



BARGE "HSM 3019"

INNAGE TRIM TABLE "MMC" GAUGE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

September 17, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3019"

INNAGE TRIM TABLE 8" GAUGE HATCH

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

September 17, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "HSM 3019"

1 PORT INNAGE 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	148,364	0	163,393	0	178,413	0	193,398	0	208,311	0		0		0		0		0	
1/4	148,677	1/4	163,706	1/4	178,725	1/4	193,710	1/4	208,591	1/4		1/4		1/4		1/4		1/4	
1/2	148,990	1/2	164,019	1/2	179,037	1/2	194,023	1/2	208,872	1/2		1/2		1/2		1/2		1/2	
3/4	149,303	3/4	164,332	3/4	179,350	3/4	194,335	3/4	209,152	3/4		3/4		3/4		3/4		3/4	
1	149,616	1	164,645	1	179,662	1	194,647	1	209,432	1		1		1		1		1	
1/4	149,929	1/4	164,958	1/4	179,974	1/4	194,959	1/4	209,664	1/4		1/4		1/4		1/4		1/4	
1/2	150,242	1/2	165,272	1/2	180,286	1/2	195,271	1/2	209,896	1/2		1/2		1/2		1/2		1/2	
3/4	150,556	3/4	165,585	3/4	180,598	3/4	195,584	3/4	210,128	3/4		3/4		3/4		3/4		3/4	
2	150,869	2	165,898	2	180,910	2	195,896	2	210,360	2		2		2		2		2	
1/4	151,182	1/4	166,211	1/4	181,223	1/4	196,208	1/4	210,540	1/4		1/4		1/4		1/4		1/4	
1/2	151,495	1/2	166,524	1/2	181,535	1/2	196,520	1/2	210,719	1/2		1/2		1/2		1/2		1/2	
3/4	151,808	3/4	166,837	3/4	181,847	3/4	196,832	3/4	210,899	3/4		3/4		3/4		3/4		3/4	
3	152,121	3	167,150	3	182,159	3	197,145	3	211,079	3		3		3		3		3	
1/4	152,434	1/4	167,463	1/4	182,471	1/4	197,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,747	1/2	167,776	1/2	182,784	1/2	197,769	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,060	3/4	168,090	3/4	183,096	3/4	198,081	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,373	4	168,403	4	183,408	4	198,393	4		4		4		4		4		4	
1/4	153,687	1/4	168,716	1/4	183,720	1/4	198,706	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,000	1/2	169,029	1/2	184,032	1/2	199,018	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,313	3/4	169,342	3/4	184,345	3/4	199,330	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,626	5	169,655	5	184,657	5	199,642	5		5		5		5		5		5	
1/4	154,939	1/4	169,968	1/4	184,969	1/4	199,953	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,252	1/2	170,281	1/2	185,281	1/2	200,264	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,565	3/4	170,594	3/4	185,593	3/4	200,576	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,878	6	170,908	6	185,906	6	200,887	6		6		6		6		6		6	
1/4	156,191	1/4	171,221	1/4	186,218	1/4	201,197	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,505	1/2	171,534	1/2	186,530	1/2	201,507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,818	3/4	171,847	3/4	186,842	3/4	201,817	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,131	7	172,160	7	187,154	7	202,127	7		7		7		7		7		7	
1/4	157,444	1/4	172,473	1/4	187,467	1/4	202,437	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,757	1/2	172,786	1/2	187,779	1/2	202,747	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,070	3/4	173,099	3/4	188,091	3/4	203,057	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,383	8	173,412	8	188,403	8	203,367	8		8		8		8		8		8	
1/4	158,696	1/4	173,725	1/4	188,715	1/4	203,677	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,009	1/2	174,039	1/2	189,028	1/2	203,988	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,323	3/4	174,352	3/4	189,340	3/4	204,298	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,636	9	174,665	9	189,652	9	204,608	9		9		9		9		9		9	
1/4	159,949	1/4	174,977	1/4	189,964	1/4	204,918	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,262	1/2	175,290	1/2	190,276	1/2	205,228	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,575	3/4	175,603	3/4	190,589	3/4	205,538	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,888	10	175,915	10	190,901	10	205,848	10		10		10		10		10		10	
1/4	161,201	1/4	176,228	1/4	191,213	1/4	206,158	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,514	1/2	176,540	1/2	191,525	1/2	206,468	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,827	3/4	176,852	3/4	191,837	3/4	206,777	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,140	11	177,164	11	192,149	11	207,087	11		11		11		11		11		11	
1/4	162,454	1/4	177,476	1/4	192,462	1/4	207,393	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,767	1/2	177,789	1/2	192,774	1/2	207,699	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,080	3/4	178,101	3/4	193,086	3/4	208,005	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/16/2019 JS
CALCULATED: 09/17/2019 CL
PRINTED: 09/17/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

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



BARGE "HSM 3019"

1 STBD INNAGE 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	148,404	0	163,428	0	178,442	0	193,422	0	208,330	0		0		0		0		0	
1/4	148,717	1/4	163,741	1/4	178,754	1/4	193,734	1/4	208,610	1/4		1/4		1/4		1/4		1/4	
1/2	149,030	1/2	164,054	1/2	179,067	1/2	194,046	1/2	208,890	1/2		1/2		1/2		1/2		1/2	
3/4	149,343	3/4	164,367	3/4	179,379	3/4	194,358	3/4	209,170	3/4		3/4		3/4		3/4		3/4	
1	149,656	1	164,680	1	179,691	1	194,671	1	209,450	1		1		1		1		1	
1/4	149,969	1/4	164,993	1/4	180,003	1/4	194,983	1/4	209,682	1/4		1/4		1/4		1/4		1/4	
1/2	150,282	1/2	165,306	1/2	180,315	1/2	195,295	1/2	209,914	1/2		1/2		1/2		1/2		1/2	
3/4	150,595	3/4	165,619	3/4	180,627	3/4	195,607	3/4	210,146	3/4		3/4		3/4		3/4		3/4	
2	150,908	2	165,932	2	180,939	2	195,919	2	210,378	2		2		2		2		2	
1/4	151,221	1/4	166,245	1/4	181,251	1/4	196,231	1/4	210,557	1/4		1/4		1/4		1/4		1/4	
1/2	151,534	1/2	166,558	1/2	181,563	1/2	196,543	1/2	210,737	1/2		1/2		1/2		1/2		1/2	
3/4	151,847	3/4	166,871	3/4	181,875	3/4	196,855	3/4	210,916	3/4		3/4		3/4		3/4		3/4	
3	152,160	3	167,184	3	182,187	3	197,167	3	211,096	3		3		3		3		3	
1/4	152,473	1/4	167,497	1/4	182,499	1/4	197,479	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,786	1/2	167,810	1/2	182,811	1/2	197,791	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,099	3/4	168,123	3/4	183,124	3/4	198,103	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,412	4	168,436	4	183,436	4	198,415	4		4		4		4		4		4	
1/4	153,725	1/4	168,749	1/4	183,748	1/4	198,728	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,038	1/2	169,062	1/2	184,060	1/2	199,040	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,351	3/4	169,375	3/4	184,372	3/4	199,352	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,664	5	169,688	5	184,684	5	199,664	5		5		5		5		5		5	
1/4	154,977	1/4	170,001	1/4	184,996	1/4	199,975	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,290	1/2	170,314	1/2	185,308	1/2	200,286	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,603	3/4	170,627	3/4	185,620	3/4	200,597	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,916	6	170,940	6	185,932	6	200,908	6		6		6		6		6		6	
1/4	156,229	1/4	171,253	1/4	186,244	1/4	201,218	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,542	1/2	171,566	1/2	186,556	1/2	201,528	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,855	3/4	171,879	3/4	186,869	3/4	201,838	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,168	7	172,192	7	187,181	7	202,148	7		7		7		7		7		7	
1/4	157,481	1/4	172,505	1/4	187,493	1/4	202,458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,794	1/2	172,818	1/2	187,805	1/2	202,768	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,107	3/4	173,131	3/4	188,117	3/4	203,078	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,420	8	173,444	8	188,429	8	203,388	8		8		8		8		8		8	
1/4	158,733	1/4	173,757	1/4	188,741	1/4	203,698	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,046	1/2	174,070	1/2	189,053	1/2	204,008	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,359	3/4	174,383	3/4	189,365	3/4	204,318	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,672	9	174,696	9	189,677	9	204,628	9		9		9		9		9		9	
1/4	159,985	1/4	175,008	1/4	189,989	1/4	204,938	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,298	1/2	175,321	1/2	190,301	1/2	205,248	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,611	3/4	175,633	3/4	190,613	3/4	205,558	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,924	10	175,946	10	190,926	10	205,868	10		10		10		10		10		10	
1/4	161,237	1/4	176,258	1/4	191,238	1/4	206,177	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,550	1/2	176,570	1/2	191,550	1/2	206,487	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,863	3/4	176,882	3/4	191,862	3/4	206,797	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,176	11	177,194	11	192,174	11	207,106	11		11		11		11		11		11	
1/4	162,489	1/4	177,506	1/4	192,486	1/4	207,412	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,802	1/2	177,818	1/2	192,798	1/2	207,718	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,115	3/4	178,130	3/4	193,110	3/4	208,024	3/4		3/4		3/4		3/4		3/4		3/4	

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BARGE "HSM 3019"

2 PORT INNAGE 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	150,290	0	165,368	0	180,434	0	195,460	0	210,390	0		0		0		0		0	
1/4	150,604	1/4	165,682	1/4	180,747	1/4	195,774	1/4	210,670	1/4		1/4		1/4		1/4		1/4	
1/2	150,918	1/2	165,996	1/2	181,060	1/2	196,087	1/2	210,950	1/2		1/2		1/2		1/2		1/2	
3/4	151,233	3/4	166,310	3/4	181,373	3/4	196,400	3/4	211,230	3/4		3/4		3/4		3/4		3/4	
1	151,547	1	166,624	1	181,686	1	196,713	1	211,510	1		1		1		1		1	
1/4	151,861	1/4	166,938	1/4	182,000	1/4	197,026	1/4	211,742	1/4		1/4		1/4		1/4		1/4	
1/2	152,175	1/2	167,252	1/2	182,313	1/2	197,339	1/2	211,973	1/2		1/2		1/2		1/2		1/2	
3/4	152,489	3/4	167,566	3/4	182,626	3/4	197,652	3/4	212,205	3/4		3/4		3/4		3/4		3/4	
2	152,803	2	167,880	2	182,939	2	197,965	2	212,436	2		2		2		2		2	
1/4	153,117	1/4	168,195	1/4	183,252	1/4	198,278	1/4	212,615	1/4		1/4		1/4		1/4		1/4	
1/2	153,431	1/2	168,509	1/2	183,565	1/2	198,591	1/2	212,795	1/2		1/2		1/2		1/2		1/2	
3/4	153,745	3/4	168,823	3/4	183,878	3/4	198,904	3/4	212,974	3/4		3/4		3/4		3/4		3/4	
3	154,060	3	169,137	3	184,191	3	199,217	3	213,153	3		3		3		3		3	
1/4	154,374	1/4	169,451	1/4	184,504	1/4	199,530	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,688	1/2	169,765	1/2	184,817	1/2	199,843	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,002	3/4	170,079	3/4	185,130	3/4	200,156	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,316	4	170,393	4	185,443	4	200,469	4		4		4		4		4		4	
1/4	155,630	1/4	170,707	1/4	185,756	1/4	200,782	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,944	1/2	171,022	1/2	186,069	1/2	201,095	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,258	3/4	171,336	3/4	186,382	3/4	201,408	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,572	5	171,650	5	186,695	5	201,721	5		5		5		5		5		5	
1/4	156,887	1/4	171,964	1/4	187,008	1/4	202,033	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,201	1/2	172,278	1/2	187,321	1/2	202,344	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,515	3/4	172,592	3/4	187,634	3/4	202,656	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,829	6	172,906	6	187,947	6	202,967	6		6		6		6		6		6	
1/4	158,143	1/4	173,220	1/4	188,260	1/4	203,277	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,457	1/2	173,534	1/2	188,573	1/2	203,587	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,771	3/4	173,849	3/4	188,887	3/4	203,897	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,085	7	174,163	7	189,200	7	204,207	7		7		7		7		7		7	
1/4	159,399	1/4	174,477	1/4	189,513	1/4	204,517	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,714	1/2	174,791	1/2	189,826	1/2	204,827	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,028	3/4	175,105	3/4	190,139	3/4	205,137	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,342	8	175,419	8	190,452	8	205,447	8		8		8		8		8		8	
1/4	160,656	1/4	175,733	1/4	190,765	1/4	205,757	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,970	1/2	176,047	1/2	191,078	1/2	206,067	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,284	3/4	176,362	3/4	191,391	3/4	206,378	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,598	9	176,676	9	191,704	9	206,688	9		9		9		9		9		9	
1/4	161,912	1/4	176,989	1/4	192,017	1/4	206,998	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,226	1/2	177,303	1/2	192,330	1/2	207,308	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,541	3/4	177,616	3/4	192,643	3/4	207,618	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,855	10	177,930	10	192,956	10	207,928	10		10		10		10		10		10	
1/4	163,169	1/4	178,243	1/4	193,269	1/4	208,237	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,483	1/2	178,556	1/2	193,582	1/2	208,547	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,797	3/4	178,869	3/4	193,895	3/4	208,856	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,111	11	179,182	11	194,208	11	209,166	11		11		11		11		11		11	
1/4	164,425	1/4	179,495	1/4	194,521	1/4	209,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,739	1/2	179,808	1/2	194,834	1/2	209,778	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,053	3/4	180,121	3/4	195,147	3/4	210,084	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/16/2019 JS
CALCULATED: 09/17/2019 CL
PRINTED: 09/17/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

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



BARGE "HSM 3019"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-06"

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	151,368	0	166,440	0	181,501	0	196,522	0	211,445	0		0		0		0		0	
1/4	151,682	1/4	166,754	1/4	181,814	1/4	196,835	1/4	211,726	1/4		1/4		1/4		1/4		1/4	
1/2	151,996	1/2	167,068	1/2	182,127	1/2	197,148	1/2	212,006	1/2		1/2		1/2		1/2		1/2	
3/4	152,310	3/4	167,382	3/4	182,440	3/4	197,460	3/4	212,286	3/4		3/4		3/4		3/4		3/4	
1	152,624	1	167,696	1	182,753	1	197,773	1	212,566	1		1		1		1		1	
1/4	152,938	1/4	168,010	1/4	183,066	1/4	198,086	1/4	212,797	1/4		1/4		1/4		1/4		1/4	
1/2	153,252	1/2	168,324	1/2	183,379	1/2	198,399	1/2	213,028	1/2		1/2		1/2		1/2		1/2	
3/4	153,566	3/4	168,638	3/4	183,691	3/4	198,712	3/4	213,260	3/4		3/4		3/4		3/4		3/4	
2	153,880	2	168,952	2	184,004	2	199,025	2	213,491	2		2		2		2		2	
1/4	154,194	1/4	169,266	1/4	184,317	1/4	199,338	1/4	213,670	1/4		1/4		1/4		1/4		1/4	
1/2	154,508	1/2	169,580	1/2	184,630	1/2	199,651	1/2	213,850	1/2		1/2		1/2		1/2		1/2	
3/4	154,822	3/4	169,894	3/4	184,943	3/4	199,964	3/4	214,029	3/4		3/4		3/4		3/4		3/4	
3	155,136	3	170,208	3	185,256	3	200,277	3	214,208	3		3		3		3		3	
1/4	155,450	1/4	170,522	1/4	185,569	1/4	200,590	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,764	1/2	170,836	1/2	185,882	1/2	200,903	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,078	3/4	171,150	3/4	186,195	3/4	201,216	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,392	4	171,464	4	186,508	4	201,529	4		4		4		4		4		4	
1/4	156,706	1/4	171,778	1/4	186,821	1/4	201,842	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,020	1/2	172,092	1/2	187,134	1/2	202,154	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,334	3/4	172,406	3/4	187,447	3/4	202,467	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,648	5	172,720	5	187,760	5	202,780	5		5		5		5		5		5	
1/4	157,962	1/4	173,034	1/4	188,072	1/4	203,092	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,276	1/2	173,348	1/2	188,385	1/2	203,403	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,590	3/4	173,662	3/4	188,698	3/4	203,714	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,904	6	173,976	6	189,011	6	204,026	6		6		6		6		6		6	
1/4	159,218	1/4	174,290	1/4	189,324	1/4	204,336	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,532	1/2	174,604	1/2	189,637	1/2	204,646	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,846	3/4	174,918	3/4	189,950	3/4	204,955	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,160	7	175,232	7	190,263	7	205,265	7		7		7		7		7		7	
1/4	160,474	1/4	175,546	1/4	190,576	1/4	205,575	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,788	1/2	175,860	1/2	190,889	1/2	205,885	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,102	3/4	176,174	3/4	191,202	3/4	206,195	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,416	8	176,488	8	191,515	8	206,505	8		8		8		8		8		8	
1/4	161,730	1/4	176,802	1/4	191,828	1/4	206,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,044	1/2	177,116	1/2	192,141	1/2	207,125	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,358	3/4	177,430	3/4	192,454	3/4	207,435	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,672	9	177,744	9	192,766	9	207,745	9		9		9		9		9		9	
1/4	162,986	1/4	178,057	1/4	193,079	1/4	208,055	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,300	1/2	178,371	1/2	193,392	1/2	208,365	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,614	3/4	178,684	3/4	193,705	3/4	208,674	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,928	10	178,997	10	194,018	10	208,984	10		10		10		10		10		10	
1/4	164,242	1/4	179,310	1/4	194,331	1/4	209,294	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,556	1/2	179,623	1/2	194,644	1/2	209,603	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,870	3/4	179,936	3/4	194,957	3/4	209,913	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,184	11	180,249	11	195,270	11	210,222	11		11		11		11		11		11	
1/4	165,498	1/4	180,562	1/4	195,583	1/4	210,528	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,812	1/2	180,875	1/2	195,896	1/2	210,834	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,126	3/4	181,188	3/4	196,209	3/4	211,140	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 09/2019

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "HSM 3019"

3 PORT INNAGE 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	148,684	0	159,065	0	169,425	0	179,756	0	190,072	0		0		0		0		0	
1/4	148,904	1/4	159,281	1/4	169,640	1/4	179,971	1/4	190,265	1/4		1/4		1/4		1/4		1/4	
1/2	149,123	1/2	159,497	1/2	169,855	1/2	180,186	1/2	190,458	1/2		1/2		1/2		1/2		1/2	
3/4	149,343	3/4	159,713	3/4	170,071	3/4	180,401	3/4	190,651	3/4		3/4		3/4		3/4		3/4	
1	149,562	1	159,929	1	170,286	1	180,617	1	190,844	1		1		1		1		1	
1/4	149,778	1/4	160,145	1/4	170,501	1/4	180,832	1/4	191,004	1/4		1/4		1/4		1/4		1/4	
1/2	149,994	1/2	160,361	1/2	170,716	1/2	181,047	1/2	191,163	1/2		1/2		1/2		1/2		1/2	
3/4	150,210	3/4	160,577	3/4	170,932	3/4	181,262	3/4	191,323	3/4		3/4		3/4		3/4		3/4	
2	150,426	2	160,793	2	171,147	2	181,478	2	191,483	2		2		2		2		2	
1/4	150,642	1/4	161,009	1/4	171,362	1/4	181,693	1/4	191,606	1/4		1/4		1/4		1/4		1/4	
1/2	150,858	1/2	161,225	1/2	171,577	1/2	181,908	1/2	191,730	1/2		1/2		1/2		1/2		1/2	
3/4	151,074	3/4	161,441	3/4	171,792	3/4	182,123	3/4	191,854	3/4		3/4		3/4		3/4		3/4	
3	151,290	3	161,657	3	172,008	3	182,338	3	191,977	3		3		3		3		3	
1/4	151,506	1/4	161,873	1/4	172,223	1/4	182,554	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,722	1/2	162,089	1/2	172,438	1/2	182,769	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	151,938	3/4	162,305	3/4	172,653	3/4	182,984	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,154	4	162,521	4	172,869	4	183,199	4		4		4		4		4		4	
1/4	152,370	1/4	162,737	1/4	173,084	1/4	183,415	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,586	1/2	162,953	1/2	173,299	1/2	183,630	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,802	3/4	163,169	3/4	173,514	3/4	183,845	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,018	5	163,385	5	173,729	5	184,060	5		5		5		5		5		5	
1/4	153,234	1/4	163,601	1/4	173,945	1/4	184,275	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,450	1/2	163,817	1/2	174,160	1/2	184,491	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,666	3/4	164,033	3/4	174,375	3/4	184,706	3/4		3/4		3/4		3/4		3/4		3/4	
6	153,882	6	164,249	6	174,590	6	184,921	6		6		6		6		6		6	
1/4	154,098	1/4	164,465	1/4	174,806	1/4	185,136	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,314	1/2	164,681	1/2	175,021	1/2	185,352	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,530	3/4	164,897	3/4	175,236	3/4	185,567	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,746	7	165,113	7	175,451	7	185,782	7		7		7		7		7		7	
1/4	154,962	1/4	165,329	1/4	175,666	1/4	185,997	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,178	1/2	165,545	1/2	175,882	1/2	186,213	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,394	3/4	165,761	3/4	176,097	3/4	186,428	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,610	8	165,977	8	176,312	8	186,643	8		8		8		8		8		8	
1/4	155,826	1/4	166,193	1/4	176,527	1/4	186,858	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,042	1/2	166,409	1/2	176,743	1/2	187,074	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,258	3/4	166,625	3/4	176,958	3/4	187,289	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,474	9	166,841	9	177,173	9	187,504	9		9		9		9		9		9	
1/4	156,690	1/4	167,056	1/4	177,388	1/4	187,720	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,906	1/2	167,272	1/2	177,603	1/2	187,935	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,121	3/4	167,488	3/4	177,819	3/4	188,150	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,337	10	167,703	10	178,034	10	188,366	10		10		10		10		10		10	
1/4	157,553	1/4	167,918	1/4	178,249	1/4	188,581	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,769	1/2	168,134	1/2	178,464	1/2	188,796	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,985	3/4	168,349	3/4	178,680	3/4	189,011	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,201	11	168,564	11	178,895	11	189,225	11		11		11		11		11		11	
1/4	158,417	1/4	168,779	1/4	179,110	1/4	189,437	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,633	1/2	168,995	1/2	179,325	1/2	189,649	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,849	3/4	169,210	3/4	179,541	3/4	189,860	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/16/2019 JS
CALCULATED: 09/17/2019 CL
PRINTED: 09/17/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

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



BARGE "HSM 3019"

3 STBD INNAGE 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	149,854	0	160,245	0	170,614	0	180,954	0	191,280	0		0		0		0		0	
1/4	150,074	1/4	160,461	1/4	170,830	1/4	181,170	1/4	191,473	1/4		1/4		1/4		1/4		1/4	
1/2	150,293	1/2	160,677	1/2	171,045	1/2	181,385	1/2	191,667	1/2		1/2		1/2		1/2		1/2	
3/4	150,513	3/4	160,894	3/4	171,260	3/4	181,601	3/4	191,860	3/4		3/4		3/4		3/4		3/4	
1	150,733	1	161,110	1	171,476	1	181,816	1	192,053	1		1		1		1		1	
1/4	150,949	1/4	161,326	1/4	171,691	1/4	182,032	1/4	192,213	1/4		1/4		1/4		1/4		1/4	
1/2	151,165	1/2	161,542	1/2	171,907	1/2	182,247	1/2	192,373	1/2		1/2		1/2		1/2		1/2	
3/4	151,381	3/4	161,758	3/4	172,122	3/4	182,462	3/4	192,532	3/4		3/4		3/4		3/4		3/4	
2	151,598	2	161,974	2	172,338	2	182,678	2	192,692	2		2		2		2		2	
1/4	151,814	1/4	162,191	1/4	172,553	1/4	182,893	1/4	192,816	1/4		1/4		1/4		1/4		1/4	
1/2	152,030	1/2	162,407	1/2	172,768	1/2	183,109	1/2	192,940	1/2		1/2		1/2		1/2		1/2	
3/4	152,246	3/4	162,623	3/4	172,984	3/4	183,324	3/4	193,064	3/4		3/4		3/4		3/4		3/4	
3	152,462	3	162,839	3	173,199	3	183,540	3	193,187	3		3		3		3		3	
1/4	152,679	1/4	163,055	1/4	173,415	1/4	183,755	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,895	1/2	163,272	1/2	173,630	1/2	183,970	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,111	3/4	163,488	3/4	173,846	3/4	184,186	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,327	4	163,704	4	174,061	4	184,401	4		4		4		4		4		4	
1/4	153,543	1/4	163,920	1/4	174,276	1/4	184,617	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,760	1/2	164,136	1/2	174,492	1/2	184,832	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,976	3/4	164,352	3/4	174,707	3/4	185,047	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,192	5	164,569	5	174,923	5	185,263	5		5		5		5		5		5	
1/4	154,408	1/4	164,785	1/4	175,138	1/4	185,478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,624	1/2	165,001	1/2	175,353	1/2	185,694	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,840	3/4	165,217	3/4	175,569	3/4	185,909	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,057	6	165,433	6	175,784	6	186,125	6		6		6		6		6		6	
1/4	155,273	1/4	165,650	1/4	176,000	1/4	186,340	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,489	1/2	165,866	1/2	176,215	1/2	186,555	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,705	3/4	166,082	3/4	176,431	3/4	186,771	3/4		3/4		3/4		3/4		3/4		3/4	
7	155,921	7	166,298	7	176,646	7	186,986	7		7		7		7		7		7	
1/4	156,138	1/4	166,514	1/4	176,861	1/4	187,202	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,354	1/2	166,731	1/2	177,077	1/2	187,417	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,570	3/4	166,947	3/4	177,292	3/4	187,633	3/4		3/4		3/4		3/4		3/4		3/4	
8	156,786	8	167,163	8	177,508	8	187,848	8		8		8		8		8		8	
1/4	157,002	1/4	167,379	1/4	177,723	1/4	188,064	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,218	1/2	167,595	1/2	177,939	1/2	188,279	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,435	3/4	167,811	3/4	178,154	3/4	188,495	3/4		3/4		3/4		3/4		3/4		3/4	
9	157,651	9	168,028	9	178,369	9	188,710	9		9		9		9		9		9	
1/4	157,867	1/4	168,243	1/4	178,585	1/4	188,926	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,083	1/2	168,459	1/2	178,800	1/2	189,141	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,299	3/4	168,675	3/4	179,016	3/4	189,357	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,516	10	168,891	10	179,231	10	189,572	10		10		10		10		10		10	
1/4	158,732	1/4	169,106	1/4	179,447	1/4	189,787	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,948	1/2	169,322	1/2	179,662	1/2	190,003	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,164	3/4	169,537	3/4	179,877	3/4	190,218	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,380	11	169,753	11	180,093	11	190,433	11		11		11		11		11		11	
1/4	159,596	1/4	169,968	1/4	180,308	1/4	190,645	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,813	1/2	170,183	1/2	180,524	1/2	190,857	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,029	3/4	170,399	3/4	180,739	3/4	191,068	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/16/2019 JS
CALCULATED: 09/17/2019 CL
PRINTED: 09/17/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HSM 3019"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 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	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: 09/16/2019 JS
CALCULATED: 09/17/2019 CL
PRINTED: 09/17/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HSM 3019"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07"

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.

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CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT

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



BARGE "HSM 3019"

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	

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