



BARGE "HSM 3009"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 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	- 00-1/8	00-1/8	- 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(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 15, 2017

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

<http://www.pmacorp.net>



BARGE "HSM 3009"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 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	80,508	0	65,454	0	50,497	0	35,450	0	20,396	0	6,079	0		0		0		0	
1/4	80,195	1/4	65,140	1/4	50,185	1/4	35,136	1/4	20,082	1/4	5,804	1/4		1/4		1/4		1/4	
1/2	79,881	1/2	64,827	1/2	49,872	1/2	34,823	1/2	19,769	1/2	5,529	1/2		1/2		1/2		1/2	
3/4	79,567	3/4	64,514	3/4	49,560	3/4	34,509	3/4	19,455	3/4	5,254	3/4		3/4		3/4		3/4	
1	79,254	1	64,201	1	49,247	1	34,196	1	19,141	1	4,983	1		1		1		1	
1/4	78,940	1/4	63,889	1/4	48,934	1/4	33,882	1/4	18,828	1/4	4,712	1/4		1/4		1/4		1/4	
1/2	78,626	1/2	63,576	1/2	48,622	1/2	33,568	1/2	18,514	1/2	4,441	1/2		1/2		1/2		1/2	
3/4	78,313	3/4	63,264	3/4	48,309	3/4	33,255	3/4	18,201	3/4	4,170	3/4		3/4		3/4		3/4	
2	77,999	2	62,953	2	47,995	2	32,941	2	17,888	2	3,903	2		2		2		2	
1/4	77,686	1/4	62,641	1/4	47,681	1/4	32,627	1/4	17,575	1/4	3,636	1/4		1/4		1/4		1/4	
1/2	77,372	1/2	62,330	1/2	47,368	1/2	32,314	1/2	17,263	1/2	3,369	1/2		1/2		1/2		1/2	
3/4	77,058	3/4	62,018	3/4	47,054	3/4	32,000	3/4	16,950	3/4	3,102	3/4		3/4		3/4		3/4	
3	76,745	3	61,707	3	46,741	3	31,686	3	16,640	3	2,839	3		3		3		3	
1/4	76,431	1/4	61,396	1/4	46,427	1/4	31,373	1/4	16,330	1/4	2,577	1/4		1/4		1/4		1/4	
1/2	76,117	1/2	61,084	1/2	46,113	1/2	31,059	1/2	16,021	1/2	2,314	1/2		1/2		1/2		1/2	
3/4	75,804	3/4	60,773	3/4	45,800	3/4	30,746	3/4	15,711	3/4	2,052	3/4		3/4		3/4		3/4	
4	75,490	4	60,462	4	45,486	4	30,432	4	15,405	4	1,813	4		4		4		4	
1/4	75,176	1/4	60,151	1/4	45,172	1/4	30,118	1/4	15,099	1/4	1,573	1/4		1/4		1/4		1/4	
1/2	74,863	1/2	59,839	1/2	44,859	1/2	29,805	1/2	14,793	1/2	1,334	1/2		1/2		1/2		1/2	
3/4	74,549	3/4	59,528	3/4	44,545	3/4	29,491	3/4	14,487	3/4	1,095	3/4		3/4		3/4		3/4	
5	74,236	5	59,217	5	44,232	5	29,177	5	14,185	5	918	5		5		5		5	
1/4	73,922	1/4	58,905	1/4	43,918	1/4	28,864	1/4	13,883	1/4	740	1/4		1/4		1/4		1/4	
1/2	73,608	1/2	58,594	1/2	43,604	1/2	28,550	1/2	13,581	1/2	563	1/2		1/2		1/2		1/2	
3/4	73,295	3/4	58,283	3/4	43,291	3/4	28,237	3/4	13,279	3/4	386	3/4		3/4		3/4		3/4	
6	72,981	6	57,972	6	42,977	6	27,923	6	12,981	6		6		6		6		6	
1/4	72,667	1/4	57,660	1/4	42,663	1/4	27,609	1/4	12,683	1/4		1/4		1/4		1/4		1/4	
1/2	72,354	1/2	57,349	1/2	42,350	1/2	27,296	1/2	12,385	1/2		1/2		1/2		1/2		1/2	
3/4	72,040	3/4	57,038	3/4	42,036	3/4	26,982	3/4	12,086	3/4		3/4		3/4		3/4		3/4	
7	71,726	7	56,727	7	41,723	7	26,668	7	11,792	7		7		7		7		7	
1/4	71,413	1/4	56,415	1/4	41,409	1/4	26,355	1/4	11,498	1/4		1/4		1/4		1/4		1/4	
1/2	71,099	1/2	56,104	1/2	41,095	1/2	26,041	1/2	11,203	1/2		1/2		1/2		1/2		1/2	
3/4	70,786	3/4	55,793	3/4	40,782	3/4	25,728	3/4	10,909	3/4		3/4		3/4		3/4		3/4	
8	70,472	8	55,482	8	40,468	8	25,414	8	10,619	8		8		8		8		8	
1/4	70,158	1/4	55,170	1/4	40,154	1/4	25,100	1/4	10,328	1/4		1/4		1/4		1/4		1/4	
1/2	69,845	1/2	54,859	1/2	39,841	1/2	24,787	1/2	10,038	1/2		1/2		1/2		1/2		1/2	
3/4	69,531	3/4	54,548	3/4	39,527	3/4	24,473	3/4	9,747	3/4		3/4		3/4		3/4		3/4	
9	69,217	9	54,237	9	39,214	9	24,159	9	9,461	9		9		9		9		9	
1/4	68,904	1/4	53,925	1/4	38,900	1/4	23,846	1/4	9,174	1/4		1/4		1/4		1/4		1/4	
1/2	68,590	1/2	53,614	1/2	38,586	1/2	23,532	1/2	8,887	1/2		1/2		1/2		1/2		1/2	
3/4	68,276	3/4	53,303	3/4	38,273	3/4	23,219	3/4	8,601	3/4		3/4		3/4		3/4		3/4	
10	67,963	10	52,991	10	37,959	10	22,905	10	8,318	10		10		10		10		10	
1/4	67,649	1/4	52,680	1/4	37,645	1/4	22,591	1/4	8,035	1/4		1/4		1/4		1/4		1/4	
1/2	67,336	1/2	52,368	1/2	37,332	1/2	22,278	1/2	7,753	1/2		1/2		1/2		1/2		1/2	
3/4	67,022	3/4	52,057	3/4	37,018	3/4	21,964	3/4	7,470	3/4		3/4		3/4		3/4		3/4	
11	66,708	11	51,745	11	36,705	11	21,650	11	7,191	11		11		11		11		11	
1/4	66,395	1/4	51,433	1/4	36,391	1/4	21,337	1/4	6,912	1/4		1/4		1/4		1/4		1/4	
1/2	66,081	1/2	51,121	1/2	36,077	1/2	21,023	1/2	6,633	1/2		1/2		1/2		1/2		1/2	
3/4	65,767	3/4	50,809	3/4	35,764	3/4	20,710	3/4	6,354	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/13/2017 SW
CALCULATED: 01/14/2017 CL
PRINTED: 01/16/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3009"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/2"

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	80,320	0	65,261	0	50,208	0	35,149	0	20,090	0	5,807	0		0		0		0	
1/4	80,007	1/4	64,947	1/4	49,895	1/4	34,835	1/4	19,776	1/4	5,532	1/4		1/4		1/4		1/4	
1/2	79,693	1/2	64,633	1/2	49,581	1/2	34,522	1/2	19,462	1/2	5,257	1/2		1/2		1/2		1/2	
3/4	79,379	3/4	64,319	3/4	49,267	3/4	34,208	3/4	19,149	3/4	4,985	3/4		3/4		3/4		3/4	
1	79,065	1	64,006	1	48,953	1	33,894	1	18,835	1	4,714	1		1		1		1	
1/4	78,752	1/4	63,692	1/4	48,640	1/4	33,580	1/4	18,521	1/4	4,443	1/4		1/4		1/4		1/4	
1/2	78,438	1/2	63,378	1/2	48,326	1/2	33,267	1/2	18,207	1/2	4,172	1/2		1/2		1/2		1/2	
3/4	78,124	3/4	63,064	3/4	48,012	3/4	32,953	3/4	17,895	3/4	3,905	3/4		3/4		3/4		3/4	
2	77,810	2	62,751	2	47,698	2	32,639	2	17,582	2	3,637	2		2		2		2	
1/4	77,497	1/4	62,437	1/4	47,385	1/4	32,325	1/4	17,269	1/4	3,370	1/4		1/4		1/4		1/4	
1/2	77,183	1/2	62,123	1/2	47,071	1/2	32,012	1/2	16,956	1/2	3,103	1/2		1/2		1/2		1/2	
3/4	76,869	3/4	61,810	3/4	46,757	3/4	31,698	3/4	16,646	3/4	2,841	3/4		3/4		3/4		3/4	
3	76,555	3	61,496	3	46,443	3	31,384	3	16,337	3	2,578	3		3		3		3	
1/4	76,242	1/4	61,183	1/4	46,130	1/4	31,071	1/4	16,027	1/4	2,316	1/4		1/4		1/4		1/4	
1/2	75,928	1/2	60,869	1/2	45,816	1/2	30,757	1/2	15,717	1/2	2,053	1/2		1/2		1/2		1/2	
3/4	75,614	3/4	60,556	3/4	45,502	3/4	30,443	3/4	15,411	3/4	1,814	3/4		3/4		3/4		3/4	
4	75,300	4	60,242	4	45,189	4	30,129	4	15,105	4	1,575	4		4		4		4	
1/4	74,987	1/4	59,929	1/4	44,875	1/4	29,816	1/4	14,799	1/4	1,335	1/4		1/4		1/4		1/4	
1/2	74,673	1/2	59,615	1/2	44,561	1/2	29,502	1/2	14,493	1/2	1,096	1/2		1/2		1/2		1/2	
3/4	74,359	3/4	59,302	3/4	44,247	3/4	29,188	3/4	14,191	3/4	919	3/4		3/4		3/4		3/4	
5	74,045	5	58,988	5	43,934	5	28,874	5	13,889	5	741	5		5		5		5	
1/4	73,732	1/4	58,674	1/4	43,620	1/4	28,561	1/4	13,586	1/4	564	1/4		1/4		1/4		1/4	
1/2	73,418	1/2	58,361	1/2	43,306	1/2	28,247	1/2	13,284	1/2	386	1/2		1/2		1/2		1/2	
3/4	73,104	3/4	58,047	3/4	42,992	3/4	27,933	3/4	12,986	3/4		3/4		3/4		3/4		3/4	
6	72,790	6	57,734	6	42,679	6	27,619	6	12,688	6		6		6		6		6	
1/4	72,477	1/4	57,420	1/4	42,365	1/4	27,306	1/4	12,389	1/4		1/4		1/4		1/4		1/4	
1/2	72,163	1/2	57,107	1/2	42,051	1/2	26,992	1/2	12,091	1/2		1/2		1/2		1/2		1/2	
3/4	71,849	3/4	56,793	3/4	41,737	3/4	26,678	3/4	11,797	3/4		3/4		3/4		3/4		3/4	
7	71,535	7	56,480	7	41,424	7	26,365	7	11,502	7		7		7		7		7	
1/4	71,222	1/4	56,166	1/4	41,110	1/4	26,051	1/4	11,208	1/4		1/4		1/4		1/4		1/4	
1/2	70,908	1/2	55,853	1/2	40,796	1/2	25,737	1/2	10,913	1/2		1/2		1/2		1/2		1/2	
3/4	70,594	3/4	55,539	3/4	40,483	3/4	25,423	3/4	10,623	3/4		3/4		3/4		3/4		3/4	
8	70,280	8	55,226	8	40,169	8	25,110	8	10,332	8		8		8		8		8	
1/4	69,967	1/4	54,912	1/4	39,855	1/4	24,796	1/4	10,042	1/4		1/4		1/4		1/4		1/4	
1/2	69,653	1/2	54,599	1/2	39,541	1/2	24,482	1/2	9,751	1/2		1/2		1/2		1/2		1/2	
3/4	69,339	3/4	54,285	3/4	39,228	3/4	24,168	3/4	9,464	3/4		3/4		3/4		3/4		3/4	
9	69,025	9	53,972	9	38,914	9	23,855	9	9,178	9		9		9		9		9	
1/4	68,712	1/4	53,658	1/4	38,600	1/4	23,541	1/4	8,891	1/4		1/4		1/4		1/4		1/4	
1/2	68,398	1/2	53,345	1/2	38,286	1/2	23,227	1/2	8,604	1/2		1/2		1/2		1/2		1/2	
3/4	68,084	3/4	53,031	3/4	37,973	3/4	22,913	3/4	8,322	3/4		3/4		3/4		3/4		3/4	
10	67,771	10	52,718	10	37,659	10	22,600	10	8,039	10		10		10		10		10	
1/4	67,457	1/4	52,404	1/4	37,345	1/4	22,286	1/4	7,756	1/4		1/4		1/4		1/4		1/4	
1/2	67,143	1/2	52,090	1/2	37,031	1/2	21,972	1/2	7,473	1/2		1/2		1/2		1/2		1/2	
3/4	66,829	3/4	51,777	3/4	36,718	3/4	21,658	3/4	7,194	3/4		3/4		3/4		3/4		3/4	
11	66,516	11	51,463	11	36,404	11	21,345	11	6,915	11		11		11		11		11	
1/4	66,202	1/4	51,149	1/4	36,090	1/4	21,031	1/4	6,636	1/4		1/4		1/4		1/4		1/4	
1/2	65,888	1/2	50,836	1/2	35,777	1/2	20,717	1/2	6,357	1/2		1/2		1/2		1/2		1/2	
3/4	65,574	3/4	50,522	3/4	35,463	3/4	20,404	3/4	6,082	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/13/2017 SW
CALCULATED: 01/14/2017 CL
PRINTED: 01/16/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HSM 3009"

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	81,394	0	66,326	0	51,788	0	37,320	0	22,291	0	7,223	0		0		0		0	
1/4	81,080	1/4	66,012	1/4	51,485	1/4	37,018	1/4	21,977	1/4	6,909	1/4		1/4		1/4		1/4	
1/2	80,766	1/2	65,704	1/2	51,184	1/2	36,710	1/2	21,663	1/2	6,595	1/2		1/2		1/2		1/2	
3/4	80,452	3/4	65,396	3/4	50,882	3/4	36,402	3/4	21,349	3/4	6,281	3/4		3/4		3/4		3/4	
1	80,138	1	65,088	1	50,580	1	36,094	1	21,035	1	5,968	1		1		1		1	
1/4	79,824	1/4	64,780	1/4	50,278	1/4	35,786	1/4	20,721	1/4	5,654	1/4		1/4		1/4		1/4	
1/2	79,510	1/2	64,478	1/2	49,977	1/2	35,472	1/2	20,407	1/2	5,340	1/2		1/2		1/2		1/2	
3/4	79,196	3/4	64,176	3/4	49,675	3/4	35,158	3/4	20,093	3/4	5,026	3/4		3/4		3/4		3/4	
2	78,882	2	63,873	2	49,374	2	34,844	2	19,779	2	4,713	2		2		2		2	
1/4	78,569	1/4	63,571	1/4	49,073	1/4	34,531	1/4	19,465	1/4	4,399	1/4		1/4		1/4		1/4	
1/2	78,255	1/2	63,269	1/2	48,771	1/2	34,217	1/2	19,151	1/2	4,086	1/2		1/2		1/2		1/2	
3/4	77,941	3/4	62,967	3/4	48,470	3/4	33,903	3/4	18,838	3/4	3,773	3/4		3/4		3/4		3/4	
3	77,627	3	62,665	3	48,169	3	33,589	3	18,524	3	3,460	3		3		3		3	
1/4	77,313	1/4	62,363	1/4	47,867	1/4	33,275	1/4	18,210	1/4	3,147	1/4		1/4		1/4		1/4	
1/2	76,999	1/2	62,061	1/2	47,566	1/2	32,961	1/2	17,896	1/2	2,854	1/2		1/2		1/2		1/2	
3/4	76,685	3/4	61,758	3/4	47,265	3/4	32,647	3/4	17,582	3/4	2,560	3/4		3/4		3/4		3/4	
4	76,371	4	61,456	4	46,964	4	32,333	4	17,268	4	2,267	4		4		4		4	
1/4	76,057	1/4	61,154	1/4	46,662	1/4	32,019	1/4	16,954	1/4	1,973	1/4		1/4		1/4		1/4	
1/2	75,743	1/2	60,852	1/2	46,361	1/2	31,705	1/2	16,640	1/2	1,738	1/2		1/2		1/2		1/2	
3/4	75,429	3/4	60,550	3/4	46,060	3/4	31,391	3/4	16,326	3/4	1,503	3/4		3/4		3/4		3/4	
5	75,116	5	60,248	5	45,759	5	31,078	5	16,012	5	1,267	5		5		5		5	
1/4	74,802	1/4	59,946	1/4	45,458	1/4	30,764	1/4	15,699	1/4	1,032	1/4		1/4		1/4		1/4	
1/2	74,488	1/2	59,643	1/2	45,156	1/2	30,450	1/2	15,385	1/2		1/2		1/2		1/2		1/2	
3/4	74,174	3/4	59,341	3/4	44,855	3/4	30,136	3/4	15,071	3/4		3/4		3/4		3/4		3/4	
6	73,860	6	59,039	6	44,554	6	29,822	6	14,757	6		6		6		6		6	
1/4	73,546	1/4	58,737	1/4	44,253	1/4	29,508	1/4	14,443	1/4		1/4		1/4		1/4		1/4	
1/2	73,232	1/2	58,435	1/2	43,952	1/2	29,195	1/2	14,129	1/2		1/2		1/2		1/2		1/2	
3/4	72,918	3/4	58,133	3/4	43,650	3/4	28,881	3/4	13,815	3/4		3/4		3/4		3/4		3/4	
7	72,604	7	57,831	7	43,349	7	28,567	7	13,501	7		7		7		7		7	
1/4	72,290	1/4	57,528	1/4	43,048	1/4	28,254	1/4	13,187	1/4		1/4		1/4		1/4		1/4	
1/2	71,976	1/2	57,226	1/2	42,747	1/2	27,940	1/2	12,873	1/2		1/2		1/2		1/2		1/2	
3/4	71,662	3/4	56,924	3/4	42,446	3/4	27,626	3/4	12,560	3/4		3/4		3/4		3/4		3/4	
8	71,349	8	56,622	8	42,144	8	27,313	8	12,246	8		8		8		8		8	
1/4	71,035	1/4	56,320	1/4	41,843	1/4	26,999	1/4	11,932	1/4		1/4		1/4		1/4		1/4	
1/2	70,721	1/2	56,018	1/2	41,542	1/2	26,685	1/2	11,618	1/2		1/2		1/2		1/2		1/2	
3/4	70,407	3/4	55,716	3/4	41,241	3/4	26,371	3/4	11,304	3/4		3/4		3/4		3/4		3/4	
9	70,093	9	55,413	9	40,939	9	26,057	9	10,990	9		9		9		9		9	
1/4	69,779	1/4	55,111	1/4	40,638	1/4	25,743	1/4	10,676	1/4		1/4		1/4		1/4		1/4	
1/2	69,465	1/2	54,809	1/2	40,337	1/2	25,430	1/2	10,362	1/2		1/2		1/2		1/2		1/2	
3/4	69,151	3/4	54,507	3/4	40,036	3/4	25,116	3/4	10,048	3/4		3/4		3/4		3/4		3/4	
10	68,837	10	54,205	10	39,735	10	24,802	10	9,734	10		10		10		10		10	
1/4	68,523	1/4	53,903	1/4	39,433	1/4	24,488	1/4	9,420	1/4		1/4		1/4		1/4		1/4	
1/2	68,209	1/2	53,600	1/2	39,132	1/2	24,174	1/2	9,107	1/2		1/2		1/2		1/2		1/2	
3/4	67,895	3/4	53,298	3/4	38,830	3/4	23,860	3/4	8,793	3/4		3/4		3/4		3/4		3/4	
11	67,582	11	52,996	11	38,528	11	23,546	11	8,479	11		11		11		11		11	
1/4	67,268	1/4	52,694	1/4	38,227	1/4	23,232	1/4	8,165	1/4		1/4		1/4		1/4		1/4	
1/2	66,954	1/2	52,392	1/2	37,925	1/2	22,918	1/2	7,851	1/2		1/2		1/2		1/2		1/2	
3/4	66,640	3/4	52,090	3/4	37,622	3/4	22,604	3/4	7,537	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/13/2017 SW
CALCULATED: 01/14/2017 CL
PRINTED: 01/16/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2017

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



BARGE "HSM 3009"

**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	82,578	0	67,501	0	52,423	0	37,381	0	22,306	0	7,228	0		0		0		0	
1/4	82,264	1/4	67,187	1/4	52,109	1/4	37,067	1/4	21,992	1/4	6,914	1/4		1/4		1/4		1/4	
1/2	81,950	1/2	66,873	1/2	51,795	1/2	36,753	1/2	21,678	1/2	6,600	1/2		1/2		1/2		1/2	
3/4	81,636	3/4	66,559	3/4	51,482	3/4	36,439	3/4	21,363	3/4	6,286	3/4		3/4		3/4		3/4	
1	81,322	1	66,244	1	51,168	1	36,125	1	21,049	1	5,972	1		1		1		1	
1/4	81,008	1/4	65,930	1/4	50,854	1/4	35,810	1/4	20,735	1/4	5,658	1/4		1/4		1/4		1/4	
1/2	80,694	1/2	65,616	1/2	50,541	1/2	35,496	1/2	20,421	1/2	5,344	1/2		1/2		1/2		1/2	
3/4	80,380	3/4	65,302	3/4	50,227	3/4	35,182	3/4	20,107	3/4	5,030	3/4		3/4		3/4		3/4	
2	80,066	2	64,988	2	49,914	2	34,868	2	19,793	2	4,716	2		2		2		2	
1/4	79,751	1/4	64,674	1/4	49,600	1/4	34,554	1/4	19,479	1/4	4,402	1/4		1/4		1/4		1/4	
1/2	79,437	1/2	64,360	1/2	49,287	1/2	34,240	1/2	19,165	1/2	4,089	1/2		1/2		1/2		1/2	
3/4	79,123	3/4	64,046	3/4	48,974	3/4	33,926	3/4	18,850	3/4	3,776	3/4		3/4		3/4		3/4	
3	78,809	3	63,731	3	48,661	3	33,612	3	18,536	3	3,463	3		3		3		3	
1/4	78,495	1/4	63,417	1/4	48,347	1/4	33,298	1/4	18,222	1/4	3,150	1/4		1/4		1/4		1/4	
1/2	78,181	1/2	63,103	1/2	48,034	1/2	32,983	1/2	17,908	1/2	2,856	1/2		1/2		1/2		1/2	
3/4	77,867	3/4	62,789	3/4	47,721	3/4	32,669	3/4	17,594	3/4	2,562	3/4		3/4		3/4		3/4	
4	77,553	4	62,475	4	47,408	4	32,355	4	17,280	4	2,269	4		4		4		4	
1/4	77,238	1/4	62,161	1/4	47,094	1/4	32,041	1/4	16,966	1/4	1,975	1/4		1/4		1/4		1/4	
1/2	76,924	1/2	61,847	1/2	46,781	1/2	31,727	1/2	16,652	1/2	1,739	1/2		1/2		1/2		1/2	
3/4	76,610	3/4	61,533	3/4	46,468	3/4	31,413	3/4	16,338	3/4	1,504	3/4		3/4		3/4		3/4	
5	76,296	5	61,219	5	46,155	5	31,099	5	16,023	5	1,268	5		5		5		5	
1/4	75,982	1/4	60,904	1/4	45,842	1/4	30,785	1/4	15,709	1/4	1,033	1/4		1/4		1/4		1/4	
1/2	75,668	1/2	60,590	1/2	45,529	1/2	30,471	1/2	15,395	1/2		1/2		1/2		1/2		1/2	
3/4	75,354	3/4	60,276	3/4	45,215	3/4	30,157	3/4	15,081	3/4		3/4		3/4		3/4		3/4	
6	75,040	6	59,962	6	44,902	6	29,842	6	14,767	6		6		6		6		6	
1/4	74,726	1/4	59,648	1/4	44,589	1/4	29,528	1/4	14,453	1/4		1/4		1/4		1/4		1/4	
1/2	74,411	1/2	59,334	1/2	44,276	1/2	29,215	1/2	14,139	1/2		1/2		1/2		1/2		1/2	
3/4	74,097	3/4	59,020	3/4	43,963	3/4	28,901	3/4	13,825	3/4		3/4		3/4		3/4		3/4	
7	73,783	7	58,706	7	43,649	7	28,587	7	13,511	7		7		7		7		7	
1/4	73,469	1/4	58,391	1/4	43,336	1/4	28,273	1/4	13,196	1/4		1/4		1/4		1/4		1/4	
1/2	73,155	1/2	58,077	1/2	43,023	1/2	27,959	1/2	12,882	1/2		1/2		1/2		1/2		1/2	
3/4	72,841	3/4	57,763	3/4	42,710	3/4	27,645	3/4	12,568	3/4		3/4		3/4		3/4		3/4	
8	72,527	8	57,449	8	42,397	8	27,331	8	12,254	8		8		8		8		8	
1/4	72,213	1/4	57,135	1/4	42,083	1/4	27,017	1/4	11,940	1/4		1/4		1/4		1/4		1/4	
1/2	71,898	1/2	56,821	1/2	41,770	1/2	26,703	1/2	11,626	1/2		1/2		1/2		1/2		1/2	
3/4	71,584	3/4	56,507	3/4	41,457	3/4	26,389	3/4	11,312	3/4		3/4		3/4		3/4		3/4	
9	71,270	9	56,193	9	41,144	9	26,075	9	10,998	9		9		9		9		9	
1/4	70,956	1/4	55,879	1/4	40,831	1/4	25,761	1/4	10,683	1/4		1/4		1/4		1/4		1/4	
1/2	70,642	1/2	55,564	1/2	40,518	1/2	25,447	1/2	10,369	1/2		1/2		1/2		1/2		1/2	
3/4	70,328	3/4	55,250	3/4	40,204	3/4	25,133	3/4	10,055	3/4		3/4		3/4		3/4		3/4	
10	70,014	10	54,936	10	39,891	10	24,819	10	9,741	10		10		10		10		10	
1/4	69,700	1/4	54,622	1/4	39,578	1/4	24,505	1/4	9,427	1/4		1/4		1/4		1/4		1/4	
1/2	69,386	1/2	54,308	1/2	39,264	1/2	24,190	1/2	9,113	1/2		1/2		1/2		1/2		1/2	
3/4	69,071	3/4	53,994	3/4	38,951	3/4	23,876	3/4	8,799	3/4		3/4		3/4		3/4		3/4	
11	68,757	11	53,680	11	38,637	11	23,562	11	8,485	11		11		11		11		11	
1/4	68,443	1/4	53,366	1/4	38,323	1/4	23,248	1/4	8,171	1/4		1/4		1/4		1/4		1/4	
1/2	68,129	1/2	53,051	1/2	38,009	1/2	22,934	1/2	7,856	1/2		1/2		1/2		1/2		1/2	
3/4	67,815	3/4	52,737	3/4	37,695	3/4	22,620	3/4	7,542	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/13/2017 SW
CALCULATED: 01/14/2017 CL
PRINTED: 01/16/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2017

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



BARGE "HSM 3009"

3 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	80,657	0	65,765	0	51,057	0	36,494	0	21,539	0	6,562	0		0		0		0	
1/4	80,345	1/4	65,455	1/4	50,755	1/4	36,186	1/4	21,227	1/4	6,250	1/4		1/4		1/4		1/4	
1/2	80,033	1/2	65,146	1/2	50,453	1/2	35,878	1/2	20,915	1/2	5,938	1/2		1/2		1/2		1/2	
3/4	79,722	3/4	64,836	3/4	50,151	3/4	35,570	3/4	20,603	3/4	5,626	3/4		3/4		3/4		3/4	
1	79,410	1	64,526	1	49,849	1	35,259	1	20,291	1	5,314	1		1		1		1	
1/4	79,098	1/4	64,216	1/4	49,547	1/4	34,948	1/4	19,979	1/4	5,002	1/4		1/4		1/4		1/4	
1/2	78,786	1/2	63,906	1/2	49,245	1/2	34,636	1/2	19,668	1/2	4,690	1/2		1/2		1/2		1/2	
3/4	78,474	3/4	63,596	3/4	48,943	3/4	34,325	3/4	19,356	3/4	4,378	3/4		3/4		3/4		3/4	
2	78,163	2	63,285	2	48,641	2	34,013	2	19,044	2	4,066	2		2		2		2	
1/4	77,852	1/4	62,975	1/4	48,339	1/4	33,701	1/4	18,732	1/4	3,755	1/4		1/4		1/4		1/4	
1/2	77,542	1/2	62,664	1/2	48,037	1/2	33,389	1/2	18,420	1/2	3,444	1/2		1/2		1/2		1/2	
3/4	77,231	3/4	62,353	3/4	47,735	3/4	33,077	3/4	18,108	3/4	3,132	3/4		3/4		3/4		3/4	
3	76,921	3	62,042	3	47,433	3	32,765	3	17,796	3	2,840	3		3		3		3	
1/4	76,611	1/4	61,730	1/4	47,131	1/4	32,453	1/4	17,484	1/4	2,548	1/4		1/4		1/4		1/4	
1/2	76,301	1/2	61,419	1/2	46,830	1/2	32,142	1/2	17,172	1/2	2,256	1/2		1/2		1/2		1/2	
3/4	75,991	3/4	61,107	3/4	46,528	3/4	31,830	3/4	16,860	3/4	1,964	3/4		3/4		3/4		3/4	
4	75,681	4	60,796	4	46,227	4	31,518	4	16,549	4	1,730	4		4		4		4	
1/4	75,371	1/4	60,484	1/4	45,926	1/4	31,206	1/4	16,237	1/4	1,495	1/4		1/4		1/4		1/4	
1/2	75,062	1/2	60,173	1/2	45,624	1/2	30,894	1/2	15,925	1/2	1,261	1/2		1/2		1/2		1/2	
3/4	74,752	3/4	59,861	3/4	45,323	3/4	30,582	3/4	15,613	3/4	1,027	3/4		3/4		3/4		3/4	
5	74,442	5	59,553	5	45,020	5	30,270	5	15,301	5		5		5		5		5	
1/4	74,132	1/4	59,244	1/4	44,717	1/4	29,958	1/4	14,989	1/4		1/4		1/4		1/4		1/4	
1/2	73,822	1/2	58,936	1/2	44,414	1/2	29,647	1/2	14,677	1/2		1/2		1/2		1/2		1/2	
3/4	73,512	3/4	58,628	3/4	44,111	3/4	29,335	3/4	14,365	3/4		3/4		3/4		3/4		3/4	
6	73,202	6	58,322	6	43,807	6	29,023	6	14,053	6		6		6		6		6	
1/4	72,892	1/4	58,017	1/4	43,502	1/4	28,711	1/4	13,741	1/4		1/4		1/4		1/4		1/4	
1/2	72,583	1/2	57,712	1/2	43,198	1/2	28,400	1/2	13,430	1/2		1/2		1/2		1/2		1/2	
3/4	72,273	3/4	57,407	3/4	42,893	3/4	28,088	3/4	13,118	3/4		3/4		3/4		3/4		3/4	
7	71,963	7	57,103	7	42,588	7	27,776	7	12,806	7		7		7		7		7	
1/4	71,653	1/4	56,799	1/4	42,284	1/4	27,464	1/4	12,494	1/4		1/4		1/4		1/4		1/4	
1/2	71,343	1/2	56,496	1/2	41,979	1/2	27,153	1/2	12,182	1/2		1/2		1/2		1/2		1/2	
3/4	71,033	3/4	56,192	3/4	41,675	3/4	26,841	3/4	11,870	3/4		3/4		3/4		3/4		3/4	
8	70,723	8	55,890	8	41,370	8	26,529	8	11,558	8		8		8		8		8	
1/4	70,413	1/4	55,588	1/4	41,066	1/4	26,217	1/4	11,246	1/4		1/4		1/4		1/4		1/4	
1/2	70,104	1/2	55,286	1/2	40,761	1/2	25,906	1/2	10,934	1/2		1/2		1/2		1/2		1/2	
3/4	69,794	3/4	54,984	3/4	40,456	3/4	25,594	3/4	10,621	3/4		3/4		3/4		3/4		3/4	
9	69,484	9	54,682	9	40,152	9	25,282	9	10,309	9		9		9		9		9	
1/4	69,174	1/4	54,380	1/4	39,847	1/4	24,970	1/4	9,997	1/4		1/4		1/4		1/4		1/4	
1/2	68,864	1/2	54,078	1/2	39,543	1/2	24,658	1/2	9,684	1/2		1/2		1/2		1/2		1/2	
3/4	68,554	3/4	53,776	3/4	39,238	3/4	24,346	3/4	9,372	3/4		3/4		3/4		3/4		3/4	
10	68,244	10	53,474	10	38,933	10	24,034	10	9,060	10		10		10		10		10	
1/4	67,934	1/4	53,172	1/4	38,629	1/4	23,722	1/4	8,747	1/4		1/4		1/4		1/4		1/4	
1/2	67,625	1/2	52,870	1/2	38,324	1/2	23,410	1/2	8,435	1/2		1/2		1/2		1/2		1/2	
3/4	67,315	3/4	52,568	3/4	38,020	3/4	23,098	3/4	8,123	3/4		3/4		3/4		3/4		3/4	
11	67,005	11	52,265	11	37,715	11	22,787	11	7,811	11		11		11		11		11	
1/4	66,695	1/4	51,963	1/4	37,411	1/4	22,475	1/4	7,499	1/4		1/4		1/4		1/4		1/4	
1/2	66,385	1/2	51,661	1/2	37,106	1/2	22,163	1/2	7,186	1/2		1/2		1/2		1/2		1/2	
3/4	66,075	3/4	51,359	3/4	36,801	3/4	21,851	3/4	6,874	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/13/2017 SW
CALCULATED: 01/14/2017 CL
PRINTED: 01/16/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2017

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



BARGE "HSM 3009"

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	82,056	0	67,020	0	51,983	0	36,962	0	21,930	0	6,894	0		0		0		0	
1/4	81,742	1/4	66,706	1/4	51,670	1/4	36,650	1/4	21,617	1/4	6,581	1/4		1/4		1/4		1/4	
1/2	81,429	1/2	66,393	1/2	51,357	1/2	36,337	1/2	21,303	1/2	6,268	1/2		1/2		1/2		1/2	
3/4	81,116	3/4	66,080	3/4	51,044	3/4	36,024	3/4	20,990	3/4	5,955	3/4		3/4		3/4		3/4	
1	80,803	1	65,767	1	50,730	1	35,711	1	20,677	1	5,641	1		1		1		1	
1/4	80,489	1/4	65,453	1/4	50,417	1/4	35,398	1/4	20,364	1/4	5,328	1/4		1/4		1/4		1/4	
1/2	80,176	1/2	65,140	1/2	50,104	1/2	35,085	1/2	20,050	1/2	5,015	1/2		1/2		1/2		1/2	
3/4	79,863	3/4	64,827	3/4	49,791	3/4	34,772	3/4	19,737	3/4	4,702	3/4		3/4		3/4		3/4	
2	79,550	2	64,514	2	49,477	2	34,459	2	19,424	2	4,389	2		2		2		2	
1/4	79,236	1/4	64,200	1/4	49,164	1/4	34,146	1/4	19,111	1/4	4,077	1/4		1/4		1/4		1/4	
1/2	78,923	1/2	63,887	1/2	48,851	1/2	33,833	1/2	18,797	1/2	3,765	1/2		1/2		1/2		1/2	
3/4	78,610	3/4	63,574	3/4	48,538	3/4	33,520	3/4	18,484	3/4	3,453	3/4		3/4		3/4		3/4	
3	78,297	3	63,261	3	48,224	3	33,207	3	18,171	3	3,140	3		3		3		3	
1/4	77,983	1/4	62,947	1/4	47,911	1/4	32,893	1/4	17,858	1/4	2,847	1/4		1/4		1/4		1/4	
1/2	77,670	1/2	62,634	1/2	47,598	1/2	32,580	1/2	17,544	1/2	2,555	1/2		1/2		1/2		1/2	
3/4	77,357	3/4	62,321	3/4	47,285	3/4	32,267	3/4	17,231	3/4	2,262	3/4		3/4		3/4		3/4	
4	77,044	4	62,008	4	46,972	4	31,954	4	16,918	4	1,969	4		4		4		4	
1/4	76,730	1/4	61,694	1/4	46,659	1/4	31,640	1/4	16,605	1/4	1,734	1/4		1/4		1/4		1/4	
1/2	76,417	1/2	61,381	1/2	46,346	1/2	31,327	1/2	16,291	1/2	1,499	1/2		1/2		1/2		1/2	
3/4	76,104	3/4	61,068	3/4	46,033	3/4	31,014	3/4	15,978	3/4	1,264	3/4		3/4		3/4		3/4	
5	75,791	5	60,755	5	45,720	5	30,701	5	15,665	5	1,030	5		5		5		5	
1/4	75,477	1/4	60,441	1/4	45,407	1/4	30,387	1/4	15,352	1/4		1/4		1/4		1/4		1/4	
1/2	75,164	1/2	60,128	1/2	45,094	1/2	30,074	1/2	15,039	1/2		1/2		1/2		1/2		1/2	
3/4	74,851	3/4	59,815	3/4	44,781	3/4	29,761	3/4	14,725	3/4		3/4		3/4		3/4		3/4	
6	74,538	6	59,502	6	44,469	6	29,448	6	14,412	6		6		6		6		6	
1/4	74,224	1/4	59,188	1/4	44,156	1/4	29,134	1/4	14,099	1/4		1/4		1/4		1/4		1/4	
1/2	73,911	1/2	58,875	1/2	43,843	1/2	28,821	1/2	13,786	1/2		1/2		1/2		1/2		1/2	
3/4	73,598	3/4	58,562	3/4	43,530	3/4	28,508	3/4	13,472	3/4		3/4		3/4		3/4		3/4	
7	73,285	7	58,249	7	43,218	7	28,195	7	13,159	7		7		7		7		7	
1/4	72,971	1/4	57,935	1/4	42,905	1/4	27,881	1/4	12,846	1/4		1/4		1/4		1/4		1/4	
1/2	72,658	1/2	57,622	1/2	42,592	1/2	27,568	1/2	12,533	1/2		1/2		1/2		1/2		1/2	
3/4	72,345	3/4	57,309	3/4	42,279	3/4	27,255	3/4	12,219	3/4		3/4		3/4		3/4		3/4	
8	72,032	8	56,996	8	41,967	8	26,942	8	11,906	8		8		8		8		8	
1/4	71,718	1/4	56,682	1/4	41,654	1/4	26,628	1/4	11,593	1/4		1/4		1/4		1/4		1/4	
1/2	71,405	1/2	56,369	1/2	41,341	1/2	26,315	1/2	11,280	1/2		1/2		1/2		1/2		1/2	
3/4	71,092	3/4	56,056	3/4	41,028	3/4	26,002	3/4	10,966	3/4		3/4		3/4		3/4		3/4	
9	70,779	9	55,743	9	40,716	9	25,689	9	10,653	9		9		9		9		9	
1/4	70,465	1/4	55,429	1/4	40,403	1/4	25,375	1/4	10,340	1/4		1/4		1/4		1/4		1/4	
1/2	70,152	1/2	55,116	1/2	40,090	1/2	25,062	1/2	10,027	1/2		1/2		1/2		1/2		1/2	
3/4	69,839	3/4	54,803	3/4	39,777	3/4	24,749	3/4	9,713	3/4		3/4		3/4		3/4		3/4	
10	69,526	10	54,490	10	39,465	10	24,436	10	9,400	10		10		10		10		10	
1/4	69,212	1/4	54,176	1/4	39,152	1/4	24,123	1/4	9,087	1/4		1/4		1/4		1/4		1/4	
1/2	68,899	1/2	53,863	1/2	38,839	1/2	23,809	1/2	8,774	1/2		1/2		1/2		1/2		1/2	
3/4	68,586	3/4	53,550	3/4	38,526	3/4	23,496	3/4	8,460	3/4		3/4		3/4		3/4		3/4	
11	68,273	11	53,237	11	38,214	11	23,183	11	8,147	11		11		11		11		11	
1/4	67,959	1/4	52,923	1/4	37,901	1/4	22,870	1/4	7,834	1/4		1/4		1/4		1/4		1/4	
1/2	67,646	1/2	52,610	1/2	37,588	1/2	22,556	1/2	7,521	1/2		1/2		1/2		1/2		1/2	
3/4	67,333	3/4	52,297	3/4	37,275	3/4	22,243	3/4	7,207	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/13/2017 SW
CALCULATED: 01/14/2017 CL
PRINTED: 01/16/2017 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2017

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



BARGE "HSM 3009"

PORT SLOP TANK

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06"

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	4,137	0	2,982	0	1,829	0	674	0		0		0		0	
1/4		1/4		1/4	4,113	1/4	2,958	1/4	1,804	1/4	650	1/4		1/4		1/4		1/4	
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	
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	
1		1	5,140	1	4,041	1	2,886	1	1,732	1	577	1		1		1		1	
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	
1/2		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	
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	
2		2	5,093	2	3,945	2	2,790	2	1,636	2	481	2		2		2		2	
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	
1/2		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	
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		3	4,999	3	3,849	3	2,693	3	1,540	3	385	3		3		3		3	
1/4		1/4	4,975	1/4	3,824	1/4	2,669	1/4	1,516	1/4	361	1/4		1/4		1/4		1/4	
1/2		1/2	4,952	1/2	3,800	1/2	2,645	1/2	1,492	1/2	337	1/2		1/2		1/2		1/2	
3/4		3/4	4,928	3/4	3,776	3/4	2,621	3/4	1,468	3/4	313	3/4		3/4		3/4		3/4	
4		4	4,904	4	3,752	4	2,597	4	1,444	4	289	4		4		4		4	
1/4		1/4	4,881	1/4	3,728	1/4	2,573	1/4	1,419	1/4	265	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	
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	
5		5	4,810	5	3,656	5	2,502	5	1,347	5	192	5		5		5		5	
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	
1/2		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	
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	
6		6	4,715	6	3,560	6	2,406	6	1,251	6	96	6		6		6		6	
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	
1/2		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	
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	
7		7	4,619	7	3,464	7	2,310	7	1,155	7		7		7		7		7	
1/4		1/4	4,594	1/4	3,439	1/4	2,286	1/4	1,131	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		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		3/4		3/4		3/4		3/4	
8		8	4,522	8	3,367	8	2,214	8	1,059	8		8		8		8		8	
1/4		1/4	4,498	1/4	3,343	1/4	2,189	1/4	1,035	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		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		3/4		3/4		3/4		3/4	
9		9	4,426	9	3,271	9	2,117	9	962	9		9		9		9		9	
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	
1/2		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	
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	
10		10	4,330	10	3,175	10	2,021	10	866	10		10		10		10		10	
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	
1/2		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	
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	
11		11	4,234	11	3,078	11	1,925	11	770	11		11		11		11		11	
1/4		1/4	4,209	1/4	3,054	1/4	1,901	1/4	746	1/4		1/4		1/4		1/4		1/4	
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	
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	

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: 01/13/2017 SW
 CALCULATED: 01/14/2017 CL
 PRINTED: 01/16/2017 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "HSM 3009"

STBD SLOP TANK

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 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	4,161	0	3,006	0	1,853	0	698	0		0		0		0	
1/4		1/4		1/4	4,137	1/4	2,982	1/4	1,829	1/4	674	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,113	1/2	2,958	1/2	1,804	1/2	650	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,089	3/4	2,934	3/4	1,780	3/4	626	3/4		3/4		3/4		3/4	
1		1		1	4,065	1	2,910	1	1,756	1	602	1		1		1		1	
1/4		1/4		1/4	5,140	1/4	4,041	1/4	2,886	1/4	1,732	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,128	1/2	4,017	1/2	2,862	1/2	1,708	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,117	3/4	3,993	3/4	2,838	3/4	1,684	3/4		3/4		3/4		3/4	
2		2		2	5,105	2	3,969	2	2,814	2	1,660	2		2		2		2	
1/4		1/4		1/4	5,093	1/4	3,945	1/4	2,790	1/4	1,636	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,070	1/2	3,921	1/2	2,766	1/2	1,612	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,046	3/4	3,897	3/4	2,742	3/4	1,588	3/4		3/4		3/4		3/4	
3		3		3	5,023	3	3,873	3	2,718	3	1,564	3		3		3		3	
1/4		1/4		1/4	4,999	1/4	3,849	1/4	2,693	1/4	1,540	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,975	1/2	3,824	1/2	2,669	1/2	1,516	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,952	3/4	3,800	3/4	2,645	3/4	1,492	3/4		3/4		3/4		3/4	
4		4		4	4,928	4	3,776	4	2,621	4	1,468	4		4		4		4	
1/4		1/4		1/4	4,904	1/4	3,752	1/4	2,597	1/4	1,444	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,881	1/2	3,728	1/2	2,573	1/2	1,419	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,857	3/4	3,704	3/4	2,550	3/4	1,395	3/4		3/4		3/4		3/4	
5		5		5	4,833	5	3,680	5	2,526	5	1,371	5		5		5		5	
1/4		1/4		1/4	4,810	1/4	3,656	1/4	2,502	1/4	1,347	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,786	1/2	3,632	1/2	2,478	1/2	1,323	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,762	3/4	3,608	3/4	2,454	3/4	1,299	3/4		3/4		3/4		3/4	
6		6		6	4,739	6	3,584	6	2,430	6	1,275	6		6		6		6	
1/4		1/4		1/4	4,715	1/4	3,560	1/4	2,406	1/4	1,251	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,691	1/2	3,536	1/2	2,382	1/2	1,227	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,667	3/4	3,512	3/4	2,358	3/4	1,203	3/4		3/4		3/4		3/4	
7		7		7	4,643	7	3,488	7	2,334	7	1,179	7		7		7		7	
1/4		1/4		1/4	4,619	1/4	3,464	1/4	2,310	1/4	1,155	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,594	1/2	3,439	1/2	2,286	1/2	1,131	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,570	3/4	3,415	3/4	2,262	3/4	1,107	3/4		3/4		3/4		3/4	
8		8		8	4,546	8	3,391	8	2,238	8	1,083	8		8		8		8	
1/4		1/4		1/4	4,522	1/4	3,367	1/4	2,214	1/4	1,059	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,498	1/2	3,343	1/2	2,189	1/2	1,035	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,474	3/4	3,319	3/4	2,165	3/4	1,011	3/4		3/4		3/4		3/4	
9		9		9	4,450	9	3,295	9	2,141	9	987	9		9		9		9	
1/4		1/4		1/4	4,426	1/4	3,271	1/4	2,117	1/4	962	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,402	1/2	3,247	1/2	2,093	1/2	938	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,378	3/4	3,223	3/4	2,069	3/4	914	3/4		3/4		3/4		3/4	
10		10		10	4,354	10	3,199	10	2,045	10	890	10		10		10		10	
1/4		1/4		1/4	4,330	1/4	3,175	1/4	2,021	1/4	866	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,306	1/2	3,151	1/2	1,997	1/2	842	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,282	3/4	3,127	3/4	1,973	3/4	818	3/4		3/4		3/4		3/4	
11		11		11	4,258	11	3,103	11	1,949	11	794	11		11		11		11	
1/4		1/4		1/4	4,234	1/4	3,078	1/4	1,925	1/4	770	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,209	1/2	3,054	1/2	1,901	1/2	746	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,185	3/4	3,030	3/4	1,877	3/4	722	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: 01/13/2017 SW
 CALCULATED: 01/14/2017 CL
 PRINTED: 01/16/2017 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2017

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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