



BARGE "HSM 3010"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"
 AFT DRAFT = 5'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

February 14, 2017

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3010"

STBD SLOP TANK INNAGE 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	96	0	1,251	0	2,406	0	3,560	0	4,715	0		0		0		0		0	
1/4	120	1/4	1,275	1/4	2,430	1/4	3,584	1/4	4,739	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	144	1/2	1,299	1/2	2,454	1/2	3,608	1/2	4,762	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	168	3/4	1,323	3/4	2,478	3/4	3,632	3/4	4,786	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
1	193	1	1,347	1	2,502	1	3,656	1	4,810	1		1		1	1	1	1	1	1
1/4	217	1/4	1,371	1/4	2,526	1/4	3,680	1/4	4,833	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	241	1/2	1,395	1/2	2,550	1/2	3,704	1/2	4,857	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	265	3/4	1,419	3/4	2,574	3/4	3,728	3/4	4,881	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
2	289	2	1,444	2	2,597	2	3,752	2	4,904	2		2		2	2	2	2	2	2
1/4	313	1/4	1,468	1/4	2,622	1/4	3,776	1/4	4,928	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	337	1/2	1,492	1/2	2,646	1/2	3,800	1/2	4,952	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	361	3/4	1,516	3/4	2,670	3/4	3,825	3/4	4,975	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
3	385	3	1,540	3	2,694	3	3,849	3	4,999	3		3		3	3	3	3	3	3
1/4	409	1/4	1,564	1/4	2,718	1/4	3,873	1/4	5,023	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	433	1/2	1,588	1/2	2,742	1/2	3,897	1/2	5,046	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	457	3/4	1,612	3/4	2,766	3/4	3,921	3/4	5,070	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	481	4	1,636	4	2,790	4	3,945	4	5,093	4		4		4	4	4	4	4	4
1/4	505	1/4	1,660	1/4	2,814	1/4	3,969	1/4	5,105	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	529	1/2	1,684	1/2	2,838	1/2	3,993	1/2	5,117	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	553	3/4	1,708	3/4	2,862	3/4	4,017	3/4	5,128	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	578	5	1,732	5	2,886	5	4,041	5	5,140	5		5		5	5	5	5	5	5
1/4	602	1/4	1,756	1/4	2,910	1/4	4,065	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	626	1/2	1,780	1/2	2,934	1/2	4,089	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	650	3/4	1,805	3/4	2,958	3/4	4,113	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	674	6	1,829	6	2,982	6	4,137	6		6		6		6	6	6	6	6	6
1/4	698	1/4	1,853	1/4	3,006	1/4	4,161	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	722	1/2	1,877	1/2	3,030	1/2	4,185	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	746	3/4	1,901	3/4	3,054	3/4	4,210	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	770	7	1,925	7	3,079	7	4,234	7		7		7		7	7	7	7	7	7
1/4	794	1/4	1,949	1/4	3,103	1/4	4,258	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	818	1/2	1,973	1/2	3,127	1/2	4,282	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	842	3/4	1,997	3/4	3,151	3/4	4,306	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	866	8	2,021	8	3,175	8	4,330	8		8		8		8	8	8	8	8	8
1/4	890	1/4	2,045	1/4	3,199	1/4	4,354	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	914	1/2	2,069	1/2	3,223	1/2	4,378	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	938	3/4	2,093	3/4	3,247	3/4	4,402	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	963	9	2,117	9	3,271	9	4,426	9		9		9		9	9	9	9	9	9
1/4	987	1/4	2,141	1/4	3,295	1/4	4,450	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,011	1/2	2,165	1/2	3,319	1/2	4,474	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,035	3/4	2,190	3/4	3,343	3/4	4,498	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,059	10	2,214	10	3,367	10	4,522	10		10		10		10	10	10	10	10	10
1/4	1,083	1/4	2,238	1/4	3,391	1/4	4,546	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,107	1/2	2,262	1/2	3,415	1/2	4,570	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,131	3/4	2,286	3/4	3,440	3/4	4,595	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,155	11	2,310	11	3,464	11	4,619	11		11		11		11	11	11	11	11	11
1/4	1,179	1/4	2,334	1/4	3,488	1/4	4,643	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,203	1/2	2,358	1/2	3,512	1/2	4,667	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,227	3/4	2,382	3/4	3,536	3/4	4,691	3/4		3/4		3/4		3/4	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: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

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

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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

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BARGE "HSM 3010"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 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	99	0	254	0	406	0		0		0		0		0		0	
1/4	1	1/4	102	1/4	257	1/4	409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	105	1/2	260	1/2	411	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	108	3/4	264	3/4	414	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	111	1	267	1	417	1		1		1		1		1		1	
1/4	4	1/4	114	1/4	270	1/4	420	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	117	1/2	274	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	120	3/4	277	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	123	2	280	2	428	2		2		2		2		2		2	
1/4	9	1/4	126	1/4	284	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	130	1/2	287	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	133	3/4	290	3/4	435	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	136	3	294	3	438	3		3		3		3		3		3	
1/4	15	1/4	139	1/4	297	1/4	441	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	142	1/2	300	1/2	443	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	145	3/4	303	3/4	445	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	148	4	307	4	448	4		4		4		4		4		4	
1/4	22	1/4	152	1/4	310	1/4	450	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	155	1/2	313	1/2	452	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	158	3/4	317	3/4	455	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	161	5	320	5	457	5		5		5		5		5		5	
1/4	30	1/4	164	1/4	323	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	168	1/2	326	1/2	461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	171	3/4	330	3/4	464	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	174	6	333	6	466	6		6		6		6		6		6	
1/4	39	1/4	177	1/4	336	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	181	1/2	339	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	184	3/4	342	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	187	7	346	7	474	7		7		7		7		7		7	
1/4	48	1/4	190	1/4	349	1/4	475	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	194	1/2	352	1/2	477	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	197	3/4	355	3/4	479	3/4		3/4		3/4		3/4		3/4		3/4	
8	56	8	200	8	358	8	481	8		8		8		8		8		8	
1/4	58	1/4	204	1/4	361	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	207	1/2	364	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	210	3/4	367	3/4	485	3/4		3/4		3/4		3/4		3/4		3/4	
9	66	9	214	9	370	9	487	9		9		9		9		9		9	
1/4	69	1/4	217	1/4	373	1/4	488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	220	1/2	376	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	224	3/4	380	3/4	490	3/4		3/4		3/4		3/4		3/4		3/4	
10	77	10	227	10	383	10	491	10		10		10		10		10		10	
1/4	80	1/4	230	1/4	386	1/4	492	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	82	1/2	234	1/2	388	1/2	493	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85	3/4	237	3/4	391	3/4	493	3/4		3/4		3/4		3/4		3/4		3/4	
11	88	11	240	11	394	11	494	11		11		11		11		11		11	
1/4	91	1/4	244	1/4	397	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	247	1/2	400	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97	3/4	250	3/4	403	3/4		3/4		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: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3010"

3 STBD INNAGE 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	1,028	0	15,643	0	30,657	0	45,655	0	60,668	0	75,683	0	90,698	0	105,712	0	120,710	0	135,705
1/4	1,263	1/4	15,956	1/4	30,970	1/4	45,968	1/4	60,981	1/4	75,996	1/4	91,011	1/4	106,025	1/4	121,023	1/4	136,017
1/2	1,497	1/2	16,269	1/2	31,283	1/2	46,280	1/2	61,294	1/2	76,309	1/2	91,323	1/2	106,338	1/2	121,335	1/2	136,330
3/4	1,732	3/4	16,581	3/4	31,596	3/4	46,593	3/4	61,607	3/4	76,622	3/4	91,636	3/4	106,651	3/4	121,648	3/4	136,642
1	1,966	1	16,894	1	31,908	1	46,906	1	61,920	1	76,934	1	91,949	1	106,964	1	121,960	1	136,955
1/4	2,259	1/4	17,207	1/4	32,221	1/4	47,218	1/4	62,232	1/4	77,247	1/4	92,262	1/4	107,276	1/4	122,272	1/4	137,267
1/2	2,551	1/2	17,520	1/2	32,534	1/2	47,531	1/2	62,545	1/2	77,560	1/2	92,575	1/2	107,589	1/2	122,585	1/2	137,579
3/4	2,844	3/4	17,833	3/4	32,847	3/4	47,844	3/4	62,858	3/4	77,873	3/4	92,887	3/4	107,902	3/4	122,897	3/4	137,892
2	3,136	2	18,145	2	33,160	2	48,156	2	63,171	2	78,186	2	93,200	2	108,214	2	123,210	2	138,204
1/4	3,448	1/4	18,458	1/4	33,472	1/4	48,469	1/4	63,484	1/4	78,498	1/4	93,513	1/4	108,527	1/4	123,522	1/4	138,517
1/2	3,760	1/2	18,771	1/2	33,785	1/2	48,782	1/2	63,797	1/2	78,811	1/2	93,826	1/2	108,839	1/2	123,834	1/2	138,829
3/4	4,072	3/4	19,084	3/4	34,098	3/4	49,095	3/4	64,109	3/4	79,124	3/4	94,139	3/4	109,152	3/4	124,147	3/4	139,141
3	4,384	3	19,397	3	34,411	3	49,407	3	64,422	3	79,437	3	94,451	3	109,464	3	124,459	3	139,454
1/4	4,696	1/4	19,709	1/4	34,723	1/4	49,720	1/4	64,735	1/4	79,750	1/4	94,764	1/4	109,777	1/4	124,771	1/4	139,766
1/2	5,009	1/2	20,022	1/2	35,036	1/2	50,033	1/2	65,048	1/2	80,062	1/2	95,077	1/2	110,089	1/2	125,084	1/2	140,079
3/4	5,321	3/4	20,335	3/4	35,348	3/4	50,346	3/4	65,361	3/4	80,375	3/4	95,390	3/4	110,402	3/4	125,396	3/4	140,391
4	5,634	4	20,648	4	35,661	4	50,659	4	65,673	4	80,688	4	95,703	4	110,714	4	125,709	4	140,703
1/4	5,946	1/4	20,961	1/4	35,973	1/4	50,971	1/4	65,986	1/4	81,001	1/4	96,015	1/4	111,026	1/4	126,021	1/4	141,016
1/2	6,259	1/2	21,273	1/2	36,286	1/2	51,284	1/2	66,299	1/2	81,314	1/2	96,328	1/2	111,339	1/2	126,333	1/2	141,328
3/4	6,572	3/4	21,586	3/4	36,598	3/4	51,597	3/4	66,612	3/4	81,626	3/4	96,641	3/4	111,651	3/4	126,646	3/4	141,640
5	6,885	5	21,899	5	36,910	5	51,910	5	66,925	5	81,939	5	96,954	5	111,964	5	126,958	5	141,953
1/4	7,198	1/4	22,212	1/4	37,223	1/4	52,223	1/4	67,237	1/4	82,252	1/4	97,267	1/4	112,276	1/4	127,271	1/4	142,265
1/2	7,510	1/2	22,525	1/2	37,535	1/2	52,536	1/2	67,550	1/2	82,565	1/2	97,579	1/2	112,588	1/2	127,583	1/2	142,577
3/4	7,823	3/4	22,837	3/4	37,847	3/4	52,848	3/4	67,863	3/4	82,878	3/4	97,892	3/4	112,901	3/4	127,895	3/4	142,889
6	8,136	6	23,150	6	38,160	6	53,161	6	68,176	6	83,190	6	98,205	6	113,213	6	128,208	6	143,201
1/4	8,449	1/4	23,463	1/4	38,472	1/4	53,474	1/4	68,489	1/4	83,503	1/4	98,518	1/4	113,526	1/4	128,520	1/4	143,509
1/2	8,762	1/2	23,776	1/2	38,784	1/2	53,787	1/2	68,801	1/2	83,816	1/2	98,831	1/2	113,838	1/2	128,833	1/2	143,816
3/4	9,074	3/4	24,089	3/4	39,096	3/4	54,100	3/4	69,114	3/4	84,129	3/4	99,143	3/4	114,150	3/4	129,145	3/4	144,124
7	9,387	7	24,401	7	39,409	7	54,412	7	69,427	7	84,442	7	99,456	7	114,463	7	129,457	7	144,432
1/4	9,700	1/4	24,714	1/4	39,721	1/4	54,725	1/4	69,740	1/4	84,754	1/4	99,769	1/4	114,775	1/4	129,770	1/4	144,727
1/2	10,013	1/2	25,027	1/2	40,033	1/2	55,038	1/2	70,053	1/2	85,067	1/2	100,082	1/2	115,087	1/2	130,082	1/2	145,022
3/4	10,326	3/4	25,340	3/4	40,346	3/4	55,351	3/4	70,365	3/4	85,380	3/4	100,395	3/4	115,400	3/4	130,394	3/4	145,317
8	10,638	8	25,653	8	40,658	8	55,664	8	70,678	8	85,693	8	100,708	8	115,712	8	130,707	8	145,613
1/4	10,951	1/4	25,965	1/4	40,970	1/4	55,976	1/4	70,991	1/4	86,006	1/4	101,020	1/4	116,025	1/4	131,019	1/4	145,892
1/2	11,264	1/2	26,278	1/2	41,283	1/2	56,289	1/2	71,304	1/2	86,318	1/2	101,333	1/2	116,337	1/2	131,332	1/2	146,171
3/4	11,577	3/4	26,591	3/4	41,595	3/4	56,602	3/4	71,617	3/4	86,631	3/4	101,646	3/4	116,649	3/4	131,644	3/4	146,450
9	11,890	9	26,904	9	41,907	9	56,915	9	71,929	9	86,944	9	101,959	9	116,962	9	131,956	9	146,729
1/4	12,202	1/4	27,217	1/4	42,220	1/4	57,228	1/4	72,242	1/4	87,257	1/4	102,272	1/4	117,274	1/4	132,269	1/4	146,993
1/2	12,515	1/2	27,529	1/2	42,532	1/2	57,540	1/2	72,555	1/2	87,570	1/2	102,584	1/2	117,587	1/2	132,581	1/2	147,256
3/4	12,828	3/4	27,842	3/4	42,844	3/4	57,853	3/4	72,868	3/4	87,883	3/4	102,897	3/4	117,899	3/4	132,894	3/4	147,519
10	13,141	10	28,155	10	43,156	10	58,166	10	73,181	10	88,195	10	103,210	10	118,211	10	133,206	10	147,782
1/4	13,454	1/4	28,468	1/4	43,469	1/4	58,479	1/4	73,493	1/4	88,508	1/4	103,523	1/4	118,524	1/4	133,518	1/4	148,030
1/2	13,766	1/2	28,781	1/2	43,781	1/2	58,792	1/2	73,806	1/2	88,821	1/2	103,836	1/2	118,836	1/2	133,831	1/2	148,277
3/4	14,079	3/4	29,093	3/4	44,093	3/4	59,104	3/4	74,119	3/4	89,134	3/4	104,148	3/4	119,148	3/4	134,143	3/4	148,524
11	14,392	11	29,406	11	44,406	11	59,417	11	74,432	11	89,447	11	104,461	11	119,461	11	134,456	11	148,771
1/4	14,705	1/4	29,719	1/4	44,718	1/4	59,730	1/4	74,745	1/4	89,759	1/4	104,774	1/4	119,773	1/4	134,768	1/4	149,002
1/2	15,017	1/2	30,032	1/2	45,031	1/2	60,043	1/2	75,057	1/2	90,072	1/2	105,087	1/2	120,086	1/2	135,080	1/2	149,234
3/4	15,330	3/4	30,344	3/4	45,343	3/4	60,356	3/4	75,370	3/4	90,385	3/4	105,400	3/4	120,398	3/4	135,393	3/4	149,465

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "HSM 3010"

3 STBD INNAGE 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	149,696	0	160,076	0	170,434	0	180,763	0	191,078	0		0		0		0		0	
1/4	149,915	1/4	160,292	1/4	170,649	1/4	180,979	1/4	191,271	1/4		1/4		1/4		1/4		1/4	
1/2	150,135	1/2	160,508	1/2	170,865	1/2	181,194	1/2	191,464	1/2		1/2		1/2		1/2		1/2	
3/4	150,354	3/4	160,724	3/4	171,080	3/4	181,409	3/4	191,657	3/4		3/4		3/4		3/4		3/4	
1	150,574	1	160,940	1	171,295	1	181,624	1	191,850	1		1		1		1		1	
1/4	150,790	1/4	161,156	1/4	171,510	1/4	181,839	1/4	192,010	1/4		1/4		1/4		1/4		1/4	
1/2	151,006	1/2	161,372	1/2	171,725	1/2	182,055	1/2	192,170	1/2		1/2		1/2		1/2		1/2	
3/4	151,222	3/4	161,588	3/4	171,941	3/4	182,270	3/4	192,329	3/4		3/4		3/4		3/4		3/4	
2	151,438	2	161,804	2	172,156	2	182,485	2	192,489	2		2		2		2		2	
1/4	151,654	1/4	162,019	1/4	172,371	1/4	182,700	1/4	192,613	1/4		1/4		1/4		1/4		1/4	
1/2	151,870	1/2	162,235	1/2	172,586	1/2	182,915	1/2	192,736	1/2		1/2		1/2		1/2		1/2	
3/4	152,086	3/4	162,451	3/4	172,801	3/4	183,131	3/4	192,860	3/4		3/4		3/4		3/4		3/4	
3	152,302	3	162,667	3	173,016	3	183,346	3	192,983	3		3		3		3		3	
1/4	152,517	1/4	162,883	1/4	173,232	1/4	183,561	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,733	1/2	163,099	1/2	173,447	1/2	183,776	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,949	3/4	163,315	3/4	173,662	3/4	183,991	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,165	4	163,531	4	173,877	4	184,207	4		4		4		4		4		4	
1/4	153,381	1/4	163,747	1/4	174,092	1/4	184,422	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,597	1/2	163,963	1/2	174,308	1/2	184,637	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,813	3/4	164,179	3/4	174,523	3/4	184,852	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,029	5	164,395	5	174,738	5	185,067	5		5		5		5		5		5	
1/4	154,245	1/4	164,611	1/4	174,953	1/4	185,283	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,461	1/2	164,827	1/2	175,168	1/2	185,498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,677	3/4	165,043	3/4	175,384	3/4	185,713	3/4		3/4		3/4		3/4		3/4		3/4	
6	154,893	6	165,259	6	175,599	6	185,928	6		6		6		6		6		6	
1/4	155,109	1/4	165,475	1/4	175,814	1/4	186,143	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,325	1/2	165,691	1/2	176,029	1/2	186,359	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,541	3/4	165,907	3/4	176,244	3/4	186,574	3/4		3/4		3/4		3/4		3/4		3/4	
7	155,757	7	166,123	7	176,460	7	186,789	7		7		7		7		7		7	
1/4	155,973	1/4	166,339	1/4	176,675	1/4	187,004	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,189	1/2	166,555	1/2	176,890	1/2	187,219	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,405	3/4	166,771	3/4	177,105	3/4	187,435	3/4		3/4		3/4		3/4		3/4		3/4	
8	156,621	8	166,986	8	177,320	8	187,650	8		8		8		8		8		8	
1/4	156,837	1/4	167,202	1/4	177,536	1/4	187,865	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,053	1/2	167,418	1/2	177,751	1/2	188,081	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,268	3/4	167,634	3/4	177,966	3/4	188,296	3/4		3/4		3/4		3/4		3/4		3/4	
9	157,484	9	167,850	9	178,181	9	188,511	9		9		9		9		9		9	
1/4	157,700	1/4	168,066	1/4	178,396	1/4	188,726	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,916	1/2	168,281	1/2	178,612	1/2	188,942	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,132	3/4	168,497	3/4	178,827	3/4	189,157	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,348	10	168,713	10	179,042	10	189,372	10		10		10		10		10		10	
1/4	158,564	1/4	168,928	1/4	179,257	1/4	189,587	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,780	1/2	169,143	1/2	179,472	1/2	189,802	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,996	3/4	169,358	3/4	179,688	3/4	190,017	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,212	11	169,573	11	179,903	11	190,232	11		11		11		11		11		11	
1/4	159,428	1/4	169,789	1/4	180,118	1/4	190,444	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,644	1/2	170,004	1/2	180,333	1/2	190,655	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,860	3/4	170,219	3/4	180,548	3/4	190,867	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3010"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 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	1,027	0	15,621	0	30,599	0	45,347	0	59,893	0	74,792	0	89,747	0	104,713	0	119,670	0	134,623
1/4	1,262	1/4	15,933	1/4	30,911	1/4	45,649	1/4	60,205	1/4	75,102	1/4	90,058	1/4	105,025	1/4	119,981	1/4	134,935
1/2	1,496	1/2	16,245	1/2	31,223	1/2	45,950	1/2	60,517	1/2	75,412	1/2	90,370	1/2	105,337	1/2	120,293	1/2	135,246
3/4	1,730	3/4	16,557	3/4	31,535	3/4	46,252	3/4	60,828	3/4	75,722	3/4	90,682	3/4	105,649	3/4	120,605	3/4	135,558
1	1,965	1	16,870	1	31,847	1	46,553	1	61,140	1	76,032	1	90,993	1	105,961	1	120,916	1	135,869
1/4	2,257	1/4	17,182	1/4	32,159	1/4	46,855	1/4	61,452	1/4	76,342	1/4	91,305	1/4	106,273	1/4	121,228	1/4	136,181
1/2	2,549	1/2	17,494	1/2	32,471	1/2	47,157	1/2	61,763	1/2	76,652	1/2	91,617	1/2	106,585	1/2	121,539	1/2	136,492
3/4	2,842	3/4	17,806	3/4	32,783	3/4	47,459	3/4	62,075	3/4	76,962	3/4	91,928	3/4	106,896	3/4	121,851	3/4	136,804
2	3,134	2	18,118	2	33,095	2	47,760	2	62,387	2	77,272	2	92,240	2	107,208	2	122,162	2	137,115
1/4	3,445	1/4	18,430	1/4	33,407	1/4	48,063	1/4	62,698	1/4	77,583	1/4	92,552	1/4	107,520	1/4	122,474	1/4	137,427
1/2	3,757	1/2	18,742	1/2	33,719	1/2	48,365	1/2	63,009	1/2	77,894	1/2	92,864	1/2	107,832	1/2	122,785	1/2	137,738
3/4	4,069	3/4	19,054	3/4	34,031	3/4	48,667	3/4	63,320	3/4	78,205	3/4	93,175	3/4	108,143	3/4	123,097	3/4	138,050
3	4,380	3	19,366	3	34,343	3	48,969	3	63,630	3	78,516	3	93,487	3	108,455	3	123,408	3	138,362
1/4	4,692	1/4	19,678	1/4	34,655	1/4	49,271	1/4	63,940	1/4	78,828	1/4	93,799	1/4	108,766	1/4	123,720	1/4	138,673
1/2	5,005	1/2	19,990	1/2	34,966	1/2	49,574	1/2	64,250	1/2	79,140	1/2	94,110	1/2	109,078	1/2	124,031	1/2	138,985
3/4	5,317	3/4	20,302	3/4	35,278	3/4	49,876	3/4	64,561	3/4	79,452	3/4	94,422	3/4	109,390	3/4	124,343	3/4	139,296
4	5,629	4	20,614	4	35,590	4	50,178	4	64,871	4	79,764	4	94,734	4	109,701	4	124,654	4	139,608
1/4	5,941	1/4	20,926	1/4	35,897	1/4	50,480	1/4	65,181	1/4	80,076	1/4	95,045	1/4	110,013	1/4	124,966	1/4	139,919
1/2	6,254	1/2	21,239	1/2	36,205	1/2	50,783	1/2	65,491	1/2	80,388	1/2	95,357	1/2	110,324	1/2	125,277	1/2	140,231
3/4	6,566	3/4	21,551	3/4	36,513	3/4	51,085	3/4	65,801	3/4	80,700	3/4	95,669	3/4	110,636	3/4	125,589	3/4	140,542
5	6,878	5	21,863	5	36,821	5	51,387	5	66,111	5	81,012	5	95,980	5	110,947	5	125,900	5	140,853
1/4	7,190	1/4	22,175	1/4	37,126	1/4	51,689	1/4	66,421	1/4	81,324	1/4	96,292	1/4	111,259	1/4	126,212	1/4	141,165
1/2	7,503	1/2	22,487	1/2	37,431	1/2	51,991	1/2	66,731	1/2	81,636	1/2	96,604	1/2	111,570	1/2	126,524	1/2	141,476
3/4	7,815	3/4	22,799	3/4	37,735	3/4	52,294	3/4	67,041	3/4	81,948	3/4	96,916	3/4	111,882	3/4	126,835	3/4	141,787
6	8,127	6	23,111	6	38,040	6	52,596	6	67,351	6	82,260	6	97,227	6	112,193	6	127,147	6	142,098
1/4	8,440	1/4	23,423	1/4	38,345	1/4	52,898	1/4	67,661	1/4	82,572	1/4	97,539	1/4	112,505	1/4	127,458	1/4	142,405
1/2	8,752	1/2	23,735	1/2	38,650	1/2	53,200	1/2	67,971	1/2	82,884	1/2	97,851	1/2	112,816	1/2	127,770	1/2	142,712
3/4	9,065	3/4	24,047	3/4	38,954	3/4	53,502	3/4	68,281	3/4	83,196	3/4	98,163	3/4	113,128	3/4	128,081	3/4	143,019
7	9,377	7	24,359	7	39,259	7	53,805	7	68,591	7	83,508	7	98,474	7	113,439	7	128,393	7	143,326
1/4	9,690	1/4	24,671	1/4	39,564	1/4	54,107	1/4	68,901	1/4	83,820	1/4	98,786	1/4	113,751	1/4	128,704	1/4	143,620
1/2	10,002	1/2	24,983	1/2	39,869	1/2	54,409	1/2	69,211	1/2	84,132	1/2	99,098	1/2	114,062	1/2	129,016	1/2	143,914
3/4	10,315	3/4	25,295	3/4	40,173	3/4	54,711	3/4	69,521	3/4	84,444	3/4	99,410	3/4	114,374	3/4	129,327	3/4	144,209
8	10,627	8	25,607	8	40,478	8	55,013	8	69,831	8	84,756	8	99,722	8	114,686	8	129,639	8	144,503
1/4	10,940	1/4	25,919	1/4	40,783	1/4	55,316	1/4	70,141	1/4	85,068	1/4	100,034	1/4	114,997	1/4	129,950	1/4	144,782
1/2	11,252	1/2	26,231	1/2	41,088	1/2	55,618	1/2	70,451	1/2	85,380	1/2	100,346	1/2	115,309	1/2	130,262	1/2	145,060
3/4	11,564	3/4	26,543	3/4	41,392	3/4	55,920	3/4	70,761	3/4	85,692	3/4	100,658	3/4	115,620	3/4	130,573	3/4	145,338
9	11,876	9	26,856	9	41,697	9	56,222	9	71,071	9	86,004	9	100,970	9	115,932	9	130,885	9	145,617
1/4	12,189	1/4	27,167	1/4	42,002	1/4	56,526	1/4	71,381	1/4	86,316	1/4	101,282	1/4	116,243	1/4	131,196	1/4	145,880
1/2	12,501	1/2	27,479	1/2	42,307	1/2	56,830	1/2	71,691	1/2	86,628	1/2	101,594	1/2	116,555	1/2	131,508	1/2	146,142
3/4	12,813	3/4	27,791	3/4	42,611	3/4	57,134	3/4	72,002	3/4	86,940	3/4	101,906	3/4	116,866	3/4	131,819	3/4	146,405
10	13,125	10	28,103	10	42,916	10	57,438	10	72,312	10	87,252	10	102,218	10	117,178	10	132,131	10	146,668
1/4	13,437	1/4	28,415	1/4	43,221	1/4	57,743	1/4	72,622	1/4	87,564	1/4	102,530	1/4	117,489	1/4	132,443	1/4	146,915
1/2	13,749	1/2	28,727	1/2	43,526	1/2	58,048	1/2	72,932	1/2	87,876	1/2	102,842	1/2	117,801	1/2	132,754	1/2	147,162
3/4	14,061	3/4	29,039	3/4	43,830	3/4	58,354	3/4	73,242	3/4	88,188	3/4	103,154	3/4	118,112	3/4	133,066	3/4	147,409
11	14,373	11	29,351	11	44,135	11	58,659	11	73,552	11	88,500	11	103,466	11	118,424	11	133,377	11	147,656
1/4	14,685	1/4	29,663	1/4	44,438	1/4	58,968	1/4	73,862	1/4	88,812	1/4	103,777	1/4	118,735	1/4	133,689	1/4	147,887
1/2	14,997	1/2	29,975	1/2	44,741	1/2	59,276	1/2	74,172	1/2	89,123	1/2	104,089	1/2	119,047	1/2	134,000	1/2	148,118
3/4	15,309	3/4	30,287	3/4	45,044	3/4	59,585	3/4	74,482	3/4	89,435	3/4	104,401	3/4	119,358	3/4	134,312	3/4	148,348

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "HSM 3010"

3 PORT INNAGE 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	148,579	0	158,953	0	169,306	0	179,629	0	189,938	0		0		0		0		0	
1/4	148,799	1/4	159,169	1/4	169,521	1/4	179,844	1/4	190,131	1/4		1/4		1/4		1/4		1/4	
1/2	149,018	1/2	159,385	1/2	169,736	1/2	180,059	1/2	190,324	1/2		1/2		1/2		1/2		1/2	
3/4	149,237	3/4	159,601	3/4	169,951	3/4	180,274	3/4	190,517	3/4		3/4		3/4		3/4		3/4	
1	149,457	1	159,817	1	170,166	1	180,489	1	190,710	1		1		1		1		1	
1/4	149,673	1/4	160,032	1/4	170,381	1/4	180,704	1/4	190,869	1/4		1/4		1/4		1/4		1/4	
1/2	149,888	1/2	160,248	1/2	170,596	1/2	180,920	1/2	191,029	1/2		1/2		1/2		1/2		1/2	
3/4	150,104	3/4	160,464	3/4	170,811	3/4	181,135	3/4	191,188	3/4		3/4		3/4		3/4		3/4	
2	150,320	2	160,680	2	171,026	2	181,350	2	191,348	2		2		2		2		2	
1/4	150,536	1/4	160,896	1/4	171,241	1/4	181,565	1/4	191,471	1/4		1/4		1/4		1/4		1/4	
1/2	150,752	1/2	161,112	1/2	171,456	1/2	181,780	1/2	191,595	1/2		1/2		1/2		1/2		1/2	
3/4	150,968	3/4	161,327	3/4	171,671	3/4	181,995	3/4	191,718	3/4		3/4		3/4		3/4		3/4	
3	151,183	3	161,543	3	171,887	3	182,210	3	191,842	3		3		3		3		3	
1/4	151,399	1/4	161,759	1/4	172,102	1/4	182,425	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,615	1/2	161,975	1/2	172,317	1/2	182,640	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	151,831	3/4	162,191	3/4	172,532	3/4	182,855	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,047	4	162,407	4	172,747	4	183,070	4		4		4		4		4		4	
1/4	152,263	1/4	162,622	1/4	172,962	1/4	183,285	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,478	1/2	162,838	1/2	173,177	1/2	183,500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,694	3/4	163,054	3/4	173,392	3/4	183,716	3/4		3/4		3/4		3/4		3/4		3/4	
5	152,910	5	163,270	5	173,607	5	183,931	5		5		5		5		5		5	
1/4	153,126	1/4	163,486	1/4	173,822	1/4	184,146	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,342	1/2	163,702	1/2	174,037	1/2	184,361	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,558	3/4	163,917	3/4	174,252	3/4	184,576	3/4		3/4		3/4		3/4		3/4		3/4	
6	153,773	6	164,133	6	174,467	6	184,791	6		6		6		6		6		6	
1/4	153,989	1/4	164,349	1/4	174,682	1/4	185,006	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,205	1/2	164,565	1/2	174,898	1/2	185,221	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,421	3/4	164,781	3/4	175,113	3/4	185,436	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,637	7	164,997	7	175,328	7	185,651	7		7		7		7		7		7	
1/4	154,853	1/4	165,212	1/4	175,543	1/4	185,866	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,068	1/2	165,428	1/2	175,758	1/2	186,081	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,284	3/4	165,644	3/4	175,973	3/4	186,297	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,500	8	165,860	8	176,188	8	186,512	8		8		8		8		8		8	
1/4	155,716	1/4	166,076	1/4	176,403	1/4	186,727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,932	1/2	166,292	1/2	176,618	1/2	186,942	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,148	3/4	166,507	3/4	176,833	3/4	187,157	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,363	9	166,723	9	177,048	9	187,372	9		9		9		9		9		9	
1/4	156,579	1/4	166,939	1/4	177,263	1/4	187,588	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,795	1/2	167,154	1/2	177,478	1/2	187,803	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,011	3/4	167,370	3/4	177,693	3/4	188,018	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,227	10	167,585	10	177,909	10	188,233	10		10		10		10		10		10	
1/4	157,443	1/4	167,800	1/4	178,124	1/4	188,448	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,658	1/2	168,015	1/2	178,339	1/2	188,663	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,874	3/4	168,230	3/4	178,554	3/4	188,877	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,090	11	168,445	11	178,769	11	189,092	11		11		11		11		11		11	
1/4	158,306	1/4	168,660	1/4	178,984	1/4	189,304	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,522	1/2	168,876	1/2	179,199	1/2	189,515	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,737	3/4	169,091	3/4	179,414	3/4	189,727	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

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



BARGE "HSM 3010"

2 STBD INNAGE 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	1,032	0	15,708	0	30,782	0	45,838	0	60,899	0	75,976	0	91,052	0	106,129	0	121,200	0	136,268
1/4	1,268	1/4	16,022	1/4	31,096	1/4	46,151	1/4	61,213	1/4	76,290	1/4	91,366	1/4	106,443	1/4	121,513	1/4	136,582
1/2	1,504	1/2	16,336	1/2	31,410	1/2	46,464	1/2	61,527	1/2	76,604	1/2	91,680	1/2	106,757	1/2	121,827	1/2	136,896
3/4	1,739	3/4	16,650	3/4	31,724	3/4	46,777	3/4	61,842	3/4	76,918	3/4	91,994	3/4	107,071	3/4	122,141	3/4	137,210
1	1,975	1	16,964	1	32,038	1	47,091	1	62,156	1	77,232	1	92,308	1	107,385	1	122,455	1	137,524
1/4	2,268	1/4	17,278	1/4	32,352	1/4	47,404	1/4	62,470	1/4	77,546	1/4	92,623	1/4	107,699	1/4	122,769	1/4	137,838
1/2	2,562	1/2	17,592	1/2	32,666	1/2	47,717	1/2	62,784	1/2	77,860	1/2	92,937	1/2	108,013	1/2	123,083	1/2	138,152
3/4	2,856	3/4	17,907	3/4	32,981	3/4	48,030	3/4	63,098	3/4	78,174	3/4	93,251	3/4	108,327	3/4	123,397	3/4	138,466
2	3,149	2	18,221	2	33,295	2	48,343	2	63,412	2	78,488	2	93,565	2	108,641	2	123,711	2	138,780
1/4	3,462	1/4	18,535	1/4	33,609	1/4	48,656	1/4	63,726	1/4	78,803	1/4	93,879	1/4	108,955	1/4	124,025	1/4	139,094
1/2	3,776	1/2	18,849	1/2	33,923	1/2	48,970	1/2	64,040	1/2	79,117	1/2	94,193	1/2	109,269	1/2	124,339	1/2	139,408
3/4	4,089	3/4	19,163	3/4	34,237	3/4	49,283	3/4	64,354	3/4	79,431	3/4	94,507	3/4	109,584	3/4	124,653	3/4	139,722
3	4,402	3	19,477	3	34,551	3	49,596	3	64,668	3	79,745	3	94,821	3	109,898	3	124,967	3	140,036
1/4	4,716	1/4	19,791	1/4	34,865	1/4	49,910	1/4	64,982	1/4	80,059	1/4	95,135	1/4	110,212	1/4	125,281	1/4	140,350
1/2	5,029	1/2	20,105	1/2	35,179	1/2	50,223	1/2	65,297	1/2	80,373	1/2	95,449	1/2	110,526	1/2	125,595	1/2	140,663
3/4	5,343	3/4	20,419	3/4	35,493	3/4	50,536	3/4	65,611	3/4	80,687	3/4	95,763	3/4	110,840	3/4	125,909	3/4	140,977
4	5,657	4	20,733	4	35,807	4	50,850	4	65,925	4	81,001	4	96,078	4	111,154	4	126,222	4	141,291
1/4	5,971	1/4	21,047	1/4	36,121	1/4	51,164	1/4	66,239	1/4	81,315	1/4	96,392	1/4	111,468	1/4	126,536	1/4	141,605
1/2	6,285	1/2	21,362	1/2	36,436	1/2	51,477	1/2	66,553	1/2	81,629	1/2	96,706	1/2	111,782	1/2	126,850	1/2	141,919
3/4	6,599	3/4	21,676	3/4	36,750	3/4	51,791	3/4	66,867	3/4	81,943	3/4	97,020	3/4	112,095	3/4	127,164	3/4	142,233
5	6,913	5	21,990	5	37,064	5	52,105	5	67,181	5	82,258	5	97,334	5	112,409	5	127,478	5	142,547
1/4	7,227	1/4	22,304	1/4	37,378	1/4	52,419	1/4	67,495	1/4	82,572	1/4	97,648	1/4	112,723	1/4	127,792	1/4	142,861
1/2	7,542	1/2	22,618	1/2	37,692	1/2	52,733	1/2	67,809	1/2	82,886	1/2	97,962	1/2	113,037	1/2	128,106	1/2	143,175
3/4	7,856	3/4	22,932	3/4	38,006	3/4	53,047	3/4	68,123	3/4	83,200	3/4	98,276	3/4	113,351	3/4	128,420	3/4	143,489
6	8,170	6	23,246	6	38,320	6	53,361	6	68,438	6	83,514	6	98,590	6	113,665	6	128,734	6	143,803
1/4	8,484	1/4	23,560	1/4	38,634	1/4	53,675	1/4	68,752	1/4	83,828	1/4	98,904	1/4	113,979	1/4	129,048	1/4	144,117
1/2	8,798	1/2	23,874	1/2	38,947	1/2	53,989	1/2	69,066	1/2	84,142	1/2	99,218	1/2	114,293	1/2	129,362	1/2	144,431
3/4	9,112	3/4	24,188	3/4	39,261	3/4	54,303	3/4	69,380	3/4	84,456	3/4	99,533	3/4	114,607	3/4	129,676	3/4	144,745
7	9,426	7	24,502	7	39,575	7	54,617	7	69,694	7	84,770	7	99,847	7	114,921	7	129,990	7	145,059
1/4	9,740	1/4	24,817	1/4	39,888	1/4	54,932	1/4	70,008	1/4	85,084	1/4	100,161	1/4	115,235	1/4	130,304	1/4	145,372
1/2	10,054	1/2	25,131	1/2	40,201	1/2	55,246	1/2	70,322	1/2	85,398	1/2	100,475	1/2	115,549	1/2	130,618	1/2	145,686
3/4	10,368	3/4	25,445	3/4	40,514	3/4	55,560	3/4	70,636	3/4	85,713	3/4	100,789	3/4	115,863	3/4	130,932	3/4	146,000
8	10,682	8	25,759	8	40,827	8	55,874	8	70,950	8	86,027	8	101,103	8	116,177	8	131,245	8	146,314
1/4	10,997	1/4	26,073	1/4	41,140	1/4	56,188	1/4	71,264	1/4	86,341	1/4	101,417	1/4	116,491	1/4	131,559	1/4	146,628
1/2	11,311	1/2	26,387	1/2	41,454	1/2	56,502	1/2	71,578	1/2	86,655	1/2	101,731	1/2	116,804	1/2	131,873	1/2	146,942
3/4	11,625	3/4	26,701	3/4	41,767	3/4	56,816	3/4	71,893	3/4	86,969	3/4	102,045	3/4	117,118	3/4	132,187	3/4	147,256
9	11,939	9	27,015	9	42,080	9	57,130	9	72,207	9	87,283	9	102,359	9	117,432	9	132,501	9	147,570
1/4	12,253	1/4	27,329	1/4	42,393	1/4	57,444	1/4	72,521	1/4	87,597	1/4	102,673	1/4	117,746	1/4	132,815	1/4	147,884
1/2	12,567	1/2	27,643	1/2	42,706	1/2	57,758	1/2	72,835	1/2	87,911	1/2	102,988	1/2	118,060	1/2	133,129	1/2	148,198
3/4	12,881	3/4	27,956	3/4	43,019	3/4	58,072	3/4	73,149	3/4	88,225	3/4	103,302	3/4	118,374	3/4	133,443	3/4	148,512
10	13,195	10	28,270	10	43,333	10	58,387	10	73,463	10	88,539	10	103,616	10	118,688	10	133,757	10	148,826
1/4	13,509	1/4	28,584	1/4	43,646	1/4	58,701	1/4	73,777	1/4	88,853	1/4	103,930	1/4	119,002	1/4	134,071	1/4	149,140
1/2	13,823	1/2	28,898	1/2	43,959	1/2	59,015	1/2	74,091	1/2	89,168	1/2	104,244	1/2	119,316	1/2	134,385	1/2	149,454
3/4	14,137	3/4	29,212	3/4	44,272	3/4	59,329	3/4	74,405	3/4	89,482	3/4	104,558	3/4	119,630	3/4	134,699	3/4	149,768
11	14,452	11	29,526	11	44,585	11	59,643	11	74,719	11	89,796	11	104,872	11	119,944	11	135,013	11	150,081
1/4	14,766	1/4	29,840	1/4	44,898	1/4	59,957	1/4	75,033	1/4	90,110	1/4	105,186	1/4	120,258	1/4	135,327	1/4	150,395
1/2	15,080	1/2	30,154	1/2	45,212	1/2	60,271	1/2	75,348	1/2	90,424	1/2	105,500	1/2	120,572	1/2	135,641	1/2	150,709
3/4	15,394	3/4	30,468	3/4	45,525	3/4	60,585	3/4	75,662	3/4	90,738	3/4	105,814	3/4	120,886	3/4	135,954	3/4	151,023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "HSM 3010"

2 STBD INNAGE 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	151,337	0	166,406	0	181,464	0	196,482	0	211,403	0		0		0		0		0	
1/4	151,651	1/4	166,720	1/4	181,777	1/4	196,795	1/4	211,683	1/4		1/4		1/4		1/4		1/4	
1/2	151,965	1/2	167,034	1/2	182,090	1/2	197,108	1/2	211,963	1/2		1/2		1/2		1/2		1/2	
3/4	152,279	3/4	167,348	3/4	182,403	3/4	197,421	3/4	212,243	3/4		3/4		3/4		3/4		3/4	
1	152,593	1	167,662	1	182,716	1	197,733	1	212,523	1		1		1		1		1	
1/4	152,907	1/4	167,976	1/4	183,029	1/4	198,046	1/4	212,754	1/4		1/4		1/4		1/4		1/4	
1/2	153,221	1/2	168,290	1/2	183,341	1/2	198,359	1/2	212,985	1/2		1/2		1/2		1/2		1/2	
3/4	153,535	3/4	168,604	3/4	183,654	3/4	198,672	3/4	213,217	3/4		3/4		3/4		3/4		3/4	
2	153,849	2	168,918	2	183,967	2	198,985	2	213,448	2		2		2		2		2	
1/4	154,163	1/4	169,231	1/4	184,280	1/4	199,298	1/4	213,627	1/4		1/4		1/4		1/4		1/4	
1/2	154,477	1/2	169,545	1/2	184,593	1/2	199,611	1/2	213,806	1/2		1/2		1/2		1/2		1/2	
3/4	154,791	3/4	169,859	3/4	184,906	3/4	199,924	3/4	213,985	3/4		3/4		3/4		3/4		3/4	
3	155,104	3	170,173	3	185,219	3	200,236	3	214,164	3		3		3		3		3	
1/4	155,418	1/4	170,487	1/4	185,532	1/4	200,549	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,732	1/2	170,801	1/2	185,844	1/2	200,862	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,046	3/4	171,115	3/4	186,157	3/4	201,175	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,360	4	171,429	4	186,470	4	201,488	4		4		4		4		4		4	
1/4	156,674	1/4	171,743	1/4	186,783	1/4	201,801	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,988	1/2	172,057	1/2	187,096	1/2	202,114	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,302	3/4	172,371	3/4	187,409	3/4	202,426	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,616	5	172,685	5	187,722	5	202,739	5		5		5		5		5		5	
1/4	157,930	1/4	172,999	1/4	188,034	1/4	203,051	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,244	1/2	173,313	1/2	188,347	1/2	203,362	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,558	3/4	173,627	3/4	188,660	3/4	203,673	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,872	6	173,940	6	188,973	6	203,985	6		6		6		6		6		6	
1/4	159,186	1/4	174,254	1/4	189,286	1/4	204,294	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,500	1/2	174,568	1/2	189,599	1/2	204,604	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,813	3/4	174,882	3/4	189,912	3/4	204,914	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,127	7	175,196	7	190,225	7	205,224	7		7		7		7		7		7	
1/4	160,441	1/4	175,510	1/4	190,537	1/4	205,534	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,755	1/2	175,824	1/2	190,850	1/2	205,843	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,069	3/4	176,138	3/4	191,163	3/4	206,153	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,383	8	176,452	8	191,476	8	206,463	8		8		8		8		8		8	
1/4	161,697	1/4	176,766	1/4	191,789	1/4	206,773	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,011	1/2	177,080	1/2	192,102	1/2	207,083	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,325	3/4	177,394	3/4	192,415	3/4	207,393	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,639	9	177,708	9	192,728	9	207,703	9		9		9		9		9		9	
1/4	162,953	1/4	178,021	1/4	193,040	1/4	208,013	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,267	1/2	178,334	1/2	193,353	1/2	208,323	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,581	3/4	178,648	3/4	193,666	3/4	208,632	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,895	10	178,961	10	193,979	10	208,942	10		10		10		10		10		10	
1/4	164,209	1/4	179,274	1/4	194,292	1/4	209,252	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,522	1/2	179,587	1/2	194,605	1/2	209,561	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,836	3/4	179,900	3/4	194,918	3/4	209,870	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,150	11	180,213	11	195,230	11	210,180	11		11		11		11		11		11	
1/4	165,464	1/4	180,526	1/4	195,543	1/4	210,486	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,778	1/2	180,839	1/2	195,856	1/2	210,791	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,092	3/4	181,151	3/4	196,169	3/4	211,097	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3010"

2 PORT INNAGE 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	1,033	0	15,719	0	30,803	0	45,516	0	60,023	0	74,898	0	89,986	0	105,073	0	120,155	0	135,235
1/4	1,269	1/4	16,033	1/4	31,118	1/4	45,818	1/4	60,325	1/4	75,213	1/4	90,300	1/4	105,387	1/4	120,469	1/4	135,549
1/2	1,504	1/2	16,347	1/2	31,432	1/2	46,119	1/2	60,628	1/2	75,527	1/2	90,614	1/2	105,702	1/2	120,783	1/2	135,863
3/4	1,740	3/4	16,662	3/4	31,746	3/4	46,421	3/4	60,931	3/4	75,841	3/4	90,928	3/4	106,016	3/4	121,097	3/4	136,177
1	1,976	1	16,976	1	32,061	1	46,723	1	61,233	1	76,155	1	91,243	1	106,330	1	121,412	1	136,491
1/4	2,270	1/4	17,290	1/4	32,375	1/4	47,024	1/4	61,536	1/4	76,470	1/4	91,557	1/4	106,644	1/4	121,726	1/4	136,805
1/2	2,564	1/2	17,605	1/2	32,689	1/2	47,326	1/2	61,838	1/2	76,784	1/2	91,871	1/2	106,959	1/2	122,040	1/2	137,120
3/4	2,857	3/4	17,919	3/4	33,003	3/4	47,627	3/4	62,141	3/4	77,098	3/4	92,186	3/4	107,273	3/4	122,354	3/4	137,434
2	3,151	2	18,233	2	33,318	2	47,929	2	62,443	2	77,413	2	92,500	2	107,587	2	122,668	2	137,748
1/4	3,465	1/4	18,547	1/4	33,632	1/4	48,231	1/4	62,746	1/4	77,727	1/4	92,814	1/4	107,902	1/4	122,982	1/4	138,062
1/2	3,778	1/2	18,862	1/2	33,946	1/2	48,532	1/2	63,048	1/2	78,041	1/2	93,129	1/2	108,216	1/2	123,297	1/2	138,376
3/4	4,091	3/4	19,176	3/4	34,261	3/4	48,834	3/4	63,351	3/4	78,356	3/4	93,443	3/4	108,530	3/4	123,611	3/4	138,690
3	4,405	3	19,490	3	34,575	3	49,136	3	63,653	3	78,670	3	93,757	3	108,845	3	123,925	3	139,005
1/4	4,719	1/4	19,805	1/4	34,889	1/4	49,438	1/4	63,956	1/4	78,984	1/4	94,072	1/4	109,159	1/4	124,239	1/4	139,319
1/2	5,033	1/2	20,119	1/2	35,204	1/2	49,740	1/2	64,258	1/2	79,299	1/2	94,386	1/2	109,473	1/2	124,553	1/2	139,633
3/4	5,347	3/4	20,433	3/4	35,518	3/4	50,041	3/4	64,561	3/4	79,613	3/4	94,700	3/4	109,787	3/4	124,867	3/4	139,947
4	5,661	4	20,748	4	35,832	4	50,343	4	64,864	4	79,927	4	95,015	4	110,102	4	125,181	4	140,261
1/4	5,975	1/4	21,062	1/4	36,141	1/4	50,645	1/4	65,172	1/4	80,242	1/4	95,329	1/4	110,416	1/4	125,496	1/4	140,575
1/2	6,289	1/2	21,376	1/2	36,449	1/2	50,948	1/2	65,480	1/2	80,556	1/2	95,643	1/2	110,730	1/2	125,810	1/2	140,890
3/4	6,604	3/4	21,691	3/4	36,758	3/4	51,250	3/4	65,789	3/4	80,870	3/4	95,958	3/4	111,044	3/4	126,124	3/4	141,204
5	6,918	5	22,005	5	37,066	5	51,552	5	66,097	5	81,185	5	96,272	5	111,358	5	126,438	5	141,518
1/4	7,232	1/4	22,319	1/4	37,368	1/4	51,854	1/4	66,412	1/4	81,499	1/4	96,586	1/4	111,673	1/4	126,752	1/4	141,832
1/2	7,547	1/2	22,634	1/2	37,671	1/2	52,157	1/2	66,726	1/2	81,813	1/2	96,901	1/2	111,987	1/2	127,066	1/2	142,146
3/4	7,861	3/4	22,948	3/4	37,974	3/4	52,460	3/4	67,040	3/4	82,128	3/4	97,215	3/4	112,301	3/4	127,381	3/4	142,460
6	8,175	6	23,262	6	38,276	6	52,762	6	67,355	6	82,442	6	97,529	6	112,615	6	127,695	6	142,775
1/4	8,490	1/4	23,576	1/4	38,578	1/4	53,065	1/4	67,669	1/4	82,756	1/4	97,844	1/4	112,929	1/4	128,009	1/4	143,089
1/2	8,804	1/2	23,891	1/2	38,880	1/2	53,367	1/2	67,983	1/2	83,070	1/2	98,158	1/2	113,243	1/2	128,323	1/2	143,403
3/4	9,118	3/4	24,205	3/4	39,182	3/4	53,670	3/4	68,297	3/4	83,385	3/4	98,472	3/4	113,557	3/4	128,637	3/4	143,717
7	9,432	7	24,519	7	39,484	7	53,972	7	68,612	7	83,699	7	98,786	7	113,872	7	128,951	7	144,031
1/4	9,747	1/4	24,834	1/4	39,786	1/4	54,275	1/4	68,926	1/4	84,013	1/4	99,101	1/4	114,186	1/4	129,266	1/4	144,345
1/2	10,061	1/2	25,148	1/2	40,087	1/2	54,577	1/2	69,240	1/2	84,328	1/2	99,415	1/2	114,500	1/2	129,580	1/2	144,660
3/4	10,375	3/4	25,462	3/4	40,389	3/4	54,880	3/4	69,555	3/4	84,642	3/4	99,729	3/4	114,814	3/4	129,894	3/4	144,974
8	10,690	8	25,777	8	40,691	8	55,182	8	69,869	8	84,956	8	100,044	8	115,128	8	130,208	8	145,288
1/4	11,004	1/4	26,091	1/4	40,992	1/4	55,485	1/4	70,183	1/4	85,271	1/4	100,358	1/4	115,442	1/4	130,522	1/4	145,602
1/2	11,318	1/2	26,405	1/2	41,294	1/2	55,787	1/2	70,498	1/2	85,585	1/2	100,672	1/2	115,757	1/2	130,836	1/2	145,916
3/4	11,633	3/4	26,719	3/4	41,595	3/4	56,090	3/4	70,812	3/4	85,899	3/4	100,987	3/4	116,071	3/4	131,151	3/4	146,230
9	11,947	9	27,034	9	41,897	9	56,392	9	71,126	9	86,214	9	101,301	9	116,385	9	131,465	9	146,544
1/4	12,261	1/4	27,348	1/4	42,199	1/4	56,695	1/4	71,441	1/4	86,528	1/4	101,615	1/4	116,699	1/4	131,779	1/4	146,859
1/2	12,576	1/2	27,662	1/2	42,500	1/2	56,998	1/2	71,755	1/2	86,842	1/2	101,930	1/2	117,013	1/2	132,093	1/2	147,173
3/4	12,890	3/4	27,976	3/4	42,802	3/4	57,300	3/4	72,069	3/4	87,157	3/4	102,244	3/4	117,327	3/4	132,407	3/4	147,487
10	13,204	10	28,290	10	43,103	10	57,603	10	72,384	10	87,471	10	102,558	10	117,642	10	132,721	10	147,801
1/4	13,519	1/4	28,604	1/4	43,405	1/4	57,905	1/4	72,698	1/4	87,785	1/4	102,873	1/4	117,956	1/4	133,036	1/4	148,115
1/2	13,833	1/2	28,918	1/2	43,707	1/2	58,208	1/2	73,012	1/2	88,100	1/2	103,187	1/2	118,270	1/2	133,350	1/2	148,429
3/4	14,147	3/4	29,232	3/4	44,008	3/4	58,510	3/4	73,327	3/4	88,414	3/4	103,501	3/4	118,584	3/4	133,664	3/4	148,744
11	14,461	11	29,546	11	44,310	11	58,813	11	73,641	11	88,728	11	103,816	11	118,898	11	133,978	11	149,058
1/4	14,776	1/4	29,861	1/4	44,611	1/4	59,115	1/4	73,955	1/4	89,043	1/4	104,130	1/4	119,212	1/4	134,292	1/4	149,372
1/2	15,090	1/2	30,175	1/2	44,913	1/2	59,418	1/2	74,270	1/2	89,357	1/2	104,444	1/2	119,527	1/2	134,606	1/2	149,686
3/4	15,404	3/4	30,489	3/4	45,215	3/4	59,720	3/4	74,584	3/4	89,671	3/4	104,759	3/4	119,841	3/4	134,921	3/4	150,000

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "HSM 3010"

2 PORT INNAGE 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	150,314	0	165,394	0	180,463	0	195,492	0	210,424	0		0		0		0		0	
1/4	150,629	1/4	165,708	1/4	180,776	1/4	195,805	1/4	210,704	1/4		1/4		1/4		1/4		1/4	
1/2	150,943	1/2	166,023	1/2	181,090	1/2	196,118	1/2	210,984	1/2		1/2		1/2		1/2		1/2	
3/4	151,257	3/4	166,337	3/4	181,403	3/4	196,431	3/4	211,264	3/4		3/4		3/4		3/4		3/4	
1	151,571	1	166,651	1	181,716	1	196,744	1	211,544	1		1		1		1		1	
1/4	151,885	1/4	166,965	1/4	182,029	1/4	197,057	1/4	211,776	1/4		1/4		1/4		1/4		1/4	
1/2	152,199	1/2	167,279	1/2	182,342	1/2	197,371	1/2	212,007	1/2		1/2		1/2		1/2		1/2	
3/4	152,514	3/4	167,593	3/4	182,655	3/4	197,684	3/4	212,239	3/4		3/4		3/4		3/4		3/4	
2	152,828	2	167,908	2	182,968	2	197,997	2	212,470	2		2		2		2		2	
1/4	153,142	1/4	168,222	1/4	183,281	1/4	198,310	1/4	212,650	1/4		1/4		1/4		1/4		1/4	
1/2	153,456	1/2	168,536	1/2	183,594	1/2	198,623	1/2	212,829	1/2		1/2		1/2		1/2		1/2	
3/4	153,770	3/4	168,850	3/4	183,907	3/4	198,936	3/4	213,008	3/4		3/4		3/4		3/4		3/4	
3	154,084	3	169,164	3	184,220	3	199,249	3	213,187	3		3		3		3		3	
1/4	154,399	1/4	169,478	1/4	184,534	1/4	199,562	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,713	1/2	169,792	1/2	184,847	1/2	199,875	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,027	3/4	170,107	3/4	185,160	3/4	200,188	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,341	4	170,421	4	185,473	4	200,501	4		4		4		4		4		4	
1/4	155,655	1/4	170,735	1/4	185,786	1/4	200,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,969	1/2	171,049	1/2	186,099	1/2	201,128	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,284	3/4	171,363	3/4	186,412	3/4	201,441	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,598	5	171,677	5	186,725	5	201,754	5		5		5		5		5		5	
1/4	156,912	1/4	171,992	1/4	187,038	1/4	202,065	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,226	1/2	172,306	1/2	187,351	1/2	202,377	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,540	3/4	172,620	3/4	187,665	3/4	202,688	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,854	6	172,934	6	187,978	6	203,000	6		6		6		6		6		6	
1/4	158,168	1/4	173,248	1/4	188,291	1/4	203,310	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,483	1/2	173,562	1/2	188,604	1/2	203,620	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,797	3/4	173,877	3/4	188,917	3/4	203,930	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,111	7	174,191	7	189,230	7	204,240	7		7		7		7		7		7	
1/4	159,425	1/4	174,505	1/4	189,543	1/4	204,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,739	1/2	174,819	1/2	189,856	1/2	204,860	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,053	3/4	175,133	3/4	190,169	3/4	205,170	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,368	8	175,447	8	190,482	8	205,480	8		8		8		8		8		8	
1/4	160,682	1/4	175,762	1/4	190,796	1/4	205,790	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,996	1/2	176,076	1/2	191,109	1/2	206,101	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,310	3/4	176,390	3/4	191,422	3/4	206,411	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,624	9	176,704	9	191,735	9	206,721	9		9		9		9		9		9	
1/4	161,938	1/4	177,018	1/4	192,048	1/4	207,031	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,253	1/2	177,331	1/2	192,361	1/2	207,341	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,567	3/4	177,645	3/4	192,674	3/4	207,651	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,881	10	177,959	10	192,987	10	207,961	10		10		10		10		10		10	
1/4	163,195	1/4	178,272	1/4	193,300	1/4	208,271	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,509	1/2	178,585	1/2	193,613	1/2	208,580	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,823	3/4	178,898	3/4	193,926	3/4	208,890	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,138	11	179,211	11	194,240	11	209,200	11		11		11		11		11		11	
1/4	164,452	1/4	179,524	1/4	194,553	1/4	209,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,766	1/2	179,837	1/2	194,866	1/2	209,812	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,080	3/4	180,150	3/4	195,179	3/4	210,118	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3010"

1 STBD INNAGE 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	386	0	13,260	0	28,195	0	43,227	0	58,254	0	73,284	0	88,316	0	103,348	0	118,376	0	133,402
1/4	563	1/4	13,561	1/4	28,508	1/4	43,540	1/4	58,567	1/4	73,597	1/4	88,629	1/4	103,662	1/4	118,689	1/4	133,715
1/2	740	1/2	13,863	1/2	28,822	1/2	43,853	1/2	58,880	1/2	73,910	1/2	88,943	1/2	103,975	1/2	119,002	1/2	134,028
3/4	917	3/4	14,165	3/4	29,135	3/4	44,166	3/4	59,193	3/4	74,223	3/4	89,256	3/4	104,288	3/4	119,315	3/4	134,341
1	1,094	1	14,466	1	29,448	1	44,480	1	59,506	1	74,537	1	89,569	1	104,601	1	119,628	1	134,654
1/4	1,332	1/4	14,772	1/4	29,761	1/4	44,793	1/4	59,819	1/4	74,850	1/4	89,882	1/4	104,914	1/4	119,941	1/4	134,967
1/2	1,571	1/2	15,077	1/2	30,074	1/2	45,106	1/2	60,132	1/2	75,163	1/2	90,195	1/2	105,228	1/2	120,254	1/2	135,280
3/4	1,810	3/4	15,382	3/4	30,387	3/4	45,419	3/4	60,445	3/4	75,476	3/4	90,508	3/4	105,541	3/4	120,567	3/4	135,593
2	2,049	2	15,688	2	30,700	2	45,732	2	60,758	2	75,789	2	90,822	2	105,854	2	120,880	2	135,906
1/4	2,311	1/4	15,997	1/4	31,014	1/4	46,045	1/4	61,071	1/4	76,102	1/4	91,135	1/4	106,167	1/4	121,193	1/4	136,219
1/2	2,573	1/2	16,307	1/2	31,327	1/2	46,359	1/2	61,384	1/2	76,416	1/2	91,448	1/2	106,480	1/2	121,507	1/2	136,532
3/4	2,835	3/4	16,616	3/4	31,640	3/4	46,672	3/4	61,697	3/4	76,729	3/4	91,761	3/4	106,793	3/4	121,820	3/4	136,845
3	3,097	3	16,925	3	31,953	3	46,985	3	62,010	3	77,042	3	92,074	3	107,107	3	122,133	3	137,158
1/4	3,364	1/4	17,237	1/4	32,266	1/4	47,298	1/4	62,323	1/4	77,355	1/4	92,387	1/4	107,420	1/4	122,446	1/4	137,471
1/2	3,631	1/2	17,550	1/2	32,579	1/2	47,611	1/2	62,636	1/2	77,668	1/2	92,701	1/2	107,733	1/2	122,759	1/2	137,784
3/4	3,897	3/4	17,862	3/4	32,893	3/4	47,924	3/4	62,949	3/4	77,982	3/4	93,014	3/4	108,046	3/4	123,072	3/4	138,097
4	4,164	4	18,174	4	33,206	4	48,238	4	63,262	4	78,295	4	93,327	4	108,359	4	123,385	4	138,411
1/4	4,435	1/4	18,487	1/4	33,519	1/4	48,551	1/4	63,576	1/4	78,608	1/4	93,640	1/4	108,672	1/4	123,698	1/4	138,724
1/2	4,705	1/2	18,800	1/2	33,832	1/2	48,864	1/2	63,889	1/2	78,921	1/2	93,953	1/2	108,985	1/2	124,011	1/2	139,037
3/4	4,976	3/4	19,113	3/4	34,145	3/4	49,177	3/4	64,202	3/4	79,234	3/4	94,266	3/4	109,298	3/4	124,324	3/4	139,350
5	5,247	5	19,427	5	34,458	5	49,490	5	64,515	5	79,547	5	94,580	5	109,611	5	124,637	5	139,663
1/4	5,521	1/4	19,740	1/4	34,772	1/4	49,803	1/4	64,828	1/4	79,861	1/4	94,893	1/4	109,924	1/4	124,950	1/4	139,976
1/2	5,796	1/2	20,053	1/2	35,085	1/2	50,117	1/2	65,141	1/2	80,174	1/2	95,206	1/2	110,237	1/2	125,263	1/2	140,289
3/4	6,071	3/4	20,366	3/4	35,398	3/4	50,430	3/4	65,455	3/4	80,487	3/4	95,519	3/4	110,550	3/4	125,576	3/4	140,602
6	6,345	6	20,679	6	35,711	6	50,743	6	65,768	6	80,800	6	95,832	6	110,863	6	125,889	6	140,915
1/4	6,624	1/4	20,992	1/4	36,024	1/4	51,056	1/4	66,081	1/4	81,113	1/4	96,146	1/4	111,176	1/4	126,202	1/4	141,228
1/2	6,902	1/2	21,306	1/2	36,337	1/2	51,369	1/2	66,394	1/2	81,426	1/2	96,459	1/2	111,489	1/2	126,515	1/2	141,541
3/4	7,181	3/4	21,619	3/4	36,651	3/4	51,682	3/4	66,707	3/4	81,740	3/4	96,772	3/4	111,802	3/4	126,828	3/4	141,854
7	7,459	7	21,932	7	36,964	7	51,995	7	67,020	7	82,053	7	97,085	7	112,115	7	127,141	7	142,167
1/4	7,741	1/4	22,245	1/4	37,277	1/4	52,308	1/4	67,334	1/4	82,366	1/4	97,398	1/4	112,428	1/4	127,454	1/4	142,480
1/2	8,024	1/2	22,558	1/2	37,590	1/2	52,621	1/2	67,647	1/2	82,679	1/2	97,711	1/2	112,741	1/2	127,767	1/2	142,793
3/4	8,306	3/4	22,871	3/4	37,903	3/4	52,934	3/4	67,960	3/4	82,992	3/4	98,025	3/4	113,055	3/4	128,080	3/4	143,106
8	8,588	8	23,185	8	38,216	8	53,247	8	68,273	8	83,305	8	98,338	8	113,368	8	128,393	8	143,419
1/4	8,875	1/4	23,498	1/4	38,530	1/4	53,560	1/4	68,586	1/4	83,619	1/4	98,651	1/4	113,681	1/4	128,706	1/4	143,732
1/2	9,161	1/2	23,811	1/2	38,843	1/2	53,873	1/2	68,900	1/2	83,932	1/2	98,964	1/2	113,994	1/2	129,019	1/2	144,045
3/4	9,447	3/4	24,124	3/4	39,156	3/4	54,186	3/4	69,213	3/4	84,245	3/4	99,277	3/4	114,307	3/4	129,332	3/4	144,358
9	9,733	9	24,437	9	39,469	9	54,499	9	69,526	9	84,558	9	99,590	9	114,620	9	129,645	9	144,671
1/4	10,023	1/4	24,750	1/4	39,782	1/4	54,812	1/4	69,839	1/4	84,871	1/4	99,904	1/4	114,933	1/4	129,959	1/4	144,984
1/2	10,313	1/2	25,064	1/2	40,095	1/2	55,125	1/2	70,152	1/2	85,184	1/2	100,217	1/2	115,246	1/2	130,272	1/2	145,297
3/4	10,603	3/4	25,377	3/4	40,409	3/4	55,438	3/4	70,465	3/4	85,498	3/4	100,530	3/4	115,559	3/4	130,585	3/4	145,611
10	10,893	10	25,690	10	40,722	10	55,751	10	70,779	10	85,811	10	100,843	10	115,872	10	130,898	10	145,924
1/4	11,187	1/4	26,003	1/4	41,035	1/4	56,064	1/4	71,092	1/4	86,124	1/4	101,156	1/4	116,185	1/4	131,211	1/4	146,237
1/2	11,481	1/2	26,316	1/2	41,348	1/2	56,377	1/2	71,405	1/2	86,437	1/2	101,469	1/2	116,498	1/2	131,524	1/2	146,550
3/4	11,775	3/4	26,629	3/4	41,661	3/4	56,690	3/4	71,718	3/4	86,750	3/4	101,783	3/4	116,811	3/4	131,837	3/4	146,863
11	12,069	11	26,943	11	41,974	11	57,003	11	72,031	11	87,064	11	102,096	11	117,124	11	132,150	11	147,176
1/4	12,367	1/4	27,256	1/4	42,288	1/4	57,316	1/4	72,344	1/4	87,377	1/4	102,409	1/4	117,437	1/4	132,463	1/4	147,489
1/2	12,664	1/2	27,569	1/2	42,601	1/2	57,629	1/2	72,658	1/2	87,690	1/2	102,722	1/2	117,750	1/2	132,776	1/2	147,802
3/4	12,962	3/4	27,882	3/4	42,914	3/4	57,941	3/4	72,971	3/4	88,003	3/4	103,035	3/4	118,063	3/4	133,089	3/4	148,115

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "HSM 3010"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE 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	148,428	0	163,454	0	178,471	0	193,453	0	208,363	0		0		0		0		0	
1/4	148,741	1/4	163,767	1/4	178,783	1/4	193,765	1/4	208,643	1/4		1/4		1/4		1/4		1/4	
1/2	149,054	1/2	164,080	1/2	179,095	1/2	194,077	1/2	208,923	1/2		1/2		1/2		1/2		1/2	
3/4	149,367	3/4	164,393	3/4	179,407	3/4	194,389	3/4	209,204	3/4		3/4		3/4		3/4		3/4	
1	149,680	1	164,706	1	179,719	1	194,702	1	209,484	1		1		1		1		1	
1/4	149,993	1/4	165,019	1/4	180,031	1/4	195,014	1/4	209,716	1/4		1/4		1/4		1/4		1/4	
1/2	150,306	1/2	165,332	1/2	180,344	1/2	195,326	1/2	209,947	1/2		1/2		1/2		1/2		1/2	
3/4	150,619	3/4	165,645	3/4	180,656	3/4	195,638	3/4	210,179	3/4		3/4		3/4		3/4		3/4	
2	150,932	2	165,958	2	180,968	2	195,950	2	210,411	2		2		2		2		2	
1/4	151,245	1/4	166,271	1/4	181,280	1/4	196,262	1/4	210,591	1/4		1/4		1/4		1/4		1/4	
1/2	151,558	1/2	166,584	1/2	181,592	1/2	196,574	1/2	210,770	1/2		1/2		1/2		1/2		1/2	
3/4	151,871	3/4	166,897	3/4	181,904	3/4	196,886	3/4	210,950	3/4		3/4		3/4		3/4		3/4	
3	152,184	3	167,210	3	182,216	3	197,199	3	211,130	3		3		3		3		3	
1/4	152,497	1/4	167,523	1/4	182,528	1/4	197,511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,810	1/2	167,837	1/2	182,841	1/2	197,823	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,124	3/4	168,150	3/4	183,153	3/4	198,135	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,437	4	168,463	4	183,465	4	198,447	4		4		4		4		4		4	
1/4	153,750	1/4	168,776	1/4	183,777	1/4	198,759	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,063	1/2	169,089	1/2	184,089	1/2	199,071	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,376	3/4	169,402	3/4	184,401	3/4	199,383	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,689	5	169,715	5	184,713	5	199,696	5		5		5		5		5		5	
1/4	155,002	1/4	170,028	1/4	185,026	1/4	200,007	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,315	1/2	170,341	1/2	185,338	1/2	200,318	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,628	3/4	170,654	3/4	185,650	3/4	200,629	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,941	6	170,967	6	185,962	6	200,940	6		6		6		6		6		6	
1/4	156,254	1/4	171,280	1/4	186,274	1/4	201,250	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,567	1/2	171,593	1/2	186,586	1/2	201,560	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,880	3/4	171,906	3/4	186,898	3/4	201,870	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,193	7	172,219	7	187,210	7	202,180	7		7		7		7		7		7	
1/4	157,506	1/4	172,532	1/4	187,523	1/4	202,490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,819	1/2	172,845	1/2	187,835	1/2	202,800	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,132	3/4	173,158	3/4	188,147	3/4	203,110	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,445	8	173,471	8	188,459	8	203,420	8		8		8		8		8		8	
1/4	158,758	1/4	173,784	1/4	188,771	1/4	203,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,071	1/2	174,097	1/2	189,083	1/2	204,040	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,384	3/4	174,410	3/4	189,395	3/4	204,350	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,697	9	174,723	9	189,707	9	204,660	9		9		9		9		9		9	
1/4	160,010	1/4	175,036	1/4	190,020	1/4	204,970	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,323	1/2	175,349	1/2	190,332	1/2	205,281	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,637	3/4	175,661	3/4	190,644	3/4	205,591	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,950	10	175,974	10	190,956	10	205,901	10		10		10		10		10		10	
1/4	161,263	1/4	176,286	1/4	191,268	1/4	206,210	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,576	1/2	176,598	1/2	191,580	1/2	206,520	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,889	3/4	176,910	3/4	191,892	3/4	206,829	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,202	11	177,222	11	192,204	11	207,139	11		11		11		11		11		11	
1/4	162,515	1/4	177,534	1/4	192,517	1/4	207,445	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,828	1/2	177,847	1/2	192,829	1/2	207,751	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,141	3/4	178,159	3/4	193,141	3/4	208,057	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3010"

1 PORT INNAGE 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	385	0	13,236	0	28,146	0	43,151	0	58,095	0	73,058	0	88,064	0	103,070	0	118,071	0	133,070
1/4	562	1/4	13,537	1/4	28,458	1/4	43,464	1/4	58,405	1/4	73,371	1/4	88,377	1/4	103,382	1/4	118,384	1/4	133,383
1/2	738	1/2	13,838	1/2	28,771	1/2	43,776	1/2	58,715	1/2	73,683	1/2	88,689	1/2	103,695	1/2	118,696	1/2	133,695
3/4	915	3/4	14,140	3/4	29,083	3/4	44,089	3/4	59,026	3/4	73,996	3/4	89,002	3/4	104,008	3/4	119,009	3/4	134,008
1	1,092	1	14,441	1	29,396	1	44,401	1	59,336	1	74,309	1	89,314	1	104,320	1	119,321	1	134,320
1/4	1,330	1/4	14,746	1/4	29,709	1/4	44,714	1/4	59,646	1/4	74,621	1/4	89,627	1/4	104,633	1/4	119,634	1/4	134,633
1/2	1,568	1/2	15,050	1/2	30,021	1/2	45,027	1/2	59,956	1/2	74,934	1/2	89,940	1/2	104,946	1/2	119,946	1/2	134,945
3/4	1,807	3/4	15,355	3/4	30,334	3/4	45,339	3/4	60,267	3/4	75,246	3/4	90,252	3/4	105,258	3/4	120,258	3/4	135,258
2	2,045	2	15,660	2	30,646	2	45,652	2	60,577	2	75,559	2	90,565	2	105,571	2	120,571	2	135,570
1/4	2,307	1/4	15,969	1/4	30,959	1/4	45,964	1/4	60,887	1/4	75,872	1/4	90,878	1/4	105,883	1/4	120,883	1/4	135,883
1/2	2,568	1/2	16,278	1/2	31,272	1/2	46,277	1/2	61,198	1/2	76,184	1/2	91,190	1/2	106,196	1/2	121,196	1/2	136,195
3/4	2,830	3/4	16,587	3/4	31,584	3/4	46,590	3/4	61,508	3/4	76,497	3/4	91,503	3/4	106,509	3/4	121,508	3/4	136,508
3	3,092	3	16,895	3	31,897	3	46,902	3	61,818	3	76,810	3	91,815	3	106,821	3	121,821	3	136,820
1/4	3,358	1/4	17,207	1/4	32,210	1/4	47,215	1/4	62,129	1/4	77,122	1/4	92,128	1/4	107,134	1/4	122,133	1/4	137,133
1/2	3,624	1/2	17,519	1/2	32,522	1/2	47,528	1/2	62,439	1/2	77,435	1/2	92,441	1/2	107,446	1/2	122,446	1/2	137,445
3/4	3,890	3/4	17,830	3/4	32,835	3/4	47,840	3/4	62,749	3/4	77,747	3/4	92,753	3/4	107,759	3/4	122,758	3/4	137,758
4	4,156	4	18,142	4	33,147	4	48,153	4	63,060	4	78,060	4	93,066	4	108,071	4	123,071	4	138,070
1/4	4,427	1/4	18,455	1/4	33,460	1/4	48,465	1/4	63,371	1/4	78,373	1/4	93,378	1/4	108,384	1/4	123,383	1/4	138,383
1/2	4,697	1/2	18,767	1/2	33,773	1/2	48,777	1/2	63,683	1/2	78,685	1/2	93,691	1/2	108,696	1/2	123,696	1/2	138,695
3/4	4,967	3/4	19,080	3/4	34,085	3/4	49,088	3/4	63,994	3/4	78,998	3/4	94,004	3/4	109,009	3/4	124,008	3/4	139,008
5	5,237	5	19,392	5	34,398	5	49,400	5	64,305	5	79,310	5	94,316	5	109,321	5	124,321	5	139,320
1/4	5,512	1/4	19,705	1/4	34,710	1/4	49,712	1/4	64,618	1/4	79,623	1/4	94,629	1/4	109,634	1/4	124,633	1/4	139,633
1/2	5,786	1/2	20,018	1/2	35,023	1/2	50,023	1/2	64,930	1/2	79,936	1/2	94,942	1/2	109,946	1/2	124,946	1/2	139,945
3/4	6,060	3/4	20,330	3/4	35,336	3/4	50,334	3/4	65,243	3/4	80,248	3/4	95,254	3/4	110,259	3/4	125,258	3/4	140,258
6	6,334	6	20,643	6	35,648	6	50,645	6	65,555	6	80,561	6	95,567	6	110,571	6	125,571	6	140,570
1/4	6,612	1/4	20,955	1/4	35,961	1/4	50,956	1/4	65,868	1/4	80,874	1/4	95,879	1/4	110,884	1/4	125,883	1/4	140,883
1/2	6,890	1/2	21,268	1/2	36,273	1/2	51,267	1/2	66,180	1/2	81,186	1/2	96,192	1/2	111,196	1/2	126,196	1/2	141,195
3/4	7,168	3/4	21,581	3/4	36,586	3/4	51,578	3/4	66,493	3/4	81,499	3/4	96,505	3/4	111,509	3/4	126,508	3/4	141,508
7	7,446	7	21,893	7	36,899	7	51,889	7	66,806	7	81,811	7	96,817	7	111,821	7	126,821	7	141,820
1/4	7,728	1/4	22,206	1/4	37,211	1/4	52,199	1/4	67,118	1/4	82,124	1/4	97,130	1/4	112,134	1/4	127,133	1/4	142,133
1/2	8,010	1/2	22,519	1/2	37,524	1/2	52,510	1/2	67,431	1/2	82,437	1/2	97,443	1/2	112,446	1/2	127,446	1/2	142,445
3/4	8,291	3/4	22,831	3/4	37,837	3/4	52,820	3/4	67,743	3/4	82,749	3/4	97,755	3/4	112,759	3/4	127,758	3/4	142,758
8	8,573	8	23,144	8	38,149	8	53,131	8	68,056	8	83,062	8	98,068	8	113,071	8	128,071	8	143,070
1/4	8,859	1/4	23,456	1/4	38,462	1/4	53,441	1/4	68,369	1/4	83,375	1/4	98,380	1/4	113,384	1/4	128,383	1/4	143,383
1/2	9,145	1/2	23,769	1/2	38,774	1/2	53,751	1/2	68,681	1/2	83,687	1/2	98,693	1/2	113,696	1/2	128,696	1/2	143,695
3/4	9,430	3/4	24,082	3/4	39,087	3/4	54,062	3/4	68,994	3/4	84,000	3/4	99,006	3/4	114,009	3/4	129,008	3/4	144,008
9	9,716	9	24,394	9	39,400	9	54,372	9	69,307	9	84,312	9	99,318	9	114,321	9	129,321	9	144,320
1/4	10,005	1/4	24,707	1/4	39,712	1/4	54,682	1/4	69,619	1/4	84,625	1/4	99,631	1/4	114,634	1/4	129,633	1/4	144,632
1/2	10,295	1/2	25,019	1/2	40,025	1/2	54,992	1/2	69,932	1/2	84,938	1/2	99,944	1/2	114,946	1/2	129,946	1/2	144,945
3/4	10,584	3/4	25,332	3/4	40,337	3/4	55,303	3/4	70,244	3/4	85,250	3/4	100,256	3/4	115,259	3/4	130,258	3/4	145,257
10	10,874	10	25,645	10	40,650	10	55,613	10	70,557	10	85,563	10	100,569	10	115,571	10	130,571	10	145,570
1/4	11,167	1/4	25,957	1/4	40,963	1/4	55,923	1/4	70,870	1/4	85,876	1/4	100,881	1/4	115,884	1/4	130,883	1/4	145,882
1/2	11,461	1/2	26,270	1/2	41,275	1/2	56,233	1/2	71,182	1/2	86,188	1/2	101,194	1/2	116,196	1/2	131,196	1/2	146,195
3/4	11,754	3/4	26,582	3/4	41,588	3/4	56,544	3/4	71,495	3/4	86,501	3/4	101,507	3/4	116,509	3/4	131,508	3/4	146,507
11	12,047	11	26,895	11	41,901	11	56,854	11	71,808	11	86,813	11	101,819	11	116,821	11	131,821	11	146,820
1/4	12,345	1/4	27,208	1/4	42,213	1/4	57,164	1/4	72,120	1/4	87,126	1/4	102,132	1/4	117,134	1/4	132,133	1/4	147,132
1/2	12,642	1/2	27,520	1/2	42,526	1/2	57,474	1/2	72,433	1/2	87,439	1/2	102,445	1/2	117,446	1/2	132,445	1/2	147,445
3/4	12,939	3/4	27,833	3/4	42,838	3/4	57,785	3/4	72,745	3/4	87,751	3/4	102,757	3/4	117,759	3/4	132,758	3/4	147,757

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "HSM 3010"

1 PORT INNAGE 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	148,070	0	163,069	0	178,059	0	193,015	0	207,898	0		0		0		0		0	
1/4	148,382	1/4	163,382	1/4	178,371	1/4	193,327	1/4	208,178	1/4		1/4		1/4		1/4		1/4	
1/2	148,695	1/2	163,694	1/2	178,683	1/2	193,638	1/2	208,458	1/2		1/2		1/2		1/2		1/2	
3/4	149,007	3/4	164,007	3/4	178,994	3/4	193,950	3/4	208,738	3/4		3/4		3/4		3/4		3/4	
1	149,320	1	164,319	1	179,306	1	194,261	1	209,017	1		1		1		1		1	
1/4	149,632	1/4	164,632	1/4	179,617	1/4	194,573	1/4	209,249	1/4		1/4		1/4		1/4		1/4	
1/2	149,945	1/2	164,944	1/2	179,929	1/2	194,885	1/2	209,480	1/2		1/2		1/2		1/2		1/2	
3/4	150,257	3/4	165,257	3/4	180,241	3/4	195,196	3/4	209,712	3/4		3/4		3/4		3/4		3/4	
2	150,570	2	165,569	2	180,552	2	195,508	2	209,943	2		2		2		2		2	
1/4	150,882	1/4	165,882	1/4	180,864	1/4	195,819	1/4	210,122	1/4		1/4		1/4		1/4		1/4	
1/2	151,195	1/2	166,194	1/2	181,175	1/2	196,131	1/2	210,302	1/2		1/2		1/2		1/2		1/2	
3/4	151,507	3/4	166,507	3/4	181,487	3/4	196,442	3/4	210,481	3/4		3/4		3/4		3/4		3/4	
3	151,820	3	166,819	3	181,798	3	196,754	3	210,660	3		3		3		3		3	
1/4	152,132	1/4	167,132	1/4	182,110	1/4	197,066	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,445	1/2	167,444	1/2	182,422	1/2	197,377	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,757	3/4	167,757	3/4	182,733	3/4	197,689	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,070	4	168,069	4	183,045	4	198,000	4		4		4		4		4		4	
1/4	153,382	1/4	168,382	1/4	183,356	1/4	198,312	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,695	1/2	168,694	1/2	183,668	1/2	198,623	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,007	3/4	169,006	3/4	183,979	3/4	198,935	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,320	5	169,319	5	184,291	5	199,247	5		5		5		5		5		5	
1/4	154,632	1/4	169,631	1/4	184,603	1/4	199,557	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,945	1/2	169,944	1/2	184,914	1/2	199,868	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,257	3/4	170,256	3/4	185,226	3/4	200,178	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,570	6	170,569	6	185,537	6	200,489	6		6		6		6		6		6	
1/4	155,882	1/4	170,881	1/4	185,849	1/4	200,798	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,195	1/2	171,194	1/2	186,160	1/2	201,108	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,507	3/4	171,506	3/4	186,472	3/4	201,417	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,819	7	171,819	7	186,784	7	201,726	7		7		7		7		7		7	
1/4	157,132	1/4	172,131	1/4	187,095	1/4	202,036	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,445	1/2	172,444	1/2	187,407	1/2	202,345	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,757	3/4	172,756	3/4	187,718	3/4	202,655	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,069	8	173,069	8	188,030	8	202,964	8		8		8		8		8		8	
1/4	158,382	1/4	173,381	1/4	188,341	1/4	203,274	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,695	1/2	173,694	1/2	188,653	1/2	203,584	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,007	3/4	174,006	3/4	188,965	3/4	203,893	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,319	9	174,319	9	189,276	9	204,203	9		9		9		9		9		9	
1/4	159,632	1/4	174,631	1/4	189,588	1/4	204,512	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,945	1/2	174,943	1/2	189,899	1/2	204,822	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,257	3/4	175,255	3/4	190,211	3/4	205,131	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,569	10	175,567	10	190,523	10	205,441	10		10		10		10		10		10	
1/4	160,882	1/4	175,878	1/4	190,834	1/4	205,750	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,194	1/2	176,190	1/2	191,146	1/2	206,059	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,507	3/4	176,502	3/4	191,457	3/4	206,368	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,819	11	176,813	11	191,769	11	206,677	11		11		11		11		11		11	
1/4	162,132	1/4	177,125	1/4	192,080	1/4	206,982	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,444	1/2	177,436	1/2	192,392	1/2	207,288	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,757	3/4	177,748	3/4	192,704	3/4	207,593	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

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BARGE "HSM 3010"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 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	99	0	254	0	406	0		0		0		0		0		0	
1/4	1	1/4	102	1/4	257	1/4	409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	105	1/2	260	1/2	411	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	108	3/4	264	3/4	414	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	111	1	267	1	417	1		1		1		1		1		1	
1/4	4	1/4	114	1/4	270	1/4	420	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	117	1/2	274	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	120	3/4	277	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	123	2	280	2	428	2		2		2		2		2		2	
1/4	9	1/4	126	1/4	284	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	130	1/2	287	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	133	3/4	290	3/4	435	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	136	3	294	3	438	3		3		3		3		3		3	
1/4	15	1/4	139	1/4	297	1/4	441	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	142	1/2	300	1/2	443	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	145	3/4	303	3/4	445	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	148	4	307	4	448	4		4		4		4		4		4	
1/4	22	1/4	152	1/4	310	1/4	450	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	155	1/2	313	1/2	452	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	158	3/4	317	3/4	455	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	161	5	320	5	457	5		5		5		5		5		5	
1/4	30	1/4	164	1/4	323	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	168	1/2	326	1/2	461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	171	3/4	330	3/4	464	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	174	6	333	6	466	6		6		6		6		6		6	
1/4	39	1/4	177	1/4	336	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	181	1/2	339	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	184	3/4	342	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	187	7	346	7	474	7		7		7		7		7		7	
1/4	48	1/4	190	1/4	349	1/4	475	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	194	1/2	352	1/2	477	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	197	3/4	355	3/4	479	3/4		3/4		3/4		3/4		3/4		3/4	
8	56	8	200	8	358	8	481	8		8		8		8		8		8	
1/4	58	1/4	204	1/4	361	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	207	1/2	364	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	210	3/4	367	3/4	485	3/4		3/4		3/4		3/4		3/4		3/4	
9	66	9	214	9	370	9	487	9		9		9		9		9		9	
1/4	69	1/4	217	1/4	373	1/4	488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	220	1/2	376	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	224	3/4	380	3/4	490	3/4		3/4		3/4		3/4		3/4		3/4	
10	77	10	227	10	383	10	491	10		10		10		10		10		10	
1/4	80	1/4	230	1/4	386	1/4	492	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	82	1/2	234	1/2	388	1/2	493	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85	3/4	237	3/4	391	3/4	493	3/4		3/4		3/4		3/4		3/4		3/4	
11	88	11	240	11	394	11	494	11		11		11		11		11		11	
1/4	91	1/4	244	1/4	397	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	247	1/2	400	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97	3/4	250	3/4	403	3/4		3/4		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: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

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BARGE "HSM 3010"

STBD SLOP TANK INNAGE 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	96	0	1,251	0	2,406	0	3,560	0	4,715	0		0		0		0		0	
1/4	120	1/4	1,275	1/4	2,430	1/4	3,584	1/4	4,739	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	144	1/2	1,299	1/2	2,454	1/2	3,608	1/2	4,762	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	168	3/4	1,323	3/4	2,478	3/4	3,632	3/4	4,786	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
1	193	1	1,347	1	2,502	1	3,656	1	4,810	1		1		1	1	1	1	1	1
1/4	217	1/4	1,371	1/4	2,526	1/4	3,680	1/4	4,833	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	241	1/2	1,395	1/2	2,550	1/2	3,704	1/2	4,857	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	265	3/4	1,419	3/4	2,574	3/4	3,728	3/4	4,881	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
2	289	2	1,444	2	2,597	2	3,752	2	4,904	2		2		2	2	2	2	2	2
1/4	313	1/4	1,468	1/4	2,622	1/4	3,776	1/4	4,928	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	337	1/2	1,492	1/2	2,646	1/2	3,800	1/2	4,952	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	361	3/4	1,516	3/4	2,670	3/4	3,825	3/4	4,975	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
3	385	3	1,540	3	2,694	3	3,849	3	4,999	3		3		3	3	3	3	3	3
1/4	409	1/4	1,564	1/4	2,718	1/4	3,873	1/4	5,023	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	433	1/2	1,588	1/2	2,742	1/2	3,897	1/2	5,046	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	457	3/4	1,612	3/4	2,766	3/4	3,921	3/4	5,070	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	481	4	1,636	4	2,790	4	3,945	4	5,093	4		4		4	4	4	4	4	4
1/4	505	1/4	1,660	1/4	2,814	1/4	3,969	1/4	5,105	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	529	1/2	1,684	1/2	2,838	1/2	3,993	1/2	5,117	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	553	3/4	1,708	3/4	2,862	3/4	4,017	3/4	5,128	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	578	5	1,732	5	2,886	5	4,041	5	5,140	5		5		5	5	5	5	5	5
1/4	602	1/4	1,756	1/4	2,910	1/4	4,065	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	626	1/2	1,780	1/2	2,934	1/2	4,089	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	650	3/4	1,805	3/4	2,958	3/4	4,113	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	674	6	1,829	6	2,982	6	4,137	6		6		6		6	6	6	6	6	6
1/4	698	1/4	1,853	1/4	3,006	1/4	4,161	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	722	1/2	1,877	1/2	3,030	1/2	4,185	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	746	3/4	1,901	3/4	3,054	3/4	4,210	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	770	7	1,925	7	3,079	7	4,234	7		7		7		7	7	7	7	7	7
1/4	794	1/4	1,949	1/4	3,103	1/4	4,258	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	818	1/2	1,973	1/2	3,127	1/2	4,282	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	842	3/4	1,997	3/4	3,151	3/4	4,306	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	866	8	2,021	8	3,175	8	4,330	8		8		8		8	8	8	8	8	8
1/4	890	1/4	2,045	1/4	3,199	1/4	4,354	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	914	1/2	2,069	1/2	3,223	1/2	4,378	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	938	3/4	2,093	3/4	3,247	3/4	4,402	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	963	9	2,117	9	3,271	9	4,426	9		9		9		9	9	9	9	9	9
1/4	987	1/4	2,141	1/4	3,295	1/4	4,450	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,011	1/2	2,165	1/2	3,319	1/2	4,474	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,035	3/4	2,190	3/4	3,343	3/4	4,498	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,059	10	2,214	10	3,367	10	4,522	10		10		10		10	10	10	10	10	10
1/4	1,083	1/4	2,238	1/4	3,391	1/4	4,546	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,107	1/2	2,262	1/2	3,415	1/2	4,570	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,131	3/4	2,286	3/4	3,440	3/4	4,595	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,155	11	2,310	11	3,464	11	4,619	11		11		11		11	11	11	11	11	11
1/4	1,179	1/4	2,334	1/4	3,488	1/4	4,643	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,203	1/2	2,358	1/2	3,512	1/2	4,667	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,227	3/4	2,382	3/4	3,536	3/4	4,691	3/4		3/4		3/4		3/4	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: 02/13/2017 CL
CALCULATED: 02/14/2017 CL
PRINTED: 02/14/2017 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2017

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



BARGE "HSM 3010"

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

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