/4	70,526	3/4	55,677	3/4	41,131	3/4	26,259	3/4	11,264	3/4		3/4		3/4		3/4		3/4	
9	70,215	9	55,374	9	40,826	9	25,947	9	10,951	9		9		9		9		9	
1/4	69,905	1/4	55,072	1/4	40,521	1/4	25,635	1/4	10,638	1/4		1/4		1/4		1/4		1/4	
1/2	69,595	1/2	54,769	1/2	40,216	1/2	25,322	1/2	10,326	1/2		1/2		1/2		1/2		1/2	
3/4	69,284	3/4	54,467	3/4	39,911	3/4	25,010	3/4	10,013	3/4		3/4		3/4		3/4		3/4	
10	68,974	10	54,164	10	39,606	10	24,697	10	9,700	10		10		10		10		10	
1/4	68,664	1/4	53,862	1/4	39,301	1/4	24,385	1/4	9,387	1/4		1/4		1/4		1/4		1/4	
1/2	68,353	1/2	53,559	1/2	38,996	1/2	24,073	1/2	9,074	1/2		1/2		1/2		1/2		1/2	
3/4	68,043	3/4	53,256	3/4	38,690	3/4	23,760	3/4	8,761	3/4		3/4		3/4		3/4		3/4	
11	67,732	11	52,954	11	38,385	11	23,448	11	8,449	11		11		11		11		11	
1/4	67,422	1/4	52,651	1/4	38,080	1/4	23,135	1/4	8,136	1/4		1/4		1/4		1/4		1/4	
1/2	67,112	1/2	52,349	1/2	37,775	1/2	22,823	1/2	7,823	1/2		1/2		1/2		1/2		1/2	
3/4	66,801	3/4	52,046	3/4	37,470	3/4	22,511	3/4	7,510	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2019 CL  
CALCULATED: 10/28/2019 CL  
PRINTED: 10/29/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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



# BARGE "HSM 3025"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

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	185,315	0	174,984	0	164,640	0	154,272	0	142,290	0	127,293	0	112,296	0	97,284
1/4		1/4		1/4	185,100	1/4	174,769	1/4	164,424	1/4	154,056	1/4	141,978	1/4	126,981	1/4	111,983	1/4	96,971
1/2		1/2		1/2	184,885	1/2	174,554	1/2	164,208	1/2	153,840	1/2	141,665	1/2	126,668	1/2	111,671	1/2	96,658
3/4		3/4		3/4	184,670	3/4	174,338	3/4	163,992	3/4	153,624	3/4	141,353	3/4	126,356	3/4	111,358	3/4	96,345
1		1		1	184,454	1	174,123	1	163,776	1	153,408	1	141,040	1	126,043	1	111,046	1	96,032
1/4		1/4		1/4	184,239	1/4	173,908	1/4	163,560	1/4	153,192	1/4	140,728	1/4	125,731	1/4	110,734	1/4	95,719
1/2		1/2		1/2	184,024	1/2	173,693	1/2	163,344	1/2	152,976	1/2	140,416	1/2	125,418	1/2	110,421	1/2	95,407
3/4		3/4		3/4	183,809	3/4	173,477	3/4	163,128	3/4	152,760	3/4	140,103	3/4	125,106	3/4	110,109	3/4	95,094
2		2		2	183,593	2	173,262	2	162,912	2	152,544	2	139,791	2	124,793	2	109,796	2	94,781
1/4		1/4		1/4	193,017	1/4	183,378	1/4	173,047	1/4	162,696	1/4	139,478	1/4	124,481	1/4	109,484	1/4	94,468
1/2		1/2		1/2	192,894	1/2	183,163	1/2	172,832	1/2	162,480	1/2	139,166	1/2	124,169	1/2	109,171	1/2	94,155
3/4		3/4		3/4	192,770	3/4	182,948	3/4	172,616	3/4	162,264	3/4	138,853	3/4	123,856	3/4	108,858	3/4	93,842
3		3		3	192,646	3	182,732	3	172,401	3	162,048	3	138,541	3	123,544	3	108,546	3	93,529
1/4		1/4		1/4	192,523	1/4	182,517	1/4	172,186	1/4	161,832	1/4	138,229	1/4	123,231	1/4	108,233	1/4	93,217
1/2		1/2		1/2	192,363	1/2	182,302	1/2	171,971	1/2	161,616	1/2	137,916	1/2	122,919	1/2	107,921	1/2	92,904
3/4		3/4		3/4	192,204	3/4	182,087	3/4	171,756	3/4	161,400	3/4	137,604	3/4	122,606	3/4	107,608	3/4	92,591
4		4		4	192,044	4	181,871	4	171,540	4	161,184	4	137,291	4	122,294	4	107,295	4	92,278
1/4		1/4		1/4	191,884	1/4	181,656	1/4	171,325	1/4	160,968	1/4	136,979	1/4	121,981	1/4	106,982	1/4	91,965
1/2		1/2		1/2	191,691	1/2	181,441	1/2	171,110	1/2	160,752	1/2	136,666	1/2	121,669	1/2	106,670	1/2	91,652
3/4		3/4		3/4	191,498	3/4	181,226	3/4	170,895	3/4	160,536	3/4	136,354	3/4	121,357	3/4	106,357	3/4	91,339
5		5		5	191,305	5	181,011	5	170,679	5	160,320	5	149,942	5	136,041	5	106,044	5	91,027
1/4		1/4		1/4	191,112	1/4	180,795	1/4	170,464	1/4	160,104	1/4	149,722	1/4	135,729	1/4	105,731	1/4	90,714
1/2		1/2		1/2	190,900	1/2	180,580	1/2	170,249	1/2	159,888	1/2	149,491	1/2	135,417	1/2	105,418	1/2	90,401
3/4		3/4		3/4	190,689	3/4	180,365	3/4	170,034	3/4	159,672	3/4	149,260	3/4	135,104	3/4	105,105	3/4	90,088
6		6		6	190,477	6	180,150	6	169,818	6	159,456	6	149,029	6	134,792	6	104,792	6	89,775
1/4		1/4		1/4	190,265	1/4	179,934	1/4	169,603	1/4	159,240	1/4	148,798	1/4	134,479	1/4	104,480	1/4	89,462
1/2		1/2		1/2	190,050	1/2	179,719	1/2	169,388	1/2	159,024	1/2	148,550	1/2	134,167	1/2	104,167	1/2	89,149
3/4		3/4		3/4	189,835	3/4	179,504	3/4	169,173	3/4	158,808	3/4	148,303	3/4	133,854	3/4	103,854	3/4	88,837
7		7		7	189,621	7	179,289	7	168,958	7	158,592	7	148,056	7	133,542	7	103,541	7	88,524
1/4		1/4		1/4	189,406	1/4	179,073	1/4	168,742	1/4	158,376	1/4	147,808	1/4	133,229	1/4	103,228	1/4	88,211
1/2		1/2		1/2	189,190	1/2	178,858	1/2	168,527	1/2	158,160	1/2	147,545	1/2	132,917	1/2	102,915	1/2	87,898
3/4		3/4		3/4	188,975	3/4	178,643	3/4	168,311	3/4	157,944	3/4	147,282	3/4	132,605	3/4	102,602	3/4	87,585
8		8		8	188,760	8	178,428	8	168,095	8	157,728	8	147,019	8	132,292	8	102,290	8	87,272
1/4		1/4		1/4	188,544	1/4	178,213	1/4	167,880	1/4	157,512	1/4	146,755	1/4	131,980	1/4	101,982	1/4	86,959
1/2		1/2		1/2	188,329	1/2	177,997	1/2	167,664	1/2	157,296	1/2	146,476	1/2	131,667	1/2	101,664	1/2	86,647
3/4		3/4		3/4	188,114	3/4	177,782	3/4	167,448	3/4	157,080	3/4	146,197	3/4	131,355	3/4	101,351	3/4	86,334
9		9		9	187,898	9	177,567	9	167,232	9	156,864	9	145,918	9	131,042	9	101,038	9	86,021
1/4		1/4		1/4	187,683	1/4	177,352	1/4	167,016	1/4	156,648	1/4	145,638	1/4	130,730	1/4	100,725	1/4	85,708
1/2		1/2		1/2	187,468	1/2	177,136	1/2	166,800	1/2	156,432	1/2	145,343	1/2	130,417	1/2	100,412	1/2	85,395
3/4		3/4		3/4	187,252	3/4	176,921	3/4	166,584	3/4	156,216	3/4	145,048	3/4	130,105	3/4	100,100	3/4	85,082
10		10		10	187,037	10	176,706	10	166,368	10	156,000	10	144,752	10	129,793	10	99,787	10	84,769
1/4		1/4		1/4	186,822	1/4	176,491	1/4	166,152	1/4	155,784	1/4	144,457	1/4	129,480	1/4	99,474	1/4	84,457
1/2		1/2		1/2	186,607	1/2	176,275	1/2	165,936	1/2	155,568	1/2	144,149	1/2	129,168	1/2	99,161	1/2	84,144
3/4		3/4		3/4	186,391	3/4	176,060	3/4	165,720	3/4	155,352	3/4	143,842	3/4	128,855	3/4	98,848	3/4	83,831
11		11		11	186,176	11	175,845	11	165,504	11	155,136	11	143,534	11	128,543	11	98,535	11	83,518
1/4		1/4		1/4	185,961	1/4	175,630	1/4	165,288	1/4	154,920	1/4	143,226	1/4	128,230	1/4	98,222	1/4	83,205
1/2		1/2		1/2	185,746	1/2	175,415	1/2	165,072	1/2	154,704	1/2	142,914	1/2	127,918	1/2	97,910	1/2	82,892
3/4		3/4		3/4	185,530	3/4	175,199	3/4	164,856	3/4	154,488	3/4	142,602	3/4	127,605	3/4	97,597	3/4	82,579

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

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 3025"

## 3 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	82,266	0	67,249	0	52,232	0	37,229	0	22,216	0	7,199	0		0		0		0	
1/4	81,954	1/4	66,936	1/4	51,919	1/4	36,917	1/4	21,903	1/4	6,886	1/4		1/4		1/4		1/4	
1/2	81,641	1/2	66,623	1/2	51,606	1/2	36,604	1/2	21,590	1/2	6,573	1/2		1/2		1/2		1/2	
3/4	81,328	3/4	66,311	3/4	51,293	3/4	36,292	3/4	21,277	3/4	6,260	3/4		3/4		3/4		3/4	
1	81,015	1	65,998	1	50,980	1	35,980	1	20,964	1	5,948	1		1		1		1	
1/4	80,702	1/4	65,685	1/4	50,668	1/4	35,667	1/4	20,651	1/4	5,635	1/4		1/4		1/4		1/4	
1/2	80,389	1/2	65,372	1/2	50,355	1/2	35,355	1/2	20,339	1/2	5,322	1/2		1/2		1/2		1/2	
3/4	80,076	3/4	65,059	3/4	50,042	3/4	35,042	3/4	20,026	3/4	5,010	3/4		3/4		3/4		3/4	
2	79,764	2	64,746	2	49,729	2	34,729	2	19,713	2	4,697	2		2		2		2	
1/4	79,451	1/4	64,433	1/4	49,416	1/4	34,417	1/4	19,400	1/4	4,384	1/4		1/4		1/4		1/4	
1/2	79,138	1/2	64,121	1/2	49,103	1/2	34,104	1/2	19,087	1/2	4,072	1/2		1/2		1/2		1/2	
3/4	78,825	3/4	63,808	3/4	48,790	3/4	33,791	3/4	18,774	3/4	3,761	3/4		3/4		3/4		3/4	
3	78,512	3	63,495	3	48,478	3	33,478	3	18,461	3	3,449	3		3		3		3	
1/4	78,199	1/4	63,182	1/4	48,165	1/4	33,165	1/4	18,149	1/4	3,137	1/4		1/4		1/4		1/4	
1/2	77,886	1/2	62,869	1/2	47,852	1/2	32,853	1/2	17,836	1/2	2,844	1/2		1/2		1/2		1/2	
3/4	77,574	3/4	62,556	3/4	47,539	3/4	32,540	3/4	17,523	3/4	2,552	3/4		3/4		3/4		3/4	
4	77,261	4	62,243	4	47,227	4	32,227	4	17,210	4	2,259	4		4		4		4	
1/4	76,948	1/4	61,931	1/4	46,914	1/4	31,914	1/4	16,897	1/4	1,967	1/4		1/4		1/4		1/4	
1/2	76,635	1/2	61,618	1/2	46,601	1/2	31,601	1/2	16,584	1/2	1,732	1/2		1/2		1/2		1/2	
3/4	76,322	3/4	61,305	3/4	46,289	3/4	31,288	3/4	16,272	3/4	1,498	3/4		3/4		3/4		3/4	
5	76,009	5	60,992	5	45,976	5	30,976	5	15,959	5	1,263	5		5		5		5	
1/4	75,696	1/4	60,679	1/4	45,663	1/4	30,663	1/4	15,646	1/4	1,028	1/4		1/4		1/4		1/4	
1/2	75,384	1/2	60,366	1/2	45,351	1/2	30,350	1/2	15,333	1/2		1/2		1/2		1/2		1/2	
3/4	75,071	3/4	60,053	3/4	45,038	3/4	30,037	3/4	15,020	3/4		3/4		3/4		3/4		3/4	
6	74,758	6	59,741	6	44,726	6	29,724	6	14,707	6		6		6		6		6	
1/4	74,445	1/4	59,428	1/4	44,414	1/4	29,411	1/4	14,394	1/4		1/4		1/4		1/4		1/4	
1/2	74,132	1/2	59,115	1/2	44,101	1/2	29,098	1/2	14,082	1/2		1/2		1/2		1/2		1/2	
3/4	73,819	3/4	58,802	3/4	43,789	3/4	28,786	3/4	13,769	3/4		3/4		3/4		3/4		3/4	
7	73,506	7	58,489	7	43,476	7	28,473	7	13,456	7		7		7		7		7	
1/4	73,194	1/4	58,176	1/4	43,164	1/4	28,160	1/4	13,143	1/4		1/4		1/4		1/4		1/4	
1/2	72,881	1/2	57,863	1/2	42,852	1/2	27,847	1/2	12,830	1/2		1/2		1/2		1/2		1/2	
3/4	72,568	3/4	57,551	3/4	42,539	3/4	27,534	3/4	12,517	3/4		3/4		3/4		3/4		3/4	
8	72,255	8	57,238	8	42,227	8	27,221	8	12,204	8		8		8		8		8	
1/4	71,942	1/4	56,925	1/4	41,915	1/4	26,908	1/4	11,892	1/4		1/4		1/4		1/4		1/4	
1/2	71,629	1/2	56,612	1/2	41,602	1/2	26,596	1/2	11,579	1/2		1/2		1/2		1/2		1/2	
3/4	71,316	3/4	56,299	3/4	41,290	3/4	26,283	3/4	11,266	3/4		3/4		3/4		3/4		3/4	
9	71,004	9	55,986	9	40,978	9	25,970	9	10,953	9		9		9		9		9	
1/4	70,691	1/4	55,673	1/4	40,665	1/4	25,657	1/4	10,640	1/4		1/4		1/4		1/4		1/4	
1/2	70,378	1/2	55,361	1/2	40,353	1/2	25,344	1/2	10,327	1/2		1/2		1/2		1/2		1/2	
3/4	70,065	3/4	55,048	3/4	40,040	3/4	25,031	3/4	10,015	3/4		3/4		3/4		3/4		3/4	
10	69,752	10	54,735	10	39,728	10	24,719	10	9,702	10		10		10		10		10	
1/4	69,439	1/4	54,422	1/4	39,416	1/4	24,406	1/4	9,389	1/4		1/4		1/4		1/4		1/4	
1/2	69,126	1/2	54,109	1/2	39,103	1/2	24,093	1/2	9,076	1/2		1/2		1/2		1/2		1/2	
3/4	68,814	3/4	53,796	3/4	38,791	3/4	23,780	3/4	8,763	3/4		3/4		3/4		3/4		3/4	
11	68,501	11	53,483	11	38,479	11	23,467	11	8,450	11		11		11		11		11	
1/4	68,188	1/4	53,170	1/4	38,166	1/4	23,154	1/4	8,137	1/4		1/4		1/4		1/4		1/4	
1/2	67,875	1/2	52,858	1/2	37,854	1/2	22,841	1/2	7,825	1/2		1/2		1/2		1/2		1/2	
3/4	67,562	3/4	52,545	3/4	37,542	3/4	22,529	3/4	7,512	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2019 CL  
CALCULATED: 10/28/2019 CL  
PRINTED: 10/29/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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



# BARGE "HSM 3025"

## PORT SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

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	4,282	0	3,127	0	1,973	0	818	0		0		0		0	
1/4		1/4		1/4	4,258	1/4	3,103	1/4	1,949	1/4	794	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,234	1/2	3,079	1/2	1,925	1/2	770	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,210	3/4	3,054	3/4	1,901	3/4	746	3/4		3/4		3/4		3/4	
1		1		1	4,185	1	3,030	1	1,877	1	722	1		1		1		1	
1/4		1/4		1/4	4,161	1/4	3,006	1/4	1,853	1/4	698	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,137	1/2	2,982	1/2	1,829	1/2	674	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,113	3/4	2,958	3/4	1,805	3/4	650	3/4		3/4		3/4		3/4	
2		2		2	4,089	2	2,934	2	1,780	2	626	2		2		2		2	
1/4		1/4		1/4	4,065	1/4	2,910	1/4	1,756	1/4	602	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,140	1/2	4,041	1/2	2,886	1/2	578	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,128	3/4	4,017	3/4	2,862	3/4	553	3/4		3/4		3/4		3/4	
3		3		3	5,117	3	3,993	3	2,838	3	529	3		3		3		3	
1/4		1/4		1/4	5,105	1/4	3,969	1/4	2,814	1/4	505	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,093	1/2	3,945	1/2	2,790	1/2	481	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,070	3/4	3,921	3/4	2,766	3/4	457	3/4		3/4		3/4		3/4	
4		4		4	5,046	4	3,897	4	2,742	4	433	4		4		4		4	
1/4		1/4		1/4	5,023	1/4	3,873	1/4	2,718	1/4	409	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,999	1/2	3,849	1/2	2,694	1/2	385	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,975	3/4	3,825	3/4	2,670	3/4	361	3/4		3/4		3/4		3/4	
5		5		5	4,952	5	3,800	5	2,646	5	337	5		5		5		5	
1/4		1/4		1/4	4,928	1/4	3,776	1/4	2,622	1/4	313	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,904	1/2	3,752	1/2	2,597	1/2	289	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,881	3/4	3,728	3/4	2,574	3/4	265	3/4		3/4		3/4		3/4	
6		6		6	4,857	6	3,704	6	2,550	6	241	6		6		6		6	
1/4		1/4		1/4	4,833	1/4	3,680	1/4	2,526	1/4	217	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,810	1/2	3,656	1/2	2,502	1/2	193	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,786	3/4	3,632	3/4	2,478	3/4	168	3/4		3/4		3/4		3/4	
7		7		7	4,762	7	3,608	7	2,454	7	144	7		7		7		7	
1/4		1/4		1/4	4,739	1/4	3,584	1/4	2,430	1/4	120	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,715	1/2	3,560	1/2	2,406	1/2	96	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,691	3/4	3,536	3/4	2,382	3/4	72	3/4		3/4		3/4		3/4	
8		8		8	4,667	8	3,512	8	2,358	8	1,203	8		8		8		8	
1/4		1/4		1/4	4,643	1/4	3,488	1/4	2,334	1/4	1,179	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,619	1/2	3,464	1/2	2,310	1/2	1,155	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,595	3/4	3,440	3/4	2,286	3/4	1,131	3/4		3/4		3/4		3/4	
9		9		9	4,570	9	3,415	9	2,262	9	1,107	9		9		9		9	
1/4		1/4		1/4	4,546	1/4	3,391	1/4	2,238	1/4	1,083	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,522	1/2	3,367	1/2	2,214	1/2	1,059	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,498	3/4	3,343	3/4	2,190	3/4	1,035	3/4		3/4		3/4		3/4	
10		10		10	4,474	10	3,319	10	2,165	10	1,011	10		10		10		10	
1/4		1/4		1/4	4,450	1/4	3,295	1/4	2,141	1/4	987	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,426	1/2	3,271	1/2	2,117	1/2	963	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,402	3/4	3,247	3/4	2,093	3/4	938	3/4		3/4		3/4		3/4	
11		11		11	4,378	11	3,223	11	2,069	11	914	11		11		11		11	
1/4		1/4		1/4	4,354	1/4	3,199	1/4	2,045	1/4	890	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,330	1/2	3,175	1/2	2,021	1/2	866	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,306	3/4	3,151	3/4	1,997	3/4	842	3/4		3/4		3/4		3/4	

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 AT GAUGE POINT

STRAPPED: 10/28/2019 CL  
CALCULATED: 10/28/2019 CL  
PRINTED: 10/29/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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



# BARGE "HSM 3025"

## STBD SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,306	0	3,151	0	1,997	0	842	0		0		0		0	
1/4		1/4		1/4	4,282	1/4	3,127	1/4	1,973	1/4	818	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,258	1/2	3,103	1/2	1,949	1/2	794	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,234	3/4	3,079	3/4	1,925	3/4	770	3/4		3/4		3/4		3/4	
1		1		1	4,210	1	3,054	1	1,901	1	746	1		1		1		1	
1/4		1/4		1/4	4,185	1/4	3,030	1/4	1,877	1/4	722	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,161	1/2	3,006	1/2	1,853	1/2	698	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,137	3/4	2,982	3/4	1,829	3/4	674	3/4		3/4		3/4		3/4	
2		2		2	4,113	2	2,958	2	1,805	2	650	2		2		2		2	
1/4		1/4		1/4	4,089	1/4	2,934	1/4	1,780	1/4	626	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,065	1/2	2,910	1/2	1,756	1/2	602	1/2		1/2		1/2		1/2	
3/4		3/4	5,140	3/4	4,041	3/4	2,886	3/4	1,732	3/4	578	3/4		3/4		3/4		3/4	
3		3	5,128	3	4,017	3	2,862	3	1,708	3	553	3		3		3		3	
1/4		1/4	5,117	1/4	3,993	1/4	2,838	1/4	1,684	1/4	529	1/4		1/4		1/4		1/4	
1/2		1/2	5,105	1/2	3,969	1/2	2,814	1/2	1,660	1/2	505	1/2		1/2		1/2		1/2	
3/4		3/4	5,093	3/4	3,945	3/4	2,790	3/4	1,636	3/4	481	3/4		3/4		3/4		3/4	
4		4	5,070	4	3,921	4	2,766	4	1,612	4	457	4		4		4		4	
1/4		1/4	5,046	1/4	3,897	1/4	2,742	1/4	1,588	1/4	433	1/4		1/4		1/4		1/4	
1/2		1/2	5,023	1/2	3,873	1/2	2,718	1/2	1,564	1/2	409	1/2		1/2		1/2		1/2	
3/4		3/4	4,999	3/4	3,849	3/4	2,694	3/4	1,540	3/4	385	3/4		3/4		3/4		3/4	
5		5	4,975	5	3,825	5	2,670	5	1,516	5	361	5		5		5		5	
1/4		1/4	4,952	1/4	3,800	1/4	2,646	1/4	1,492	1/4	337	1/4		1/4		1/4		1/4	
1/2		1/2	4,928	1/2	3,776	1/2	2,622	1/2	1,468	1/2	313	1/2		1/2		1/2		1/2	
3/4		3/4	4,904	3/4	3,752	3/4	2,597	3/4	1,444	3/4	289	3/4		3/4		3/4		3/4	
6		6	4,881	6	3,728	6	2,574	6	1,419	6	265	6		6		6		6	
1/4		1/4	4,857	1/4	3,704	1/4	2,550	1/4	1,395	1/4	241	1/4		1/4		1/4		1/4	
1/2		1/2	4,833	1/2	3,680	1/2	2,526	1/2	1,371	1/2	217	1/2		1/2		1/2		1/2	
3/4		3/4	4,810	3/4	3,656	3/4	2,502	3/4	1,347	3/4	193	3/4		3/4		3/4		3/4	
7		7	4,786	7	3,632	7	2,478	7	1,323	7	168	7		7		7		7	
1/4		1/4	4,762	1/4	3,608	1/4	2,454	1/4	1,299	1/4	144	1/4		1/4		1/4		1/4	
1/2		1/2	4,739	1/2	3,584	1/2	2,430	1/2	1,275	1/2	120	1/2		1/2		1/2		1/2	
3/4		3/4	4,715	3/4	3,560	3/4	2,406	3/4	1,251	3/4	96	3/4		3/4		3/4		3/4	
8		8	4,691	8	3,536	8	2,382	8	1,227	8		8		8		8		8	
1/4		1/4	4,667	1/4	3,512	1/4	2,358	1/4	1,203	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	4,643	1/2	3,488	1/2	2,334	1/2	1,179	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	4,619	3/4	3,464	3/4	2,310	3/4	1,155	3/4		3/4		3/4		3/4		3/4	
9		9	4,595	9	3,440	9	2,286	9	1,131	9		9		9		9		9	
1/4		1/4	4,570	1/4	3,415	1/4	2,262	1/4	1,107	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	4,546	1/2	3,391	1/2	2,238	1/2	1,083	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	4,522	3/4	3,367	3/4	2,214	3/4	1,059	3/4		3/4		3/4		3/4		3/4	
10		10	4,498	10	3,343	10	2,190	10	1,035	10		10		10		10		10	
1/4		1/4	4,474	1/4	3,319	1/4	2,165	1/4	1,011	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	4,450	1/2	3,295	1/2	2,141	1/2	987	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	4,426	3/4	3,271	3/4	2,117	3/4	963	3/4		3/4		3/4		3/4		3/4	
11		11	4,402	11	3,247	11	2,093	11	938	11		11		11		11		11	
1/4		1/4	4,378	1/4	3,223	1/4	2,069	1/4	914	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	4,354	1/2	3,199	1/2	2,045	1/2	890	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	4,330	3/4	3,175	3/4	2,021	3/4	866	3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT

STRAPPED: 10/28/2019 CL  
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