



# BARGE "HSM 3035"

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

January 16, 2020

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

<http://www.pmacorp.net>



# BARGE "HSM 3035"

## 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"

January 16, 2020

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

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# BARGE "HSM 3035"

## 1 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	79,497	0	64,456	0	49,516	0	34,479	0	19,438	0	5,250	0		0		0		0	
1/4	79,184	1/4	64,144	1/4	49,204	1/4	34,165	1/4	19,125	1/4	4,979	1/4		1/4		1/4		1/4	
1/2	78,870	1/2	63,832	1/2	48,891	1/2	33,852	1/2	18,811	1/2	4,708	1/2		1/2		1/2		1/2	
3/4	78,557	3/4	63,520	3/4	48,579	3/4	33,539	3/4	18,498	3/4	4,437	3/4		3/4		3/4		3/4	
1	78,243	1	63,208	1	48,266	1	33,225	1	18,185	1	4,166	1		1		1		1	
1/4	77,930	1/4	62,897	1/4	47,953	1/4	32,912	1/4	17,872	1/4	3,899	1/4		1/4		1/4		1/4	
1/2	77,617	1/2	62,586	1/2	47,639	1/2	32,599	1/2	17,560	1/2	3,633	1/2		1/2		1/2		1/2	
3/4	77,303	3/4	62,275	3/4	47,326	3/4	32,285	3/4	17,247	3/4	3,366	3/4		3/4		3/4		3/4	
2	76,990	2	61,963	2	47,013	2	31,972	2	16,935	2	3,099	2		2		2		2	
1/4	76,677	1/4	61,652	1/4	46,699	1/4	31,659	1/4	16,626	1/4	2,837	1/4		1/4		1/4		1/4	
1/2	76,363	1/2	61,341	1/2	46,386	1/2	31,345	1/2	16,316	1/2	2,575	1/2		1/2		1/2		1/2	
3/4	76,050	3/4	61,030	3/4	46,073	3/4	31,032	3/4	16,007	3/4	2,312	3/4		3/4		3/4		3/4	
3	75,737	3	60,719	3	45,759	3	30,718	3	15,697	3	2,050	3		3		3		3	
1/4	75,423	1/4	60,408	1/4	45,446	1/4	30,405	1/4	15,391	1/4	1,811	1/4		1/4		1/4		1/4	
1/2	75,110	1/2	60,097	1/2	45,132	1/2	30,092	1/2	15,086	1/2	1,572	1/2		1/2		1/2		1/2	
3/4	74,797	3/4	59,786	3/4	44,819	3/4	29,778	3/4	14,780	3/4	1,333	3/4		3/4		3/4		3/4	
4	74,483	4	59,475	4	44,506	4	29,465	4	14,475	4	1,094	4		4		4		4	
1/4	74,170	1/4	59,164	1/4	44,192	1/4	29,152	1/4	14,173	1/4	917	1/4		1/4		1/4		1/4	
1/2	73,856	1/2	58,853	1/2	43,879	1/2	28,838	1/2	13,871	1/2	740	1/2		1/2		1/2		1/2	
3/4	73,543	3/4	58,542	3/4	43,566	3/4	28,525	3/4	13,569	3/4	563	3/4		3/4		3/4		3/4	
5	73,230	5	58,231	5	43,252	5	28,212	5	13,267	5	386	5		5		5		5	
1/4	72,916	1/4	57,920	1/4	42,939	1/4	27,898	1/4	12,970	1/4		1/4		1/4		1/4		1/4	
1/2	72,603	1/2	57,609	1/2	42,626	1/2	27,585	1/2	12,672	1/2		1/2		1/2		1/2		1/2	
3/4	72,290	3/4	57,298	3/4	42,312	3/4	27,272	3/4	12,374	3/4		3/4		3/4		3/4		3/4	
6	71,976	6	56,987	6	41,999	6	26,958	6	12,076	6		6		6		6		6	
1/4	71,663	1/4	56,676	1/4	41,686	1/4	26,645	1/4	11,782	1/4		1/4		1/4		1/4		1/4	
1/2	71,350	1/2	56,365	1/2	41,372	1/2	26,332	1/2	11,488	1/2		1/2		1/2		1/2		1/2	
3/4	71,036	3/4	56,054	3/4	41,059	3/4	26,018	3/4	11,194	3/4		3/4		3/4		3/4		3/4	
7	70,723	7	55,744	7	40,746	7	25,705	7	10,900	7		7		7		7		7	
1/4	70,410	1/4	55,433	1/4	40,432	1/4	25,392	1/4	10,609	1/4		1/4		1/4		1/4		1/4	
1/2	70,096	1/2	55,122	1/2	40,119	1/2	25,078	1/2	10,319	1/2		1/2		1/2		1/2		1/2	
3/4	69,783	3/4	54,811	3/4	39,806	3/4	24,765	3/4	10,029	3/4		3/4		3/4		3/4		3/4	
8	69,469	8	54,500	8	39,492	8	24,452	8	9,739	8		8		8		8		8	
1/4	69,156	1/4	54,189	1/4	39,179	1/4	24,138	1/4	9,452	1/4		1/4		1/4		1/4		1/4	
1/2	68,843	1/2	53,878	1/2	38,866	1/2	23,825	1/2	9,166	1/2		1/2		1/2		1/2		1/2	
3/4	68,529	3/4	53,567	3/4	38,552	3/4	23,511	3/4	8,880	3/4		3/4		3/4		3/4		3/4	
9	68,216	9	53,256	9	38,239	9	23,198	9	8,593	9		9		9		9		9	
1/4	67,903	1/4	52,944	1/4	37,925	1/4	22,885	1/4	8,311	1/4		1/4		1/4		1/4		1/4	
1/2	67,589	1/2	52,633	1/2	37,612	1/2	22,571	1/2	8,028	1/2		1/2		1/2		1/2		1/2	
3/4	67,276	3/4	52,322	3/4	37,299	3/4	22,258	3/4	7,746	3/4		3/4		3/4		3/4		3/4	
10	66,963	10	52,011	10	36,985	10	21,945	10	7,463	10		10		10		10		10	
1/4	66,649	1/4	51,699	1/4	36,672	1/4	21,631	1/4	7,185	1/4		1/4		1/4		1/4		1/4	
1/2	66,336	1/2	51,387	1/2	36,359	1/2	21,318	1/2	6,906	1/2		1/2		1/2		1/2		1/2	
3/4	66,023	3/4	51,076	3/4	36,045	3/4	21,005	3/4	6,627	3/4		3/4		3/4		3/4		3/4	
11	65,709	11	50,764	11	35,732	11	20,691	11	6,349	11		11		11		11		11	
1/4	65,396	1/4	50,452	1/4	35,419	1/4	20,378	1/4	6,074	1/4		1/4		1/4		1/4		1/4	
1/2	65,083	1/2	50,140	1/2	35,105	1/2	20,065	1/2	5,799	1/2		1/2		1/2		1/2		1/2	
3/4	64,770	3/4	49,828	3/4	34,792	3/4	19,751	3/4	5,525	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2020 CL  
CALCULATED: 01/15/2020 CL  
PRINTED: 01/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "HSM 3035"

## 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	79,896	0	64,857	0	49,826	0	34,787	0	19,749	0	5,524	0		0		0		0	
1/4	79,583	1/4	64,544	1/4	49,512	1/4	34,474	1/4	19,435	1/4	5,249	1/4		1/4		1/4		1/4	
1/2	79,270	1/2	64,231	1/2	49,199	1/2	34,161	1/2	19,122	1/2	4,978	1/2		1/2		1/2		1/2	
3/4	78,956	3/4	63,917	3/4	48,886	3/4	33,847	3/4	18,809	3/4	4,707	3/4		3/4		3/4		3/4	
1	78,643	1	63,604	1	48,573	1	33,534	1	18,495	1	4,437	1		1		1		1	
1/4	78,330	1/4	63,291	1/4	48,259	1/4	33,221	1/4	18,182	1/4	4,166	1/4		1/4		1/4		1/4	
1/2	78,016	1/2	62,978	1/2	47,946	1/2	32,907	1/2	17,870	1/2	3,899	1/2		1/2		1/2		1/2	
3/4	77,703	3/4	62,664	3/4	47,633	3/4	32,594	3/4	17,557	3/4	3,632	3/4		3/4		3/4		3/4	
2	77,390	2	62,351	2	47,319	2	32,281	2	17,245	2	3,365	2		2		2		2	
1/4	77,077	1/4	62,038	1/4	47,006	1/4	31,967	1/4	16,933	1/4	3,099	1/4		1/4		1/4		1/4	
1/2	76,763	1/2	61,725	1/2	46,693	1/2	31,654	1/2	16,623	1/2	2,836	1/2		1/2		1/2		1/2	
3/4	76,450	3/4	61,411	3/4	46,379	3/4	31,341	3/4	16,314	3/4	2,574	3/4		3/4		3/4		3/4	
3	76,137	3	61,098	3	46,066	3	31,028	3	16,004	3	2,312	3		3		3		3	
1/4	75,823	1/4	60,785	1/4	45,753	1/4	30,714	1/4	15,695	1/4	2,050	1/4		1/4		1/4		1/4	
1/2	75,510	1/2	60,472	1/2	45,439	1/2	30,401	1/2	15,389	1/2	1,811	1/2		1/2		1/2		1/2	
3/4	75,197	3/4	60,159	3/4	45,126	3/4	30,088	3/4	15,084	3/4	1,572	3/4		3/4		3/4		3/4	
4	74,883	4	59,846	4	44,813	4	29,774	4	14,778	4	1,333	4		4		4		4	
1/4	74,570	1/4	59,533	1/4	44,500	1/4	29,461	1/4	14,473	1/4	1,094	1/4		1/4		1/4		1/4	
1/2	74,257	1/2	59,220	1/2	44,186	1/2	29,148	1/2	14,171	1/2	917	1/2		1/2		1/2		1/2	
3/4	73,943	3/4	58,907	3/4	43,873	3/4	28,834	3/4	13,869	3/4	740	3/4		3/4		3/4		3/4	
5	73,630	5	58,594	5	43,560	5	28,521	5	13,567	5	563	5		5		5		5	
1/4	73,317	1/4	58,281	1/4	43,246	1/4	28,208	1/4	13,266	1/4	386	1/4		1/4		1/4		1/4	
1/2	73,003	1/2	57,967	1/2	42,933	1/2	27,895	1/2	12,968	1/2		1/2		1/2		1/2		1/2	
3/4	72,690	3/4	57,654	3/4	42,620	3/4	27,581	3/4	12,670	3/4		3/4		3/4		3/4		3/4	
6	72,377	6	57,341	6	42,306	6	27,268	6	12,372	6		6		6		6		6	
1/4	72,064	1/4	57,028	1/4	41,993	1/4	26,955	1/4	12,074	1/4		1/4		1/4		1/4		1/4	
1/2	71,750	1/2	56,715	1/2	41,680	1/2	26,641	1/2	11,780	1/2		1/2		1/2		1/2		1/2	
3/4	71,437	3/4	56,402	3/4	41,367	3/4	26,328	3/4	11,486	3/4		3/4		3/4		3/4		3/4	
7	71,124	7	56,089	7	41,053	7	26,015	7	11,192	7		7		7		7		7	
1/4	70,810	1/4	55,776	1/4	40,740	1/4	25,701	1/4	10,898	1/4		1/4		1/4		1/4		1/4	
1/2	70,497	1/2	55,463	1/2	40,427	1/2	25,388	1/2	10,608	1/2		1/2		1/2		1/2		1/2	
3/4	70,184	3/4	55,150	3/4	40,113	3/4	25,075	3/4	10,318	3/4		3/4		3/4		3/4		3/4	
8	69,870	8	54,837	8	39,800	8	24,761	8	10,028	8		8		8		8		8	
1/4	69,557	1/4	54,524	1/4	39,487	1/4	24,448	1/4	9,737	1/4		1/4		1/4		1/4		1/4	
1/2	69,244	1/2	54,210	1/2	39,173	1/2	24,135	1/2	9,451	1/2		1/2		1/2		1/2		1/2	
3/4	68,930	3/4	53,897	3/4	38,860	3/4	23,822	3/4	9,165	3/4		3/4		3/4		3/4		3/4	
9	68,617	9	53,584	9	38,547	9	23,508	9	8,879	9		9		9		9		9	
1/4	68,304	1/4	53,271	1/4	38,234	1/4	23,195	1/4	8,592	1/4		1/4		1/4		1/4		1/4	
1/2	67,990	1/2	52,958	1/2	37,920	1/2	22,882	1/2	8,310	1/2		1/2		1/2		1/2		1/2	
3/4	67,677	3/4	52,645	3/4	37,607	3/4	22,568	3/4	8,027	3/4		3/4		3/4		3/4		3/4	
10	67,364	10	52,332	10	37,294	10	22,255	10	7,745	10		10		10		10		10	
1/4	67,051	1/4	52,019	1/4	36,980	1/4	21,942	1/4	7,462	1/4		1/4		1/4		1/4		1/4	
1/2	66,737	1/2	51,705	1/2	36,667	1/2	21,628	1/2	7,184	1/2		1/2		1/2		1/2		1/2	
3/4	66,424	3/4	51,392	3/4	36,354	3/4	21,315	3/4	6,905	3/4		3/4		3/4		3/4		3/4	
11	66,111	11	51,079	11	36,040	11	21,002	11	6,627	11		11		11		11		11	
1/4	65,797	1/4	50,766	1/4	35,727	1/4	20,689	1/4	6,348	1/4		1/4		1/4		1/4		1/4	
1/2	65,484	1/2	50,452	1/2	35,414	1/2	20,375	1/2	6,073	1/2		1/2		1/2		1/2		1/2	
3/4	65,171	3/4	50,139	3/4	35,100	3/4	20,062	3/4	5,799	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2020 CL  
CALCULATED: 01/15/2020 CL  
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PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020





# BARGE "HSM 3035"

## 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	81,446	0	66,369	0	51,821	0	37,344	0	22,305	0	7,228	0		0		0		0	
1/4	81,132	1/4	66,055	1/4	51,519	1/4	37,042	1/4	21,991	1/4	6,914	1/4		1/4		1/4		1/4	
1/2	80,818	1/2	65,746	1/2	51,217	1/2	36,734	1/2	21,677	1/2	6,599	1/2		1/2		1/2		1/2	
3/4	80,504	3/4	65,438	3/4	50,915	3/4	36,426	3/4	21,362	3/4	6,285	3/4		3/4		3/4		3/4	
1	80,190	1	65,130	1	50,613	1	36,117	1	21,048	1	5,971	1		1		1		1	
1/4	79,876	1/4	64,822	1/4	50,311	1/4	35,809	1/4	20,734	1/4	5,657	1/4		1/4		1/4		1/4	
1/2	79,562	1/2	64,519	1/2	50,009	1/2	35,495	1/2	20,420	1/2	5,343	1/2		1/2		1/2		1/2	
3/4	79,248	3/4	64,217	3/4	49,707	3/4	35,181	3/4	20,106	3/4	5,030	3/4		3/4		3/4		3/4	
2	78,933	2	63,915	2	49,406	2	34,867	2	19,792	2	4,716	2		2		2		2	
1/4	78,619	1/4	63,612	1/4	49,104	1/4	34,553	1/4	19,478	1/4	4,402	1/4		1/4		1/4		1/4	
1/2	78,305	1/2	63,310	1/2	48,803	1/2	34,239	1/2	19,164	1/2	4,089	1/2		1/2		1/2		1/2	
3/4	77,991	3/4	63,008	3/4	48,501	3/4	33,924	3/4	18,850	3/4	3,776	3/4		3/4		3/4		3/4	
3	77,677	3	62,705	3	48,200	3	33,610	3	18,536	3	3,462	3		3		3		3	
1/4	77,363	1/4	62,403	1/4	47,898	1/4	33,296	1/4	18,221	1/4	3,149	1/4		1/4		1/4		1/4	
1/2	77,049	1/2	62,101	1/2	47,597	1/2	32,982	1/2	17,907	1/2	2,856	1/2		1/2		1/2		1/2	
3/4	76,735	3/4	61,798	3/4	47,295	3/4	32,668	3/4	17,593	3/4	2,562	3/4		3/4		3/4		3/4	
4	76,420	4	61,496	4	46,994	4	32,354	4	17,279	4	2,268	4		4		4		4	
1/4	76,106	1/4	61,194	1/4	46,692	1/4	32,040	1/4	16,965	1/4	1,975	1/4		1/4		1/4		1/4	
1/2	75,792	1/2	60,891	1/2	46,391	1/2	31,726	1/2	16,651	1/2	1,739	1/2		1/2		1/2		1/2	
3/4	75,478	3/4	60,589	3/4	46,090	3/4	31,412	3/4	16,337	3/4	1,503	3/4		3/4		3/4		3/4	
5	75,164	5	60,287	5	45,788	5	31,098	5	16,023	5	1,268	5		5		5		5	
1/4	74,850	1/4	59,984	1/4	45,487	1/4	30,783	1/4	15,709	1/4	1,032	1/4		1/4		1/4		1/4	
1/2	74,536	1/2	59,682	1/2	45,185	1/2	30,469	1/2	15,394	1/2		1/2		1/2		1/2		1/2	
3/4	74,222	3/4	59,380	3/4	44,884	3/4	30,155	3/4	15,080	3/4		3/4		3/4		3/4		3/4	
6	73,908	6	59,077	6	44,583	6	29,841	6	14,766	6		6		6		6		6	
1/4	73,593	1/4	58,775	1/4	44,281	1/4	29,527	1/4	14,452	1/4		1/4		1/4		1/4		1/4	
1/2	73,279	1/2	58,473	1/2	43,980	1/2	29,213	1/2	14,138	1/2		1/2		1/2		1/2		1/2	
3/4	72,965	3/4	58,170	3/4	43,678	3/4	28,899	3/4	13,824	3/4		3/4		3/4		3/4		3/4	
7	72,651	7	57,868	7	43,377	7	28,586	7	13,510	7		7		7		7		7	
1/4	72,337	1/4	57,565	1/4	43,076	1/4	28,272	1/4	13,196	1/4		1/4		1/4		1/4		1/4	
1/2	72,023	1/2	57,263	1/2	42,774	1/2	27,958	1/2	12,882	1/2		1/2		1/2		1/2		1/2	
3/4	71,709	3/4	56,961	3/4	42,473	3/4	27,644	3/4	12,567	3/4		3/4		3/4		3/4		3/4	
8	71,395	8	56,658	8	42,171	8	27,330	8	12,253	8		8		8		8		8	
1/4	71,080	1/4	56,356	1/4	41,870	1/4	27,016	1/4	11,939	1/4		1/4		1/4		1/4		1/4	
1/2	70,766	1/2	56,054	1/2	41,569	1/2	26,702	1/2	11,625	1/2		1/2		1/2		1/2		1/2	
3/4	70,452	3/4	55,751	3/4	41,267	3/4	26,388	3/4	11,311	3/4		3/4		3/4		3/4		3/4	
9	70,138	9	55,449	9	40,966	9	26,074	9	10,997	9		9		9		9		9	
1/4	69,824	1/4	55,147	1/4	40,664	1/4	25,760	1/4	10,683	1/4		1/4		1/4		1/4		1/4	
1/2	69,510	1/2	54,844	1/2	40,363	1/2	25,446	1/2	10,369	1/2		1/2		1/2		1/2		1/2	
3/4	69,196	3/4	54,542	3/4	40,062	3/4	25,132	3/4	10,055	3/4		3/4		3/4		3/4		3/4	
10	68,882	10	54,240	10	39,760	10	24,818	10	9,741	10		10		10		10		10	
1/4	68,568	1/4	53,937	1/4	39,459	1/4	24,504	1/4	9,426	1/4		1/4		1/4		1/4		1/4	
1/2	68,253	1/2	53,635	1/2	39,157	1/2	24,189	1/2	9,112	1/2		1/2		1/2		1/2		1/2	
3/4	67,939	3/4	53,333	3/4	38,855	3/4	23,875	3/4	8,798	3/4		3/4		3/4		3/4		3/4	
11	67,625	11	53,030	11	38,553	11	23,561	11	8,484	11		11		11		11		11	
1/4	67,311	1/4	52,728	1/4	38,251	1/4	23,247	1/4	8,170	1/4		1/4		1/4		1/4		1/4	
1/2	66,997	1/2	52,426	1/2	37,949	1/2	22,933	1/2	7,856	1/2		1/2		1/2		1/2		1/2	
3/4	66,683	3/4	52,123	3/4	37,647	3/4	22,619	3/4	7,542	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2020 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
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# BARGE "HSM 3035"

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

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

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# BARGE "HSM 3035"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2020 CL  
CALCULATED: 01/15/2020 CL  
PRINTED: 01/16/2020 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020



# BARGE "HSM 3035"

## 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	184,157	0	173,821	0	163,471	0	153,099	0	141,027	0	126,056	0	111,084	0	96,099
1/4		1/4		1/4	183,942	1/4	173,606	1/4	163,255	1/4	152,883	1/4	140,715	1/4	125,744	1/4	110,772	1/4	95,787
1/2		1/2		1/2	183,727	1/2	173,391	1/2	163,039	1/2	152,666	1/2	140,403	1/2	125,432	1/2	110,460	1/2	95,475
3/4		3/4		3/4	183,511	3/4	173,175	3/4	162,823	3/4	152,450	3/4	140,092	3/4	125,120	3/4	110,148	3/4	95,163
1		1		1	183,296	1	172,960	1	162,607	1	152,234	1	139,780	1	124,808	1	109,836	1	94,851
1/4		1/4		1/4	183,081	1/4	172,745	1/4	162,391	1/4	152,018	1/4	139,468	1/4	124,496	1/4	109,524	1/4	94,538
1/2		1/2		1/2	182,865	1/2	172,529	1/2	162,175	1/2	151,802	1/2	139,156	1/2	124,184	1/2	109,212	1/2	94,226
3/4		3/4		3/4	182,650	3/4	172,314	3/4	161,959	3/4	151,586	3/4	138,844	3/4	123,872	3/4	108,901	3/4	93,914
2		2		2	192,079	2	182,435	2	172,098	2	161,743	2	151,370	2	138,532	2	123,560	2	93,602
1/4		1/4		1/4	191,955	1/4	182,219	1/4	171,883	1/4	161,526	1/4	151,154	1/4	138,220	1/4	123,249	1/4	93,290
1/2		1/2		1/2	191,831	1/2	182,004	1/2	171,668	1/2	161,310	1/2	150,938	1/2	137,908	1/2	122,937	1/2	92,978
3/4		3/4		3/4	191,708	3/4	181,789	3/4	171,452	3/4	161,094	3/4	150,722	3/4	137,596	3/4	122,625	3/4	92,666
3		3		3	191,584	3	181,573	3	171,237	3	160,878	3	150,505	3	137,284	3	122,313	3	92,354
1/4		1/4		1/4	191,424	1/4	181,358	1/4	171,022	1/4	160,662	1/4	150,289	1/4	136,973	1/4	122,001	1/4	92,042
1/2		1/2		1/2	191,264	1/2	181,143	1/2	170,806	1/2	160,446	1/2	150,073	1/2	136,661	1/2	121,689	1/2	91,730
3/4		3/4		3/4	191,105	3/4	180,927	3/4	170,591	3/4	160,230	3/4	149,857	3/4	136,349	3/4	121,377	3/4	91,418
4		4		4	190,945	4	180,712	4	170,376	4	160,014	4	149,641	4	136,037	4	121,065	4	91,106
1/4		1/4		1/4	190,752	1/4	180,497	1/4	170,160	1/4	159,798	1/4	149,421	1/4	135,725	1/4	120,753	1/4	90,794
1/2		1/2		1/2	190,559	1/2	180,281	1/2	169,945	1/2	159,582	1/2	149,202	1/2	135,413	1/2	120,441	1/2	90,481
3/4		3/4		3/4	190,365	3/4	180,066	3/4	169,730	3/4	159,365	3/4	148,982	3/4	135,101	3/4	120,129	3/4	90,169
5		5		5	190,172	5	179,851	5	169,514	5	159,149	5	148,763	5	134,789	5	119,818	5	89,857
1/4		1/4		1/4	189,961	1/4	179,635	1/4	169,299	1/4	158,933	1/4	148,531	1/4	134,477	1/4	119,506	1/4	89,545
1/2		1/2		1/2	189,749	1/2	179,420	1/2	169,084	1/2	158,717	1/2	148,300	1/2	134,165	1/2	119,194	1/2	89,233
3/4		3/4		3/4	189,537	3/4	179,205	3/4	168,868	3/4	158,501	3/4	148,069	3/4	133,853	3/4	118,882	3/4	88,921
6		6		6	189,325	6	178,989	6	168,653	6	158,285	6	147,838	6	133,542	6	118,570	6	88,609
1/4		1/4		1/4	189,110	1/4	178,774	1/4	168,438	1/4	158,069	1/4	147,590	1/4	133,230	1/4	118,258	1/4	88,297
1/2		1/2		1/2	188,895	1/2	178,559	1/2	168,222	1/2	157,853	1/2	147,343	1/2	132,918	1/2	117,946	1/2	87,985
3/4		3/4		3/4	188,680	3/4	178,343	3/4	168,007	3/4	157,637	3/4	147,096	3/4	132,606	3/4	117,634	3/4	87,672
7		7		7	188,465	7	178,128	7	167,792	7	157,421	7	146,848	7	132,294	7	117,322	7	87,360
1/4		1/4		1/4	188,250	1/4	177,913	1/4	167,576	1/4	157,204	1/4	146,585	1/4	131,982	1/4	117,010	1/4	87,048
1/2		1/2		1/2	188,034	1/2	177,697	1/2	167,360	1/2	156,988	1/2	146,322	1/2	131,670	1/2	116,698	1/2	86,735
3/4		3/4		3/4	187,819	3/4	177,482	3/4	167,145	3/4	156,772	3/4	146,059	3/4	131,358	3/4	116,387	3/4	86,423
8		8		8	187,603	8	177,267	8	166,929	8	156,556	8	145,796	8	131,046	8	116,075	8	86,111
1/4		1/4		1/4	187,388	1/4	177,051	1/4	166,713	1/4	156,340	1/4	145,518	1/4	130,734	1/4	115,763	1/4	85,798
1/2		1/2		1/2	187,173	1/2	176,836	1/2	166,497	1/2	156,124	1/2	145,239	1/2	130,422	1/2	115,451	1/2	85,486
3/4		3/4		3/4	186,957	3/4	176,621	3/4	166,281	3/4	155,908	3/4	144,960	3/4	130,111	3/4	115,139	3/4	85,173
9		9		9	186,742	9	176,405	9	166,064	9	155,692	9	144,682	9	129,799	9	114,827	9	84,861
1/4		1/4		1/4	186,526	1/4	176,190	1/4	165,848	1/4	155,476	1/4	144,387	1/4	129,487	1/4	114,515	1/4	84,549
1/2		1/2		1/2	186,311	1/2	175,975	1/2	165,632	1/2	155,260	1/2	144,092	1/2	129,175	1/2	114,203	1/2	84,236
3/4		3/4		3/4	186,095	3/4	175,759	3/4	165,416	3/4	155,043	3/4	143,797	3/4	128,863	3/4	113,891	3/4	83,924
10		10		10	185,880	10	175,544	10	165,200	10	154,827	10	143,502	10	128,551	10	113,579	10	83,611
1/4		1/4		1/4	185,665	1/4	175,329	1/4	164,984	1/4	154,611	1/4	143,195	1/4	128,239	1/4	113,267	1/4	83,299
1/2		1/2		1/2	185,449	1/2	175,113	1/2	164,768	1/2	154,395	1/2	142,888	1/2	127,927	1/2	112,956	1/2	82,987
3/4		3/4		3/4	185,234	3/4	174,898	3/4	164,552	3/4	154,179	3/4	142,581	3/4	127,615	3/4	112,644	3/4	82,674
11		11		11	185,019	11	174,683	11	164,336	11	153,963	11	142,274	11	127,303	11	112,332	11	82,362
1/4		1/4		1/4	184,803	1/4	174,467	1/4	164,120	1/4	153,747	1/4	141,962	1/4	126,991	1/4	112,020	1/4	82,049
1/2		1/2		1/2	184,588	1/2	174,252	1/2	163,904	1/2	153,531	1/2	141,650	1/2	126,680	1/2	111,708	1/2	81,737
3/4		3/4		3/4	184,373	3/4	174,037	3/4	163,687	3/4	153,315	3/4	141,339	3/4	126,368	3/4	111,396	3/4	81,425

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

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# BARGE "HSM 3035"

## 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	81,112	0	66,192	0	51,450	0	36,867	0	21,890	0	6,886	0		0		0		0	
1/4	80,800	1/4	65,882	1/4	51,148	1/4	36,558	1/4	21,577	1/4	6,574	1/4		1/4		1/4		1/4	
1/2	80,488	1/2	65,571	1/2	50,845	1/2	36,250	1/2	21,265	1/2	6,261	1/2		1/2		1/2		1/2	
3/4	80,175	3/4	65,261	3/4	50,543	3/4	35,942	3/4	20,952	3/4	5,949	3/4		3/4		3/4		3/4	
1	79,863	1	64,951	1	50,240	1	35,633	1	20,640	1	5,636	1		1		1		1	
1/4	79,550	1/4	64,640	1/4	49,937	1/4	35,321	1/4	20,327	1/4	5,323	1/4		1/4		1/4		1/4	
1/2	79,238	1/2	64,330	1/2	49,635	1/2	35,010	1/2	20,015	1/2	5,011	1/2		1/2		1/2		1/2	
3/4	78,926	3/4	64,019	3/4	49,332	3/4	34,698	3/4	19,702	3/4	4,698	3/4		3/4		3/4		3/4	
2	78,613	2	63,709	2	49,030	2	34,386	2	19,390	2	4,386	2		2		2		2	
1/4	78,302	1/4	63,398	1/4	48,727	1/4	34,073	1/4	19,078	1/4	4,074	1/4		1/4		1/4		1/4	
1/2	77,990	1/2	63,086	1/2	48,424	1/2	33,761	1/2	18,765	1/2	3,762	1/2		1/2		1/2		1/2	
3/4	77,679	3/4	62,775	3/4	48,122	3/4	33,448	3/4	18,453	3/4	3,450	3/4		3/4		3/4		3/4	
3	77,368	3	62,464	3	47,819	3	33,136	3	18,140	3	3,138	3		3		3		3	
1/4	77,057	1/4	62,152	1/4	47,517	1/4	32,823	1/4	17,828	1/4	2,845	1/4		1/4		1/4		1/4	
1/2	76,747	1/2	61,840	1/2	47,215	1/2	32,511	1/2	17,515	1/2	2,552	1/2		1/2		1/2		1/2	
3/4	76,436	3/4	61,528	3/4	46,913	3/4	32,199	3/4	17,203	3/4	2,260	3/4		3/4		3/4		3/4	
4	76,126	4	61,215	4	46,611	4	31,886	4	16,890	4	1,967	4		4		4		4	
1/4	75,815	1/4	60,903	1/4	46,309	1/4	31,574	1/4	16,578	1/4	1,733	1/4		1/4		1/4		1/4	
1/2	75,505	1/2	60,591	1/2	46,007	1/2	31,261	1/2	16,265	1/2	1,498	1/2		1/2		1/2		1/2	
3/4	75,195	3/4	60,279	3/4	45,705	3/4	30,949	3/4	15,953	3/4	1,263	3/4		3/4		3/4		3/4	
5	74,884	5	59,967	5	45,403	5	30,636	5	15,641	5	1,029	5		5		5		5	
1/4	74,574	1/4	59,658	1/4	45,100	1/4	30,324	1/4	15,328	1/4		1/4		1/4		1/4		1/4	
1/2	74,263	1/2	59,349	1/2	44,796	1/2	30,012	1/2	15,016	1/2		1/2		1/2		1/2		1/2	
3/4	73,953	3/4	59,040	3/4	44,493	3/4	29,699	3/4	14,703	3/4		3/4		3/4		3/4		3/4	
6	73,642	6	58,731	6	44,189	6	29,387	6	14,391	6		6		6		6		6	
1/4	73,332	1/4	58,426	1/4	43,884	1/4	29,075	1/4	14,078	1/4		1/4		1/4		1/4		1/4	
1/2	73,022	1/2	58,120	1/2	43,579	1/2	28,762	1/2	13,766	1/2		1/2		1/2		1/2		1/2	
3/4	72,711	3/4	57,814	3/4	43,274	3/4	28,450	3/4	13,453	3/4		3/4		3/4		3/4		3/4	
7	72,401	7	57,508	7	42,969	7	28,138	7	13,141	7		7		7		7		7	
1/4	72,090	1/4	57,204	1/4	42,664	1/4	27,825	1/4	12,828	1/4		1/4		1/4		1/4		1/4	
1/2	71,780	1/2	56,900	1/2	42,359	1/2	27,513	1/2	12,516	1/2		1/2		1/2		1/2		1/2	
3/4	71,469	3/4	56,596	3/4	42,054	3/4	27,201	3/4	12,204	3/4		3/4		3/4		3/4		3/4	
8	71,159	8	56,292	8	41,749	8	26,889	8	11,891	8		8		8		8		8	
1/4	70,849	1/4	55,989	1/4	41,443	1/4	26,576	1/4	11,578	1/4		1/4		1/4		1/4		1/4	
1/2	70,538	1/2	55,687	1/2	41,138	1/2	26,264	1/2	11,266	1/2		1/2		1/2		1/2		1/2	
3/4	70,228	3/4	55,384	3/4	40,833	3/4	25,951	3/4	10,953	3/4		3/4		3/4		3/4		3/4	
9	69,917	9	55,081	9	40,528	9	25,639	9	10,640	9		9		9		9		9	
1/4	69,607	1/4	54,779	1/4	40,223	1/4	25,327	1/4	10,327	1/4		1/4		1/4		1/4		1/4	
1/2	69,296	1/2	54,476	1/2	39,918	1/2	25,014	1/2	10,014	1/2		1/2		1/2		1/2		1/2	
3/4	68,986	3/4	54,174	3/4	39,613	3/4	24,702	3/4	9,701	3/4		3/4		3/4		3/4		3/4	
10	68,676	10	53,871	10	39,308	10	24,389	10	9,389	10		10		10		10		10	
1/4	68,365	1/4	53,568	1/4	39,002	1/4	24,077	1/4	9,076	1/4		1/4		1/4		1/4		1/4	
1/2	68,055	1/2	53,266	1/2	38,697	1/2	23,764	1/2	8,763	1/2		1/2		1/2		1/2		1/2	
3/4	67,744	3/4	52,963	3/4	38,392	3/4	23,452	3/4	8,450	3/4		3/4		3/4		3/4		3/4	
11	67,434	11	52,661	11	38,087	11	23,139	11	8,137	11		11		11		11		11	
1/4	67,124	1/4	52,358	1/4	37,782	1/4	22,827	1/4	7,824	1/4		1/4		1/4		1/4		1/4	
1/2	66,813	1/2	52,055	1/2	37,477	1/2	22,515	1/2	7,512	1/2		1/2		1/2		1/2		1/2	
3/4	66,503	3/4	51,753	3/4	37,172	3/4	22,202	3/4	7,199	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2020 CL  
CALCULATED: 01/15/2020 CL  
PRINTED: 01/16/2020 CL

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020



# BARGE "HSM 3035"

## 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		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	185,035	0	174,707	0	164,366	0	154,002	0	141,928	0	126,936	0	111,944	0	96,937
1/4		1/4		1/4	184,820	1/4	174,492	1/4	164,150	1/4	153,786	1/4	141,615	1/4	126,624	1/4	111,632	1/4	96,624
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	184,389	3/4	174,062	3/4	163,718	3/4	153,354	3/4	140,991	3/4	125,999	3/4	111,007	3/4	95,999
1		1		1	184,174	1	173,847	1	163,502	1	153,138	1	140,678	1	125,687	1	110,695	1	95,686
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	183,744	1/2	173,416	1/2	163,071	1/2	152,707	1/2	140,054	1/2	125,062	1/2	110,070	1/2	95,060
3/4		3/4		3/4	183,529	3/4	173,201	3/4	162,855	3/4	152,491	3/4	139,742	3/4	124,750	3/4	109,757	3/4	94,748
2		2		2	192,949	2	183,314	2	172,986	2	162,639	2	152,275	2	139,429	2	124,437	2	109,445
1/4		1/4		1/4	192,826	1/4	183,098	1/4	172,771	1/4	162,423	1/4	152,059	1/4	139,117	1/4	124,125	1/4	109,133
1/2		1/2		1/2	192,702	1/2	182,883	1/2	172,556	1/2	162,207	1/2	151,843	1/2	138,805	1/2	123,813	1/2	108,820
3/4		3/4		3/4	192,579	3/4	182,668	3/4	172,341	3/4	161,991	3/4	151,627	3/4	138,492	3/4	123,500	3/4	108,508
3		3		3	192,455	3	182,453	3	172,125	3	161,775	3	151,411	3	138,180	3	123,188	3	108,195
1/4		1/4		1/4	192,295	1/4	182,238	1/4	171,910	1/4	161,559	1/4	151,195	1/4	137,867	1/4	122,876	1/4	107,883
1/2		1/2		1/2	192,136	1/2	182,023	1/2	171,695	1/2	161,343	1/2	150,979	1/2	137,555	1/2	122,563	1/2	107,570
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	137,243	3/4	122,251	3/4	107,257
4		4		4	191,817	4	181,592	4	171,265	4	160,911	4	150,547	4	136,930	4	121,939	4	106,945
1/4		1/4		1/4	191,624	1/4	181,377	1/4	171,050	1/4	160,695	1/4	150,328	1/4	136,618	1/4	121,626	1/4	106,632
1/2		1/2		1/2	191,431	1/2	181,162	1/2	170,834	1/2	160,480	1/2	150,108	1/2	136,306	1/2	121,314	1/2	106,319
3/4		3/4		3/4	191,238	3/4	180,947	3/4	170,619	3/4	160,264	3/4	149,889	3/4	135,993	3/4	121,002	3/4	106,007
5		5		5	191,045	5	180,732	5	170,404	5	160,048	5	149,669	5	135,681	5	120,689	5	105,694
1/4		1/4		1/4	190,833	1/4	180,517	1/4	170,189	1/4	159,832	1/4	149,438	1/4	135,369	1/4	120,377	1/4	105,381
1/2		1/2		1/2	190,622	1/2	180,301	1/2	169,974	1/2	159,616	1/2	149,207	1/2	135,056	1/2	120,065	1/2	105,068
3/4		3/4		3/4	190,410	3/4	180,086	3/4	169,759	3/4	159,400	3/4	148,976	3/4	134,744	3/4	119,752	3/4	104,756
6		6		6	190,198	6	179,871	6	169,544	6	159,184	6	148,745	6	134,432	6	119,440	6	104,443
1/4		1/4		1/4	190,984	1/4	179,656	1/4	169,328	1/4	158,968	1/4	148,498	1/4	134,119	1/4	119,128	1/4	104,130
1/2		1/2		1/2	189,769	1/2	179,441	1/2	169,113	1/2	158,752	1/2	148,251	1/2	133,807	1/2	118,815	1/2	103,817
3/4		3/4		3/4	189,554	3/4	179,226	3/4	168,898	3/4	158,536	3/4	148,004	3/4	133,495	3/4	118,503	3/4	103,505
7		7		7	189,339	7	179,010	7	168,683	7	158,320	7	147,756	7	133,182	7	118,191	7	103,192
1/4		1/4		1/4	189,124	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
1/2		1/2		1/2	188,908	1/2	178,580	1/2	168,252	1/2	157,889	1/2	147,230	1/2	132,558	1/2	117,566	1/2	102,566
3/4		3/4		3/4	188,693	3/4	178,365	3/4	168,036	3/4	157,673	3/4	146,967	3/4	132,245	3/4	117,254	3/4	102,254
8		8		8	188,478	8	178,150	8	167,821	8	157,457	8	146,704	8	131,933	8	116,941	8	101,941
1/4		1/4		1/4	188,263	1/4	177,935	1/4	167,605	1/4	157,241	1/4	146,424	1/4	131,621	1/4	116,629	1/4	101,628
1/2		1/2		1/2	188,047	1/2	177,719	1/2	167,389	1/2	157,025	1/2	146,145	1/2	131,308	1/2	116,317	1/2	101,315
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	101,003
9		9		9	187,617	9	177,289	9	166,957	9	156,593	9	145,587	9	130,684	9	115,692	9	100,690
1/4		1/4		1/4	187,402	1/4	177,074	1/4	166,741	1/4	156,377	1/4	145,292	1/4	130,371	1/4	115,380	1/4	100,377
1/2		1/2		1/2	187,186	1/2	176,859	1/2	166,525	1/2	156,161	1/2	144,997	1/2	130,059	1/2	115,067	1/2	100,064
3/4		3/4		3/4	186,971	3/4	176,644	3/4	166,309	3/4	155,945	3/4	144,701	3/4	129,747	3/4	114,755	3/4	99,752
10		10		10	186,756	10	176,429	10	166,093	10	155,729	10	144,406	10	129,435	10	114,443	10	99,439
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
1/2		1/2		1/2	186,326	1/2	175,998	1/2	165,662	1/2	155,298	1/2	143,791	1/2	128,810	1/2	113,818	1/2	98,813
3/4		3/4		3/4	186,111	3/4	175,783	3/4	165,446	3/4	155,082	3/4	143,483	3/4	128,498	3/4	113,506	3/4	98,501
11		11		11	185,895	11	175,568	11	165,230	11	154,866	11	143,176	11	128,185	11	113,193	11	98,188
1/4		1/4		1/4	185,680	1/4	175,353	1/4	165,014	1/4	154,650	1/4	142,864	1/4	127,873	1/4	112,881	1/4	97,875
1/2		1/2		1/2	185,465	1/2	175,138	1/2	164,798	1/2	154,434	1/2	142,552	1/2	127,561	1/2	112,569	1/2	97,562
3/4		3/4		3/4	185,250	3/4	174,922	3/4	164,582	3/4	154,218	3/4	142,240	3/4	127,248	3/4	112,256	3/4	97,250

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 3035"

## 3 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	81,925	0	66,913	0	51,901	0	36,904	0	21,895	0	6,884	0		0		0		0	
1/4	81,612	1/4	66,600	1/4	51,588	1/4	36,592	1/4	21,582	1/4	6,571	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	21,270	1/2	6,258	1/2		1/2		1/2		1/2	
3/4	80,987	3/4	65,975	3/4	50,963	3/4	35,967	3/4	20,957	3/4	5,945	3/4		3/4		3/4		3/4	
1	80,674	1	65,662	1	50,650	1	35,655	1	20,644	1	5,633	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	35,030	1/2	20,019	1/2	5,008	1/2		1/2		1/2		1/2	
3/4	79,736	3/4	64,724	3/4	49,712	3/4	34,717	3/4	19,706	3/4	4,695	3/4		3/4		3/4		3/4	
2	79,423	2	64,411	2	49,399	2	34,405	2	19,393	2	4,383	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	18,768	1/2	3,759	1/2		1/2		1/2		1/2	
3/4	78,485	3/4	63,473	3/4	48,461	3/4	33,467	3/4	18,455	3/4	3,447	3/4		3/4		3/4		3/4	
3	78,172	3	63,160	3	48,148	3	33,154	3	18,142	3	3,136	3		3		3		3	
1/4	77,859	1/4	62,847	1/4	47,835	1/4	32,841	1/4	17,830	1/4	2,843	1/4		1/4		1/4		1/4	
1/2	77,546	1/2	62,534	1/2	47,523	1/2	32,528	1/2	17,517	1/2	2,551	1/2		1/2		1/2		1/2	
3/4	77,234	3/4	62,222	3/4	47,210	3/4	32,216	3/4	17,204	3/4	2,258	3/4		3/4		3/4		3/4	
4	76,921	4	61,909	4	46,897	4	31,903	4	16,891	4	1,966	4		4		4		4	
1/4	76,608	1/4	61,596	1/4	46,585	1/4	31,590	1/4	16,579	1/4	1,732	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	16,266	1/2	1,497	1/2		1/2		1/2		1/2	
3/4	75,983	3/4	60,971	3/4	45,960	3/4	30,965	3/4	15,953	3/4	1,262	3/4		3/4		3/4		3/4	
5	75,670	5	60,658	5	45,647	5	30,652	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	15,328	1/4		1/4		1/4		1/4		1/4	
1/2	75,044	1/2	60,032	1/2	45,023	1/2	30,026	1/2	15,015	1/2		1/2		1/2		1/2		1/2	
3/4	74,732	3/4	59,720	3/4	44,710	3/4	29,714	3/4	14,702	3/4		3/4		3/4		3/4		3/4	
6	74,419	6	59,407	6	44,398	6	29,401	6	14,389	6		6		6		6		6	
1/4	74,106	1/4	59,094	1/4	44,086	1/4	29,088	1/4	14,077	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	13,764	1/2		1/2		1/2		1/2		1/2	
3/4	73,481	3/4	58,469	3/4	43,461	3/4	28,463	3/4	13,451	3/4		3/4		3/4		3/4		3/4	
7	73,168	7	58,156	7	43,149	7	28,150	7	13,138	7		7		7		7		7	
1/4	72,855	1/4	57,843	1/4	42,837	1/4	27,837	1/4	12,826	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	72,230	3/4	57,218	3/4	42,212	3/4	27,212	3/4	12,200	3/4		3/4		3/4		3/4		3/4	
8	71,917	8	56,905	8	41,900	8	26,899	8	11,887	8		8		8		8		8	
1/4	71,604	1/4	56,592	1/4	41,588	1/4	26,586	1/4	11,575	1/4		1/4		1/4		1/4		1/4	
1/2	71,291	1/2	56,279	1/2	41,275	1/2	26,274	1/2	11,262	1/2		1/2		1/2		1/2		1/2	
3/4	70,979	3/4	55,967	3/4	40,963	3/4	25,961	3/4	10,949	3/4		3/4		3/4		3/4		3/4	
9	70,666	9	55,654	9	40,651	9	25,648	9	10,636	9		9		9		9		9	
1/4	70,353	1/4	55,341	1/4	40,339	1/4	25,335	1/4	10,324	1/4		1/4		1/4		1/4		1/4	
1/2	70,040	1/2	55,028	1/2	40,026	1/2	25,023	1/2	10,011	1/2		1/2		1/2		1/2		1/2	
3/4	69,728	3/4	54,716	3/4	39,714	3/4	24,710	3/4	9,698	3/4		3/4		3/4		3/4		3/4	
10	69,415	10	54,403	10	39,402	10	24,397	10	9,386	10		10		10		10		10	
1/4	69,102	1/4	54,090	1/4	39,090	1/4	24,084	1/4	9,073	1/4		1/4		1/4		1/4		1/4	
1/2	68,789	1/2	53,777	1/2	38,777	1/2	23,772	1/2	8,760	1/2		1/2		1/2		1/2		1/2	
3/4	68,477	3/4	53,465	3/4	38,465	3/4	23,459	3/4	8,447	3/4		3/4		3/4		3/4		3/4	
11	68,164	11	53,152	11	38,153	11	23,146	11	8,135	11		11		11		11		11	
1/4	67,851	1/4	52,839	1/4	37,841	1/4	22,833	1/4	7,822	1/4		1/4		1/4		1/4		1/4	
1/2	67,538	1/2	52,526	1/2	37,528	1/2	22,521	1/2	7,509	1/2		1/2		1/2		1/2		1/2	
3/4	67,226	3/4	52,214	3/4	37,216	3/4	22,208	3/4	7,196	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/15/2020 CL  
CALCULATED: 01/15/2020 CL  
PRINTED: 01/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "HSM 3035"

## PORT SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	4,234	0	3,079	0	1,925	0	770	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	4,210	1/4	3,054	1/4	1,901	1/4	746	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	4,185	1/2	3,030	1/2	1,877	1/2	722	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	4,161	3/4	3,006	3/4	1,853	3/4	698	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	4,137	1	2,982	1	1,829	1	674	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	4,113	1/4	2,958	1/4	1,805	1/4	650	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	4,089	1/2	2,934	1/2	1,780	1/2	626	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	4,065	3/4	2,910	3/4	1,756	3/4	602	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	5,140	2	4,041	2	2,886	2	1,732	2	578	2	2	2	2	2	2	2	2	2
1/4	1/4	5,128	1/4	4,017	1/4	2,862	1/4	1,708	1/4	553	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	5,117	1/2	3,993	1/2	2,838	1/2	1,684	1/2	529	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	5,105	3/4	3,969	3/4	2,814	3/4	1,660	3/4	505	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	5,093	3	3,945	3	2,790	3	1,636	3	481	3	3	3	3	3	3	3	3	3
1/4	1/4	5,070	1/4	3,921	1/4	2,766	1/4	1,612	1/4	457	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	5,046	1/2	3,897	1/2	2,742	1/2	1,588	1/2	433	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	5,023	3/4	3,873	3/4	2,718	3/4	1,564	3/4	409	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4,999	4	3,849	4	2,694	4	1,540	4	385	4	4	4	4	4	4	4	4	4
1/4	1/4	4,975	1/4	3,825	1/4	2,670	1/4	1,516	1/4	361	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,952	1/2	3,800	1/2	2,646	1/2	1,492	1/2	337	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,928	3/4	3,776	3/4	2,622	3/4	1,468	3/4	313	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	4,904	5	3,752	5	2,597	5	1,444	5	289	5	5	5	5	5	5	5	5	5
1/4	1/4	4,881	1/4	3,728	1/4	2,574	1/4	1,419	1/4	265	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,857	1/2	3,704	1/2	2,550	1/2	1,395	1/2	241	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,833	3/4	3,680	3/4	2,526	3/4	1,371	3/4	217	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	4,810	6	3,656	6	2,502	6	1,347	6	193	6	6	6	6	6	6	6	6	6
1/4	1/4	4,786	1/4	3,632	1/4	2,478	1/4	1,323	1/4	168	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,762	1/2	3,608	1/2	2,454	1/2	1,299	1/2	144	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,739	3/4	3,584	3/4	2,430	3/4	1,275	3/4	120	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	4,715	7	3,560	7	2,406	7	1,251	7	96	7	7	7	7	7	7	7	7	7
1/4	1/4	4,691	1/4	3,536	1/4	2,382	1/4	1,227	1/4	72	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,667	1/2	3,512	1/2	2,358	1/2	1,203	1/2	48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,643	3/4	3,488	3/4	2,334	3/4	1,179	3/4	24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	4,619	8	3,464	8	2,310	8	1,155	8	0	8	8	8	8	8	8	8	8	8
1/4	1/4	4,595	1/4	3,440	1/4	2,286	1/4	1,131	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,570	1/2	3,415	1/2	2,262	1/2	1,107	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,546	3/4	3,391	3/4	2,238	3/4	1,083	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	4,522	9	3,367	9	2,214	9	1,059	9	0	9	9	9	9	9	9	9	9	9
1/4	1/4	4,498	1/4	3,343	1/4	2,190	1/4	1,035	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,474	1/2	3,319	1/2	2,165	1/2	1,011	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,450	3/4	3,295	3/4	2,141	3/4	987	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	4,426	10	3,271	10	2,117	10	963	10	0	10	10	10	10	10	10	10	10	10
1/4	1/4	4,402	1/4	3,247	1/4	2,093	1/4	938	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,378	1/2	3,223	1/2	2,069	1/2	914	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,354	3/4	3,199	3/4	2,045	3/4	890	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	4,330	11	3,175	11	2,021	11	866	11	0	11	11	11	11	11	11	11	11	11
1/4	1/4	4,306	1/4	3,151	1/4	1,997	1/4	842	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	4,282	1/2	3,127	1/2	1,973	1/2	818	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	4,258	3/4	3,103	3/4	1,949	3/4	794	3/4	0	3/4	3/4	3/4	3/4	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: 01/15/2020 CL  
CALCULATED: 01/15/2020 CL  
PRINTED: 01/16/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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 3035"

## STBD SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07"

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	4,234	0	3,079	0	1,925	0	770	0		0		0		0	
1/4	1/4	1/4	1/4	1/4	4,210	1/4	3,054	1/4	1,901	1/4	746	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,185	1/2	3,030	1/2	1,877	1/2	722	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,161	3/4	3,006	3/4	1,853	3/4	698	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1		1		1	4,137	1	2,982	1	1,829	1	674	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,113	1/4	2,958	1/4	1,805	1/4	650	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,089	1/2	2,934	1/2	1,780	1/2	626	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,065	3/4	2,910	3/4	1,756	3/4	602	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2		2		2	5,140	2	4,041	2	2,886	2	1,732	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	5,128	1/4	4,017	1/4	2,862	1/4	1,708	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	5,117	1/2	3,993	1/2	2,838	1/2	1,684	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,105	3/4	3,969	3/4	2,814	3/4	1,660	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3		3		3	5,093	3	3,945	3	2,790	3	1,636	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	5,070	1/4	3,921	1/4	2,766	1/4	1,612	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	5,046	1/2	3,897	1/2	2,742	1/2	1,588	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,023	3/4	3,873	3/4	2,718	3/4	1,564	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4		4		4	4,999	4	3,849	4	2,694	4	1,540	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,975	1/4	3,825	1/4	2,670	1/4	1,516	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,952	1/2	3,800	1/2	2,646	1/2	1,492	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,928	3/4	3,776	3/4	2,622	3/4	1,468	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5		5		5	4,904	5	3,752	5	2,597	5	1,444	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,881	1/4	3,728	1/4	2,574	1/4	1,419	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,857	1/2	3,704	1/2	2,550	1/2	1,395	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,833	3/4	3,680	3/4	2,526	3/4	1,371	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6		6		6	4,810	6	3,656	6	2,502	6	1,347	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,786	1/4	3,632	1/4	2,478	1/4	1,323	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,762	1/2	3,608	1/2	2,454	1/2	1,299	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,739	3/4	3,584	3/4	2,430	3/4	1,275	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7		7		7	4,715	7	3,560	7	2,406	7	1,251	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	4,691	1/4	3,536	1/4	2,382	1/4	1,227	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,667	1/2	3,512	1/2	2,358	1/2	1,203	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,643	3/4	3,488	3/4	2,334	3/4	1,179	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8		8		8	4,619	8	3,464	8	2,310	8	1,155	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	4,595	1/4	3,440	1/4	2,286	1/4	1,131	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,570	1/2	3,415	1/2	2,262	1/2	1,107	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,546	3/4	3,391	3/4	2,238	3/4	1,083	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9		9		9	4,522	9	3,367	9	2,214	9	1,059	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	4,498	1/4	3,343	1/4	2,190	1/4	1,035	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,474	1/2	3,319	1/2	2,165	1/2	1,011	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,450	3/4	3,295	3/4	2,141	3/4	987	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10		10		10	4,426	10	3,271	10	2,117	10	963	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	4,402	1/4	3,247	1/4	2,093	1/4	938	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,378	1/2	3,223	1/2	2,069	1/2	914	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,354	3/4	3,199	3/4	2,045	3/4	890	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11		11		11	4,330	11	3,175	11	2,021	11	866	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	4,306	1/4	3,151	1/4	1,997	1/4	842	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,282	1/2	3,127	1/2	1,973	1/2	818	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,258	3/4	3,103	3/4	1,949	3/4	794	3/4	3/4	3/4	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: 01/15/2020 CL  
CALCULATED: 01/15/2020 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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