



# BARGE "HSM 3018"

## 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	00-0/8	- 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	00-1/8	- 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 9, 2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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<http://www.pmacorp.net>



# BARGE "HSM 3018"

## 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	00-0/8	- 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
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 9, 2019

PRECISION MEASUREMENT  
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# BARGE "HSM 3018"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 3/8"

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	474	0	13,418	0	28,368	0	43,409	0	58,387	0	73,386	0	88,428	0	103,469	0	118,505	0	133,540
1/4	651	1/4	13,720	1/4	28,682	1/4	43,722	1/4	58,698	1/4	73,700	1/4	88,741	1/4	103,782	1/4	118,818	1/4	133,853
1/2	829	1/2	14,022	1/2	28,995	1/2	44,036	1/2	59,009	1/2	74,013	1/2	89,054	1/2	104,095	1/2	119,132	1/2	134,166
3/4	1,006	3/4	14,324	3/4	29,308	3/4	44,349	3/4	59,320	3/4	74,326	3/4	89,368	3/4	104,409	3/4	119,445	3/4	134,479
1	1,214	1	14,627	1	29,622	1	44,662	1	59,631	1	74,640	1	89,681	1	104,722	1	119,758	1	134,793
1/4	1,453	1/4	14,933	1/4	29,935	1/4	44,976	1/4	59,942	1/4	74,953	1/4	89,994	1/4	105,035	1/4	120,071	1/4	135,106
1/2	1,692	1/2	15,239	1/2	30,248	1/2	45,289	1/2	60,253	1/2	75,267	1/2	90,308	1/2	105,349	1/2	120,384	1/2	135,419
3/4	1,931	3/4	15,544	3/4	30,562	3/4	45,602	3/4	60,564	3/4	75,580	3/4	90,621	3/4	105,662	3/4	120,698	3/4	135,732
2	2,181	2	15,852	2	30,875	2	45,916	2	60,875	2	75,893	2	90,934	2	105,976	2	121,011	2	136,046
1/4	2,443	1/4	16,161	1/4	31,188	1/4	46,229	1/4	61,186	1/4	76,207	1/4	91,248	1/4	106,289	1/4	121,324	1/4	136,359
1/2	2,706	1/2	16,471	1/2	31,502	1/2	46,543	1/2	61,497	1/2	76,520	1/2	91,561	1/2	106,602	1/2	121,637	1/2	136,672
3/4	2,968	3/4	16,780	3/4	31,815	3/4	46,856	3/4	61,808	3/4	76,833	3/4	91,874	3/4	106,916	3/4	121,951	3/4	136,985
3	3,232	3	17,091	3	32,129	3	47,169	3	62,119	3	77,147	3	92,188	3	107,229	3	122,264	3	137,298
1/4	3,499	1/4	17,404	1/4	32,442	1/4	47,483	1/4	62,430	1/4	77,460	1/4	92,501	1/4	107,542	1/4	122,577	1/4	137,612
1/2	3,766	1/2	17,716	1/2	32,755	1/2	47,796	1/2	62,741	1/2	77,773	1/2	92,815	1/2	107,856	1/2	122,890	1/2	137,925
3/4	4,033	3/4	18,028	3/4	33,069	3/4	48,109	3/4	63,052	3/4	78,087	3/4	93,128	3/4	108,169	3/4	123,203	3/4	138,238
4	4,302	4	18,341	4	33,382	4	48,422	4	63,364	4	78,400	4	93,441	4	108,482	4	123,517	4	138,551
1/4	4,573	1/4	18,655	1/4	33,695	1/4	48,735	1/4	63,676	1/4	78,713	1/4	93,755	1/4	108,795	1/4	123,830	1/4	138,865
1/2	4,843	1/2	18,968	1/2	34,009	1/2	49,048	1/2	63,988	1/2	79,027	1/2	94,068	1/2	109,109	1/2	124,143	1/2	139,178
3/4	5,114	3/4	19,281	3/4	34,322	3/4	49,360	3/4	64,300	3/4	79,340	3/4	94,381	3/4	109,422	3/4	124,456	3/4	139,491
5	5,387	5	19,595	5	34,635	5	49,672	5	64,613	5	79,654	5	94,695	5	109,735	5	124,770	5	139,804
1/4	5,662	1/4	19,908	1/4	34,949	1/4	49,984	1/4	64,926	1/4	79,967	1/4	95,008	1/4	110,048	1/4	125,083	1/4	140,117
1/2	5,937	1/2	20,221	1/2	35,262	1/2	50,296	1/2	65,239	1/2	80,280	1/2	95,321	1/2	110,361	1/2	125,396	1/2	140,431
3/4	6,211	3/4	20,535	3/4	35,575	3/4	50,608	3/4	65,553	3/4	80,594	3/4	95,635	3/4	110,675	3/4	125,709	3/4	140,744
6	6,488	6	20,848	6	35,889	6	50,920	6	65,866	6	80,907	6	95,948	6	110,988	6	126,022	6	141,057
1/4	6,767	1/4	21,161	1/4	36,202	1/4	51,232	1/4	66,179	1/4	81,220	1/4	96,261	1/4	111,301	1/4	126,336	1/4	141,370
1/2	7,045	1/2	21,475	1/2	36,515	1/2	51,543	1/2	66,493	1/2	81,534	1/2	96,575	1/2	111,614	1/2	126,649	1/2	141,684
3/4	7,324	3/4	21,788	3/4	36,829	3/4	51,855	3/4	66,806	3/4	81,847	3/4	96,888	3/4	111,928	3/4	126,962	3/4	141,997
7	7,605	7	22,101	7	37,142	7	52,166	7	67,119	7	82,160	7	97,202	7	112,241	7	127,275	7	142,310
1/4	7,887	1/4	22,415	1/4	37,455	1/4	52,478	1/4	67,433	1/4	82,474	1/4	97,515	1/4	112,554	1/4	127,589	1/4	142,623
1/2	8,170	1/2	22,728	1/2	37,769	1/2	52,789	1/2	67,746	1/2	82,787	1/2	97,828	1/2	112,867	1/2	127,902	1/2	142,936
3/4	8,452	3/4	23,041	3/4	38,082	3/4	53,100	3/4	68,059	3/4	83,100	3/4	98,142	3/4	113,180	3/4	128,215	3/4	143,250
8	8,736	8	23,355	8	38,395	8	53,411	8	68,373	8	83,414	8	98,455	8	113,494	8	128,528	8	143,563
1/4	9,023	1/4	23,668	1/4	38,709	1/4	53,722	1/4	68,686	1/4	83,727	1/4	98,768	1/4	113,807	1/4	128,841	1/4	143,876
1/2	9,309	1/2	23,982	1/2	39,022	1/2	54,033	1/2	68,999	1/2	84,041	1/2	99,082	1/2	114,120	1/2	129,155	1/2	144,189
3/4	9,596	3/4	24,295	3/4	39,336	3/4	54,344	3/4	69,313	3/4	84,354	3/4	99,395	3/4	114,433	3/4	129,468	3/4	144,503
9	9,884	9	24,608	9	39,649	9	54,655	9	69,626	9	84,667	9	99,708	9	114,747	9	129,781	9	144,816
1/4	10,174	1/4	24,922	1/4	39,962	1/4	54,966	1/4	69,939	1/4	84,981	1/4	100,022	1/4	115,060	1/4	130,094	1/4	145,129
1/2	10,464	1/2	25,235	1/2	40,276	1/2	55,277	1/2	70,253	1/2	85,294	1/2	100,335	1/2	115,373	1/2	130,408	1/2	145,442
3/4	10,754	3/4	25,548	3/4	40,589	3/4	55,588	3/4	70,566	3/4	85,607	3/4	100,648	3/4	115,686	3/4	130,721	3/4	145,755
10	11,047	10	25,862	10	40,902	10	55,899	10	70,880	10	85,921	10	100,962	10	115,999	10	131,034	10	146,069
1/4	11,341	1/4	26,175	1/4	41,216	1/4	56,210	1/4	71,193	1/4	86,234	1/4	101,275	1/4	116,313	1/4	131,347	1/4	146,382
1/2	11,635	1/2	26,488	1/2	41,529	1/2	56,521	1/2	71,506	1/2	86,547	1/2	101,589	1/2	116,626	1/2	131,660	1/2	146,695
3/4	11,929	3/4	26,802	3/4	41,842	3/4	56,832	3/4	71,820	3/4	86,861	3/4	101,902	3/4	116,939	3/4	131,974	3/4	147,008
11	12,225	11	27,115	11	42,156	11	57,143	11	72,133	11	87,174	11	102,215	11	117,252	11	132,287	11	147,322
1/4	12,523	1/4	27,428	1/4	42,469	1/4	57,454	1/4	72,446	1/4	87,487	1/4	102,529	1/4	117,566	1/4	132,600	1/4	147,635
1/2	12,821	1/2	27,742	1/2	42,782	1/2	57,765	1/2	72,760	1/2	87,801	1/2	102,842	1/2	117,879	1/2	132,913	1/2	147,948
3/4	13,118	3/4	28,055	3/4	43,096	3/4	58,076	3/4	73,073	3/4	88,114	3/4	103,155	3/4	118,192	3/4	133,227	3/4	148,261

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 THREADS ON "MMC" VALVE OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD

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## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 3/8"

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	148,574	0	163,609	0	178,634	0	193,625	0	208,527	0		0		0		0		0	
1/4	148,888	1/4	163,922	1/4	178,946	1/4	193,937	1/4	208,808	1/4		1/4		1/4		1/4		1/4	
1/2	149,201	1/2	164,236	1/2	179,259	1/2	194,250	1/2	209,088	1/2		1/2		1/2		1/2		1/2	
3/4	149,514	3/4	164,549	3/4	179,571	3/4	194,562	3/4	209,368	3/4		3/4		3/4		3/4		3/4	
1	149,827	1	164,862	1	179,883	1	194,874	1	209,625	1		1		1		1		1	
1/4	150,141	1/4	165,175	1/4	180,196	1/4	195,186	1/4	209,857	1/4		1/4		1/4		1/4		1/4	
1/2	150,454	1/2	165,488	1/2	180,508	1/2	195,499	1/2	210,089	1/2		1/2		1/2		1/2		1/2	
3/4	150,767	3/4	165,802	3/4	180,820	3/4	195,811	3/4	210,321	3/4		3/4		3/4		3/4		3/4	
2	151,080	2	166,115	2	181,133	2	196,123	2	210,526	2		2		2		2		2	
1/4	151,393	1/4	166,428	1/4	181,445	1/4	196,436	1/4	210,706	1/4		1/4		1/4		1/4		1/4	
1/2	151,707	1/2	166,741	1/2	181,757	1/2	196,748	1/2	210,886	1/2		1/2		1/2		1/2		1/2	
3/4	152,020	3/4	167,055	3/4	182,069	3/4	197,060	3/4	211,066	3/4		3/4		3/4		3/4		3/4	
3	152,333	3	167,368	3	182,382	3	197,373	278	211,155	3		3		3		3		3	
1/4	152,646	1/4	167,681	1/4	182,694	1/4	197,685	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,960	1/2	167,994	1/2	183,006	1/2	197,997	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,273	3/4	168,307	3/4	183,319	3/4	198,310	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,586	4	168,621	4	183,631	4	198,622	4		4		4		4		4		4	
1/4	153,899	1/4	168,934	1/4	183,943	1/4	198,934	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,212	1/2	169,247	1/2	184,256	1/2	199,246	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,526	3/4	169,560	3/4	184,568	3/4	199,559	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,839	5	169,874	5	184,880	5	199,871	5		5		5		5		5		5	
1/4	155,152	1/4	170,187	1/4	185,193	1/4	200,182	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,465	1/2	170,500	1/2	185,505	1/2	200,493	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,779	3/4	170,813	3/4	185,817	3/4	200,804	3/4		3/4		3/4		3/4		3/4		3/4	
6	156,092	6	171,126	6	186,129	6	201,115	6		6		6		6		6		6	
1/4	156,405	1/4	171,440	1/4	186,442	1/4	201,425	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,718	1/2	171,753	1/2	186,754	1/2	201,735	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,031	3/4	172,066	3/4	187,066	3/4	202,045	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,345	7	172,379	7	187,379	7	202,356	7		7		7		7		7		7	
1/4	157,658	1/4	172,693	1/4	187,691	1/4	202,666	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,971	1/2	173,006	1/2	188,003	1/2	202,976	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,284	3/4	173,319	3/4	188,316	3/4	203,286	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,598	8	173,632	8	188,628	8	203,597	8		8		8		8		8		8	
1/4	158,911	1/4	173,945	1/4	188,940	1/4	203,907	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,224	1/2	174,259	1/2	189,253	1/2	204,217	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,537	3/4	174,572	3/4	189,565	3/4	204,527	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,850	9	174,885	9	189,877	9	204,838	9		9		9		9		9		9	
1/4	160,164	1/4	175,198	1/4	190,190	1/4	205,148	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,477	1/2	175,510	1/2	190,502	1/2	205,458	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,790	3/4	175,823	3/4	190,814	3/4	205,768	3/4		3/4		3/4		3/4		3/4		3/4	
10	161,103	10	176,136	10	191,126	10	206,078	10		10		10		10		10		10	
1/4	161,417	1/4	176,448	1/4	191,439	1/4	206,388	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,730	1/2	176,760	1/2	191,751	1/2	206,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,043	3/4	177,073	3/4	192,063	3/4	207,008	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,356	11	177,385	11	192,376	11	207,316	11		11		11		11		11		11	
1/4	162,669	1/4	177,697	1/4	192,688	1/4	207,622	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,983	1/2	178,009	1/2	193,000	1/2	207,928	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,296	3/4	178,322	3/4	193,313	3/4	208,234	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2019 JS  
CALCULATED: 09/09/2019 CL  
REPRINTED: 10/10/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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



# BARGE "HSM 3018"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 3/8"

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	474	0	13,412	0	28,354	0	43,387	0	58,416	0	73,447	0	88,480	0	103,514	0	118,543	0	133,570
1/4	651	1/4	13,713	1/4	28,667	1/4	43,700	1/4	58,729	1/4	73,760	1/4	88,793	1/4	103,827	1/4	118,856	1/4	133,883
1/2	828	1/2	14,015	1/2	28,981	1/2	44,014	1/2	59,042	1/2	74,073	1/2	89,107	1/2	104,140	1/2	119,169	1/2	134,196
3/4	1,005	3/4	14,317	3/4	29,294	3/4	44,327	3/4	59,355	3/4	74,386	3/4	89,420	3/4	104,453	3/4	119,482	3/4	134,509
1	1,213	1	14,620	1	29,607	1	44,640	1	59,668	1	74,699	1	89,733	1	104,767	1	119,795	1	134,822
1/4	1,452	1/4	14,926	1/4	29,920	1/4	44,953	1/4	59,981	1/4	75,013	1/4	90,046	1/4	105,080	1/4	120,108	1/4	135,135
1/2	1,691	1/2	15,231	1/2	30,233	1/2	45,266	1/2	60,294	1/2	75,326	1/2	90,359	1/2	105,393	1/2	120,421	1/2	135,448
3/4	1,930	3/4	15,537	3/4	30,546	3/4	45,580	3/4	60,607	3/4	75,639	3/4	90,673	3/4	105,706	3/4	120,734	3/4	135,761
2	2,180	2	15,844	2	30,860	2	45,893	2	60,920	2	75,952	2	90,986	2	106,019	2	121,047	2	136,074
1/4	2,442	1/4	16,153	1/4	31,173	1/4	46,206	1/4	61,233	1/4	76,265	1/4	91,299	1/4	106,333	1/4	121,360	1/4	136,387
1/2	2,704	1/2	16,463	1/2	31,486	1/2	46,519	1/2	61,546	1/2	76,579	1/2	91,612	1/2	106,646	1/2	121,673	1/2	136,700
3/4	2,966	3/4	16,772	3/4	31,799	3/4	46,832	3/4	61,859	3/4	76,892	3/4	91,925	3/4	106,959	3/4	121,986	3/4	137,013
3	3,231	3	17,083	3	32,112	3	47,145	3	62,172	3	77,205	3	92,239	3	107,272	3	122,299	3	137,326
1/4	3,498	1/4	17,395	1/4	32,426	1/4	47,459	1/4	62,485	1/4	77,518	1/4	92,552	1/4	107,585	1/4	122,612	1/4	137,639
1/2	3,764	1/2	17,707	1/2	32,739	1/2	47,772	1/2	62,798	1/2	77,831	1/2	92,865	1/2	107,898	1/2	122,925	1/2	137,953
3/4	4,031	3/4	18,019	3/4	33,052	3/4	48,085	3/4	63,111	3/4	78,145	3/4	93,178	3/4	108,211	3/4	123,239	3/4	138,266
4	4,300	4	18,332	4	33,365	4	48,398	4	63,424	4	78,458	4	93,491	4	108,525	4	123,552	4	138,579
1/4	4,570	1/4	18,645	1/4	33,678	1/4	48,711	1/4	63,738	1/4	78,771	1/4	93,805	1/4	108,838	1/4	123,865	1/4	138,892
1/2	4,841	1/2	18,958	1/2	33,992	1/2	49,025	1/2	64,051	1/2	79,084	1/2	94,118	1/2	109,151	1/2	124,178	1/2	139,205
3/4	5,112	3/4	19,272	3/4	34,305	3/4	49,338	3/4	64,364	3/4	79,397	3/4	94,431	3/4	109,464	3/4	124,491	3/4	139,518
5	5,385	5	19,585	5	34,618	5	49,651	5	64,677	5	79,711	5	94,744	5	109,777	5	124,804	5	139,831
1/4	5,659	1/4	19,898	1/4	34,931	1/4	49,964	1/4	64,990	1/4	80,024	1/4	95,057	1/4	110,090	1/4	125,117	1/4	140,144
1/2	5,934	1/2	20,211	1/2	35,244	1/2	50,277	1/2	65,303	1/2	80,337	1/2	95,371	1/2	110,403	1/2	125,430	1/2	140,457
3/4	6,208	3/4	20,524	3/4	35,557	3/4	50,591	3/4	65,617	3/4	80,650	3/4	95,684	3/4	110,716	3/4	125,743	3/4	140,770
6	6,485	6	20,838	6	35,871	6	50,904	6	65,930	6	80,963	6	95,997	6	111,029	6	126,056	6	141,083
1/4	6,763	1/4	21,151	1/4	36,184	1/4	51,217	1/4	66,243	1/4	81,277	1/4	96,310	1/4	111,342	1/4	126,369	1/4	141,396
1/2	7,042	1/2	21,464	1/2	36,497	1/2	51,530	1/2	66,556	1/2	81,590	1/2	96,623	1/2	111,655	1/2	126,682	1/2	141,709
3/4	7,320	3/4	21,777	3/4	36,810	3/4	51,843	3/4	66,869	3/4	81,903	3/4	96,937	3/4	111,968	3/4	126,995	3/4	142,022
7	7,601	7	22,090	7	37,123	7	52,156	7	67,183	7	82,216	7	97,250	7	112,281	7	127,308	7	142,335
1/4	7,883	1/4	22,404	1/4	37,437	1/4	52,469	1/4	67,496	1/4	82,529	1/4	97,563	1/4	112,594	1/4	127,621	1/4	142,649
1/2	8,166	1/2	22,717	1/2	37,750	1/2	52,782	1/2	67,809	1/2	82,843	1/2	97,876	1/2	112,907	1/2	127,934	1/2	142,962
3/4	8,448	3/4	23,030	3/4	38,063	3/4	53,095	3/4	68,122	3/4	83,156	3/4	98,189	3/4	113,221	3/4	128,248	3/4	143,275
8	8,732	8	23,343	8	38,376	8	53,408	8	68,435	8	83,469	8	98,503	8	113,534	8	128,561	8	143,588
1/4	9,018	1/4	23,656	1/4	38,689	1/4	53,721	1/4	68,749	1/4	83,782	1/4	98,816	1/4	113,847	1/4	128,874	1/4	143,901
1/2	9,305	1/2	23,969	1/2	39,003	1/2	54,034	1/2	69,062	1/2	84,095	1/2	99,129	1/2	114,160	1/2	129,187	1/2	144,214
3/4	9,591	3/4	24,283	3/4	39,316	3/4	54,347	3/4	69,375	3/4	84,409	3/4	99,442	3/4	114,473	3/4	129,500	3/4	144,527
9	9,879	9	24,596	9	39,629	9	54,660	9	69,688	9	84,722	9	99,755	9	114,786	9	129,813	9	144,840
1/4	10,169	1/4	24,909	1/4	39,942	1/4	54,973	1/4	70,001	1/4	85,035	1/4	100,069	1/4	115,099	1/4	130,126	1/4	145,153
1/2	10,459	1/2	25,222	1/2	40,255	1/2	55,286	1/2	70,315	1/2	85,348	1/2	100,382	1/2	115,412	1/2	130,439	1/2	145,466
3/4	10,749	3/4	25,535	3/4	40,569	3/4	55,599	3/4	70,628	3/4	85,661	3/4	100,695	3/4	115,725	3/4	130,752	3/4	145,779
10	11,041	10	25,849	10	40,882	10	55,912	10	70,941	10	85,975	10	101,008	10	116,038	10	131,065	10	146,092
1/4	11,335	1/4	26,162	1/4	41,195	1/4	56,225	1/4	71,254	1/4	86,288	1/4	101,321	1/4	116,351	1/4	131,378	1/4	146,405
1/2	11,629	1/2	26,475	1/2	41,508	1/2	56,538	1/2	71,567	1/2	86,601	1/2	101,635	1/2	116,664	1/2	131,691	1/2	146,718
3/4	11,923	3/4	26,788	3/4	41,821	3/4	56,851	3/4	71,881	3/4	86,914	3/4	101,948	3/4	116,977	3/4	132,004	3/4	147,032
11	12,219	11	27,101	11	42,134	11	57,164	11	72,194	11	87,227	11	102,261	11	117,290	11	132,317	11	147,345
1/4	12,516	1/4	27,415	1/4	42,448	1/4	57,477	1/4	72,507	1/4	87,541	1/4	102,574	1/4	117,603	1/4	132,630	1/4	147,658
1/2	12,814	1/2	27,728	1/2	42,761	1/2	57,790	1/2	72,820	1/2	87,854	1/2	102,887	1/2	117,916	1/2	132,943	1/2	147,971
3/4	13,112	3/4	28,041	3/4	43,074	3/4	58,103	3/4	73,133	3/4	88,167	3/4	103,201	3/4	118,230	3/4	133,257	3/4	148,284

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 THREADS ON "MMC" VALVE OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HSM 3018"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 3/8"

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	148,597	0	163,624	0	178,642	0	193,625	0	208,520	0		0		0		0		0	
1/4	148,910	1/4	163,937	1/4	178,954	1/4	193,937	1/4	208,801	1/4		1/4		1/4		1/4		1/4	
1/2	149,223	1/2	164,250	1/2	179,266	1/2	194,250	1/2	209,081	1/2		1/2		1/2		1/2		1/2	
3/4	149,536	3/4	164,563	3/4	179,578	3/4	194,562	3/4	209,361	3/4		3/4		3/4		3/4		3/4	
1	149,849	1	164,876	1	179,890	1	194,874	1	209,617	1		1		1		1		1	
1/4	150,162	1/4	165,189	1/4	180,203	1/4	195,186	1/4	209,849	1/4		1/4		1/4		1/4		1/4	
1/2	150,475	1/2	165,503	1/2	180,515	1/2	195,498	1/2	210,081	1/2		1/2		1/2		1/2		1/2	
3/4	150,788	3/4	165,816	3/4	180,827	3/4	195,810	3/4	210,313	3/4		3/4		3/4		3/4		3/4	
2	151,101	2	166,129	2	181,139	2	196,123	2	210,519	2		2		2		2		2	
1/4	151,414	1/4	166,442	1/4	181,451	1/4	196,435	1/4	210,698	1/4		1/4		1/4		1/4		1/4	
1/2	151,728	1/2	166,755	1/2	181,763	1/2	196,747	1/2	210,878	1/2		1/2		1/2		1/2		1/2	
3/4	152,041	3/4	167,068	3/4	182,076	3/4	197,059	3/4	211,057	3/4		3/4		3/4		3/4		3/4	
3	152,354	3	167,381	3	182,388	3	197,371	278	211,147	3		3		3		3		3	
1/4	152,667	1/4	167,694	1/4	182,700	1/4	197,683	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,980	1/2	168,007	1/2	183,012	1/2	197,995	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,293	3/4	168,320	3/4	183,324	3/4	198,308	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,606	4	168,633	4	183,636	4	198,620	4		4		4		4		4		4	
1/4	153,919	1/4	168,946	1/4	183,948	1/4	198,932	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,232	1/2	169,259	1/2	184,261	1/2	199,244	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,545	3/4	169,572	3/4	184,573	3/4	199,556	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,858	5	169,886	5	184,885	5	199,868	5		5		5		5		5		5	
1/4	155,171	1/4	170,199	1/4	185,197	1/4	200,179	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,484	1/2	170,512	1/2	185,509	1/2	200,490	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,797	3/4	170,825	3/4	185,821	3/4	200,801	3/4		3/4		3/4		3/4		3/4		3/4	
6	156,110	6	171,138	6	186,134	6	201,112	6		6		6		6		6		6	
1/4	156,424	1/4	171,451	1/4	186,446	1/4	201,422	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,737	1/2	171,764	1/2	186,758	1/2	201,732	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,050	3/4	172,077	3/4	187,070	3/4	202,042	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,363	7	172,390	7	187,382	7	202,352	7		7		7		7		7		7	
1/4	157,676	1/4	172,703	1/4	187,694	1/4	202,662	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,989	1/2	173,016	1/2	188,006	1/2	202,972	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,302	3/4	173,329	3/4	188,319	3/4	203,282	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,615	8	173,642	8	188,631	8	203,592	8		8		8		8		8		8	
1/4	158,928	1/4	173,955	1/4	188,943	1/4	203,902	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,241	1/2	174,268	1/2	189,255	1/2	204,212	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,554	3/4	174,582	3/4	189,567	3/4	204,523	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,867	9	174,894	9	189,879	9	204,833	9		9		9		9		9		9	
1/4	160,180	1/4	175,207	1/4	190,192	1/4	205,143	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,493	1/2	175,520	1/2	190,504	1/2	205,453	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,807	3/4	175,832	3/4	190,816	3/4	205,763	3/4		3/4		3/4		3/4		3/4		3/4	
10	161,120	10	176,145	10	191,128	10	206,073	10		10		10		10		10		10	
1/4	161,433	1/4	176,457	1/4	191,440	1/4	206,382	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,746	1/2	176,769	1/2	191,752	1/2	206,692	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,059	3/4	177,081	3/4	192,064	3/4	207,002	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,372	11	177,393	11	192,377	11	207,309	11		11		11		11		11		11	
1/4	162,685	1/4	177,705	1/4	192,689	1/4	207,615	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,998	1/2	178,018	1/2	193,001	1/2	207,921	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,311	3/4	178,330	3/4	193,313	3/4	208,227	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2019 CL  
CALCULATED: 09/09/2019 CL  
REPRINTED: 10/10/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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# BARGE "HSM 3018"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/8"

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	1,150	0	15,862	0	30,933	0	45,627	0	60,121	0	74,989	0	90,063	0	105,137	0	120,205	0	135,272
1/4	1,385	1/4	16,176	1/4	31,247	1/4	45,928	1/4	60,423	1/4	75,303	1/4	90,377	1/4	105,451	1/4	120,519	1/4	135,586
1/2	1,621	1/2	16,490	1/2	31,561	1/2	46,229	1/2	60,725	1/2	75,617	1/2	90,691	1/2	105,765	1/2	120,833	1/2	135,899
3/4	1,856	3/4	16,804	3/4	31,875	3/4	46,531	3/4	61,028	3/4	75,931	3/4	91,005	3/4	106,079	3/4	121,147	3/4	136,213
1	2,121	1	17,118	1	32,189	1	46,832	1	61,330	1	76,245	1	91,319	1	106,393	1	121,461	1	136,527
1/4	2,415	1/4	17,432	1/4	32,503	1/4	47,133	1/4	61,632	1/4	76,559	1/4	91,633	1/4	106,707	1/4	121,775	1/4	136,841
1/2	2,708	1/2	17,746	1/2	32,817	1/2	47,434	1/2	61,934	1/2	76,873	1/2	91,947	1/2	107,021	1/2	122,089	1/2	137,155
3/4	3,002	3/4	18,060	3/4	33,131	3/4	47,736	3/4	62,237	3/4	77,187	3/4	92,261	3/4	107,335	3/4	122,402	3/4	137,469
2	3,305	2	18,374	2	33,445	2	48,037	2	62,539	2	77,501	2	92,575	2	107,649	2	122,716	2	137,783
1/4	3,618	1/4	18,688	1/4	33,759	1/4	48,339	1/4	62,841	1/4	77,815	1/4	92,889	1/4	107,963	1/4	123,030	1/4	138,097
1/2	3,931	1/2	19,002	1/2	34,073	1/2	48,640	1/2	63,143	1/2	78,129	1/2	93,203	1/2	108,277	1/2	123,344	1/2	138,410
3/4	4,244	3/4	19,316	3/4	34,387	3/4	48,942	3/4	63,446	3/4	78,443	3/4	93,517	3/4	108,591	3/4	123,658	3/4	138,724
3	4,558	3	19,630	3	34,701	3	49,243	3	63,748	3	78,757	3	93,831	3	108,905	3	123,972	3	139,038
1/4	4,871	1/4	19,944	1/4	35,015	1/4	49,545	1/4	64,050	1/4	79,071	1/4	94,145	1/4	109,219	1/4	124,286	1/4	139,352
1/2	5,185	1/2	20,258	1/2	35,329	1/2	49,846	1/2	64,353	1/2	79,385	1/2	94,459	1/2	109,533	1/2	124,600	1/2	139,666
3/4	5,499	3/4	20,572	3/4	35,643	3/4	50,148	3/4	64,655	3/4	79,699	3/4	94,773	3/4	109,847	3/4	124,913	3/4	139,980
4	5,813	4	20,886	4	35,955	4	50,449	4	64,960	4	80,013	4	95,087	4	110,161	4	125,227	4	140,294
1/4	6,127	1/4	21,200	1/4	36,263	1/4	50,751	1/4	65,268	1/4	80,327	1/4	95,401	1/4	110,475	1/4	125,541	1/4	140,608
1/2	6,441	1/2	21,514	1/2	36,571	1/2	51,053	1/2	65,576	1/2	80,641	1/2	95,715	1/2	110,789	1/2	125,855	1/2	140,922
3/4	6,755	3/4	21,828	3/4	36,879	3/4	51,355	3/4	65,885	3/4	80,956	3/4	96,030	3/4	111,103	3/4	126,169	3/4	141,235
5	7,069	5	22,142	5	37,184	5	51,657	5	66,196	5	81,270	5	96,344	5	111,416	5	126,483	5	141,549
1/4	7,383	1/4	22,456	1/4	37,486	1/4	51,960	1/4	66,510	1/4	81,584	1/4	96,658	1/4	111,730	1/4	126,797	1/4	141,863
1/2	7,697	1/2	22,770	1/2	37,789	1/2	52,262	1/2	66,824	1/2	81,898	1/2	96,972	1/2	112,044	1/2	127,111	1/2	142,177
3/4	8,011	3/4	23,084	3/4	38,091	3/4	52,564	3/4	67,138	3/4	82,212	3/4	97,286	3/4	112,358	3/4	127,425	3/4	142,491
6	8,325	6	23,399	6	38,393	6	52,866	6	67,452	6	82,526	6	97,600	6	112,672	6	127,738	6	142,805
1/4	8,639	1/4	23,713	1/4	38,695	1/4	53,169	1/4	67,766	1/4	82,840	1/4	97,914	1/4	112,986	1/4	128,052	1/4	143,119
1/2	8,953	1/2	24,027	1/2	38,997	1/2	53,471	1/2	68,080	1/2	83,154	1/2	98,228	1/2	113,300	1/2	128,366	1/2	143,433
3/4	9,267	3/4	24,341	3/4	39,298	3/4	53,773	3/4	68,394	3/4	83,468	3/4	98,542	3/4	113,614	3/4	128,680	3/4	143,746
7	9,581	7	24,655	7	39,600	7	54,075	7	68,708	7	83,782	7	98,856	7	113,928	7	128,994	7	144,060
1/4	9,895	1/4	24,969	1/4	39,901	1/4	54,378	1/4	69,022	1/4	84,096	1/4	99,170	1/4	114,241	1/4	129,308	1/4	144,374
1/2	10,209	1/2	25,283	1/2	40,203	1/2	54,680	1/2	69,336	1/2	84,410	1/2	99,484	1/2	114,555	1/2	129,622	1/2	144,688
3/4	10,523	3/4	25,597	3/4	40,504	3/4	54,982	3/4	69,650	3/4	84,724	3/4	99,798	3/4	114,869	3/4	129,936	3/4	145,002
8	10,837	8	25,911	8	40,805	8	55,285	8	69,964	8	85,038	8	100,112	8	115,183	8	130,249	8	145,316
1/4	11,151	1/4	26,225	1/4	41,107	1/4	55,587	1/4	70,278	1/4	85,352	1/4	100,426	1/4	115,497	1/4	130,563	1/4	145,630
1/2	11,465	1/2	26,539	1/2	41,408	1/2	55,889	1/2	70,592	1/2	85,666	1/2	100,740	1/2	115,811	1/2	130,877	1/2	145,944
3/4	11,779	3/4	26,853	3/4	41,709	3/4	56,191	3/4	70,906	3/4	85,980	3/4	101,054	3/4	116,125	3/4	131,191	3/4	146,258
9	12,093	9	27,167	9	42,011	9	56,494	9	71,220	9	86,294	9	101,368	9	116,439	9	131,505	9	146,571
1/4	12,407	1/4	27,480	1/4	42,312	1/4	56,796	1/4	71,534	1/4	86,608	1/4	101,682	1/4	116,753	1/4	131,819	1/4	146,885
1/2	12,721	1/2	27,794	1/2	42,613	1/2	57,098	1/2	71,848	1/2	86,922	1/2	101,996	1/2	117,066	1/2	132,133	1/2	147,199
3/4	13,035	3/4	28,108	3/4	42,915	3/4	57,400	3/4	72,162	3/4	87,236	3/4	102,310	3/4	117,380	3/4	132,447	3/4	147,513
10	13,350	10	28,422	10	43,216	10	57,703	10	72,476	10	87,550	10	102,624	10	117,694	10	132,761	10	147,827
1/4	13,664	1/4	28,736	1/4	43,517	1/4	58,005	1/4	72,790	1/4	87,864	1/4	102,938	1/4	118,008	1/4	133,074	1/4	148,141
1/2	13,978	1/2	29,049	1/2	43,819	1/2	58,307	1/2	73,105	1/2	88,178	1/2	103,252	1/2	118,322	1/2	133,388	1/2	148,455
3/4	14,292	3/4	29,363	3/4	44,120	3/4	58,609	3/4	73,419	3/4	88,493	3/4	103,566	3/4	118,636	3/4	133,702	3/4	148,769
11	14,606	11	29,677	11	44,421	11	58,912	11	73,733	11	88,807	11	103,881	11	118,950	11	134,016	11	149,082
1/4	14,920	1/4	29,991	1/4	44,723	1/4	59,214	1/4	74,047	1/4	89,121	1/4	104,195	1/4	119,264	1/4	134,330	1/4	149,396
1/2	15,234	1/2	30,305	1/2	45,024	1/2	59,516	1/2	74,361	1/2	89,435	1/2	104,509	1/2	119,577	1/2	134,644	1/2	149,710
3/4	15,548	3/4	30,619	3/4	45,325	3/4	59,819	3/4	74,675	3/4	89,749	3/4	104,823	3/4	119,891	3/4	134,958	3/4	150,024

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 THREADS ON "MMC" VALVE OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HSM 3018"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/8"

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	150,338	0	165,404	0	180,460	0	195,475	0	210,377	0		0		0		0		0	
1/4	150,652	1/4	165,718	1/4	180,772	1/4	195,788	1/4	210,657	1/4		1/4		1/4		1/4		1/4	
1/2	150,966	1/2	166,032	1/2	181,085	1/2	196,101	1/2	210,937	1/2		1/2		1/2		1/2		1/2	
3/4	151,280	3/4	166,346	3/4	181,398	3/4	196,413	3/4	211,217	3/4		3/4		3/4		3/4		3/4	
1	151,594	1	166,660	1	181,711	1	196,726	1	211,472	1		1		1		1		1	
1/4	151,907	1/4	166,974	1/4	182,024	1/4	197,039	1/4	211,704	1/4		1/4		1/4		1/4		1/4	
1/2	152,221	1/2	167,288	1/2	182,337	1/2	197,352	1/2	211,935	1/2		1/2		1/2		1/2		1/2	
3/4	152,535	3/4	167,602	3/4	182,649	3/4	197,665	3/4	212,166	3/4		3/4		3/4		3/4		3/4	
2	152,849	2	167,915	2	182,962	2	197,977	2	212,371	2		2		2		2		2	
1/4	153,163	1/4	168,229	1/4	183,275	1/4	198,290	1/4	212,550	1/4		1/4		1/4		1/4		1/4	
1/2	153,477	1/2	168,543	1/2	183,588	1/2	198,603	1/2	212,730	1/2		1/2		1/2		1/2		1/2	
3/4	153,791	3/4	168,857	3/4	183,901	3/4	198,916	3/4	212,909	3/4		3/4		3/4		3/4		3/4	
3	154,105	3	169,171	3	184,213	3	199,229	278	212,998	3		3		3		3		3	
1/4	154,419	1/4	169,485	1/4	184,526	1/4	199,542	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,732	1/2	169,799	1/2	184,839	1/2	199,854	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,046	3/4	170,113	3/4	185,152	3/4	200,167	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,360	4	170,427	4	185,465	4	200,480	4		4		4		4		4		4	
1/4	155,674	1/4	170,740	1/4	185,778	1/4	200,793	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,988	1/2	171,054	1/2	186,090	1/2	201,106	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,302	3/4	171,368	3/4	186,403	3/4	201,418	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,616	5	171,682	5	186,716	5	201,730	5		5		5		5		5		5	
1/4	156,930	1/4	171,996	1/4	187,029	1/4	202,042	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,243	1/2	172,310	1/2	187,342	1/2	202,353	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,557	3/4	172,624	3/4	187,654	3/4	202,664	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,871	6	172,938	6	187,967	6	202,975	6		6		6		6		6		6	
1/4	158,185	1/4	173,252	1/4	188,280	1/4	203,285	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,499	1/2	173,565	1/2	188,593	1/2	203,594	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,813	3/4	173,879	3/4	188,906	3/4	203,904	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,127	7	174,193	7	189,219	7	204,214	7		7		7		7		7		7	
1/4	159,441	1/4	174,507	1/4	189,531	1/4	204,524	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,755	1/2	174,821	1/2	189,844	1/2	204,833	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,068	3/4	175,135	3/4	190,157	3/4	205,143	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,382	8	175,449	8	190,470	8	205,453	8		8		8		8		8		8	
1/4	160,696	1/4	175,763	1/4	190,783	1/4	205,763	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,010	1/2	176,076	1/2	191,095	1/2	206,073	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,324	3/4	176,390	3/4	191,408	3/4	206,383	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,638	9	176,704	9	191,721	9	206,692	9		9		9		9		9		9	
1/4	161,952	1/4	177,017	1/4	192,034	1/4	207,002	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,266	1/2	177,331	1/2	192,347	1/2	207,312	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,579	3/4	177,644	3/4	192,660	3/4	207,622	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,893	10	177,957	10	192,972	10	207,931	10		10		10		10		10		10	
1/4	163,207	1/4	178,270	1/4	193,285	1/4	208,241	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,521	1/2	178,583	1/2	193,598	1/2	208,550	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,835	3/4	178,896	3/4	193,911	3/4	208,859	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,149	11	179,208	11	194,224	11	209,167	11		11		11		11		11		11	
1/4	164,463	1/4	179,521	1/4	194,536	1/4	209,473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,777	1/2	179,834	1/2	194,849	1/2	209,778	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,091	3/4	180,147	3/4	195,162	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: 09/09/2019 CL  
CALCULATED: 09/09/2019 CL  
REPRINTED: 10/10/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

PRECISION MEASUREMENT  
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# BARGE "HSM 3018"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/8"

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	1,151	0	15,870	0	30,949	0	46,009	0	61,076	0	76,157	0	91,239	0	106,320	0	121,396	0	136,469
1/4	1,386	1/4	16,184	1/4	31,263	1/4	46,323	1/4	61,390	1/4	76,472	1/4	91,553	1/4	106,634	1/4	121,710	1/4	136,783
1/2	1,622	1/2	16,498	1/2	31,577	1/2	46,636	1/2	61,704	1/2	76,786	1/2	91,867	1/2	106,948	1/2	122,024	1/2	137,098
3/4	1,857	3/4	16,813	3/4	31,892	3/4	46,949	3/4	62,019	3/4	77,100	3/4	92,181	3/4	107,262	3/4	122,338	3/4	137,412
1	2,122	1	17,127	1	32,206	1	47,262	1	62,333	1	77,414	1	92,495	1	107,577	1	122,652	1	137,726
1/4	2,416	1/4	17,441	1/4	32,520	1/4	47,576	1/4	62,647	1/4	77,728	1/4	92,810	1/4	107,891	1/4	122,966	1/4	138,040
1/2	2,710	1/2	17,755	1/2	32,834	1/2	47,889	1/2	62,961	1/2	78,043	1/2	93,124	1/2	108,205	1/2	123,280	1/2	138,354
3/4	3,003	3/4	18,069	3/4	33,148	3/4	48,202	3/4	63,275	3/4	78,357	3/4	93,438	3/4	108,519	3/4	123,594	3/4	138,668
2	3,307	2	18,384	2	33,463	2	48,515	2	63,590	2	78,671	2	93,752	2	108,833	2	123,908	2	138,982
1/4	3,620	1/4	18,698	1/4	33,777	1/4	48,829	1/4	63,904	1/4	78,985	1/4	94,066	1/4	109,148	1/4	124,222	1/4	139,296
1/2	3,933	1/2	19,012	1/2	34,091	1/2	49,142	1/2	64,218	1/2	79,299	1/2	94,381	1/2	109,462	1/2	124,536	1/2	139,610
3/4	4,247	3/4	19,326	3/4	34,405	3/4	49,456	3/4	64,532	3/4	79,613	3/4	94,695	3/4	109,776	3/4	124,850	3/4	139,924
3	4,560	3	19,640	3	34,719	3	49,769	3	64,846	3	79,928	3	95,009	3	110,090	3	125,164	3	140,238
1/4	4,874	1/4	19,955	1/4	35,033	1/4	50,083	1/4	65,161	1/4	80,242	1/4	95,323	1/4	110,404	1/4	125,478	1/4	140,552
1/2	5,188	1/2	20,269	1/2	35,348	1/2	50,396	1/2	65,475	1/2	80,556	1/2	95,637	1/2	110,718	1/2	125,792	1/2	140,866
3/4	5,502	3/4	20,583	3/4	35,662	3/4	50,709	3/4	65,789	3/4	80,870	3/4	95,952	3/4	111,033	3/4	126,106	3/4	141,180
4	5,816	4	20,897	4	35,976	4	51,023	4	66,103	4	81,184	4	96,266	4	111,347	4	126,420	4	141,494
1/4	6,130	1/4	21,211	1/4	36,290	1/4	51,337	1/4	66,417	1/4	81,499	1/4	96,580	1/4	111,661	1/4	126,734	1/4	141,808
1/2	6,444	1/2	21,526	1/2	36,604	1/2	51,651	1/2	66,732	1/2	81,813	1/2	96,894	1/2	111,975	1/2	127,048	1/2	142,122
3/4	6,758	3/4	21,840	3/4	36,919	3/4	51,965	3/4	67,046	3/4	82,127	3/4	97,208	3/4	112,289	3/4	127,362	3/4	142,436
5	7,073	5	22,154	5	37,233	5	52,279	5	67,360	5	82,441	5	97,522	5	112,603	5	127,676	5	142,750
1/4	7,387	1/4	22,468	1/4	37,547	1/4	52,593	1/4	67,674	1/4	82,755	1/4	97,837	1/4	112,917	1/4	127,990	1/4	143,064
1/2	7,701	1/2	22,782	1/2	37,861	1/2	52,907	1/2	67,988	1/2	83,070	1/2	98,151	1/2	113,231	1/2	128,305	1/2	143,378
3/4	8,015	3/4	23,096	3/4	38,175	3/4	53,221	3/4	68,303	3/4	83,384	3/4	98,465	3/4	113,545	3/4	128,619	3/4	143,692
6	8,329	6	23,411	6	38,489	6	53,535	6	68,617	6	83,698	6	98,779	6	113,859	6	128,933	6	144,006
1/4	8,644	1/4	23,725	1/4	38,803	1/4	53,850	1/4	68,931	1/4	84,012	1/4	99,093	1/4	114,173	1/4	129,247	1/4	144,320
1/2	8,958	1/2	24,039	1/2	39,117	1/2	54,164	1/2	69,245	1/2	84,326	1/2	99,408	1/2	114,487	1/2	129,561	1/2	144,634
3/4	9,272	3/4	24,353	3/4	39,431	3/4	54,478	3/4	69,559	3/4	84,641	3/4	99,722	3/4	114,801	3/4	129,875	3/4	144,948
7	9,586	7	24,667	7	39,744	7	54,792	7	69,873	7	84,955	7	100,036	7	115,115	7	130,189	7	145,262
1/4	9,900	1/4	24,982	1/4	40,057	1/4	55,106	1/4	70,188	1/4	85,269	1/4	100,350	1/4	115,429	1/4	130,503	1/4	145,576
1/2	10,215	1/2	25,296	1/2	40,371	1/2	55,421	1/2	70,502	1/2	85,583	1/2	100,664	1/2	115,743	1/2	130,817	1/2	145,891
3/4	10,529	3/4	25,610	3/4	40,684	3/4	55,735	3/4	70,816	3/4	85,897	3/4	100,979	3/4	116,057	3/4	131,131	3/4	146,205
8	10,843	8	25,924	8	40,997	8	56,049	8	71,130	8	86,212	8	101,293	8	116,371	8	131,445	8	146,519
1/4	11,157	1/4	26,238	1/4	41,310	1/4	56,363	1/4	71,444	1/4	86,526	1/4	101,607	1/4	116,685	1/4	131,759	1/4	146,833
1/2	11,471	1/2	26,552	1/2	41,624	1/2	56,677	1/2	71,759	1/2	86,840	1/2	101,921	1/2	116,999	1/2	132,073	1/2	147,147
3/4	11,786	3/4	26,867	3/4	41,937	3/4	56,992	3/4	72,073	3/4	87,154	3/4	102,235	3/4	117,313	3/4	132,387	3/4	147,461
9	12,100	9	27,181	9	42,250	9	57,306	9	72,387	9	87,468	9	102,550	9	117,627	9	132,701	9	147,775
1/4	12,414	1/4	27,495	1/4	42,563	1/4	57,620	1/4	72,701	1/4	87,783	1/4	102,864	1/4	117,941	1/4	133,015	1/4	148,089
1/2	12,728	1/2	27,809	1/2	42,877	1/2	57,934	1/2	73,015	1/2	88,097	1/2	103,178	1/2	118,255	1/2	133,329	1/2	148,403
3/4	13,042	3/4	28,123	3/4	43,190	3/4	58,248	3/4	73,330	3/4	88,411	3/4	103,492	3/4	118,569	3/4	133,643	3/4	148,717
10	13,357	10	28,436	10	43,503	10	58,563	10	73,644	10	88,725	10	103,806	10	118,883	10	133,957	10	149,031
1/4	13,671	1/4	28,750	1/4	43,816	1/4	58,877	1/4	73,958	1/4	89,039	1/4	104,121	1/4	119,197	1/4	134,271	1/4	149,345
1/2	13,985	1/2	29,064	1/2	44,130	1/2	59,191	1/2	74,272	1/2	89,353	1/2	104,435	1/2	119,512	1/2	134,585	1/2	149,659
3/4	14,299	3/4	29,378	3/4	44,443	3/4	59,505	3/4	74,586	3/4	89,668	3/4	104,749	3/4	119,826	3/4	134,899	3/4	149,973
11	14,613	11	29,692	11	44,756	11	59,819	11	74,901	11	89,982	11	105,063	11	120,140	11	135,213	11	150,287
1/4	14,927	1/4	30,007	1/4	45,070	1/4	60,133	1/4	75,215	1/4	90,296	1/4	105,377	1/4	120,454	1/4	135,527	1/4	150,601
1/2	15,242	1/2	30,321	1/2	45,383	1/2	60,448	1/2	75,529	1/2	90,610	1/2	105,692	1/2	120,768	1/2	135,841	1/2	150,915
3/4	15,556	3/4	30,635	3/4	45,696	3/4	60,762	3/4	75,843	3/4	90,924	3/4	106,006	3/4	121,082	3/4	136,155	3/4	151,229

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 THREADS ON "MMC" VALVE OR 8" HATCH.

GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "HSM 3018"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/8"

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	151,543	0	166,617	0	181,679	0	196,702	0	211,611	0		0		0		0		0	
1/4	151,857	1/4	166,931	1/4	181,992	1/4	197,015	1/4	211,891	1/4		1/4		1/4		1/4		1/4	
1/2	152,171	1/2	167,245	1/2	182,305	1/2	197,328	1/2	212,171	1/2		1/2		1/2		1/2		1/2	
3/4	152,485	3/4	167,559	3/4	182,618	3/4	197,641	3/4	212,451	3/4		3/4		3/4		3/4		3/4	
1	152,799	1	167,873	1	182,931	1	197,954	1	212,707	1		1		1		1		1	
1/4	153,113	1/4	168,187	1/4	183,244	1/4	198,267	1/4	212,939	1/4		1/4		1/4		1/4		1/4	
1/2	153,427	1/2	168,501	1/2	183,557	1/2	198,580	1/2	213,170	1/2		1/2		1/2		1/2		1/2	
3/4	153,741	3/4	168,815	3/4	183,870	3/4	198,893	3/4	213,402	3/4		3/4		3/4		3/4		3/4	
2	154,055	2	169,129	2	184,183	2	199,206	2	213,607	2		2		2		2		2	
1/4	154,369	1/4	169,443	1/4	184,496	1/4	199,519	1/4	213,786	1/4		1/4		1/4		1/4		1/4	
1/2	154,684	1/2	169,757	1/2	184,809	1/2	199,832	1/2	213,965	1/2		1/2		1/2		1/2		1/2	
3/4	154,998	3/4	170,071	3/4	185,122	3/4	200,145	3/4	214,144	3/4		3/4		3/4		3/4		3/4	
3	155,312	3	170,385	3	185,435	3	200,458	278	214,234	3		3		3		3		3	
1/4	155,626	1/4	170,699	1/4	185,748	1/4	200,771	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,940	1/2	171,013	1/2	186,061	1/2	201,084	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,254	3/4	171,327	3/4	186,374	3/4	201,396	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,568	4	171,641	4	186,687	4	201,709	4		4		4		4		4		4	
1/4	156,882	1/4	171,955	1/4	187,000	1/4	202,022	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,196	1/2	172,269	1/2	187,313	1/2	202,335	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,510	3/4	172,584	3/4	187,626	3/4	202,648	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,824	5	172,898	5	187,939	5	202,961	5		5		5		5		5		5	
1/4	158,138	1/4	173,212	1/4	188,252	1/4	203,272	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,452	1/2	173,526	1/2	188,565	1/2	203,583	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,766	3/4	173,840	3/4	188,878	3/4	203,895	3/4		3/4		3/4		3/4		3/4		3/4	
6	159,080	6	174,154	6	189,191	6	204,205	6		6		6		6		6		6	
1/4	159,394	1/4	174,468	1/4	189,504	1/4	204,515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,708	1/2	174,782	1/2	189,817	1/2	204,825	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,022	3/4	175,096	3/4	190,130	3/4	205,135	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,336	7	175,410	7	190,443	7	205,445	7		7		7		7		7		7	
1/4	160,650	1/4	175,724	1/4	190,756	1/4	205,755	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,964	1/2	176,038	1/2	191,068	1/2	206,065	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,278	3/4	176,352	3/4	191,381	3/4	206,375	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,592	8	176,666	8	191,694	8	206,685	8		8		8		8		8		8	
1/4	161,906	1/4	176,980	1/4	192,007	1/4	206,995	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,220	1/2	177,294	1/2	192,320	1/2	207,305	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,534	3/4	177,608	3/4	192,633	3/4	207,615	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,848	9	177,922	9	192,946	9	207,925	9		9		9		9		9		9	
1/4	163,162	1/4	178,235	1/4	193,259	1/4	208,235	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,477	1/2	178,549	1/2	193,572	1/2	208,545	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,791	3/4	178,862	3/4	193,885	3/4	208,855	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,105	10	179,176	10	194,198	10	209,164	10		10		10		10		10		10	
1/4	164,419	1/4	179,489	1/4	194,511	1/4	209,474	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,733	1/2	179,802	1/2	194,824	1/2	209,784	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,047	3/4	180,115	3/4	195,137	3/4	210,093	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,361	11	180,427	11	195,450	11	210,401	11		11		11		11		11		11	
1/4	165,675	1/4	180,740	1/4	195,763	1/4	210,707	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,989	1/2	181,053	1/2	196,076	1/2	211,012	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,303	3/4	181,366	3/4	196,389	3/4	211,318	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2019 CL  
CALCULATED: 09/09/2019 CL  
REPRINTED: 10/10/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "HSM 3018"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/8"

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	1,146	0	15,794	0	30,787	0	45,546	0	60,113	0	75,026	0	89,998	0	104,980	0	119,952	0	134,921
1/4	1,380	1/4	16,106	1/4	31,100	1/4	45,848	1/4	60,425	1/4	75,337	1/4	90,310	1/4	105,292	1/4	120,264	1/4	135,233
1/2	1,615	1/2	16,419	1/2	31,412	1/2	46,150	1/2	60,737	1/2	75,647	1/2	90,622	1/2	105,605	1/2	120,576	1/2	135,545
3/4	1,850	3/4	16,731	3/4	31,724	3/4	46,451	3/4	61,049	3/4	75,957	3/4	90,934	3/4	105,917	3/4	120,888	3/4	135,857
1	2,113	1	17,044	1	32,037	1	46,753	1	61,361	1	76,268	1	91,246	1	106,229	1	121,200	1	136,169
1/4	2,406	1/4	17,356	1/4	32,349	1/4	47,056	1/4	61,673	1/4	76,578	1/4	91,558	1/4	106,541	1/4	121,512	1/4	136,481
1/2	2,698	1/2	17,668	1/2	32,661	1/2	47,358	1/2	61,985	1/2	76,888	1/2	91,870	1/2	106,853	1/2	121,824	1/2	136,793
3/4	2,991	3/4	17,981	3/4	32,974	3/4	47,660	3/4	62,297	3/4	77,199	3/4	92,182	3/4	107,166	3/4	122,135	3/4	137,104
2	3,293	2	18,293	2	33,286	2	47,962	2	62,608	2	77,510	2	92,494	2	107,478	2	122,447	2	137,416
1/4	3,605	1/4	18,606	1/4	33,599	1/4	48,265	1/4	62,920	1/4	77,821	1/4	92,806	1/4	107,790	1/4	122,759	1/4	137,728
1/2	3,917	1/2	18,918	1/2	33,911	1/2	48,567	1/2	63,231	1/2	78,132	1/2	93,118	1/2	108,101	1/2	123,071	1/2	138,040
3/4	4,229	3/4	19,230	3/4	34,223	3/4	48,870	3/4	63,542	3/4	78,444	3/4	93,430	3/4	108,413	3/4	123,383	3/4	138,352
3	4,541	3	19,543	3	34,536	3	49,172	3	63,853	3	78,756	3	93,742	3	108,725	3	123,695	3	138,664
1/4	4,854	1/4	19,855	1/4	34,847	1/4	49,475	1/4	64,163	1/4	79,068	1/4	94,054	1/4	109,037	1/4	124,006	1/4	138,976
1/2	5,166	1/2	20,168	1/2	35,159	1/2	49,777	1/2	64,474	1/2	79,380	1/2	94,366	1/2	109,349	1/2	124,318	1/2	139,287
3/4	5,479	3/4	20,480	3/4	35,471	3/4	50,080	3/4	64,784	3/4	79,693	3/4	94,678	3/4	109,661	3/4	124,630	3/4	139,599
4	5,791	4	20,792	4	35,781	4	50,382	4	65,094	4	80,005	4	94,990	4	109,973	4	124,942	4	139,911
1/4	6,104	1/4	21,105	1/4	36,089	1/4	50,685	1/4	65,405	1/4	80,317	1/4	95,302	1/4	110,285	1/4	125,254	1/4	140,223
1/2	6,416	1/2	21,417	1/2	36,398	1/2	50,987	1/2	65,715	1/2	80,630	1/2	95,614	1/2	110,597	1/2	125,566	1/2	140,535
3/4	6,729	3/4	21,730	3/4	36,706	3/4	51,290	3/4	66,025	3/4	80,942	3/4	95,926	3/4	110,909	3/4	125,878	3/4	140,846
5	7,042	5	22,042	5	37,013	5	51,593	5	66,336	5	81,254	5	96,238	5	111,220	5	126,189	5	141,158
1/4	7,354	1/4	22,354	1/4	37,318	1/4	51,895	1/4	66,646	1/4	81,567	1/4	96,550	1/4	111,532	1/4	126,501	1/4	141,470
1/2	7,667	1/2	22,667	1/2	37,623	1/2	52,198	1/2	66,957	1/2	81,879	1/2	96,862	1/2	111,844	1/2	126,813	1/2	141,781
3/4	7,979	3/4	22,979	3/4	37,928	3/4	52,500	3/4	67,267	3/4	82,191	3/4	97,174	3/4	112,156	3/4	127,125	3/4	142,093
6	8,292	6	23,292	6	38,233	6	52,803	6	67,577	6	82,504	6	97,486	6	112,468	6	127,437	6	142,402
1/4	8,605	1/4	23,604	1/4	38,538	1/4	53,105	1/4	67,888	1/4	82,816	1/4	97,798	1/4	112,780	1/4	127,749	1/4	142,709
1/2	8,918	1/2	23,916	1/2	38,843	1/2	53,408	1/2	68,198	1/2	83,128	1/2	98,110	1/2	113,092	1/2	128,061	1/2	143,016
3/4	9,230	3/4	24,229	3/4	39,148	3/4	53,710	3/4	68,508	3/4	83,441	3/4	98,422	3/4	113,403	3/4	128,372	3/4	143,323
7	9,543	7	24,541	7	39,453	7	54,013	7	68,819	7	83,753	7	98,735	7	113,715	7	128,684	7	143,624
1/4	9,856	1/4	24,854	1/4	39,758	1/4	54,315	1/4	69,129	1/4	84,065	1/4	99,047	1/4	114,027	1/4	128,996	1/4	143,919
1/2	10,169	1/2	25,166	1/2	40,063	1/2	54,618	1/2	69,439	1/2	84,378	1/2	99,359	1/2	114,339	1/2	129,308	1/2	144,214
3/4	10,482	3/4	25,478	3/4	40,368	3/4	54,920	3/4	69,750	3/4	84,690	3/4	99,672	3/4	114,651	3/4	129,620	3/4	144,509
8	10,795	8	25,791	8	40,673	8	55,223	8	70,060	8	85,002	8	99,984	8	114,963	8	129,932	8	144,795
1/4	11,107	1/4	26,103	1/4	40,978	1/4	55,525	1/4	70,371	1/4	85,315	1/4	100,296	1/4	115,275	1/4	130,244	1/4	145,074
1/2	11,420	1/2	26,415	1/2	41,284	1/2	55,828	1/2	70,681	1/2	85,627	1/2	100,608	1/2	115,586	1/2	130,555	1/2	145,353
3/4	11,733	3/4	26,728	3/4	41,589	3/4	56,131	3/4	70,991	3/4	85,939	3/4	100,921	3/4	115,898	3/4	130,867	3/4	145,631
9	12,045	9	27,040	9	41,894	9	56,434	9	71,302	9	86,252	9	101,233	9	116,210	9	131,179	9	145,902
1/4	12,358	1/4	27,352	1/4	42,199	1/4	56,738	1/4	71,612	1/4	86,564	1/4	101,545	1/4	116,522	1/4	131,491	1/4	146,165
1/2	12,670	1/2	27,664	1/2	42,504	1/2	57,042	1/2	71,922	1/2	86,876	1/2	101,857	1/2	116,834	1/2	131,803	1/2	146,428
3/4	12,982	3/4	27,977	3/4	42,809	3/4	57,346	3/4	72,233	3/4	87,189	3/4	102,170	3/4	117,146	3/4	132,115	3/4	146,691
10	13,295	10	28,289	10	43,114	10	57,651	10	72,543	10	87,501	10	102,482	10	117,458	10	132,427	10	146,946
1/4	13,607	1/4	28,601	1/4	43,419	1/4	57,957	1/4	72,854	1/4	87,813	1/4	102,794	1/4	117,769	1/4	132,738	1/4	147,194
1/2	13,920	1/2	28,913	1/2	43,724	1/2	58,263	1/2	73,164	1/2	88,125	1/2	103,106	1/2	118,081	1/2	133,050	1/2	147,441
3/4	14,232	3/4	29,226	3/4	44,029	3/4	58,568	3/4	73,474	3/4	88,437	3/4	103,419	3/4	118,393	3/4	133,362	3/4	147,688
11	14,544	11	29,538	11	44,333	11	58,876	11	73,785	11	88,749	11	103,731	11	118,705	11	133,674	11	147,927
1/4	14,857	1/4	29,850	1/4	44,637	1/4	59,184	1/4	74,095	1/4	89,061	1/4	104,043	1/4	119,017	1/4	133,986	1/4	148,158
1/2	15,169	1/2	30,162	1/2	44,940	1/2	59,493	1/2	74,405	1/2	89,373	1/2	104,356	1/2	119,329	1/2	134,298	1/2	148,390
3/4	15,482	3/4	30,475	3/4	45,244	3/4	59,802	3/4	74,716	3/4	89,686	3/4	104,668	3/4	119,641	3/4	134,610	3/4	148,621

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 THREADS ON "MMC" VALVE OR 8" HATCH.  
 GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.  
 GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "HSM 3018"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/8"

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	148,846	0	159,229	0	169,592	0	179,927	0	190,235	0		0		0		0		0	
1/4	149,066	1/4	159,445	1/4	169,808	1/4	180,142	1/4	190,429	1/4		1/4		1/4		1/4		1/4	
1/2	149,285	1/2	159,661	1/2	170,023	1/2	180,357	1/2	190,622	1/2		1/2		1/2		1/2		1/2	
3/4	149,505	3/4	159,878	3/4	170,238	3/4	180,573	3/4	190,815	3/4		3/4		3/4		3/4		3/4	
1	149,723	1	160,094	1	170,453	1	180,788	1	190,991	1		1		1		1		1	
1/4	149,939	1/4	160,310	1/4	170,669	1/4	181,003	1/4	191,151	1/4		1/4		1/4		1/4		1/4	
1/2	150,155	1/2	160,526	1/2	170,884	1/2	181,218	1/2	191,311	1/2		1/2		1/2		1/2		1/2	
3/4	150,371	3/4	160,742	3/4	171,099	3/4	181,434	3/4	191,470	3/4		3/4		3/4		3/4		3/4	
2	150,587	2	160,958	2	171,315	2	181,649	2	191,612	2		2		2		2		2	
1/4	150,803	1/4	161,174	1/4	171,530	1/4	181,864	1/4	191,736	1/4		1/4		1/4		1/4		1/4	
1/2	151,019	1/2	161,390	1/2	171,745	1/2	182,080	1/2	191,859	1/2		1/2		1/2		1/2		1/2	
3/4	151,235	3/4	161,606	3/4	171,961	3/4	182,295	3/4	191,983	3/4		3/4		3/4		3/4		3/4	
3	151,451	3	161,822	3	172,176	3	182,510	278	192,045	3		3		3		3		3	
1/4	151,667	1/4	162,038	1/4	172,391	1/4	182,726	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,883	1/2	162,254	1/2	172,606	1/2	182,941	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,099	3/4	162,470	3/4	172,822	3/4	183,156	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,315	4	162,686	4	173,037	4	183,371	4		4		4		4		4		4	
1/4	152,532	1/4	162,902	1/4	173,252	1/4	183,587	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,748	1/2	163,118	1/2	173,468	1/2	183,802	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,964	3/4	163,335	3/4	173,683	3/4	184,017	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,180	5	163,551	5	173,898	5	184,233	5		5		5		5		5		5	
1/4	153,396	1/4	163,767	1/4	174,114	1/4	184,448	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,612	1/2	163,983	1/2	174,329	1/2	184,663	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,828	3/4	164,199	3/4	174,544	3/4	184,879	3/4		3/4		3/4		3/4		3/4		3/4	
6	154,044	6	164,415	6	174,759	6	185,094	6		6		6		6		6		6	
1/4	154,260	1/4	164,631	1/4	174,975	1/4	185,309	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,476	1/2	164,847	1/2	175,190	1/2	185,524	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,692	3/4	165,063	3/4	175,405	3/4	185,740	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,908	7	165,279	7	175,621	7	185,955	7		7		7		7		7		7	
1/4	155,124	1/4	165,495	1/4	175,836	1/4	186,170	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,340	1/2	165,711	1/2	176,051	1/2	186,386	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,556	3/4	165,927	3/4	176,267	3/4	186,601	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,772	8	166,143	8	176,482	8	186,817	8		8		8		8		8		8	
1/4	155,988	1/4	166,359	1/4	176,697	1/4	187,032	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,205	1/2	166,575	1/2	176,912	1/2	187,247	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,421	3/4	166,791	3/4	177,128	3/4	187,463	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,637	9	167,007	9	177,343	9	187,678	9		9		9		9		9		9	
1/4	156,853	1/4	167,223	1/4	177,558	1/4	187,893	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,069	1/2	167,439	1/2	177,774	1/2	188,109	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,285	3/4	167,654	3/4	177,989	3/4	188,324	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,501	10	167,870	10	178,204	10	188,539	10		10		10		10		10		10	
1/4	157,717	1/4	168,085	1/4	178,420	1/4	188,754	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,933	1/2	168,300	1/2	178,635	1/2	188,970	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,149	3/4	168,516	3/4	178,850	3/4	189,185	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,365	11	168,731	11	179,065	11	189,398	11		11		11		11		11		11	
1/4	158,581	1/4	168,946	1/4	179,281	1/4	189,610	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,797	1/2	169,162	1/2	179,496	1/2	189,821	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,013	3/4	169,377	3/4	179,711	3/4	190,033	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2019 CL  
CALCULATED: 09/09/2019 CL  
REPRINTED: 10/10/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "HSM 3018"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/8"

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	1,146	0	15,808	0	30,830	0	45,836	0	60,857	0	75,880	0	90,902	0	105,925	0	120,930	0	135,933
1/4	1,381	1/4	16,121	1/4	31,143	1/4	46,149	1/4	61,170	1/4	76,193	1/4	91,215	1/4	106,238	1/4	121,243	1/4	136,246
1/2	1,615	1/2	16,434	1/2	31,456	1/2	46,461	1/2	61,483	1/2	76,506	1/2	91,528	1/2	106,551	1/2	121,556	1/2	136,558
3/4	1,850	3/4	16,747	3/4	31,769	3/4	46,774	3/4	61,796	3/4	76,818	3/4	91,841	3/4	106,864	3/4	121,868	3/4	136,871
1	2,114	1	17,060	1	32,082	1	47,087	1	62,109	1	77,131	1	92,154	1	107,177	1	122,181	1	137,183
1/4	2,406	1/4	17,373	1/4	32,395	1/4	47,400	1/4	62,422	1/4	77,444	1/4	92,467	1/4	107,489	1/4	122,493	1/4	137,496
1/2	2,699	1/2	17,686	1/2	32,708	1/2	47,712	1/2	62,735	1/2	77,757	1/2	92,780	1/2	107,802	1/2	122,806	1/2	137,808
3/4	2,992	3/4	17,999	3/4	33,021	3/4	48,025	3/4	63,048	3/4	78,070	3/4	93,093	3/4	108,115	3/4	123,118	3/4	138,121
2	3,294	2	18,312	2	33,334	2	48,338	2	63,361	2	78,383	2	93,406	2	108,428	2	123,431	2	138,433
1/4	3,606	1/4	18,624	1/4	33,647	1/4	48,651	1/4	63,674	1/4	78,696	1/4	93,719	1/4	108,740	1/4	123,743	1/4	138,746
1/2	3,918	1/2	18,937	1/2	33,960	1/2	48,964	1/2	63,987	1/2	79,009	1/2	94,032	1/2	109,053	1/2	124,056	1/2	139,059
3/4	4,230	3/4	19,250	3/4	34,273	3/4	49,277	3/4	64,300	3/4	79,322	3/4	94,345	3/4	109,366	3/4	124,369	3/4	139,371
3	4,542	3	19,563	3	34,585	3	49,590	3	64,613	3	79,635	3	94,658	3	109,678	3	124,681	3	139,684
1/4	4,855	1/4	19,876	1/4	34,898	1/4	49,903	1/4	64,926	1/4	79,948	1/4	94,971	1/4	109,991	1/4	124,994	1/4	139,996
1/2	5,168	1/2	20,189	1/2	35,211	1/2	50,216	1/2	65,239	1/2	80,261	1/2	95,284	1/2	110,304	1/2	125,306	1/2	140,309
3/4	5,480	3/4	20,502	3/4	35,524	3/4	50,529	3/4	65,552	3/4	80,574	3/4	95,597	3/4	110,616	3/4	125,619	3/4	140,621
4	5,793	4	20,815	4	35,836	4	50,842	4	65,865	4	80,887	4	95,910	4	110,929	4	125,931	4	140,934
1/4	6,106	1/4	21,128	1/4	36,149	1/4	51,155	1/4	66,177	1/4	81,200	1/4	96,223	1/4	111,241	1/4	126,244	1/4	141,246
1/2	6,419	1/2	21,441	1/2	36,461	1/2	51,468	1/2	66,490	1/2	81,513	1/2	96,536	1/2	111,554	1/2	126,556	1/2	141,559
3/4	6,732	3/4	21,754	3/4	36,774	3/4	51,781	3/4	66,803	3/4	81,826	3/4	96,849	3/4	111,866	3/4	126,869	3/4	141,871
5	7,045	5	22,067	5	37,086	5	52,094	5	67,116	5	82,139	5	97,162	5	112,179	5	127,182	5	142,184
1/4	7,358	1/4	22,380	1/4	37,398	1/4	52,407	1/4	67,429	1/4	82,452	1/4	97,475	1/4	112,492	1/4	127,494	1/4	142,496
1/2	7,671	1/2	22,693	1/2	37,711	1/2	52,720	1/2	67,742	1/2	82,765	1/2	97,787	1/2	112,804	1/2	127,807	1/2	142,808
3/4	7,984	3/4	23,006	3/4	38,023	3/4	53,033	3/4	68,055	3/4	83,078	3/4	98,100	3/4	113,117	3/4	128,119	3/4	143,120
6	8,297	6	23,319	6	38,336	6	53,346	6	68,368	6	83,391	6	98,413	6	113,429	6	128,432	6	143,430
1/4	8,610	1/4	23,632	1/4	38,648	1/4	53,659	1/4	68,681	1/4	83,704	1/4	98,726	1/4	113,742	1/4	128,744	1/4	143,738
1/2	8,923	1/2	23,945	1/2	38,961	1/2	53,972	1/2	68,994	1/2	84,017	1/2	99,039	1/2	114,054	1/2	129,057	1/2	144,046
3/4	9,236	3/4	24,258	3/4	39,273	3/4	54,285	3/4	69,307	3/4	84,330	3/4	99,352	3/4	114,367	3/4	129,369	3/4	144,354
7	9,549	7	24,571	7	39,586	7	54,598	7	69,620	7	84,643	7	99,665	7	114,679	7	129,682	7	144,656
1/4	9,862	1/4	24,884	1/4	39,898	1/4	54,911	1/4	69,933	1/4	84,956	1/4	99,978	1/4	114,992	1/4	129,995	1/4	144,951
1/2	10,175	1/2	25,197	1/2	40,211	1/2	55,224	1/2	70,246	1/2	85,269	1/2	100,291	1/2	115,305	1/2	130,307	1/2	145,246
3/4	10,487	3/4	25,510	3/4	40,523	3/4	55,536	3/4	70,559	3/4	85,582	3/4	100,604	3/4	115,617	3/4	130,620	3/4	145,542
8	10,800	8	25,823	8	40,836	8	55,849	8	70,872	8	85,895	8	100,917	8	115,930	8	130,932	8	145,829
1/4	11,113	1/4	26,136	1/4	41,148	1/4	56,162	1/4	71,185	1/4	86,208	1/4	101,230	1/4	116,242	1/4	131,245	1/4	146,109
1/2	11,426	1/2	26,448	1/2	41,461	1/2	56,475	1/2	71,498	1/2	86,521	1/2	101,543	1/2	116,555	1/2	131,557	1/2	146,388
3/4	11,739	3/4	26,761	3/4	41,773	3/4	56,788	3/4	71,811	3/4	86,834	3/4	101,856	3/4	116,867	3/4	131,870	3/4	146,667
9	12,052	9	27,074	9	42,086	9	57,101	9	72,124	9	87,146	9	102,169	9	117,180	9	132,182	9	146,939
1/4	12,365	1/4	27,387	1/4	42,398	1/4	57,414	1/4	72,437	1/4	87,459	1/4	102,482	1/4	117,492	1/4	132,495	1/4	147,202
1/2	12,678	1/2	27,700	1/2	42,711	1/2	57,727	1/2	72,750	1/2	87,772	1/2	102,795	1/2	117,805	1/2	132,807	1/2	147,465
3/4	12,991	3/4	28,013	3/4	43,023	3/4	58,040	3/4	73,063	3/4	88,085	3/4	103,108	3/4	118,117	3/4	133,120	3/4	147,729
10	13,304	10	28,326	10	43,335	10	58,353	10	73,376	10	88,398	10	103,421	10	118,430	10	133,433	10	147,984
1/4	13,617	1/4	28,639	1/4	43,648	1/4	58,666	1/4	73,689	1/4	88,711	1/4	103,734	1/4	118,743	1/4	133,745	1/4	148,231
1/2	13,930	1/2	28,952	1/2	43,960	1/2	58,979	1/2	74,002	1/2	89,024	1/2	104,047	1/2	119,055	1/2	134,058	1/2	148,479
3/4	14,243	3/4	29,265	3/4	44,273	3/4	59,292	3/4	74,315	3/4	89,337	3/4	104,360	3/4	119,368	3/4	134,370	3/4	148,726
11	14,556	11	29,578	11	44,585	11	59,605	11	74,628	11	89,650	11	104,673	11	119,680	11	134,683	11	148,966
1/4	14,869	1/4	29,891	1/4	44,898	1/4	59,918	1/4	74,941	1/4	89,963	1/4	104,986	1/4	119,993	1/4	134,995	1/4	149,197
1/2	15,182	1/2	30,204	1/2	45,211	1/2	60,231	1/2	75,254	1/2	90,276	1/2	105,299	1/2	120,305	1/2	135,308	1/2	149,428
3/4	15,495	3/4	30,517	3/4	45,523	3/4	60,544	3/4	75,567	3/4	90,589	3/4	105,612	3/4	120,618	3/4	135,620	3/4	149,659

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 THREADS ON "MMC" VALVE OR 8" HATCH.  
 GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.  
 GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "HSM 3018"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/8"

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	149,885	0	160,268	0	170,632	0	180,967	0	191,276	0		0		0		0		0	
1/4	150,104	1/4	160,485	1/4	170,847	1/4	181,182	1/4	191,469	1/4		1/4		1/4		1/4		1/4	
1/2	150,324	1/2	160,701	1/2	171,062	1/2	181,397	1/2	191,662	1/2		1/2		1/2		1/2		1/2	
3/4	150,544	3/4	160,917	3/4	171,278	3/4	181,613	3/4	191,855	3/4		3/4		3/4		3/4		3/4	
1	150,761	1	161,133	1	171,493	1	181,828	1	192,032	1		1		1		1		1	
1/4	150,977	1/4	161,349	1/4	171,708	1/4	182,043	1/4	192,191	1/4		1/4		1/4		1/4		1/4	
1/2	151,194	1/2	161,565	1/2	171,924	1/2	182,258	1/2	192,351	1/2		1/2		1/2		1/2		1/2	
3/4	151,410	3/4	161,781	3/4	172,139	3/4	182,474	3/4	192,511	3/4		3/4		3/4		3/4		3/4	
2	151,626	2	161,997	2	172,354	2	182,689	2	192,652	2		2		2		2		2	
1/4	151,842	1/4	162,213	1/4	172,570	1/4	182,904	1/4	192,776	1/4		1/4		1/4		1/4		1/4	
1/2	152,058	1/2	162,429	1/2	172,785	1/2	183,120	1/2	192,900	1/2		1/2		1/2		1/2		1/2	
3/4	152,274	3/4	162,645	3/4	173,000	3/4	183,335	3/4	193,023	3/4		3/4		3/4		3/4		3/4	
3	152,490	3	162,861	3	173,216	3	183,550	278	193,085	3		3		3		3		3	
1/4	152,706	1/4	163,077	1/4	173,431	1/4	183,766	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,922	1/2	163,293	1/2	173,646	1/2	183,981	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,138	3/4	163,510	3/4	173,861	3/4	184,196	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,354	4	163,726	4	174,077	4	184,412	4		4		4		4		4		4	
1/4	153,570	1/4	163,942	1/4	174,292	1/4	184,627	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,786	1/2	164,158	1/2	174,507	1/2	184,842	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,002	3/4	164,374	3/4	174,723	3/4	185,057	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,219	5	164,590	5	174,938	5	185,273	5		5		5		5		5		5	
1/4	154,435	1/4	164,806	1/4	175,153	1/4	185,488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,651	1/2	165,022	1/2	175,369	1/2	185,703	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,867	3/4	165,238	3/4	175,584	3/4	185,919	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,083	6	165,454	6	175,799	6	186,134	6		6		6		6		6		6	
1/4	155,299	1/4	165,670	1/4	176,015	1/4	186,349	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,515	1/2	165,886	1/2	176,230	1/2	186,565	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,731	3/4	166,102	3/4	176,445	3/4	186,780	3/4		3/4		3/4		3/4		3/4		3/4	
7	155,947	7	166,318	7	176,660	7	186,995	7		7		7		7		7		7	
1/4	156,163	1/4	166,534	1/4	176,876	1/4	187,211	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,379	1/2	166,751	1/2	177,091	1/2	187,426	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,595	3/4	166,967	3/4	177,306	3/4	187,641	3/4		3/4		3/4		3/4		3/4		3/4	
8	156,811	8	167,183	8	177,522	8	187,857	8		8		8		8		8		8	
1/4	157,027	1/4	167,399	1/4	177,737	1/4	188,072	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,244	1/2	167,615	1/2	177,952	1/2	188,288	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,460	3/4	167,831	3/4	178,168	3/4	188,503	3/4		3/4		3/4		3/4		3/4		3/4	
9	157,676	9	168,047	9	178,383	9	188,718	9		9		9		9		9		9	
1/4	157,892	1/4	168,262	1/4	178,598	1/4	188,934	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,108	1/2	168,478	1/2	178,814	1/2	189,149	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,324	3/4	168,694	3/4	179,029	3/4	189,365	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,540	10	168,909	10	179,244	10	189,580	10		10		10		10		10		10	
1/4	158,756	1/4	169,125	1/4	179,459	1/4	189,795	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,972	1/2	169,340	1/2	179,675	1/2	190,010	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,188	3/4	169,555	3/4	179,890	3/4	190,225	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,404	11	169,771	11	180,105	11	190,438	11		11		11		11		11		11	
1/4	159,620	1/4	169,986	1/4	180,321	1/4	190,650	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,836	1/2	170,201	1/2	180,536	1/2	190,862	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,052	3/4	170,417	3/4	180,751	3/4	191,073	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2019 CL  
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REPRINTED: 10/10/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2019

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