



# BARGE "HSM 3007"

## INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

December 14, 2016

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

<http://www.pmacorp.net>



# BARGE "HSM 3007"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	385	0	13,249	0	28,173	0	43,193	0	58,151	0	73,129	0	88,150	0	103,170	0	118,186	0	133,200
1/4	562	1/4	13,551	1/4	28,486	1/4	43,506	1/4	58,462	1/4	73,442	1/4	88,463	1/4	103,483	1/4	118,499	1/4	133,513
1/2	739	1/2	13,852	1/2	28,799	1/2	43,819	1/2	58,772	1/2	73,755	1/2	88,775	1/2	103,796	1/2	118,812	1/2	133,825
3/4	916	3/4	14,153	3/4	29,112	3/4	44,132	3/4	59,083	3/4	74,068	3/4	89,088	3/4	104,109	3/4	119,124	3/4	134,138
1	1,093	1	14,455	1	29,425	1	44,445	1	59,394	1	74,381	1	89,401	1	104,422	1	119,437	1	134,451
1/4	1,331	1/4	14,760	1/4	29,738	1/4	44,758	1/4	59,704	1/4	74,694	1/4	89,714	1/4	104,735	1/4	119,750	1/4	134,764
1/2	1,570	1/2	15,065	1/2	30,050	1/2	45,070	1/2	60,015	1/2	75,007	1/2	90,027	1/2	105,048	1/2	120,063	1/2	135,077
3/4	1,809	3/4	15,370	3/4	30,363	3/4	45,383	3/4	60,325	3/4	75,320	3/4	90,340	3/4	105,361	3/4	120,375	3/4	135,389
2	2,047	2	15,676	2	30,676	2	45,696	2	60,636	2	75,633	2	90,653	2	105,673	2	120,688	2	135,702
1/4	2,309	1/4	15,985	1/4	30,989	1/4	46,009	1/4	60,946	1/4	75,945	1/4	90,966	1/4	105,986	1/4	121,001	1/4	136,015
1/2	2,571	1/2	16,294	1/2	31,302	1/2	46,322	1/2	61,257	1/2	76,258	1/2	91,279	1/2	106,299	1/2	121,314	1/2	136,328
3/4	2,833	3/4	16,603	3/4	31,615	3/4	46,635	3/4	61,568	3/4	76,571	3/4	91,592	3/4	106,612	3/4	121,627	3/4	136,641
3	3,095	3	16,912	3	31,928	3	46,948	3	61,878	3	76,884	3	91,905	3	106,925	3	121,939	3	136,953
1/4	3,361	1/4	17,224	1/4	32,241	1/4	47,261	1/4	62,189	1/4	77,197	1/4	92,218	1/4	107,238	1/4	122,252	1/4	137,266
1/2	3,628	1/2	17,536	1/2	32,554	1/2	47,574	1/2	62,500	1/2	77,510	1/2	92,531	1/2	107,551	1/2	122,565	1/2	137,579
3/4	3,894	3/4	17,848	3/4	32,867	3/4	47,887	3/4	62,810	3/4	77,823	3/4	92,843	3/4	107,864	3/4	122,878	3/4	137,892
4	4,160	4	18,160	4	33,180	4	48,200	4	63,121	4	78,136	4	93,156	4	108,177	4	123,191	4	138,205
1/4	4,431	1/4	18,472	1/4	33,493	1/4	48,512	1/4	63,433	1/4	78,449	1/4	93,469	1/4	108,489	1/4	123,503	1/4	138,517
1/2	4,702	1/2	18,785	1/2	33,805	1/2	48,824	1/2	63,745	1/2	78,762	1/2	93,782	1/2	108,802	1/2	123,816	1/2	138,830
3/4	4,972	3/4	19,098	3/4	34,118	3/4	49,136	3/4	64,056	3/4	79,075	3/4	94,095	3/4	109,115	3/4	124,129	3/4	139,143
5	5,243	5	19,411	5	34,431	5	49,448	5	64,368	5	79,388	5	94,408	5	109,428	5	124,442	5	139,456
1/4	5,517	1/4	19,724	1/4	34,744	1/4	49,760	1/4	64,681	1/4	79,701	1/4	94,721	1/4	109,741	1/4	124,755	1/4	139,769
1/2	5,791	1/2	20,037	1/2	35,057	1/2	50,071	1/2	64,993	1/2	80,013	1/2	95,034	1/2	110,053	1/2	125,067	1/2	140,081
3/4	6,066	3/4	20,350	3/4	35,370	3/4	50,383	3/4	65,306	3/4	80,326	3/4	95,347	3/4	110,366	3/4	125,380	3/4	140,394
6	6,340	6	20,663	6	35,683	6	50,694	6	65,619	6	80,639	6	95,660	6	110,679	6	125,693	6	140,707
1/4	6,618	1/4	20,976	1/4	35,996	1/4	51,006	1/4	65,932	1/4	80,952	1/4	95,973	1/4	110,992	1/4	126,006	1/4	141,020
1/2	6,897	1/2	21,289	1/2	36,309	1/2	51,317	1/2	66,245	1/2	81,265	1/2	96,286	1/2	111,305	1/2	126,318	1/2	141,332
3/4	7,175	3/4	21,602	3/4	36,622	3/4	51,628	3/4	66,558	3/4	81,578	3/4	96,599	3/4	111,617	3/4	126,631	3/4	141,645
7	7,453	7	21,915	7	36,935	7	51,939	7	66,871	7	81,891	7	96,912	7	111,930	7	126,944	7	141,958
1/4	7,735	1/4	22,228	1/4	37,248	1/4	52,250	1/4	67,183	1/4	82,204	1/4	97,224	1/4	112,243	1/4	127,257	1/4	142,271
1/2	8,017	1/2	22,540	1/2	37,560	1/2	52,561	1/2	67,496	1/2	82,517	1/2	97,537	1/2	112,556	1/2	127,570	1/2	142,584
3/4	8,299	3/4	22,853	3/4	37,873	3/4	52,872	3/4	67,809	3/4	82,830	3/4	97,850	3/4	112,868	3/4	127,882	3/4	142,896
8	8,582	8	23,166	8	38,186	8	53,182	8	68,122	8	83,143	8	98,163	8	113,181	8	128,195	8	143,209
1/4	8,867	1/4	23,479	1/4	38,499	1/4	53,493	1/4	68,435	1/4	83,456	1/4	98,476	1/4	113,494	1/4	128,508	1/4	143,522
1/2	9,153	1/2	23,792	1/2	38,812	1/2	53,804	1/2	68,748	1/2	83,769	1/2	98,789	1/2	113,807	1/2	128,821	1/2	143,835
3/4	9,439	3/4	24,105	3/4	39,125	3/4	54,114	3/4	69,061	3/4	84,082	3/4	99,102	3/4	114,120	3/4	129,134	3/4	144,148
9	9,725	9	24,418	9	39,438	9	54,425	9	69,374	9	84,394	9	99,415	9	114,432	9	129,446	9	144,460
1/4	10,015	1/4	24,731	1/4	39,751	1/4	54,735	1/4	69,687	1/4	84,707	1/4	99,728	1/4	114,745	1/4	129,759	1/4	144,773
1/2	10,305	1/2	25,044	1/2	40,064	1/2	55,046	1/2	70,000	1/2	85,020	1/2	100,041	1/2	115,058	1/2	130,072	1/2	145,086
3/4	10,595	3/4	25,357	3/4	40,377	3/4	55,356	3/4	70,313	3/4	85,333	3/4	100,354	3/4	115,371	3/4	130,385	3/4	145,399
10	10,885	10	25,670	10	40,690	10	55,667	10	70,626	10	85,646	10	100,667	10	115,684	10	130,698	10	145,712
1/4	11,178	1/4	25,983	1/4	41,003	1/4	55,977	1/4	70,939	1/4	85,959	1/4	100,980	1/4	115,996	1/4	131,010	1/4	146,024
1/2	11,472	1/2	26,295	1/2	41,315	1/2	56,288	1/2	71,252	1/2	86,272	1/2	101,292	1/2	116,309	1/2	131,323	1/2	146,337
3/4	11,766	3/4	26,608	3/4	41,628	3/4	56,599	3/4	71,564	3/4	86,585	3/4	101,605	3/4	116,622	3/4	131,636	3/4	146,650
11	12,059	11	26,921	11	41,941	11	56,909	11	71,877	11	86,898	11	101,918	11	116,935	11	131,949	11	146,963
1/4	12,357	1/4	27,234	1/4	42,254	1/4	57,220	1/4	72,190	1/4	87,211	1/4	102,231	1/4	117,248	1/4	132,262	1/4	147,275
1/2	12,654	1/2	27,547	1/2	42,567	1/2	57,530	1/2	72,503	1/2	87,524	1/2	102,544	1/2	117,560	1/2	132,574	1/2	147,588
3/4	12,952	3/4	27,860	3/4	42,880	3/4	57,841	3/4	72,816	3/4	87,837	3/4	102,857	3/4	117,873	3/4	132,887	3/4	147,901

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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 P.O. Box 2092  
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# BARGE "HSM 3007"

## 1 PORT 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	148,214	0	163,228	0	178,233	0	193,203	0	208,101	0		0		0		0		0	
1/4	148,527	1/4	163,541	1/4	178,545	1/4	193,515	1/4	208,381	1/4		1/4		1/4		1/4		1/4	
1/2	148,839	1/2	163,853	1/2	178,856	1/2	193,827	1/2	208,661	1/2		1/2		1/2		1/2		1/2	
3/4	149,152	3/4	164,166	3/4	179,168	3/4	194,139	3/4	208,941	3/4		3/4		3/4		3/4		3/4	
1	149,465	1	164,479	1	179,480	1	194,450	1	209,221	1		1		1		1		1	
1/4	149,778	1/4	164,792	1/4	179,792	1/4	194,762	1/4	209,452	1/4		1/4		1/4		1/4		1/4	
1/2	150,091	1/2	165,105	1/2	180,104	1/2	195,074	1/2	209,684	1/2		1/2		1/2		1/2		1/2	
3/4	150,403	3/4	165,417	3/4	180,416	3/4	195,386	3/4	209,916	3/4		3/4		3/4		3/4		3/4	
2	150,716	2	165,730	2	180,728	2	195,698	2	210,147	2		2		2		2		2	
1/4	151,029	1/4	166,043	1/4	181,040	1/4	196,010	1/4	210,327	1/4		1/4		1/4		1/4		1/4	
1/2	151,342	1/2	166,356	1/2	181,351	1/2	196,322	1/2	210,506	1/2		1/2		1/2		1/2		1/2	
3/4	151,655	3/4	166,669	3/4	181,663	3/4	196,634	3/4	210,686	3/4		3/4		3/4		3/4		3/4	
3	151,967	3	166,981	3	181,975	3	196,945	3	210,865	3		3		3		3		3	
1/4	152,280	1/4	167,294	1/4	182,287	1/4	197,257	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,593	1/2	167,607	1/2	182,599	1/2	197,569	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,906	3/4	167,920	3/4	182,911	3/4	197,881	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,219	4	168,232	4	183,223	4	198,193	4		4		4		4		4		4	
1/4	153,531	1/4	168,545	1/4	183,535	1/4	198,505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,844	1/2	168,858	1/2	183,847	1/2	198,817	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,157	3/4	169,171	3/4	184,158	3/4	199,129	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,470	5	169,484	5	184,470	5	199,440	5		5		5		5		5		5	
1/4	154,782	1/4	169,796	1/4	184,782	1/4	199,751	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,095	1/2	170,109	1/2	185,094	1/2	200,062	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,408	3/4	170,422	3/4	185,406	3/4	200,373	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,721	6	170,735	6	185,718	6	200,684	6		6		6		6		6		6	
1/4	156,034	1/4	171,048	1/4	186,030	1/4	200,993	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,346	1/2	171,360	1/2	186,342	1/2	201,303	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,659	3/4	171,673	3/4	186,653	3/4	201,613	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,972	7	171,986	7	186,965	7	201,923	7		7		7		7		7		7	
1/4	157,285	1/4	172,299	1/4	187,277	1/4	202,232	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,598	1/2	172,612	1/2	187,589	1/2	202,542	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,910	3/4	172,924	3/4	187,901	3/4	202,852	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,223	8	173,237	8	188,213	8	203,162	8		8		8		8		8		8	
1/4	158,536	1/4	173,550	1/4	188,525	1/4	203,472	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,849	1/2	173,863	1/2	188,837	1/2	203,782	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,162	3/4	174,176	3/4	189,148	3/4	204,091	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,474	9	174,488	9	189,460	9	204,401	9		9		9		9		9		9	
1/4	159,787	1/4	174,801	1/4	189,772	1/4	204,711	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,100	1/2	175,113	1/2	190,084	1/2	205,021	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,413	3/4	175,425	3/4	190,396	3/4	205,331	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,726	10	175,738	10	190,708	10	205,640	10		10		10		10		10		10	
1/4	161,038	1/4	176,050	1/4	191,020	1/4	205,950	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,351	1/2	176,361	1/2	191,332	1/2	206,259	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,664	3/4	176,673	3/4	191,643	3/4	206,569	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,977	11	176,985	11	191,955	11	206,878	11		11		11		11		11		11	
1/4	162,289	1/4	177,297	1/4	192,267	1/4	207,184	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,602	1/2	177,609	1/2	192,579	1/2	207,489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,915	3/4	177,921	3/4	192,891	3/4	207,795	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/13/2016 SW  
CALCULATED: 12/13/2016 CL  
PRINTED: 12/14/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>



# BARGE "HSM 3007"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	385	0	13,243	0	28,159	0	43,171	0	58,179	0	73,189	0	88,202	0	103,215	0	118,223	0	133,230
1/4	562	1/4	13,544	1/4	28,472	1/4	43,484	1/4	58,492	1/4	73,502	1/4	88,515	1/4	103,528	1/4	118,536	1/4	133,542
1/2	739	1/2	13,845	1/2	28,784	1/2	43,797	1/2	58,804	1/2	73,815	1/2	88,828	1/2	103,841	1/2	118,849	1/2	133,855
3/4	915	3/4	14,146	3/4	29,097	3/4	44,109	3/4	59,117	3/4	74,128	3/4	89,141	3/4	104,153	3/4	119,161	3/4	134,168
1	1,092	1	14,447	1	29,410	1	44,422	1	59,429	1	74,440	1	89,453	1	104,466	1	119,474	1	134,480
1/4	1,331	1/4	14,753	1/4	29,723	1/4	44,735	1/4	59,742	1/4	74,753	1/4	89,766	1/4	104,779	1/4	119,787	1/4	134,793
1/2	1,569	1/2	15,058	1/2	30,035	1/2	45,048	1/2	60,054	1/2	75,066	1/2	90,079	1/2	105,092	1/2	120,099	1/2	135,106
3/4	1,808	3/4	15,363	3/4	30,348	3/4	45,361	3/4	60,367	3/4	75,379	3/4	90,392	3/4	105,404	3/4	120,412	3/4	135,418
2	2,046	2	15,668	2	30,661	2	45,673	2	60,680	2	75,691	2	90,704	2	105,717	2	120,724	2	135,731
1/4	2,308	1/4	15,977	1/4	30,974	1/4	45,986	1/4	60,992	1/4	76,004	1/4	91,017	1/4	106,030	1/4	121,037	1/4	136,043
1/2	2,570	1/2	16,286	1/2	31,286	1/2	46,299	1/2	61,305	1/2	76,317	1/2	91,330	1/2	106,343	1/2	121,350	1/2	136,356
3/4	2,832	3/4	16,594	3/4	31,599	3/4	46,612	3/4	61,617	3/4	76,630	3/4	91,643	3/4	106,656	3/4	121,662	3/4	136,669
3	3,093	3	16,903	3	31,912	3	46,924	3	61,930	3	76,943	3	91,955	3	106,968	3	121,975	3	136,981
1/4	3,360	1/4	17,215	1/4	32,225	1/4	47,237	1/4	62,243	1/4	77,255	1/4	92,268	1/4	107,281	1/4	122,288	1/4	137,294
1/2	3,626	1/2	17,527	1/2	32,537	1/2	47,550	1/2	62,555	1/2	77,568	1/2	92,581	1/2	107,594	1/2	122,600	1/2	137,607
3/4	3,892	3/4	17,839	3/4	32,850	3/4	47,863	3/4	62,868	3/4	77,881	3/4	92,894	3/4	107,906	3/4	122,913	3/4	137,919
4	4,158	4	18,151	4	33,163	4	48,175	4	63,181	4	78,194	4	93,206	4	108,219	4	123,225	4	138,232
1/4	4,429	1/4	18,463	1/4	33,476	1/4	48,488	1/4	63,494	1/4	78,506	1/4	93,519	1/4	108,532	1/4	123,538	1/4	138,545
1/2	4,699	1/2	18,776	1/2	33,788	1/2	48,801	1/2	63,806	1/2	78,819	1/2	93,832	1/2	108,844	1/2	123,851	1/2	138,857
3/4	4,970	3/4	19,089	3/4	34,101	3/4	49,114	3/4	64,119	3/4	79,132	3/4	94,145	3/4	109,157	3/4	124,163	3/4	139,170
5	5,240	5	19,402	5	34,414	5	49,426	5	64,432	5	79,445	5	94,458	5	109,470	5	124,476	5	139,482
1/4	5,514	1/4	19,714	1/4	34,727	1/4	49,739	1/4	64,745	1/4	79,757	1/4	94,770	1/4	109,782	1/4	124,789	1/4	139,795
1/2	5,789	1/2	20,027	1/2	35,039	1/2	50,052	1/2	65,057	1/2	80,070	1/2	95,083	1/2	110,095	1/2	125,101	1/2	140,108
3/4	6,063	3/4	20,340	3/4	35,352	3/4	50,365	3/4	65,370	3/4	80,383	3/4	95,396	3/4	110,408	3/4	125,414	3/4	140,420
6	6,337	6	20,653	6	35,665	6	50,677	6	65,683	6	80,696	6	95,709	6	110,720	6	125,727	6	140,733
1/4	6,615	1/4	20,965	1/4	35,978	1/4	50,990	1/4	65,996	1/4	81,009	1/4	96,021	1/4	111,033	1/4	126,039	1/4	141,046
1/2	6,893	1/2	21,278	1/2	36,291	1/2	51,303	1/2	66,308	1/2	81,321	1/2	96,334	1/2	111,345	1/2	126,352	1/2	141,358
3/4	7,171	3/4	21,591	3/4	36,603	3/4	51,616	3/4	66,621	3/4	81,634	3/4	96,647	3/4	111,658	3/4	126,664	3/4	141,671
7	7,449	7	21,904	7	36,916	7	51,928	7	66,934	7	81,947	7	96,960	7	111,971	7	126,977	7	141,984
1/4	7,731	1/4	22,216	1/4	37,229	1/4	52,241	1/4	67,247	1/4	82,260	1/4	97,272	1/4	112,283	1/4	127,290	1/4	142,296
1/2	8,013	1/2	22,529	1/2	37,542	1/2	52,553	1/2	67,560	1/2	82,572	1/2	97,585	1/2	112,596	1/2	127,602	1/2	142,609
3/4	8,295	3/4	22,842	3/4	37,854	3/4	52,866	3/4	67,872	3/4	82,885	3/4	97,898	3/4	112,909	3/4	127,915	3/4	142,921
8	8,577	8	23,155	8	38,167	8	53,179	8	68,185	8	83,198	8	98,211	8	113,221	8	128,228	8	143,234
1/4	8,863	1/4	23,467	1/4	38,480	1/4	53,491	1/4	68,498	1/4	83,511	1/4	98,524	1/4	113,534	1/4	128,540	1/4	143,547
1/2	9,149	1/2	23,780	1/2	38,793	1/2	53,804	1/2	68,811	1/2	83,823	1/2	98,836	1/2	113,846	1/2	128,853	1/2	143,859
3/4	9,435	3/4	24,093	3/4	39,105	3/4	54,116	3/4	69,123	3/4	84,136	3/4	99,149	3/4	114,159	3/4	129,165	3/4	144,172
9	9,721	9	24,406	9	39,418	9	54,429	9	69,436	9	84,449	9	99,462	9	114,472	9	129,478	9	144,485
1/4	10,010	1/4	24,718	1/4	39,731	1/4	54,741	1/4	69,749	1/4	84,762	1/4	99,775	1/4	114,784	1/4	129,791	1/4	144,797
1/2	10,300	1/2	25,031	1/2	40,044	1/2	55,054	1/2	70,062	1/2	85,075	1/2	100,087	1/2	115,097	1/2	130,103	1/2	145,110
3/4	10,589	3/4	25,344	3/4	40,356	3/4	55,366	3/4	70,374	3/4	85,387	3/4	100,400	3/4	115,410	3/4	130,416	3/4	145,423
10	10,879	10	25,657	10	40,669	10	55,679	10	70,687	10	85,700	10	100,713	10	115,722	10	130,729	10	145,735
1/4	11,173	1/4	25,969	1/4	40,982	1/4	55,991	1/4	71,000	1/4	86,013	1/4	101,026	1/4	116,035	1/4	131,041	1/4	146,048
1/2	11,466	1/2	26,282	1/2	41,295	1/2	56,304	1/2	71,313	1/2	86,326	1/2	101,338	1/2	116,348	1/2	131,354	1/2	146,360
3/4	11,760	3/4	26,595	3/4	41,607	3/4	56,617	3/4	71,625	3/4	86,638	3/4	101,651	3/4	116,660	3/4	131,667	3/4	146,673
11	12,053	11	26,908	11	41,920	11	56,929	11	71,938	11	86,951	11	101,964	11	116,973	11	131,979	11	146,986
1/4	12,351	1/4	27,221	1/4	42,233	1/4	57,242	1/4	72,251	1/4	87,264	1/4	102,277	1/4	117,285	1/4	132,292	1/4	147,298
1/2	12,648	1/2	27,533	1/2	42,546	1/2	57,554	1/2	72,564	1/2	87,577	1/2	102,590	1/2	117,598	1/2	132,604	1/2	147,611
3/4	12,945	3/4	27,846	3/4	42,858	3/4	57,867	3/4	72,877	3/4	87,889	3/4	102,902	3/4	117,911	3/4	132,917	3/4	147,924

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "HSM 3007"

## 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	148,236	0	163,243	0	178,240	0	193,203	0	208,094	0		0		0		0		0	
1/4	148,549	1/4	163,556	1/4	178,552	1/4	193,515	1/4	208,374	1/4		1/4		1/4		1/4		1/4	
1/2	148,862	1/2	163,868	1/2	178,864	1/2	193,827	1/2	208,654	1/2		1/2		1/2		1/2		1/2	
3/4	149,174	3/4	164,181	3/4	179,176	3/4	194,138	3/4	208,933	3/4		3/4		3/4		3/4		3/4	
1	149,487	1	164,493	1	179,487	1	194,450	1	209,213	1		1		1		1		1	
1/4	149,799	1/4	164,806	1/4	179,799	1/4	194,762	1/4	209,445	1/4		1/4		1/4		1/4		1/4	
1/2	150,112	1/2	165,119	1/2	180,111	1/2	195,074	1/2	209,676	1/2		1/2		1/2		1/2		1/2	
3/4	150,425	3/4	165,431	3/4	180,423	3/4	195,385	3/4	209,908	3/4		3/4		3/4		3/4		3/4	
2	150,737	2	165,744	2	180,734	2	195,697	2	210,139	2		2		2		2		2	
1/4	151,050	1/4	166,057	1/4	181,046	1/4	196,009	1/4	210,319	1/4		1/4		1/4		1/4		1/4	
1/2	151,363	1/2	166,369	1/2	181,358	1/2	196,321	1/2	210,498	1/2		1/2		1/2		1/2		1/2	
3/4	151,675	3/4	166,682	3/4	181,669	3/4	196,632	3/4	210,678	3/4		3/4		3/4		3/4		3/4	
3	151,988	3	166,995	3	181,981	3	196,944	3	210,857	3		3		3		3		3	
1/4	152,301	1/4	167,307	1/4	182,293	1/4	197,256	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,613	1/2	167,620	1/2	182,605	1/2	197,567	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,926	3/4	167,933	3/4	182,916	3/4	197,879	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,239	4	168,245	4	183,228	4	198,191	4		4		4		4		4		4	
1/4	153,551	1/4	168,558	1/4	183,540	1/4	198,503	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,864	1/2	168,870	1/2	183,852	1/2	198,814	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,176	3/4	169,183	3/4	184,163	3/4	199,126	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,489	5	169,496	5	184,475	5	199,438	5		5		5		5		5		5	
1/4	154,802	1/4	169,808	1/4	184,787	1/4	199,748	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,114	1/2	170,121	1/2	185,098	1/2	200,059	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,427	3/4	170,434	3/4	185,410	3/4	200,370	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,740	6	170,746	6	185,722	6	200,680	6		6		6		6		6		6	
1/4	156,052	1/4	171,059	1/4	186,034	1/4	200,990	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,365	1/2	171,372	1/2	186,345	1/2	201,300	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,678	3/4	171,684	3/4	186,657	3/4	201,609	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,990	7	171,997	7	186,969	7	201,919	7		7		7		7		7		7	
1/4	157,303	1/4	172,309	1/4	187,280	1/4	202,228	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,615	1/2	172,622	1/2	187,592	1/2	202,538	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,928	3/4	172,935	3/4	187,904	3/4	202,848	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,241	8	173,247	8	188,216	8	203,157	8		8		8		8		8		8	
1/4	158,553	1/4	173,560	1/4	188,527	1/4	203,467	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,866	1/2	173,873	1/2	188,839	1/2	203,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,179	3/4	174,185	3/4	189,151	3/4	204,087	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,491	9	174,498	9	189,463	9	204,396	9		9		9		9		9		9	
1/4	159,804	1/4	174,810	1/4	189,774	1/4	204,706	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,117	1/2	175,122	1/2	190,086	1/2	205,016	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,429	3/4	175,434	3/4	190,398	3/4	205,325	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,742	10	175,747	10	190,709	10	205,635	10		10		10		10		10		10	
1/4	161,054	1/4	176,058	1/4	191,021	1/4	205,944	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,367	1/2	176,370	1/2	191,333	1/2	206,253	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,680	3/4	176,682	3/4	191,645	3/4	206,562	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,992	11	176,994	11	191,956	11	206,872	11		11		11		11		11		11	
1/4	162,305	1/4	177,305	1/4	192,268	1/4	207,177	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,618	1/2	177,617	1/2	192,580	1/2	207,483	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,930	3/4	177,929	3/4	192,892	3/4	207,788	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/13/2016 SW  
CALCULATED: 12/13/2016 CL  
PRINTED: 12/14/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "HSM 3007"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/2"

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	1,031	0	15,687	0	30,741	0	45,424	0	59,902	0	74,747	0	89,804	0	104,861	0	119,913	0	134,962
1/4	1,266	1/4	16,001	1/4	31,055	1/4	45,725	1/4	60,204	1/4	75,061	1/4	90,118	1/4	105,175	1/4	120,226	1/4	135,275
1/2	1,501	1/2	16,314	1/2	31,369	1/2	46,026	1/2	60,506	1/2	75,374	1/2	90,431	1/2	105,488	1/2	120,540	1/2	135,589
3/4	1,737	3/4	16,628	3/4	31,682	3/4	46,327	3/4	60,808	3/4	75,688	3/4	90,745	3/4	105,802	3/4	120,853	3/4	135,902
1	1,972	1	16,942	1	31,996	1	46,628	1	61,110	1	76,002	1	91,059	1	106,116	1	121,167	1	136,216
1/4	2,265	1/4	17,255	1/4	32,310	1/4	46,929	1/4	61,411	1/4	76,316	1/4	91,372	1/4	106,429	1/4	121,480	1/4	136,530
1/2	2,558	1/2	17,569	1/2	32,623	1/2	47,230	1/2	61,713	1/2	76,629	1/2	91,686	1/2	106,743	1/2	121,794	1/2	136,843
3/4	2,852	3/4	17,883	3/4	32,937	3/4	47,531	3/4	62,015	3/4	76,943	3/4	92,000	3/4	107,057	3/4	122,107	3/4	137,157
2	3,145	2	18,196	2	33,251	2	47,832	2	62,317	2	77,257	2	92,314	2	107,370	2	122,421	2	137,470
1/4	3,458	1/4	18,510	1/4	33,564	1/4	48,133	1/4	62,619	1/4	77,570	1/4	92,627	1/4	107,684	1/4	122,734	1/4	137,784
1/2	3,770	1/2	18,824	1/2	33,878	1/2	48,435	1/2	62,921	1/2	77,884	1/2	92,941	1/2	107,998	1/2	123,048	1/2	138,097
3/4	4,083	3/4	19,137	3/4	34,192	3/4	48,736	3/4	63,223	3/4	78,198	3/4	93,255	3/4	108,311	3/4	123,361	3/4	138,411
3	4,396	3	19,451	3	34,505	3	49,037	3	63,525	3	78,511	3	93,568	3	108,625	3	123,675	3	138,724
1/4	4,709	1/4	19,765	1/4	34,819	1/4	49,338	1/4	63,827	1/4	78,825	1/4	93,882	1/4	108,939	1/4	123,988	1/4	139,038
1/2	5,023	1/2	20,078	1/2	35,133	1/2	49,639	1/2	64,129	1/2	79,139	1/2	94,196	1/2	109,252	1/2	124,302	1/2	139,351
3/4	5,336	3/4	20,392	3/4	35,446	3/4	49,940	3/4	64,431	3/4	79,452	3/4	94,509	3/4	109,566	3/4	124,615	3/4	139,665
4	5,649	4	20,706	4	35,760	4	50,242	4	64,733	4	79,766	4	94,823	4	109,880	4	124,929	4	139,978
1/4	5,963	1/4	21,019	1/4	36,068	1/4	50,543	1/4	65,040	1/4	80,080	1/4	95,137	1/4	110,193	1/4	125,242	1/4	140,292
1/2	6,277	1/2	21,333	1/2	36,376	1/2	50,845	1/2	65,348	1/2	80,393	1/2	95,450	1/2	110,507	1/2	125,556	1/2	140,605
3/4	6,590	3/4	21,647	3/4	36,683	3/4	51,146	3/4	65,656	3/4	80,707	3/4	95,764	3/4	110,820	3/4	125,870	3/4	140,919
5	6,904	5	21,961	5	36,991	5	51,448	5	65,964	5	81,021	5	96,078	5	111,134	5	126,183	5	141,232
1/4	7,218	1/4	22,274	1/4	37,293	1/4	51,750	1/4	66,278	1/4	81,335	1/4	96,391	1/4	111,447	1/4	126,497	1/4	141,546
1/2	7,531	1/2	22,588	1/2	37,595	1/2	52,052	1/2	66,591	1/2	81,648	1/2	96,705	1/2	111,761	1/2	126,810	1/2	141,859
3/4	7,845	3/4	22,902	3/4	37,897	3/4	52,354	3/4	66,905	3/4	81,962	3/4	97,019	3/4	112,074	3/4	127,124	3/4	142,173
6	8,159	6	23,215	6	38,199	6	52,656	6	67,219	6	82,276	6	97,332	6	112,388	6	127,437	6	142,487
1/4	8,472	1/4	23,529	1/4	38,500	1/4	52,958	1/4	67,532	1/4	82,589	1/4	97,646	1/4	112,701	1/4	127,751	1/4	142,800
1/2	8,786	1/2	23,843	1/2	38,802	1/2	53,259	1/2	67,846	1/2	82,903	1/2	97,960	1/2	113,015	1/2	128,064	1/2	143,114
3/4	9,100	3/4	24,156	3/4	39,103	3/4	53,561	3/4	68,160	3/4	83,217	3/4	98,274	3/4	113,328	3/4	128,378	3/4	143,427
7	9,413	7	24,470	7	39,405	7	53,863	7	68,473	7	83,530	7	98,587	7	113,642	7	128,691	7	143,741
1/4	9,727	1/4	24,784	1/4	39,706	1/4	54,165	1/4	68,787	1/4	83,844	1/4	98,901	1/4	113,955	1/4	129,005	1/4	144,054
1/2	10,041	1/2	25,097	1/2	40,007	1/2	54,467	1/2	69,101	1/2	84,158	1/2	99,215	1/2	114,269	1/2	129,318	1/2	144,368
3/4	10,354	3/4	25,411	3/4	40,308	3/4	54,769	3/4	69,414	3/4	84,471	3/4	99,528	3/4	114,583	3/4	129,632	3/4	144,681
8	10,668	8	25,725	8	40,609	8	55,071	8	69,728	8	84,785	8	99,842	8	114,896	8	129,945	8	144,995
1/4	10,982	1/4	26,038	1/4	40,910	1/4	55,373	1/4	70,042	1/4	85,099	1/4	100,156	1/4	115,210	1/4	130,259	1/4	145,308
1/2	11,296	1/2	26,352	1/2	41,211	1/2	55,675	1/2	70,355	1/2	85,412	1/2	100,469	1/2	115,523	1/2	130,572	1/2	145,622
3/4	11,609	3/4	26,665	3/4	41,512	3/4	55,977	3/4	70,669	3/4	85,726	3/4	100,783	3/4	115,837	3/4	130,886	3/4	145,935
9	11,923	9	26,979	9	41,813	9	56,279	9	70,983	9	86,040	9	101,097	9	116,150	9	131,200	9	146,249
1/4	12,237	1/4	27,293	1/4	42,114	1/4	56,581	1/4	71,297	1/4	86,353	1/4	101,410	1/4	116,464	1/4	131,513	1/4	146,562
1/2	12,550	1/2	27,606	1/2	42,415	1/2	56,883	1/2	71,610	1/2	86,667	1/2	101,724	1/2	116,777	1/2	131,827	1/2	146,876
3/4	12,864	3/4	27,919	3/4	42,716	3/4	57,185	3/4	71,924	3/4	86,981	3/4	102,038	3/4	117,091	3/4	132,140	3/4	147,189
10	13,178	10	28,233	10	43,017	10	57,486	10	72,238	10	87,295	10	102,351	10	117,404	10	132,454	10	147,503
1/4	13,491	1/4	28,546	1/4	43,317	1/4	57,788	1/4	72,551	1/4	87,608	1/4	102,665	1/4	117,718	1/4	132,767	1/4	147,817
1/2	13,805	1/2	28,860	1/2	43,618	1/2	58,090	1/2	72,865	1/2	87,922	1/2	102,979	1/2	118,031	1/2	133,081	1/2	148,130
3/4	14,119	3/4	29,173	3/4	43,919	3/4	58,392	3/4	73,179	3/4	88,236	3/4	103,293	3/4	118,345	3/4	133,394	3/4	148,444
11	14,432	11	29,487	11	44,220	11	58,694	11	73,492	11	88,549	11	103,606	11	118,658	11	133,708	11	148,757
1/4	14,746	1/4	29,800	1/4	44,521	1/4	58,996	1/4	73,806	1/4	88,863	1/4	103,920	1/4	118,972	1/4	134,021	1/4	149,071
1/2	15,060	1/2	30,114	1/2	44,822	1/2	59,298	1/2	74,120	1/2	89,177	1/2	104,234	1/2	119,285	1/2	134,335	1/2	149,384
3/4	15,373	3/4	30,428	3/4	45,123	3/4	59,600	3/4	74,433	3/4	89,490	3/4	104,547	3/4	119,599	3/4	134,648	3/4	149,698

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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





# BARGE "HSM 3007"

## 2 PORT 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	150,011	0	165,061	0	180,099	0	195,098	0	209,999	0		0		0		0		0	
1/4	150,325	1/4	165,374	1/4	180,412	1/4	195,410	1/4	210,279	1/4		1/4		1/4		1/4		1/4	
1/2	150,638	1/2	165,688	1/2	180,724	1/2	195,723	1/2	210,558	1/2		1/2		1/2		1/2		1/2	
3/4	150,952	3/4	166,001	3/4	181,037	3/4	196,035	3/4	210,838	3/4		3/4		3/4		3/4		3/4	
1	151,265	1	166,315	1	181,349	1	196,347	1	211,117	1		1		1		1		1	
1/4	151,579	1/4	166,628	1/4	181,662	1/4	196,660	1/4	211,349	1/4		1/4		1/4		1/4		1/4	
1/2	151,892	1/2	166,942	1/2	181,974	1/2	196,972	1/2	211,580	1/2		1/2		1/2		1/2		1/2	
3/4	152,206	3/4	167,255	3/4	182,287	3/4	197,285	3/4	211,811	3/4		3/4		3/4		3/4		3/4	
2	152,519	2	167,569	2	182,599	2	197,597	2	212,042	2		2		2		2		2	
1/4	152,833	1/4	167,882	1/4	182,911	1/4	197,910	1/4	212,221	1/4		1/4		1/4		1/4		1/4	
1/2	153,147	1/2	168,196	1/2	183,224	1/2	198,222	1/2	212,400	1/2		1/2		1/2		1/2		1/2	
3/4	153,460	3/4	168,509	3/4	183,536	3/4	198,535	3/4	212,578	3/4		3/4		3/4		3/4		3/4	
3	153,774	3	168,823	3	183,849	3	198,847	3	212,757	3		3		3		3		3	
1/4	154,087	1/4	169,136	1/4	184,161	1/4	199,160	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,401	1/2	169,450	1/2	184,474	1/2	199,472	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,714	3/4	169,764	3/4	184,786	3/4	199,785	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,028	4	170,077	4	185,099	4	200,097	4		4		4		4		4		4	
1/4	155,341	1/4	170,391	1/4	185,411	1/4	200,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,655	1/2	170,704	1/2	185,724	1/2	200,722	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,968	3/4	171,018	3/4	186,036	3/4	201,034	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,282	5	171,331	5	186,349	5	201,347	5		5		5		5		5		5	
1/4	156,595	1/4	171,645	1/4	186,661	1/4	201,658	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,909	1/2	171,958	1/2	186,974	1/2	201,969	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,222	3/4	172,272	3/4	187,286	3/4	202,280	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,536	6	172,585	6	187,598	6	202,591	6		6		6		6		6		6	
1/4	157,849	1/4	172,899	1/4	187,911	1/4	202,900	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,163	1/2	173,212	1/2	188,223	1/2	203,209	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,476	3/4	173,526	3/4	188,536	3/4	203,519	3/4		3/4		3/4		3/4		3/4		3/4	
7	158,790	7	173,839	7	188,848	7	203,828	7		7		7		7		7		7	
1/4	159,104	1/4	174,153	1/4	189,161	1/4	204,137	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,417	1/2	174,466	1/2	189,473	1/2	204,447	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,731	3/4	174,780	3/4	189,786	3/4	204,756	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,044	8	175,094	8	190,098	8	205,066	8		8		8		8		8		8	
1/4	160,358	1/4	175,407	1/4	190,411	1/4	205,375	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,671	1/2	175,721	1/2	190,723	1/2	205,685	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,985	3/4	176,034	3/4	191,036	3/4	205,994	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,298	9	176,348	9	191,348	9	206,304	9		9		9		9		9		9	
1/4	161,612	1/4	176,661	1/4	191,660	1/4	206,613	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,925	1/2	176,974	1/2	191,973	1/2	206,923	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,239	3/4	177,287	3/4	192,285	3/4	207,232	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,552	10	177,600	10	192,598	10	207,542	10		10		10		10		10		10	
1/4	162,866	1/4	177,912	1/4	192,910	1/4	207,851	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,179	1/2	178,225	1/2	193,223	1/2	208,160	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,493	3/4	178,537	3/4	193,535	3/4	208,469	3/4		3/4		3/4		3/4		3/4		3/4	
11	163,806	11	178,849	11	193,848	11	208,778	11		11		11		11		11		11	
1/4	164,120	1/4	179,162	1/4	194,160	1/4	209,083	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,434	1/2	179,474	1/2	194,473	1/2	209,388	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,747	3/4	179,787	3/4	194,785	3/4	209,694	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/13/2016 SW  
CALCULATED: 12/13/2016 CL  
PRINTED: 12/14/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "HSM 3007"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,032	0	15,695	0	30,757	0	45,801	0	60,850	0	75,914	0	90,979	0	106,043	0	121,102	0	136,158
1/4	1,267	1/4	16,009	1/4	31,071	1/4	46,114	1/4	61,164	1/4	76,228	1/4	91,292	1/4	106,357	1/4	121,415	1/4	136,472
1/2	1,502	1/2	16,323	1/2	31,385	1/2	46,427	1/2	61,478	1/2	76,542	1/2	91,606	1/2	106,670	1/2	121,729	1/2	136,786
3/4	1,738	3/4	16,637	3/4	31,699	3/4	46,740	3/4	61,792	3/4	76,856	3/4	91,920	3/4	106,984	3/4	122,043	3/4	137,099
1	1,973	1	16,951	1	32,012	1	47,052	1	62,105	1	77,170	1	92,234	1	107,298	1	122,356	1	137,413
1/4	2,266	1/4	17,264	1/4	32,326	1/4	47,365	1/4	62,419	1/4	77,483	1/4	92,548	1/4	107,612	1/4	122,670	1/4	137,727
1/2	2,560	1/2	17,578	1/2	32,640	1/2	47,678	1/2	62,733	1/2	77,797	1/2	92,862	1/2	107,926	1/2	122,984	1/2	138,040
3/4	2,853	3/4	17,892	3/4	32,954	3/4	47,991	3/4	63,047	3/4	78,111	3/4	93,175	3/4	108,240	3/4	123,297	3/4	138,354
2	3,147	2	18,206	2	33,268	2	48,304	2	63,361	2	78,425	2	93,489	2	108,553	2	123,611	2	138,668
1/4	3,460	1/4	18,520	1/4	33,582	1/4	48,617	1/4	63,675	1/4	78,739	1/4	93,803	1/4	108,867	1/4	123,925	1/4	138,981
1/2	3,772	1/2	18,834	1/2	33,895	1/2	48,930	1/2	63,988	1/2	79,053	1/2	94,117	1/2	109,181	1/2	124,238	1/2	139,295
3/4	4,085	3/4	19,147	3/4	34,209	3/4	49,243	3/4	64,302	3/4	79,367	3/4	94,431	3/4	109,495	3/4	124,552	3/4	139,609
3	4,398	3	19,461	3	34,523	3	49,556	3	64,616	3	79,680	3	94,745	3	109,809	3	124,866	3	139,922
1/4	4,712	1/4	19,775	1/4	34,837	1/4	49,869	1/4	64,930	1/4	79,994	1/4	95,058	1/4	110,123	1/4	125,179	1/4	140,236
1/2	5,025	1/2	20,089	1/2	35,151	1/2	50,182	1/2	65,244	1/2	80,308	1/2	95,372	1/2	110,436	1/2	125,493	1/2	140,550
3/4	5,339	3/4	20,403	3/4	35,465	3/4	50,496	3/4	65,558	3/4	80,622	3/4	95,686	3/4	110,750	3/4	125,807	3/4	140,863
4	5,653	4	20,717	4	35,778	4	50,809	4	65,871	4	80,936	4	96,000	4	111,064	4	126,120	4	141,177
1/4	5,966	1/4	21,030	1/4	36,092	1/4	51,122	1/4	66,185	1/4	81,250	1/4	96,314	1/4	111,378	1/4	126,434	1/4	141,491
1/2	6,280	1/2	21,344	1/2	36,406	1/2	51,436	1/2	66,499	1/2	81,563	1/2	96,628	1/2	111,691	1/2	126,748	1/2	141,805
3/4	6,594	3/4	21,658	3/4	36,720	3/4	51,749	3/4	66,813	3/4	81,877	3/4	96,941	3/4	112,005	3/4	127,062	3/4	142,118
5	6,908	5	21,972	5	37,034	5	52,063	5	67,127	5	82,191	5	97,255	5	112,319	5	127,375	5	142,432
1/4	7,222	1/4	22,286	1/4	37,348	1/4	52,376	1/4	67,441	1/4	82,505	1/4	97,569	1/4	112,632	1/4	127,689	1/4	142,746
1/2	7,535	1/2	22,600	1/2	37,661	1/2	52,690	1/2	67,755	1/2	82,819	1/2	97,883	1/2	112,946	1/2	128,003	1/2	143,059
3/4	7,849	3/4	22,913	3/4	37,975	3/4	53,004	3/4	68,068	3/4	83,133	3/4	98,197	3/4	113,260	3/4	128,316	3/4	143,373
6	8,163	6	23,227	6	38,289	6	53,318	6	68,382	6	83,446	6	98,511	6	113,573	6	128,630	6	143,687
1/4	8,477	1/4	23,541	1/4	38,603	1/4	53,632	1/4	68,696	1/4	83,760	1/4	98,824	1/4	113,887	1/4	128,944	1/4	144,000
1/2	8,791	1/2	23,855	1/2	38,916	1/2	53,946	1/2	69,010	1/2	84,074	1/2	99,138	1/2	114,201	1/2	129,257	1/2	144,314
3/4	9,105	3/4	24,169	3/4	39,229	3/4	54,259	3/4	69,324	3/4	84,388	3/4	99,452	3/4	114,514	3/4	129,571	3/4	144,628
7	9,418	7	24,483	7	39,543	7	54,573	7	69,638	7	84,702	7	99,766	7	114,828	7	129,885	7	144,941
1/4	9,732	1/4	24,796	1/4	39,856	1/4	54,887	1/4	69,951	1/4	85,016	1/4	100,080	1/4	115,142	1/4	130,198	1/4	145,255
1/2	10,046	1/2	25,110	1/2	40,168	1/2	55,201	1/2	70,265	1/2	85,329	1/2	100,394	1/2	115,455	1/2	130,512	1/2	145,569
3/4	10,360	3/4	25,424	3/4	40,481	3/4	55,515	3/4	70,579	3/4	85,643	3/4	100,708	3/4	115,769	3/4	130,826	3/4	145,882
8	10,674	8	25,738	8	40,794	8	55,829	8	70,893	8	85,957	8	101,021	8	116,083	8	131,139	8	146,196
1/4	10,988	1/4	26,052	1/4	41,107	1/4	56,143	1/4	71,207	1/4	86,271	1/4	101,335	1/4	116,396	1/4	131,453	1/4	146,510
1/2	11,301	1/2	26,365	1/2	41,420	1/2	56,456	1/2	71,521	1/2	86,585	1/2	101,649	1/2	116,710	1/2	131,767	1/2	146,823
3/4	11,615	3/4	26,679	3/4	41,733	3/4	56,770	3/4	71,834	3/4	86,899	3/4	101,963	3/4	117,024	3/4	132,080	3/4	147,137
9	11,929	9	26,993	9	42,046	9	57,084	9	72,148	9	87,212	9	102,277	9	117,337	9	132,394	9	147,451
1/4	12,243	1/4	27,307	1/4	42,359	1/4	57,398	1/4	72,462	1/4	87,526	1/4	102,591	1/4	117,651	1/4	132,708	1/4	147,764
1/2	12,557	1/2	27,620	1/2	42,672	1/2	57,712	1/2	72,776	1/2	87,840	1/2	102,904	1/2	117,965	1/2	133,021	1/2	148,078
3/4	12,871	3/4	27,934	3/4	42,985	3/4	58,026	3/4	73,090	3/4	88,154	3/4	103,218	3/4	118,278	3/4	133,335	3/4	148,392
10	13,184	10	28,248	10	43,298	10	58,339	10	73,404	10	88,468	10	103,532	10	118,592	10	133,649	10	148,705
1/4	13,498	1/4	28,561	1/4	43,610	1/4	58,653	1/4	73,717	1/4	88,782	1/4	103,846	1/4	118,906	1/4	133,963	1/4	149,019
1/2	13,812	1/2	28,875	1/2	43,923	1/2	58,967	1/2	74,031	1/2	89,095	1/2	104,160	1/2	119,220	1/2	134,276	1/2	149,333
3/4	14,126	3/4	29,188	3/4	44,236	3/4	59,281	3/4	74,345	3/4	89,409	3/4	104,474	3/4	119,533	3/4	134,590	3/4	149,647
11	14,440	11	29,502	11	44,549	11	59,595	11	74,659	11	89,723	11	104,787	11	119,847	11	134,904	11	149,960
1/4	14,754	1/4	29,816	1/4	44,862	1/4	59,909	1/4	74,973	1/4	90,037	1/4	105,101	1/4	120,161	1/4	135,217	1/4	150,274
1/2	15,068	1/2	30,130	1/2	45,175	1/2	60,222	1/2	75,287	1/2	90,351	1/2	105,415	1/2	120,474	1/2	135,531	1/2	150,588
3/4	15,381	3/4	30,443	3/4	45,488	3/4	60,536	3/4	75,600	3/4	90,665	3/4	105,729	3/4	120,788	3/4	135,845	3/4	150,901

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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





# BARGE "HSM 3007"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,215	0	166,272	0	181,318	0	196,323	0	211,232	0		0		0		0		0	
1/4	151,529	1/4	166,585	1/4	181,630	1/4	196,636	1/4	211,512	1/4		1/4		1/4		1/4		1/4	
1/2	151,842	1/2	166,899	1/2	181,943	1/2	196,948	1/2	211,791	1/2		1/2		1/2		1/2		1/2	
3/4	152,156	3/4	167,213	3/4	182,255	3/4	197,261	3/4	212,071	3/4		3/4		3/4		3/4		3/4	
1	152,470	1	167,526	1	182,568	1	197,574	1	212,351	1		1		1		1		1	
1/4	152,783	1/4	167,840	1/4	182,881	1/4	197,886	1/4	212,582	1/4		1/4		1/4		1/4		1/4	
1/2	153,097	1/2	168,154	1/2	183,193	1/2	198,199	1/2	212,813	1/2		1/2		1/2		1/2		1/2	
3/4	153,411	3/4	168,467	3/4	183,506	3/4	198,511	3/4	213,045	3/4		3/4		3/4		3/4		3/4	
2	153,724	2	168,781	2	183,819	2	198,824	2	213,276	2		2		2		2		2	
1/4	154,038	1/4	169,095	1/4	184,131	1/4	199,137	1/4	213,455	1/4		1/4		1/4		1/4		1/4	
1/2	154,352	1/2	169,408	1/2	184,444	1/2	199,449	1/2	213,634	1/2		1/2		1/2		1/2		1/2	
3/4	154,665	3/4	169,722	3/4	184,756	3/4	199,762	3/4	213,813	3/4		3/4		3/4		3/4		3/4	
3	154,979	3	170,036	3	185,069	3	200,075	3	213,991	3		3		3		3		3	
1/4	155,293	1/4	170,349	1/4	185,382	1/4	200,387	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,606	1/2	170,663	1/2	185,694	1/2	200,700	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,920	3/4	170,977	3/4	186,007	3/4	201,012	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,234	4	171,290	4	186,319	4	201,325	4		4		4		4		4		4	
1/4	156,548	1/4	171,604	1/4	186,632	1/4	201,638	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,861	1/2	171,918	1/2	186,945	1/2	201,950	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,175	3/4	172,232	3/4	187,257	3/4	202,263	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,489	5	172,545	5	187,570	5	202,576	5		5		5		5		5		5	
1/4	157,802	1/4	172,859	1/4	187,883	1/4	202,887	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,116	1/2	173,173	1/2	188,195	1/2	203,198	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,430	3/4	173,486	3/4	188,508	3/4	203,509	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,743	6	173,800	6	188,820	6	203,820	6		6		6		6		6		6	
1/4	159,057	1/4	174,114	1/4	189,133	1/4	204,129	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,371	1/2	174,427	1/2	189,446	1/2	204,439	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,684	3/4	174,741	3/4	189,758	3/4	204,748	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,998	7	175,055	7	190,071	7	205,058	7		7		7		7		7		7	
1/4	160,312	1/4	175,368	1/4	190,383	1/4	205,367	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,625	1/2	175,682	1/2	190,696	1/2	205,677	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,939	3/4	175,996	3/4	191,009	3/4	205,987	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,253	8	176,309	8	191,321	8	206,296	8		8		8		8		8		8	
1/4	161,566	1/4	176,623	1/4	191,634	1/4	206,606	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,880	1/2	176,937	1/2	191,947	1/2	206,916	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,194	3/4	177,250	3/4	192,259	3/4	207,225	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,507	9	177,564	9	192,572	9	207,535	9		9		9		9		9		9	
1/4	162,821	1/4	177,877	1/4	192,884	1/4	207,845	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,135	1/2	178,190	1/2	193,197	1/2	208,154	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,448	3/4	178,504	3/4	193,510	3/4	208,464	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,762	10	178,817	10	193,822	10	208,773	10		10		10		10		10		10	
1/4	164,076	1/4	179,129	1/4	194,135	1/4	209,083	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,390	1/2	179,442	1/2	194,447	1/2	209,392	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,703	3/4	179,755	3/4	194,760	3/4	209,701	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,017	11	180,067	11	195,073	11	210,010	11		11		11		11		11		11	
1/4	165,331	1/4	180,380	1/4	195,385	1/4	210,316	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,644	1/2	180,692	1/2	195,698	1/2	210,621	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,958	3/4	181,005	3/4	196,011	3/4	210,926	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/13/2016 SW  
CALCULATED: 12/13/2016 CL  
PRINTED: 12/14/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "HSM 3007"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,027	0	15,618	0	30,593	0	45,339	0	59,882	0	74,778	0	89,730	0	104,694	0	119,648	0	134,598
1/4	1,261	1/4	15,930	1/4	30,905	1/4	45,640	1/4	60,194	1/4	75,088	1/4	90,042	1/4	105,006	1/4	119,959	1/4	134,910
1/2	1,496	1/2	16,242	1/2	31,217	1/2	45,942	1/2	60,506	1/2	75,398	1/2	90,353	1/2	105,318	1/2	120,271	1/2	135,221
3/4	1,730	3/4	16,554	3/4	31,529	3/4	46,243	3/4	60,817	3/4	75,708	3/4	90,665	3/4	105,630	3/4	120,582	3/4	135,533
1	1,965	1	16,866	1	31,841	1	46,545	1	61,129	1	76,018	1	90,977	1	105,942	1	120,894	1	135,844
1/4	2,257	1/4	17,178	1/4	32,153	1/4	46,846	1/4	61,440	1/4	76,328	1/4	91,288	1/4	106,253	1/4	121,205	1/4	136,156
1/2	2,549	1/2	17,490	1/2	32,465	1/2	47,148	1/2	61,752	1/2	76,638	1/2	91,600	1/2	106,565	1/2	121,517	1/2	136,467
3/4	2,841	3/4	17,802	3/4	32,777	3/4	47,450	3/4	62,064	3/4	76,948	3/4	91,911	3/4	106,877	3/4	121,828	3/4	136,779
2	3,133	2	18,114	2	33,089	2	47,752	2	62,375	2	77,258	2	92,223	2	107,188	2	122,140	2	137,090
1/4	3,445	1/4	18,426	1/4	33,401	1/4	48,054	1/4	62,686	1/4	77,569	1/4	92,535	1/4	107,500	1/4	122,451	1/4	137,402
1/2	3,756	1/2	18,738	1/2	33,713	1/2	48,356	1/2	62,997	1/2	77,880	1/2	92,846	1/2	107,812	1/2	122,763	1/2	137,713
3/4	4,068	3/4	19,051	3/4	34,025	3/4	48,658	3/4	63,308	3/4	78,191	3/4	93,158	3/4	108,123	3/4	123,074	3/4	138,024
3	4,379	3	19,363	3	34,337	3	48,960	3	63,619	3	78,502	3	93,470	3	108,435	3	123,385	3	138,336
1/4	4,691	1/4	19,675	1/4	34,648	1/4	49,262	1/4	63,929	1/4	78,814	1/4	93,781	1/4	108,746	1/4	123,697	1/4	138,647
1/2	5,004	1/2	19,987	1/2	34,960	1/2	49,565	1/2	64,239	1/2	79,126	1/2	94,093	1/2	109,058	1/2	124,008	1/2	138,959
3/4	5,316	3/4	20,299	3/4	35,271	3/4	49,867	3/4	64,549	3/4	79,438	3/4	94,405	3/4	109,369	3/4	124,320	3/4	139,270
4	5,628	4	20,611	4	35,583	4	50,169	4	64,859	4	79,750	4	94,716	4	109,681	4	124,631	4	139,582
1/4	5,940	1/4	20,923	1/4	35,891	1/4	50,471	1/4	65,169	1/4	80,062	1/4	95,028	1/4	109,992	1/4	124,943	1/4	139,893
1/2	6,252	1/2	21,235	1/2	36,199	1/2	50,773	1/2	65,479	1/2	80,374	1/2	95,339	1/2	110,304	1/2	125,254	1/2	140,205
3/4	6,565	3/4	21,547	3/4	36,506	3/4	51,075	3/4	65,789	3/4	80,685	3/4	95,651	3/4	110,615	3/4	125,566	3/4	140,516
5	6,877	5	21,859	5	36,814	5	51,377	5	66,099	5	80,997	5	95,963	5	110,927	5	125,877	5	140,827
1/4	7,189	1/4	22,171	1/4	37,119	1/4	51,680	1/4	66,408	1/4	81,309	1/4	96,274	1/4	111,238	1/4	126,189	1/4	141,139
1/2	7,501	1/2	22,483	1/2	37,424	1/2	51,982	1/2	66,718	1/2	81,621	1/2	96,586	1/2	111,550	1/2	126,500	1/2	141,450
3/4	7,813	3/4	22,795	3/4	37,728	3/4	52,284	3/4	67,028	3/4	81,933	3/4	96,898	3/4	111,861	3/4	126,812	3/4	141,761
6	8,126	6	23,107	6	38,033	6	52,586	6	67,338	6	82,245	6	97,209	6	112,173	6	127,123	6	142,072
1/4	8,438	1/4	23,419	1/4	38,338	1/4	52,888	1/4	67,648	1/4	82,557	1/4	97,521	1/4	112,484	1/4	127,435	1/4	142,379
1/2	8,750	1/2	23,731	1/2	38,642	1/2	53,190	1/2	67,958	1/2	82,869	1/2	97,833	1/2	112,796	1/2	127,746	1/2	142,686
3/4	9,063	3/4	24,043	3/4	38,947	3/4	53,493	3/4	68,268	3/4	83,181	3/4	98,145	3/4	113,107	3/4	128,057	3/4	142,992
7	9,375	7	24,355	7	39,252	7	53,795	7	68,578	7	83,493	7	98,456	7	113,418	7	128,369	7	143,299
1/4	9,688	1/4	24,667	1/4	39,557	1/4	54,097	1/4	68,888	1/4	83,805	1/4	98,768	1/4	113,730	1/4	128,680	1/4	143,593
1/2	10,000	1/2	24,979	1/2	39,861	1/2	54,399	1/2	69,198	1/2	84,117	1/2	99,080	1/2	114,041	1/2	128,992	1/2	143,888
3/4	10,313	3/4	25,291	3/4	40,166	3/4	54,701	3/4	69,508	3/4	84,429	3/4	99,392	3/4	114,353	3/4	129,303	3/4	144,182
8	10,625	8	25,603	8	40,471	8	55,003	8	69,818	8	84,741	8	99,704	8	114,664	8	129,615	8	144,477
1/4	10,937	1/4	25,915	1/4	40,775	1/4	55,305	1/4	70,128	1/4	85,053	1/4	100,016	1/4	114,976	1/4	129,926	1/4	144,755
1/2	11,250	1/2	26,227	1/2	41,080	1/2	55,608	1/2	70,438	1/2	85,365	1/2	100,328	1/2	115,287	1/2	130,238	1/2	145,033
3/4	11,562	3/4	26,539	3/4	41,385	3/4	55,910	3/4	70,748	3/4	85,677	3/4	100,639	3/4	115,599	3/4	130,549	3/4	145,312
9	11,874	9	26,851	9	41,689	9	56,212	9	71,058	9	85,989	9	100,951	9	115,910	9	130,861	9	145,590
1/4	12,186	1/4	27,162	1/4	41,994	1/4	56,516	1/4	71,368	1/4	86,301	1/4	101,263	1/4	116,222	1/4	131,172	1/4	145,853
1/2	12,498	1/2	27,474	1/2	42,299	1/2	56,819	1/2	71,678	1/2	86,612	1/2	101,575	1/2	116,533	1/2	131,484	1/2	146,115
3/4	12,810	3/4	27,786	3/4	42,603	3/4	57,123	3/4	71,988	3/4	86,924	3/4	101,887	3/4	116,845	3/4	131,795	3/4	146,378
10	13,122	10	28,098	10	42,908	10	57,427	10	72,298	10	87,236	10	102,199	10	117,156	10	132,107	10	146,641
1/4	13,434	1/4	28,410	1/4	43,213	1/4	57,732	1/4	72,608	1/4	87,548	1/4	102,511	1/4	117,468	1/4	132,418	1/4	146,887
1/2	13,746	1/2	28,722	1/2	43,518	1/2	58,038	1/2	72,918	1/2	87,860	1/2	102,823	1/2	117,779	1/2	132,730	1/2	147,134
3/4	14,058	3/4	29,033	3/4	43,822	3/4	58,343	3/4	73,228	3/4	88,172	3/4	103,135	3/4	118,090	3/4	133,041	3/4	147,381
11	14,370	11	29,345	11	44,127	11	58,648	11	73,538	11	88,484	11	103,446	11	118,402	11	133,352	11	147,628
1/4	14,682	1/4	29,657	1/4	44,430	1/4	58,957	1/4	73,848	1/4	88,795	1/4	103,758	1/4	118,713	1/4	133,664	1/4	147,859
1/2	14,994	1/2	29,969	1/2	44,733	1/2	59,265	1/2	74,158	1/2	89,107	1/2	104,070	1/2	119,025	1/2	133,975	1/2	148,090
3/4	15,306	3/4	30,281	3/4	45,036	3/4	59,574	3/4	74,468	3/4	89,418	3/4	104,382	3/4	119,336	3/4	134,287	3/4	148,321

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "HSM 3007"

## 3 PORT 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	148,552	0	158,924	0	169,274	0	179,596	0	189,903	0		0		0		0		0	
1/4	148,771	1/4	159,140	1/4	169,489	1/4	179,811	1/4	190,096	1/4		1/4		1/4		1/4		1/4	
1/2	148,990	1/2	159,356	1/2	169,704	1/2	180,026	1/2	190,289	1/2		1/2		1/2		1/2		1/2	
3/4	149,210	3/4	159,571	3/4	169,919	3/4	180,241	3/4	190,482	3/4		3/4		3/4		3/4		3/4	
1	149,429	1	159,787	1	170,135	1	180,456	1	190,675	1		1		1		1		1	
1/4	149,645	1/4	160,003	1/4	170,350	1/4	180,671	1/4	190,834	1/4		1/4		1/4		1/4		1/4	
1/2	149,861	1/2	160,219	1/2	170,565	1/2	180,886	1/2	190,994	1/2		1/2		1/2		1/2		1/2	
3/4	150,076	3/4	160,434	3/4	170,780	3/4	181,101	3/4	191,153	3/4		3/4		3/4		3/4		3/4	
2	150,292	2	160,650	2	170,995	2	181,316	2	191,313	2		2		2		2		2	
1/4	150,508	1/4	160,866	1/4	171,210	1/4	181,531	1/4	191,436	1/4		1/4		1/4		1/4		1/4	
1/2	150,724	1/2	161,082	1/2	171,425	1/2	181,746	1/2	191,560	1/2		1/2		1/2		1/2		1/2	
3/4	150,940	3/4	161,298	3/4	171,640	3/4	181,961	3/4	191,683	3/4		3/4		3/4		3/4		3/4	
3	151,155	3	161,513	3	171,855	3	182,176	3	191,807	3		3		3		3		3	
1/4	151,371	1/4	161,729	1/4	172,070	1/4	182,391	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,587	1/2	161,945	1/2	172,285	1/2	182,606	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	151,803	3/4	162,161	3/4	172,500	3/4	182,821	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,019	4	162,377	4	172,715	4	183,036	4		4		4		4		4		4	
1/4	152,234	1/4	162,592	1/4	172,930	1/4	183,251	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,450	1/2	162,808	1/2	173,145	1/2	183,467	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,666	3/4	163,024	3/4	173,360	3/4	183,682	3/4		3/4		3/4		3/4		3/4		3/4	
5	152,882	5	163,240	5	173,575	5	183,897	5		5		5		5		5		5	
1/4	153,098	1/4	163,456	1/4	173,790	1/4	184,112	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,313	1/2	163,671	1/2	174,005	1/2	184,327	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,529	3/4	163,887	3/4	174,220	3/4	184,542	3/4		3/4		3/4		3/4		3/4		3/4	
6	153,745	6	164,103	6	174,435	6	184,757	6		6		6		6		6		6	
1/4	153,961	1/4	164,319	1/4	174,650	1/4	184,972	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,177	1/2	164,535	1/2	174,865	1/2	185,187	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,392	3/4	164,750	3/4	175,080	3/4	185,402	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,608	7	164,966	7	175,295	7	185,617	7		7		7		7		7		7	
1/4	154,824	1/4	165,182	1/4	175,510	1/4	185,832	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,040	1/2	165,398	1/2	175,725	1/2	186,047	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,255	3/4	165,614	3/4	175,940	3/4	186,262	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,471	8	165,829	8	176,155	8	186,477	8		8		8		8		8		8	
1/4	155,687	1/4	166,045	1/4	176,370	1/4	186,692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,903	1/2	166,261	1/2	176,585	1/2	186,907	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,119	3/4	166,477	3/4	176,801	3/4	187,123	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,334	9	166,692	9	177,016	9	187,338	9		9		9		9		9		9	
1/4	156,550	1/4	166,908	1/4	177,231	1/4	187,553	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,766	1/2	167,123	1/2	177,446	1/2	187,768	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,982	3/4	167,339	3/4	177,661	3/4	187,983	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,198	10	167,554	10	177,876	10	188,198	10		10		10		10		10		10	
1/4	157,413	1/4	167,769	1/4	178,091	1/4	188,413	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,629	1/2	167,984	1/2	178,306	1/2	188,628	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,845	3/4	168,199	3/4	178,521	3/4	188,842	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,061	11	168,414	11	178,736	11	189,057	11		11		11		11		11		11	
1/4	158,277	1/4	168,629	1/4	178,951	1/4	189,269	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,492	1/2	168,844	1/2	179,166	1/2	189,480	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,708	3/4	169,059	3/4	179,381	3/4	189,692	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/13/2016 SW  
CALCULATED: 12/13/2016 CL  
PRINTED: 12/14/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "HSM 3007"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,027	0	15,632	0	30,635	0	45,623	0	60,625	0	75,629	0	90,633	0	105,637	0	120,624	0	135,608
1/4	1,262	1/4	15,945	1/4	30,948	1/4	45,935	1/4	60,938	1/4	75,942	1/4	90,946	1/4	105,950	1/4	120,937	1/4	135,920
1/2	1,496	1/2	16,257	1/2	31,261	1/2	46,247	1/2	61,250	1/2	76,254	1/2	91,258	1/2	106,262	1/2	121,249	1/2	136,233
3/4	1,731	3/4	16,570	3/4	31,573	3/4	46,560	3/4	61,563	3/4	76,567	3/4	91,571	3/4	106,575	3/4	121,561	3/4	136,545
1	1,965	1	16,882	1	31,886	1	46,872	1	61,876	1	76,879	1	91,883	1	106,887	1	121,873	1	136,857
1/4	2,257	1/4	17,195	1/4	32,198	1/4	47,185	1/4	62,188	1/4	77,192	1/4	92,196	1/4	107,200	1/4	122,185	1/4	137,169
1/2	2,550	1/2	17,507	1/2	32,511	1/2	47,497	1/2	62,501	1/2	77,505	1/2	92,509	1/2	107,512	1/2	122,497	1/2	137,481
3/4	2,842	3/4	17,820	3/4	32,823	3/4	47,809	3/4	62,813	3/4	77,817	3/4	92,821	3/4	107,825	3/4	122,810	3/4	137,793
2	3,134	2	18,133	2	33,136	2	48,122	2	63,126	2	78,130	2	93,134	2	108,137	2	123,122	2	138,106
1/4	3,446	1/4	18,445	1/4	33,449	1/4	48,434	1/4	63,438	1/4	78,442	1/4	93,446	1/4	108,449	1/4	123,434	1/4	138,418
1/2	3,757	1/2	18,758	1/2	33,761	1/2	48,747	1/2	63,751	1/2	78,755	1/2	93,759	1/2	108,762	1/2	123,746	1/2	138,730
3/4	4,069	3/4	19,070	3/4	34,074	3/4	49,060	3/4	64,064	3/4	79,068	3/4	94,071	3/4	109,074	3/4	124,058	3/4	139,042
3	4,380	3	19,383	3	34,386	3	49,372	3	64,376	3	79,380	3	94,384	3	109,386	3	124,370	3	139,354
1/4	4,693	1/4	19,695	1/4	34,699	1/4	49,685	1/4	64,689	1/4	79,693	1/4	94,697	1/4	109,698	1/4	124,683	1/4	139,666
1/2	5,005	1/2	20,008	1/2	35,011	1/2	49,997	1/2	65,001	1/2	80,005	1/2	95,009	1/2	110,011	1/2	124,995	1/2	139,979
3/4	5,317	3/4	20,321	3/4	35,323	3/4	50,310	3/4	65,314	3/4	80,318	3/4	95,322	3/4	110,323	3/4	125,307	3/4	140,291
4	5,630	4	20,633	4	35,636	4	50,623	4	65,627	4	80,630	4	95,634	4	110,635	4	125,619	4	140,603
1/4	5,942	1/4	20,946	1/4	35,948	1/4	50,935	1/4	65,939	1/4	80,943	1/4	95,947	1/4	110,947	1/4	125,931	1/4	140,915
1/2	6,255	1/2	21,258	1/2	36,260	1/2	51,248	1/2	66,252	1/2	81,256	1/2	96,260	1/2	111,259	1/2	126,243	1/2	141,227
3/4	6,567	3/4	21,571	3/4	36,572	3/4	51,560	3/4	66,564	3/4	81,568	3/4	96,572	3/4	111,572	3/4	126,556	3/4	141,539
5	6,880	5	21,883	5	36,884	5	51,873	5	66,877	5	81,881	5	96,885	5	111,884	5	126,868	5	141,851
1/4	7,192	1/4	22,196	1/4	37,196	1/4	52,185	1/4	67,189	1/4	82,193	1/4	97,197	1/4	112,196	1/4	127,180	1/4	142,163
1/2	7,505	1/2	22,509	1/2	37,508	1/2	52,498	1/2	67,502	1/2	82,506	1/2	97,510	1/2	112,508	1/2	127,492	1/2	142,475
3/4	7,818	3/4	22,821	3/4	37,820	3/4	52,811	3/4	67,815	3/4	82,819	3/4	97,822	3/4	112,820	3/4	127,804	3/4	142,787
6	8,130	6	23,134	6	38,132	6	53,123	6	68,127	6	83,131	6	98,135	6	113,132	6	128,116	6	143,099
1/4	8,443	1/4	23,446	1/4	38,444	1/4	53,436	1/4	68,440	1/4	83,444	1/4	98,448	1/4	113,445	1/4	128,429	1/4	143,406
1/2	8,755	1/2	23,759	1/2	38,756	1/2	53,748	1/2	68,752	1/2	83,756	1/2	98,760	1/2	113,757	1/2	128,741	1/2	143,714
3/4	9,068	3/4	24,071	3/4	39,069	3/4	54,061	3/4	69,065	3/4	84,069	3/4	99,073	3/4	114,069	3/4	129,053	3/4	144,021
7	9,380	7	24,384	7	39,381	7	54,374	7	69,378	7	84,381	7	99,385	7	114,381	7	129,365	7	144,329
1/4	9,693	1/4	24,697	1/4	39,693	1/4	54,686	1/4	69,690	1/4	84,694	1/4	99,698	1/4	114,693	1/4	129,677	1/4	144,624
1/2	10,006	1/2	25,009	1/2	40,005	1/2	54,999	1/2	70,003	1/2	85,007	1/2	100,011	1/2	115,005	1/2	129,989	1/2	144,919
3/4	10,318	3/4	25,322	3/4	40,317	3/4	55,311	3/4	70,315	3/4	85,319	3/4	100,323	3/4	115,318	3/4	130,301	3/4	145,214
8	10,631	8	25,634	8	40,629	8	55,624	8	70,628	8	85,632	8	100,636	8	115,630	8	130,614	8	145,509
1/4	10,943	1/4	25,947	1/4	40,941	1/4	55,936	1/4	70,940	1/4	85,944	1/4	100,948	1/4	115,942	1/4	130,926	1/4	145,788
1/2	11,256	1/2	26,259	1/2	41,253	1/2	56,249	1/2	71,253	1/2	86,257	1/2	101,261	1/2	116,254	1/2	131,238	1/2	146,067
3/4	11,568	3/4	26,572	3/4	41,565	3/4	56,562	3/4	71,566	3/4	86,570	3/4	101,573	3/4	116,566	3/4	131,550	3/4	146,346
9	11,881	9	26,885	9	41,877	9	56,874	9	71,878	9	86,882	9	101,886	9	116,878	9	131,862	9	146,625
1/4	12,194	1/4	27,197	1/4	42,189	1/4	57,187	1/4	72,191	1/4	87,195	1/4	102,199	1/4	117,191	1/4	132,174	1/4	146,888
1/2	12,506	1/2	27,510	1/2	42,502	1/2	57,499	1/2	72,503	1/2	87,507	1/2	102,511	1/2	117,503	1/2	132,487	1/2	147,151
3/4	12,819	3/4	27,822	3/4	42,814	3/4	57,812	3/4	72,816	3/4	87,820	3/4	102,824	3/4	117,815	3/4	132,799	3/4	147,414
10	13,131	10	28,135	10	43,126	10	58,125	10	73,128	10	88,132	10	103,136	10	118,127	10	133,111	10	147,677
1/4	13,444	1/4	28,447	1/4	43,438	1/4	58,437	1/4	73,441	1/4	88,445	1/4	103,449	1/4	118,439	1/4	133,423	1/4	147,924
1/2	13,756	1/2	28,760	1/2	43,750	1/2	58,750	1/2	73,754	1/2	88,758	1/2	103,762	1/2	118,751	1/2	133,735	1/2	148,171
3/4	14,069	3/4	29,073	3/4	44,062	3/4	59,062	3/4	74,066	3/4	89,070	3/4	104,074	3/4	119,064	3/4	134,047	3/4	148,418
11	14,382	11	29,385	11	44,374	11	59,375	11	74,379	11	89,383	11	104,387	11	119,376	11	134,360	11	148,665
1/4	14,694	1/4	29,698	1/4	44,686	1/4	59,687	1/4	74,691	1/4	89,695	1/4	104,699	1/4	119,688	1/4	134,672	1/4	148,896
1/2	15,007	1/2	30,010	1/2	44,998	1/2	60,000	1/2	75,004	1/2	90,008	1/2	105,012	1/2	120,000	1/2	134,984	1/2	149,127
3/4	15,319	3/4	30,323	3/4	45,311	3/4	60,313	3/4	75,317	3/4	90,321	3/4	105,324	3/4	120,312	3/4	135,296	3/4	149,358

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "HSM 3007"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,589	0	159,962	0	170,313	0	180,635	0	190,942	0		0		0		0		0	
1/4	149,808	1/4	160,178	1/4	170,528	1/4	180,850	1/4	191,135	1/4		1/4		1/4		1/4		1/4	
1/2	150,028	1/2	160,393	1/2	170,743	1/2	181,065	1/2	191,328	1/2		1/2		1/2		1/2		1/2	
3/4	150,247	3/4	160,609	3/4	170,958	3/4	181,280	3/4	191,521	3/4		3/4		3/4		3/4		3/4	
1	150,467	1	160,825	1	171,173	1	181,495	1	191,714	1		1		1		1		1	
1/4	150,682	1/4	161,041	1/4	171,388	1/4	181,710	1/4	191,873	1/4		1/4		1/4		1/4		1/4	
1/2	150,898	1/2	161,257	1/2	171,603	1/2	181,925	1/2	192,033	1/2		1/2		1/2		1/2		1/2	
3/4	151,114	3/4	161,472	3/4	171,818	3/4	182,140	3/4	192,192	3/4		3/4		3/4		3/4		3/4	
2	151,330	2	161,688	2	172,033	2	182,355	2	192,352	2		2		2		2		2	
1/4	151,546	1/4	161,904	1/4	172,248	1/4	182,570	1/4	192,475	1/4		1/4		1/4		1/4		1/4	
1/2	151,761	1/2	162,120	1/2	172,463	1/2	182,785	1/2	192,599	1/2		1/2		1/2		1/2		1/2	
3/4	151,977	3/4	162,336	3/4	172,678	3/4	183,000	3/4	192,722	3/4		3/4		3/4		3/4		3/4	
3	152,193	3	162,551	3	172,893	3	183,215	3	192,846	3		3		3		3		3	
1/4	152,409	1/4	162,767	1/4	173,108	1/4	183,430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,625	1/2	162,983	1/2	173,323	1/2	183,645	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,840	3/4	163,199	3/4	173,538	3/4	183,860	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,056	4	163,415	4	173,753	4	184,075	4		4		4		4		4		4	
1/4	153,272	1/4	163,630	1/4	173,968	1/4	184,290	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,488	1/2	163,846	1/2	174,183	1/2	184,505	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,704	3/4	164,062	3/4	174,398	3/4	184,720	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,919	5	164,278	5	174,613	5	184,935	5		5		5		5		5		5	
1/4	154,135	1/4	164,494	1/4	174,828	1/4	185,150	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,351	1/2	164,709	1/2	175,044	1/2	185,366	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,567	3/4	164,925	3/4	175,259	3/4	185,581	3/4		3/4		3/4		3/4		3/4		3/4	
6	154,783	6	165,141	6	175,474	6	185,796	6		6		6		6		6		6	
1/4	154,998	1/4	165,357	1/4	175,689	1/4	186,011	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,214	1/2	165,573	1/2	175,904	1/2	186,226	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,430	3/4	165,788	3/4	176,119	3/4	186,441	3/4		3/4		3/4		3/4		3/4		3/4	
7	155,646	7	166,004	7	176,334	7	186,656	7		7		7		7		7		7	
1/4	155,862	1/4	166,220	1/4	176,549	1/4	186,871	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,077	1/2	166,436	1/2	176,764	1/2	187,086	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,293	3/4	166,652	3/4	176,979	3/4	187,301	3/4		3/4		3/4		3/4		3/4		3/4	
8	156,509	8	166,867	8	177,194	8	187,516	8		8		8		8		8		8	
1/4	156,725	1/4	167,083	1/4	177,409	1/4	187,731	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,941	1/2	167,299	1/2	177,624	1/2	187,946	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,156	3/4	167,515	3/4	177,839	3/4	188,162	3/4		3/4		3/4		3/4		3/4		3/4	
9	157,372	9	167,731	9	178,054	9	188,377	9		9		9		9		9		9	
1/4	157,588	1/4	167,946	1/4	178,269	1/4	188,592	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,804	1/2	168,161	1/2	178,484	1/2	188,807	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,020	3/4	168,377	3/4	178,699	3/4	189,022	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,235	10	168,592	10	178,914	10	189,237	10		10		10		10		10		10	
1/4	158,451	1/4	168,807	1/4	179,129	1/4	189,452	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,667	1/2	169,022	1/2	179,344	1/2	189,667	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,883	3/4	169,237	3/4	179,559	3/4	189,882	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,099	11	169,452	11	179,774	11	190,096	11		11		11		11		11		11	
1/4	159,314	1/4	169,668	1/4	179,989	1/4	190,308	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,530	1/2	169,883	1/2	180,205	1/2	190,519	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,746	3/4	170,098	3/4	180,420	3/4	190,731	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/13/2016 SW  
CALCULATED: 12/13/2016 CL  
PRINTED: 12/14/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "HSM 3007"

# PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	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	
1/2	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	
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	
1	193	1	1,347	1	2,502	1	3,656	1	4,810	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	
1/2	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	
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	
2	289	2	1,444	2	2,597	2	3,752	2	4,904	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	
1/2	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	
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	385	3	1,540	3	2,694	3	3,849	3	4,999	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	
1/2	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	
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	
4	481	4	1,636	4	2,790	4	3,945	4	5,093	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	
1/2	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	
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	
5	578	5	1,732	5	2,886	5	4,041	5	5,140	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	
1/2	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	
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	
6	674	6	1,829	6	2,982	6	4,137	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	
1/2	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	
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	
7	770	7	1,925	7	3,079	7	4,234	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	
1/2	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	
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	
8	866	8	2,021	8	3,175	8	4,330	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	
1/2	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	
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	
9	963	9	2,117	9	3,271	9	4,426	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	
1/2	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	
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	
10	1,059	10	2,214	10	3,367	10	4,522	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	
1/2	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	
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	
11	1,155	11	2,310	11	3,464	11	4,619	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	
1/2	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	
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	

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: 12/13/2016 SW  
CALCULATED: 12/13/2016 CL  
PRINTED: 12/14/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2016

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 3007"

# STBD SLOP TANK

## INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	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	
1/2	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	
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	
1	193	1	1,347	1	2,502	1	3,656	1	4,810	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	
1/2	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	
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	
2	289	2	1,444	2	2,597	2	3,752	2	4,904	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	
1/2	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	
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	385	3	1,540	3	2,694	3	3,849	3	4,999	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	
1/2	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	
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	
4	481	4	1,636	4	2,790	4	3,945	4	5,093	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	
1/2	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	
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	
5	578	5	1,732	5	2,886	5	4,041	5	5,140	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	
1/2	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	
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	
6	674	6	1,829	6	2,982	6	4,137	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	
1/2	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	
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	
7	770	7	1,925	7	3,079	7	4,234	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	
1/2	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	
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	
8	866	8	2,021	8	3,175	8	4,330	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	
1/2	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	
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	
9	963	9	2,117	9	3,271	9	4,426	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	
1/2	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	
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	
10	1,059	10	2,214	10	3,367	10	4,522	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	
1/2	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	
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	
11	1,155	11	2,310	11	3,464	11	4,619	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	
1/2	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	
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	

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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 3007"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 1/2"

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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