



# BARGE "HSM 3044"

## INNAGE TRIM TABLE 8" 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	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-1/2	00-1/2
2 PORT	- 00-1/8	00-1/8	- 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
2 STBD	- 00-1/8	00-1/8	- 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
3 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
3 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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"  
 AFT DRAFT = 3'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-09"

May 10, 2019

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

<http://www.pmacorp.net>



# BARGE "HSM 3044"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	530	0	13,594	0	28,541	0	43,453	0	58,504	0	73,561	0	88,618	0	103,675	0	118,732	0	133,790
1/4	744	1/4	13,895	1/4	28,854	1/4	43,765	1/4	58,817	1/4	73,875	1/4	88,932	1/4	103,989	1/4	119,046	1/4	134,103
1/2	959	1/2	14,196	1/2	29,167	1/2	44,077	1/2	59,131	1/2	74,188	1/2	89,245	1/2	104,303	1/2	119,360	1/2	134,417
3/4	1,174	3/4	14,497	3/4	29,479	3/4	44,389	3/4	59,445	3/4	74,502	3/4	89,559	3/4	104,616	3/4	119,673	3/4	134,731
1	1,388	1	14,799	1	29,792	1	44,701	1	59,759	1	74,816	1	89,873	1	104,930	1	119,987	1	135,044
1/4	1,643	1/4	15,104	1/4	30,102	1/4	45,015	1/4	60,072	1/4	75,129	1/4	90,187	1/4	105,244	1/4	120,301	1/4	135,358
1/2	1,899	1/2	15,409	1/2	30,413	1/2	45,329	1/2	60,386	1/2	75,443	1/2	90,500	1/2	105,557	1/2	120,615	1/2	135,672
3/4	2,154	3/4	15,714	3/4	30,723	3/4	45,642	3/4	60,700	3/4	75,757	3/4	90,814	3/4	105,871	3/4	120,928	3/4	135,985
2	2,409	2	16,019	2	31,033	2	45,956	2	61,013	2	76,070	2	91,128	2	106,185	2	121,242	2	136,299
1/4	2,670	1/4	16,328	1/4	31,343	1/4	46,270	1/4	61,327	1/4	76,384	1/4	91,441	1/4	106,498	1/4	121,556	1/4	136,613
1/2	2,931	1/2	16,636	1/2	31,654	1/2	46,584	1/2	61,641	1/2	76,698	1/2	91,755	1/2	106,812	1/2	121,869	1/2	136,926
3/4	3,191	3/4	16,945	3/4	31,964	3/4	46,897	3/4	61,954	3/4	77,012	3/4	92,069	3/4	107,126	3/4	122,183	3/4	137,240
3	3,452	3	17,254	3	32,274	3	47,211	3	62,268	3	77,325	3	92,382	3	107,440	3	122,497	3	137,554
1/4	3,717	1/4	17,566	1/4	32,585	1/4	47,525	1/4	62,582	1/4	77,639	1/4	92,696	1/4	107,753	1/4	122,810	1/4	137,868
1/2	3,983	1/2	17,879	1/2	32,895	1/2	47,838	1/2	62,895	1/2	77,953	1/2	93,010	1/2	108,067	1/2	123,124	1/2	138,181
3/4	4,248	3/4	18,191	3/4	33,205	3/4	48,152	3/4	63,209	3/4	78,266	3/4	93,323	3/4	108,381	3/4	123,438	3/4	138,495
4	4,514	4	18,503	4	33,515	4	48,466	4	63,523	4	78,580	4	93,637	4	108,694	4	123,751	4	138,809
1/4	4,784	1/4	18,817	1/4	33,826	1/4	48,779	1/4	63,837	1/4	78,894	1/4	93,951	1/4	109,008	1/4	124,065	1/4	139,122
1/2	5,054	1/2	19,130	1/2	34,136	1/2	49,093	1/2	64,150	1/2	79,207	1/2	94,265	1/2	109,322	1/2	124,379	1/2	139,436
3/4	5,323	3/4	19,444	3/4	34,446	3/4	49,407	3/4	64,464	3/4	79,521	3/4	94,578	3/4	109,635	3/4	124,693	3/4	139,750
5	5,593	5	19,758	5	34,756	5	49,720	5	64,778	5	79,835	5	94,892	5	109,949	5	125,006	5	140,063
1/4	5,867	1/4	20,072	1/4	35,067	1/4	50,034	1/4	65,091	1/4	80,148	1/4	95,206	1/4	110,263	1/4	125,320	1/4	140,377
1/2	6,141	1/2	20,385	1/2	35,377	1/2	50,348	1/2	65,405	1/2	80,462	1/2	95,519	1/2	110,576	1/2	125,634	1/2	140,691
3/4	6,415	3/4	20,699	3/4	35,687	3/4	50,662	3/4	65,719	3/4	80,776	3/4	95,833	3/4	110,890	3/4	125,947	3/4	141,004
6	6,690	6	21,013	6	35,997	6	50,975	6	66,032	6	81,090	6	96,147	6	111,204	6	126,261	6	141,318
1/4	6,968	1/4	21,326	1/4	36,308	1/4	51,289	1/4	66,346	1/4	81,403	1/4	96,460	1/4	111,518	1/4	126,575	1/4	141,632
1/2	7,246	1/2	21,640	1/2	36,618	1/2	51,603	1/2	66,660	1/2	81,717	1/2	96,774	1/2	111,831	1/2	126,888	1/2	141,945
3/4	7,524	3/4	21,954	3/4	36,928	3/4	51,916	3/4	66,973	3/4	82,031	3/4	97,088	3/4	112,145	3/4	127,202	3/4	142,259
7	7,802	7	22,267	7	37,238	7	52,230	7	67,287	7	82,344	7	97,401	7	112,459	7	127,516	7	142,573
1/4	8,084	1/4	22,581	1/4	37,549	1/4	52,544	1/4	67,601	1/4	82,658	1/4	97,715	1/4	112,772	1/4	127,829	1/4	142,887
1/2	8,366	1/2	22,895	1/2	37,859	1/2	52,857	1/2	67,915	1/2	82,972	1/2	98,029	1/2	113,086	1/2	128,143	1/2	143,200
3/4	8,647	3/4	23,208	3/4	38,169	3/4	53,171	3/4	68,228	3/4	83,285	3/4	98,343	3/4	113,400	3/4	128,457	3/4	143,514
8	8,929	8	23,522	8	38,479	8	53,485	8	68,542	8	83,599	8	98,656	8	113,713	8	128,770	8	143,828
1/4	9,215	1/4	23,836	1/4	38,790	1/4	53,798	1/4	68,856	1/4	83,913	1/4	98,970	1/4	114,027	1/4	129,084	1/4	144,141
1/2	9,501	1/2	24,149	1/2	39,100	1/2	54,112	1/2	69,169	1/2	84,226	1/2	99,284	1/2	114,341	1/2	129,398	1/2	144,455
3/4	9,787	3/4	24,463	3/4	39,410	3/4	54,426	3/4	69,483	3/4	84,540	3/4	99,597	3/4	114,654	3/4	129,712	3/4	144,769
9	10,072	9	24,777	9	39,721	9	54,740	9	69,797	9	84,854	9	99,911	9	114,968	9	130,025	9	145,082
1/4	10,362	1/4	25,090	1/4	40,031	1/4	55,053	1/4	70,110	1/4	85,168	1/4	100,225	1/4	115,282	1/4	130,339	1/4	145,396
1/2	10,652	1/2	25,404	1/2	40,342	1/2	55,367	1/2	70,424	1/2	85,481	1/2	100,538	1/2	115,595	1/2	130,653	1/2	145,710
3/4	10,941	3/4	25,718	3/4	40,652	3/4	55,681	3/4	70,738	3/4	85,795	3/4	100,852	3/4	115,909	3/4	130,966	3/4	146,023
10	11,231	10	26,031	10	40,963	10	55,994	10	71,051	10	86,109	10	101,166	10	116,223	10	131,280	10	146,337
1/4	11,524	1/4	26,345	1/4	41,274	1/4	56,308	1/4	71,365	1/4	86,422	1/4	101,479	1/4	116,537	1/4	131,594	1/4	146,651
1/2	11,818	1/2	26,659	1/2	41,585	1/2	56,622	1/2	71,679	1/2	86,736	1/2	101,793	1/2	116,850	1/2	131,907	1/2	146,965
3/4	12,111	3/4	26,973	3/4	41,896	3/4	56,935	3/4	71,992	3/4	87,050	3/4	102,107	3/4	117,164	3/4	132,221	3/4	147,278
11	12,405	11	27,286	11	42,206	11	57,249	11	72,306	11	87,363	11	102,420	11	117,478	11	132,535	11	147,592
1/4	12,702	1/4	27,600	1/4	42,518	1/4	57,563	1/4	72,620	1/4	87,677	1/4	102,734	1/4	117,791	1/4	132,848	1/4	147,906
1/2	12,999	1/2	27,914	1/2	42,830	1/2	57,876	1/2	72,934	1/2	87,991	1/2	103,048	1/2	118,105	1/2	133,162	1/2	148,219
3/4	13,297	3/4	28,227	3/4	43,141	3/4	58,190	3/4	73,247	3/4	88,304	3/4	103,362	3/4	118,419	3/4	133,476	3/4	148,533

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 LIP OF 8" HATCH  
 GAUGE POINT: (8" HATCH) LOCATED 14'-06" OFF CENTERLINE AND 44'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
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 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "HSM 3044"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,847	0	163,904	0	178,961	0	193,988	0	208,935	0		0		0		0		0	
1/4	149,160	1/4	164,218	1/4	179,275	1/4	194,301	1/4	209,197	1/4		1/4		1/4		1/4		1/4	
1/2	149,474	1/2	164,531	1/2	179,588	1/2	194,614	1/2	209,459	1/2		1/2		1/2		1/2		1/2	
3/4	149,788	3/4	164,845	3/4	179,902	3/4	194,926	3/4	209,721	3/4		3/4		3/4		3/4		3/4	
1	150,101	1	165,159	1	180,216	1	195,239	1	209,984	1		1		1		1		1	
1/4	150,415	1/4	165,472	1/4	180,529	1/4	195,552	1/4	210,202	1/4		1/4		1/4		1/4		1/4	
1/2	150,729	1/2	165,786	1/2	180,843	1/2	195,865	1/2	210,420	1/2		1/2		1/2		1/2		1/2	
3/4	151,043	3/4	166,100	3/4	181,157	3/4	196,178	3/4	210,639	3/4		3/4		3/4		3/4		3/4	
2	151,356	2	166,413	2	181,471	2	196,490	2	210,857	2		2		2		2		2	
1/4	151,670	1/4	166,727	1/4	181,784	1/4	196,803	1/4	211,036	1/4		1/4		1/4		1/4		1/4	
1/2	151,984	1/2	167,041	1/2	182,098	1/2	197,116	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,297	3/4	167,354	3/4	182,412	3/4	197,429	3/4		3/4		3/4		3/4		3/4		3/4	
3	152,611	3	167,668	3	182,725	3	197,742	3		3		3		3		3		3	
1/4	152,925	1/4	167,982	1/4	183,039	1/4	198,054	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,238	1/2	168,296	1/2	183,352	1/2	198,367	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,552	3/4	168,609	3/4	183,666	3/4	198,680	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,866	4	168,923	4	183,979	4	198,993	4		4		4		4		4		4	
1/4	154,179	1/4	169,237	1/4	184,292	1/4	199,305	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,493	1/2	169,550	1/2	184,605	1/2	199,618	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,807	3/4	169,864	3/4	184,918	3/4	199,931	3/4		3/4		3/4		3/4		3/4		3/4	
5	155,121	5	170,178	5	185,230	5	200,244	5		5		5		5		5		5	
1/4	155,434	1/4	170,491	1/4	185,543	1/4	200,557	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,748	1/2	170,805	1/2	185,856	1/2	200,869	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,062	3/4	171,119	3/4	186,169	3/4	201,182	3/4		3/4		3/4		3/4		3/4		3/4	
6	156,375	6	171,432	6	186,481	6	201,495	6		6		6		6		6		6	
1/4	156,689	1/4	171,746	1/4	186,794	1/4	201,808	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,003	1/2	172,060	1/2	187,107	1/2	202,120	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,316	3/4	172,373	3/4	187,420	3/4	202,433	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,630	7	172,687	7	187,733	7	202,746	7		7		7		7		7		7	
1/4	157,944	1/4	173,001	1/4	188,045	1/4	203,059	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,257	1/2	173,315	1/2	188,358	1/2	203,372	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,571	3/4	173,628	3/4	188,671	3/4	203,684	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,885	8	173,942	8	188,984	8	203,997	8		8		8		8		8		8	
1/4	159,198	1/4	174,256	1/4	189,296	1/4	204,310	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,512	1/2	174,569	1/2	189,609	1/2	204,623	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,826	3/4	174,883	3/4	189,922	3/4	204,935	3/4		3/4		3/4		3/4		3/4		3/4	
9	160,140	9	175,197	9	190,235	9	205,248	9		9		9		9		9		9	
1/4	160,453	1/4	175,510	1/4	190,548	1/4	205,560	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,767	1/2	175,824	1/2	190,860	1/2	205,873	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,081	3/4	176,138	3/4	191,173	3/4	206,185	3/4		3/4		3/4		3/4		3/4		3/4	
10	161,394	10	176,451	10	191,486	10	206,498	10		10		10		10		10		10	
1/4	161,708	1/4	176,765	1/4	191,799	1/4	206,809	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,022	1/2	177,079	1/2	192,111	1/2	207,119	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,335	3/4	177,393	3/4	192,424	3/4	207,430	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,649	11	177,706	11	192,737	11	207,741	11		11		11		11		11		11	
1/4	162,963	1/4	178,020	1/4	193,050	1/4	208,039	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,276	1/2	178,334	1/2	193,363	1/2	208,338	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,590	3/4	178,647	3/4	193,675	3/4	208,636	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2019 CL  
CALCULATED: 05/09/2019 CL  
PRINTED: 05/10/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

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



# BARGE "HSM 3044"

# 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	530	0	13,607	0	28,572	0	43,617	0	58,692	0	73,768	0	88,843	0	103,919	0	118,994	0	134,069
1/4	744	1/4	13,909	1/4	28,886	1/4	43,931	1/4	59,007	1/4	74,082	1/4	89,157	1/4	104,233	1/4	119,308	1/4	134,384
1/2	959	1/2	14,210	1/2	29,200	1/2	44,245	1/2	59,321	1/2	74,396	1/2	89,471	1/2	104,547	1/2	119,622	1/2	134,698
3/4	1,174	3/4	14,512	3/4	29,514	3/4	44,559	3/4	59,635	3/4	74,710	3/4	89,785	3/4	104,861	3/4	119,936	3/4	135,012
1	1,389	1	14,813	1	29,828	1	44,873	1	59,949	1	75,024	1	90,100	1	105,175	1	120,250	1	135,326
1/4	1,644	1/4	15,119	1/4	30,141	1/4	45,187	1/4	60,263	1/4	75,338	1/4	90,414	1/4	105,489	1/4	120,564	1/4	135,640
1/2	1,900	1/2	15,424	1/2	30,454	1/2	45,501	1/2	60,577	1/2	75,652	1/2	90,728	1/2	105,803	1/2	120,878	1/2	135,954
3/4	2,155	3/4	15,729	3/4	30,767	3/4	45,816	3/4	60,891	3/4	75,966	3/4	91,042	3/4	106,117	3/4	121,193	3/4	136,268
2	2,411	2	16,035	2	31,081	2	46,130	2	61,205	2	76,280	2	91,356	2	106,431	2	121,507	2	136,582
1/4	2,672	1/4	16,344	1/4	31,394	1/4	46,444	1/4	61,519	1/4	76,594	1/4	91,670	1/4	106,745	1/4	121,821	1/4	136,896
1/2	2,933	1/2	16,653	1/2	31,707	1/2	46,758	1/2	61,833	1/2	76,909	1/2	91,984	1/2	107,059	1/2	122,135	1/2	137,210
3/4	3,194	3/4	16,962	3/4	32,020	3/4	47,072	3/4	62,147	3/4	77,223	3/4	92,298	3/4	107,373	3/4	122,449	3/4	137,524
3	3,455	3	17,272	3	32,334	3	47,386	3	62,461	3	77,537	3	92,612	3	107,687	3	122,763	3	137,838
1/4	3,720	1/4	17,584	1/4	32,647	1/4	47,700	1/4	62,775	1/4	77,851	1/4	92,926	1/4	108,002	1/4	123,077	1/4	138,152
1/2	3,986	1/2	17,897	1/2	32,960	1/2	48,014	1/2	63,089	1/2	78,165	1/2	93,240	1/2	108,316	1/2	123,391	1/2	138,466
3/4	4,252	3/4	18,210	3/4	33,273	3/4	48,328	3/4	63,404	3/4	78,479	3/4	93,554	3/4	108,630	3/4	123,705	3/4	138,781
4	4,517	4	18,522	4	33,586	4	48,642	4	63,718	4	78,793	4	93,868	4	108,944	4	124,019	4	139,095
1/4	4,788	1/4	18,836	1/4	33,900	1/4	48,956	1/4	64,032	1/4	79,107	1/4	94,182	1/4	109,258	1/4	124,333	1/4	139,409
1/2	5,058	1/2	19,150	1/2	34,213	1/2	49,270	1/2	64,346	1/2	79,421	1/2	94,497	1/2	109,572	1/2	124,647	1/2	139,723
3/4	5,328	3/4	19,464	3/4	34,526	3/4	49,584	3/4	64,660	3/4	79,735	3/4	94,811	3/4	109,886	3/4	124,961	3/4	140,037
5	5,598	5	19,778	5	34,839	5	49,898	5	64,974	5	80,049	5	95,125	5	110,200	5	125,275	5	140,351
1/4	5,872	1/4	20,092	1/4	35,153	1/4	50,213	1/4	65,288	1/4	80,363	1/4	95,439	1/4	110,514	1/4	125,590	1/4	140,665
1/2	6,147	1/2	20,407	1/2	35,466	1/2	50,527	1/2	65,602	1/2	80,677	1/2	95,753	1/2	110,828	1/2	125,904	1/2	140,979
3/4	6,421	3/4	20,721	3/4	35,779	3/4	50,841	3/4	65,916	3/4	80,991	3/4	96,067	3/4	111,142	3/4	126,218	3/4	141,293
6	6,695	6	21,035	6	36,092	6	51,155	6	66,230	6	81,306	6	96,381	6	111,456	6	126,532	6	141,607
1/4	6,974	1/4	21,349	1/4	36,406	1/4	51,469	1/4	66,544	1/4	81,620	1/4	96,695	1/4	111,770	1/4	126,846	1/4	141,921
1/2	7,252	1/2	21,663	1/2	36,719	1/2	51,783	1/2	66,858	1/2	81,934	1/2	97,009	1/2	112,084	1/2	127,160	1/2	142,235
3/4	7,530	3/4	21,977	3/4	37,032	3/4	52,097	3/4	67,172	3/4	82,248	3/4	97,323	3/4	112,399	3/4	127,474	3/4	142,549
7	7,809	7	22,291	7	37,345	7	52,411	7	67,486	7	82,562	7	97,637	7	112,713	7	127,788	7	142,863
1/4	8,091	1/4	22,605	1/4	37,659	1/4	52,725	1/4	67,801	1/4	82,876	1/4	97,951	1/4	113,027	1/4	128,102	1/4	143,177
1/2	8,373	1/2	22,919	1/2	37,972	1/2	53,039	1/2	68,115	1/2	83,190	1/2	98,265	1/2	113,341	1/2	128,416	1/2	143,492
3/4	8,655	3/4	23,233	3/4	38,285	3/4	53,353	3/4	68,429	3/4	83,504	3/4	98,579	3/4	113,655	3/4	128,730	3/4	143,806
8	8,937	8	23,547	8	38,598	8	53,667	8	68,743	8	83,818	8	98,894	8	113,969	8	129,044	8	144,120
1/4	9,223	1/4	23,861	1/4	38,912	1/4	53,981	1/4	69,057	1/4	84,132	1/4	99,208	1/4	114,283	1/4	129,358	1/4	144,434
1/2	9,510	1/2	24,175	1/2	39,225	1/2	54,295	1/2	69,371	1/2	84,446	1/2	99,522	1/2	114,597	1/2	129,672	1/2	144,748
3/4	9,796	3/4	24,489	3/4	39,538	3/4	54,610	3/4	69,685	3/4	84,760	3/4	99,836	3/4	114,911	3/4	129,987	3/4	145,062
9	10,082	9	24,803	9	39,852	9	54,924	9	69,999	9	85,074	9	100,150	9	115,225	9	130,301	9	145,376
1/4	10,372	1/4	25,117	1/4	40,165	1/4	55,238	1/4	70,313	1/4	85,388	1/4	100,464	1/4	115,539	1/4	130,615	1/4	145,690
1/2	10,662	1/2	25,432	1/2	40,479	1/2	55,552	1/2	70,627	1/2	85,703	1/2	100,778	1/2	115,853	1/2	130,929	1/2	146,004
3/4	10,952	3/4	25,746	3/4	40,792	3/4	55,866	3/4	70,941	3/4	86,017	3/4	101,092	3/4	116,167	3/4	131,243	3/4	146,318
10	11,241	10	26,060	10	41,106	10	56,180	10	71,255	10	86,331	10	101,406	10	116,481	10	131,557	10	146,632
1/4	11,535	1/4	26,374	1/4	41,420	1/4	56,494	1/4	71,569	1/4	86,645	1/4	101,720	1/4	116,796	1/4	131,871	1/4	146,946
1/2	11,829	1/2	26,688	1/2	41,733	1/2	56,808	1/2	71,883	1/2	86,959	1/2	102,034	1/2	117,110	1/2	132,185	1/2	147,260
3/4	12,123	3/4	27,002	3/4	42,047	3/4	57,122	3/4	72,197	3/4	87,273	3/4	102,348	3/4	117,424	3/4	132,499	3/4	147,574
11	12,417	11	27,316	11	42,361	11	57,436	11	72,512	11	87,587	11	102,662	11	117,738	11	132,813	11	147,889
1/4	12,714	1/4	27,630	1/4	42,675	1/4	57,750	1/4	72,826	1/4	87,901	1/4	102,976	1/4	118,052	1/4	133,127	1/4	148,203
1/2	13,012	1/2	27,944	1/2	42,989	1/2	58,064	1/2	73,140	1/2	88,215	1/2	103,291	1/2	118,366	1/2	133,441	1/2	148,517
3/4	13,310	3/4	28,258	3/4	43,303	3/4	58,378	3/4	73,454	3/4	88,529	3/4	103,605	3/4	118,680	3/4	133,755	3/4	148,831

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 LIP OF 8" HATCH  
 GAUGE POINT: (8" HATCH) LOCATED 14'-06" OFF CENTERLINE AND 44'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "HSM 3044"

**1 STBD  
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

**GAUGE HEIGHT 14'-10 1/4"**

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,145	0	164,220	0	179,296	0	194,341	0	209,306	0		0		0		0		0	
1/4	149,459	1/4	164,534	1/4	179,610	1/4	194,654	1/4	209,568	1/4		1/4		1/4		1/4		1/4	
1/2	149,773	1/2	164,848	1/2	179,924	1/2	194,967	1/2	209,831	1/2		1/2		1/2		1/2		1/2	
3/4	150,087	3/4	165,162	3/4	180,238	3/4	195,280	3/4	210,093	3/4		3/4		3/4		3/4		3/4	
1	150,401	1	165,477	1	180,552	1	195,594	1	210,356	1		1		1		1		1	
1/4	150,715	1/4	165,791	1/4	180,866	1/4	195,907	1/4	210,574	1/4		1/4		1/4		1/4		1/4	
1/2	151,029	1/2	166,105	1/2	181,180	1/2	196,220	1/2	210,793	1/2		1/2		1/2		1/2		1/2	
3/4	151,343	3/4	166,419	3/4	181,494	3/4	196,533	3/4	211,012	3/4		3/4		3/4		3/4		3/4	
2	151,657	2	166,733	2	181,808	2	196,846	2	211,230	2		2		2		2		2	
1/4	151,971	1/4	167,047	1/4	182,122	1/4	197,159	1/4	211,410	1/4		1/4		1/4		1/4		1/4	
1/2	152,286	1/2	167,361	1/2	182,436	1/2	197,472	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,600	3/4	167,675	3/4	182,750	3/4	197,786	3/4		3/4		3/4		3/4		3/4		3/4	
3	152,914	3	167,989	3	183,064	3	198,099	3		3		3		3		3		3	
1/4	153,228	1/4	168,303	1/4	183,378	1/4	198,412	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,542	1/2	168,617	1/2	183,692	1/2	198,725	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,856	3/4	168,931	3/4	184,006	3/4	199,038	3/4		3/4		3/4		3/4		3/4		3/4	
4	154,170	4	169,245	4	184,320	4	199,351	4		4		4		4		4		4	
1/4	154,484	1/4	169,559	1/4	184,633	1/4	199,665	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,798	1/2	169,874	1/2	184,946	1/2	199,978	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,112	3/4	170,188	3/4	185,259	3/4	200,291	3/4		3/4		3/4		3/4		3/4		3/4	
5	155,426	5	170,502	5	185,572	5	200,604	5		5		5		5		5		5	
1/4	155,740	1/4	170,816	1/4	185,886	1/4	200,917	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,054	1/2	171,130	1/2	186,199	1/2	201,230	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,368	3/4	171,444	3/4	186,512	3/4	201,544	3/4		3/4		3/4		3/4		3/4		3/4	
6	156,683	6	171,758	6	186,825	6	201,857	6		6		6		6		6		6	
1/4	156,997	1/4	172,072	1/4	187,138	1/4	202,170	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,311	1/2	172,386	1/2	187,451	1/2	202,483	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,625	3/4	172,700	3/4	187,765	3/4	202,796	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,939	7	173,014	7	188,078	7	203,109	7		7		7		7		7		7	
1/4	158,253	1/4	173,328	1/4	188,391	1/4	203,423	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,567	1/2	173,642	1/2	188,704	1/2	203,736	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,881	3/4	173,956	3/4	189,017	3/4	204,049	3/4		3/4		3/4		3/4		3/4		3/4	
8	159,195	8	174,271	8	189,330	8	204,362	8		8		8		8		8		8	
1/4	159,509	1/4	174,585	1/4	189,644	1/4	204,675	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,823	1/2	174,899	1/2	189,957	1/2	204,988	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,137	3/4	175,213	3/4	190,270	3/4	205,301	3/4		3/4		3/4		3/4		3/4		3/4	
9	160,451	9	175,527	9	190,583	9	205,614	9		9		9		9		9		9	
1/4	160,765	1/4	175,841	1/4	190,896	1/4	205,927	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,080	1/2	176,155	1/2	191,209	1/2	206,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,394	3/4	176,469	3/4	191,522	3/4	206,553	3/4		3/4		3/4		3/4		3/4		3/4	
10	161,708	10	176,783	10	191,836	10	206,866	10		10		10		10		10		10	
1/4	162,022	1/4	177,097	1/4	192,149	1/4	207,177	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,336	1/2	177,411	1/2	192,462	1/2	207,488	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,650	3/4	177,725	3/4	192,775	3/4	207,799	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,964	11	178,039	11	193,088	11	208,110	11		11		11		11		11		11	
1/4	163,278	1/4	178,353	1/4	193,401	1/4	208,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,592	1/2	178,667	1/2	193,715	1/2	208,708	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,906	3/4	178,982	3/4	194,028	3/4	209,007	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2019 CL  
CALCULATED: 05/09/2019 CL  
PRINTED: 05/10/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

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



# BARGE "HSM 3044"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	1,117	0	16,042	0	31,157	0	45,685	0	60,765	0	75,881	0	90,996	0	106,112	0	121,227	0	136,343
1/4	1,392	1/4	16,356	1/4	31,468	1/4	45,991	1/4	61,080	1/4	76,195	1/4	91,311	1/4	106,427	1/4	121,542	1/4	136,658
1/2	1,666	1/2	16,671	1/2	31,780	1/2	46,297	1/2	61,395	1/2	76,510	1/2	91,626	1/2	106,742	1/2	121,857	1/2	136,973
3/4	1,941	3/4	16,986	3/4	32,092	3/4	46,603	3/4	61,710	3/4	76,825	3/4	91,941	3/4	107,057	3/4	122,172	3/4	137,288
1	2,215	1	17,301	1	32,403	1	46,909	1	62,025	1	77,140	1	92,256	1	107,371	1	122,487	1	137,603
1/4	2,526	1/4	17,616	1/4	32,705	1/4	47,224	1/4	62,339	1/4	77,455	1/4	92,571	1/4	107,686	1/4	122,802	1/4	137,918
1/2	2,838	1/2	17,931	1/2	33,006	1/2	47,539	1/2	62,654	1/2	77,770	1/2	92,886	1/2	108,001	1/2	123,117	1/2	138,233
3/4	3,149	3/4	18,246	3/4	33,308	3/4	47,854	3/4	62,969	3/4	78,085	3/4	93,201	3/4	108,316	3/4	123,432	3/4	138,547
2	3,460	2	18,561	2	33,610	2	48,168	2	63,284	2	78,400	2	93,515	2	108,631	2	123,747	2	138,862
1/4	3,773	1/4	18,876	1/4	33,911	1/4	48,483	1/4	63,599	1/4	78,715	1/4	93,830	1/4	108,946	1/4	124,062	1/4	139,177
1/2	4,086	1/2	19,191	1/2	34,213	1/2	48,798	1/2	63,914	1/2	79,030	1/2	94,145	1/2	109,261	1/2	124,377	1/2	139,492
3/4	4,399	3/4	19,505	3/4	34,515	3/4	49,113	3/4	64,229	3/4	79,345	3/4	94,460	3/4	109,576	3/4	124,691	3/4	139,807
3	4,712	3	19,820	3	34,816	3	49,428	3	64,544	3	79,659	3	94,775	3	109,891	3	125,006	3	140,122
1/4	5,026	1/4	20,135	1/4	35,118	1/4	49,743	1/4	64,859	1/4	79,974	1/4	95,090	1/4	110,206	1/4	125,321	1/4	140,437
1/2	5,340	1/2	20,450	1/2	35,420	1/2	50,058	1/2	65,174	1/2	80,289	1/2	95,405	1/2	110,521	1/2	125,636	1/2	140,752
3/4	5,654	3/4	20,765	3/4	35,721	3/4	50,373	3/4	65,489	3/4	80,604	3/4	95,720	3/4	110,835	3/4	125,951	3/4	141,067
4	5,967	4	21,080	4	36,023	4	50,688	4	65,803	4	80,919	4	96,035	4	111,150	4	126,266	4	141,382
1/4	6,282	1/4	21,395	1/4	36,324	1/4	51,003	1/4	66,118	1/4	81,234	1/4	96,350	1/4	111,465	1/4	126,581	1/4	141,697
1/2	6,596	1/2	21,710	1/2	36,626	1/2	51,318	1/2	66,433	1/2	81,549	1/2	96,665	1/2	111,780	1/2	126,896	1/2	142,011
3/4	6,911	3/4	22,025	3/4	36,928	3/4	51,632	3/4	66,748	3/4	81,864	3/4	96,979	3/4	112,095	3/4	127,211	3/4	142,326
5	7,225	5	22,340	5	37,229	5	51,947	5	67,063	5	82,179	5	97,294	5	112,410	5	127,526	5	142,641
1/4	7,540	1/4	22,654	1/4	37,531	1/4	52,262	1/4	67,378	1/4	82,494	1/4	97,609	1/4	112,725	1/4	127,841	1/4	142,956
1/2	7,855	1/2	22,969	1/2	37,833	1/2	52,577	1/2	67,693	1/2	82,809	1/2	97,924	1/2	113,040	1/2	128,155	1/2	143,271
3/4	8,169	3/4	23,284	3/4	38,134	3/4	52,892	3/4	68,008	3/4	83,123	3/4	98,239	3/4	113,355	3/4	128,470	3/4	143,586
6	8,484	6	23,599	6	38,436	6	53,207	6	68,323	6	83,438	6	98,554	6	113,670	6	128,785	6	143,901
1/4	8,799	1/4	23,914	1/4	38,738	1/4	53,522	1/4	68,638	1/4	83,753	1/4	98,869	1/4	113,985	1/4	129,100	1/4	144,216
1/2	9,114	1/2	24,229	1/2	39,039	1/2	53,837	1/2	68,953	1/2	84,068	1/2	99,184	1/2	114,299	1/2	129,415	1/2	144,531
3/4	9,429	3/4	24,544	3/4	39,341	3/4	54,152	3/4	69,267	3/4	84,383	3/4	99,499	3/4	114,614	3/4	129,730	3/4	144,846
7	9,744	7	24,859	7	39,643	7	54,467	7	69,582	7	84,698	7	99,814	7	114,929	7	130,045	7	145,161
1/4	10,058	1/4	25,174	1/4	39,944	1/4	54,782	1/4	69,897	1/4	85,013	1/4	100,129	1/4	115,244	1/4	130,360	1/4	145,476
1/2	10,373	1/2	25,489	1/2	40,246	1/2	55,097	1/2	70,212	1/2	85,328	1/2	100,443	1/2	115,559	1/2	130,675	1/2	145,790
3/4	10,688	3/4	25,803	3/4	40,547	3/4	55,411	3/4	70,527	3/4	85,643	3/4	100,758	3/4	115,874	3/4	130,990	3/4	146,105
8	11,003	8	26,118	8	40,849	8	55,726	8	70,842	8	85,958	8	101,073	8	116,189	8	131,305	8	146,420
1/4	11,318	1/4	26,433	1/4	41,151	1/4	56,041	1/4	71,157	1/4	86,273	1/4	101,388	1/4	116,504	1/4	131,619	1/4	146,735
1/2	11,633	1/2	26,748	1/2	41,453	1/2	56,356	1/2	71,472	1/2	86,587	1/2	101,703	1/2	116,819	1/2	131,934	1/2	147,050
3/4	11,948	3/4	27,063	3/4	41,754	3/4	56,671	3/4	71,787	3/4	86,902	3/4	102,018	3/4	117,134	3/4	132,249	3/4	147,365
9	12,263	9	27,378	9	42,056	9	56,986	9	72,102	9	87,217	9	102,333	9	117,449	9	132,564	9	147,680
1/4	12,578	1/4	27,693	1/4	42,358	1/4	57,301	1/4	72,417	1/4	87,532	1/4	102,648	1/4	117,763	1/4	132,879	1/4	147,995
1/2	12,893	1/2	28,008	1/2	42,660	1/2	57,616	1/2	72,731	1/2	87,847	1/2	102,963	1/2	118,078	1/2	133,194	1/2	148,310
3/4	13,207	3/4	28,323	3/4	42,962	3/4	57,931	3/4	73,046	3/4	88,162	3/4	103,278	3/4	118,393	3/4	133,509	3/4	148,625
10	13,522	10	28,638	10	43,264	10	58,246	10	73,361	10	88,477	10	103,593	10	118,708	10	133,824	10	148,940
1/4	13,837	1/4	28,952	1/4	43,566	1/4	58,561	1/4	73,676	1/4	88,792	1/4	103,907	1/4	119,023	1/4	134,139	1/4	149,254
1/2	14,152	1/2	29,267	1/2	43,868	1/2	58,875	1/2	73,991	1/2	89,107	1/2	104,222	1/2	119,338	1/2	134,454	1/2	149,569
3/4	14,467	3/4	29,582	3/4	44,171	3/4	59,190	3/4	74,306	3/4	89,422	3/4	104,537	3/4	119,653	3/4	134,769	3/4	149,884
11	14,782	11	29,897	11	44,473	11	59,505	11	74,621	11	89,737	11	104,852	11	119,968	11	135,083	11	150,199
1/4	15,097	1/4	30,212	1/4	44,776	1/4	59,820	1/4	74,936	1/4	90,051	1/4	105,167	1/4	120,283	1/4	135,398	1/4	150,514
1/2	15,412	1/2	30,527	1/2	45,079	1/2	60,135	1/2	75,251	1/2	90,366	1/2	105,482	1/2	120,598	1/2	135,713	1/2	150,829
3/4	15,727	3/4	30,842	3/4	45,382	3/4	60,450	3/4	75,566	3/4	90,681	3/4	105,797	3/4	120,913	3/4	136,028	3/4	151,144

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 LIP OF 8" HATCH  
 GAUGE POINT: (8" HATCH) LOCATED 14'-06" OFF CENTERLINE AND 44'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "HSM 3044"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	151,459	0	166,574	0	181,690	0	196,776	0	211,780	0		0		0		0		0	
1/4	151,774	1/4	166,889	1/4	182,005	1/4	197,090	1/4	212,044	1/4		1/4		1/4		1/4		1/4	
1/2	152,089	1/2	167,204	1/2	182,320	1/2	197,404	1/2	212,307	1/2		1/2		1/2		1/2		1/2	
3/4	152,404	3/4	167,519	3/4	182,635	3/4	197,718	3/4	212,570	3/4		3/4		3/4		3/4		3/4	
1	152,718	1	167,834	1	182,950	1	198,032	1	212,833	1		1		1		1		1	
1/4	153,033	1/4	168,149	1/4	183,265	1/4	198,346	1/4	213,052	1/4		1/4		1/4		1/4		1/4	
1/2	153,348	1/2	168,464	1/2	183,580	1/2	198,660	1/2	213,272	1/2		1/2		1/2		1/2		1/2	
3/4	153,663	3/4	168,779	3/4	183,894	3/4	198,974	3/4	213,491	3/4		3/4		3/4		3/4		3/4	
2	153,978	2	169,094	2	184,209	2	199,288	2	213,710	2		2		2		2		2	
1/4	154,293	1/4	169,409	1/4	184,524	1/4	199,602	1/4	213,890	1/4		1/4		1/4		1/4		1/4	
1/2	154,608	1/2	169,724	1/2	184,839	1/2	199,916	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,923	3/4	170,038	3/4	185,154	3/4	200,230	3/4		3/4		3/4		3/4		3/4		3/4	
3	155,238	3	170,353	3	185,469	3	200,544	3		3		3		3		3		3	
1/4	155,553	1/4	170,668	1/4	185,784	1/4	200,858	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,868	1/2	170,983	1/2	186,098	1/2	201,172	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,182	3/4	171,298	3/4	186,413	3/4	201,486	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,497	4	171,613	4	186,728	4	201,800	4		4		4		4		4		4	
1/4	156,812	1/4	171,928	1/4	187,042	1/4	202,114	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,127	1/2	172,243	1/2	187,356	1/2	202,428	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,442	3/4	172,558	3/4	187,670	3/4	202,741	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,757	5	172,873	5	187,984	5	203,055	5		5		5		5		5		5	
1/4	158,072	1/4	173,188	1/4	188,298	1/4	203,369	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,387	1/2	173,502	1/2	188,612	1/2	203,683	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,702	3/4	173,817	3/4	188,926	3/4	203,997	3/4		3/4		3/4		3/4		3/4		3/4	
6	159,017	6	174,132	6	189,240	6	204,311	6		6		6		6		6		6	
1/4	159,332	1/4	174,447	1/4	189,554	1/4	204,625	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,646	1/2	174,762	1/2	189,868	1/2	204,939	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,961	3/4	175,077	3/4	190,182	3/4	205,253	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,276	7	175,392	7	190,496	7	205,567	7		7		7		7		7		7	
1/4	160,591	1/4	175,707	1/4	190,810	1/4	205,881	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,906	1/2	176,022	1/2	191,124	1/2	206,195	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,221	3/4	176,337	3/4	191,438	3/4	206,509	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,536	8	176,652	8	191,752	8	206,823	8		8		8		8		8		8	
1/4	161,851	1/4	176,966	1/4	192,066	1/4	207,137	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,166	1/2	177,281	1/2	192,380	1/2	207,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,481	3/4	177,596	3/4	192,694	3/4	207,765	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,796	9	177,911	9	193,008	9	208,079	9		9		9		9		9		9	
1/4	163,110	1/4	178,226	1/4	193,322	1/4	208,393	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,425	1/2	178,541	1/2	193,636	1/2	208,707	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,740	3/4	178,856	3/4	193,950	3/4	209,020	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,055	10	179,171	10	194,264	10	209,334	10		10		10		10		10		10	
1/4	164,370	1/4	179,486	1/4	194,578	1/4	209,646	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,685	1/2	179,801	1/2	194,892	1/2	209,958	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,000	3/4	180,116	3/4	195,206	3/4	210,270	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,315	11	180,430	11	195,520	11	210,582	11		11		11		11		11		11	
1/4	165,630	1/4	180,745	1/4	195,834	1/4	210,881	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,945	1/2	181,060	1/2	196,148	1/2	211,181	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,260	3/4	181,375	3/4	196,462	3/4	211,481	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2019 CL  
CALCULATED: 05/09/2019 CL  
PRINTED: 05/10/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

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



# BARGE "HSM 3044"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	1,116	0	16,029	0	31,132	0	46,205	0	61,308	0	76,412	0	91,515	0	106,618	0	121,722	0	136,825
1/4	1,391	1/4	16,343	1/4	31,446	1/4	46,519	1/4	61,623	1/4	76,726	1/4	91,830	1/4	106,933	1/4	122,037	1/4	137,140
1/2	1,665	1/2	16,658	1/2	31,761	1/2	46,834	1/2	61,937	1/2	77,041	1/2	92,144	1/2	107,248	1/2	122,351	1/2	137,455
3/4	1,939	3/4	16,973	3/4	32,075	3/4	47,149	3/4	62,252	3/4	77,356	3/4	92,459	3/4	107,562	3/4	122,666	3/4	137,769
1	2,213	1	17,287	1	32,389	1	47,463	1	62,567	1	77,670	1	92,774	1	107,877	1	122,981	1	138,084
1/4	2,524	1/4	17,602	1/4	32,703	1/4	47,778	1/4	62,881	1/4	77,985	1/4	93,088	1/4	108,192	1/4	123,295	1/4	138,399
1/2	2,835	1/2	17,917	1/2	33,017	1/2	48,093	1/2	63,196	1/2	78,300	1/2	93,403	1/2	108,506	1/2	123,610	1/2	138,713
3/4	3,146	3/4	18,231	3/4	33,331	3/4	48,407	3/4	63,511	3/4	78,614	3/4	93,718	3/4	108,821	3/4	123,925	3/4	139,028
2	3,458	2	18,546	2	33,645	2	48,722	2	63,825	2	78,929	2	94,032	2	109,136	2	124,239	2	139,343
1/4	3,770	1/4	18,860	1/4	33,959	1/4	49,037	1/4	64,140	1/4	79,243	1/4	94,347	1/4	109,450	1/4	124,554	1/4	139,657
1/2	4,083	1/2	19,175	1/2	34,272	1/2	49,351	1/2	64,455	1/2	79,558	1/2	94,662	1/2	109,765	1/2	124,868	1/2	139,972
3/4	4,396	3/4	19,490	3/4	34,586	3/4	49,666	3/4	64,769	3/4	79,873	3/4	94,976	3/4	110,080	3/4	125,183	3/4	140,287
3	4,708	3	19,804	3	34,900	3	49,981	3	65,084	3	80,187	3	95,291	3	110,394	3	125,498	3	140,601
1/4	5,022	1/4	20,119	1/4	35,214	1/4	50,295	1/4	65,399	1/4	80,502	1/4	95,606	1/4	110,709	1/4	125,812	1/4	140,916
1/2	5,335	1/2	20,434	1/2	35,528	1/2	50,610	1/2	65,713	1/2	80,817	1/2	95,920	1/2	111,024	1/2	126,127	1/2	141,231
3/4	5,649	3/4	20,748	3/4	35,842	3/4	50,924	3/4	66,028	3/4	81,131	3/4	96,235	3/4	111,338	3/4	126,442	3/4	141,545
4	5,963	4	21,063	4	36,155	4	51,239	4	66,343	4	81,446	4	96,550	4	111,653	4	126,756	4	141,860
1/4	6,277	1/4	21,378	1/4	36,469	1/4	51,554	1/4	66,657	1/4	81,761	1/4	96,864	1/4	111,968	1/4	127,071	1/4	142,175
1/2	6,591	1/2	21,692	1/2	36,783	1/2	51,868	1/2	66,972	1/2	82,075	1/2	97,179	1/2	112,282	1/2	127,386	1/2	142,489
3/4	6,905	3/4	22,007	3/4	37,097	3/4	52,183	3/4	67,287	3/4	82,390	3/4	97,493	3/4	112,597	3/4	127,700	3/4	142,804
5	7,219	5	22,322	5	37,411	5	52,498	5	67,601	5	82,705	5	97,808	5	112,912	5	128,015	5	143,118
1/4	7,534	1/4	22,636	1/4	37,724	1/4	52,812	1/4	67,916	1/4	83,019	1/4	98,123	1/4	113,226	1/4	128,330	1/4	143,433
1/2	7,848	1/2	22,951	1/2	38,038	1/2	53,127	1/2	68,231	1/2	83,334	1/2	98,437	1/2	113,541	1/2	128,644	1/2	143,748
3/4	8,163	3/4	23,266	3/4	38,352	3/4	53,442	3/4	68,545	3/4	83,649	3/4	98,752	3/4	113,856	3/4	128,959	3/4	144,062
6	8,477	6	23,580	6	38,666	6	53,756	6	68,860	6	83,963	6	99,067	6	114,170	6	129,274	6	144,377
1/4	8,792	1/4	23,895	1/4	38,980	1/4	54,071	1/4	69,175	1/4	84,278	1/4	99,381	1/4	114,485	1/4	129,588	1/4	144,692
1/2	9,106	1/2	24,209	1/2	39,294	1/2	54,386	1/2	69,489	1/2	84,593	1/2	99,696	1/2	114,800	1/2	129,903	1/2	145,006
3/4	9,421	3/4	24,524	3/4	39,607	3/4	54,700	3/4	69,804	3/4	84,907	3/4	100,011	3/4	115,114	3/4	130,218	3/4	145,321
7	9,736	7	24,839	7	39,921	7	55,015	7	70,118	7	85,222	7	100,325	7	115,429	7	130,532	7	145,636
1/4	10,050	1/4	25,153	1/4	40,235	1/4	55,330	1/4	70,433	1/4	85,537	1/4	100,640	1/4	115,743	1/4	130,847	1/4	145,950
1/2	10,365	1/2	25,468	1/2	40,549	1/2	55,644	1/2	70,748	1/2	85,851	1/2	100,955	1/2	116,058	1/2	131,162	1/2	146,265
3/4	10,680	3/4	25,783	3/4	40,863	3/4	55,959	3/4	71,062	3/4	86,166	3/4	101,269	3/4	116,373	3/4	131,476	3/4	146,580
8	10,994	8	26,097	8	41,177	8	56,274	8	71,377	8	86,481	8	101,584	8	116,687	8	131,791	8	146,894
1/4	11,309	1/4	26,412	1/4	41,491	1/4	56,588	1/4	71,692	1/4	86,795	1/4	101,899	1/4	117,002	1/4	132,106	1/4	147,209
1/2	11,624	1/2	26,727	1/2	41,804	1/2	56,903	1/2	72,006	1/2	87,110	1/2	102,213	1/2	117,317	1/2	132,420	1/2	147,524
3/4	11,938	3/4	27,041	3/4	42,118	3/4	57,218	3/4	72,321	3/4	87,425	3/4	102,528	3/4	117,631	3/4	132,735	3/4	147,838
9	12,253	9	27,356	9	42,432	9	57,532	9	72,636	9	87,739	9	102,843	9	117,946	9	133,050	9	148,153
1/4	12,568	1/4	27,671	1/4	42,746	1/4	57,847	1/4	72,950	1/4	88,054	1/4	103,157	1/4	118,261	1/4	133,364	1/4	148,468
1/2	12,882	1/2	27,985	1/2	43,061	1/2	58,162	1/2	73,265	1/2	88,368	1/2	103,472	1/2	118,575	1/2	133,679	1/2	148,782
3/4	13,197	3/4	28,300	3/4	43,375	3/4	58,476	3/4	73,580	3/4	88,683	3/4	103,787	3/4	118,890	3/4	133,993	3/4	149,097
10	13,511	10	28,614	10	43,689	10	58,791	10	73,894	10	88,998	10	104,101	10	119,205	10	134,308	10	149,412
1/4	13,826	1/4	28,929	1/4	44,003	1/4	59,106	1/4	74,209	1/4	89,312	1/4	104,416	1/4	119,519	1/4	134,623	1/4	149,726
1/2	14,141	1/2	29,244	1/2	44,317	1/2	59,420	1/2	74,524	1/2	89,627	1/2	104,731	1/2	119,834	1/2	134,937	1/2	150,041
3/4	14,455	3/4	29,558	3/4	44,632	3/4	59,735	3/4	74,838	3/4	89,942	3/4	105,045	3/4	120,149	3/4	135,252	3/4	150,356
11	14,770	11	29,873	11	44,946	11	60,050	11	75,153	11	90,256	11	105,360	11	120,463	11	135,567	11	150,670
1/4	15,085	1/4	30,188	1/4	45,261	1/4	60,364	1/4	75,468	1/4	90,571	1/4	105,675	1/4	120,778	1/4	135,881	1/4	150,985
1/2	15,399	1/2	30,502	1/2	45,575	1/2	60,679	1/2	75,782	1/2	90,886	1/2	105,989	1/2	121,093	1/2	136,196	1/2	151,300
3/4	15,714	3/4	30,817	3/4	45,890	3/4	60,993	3/4	76,097	3/4	91,200	3/4	106,304	3/4	121,407	3/4	136,511	3/4	151,614

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 LIP OF 8" HATCH  
 GAUGE POINT: (8" HATCH) LOCATED 14'-06" OFF CENTERLINE AND 44'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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





# BARGE "HSM 3044"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	151,929	0	167,032	0	182,136	0	197,209	0	212,202	0		0		0		0		0	
1/4	152,243	1/4	167,347	1/4	182,450	1/4	197,523	1/4	212,465	1/4		1/4		1/4		1/4		1/4	
1/2	152,558	1/2	167,662	1/2	182,765	1/2	197,837	1/2	212,728	1/2		1/2		1/2		1/2		1/2	
3/4	152,873	3/4	167,976	3/4	183,080	3/4	198,150	3/4	212,991	3/4		3/4		3/4		3/4		3/4	
1	153,187	1	168,291	1	183,394	1	198,464	1	213,254	1		1		1		1		1	
1/4	153,502	1/4	168,606	1/4	183,709	1/4	198,778	1/4	213,473	1/4		1/4		1/4		1/4		1/4	
1/2	153,817	1/2	168,920	1/2	184,024	1/2	199,092	1/2	213,692	1/2		1/2		1/2		1/2		1/2	
3/4	154,131	3/4	169,235	3/4	184,338	3/4	199,405	3/4	213,911	3/4		3/4		3/4		3/4		3/4	
2	154,446	2	169,550	2	184,653	2	199,719	2	214,130	2		2		2		2		2	
1/4	154,761	1/4	169,864	1/4	184,968	1/4	200,033	1/4	214,310	1/4		1/4		1/4		1/4		1/4	
1/2	155,075	1/2	170,179	1/2	185,282	1/2	200,347	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,390	3/4	170,493	3/4	185,597	3/4	200,660	3/4		3/4		3/4		3/4		3/4		3/4	
3	155,705	3	170,808	3	185,912	3	200,974	3		3		3		3		3		3	
1/4	156,019	1/4	171,123	1/4	186,226	1/4	201,288	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,334	1/2	171,437	1/2	186,540	1/2	201,602	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,649	3/4	171,752	3/4	186,855	3/4	201,915	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,963	4	172,067	4	187,169	4	202,229	4		4		4		4		4		4	
1/4	157,278	1/4	172,381	1/4	187,483	1/4	202,543	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,593	1/2	172,696	1/2	187,797	1/2	202,857	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,907	3/4	173,011	3/4	188,111	3/4	203,170	3/4		3/4		3/4		3/4		3/4		3/4	
5	158,222	5	173,325	5	188,424	5	203,484	5		5		5		5		5		5	
1/4	158,537	1/4	173,640	1/4	188,738	1/4	203,798	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,851	1/2	173,955	1/2	189,052	1/2	204,111	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,166	3/4	174,269	3/4	189,366	3/4	204,425	3/4		3/4		3/4		3/4		3/4		3/4	
6	159,481	6	174,584	6	189,679	6	204,739	6		6		6		6		6		6	
1/4	159,795	1/4	174,899	1/4	189,993	1/4	205,053	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,110	1/2	175,213	1/2	190,307	1/2	205,366	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,425	3/4	175,528	3/4	190,621	3/4	205,680	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,739	7	175,843	7	190,934	7	205,994	7		7		7		7		7		7	
1/4	161,054	1/4	176,157	1/4	191,248	1/4	206,308	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,368	1/2	176,472	1/2	191,562	1/2	206,621	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,683	3/4	176,787	3/4	191,875	3/4	206,935	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,998	8	177,101	8	192,189	8	207,249	8		8		8		8		8		8	
1/4	162,312	1/4	177,416	1/4	192,503	1/4	207,563	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,627	1/2	177,731	1/2	192,817	1/2	207,876	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,942	3/4	178,045	3/4	193,130	3/4	208,190	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,256	9	178,360	9	193,444	9	208,504	9		9		9		9		9		9	
1/4	163,571	1/4	178,675	1/4	193,758	1/4	208,817	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,886	1/2	178,989	1/2	194,072	1/2	209,131	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,200	3/4	179,304	3/4	194,385	3/4	209,444	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,515	10	179,618	10	194,699	10	209,757	10		10		10		10		10		10	
1/4	164,830	1/4	179,933	1/4	195,013	1/4	210,069	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,144	1/2	180,248	1/2	195,327	1/2	210,381	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,459	3/4	180,562	3/4	195,640	3/4	210,692	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,774	11	180,877	11	195,954	11	211,004	11		11		11		11		11		11	
1/4	166,088	1/4	181,192	1/4	196,268	1/4	211,303	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,403	1/2	181,506	1/2	196,582	1/2	211,603	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,718	3/4	181,821	3/4	196,895	3/4	211,902	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2019 CL  
CALCULATED: 05/09/2019 CL  
PRINTED: 05/10/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

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



# BARGE "HSM 3044"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10"

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	1,113	0	15,962	0	30,990	0	45,387	0	60,383	0	75,408	0	90,433	0	105,458	0	120,472	0	135,483
1/4	1,386	1/4	16,275	1/4	31,299	1/4	45,692	1/4	60,696	1/4	75,721	1/4	90,746	1/4	105,771	1/4	120,785	1/4	135,795
1/2	1,659	1/2	16,588	1/2	31,608	1/2	45,998	1/2	61,009	1/2	76,034	1/2	91,059	1/2	106,084	1/2	121,098	1/2	136,108
3/4	1,932	3/4	16,901	3/4	31,918	3/4	46,304	3/4	61,322	3/4	76,347	3/4	91,372	3/4	106,397	3/4	121,411	3/4	136,421
1	2,206	1	17,214	1	32,227	1	46,610	1	61,635	1	76,660	1	91,685	1	106,710	1	121,723	1	136,733
1/4	2,516	1/4	17,527	1/4	32,526	1/4	46,923	1/4	61,948	1/4	76,973	1/4	91,998	1/4	107,023	1/4	122,036	1/4	137,046
1/2	2,826	1/2	17,840	1/2	32,824	1/2	47,236	1/2	62,261	1/2	77,286	1/2	92,311	1/2	107,336	1/2	122,349	1/2	137,359
3/4	3,136	3/4	18,153	3/4	33,123	3/4	47,549	3/4	62,574	3/4	77,599	3/4	92,624	3/4	107,649	3/4	122,661	3/4	137,672
2	3,446	2	18,466	2	33,421	2	47,862	2	62,887	2	77,912	2	92,937	2	107,962	2	122,974	2	137,984
1/4	3,757	1/4	18,779	1/4	33,720	1/4	48,175	1/4	63,200	1/4	78,225	1/4	93,250	1/4	108,275	1/4	123,287	1/4	138,297
1/2	4,069	1/2	19,092	1/2	34,018	1/2	48,488	1/2	63,513	1/2	78,538	1/2	93,563	1/2	108,588	1/2	123,600	1/2	138,610
3/4	4,380	3/4	19,405	3/4	34,317	3/4	48,801	3/4	63,826	3/4	78,851	3/4	93,876	3/4	108,901	3/4	123,912	3/4	138,922
3	4,692	3	19,719	3	34,615	3	49,114	3	64,139	3	79,164	3	94,189	3	109,214	3	124,225	3	139,235
1/4	5,005	1/4	20,032	1/4	34,913	1/4	49,427	1/4	64,452	1/4	79,477	1/4	94,502	1/4	109,527	1/4	124,538	1/4	139,548
1/2	5,317	1/2	20,345	1/2	35,212	1/2	49,740	1/2	64,765	1/2	79,790	1/2	94,815	1/2	109,840	1/2	124,850	1/2	139,860
3/4	5,630	3/4	20,658	3/4	35,510	3/4	50,053	3/4	65,078	3/4	80,103	3/4	95,128	3/4	110,153	3/4	125,163	3/4	140,173
4	5,942	4	20,971	4	35,809	4	50,366	4	65,391	4	80,416	4	95,441	4	110,466	4	125,476	4	140,486
1/4	6,255	1/4	21,284	1/4	36,107	1/4	50,679	1/4	65,704	1/4	80,729	1/4	95,754	1/4	110,778	1/4	125,789	1/4	140,799
1/2	6,568	1/2	21,597	1/2	36,406	1/2	50,992	1/2	66,017	1/2	81,042	1/2	96,067	1/2	111,091	1/2	126,101	1/2	141,111
3/4	6,882	3/4	21,910	3/4	36,704	3/4	51,305	3/4	66,330	3/4	81,355	3/4	96,380	3/4	111,404	3/4	126,414	3/4	141,424
5	7,195	5	22,223	5	37,003	5	51,618	5	66,643	5	81,668	5	96,693	5	111,717	5	126,727	5	141,737
1/4	7,508	1/4	22,536	1/4	37,301	1/4	51,931	1/4	66,956	1/4	81,981	1/4	97,006	1/4	112,029	1/4	127,039	1/4	142,049
1/2	7,821	1/2	22,849	1/2	37,600	1/2	52,244	1/2	67,269	1/2	82,294	1/2	97,319	1/2	112,342	1/2	127,352	1/2	142,362
3/4	8,135	3/4	23,162	3/4	37,898	3/4	52,557	3/4	67,582	3/4	82,607	3/4	97,632	3/4	112,655	3/4	127,665	3/4	142,675
6	8,448	6	23,475	6	38,196	6	52,870	6	67,895	6	82,920	6	97,945	6	112,967	6	127,978	6	142,988
1/4	8,761	1/4	23,788	1/4	38,495	1/4	53,183	1/4	68,208	1/4	83,233	1/4	98,258	1/4	113,280	1/4	128,290	1/4	143,300
1/2	9,074	1/2	24,101	1/2	38,793	1/2	53,496	1/2	68,521	1/2	83,546	1/2	98,571	1/2	113,593	1/2	128,603	1/2	143,612
3/4	9,387	3/4	24,414	3/4	39,092	3/4	53,809	3/4	68,834	3/4	83,859	3/4	98,884	3/4	113,906	3/4	128,916	3/4	143,925
7	9,700	7	24,728	7	39,390	7	54,122	7	69,147	7	84,172	7	99,197	7	114,218	7	129,228	7	144,237
1/4	10,013	1/4	25,041	1/4	39,689	1/4	54,435	1/4	69,460	1/4	84,485	1/4	99,510	1/4	114,531	1/4	129,541	1/4	144,548
1/2	10,327	1/2	25,354	1/2	39,987	1/2	54,748	1/2	69,773	1/2	84,798	1/2	99,823	1/2	114,844	1/2	129,854	1/2	144,860
3/4	10,640	3/4	25,667	3/4	40,286	3/4	55,061	3/4	70,086	3/4	85,111	3/4	100,136	3/4	115,156	3/4	130,166	3/4	145,171
8	10,953	8	25,980	8	40,584	8	55,374	8	70,399	8	85,424	8	100,449	8	115,469	8	130,479	8	145,482
1/4	11,266	1/4	26,293	1/4	40,883	1/4	55,687	1/4	70,712	1/4	85,737	1/4	100,762	1/4	115,782	1/4	130,792	1/4	145,793
1/2	11,579	1/2	26,606	1/2	41,181	1/2	56,000	1/2	71,025	1/2	86,050	1/2	101,075	1/2	116,095	1/2	131,105	1/2	146,105
3/4	11,892	3/4	26,919	3/4	41,480	3/4	56,313	3/4	71,338	3/4	86,363	3/4	101,388	3/4	116,407	3/4	131,417	3/4	146,416
9	12,205	9	27,232	9	41,778	9	56,627	9	71,651	9	86,676	9	101,701	9	116,720	9	131,730	9	146,727
1/4	12,518	1/4	27,545	1/4	42,077	1/4	56,940	1/4	71,965	1/4	86,990	1/4	102,014	1/4	117,033	1/4	132,043	1/4	147,039
1/2	12,831	1/2	27,858	1/2	42,376	1/2	57,253	1/2	72,278	1/2	87,303	1/2	102,328	1/2	117,345	1/2	132,355	1/2	147,350
3/4	13,144	3/4	28,172	3/4	42,675	3/4	57,566	3/4	72,591	3/4	87,616	3/4	102,641	3/4	117,658	3/4	132,668	3/4	147,661
10	13,457	10	28,485	10	42,973	10	57,879	10	72,904	10	87,929	10	102,954	10	117,971	10	132,981	10	147,973
1/4	13,770	1/4	28,798	1/4	43,273	1/4	58,192	1/4	73,217	1/4	88,242	1/4	103,267	1/4	118,283	1/4	133,294	1/4	148,284
1/2	14,083	1/2	29,111	1/2	43,573	1/2	58,505	1/2	73,530	1/2	88,555	1/2	103,580	1/2	118,596	1/2	133,606	1/2	148,595
3/4	14,396	3/4	29,424	3/4	43,873	3/4	58,818	3/4	73,843	3/4	88,868	3/4	103,893	3/4	118,909	3/4	133,919	3/4	148,907
11	14,709	11	29,737	11	44,173	11	59,131	11	74,156	11	89,181	11	104,206	11	119,222	11	134,232	11	149,218
1/4	15,023	1/4	30,050	1/4	44,476	1/4	59,444	1/4	74,469	1/4	89,494	1/4	104,519	1/4	119,534	1/4	134,544	1/4	149,530
1/2	15,336	1/2	30,363	1/2	44,780	1/2	59,757	1/2	74,782	1/2	89,807	1/2	104,832	1/2	119,847	1/2	134,857	1/2	149,841
3/4	15,649	3/4	30,676	3/4	45,083	3/4	60,070	3/4	75,095	3/4	90,120	3/4	105,145	3/4	120,160	3/4	135,170	3/4	150,153

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 LIP OF 8" HATCH  
 GAUGE POINT: (8" HATCH) LOCATED 14'-06" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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





# BARGE "HSM 3044"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10"

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	150,464	0	161,150	0	171,551	0	181,931	0	192,236	0		0		0		0		0	
1/4	150,752	1/4	161,367	1/4	171,767	1/4	182,148	1/4	192,402	1/4		1/4		1/4		1/4		1/4	
1/2	151,040	1/2	161,583	1/2	171,984	1/2	182,364	1/2	192,568	1/2		1/2		1/2		1/2		1/2	
3/4	151,328	3/4	161,800	3/4	172,201	3/4	182,580	3/4	192,734	3/4		3/4		3/4		3/4		3/4	
1	151,616	1	162,017	1	172,417	1	182,796	1	192,900	1		1		1		1		1	
1/4	151,832	1/4	162,233	1/4	172,634	1/4	183,012	1/4	193,024	1/4		1/4		1/4		1/4		1/4	
1/2	152,049	1/2	162,450	1/2	172,851	1/2	183,228	1/2	193,148	1/2		1/2		1/2		1/2		1/2	
3/4	152,266	3/4	162,667	3/4	173,067	3/4	183,444	3/4	193,271	3/4		3/4		3/4		3/4		3/4	
2	152,483	2	162,883	2	173,284	2	183,660	2	193,395	2		2		2		2		2	
1/4	152,699	1/4	163,100	1/4	173,501	1/4	183,876	1/4	193,479	1/4		1/4		1/4		1/4		1/4	
1/2	152,916	1/2	163,317	1/2	173,718	1/2	184,092	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,133	3/4	163,533	3/4	173,934	3/4	184,308	3/4		3/4		3/4		3/4		3/4		3/4	
3	153,349	3	163,750	3	174,151	3	184,524	3		3		3		3		3		3	
1/4	153,566	1/4	163,967	1/4	174,367	1/4	184,740	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,783	1/2	164,183	1/2	174,584	1/2	184,957	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,999	3/4	164,400	3/4	174,801	3/4	185,173	3/4		3/4		3/4		3/4		3/4		3/4	
4	154,216	4	164,617	4	175,017	4	185,389	4		4		4		4		4		4	
1/4	154,433	1/4	164,834	1/4	175,233	1/4	185,605	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,649	1/2	165,050	1/2	175,449	1/2	185,821	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,866	3/4	165,267	3/4	175,665	3/4	186,037	3/4		3/4		3/4		3/4		3/4		3/4	
5	155,083	5	165,484	5	175,881	5	186,253	5		5		5		5		5		5	
1/4	155,299	1/4	165,700	1/4	176,097	1/4	186,469	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,516	1/2	165,917	1/2	176,314	1/2	186,685	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,733	3/4	166,134	3/4	176,530	3/4	186,901	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,949	6	166,350	6	176,746	6	187,117	6		6		6		6		6		6	
1/4	156,166	1/4	166,567	1/4	176,962	1/4	187,333	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,383	1/2	166,784	1/2	177,178	1/2	187,549	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,600	3/4	167,000	3/4	177,394	3/4	187,766	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,816	7	167,217	7	177,610	7	187,982	7		7		7		7		7		7	
1/4	157,033	1/4	167,434	1/4	177,826	1/4	188,198	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,250	1/2	167,650	1/2	178,042	1/2	188,414	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,466	3/4	167,867	3/4	178,258	3/4	188,630	3/4		3/4		3/4		3/4		3/4		3/4	
8	157,683	8	168,084	8	178,474	8	188,846	8		8		8		8		8		8	
1/4	157,900	1/4	168,300	1/4	178,690	1/4	189,062	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,116	1/2	168,517	1/2	178,906	1/2	189,278	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,333	3/4	168,734	3/4	179,122	3/4	189,494	3/4		3/4		3/4		3/4		3/4		3/4	
9	158,550	9	168,951	9	179,339	9	189,710	9		9		9		9		9		9	
1/4	158,766	1/4	169,167	1/4	179,555	1/4	189,926	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,983	1/2	169,384	1/2	179,771	1/2	190,142	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,200	3/4	169,601	3/4	179,987	3/4	190,357	3/4		3/4		3/4		3/4		3/4		3/4	
10	159,416	10	169,817	10	180,203	10	190,573	10		10		10		10		10		10	
1/4	159,633	1/4	170,034	1/4	180,419	1/4	190,787	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,850	1/2	170,251	1/2	180,635	1/2	191,001	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,066	3/4	170,467	3/4	180,851	3/4	191,215	3/4		3/4		3/4		3/4		3/4		3/4	
11	160,283	11	170,684	11	181,067	11	191,429	11		11		11		11		11		11	
1/4	160,500	1/4	170,901	1/4	181,283	1/4	191,631	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,717	1/2	171,117	1/2	181,499	1/2	191,833	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,933	3/4	171,334	3/4	181,715	3/4	192,035	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2019 CL  
CALCULATED: 05/09/2019 CL  
PRINTED: 05/10/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

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



# BARGE "HSM 3044"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10"

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	1,114	0	15,986	0	31,050	0	46,083	0	61,146	0	76,210	0	91,273	0	106,337	0	121,390	0	136,439
1/4	1,387	1/4	16,300	1/4	31,363	1/4	46,396	1/4	61,460	1/4	76,524	1/4	91,587	1/4	106,651	1/4	121,704	1/4	136,752
1/2	1,661	1/2	16,614	1/2	31,677	1/2	46,710	1/2	61,774	1/2	76,837	1/2	91,901	1/2	106,965	1/2	122,017	1/2	137,066
3/4	1,934	3/4	16,928	3/4	31,990	3/4	47,024	3/4	62,088	3/4	77,151	3/4	92,215	3/4	107,278	3/4	122,331	3/4	137,379
1	2,207	1	17,242	1	32,304	1	47,338	1	62,401	1	77,465	1	92,529	1	107,592	1	122,644	1	137,693
1/4	2,518	1/4	17,555	1/4	32,617	1/4	47,652	1/4	62,715	1/4	77,779	1/4	92,842	1/4	107,906	1/4	122,958	1/4	138,006
1/2	2,828	1/2	17,869	1/2	32,930	1/2	47,966	1/2	63,029	1/2	78,093	1/2	93,156	1/2	108,220	1/2	123,271	1/2	138,320
3/4	3,138	3/4	18,183	3/4	33,243	3/4	48,279	3/4	63,343	3/4	78,407	3/4	93,470	3/4	108,534	3/4	123,585	3/4	138,633
2	3,449	2	18,497	2	33,556	2	48,593	2	63,657	2	78,720	2	93,784	2	108,848	2	123,898	2	138,947
1/4	3,760	1/4	18,811	1/4	33,869	1/4	48,907	1/4	63,971	1/4	79,034	1/4	94,098	1/4	109,161	1/4	124,212	1/4	139,261
1/2	4,072	1/2	19,125	1/2	34,182	1/2	49,221	1/2	64,284	1/2	79,348	1/2	94,412	1/2	109,475	1/2	124,525	1/2	139,574
3/4	4,384	3/4	19,438	3/4	34,495	3/4	49,535	3/4	64,598	3/4	79,662	3/4	94,725	3/4	109,789	3/4	124,839	3/4	139,888
3	4,696	3	19,752	3	34,808	3	49,848	3	64,912	3	79,976	3	95,039	3	110,103	3	125,152	3	140,201
1/4	5,009	1/4	20,066	1/4	35,121	1/4	50,162	1/4	65,226	1/4	80,289	1/4	95,353	1/4	110,417	1/4	125,466	1/4	140,515
1/2	5,321	1/2	20,380	1/2	35,434	1/2	50,476	1/2	65,540	1/2	80,603	1/2	95,667	1/2	110,730	1/2	125,779	1/2	140,828
3/4	5,634	3/4	20,694	3/4	35,747	3/4	50,790	3/4	65,854	3/4	80,917	3/4	95,981	3/4	111,044	3/4	126,093	3/4	141,142
4	5,947	4	21,007	4	36,060	4	51,104	4	66,167	4	81,231	4	96,295	4	111,358	4	126,406	4	141,455
1/4	6,260	1/4	21,321	1/4	36,373	1/4	51,418	1/4	66,481	1/4	81,545	1/4	96,608	1/4	111,671	1/4	126,720	1/4	141,769
1/2	6,574	1/2	21,635	1/2	36,686	1/2	51,731	1/2	66,795	1/2	81,859	1/2	96,922	1/2	111,985	1/2	127,033	1/2	142,082
3/4	6,887	3/4	21,949	3/4	36,999	3/4	52,045	3/4	67,109	3/4	82,172	3/4	97,236	3/4	112,298	3/4	127,347	3/4	142,396
5	7,200	5	22,263	5	37,312	5	52,359	5	67,423	5	82,486	5	97,550	5	112,612	5	127,661	5	142,709
1/4	7,514	1/4	22,577	1/4	37,625	1/4	52,673	1/4	67,736	1/4	82,800	1/4	97,864	1/4	112,925	1/4	127,974	1/4	143,023
1/2	7,828	1/2	22,890	1/2	37,938	1/2	52,987	1/2	68,050	1/2	83,114	1/2	98,177	1/2	113,239	1/2	128,288	1/2	143,336
3/4	8,141	3/4	23,204	3/4	38,251	3/4	53,301	3/4	68,364	3/4	83,428	3/4	98,491	3/4	113,552	3/4	128,601	3/4	143,650
6	8,455	6	23,518	6	38,564	6	53,614	6	68,678	6	83,742	6	98,805	6	113,866	6	128,915	6	143,963
1/4	8,769	1/4	23,832	1/4	38,877	1/4	53,928	1/4	68,992	1/4	84,055	1/4	99,119	1/4	114,179	1/4	129,228	1/4	144,276
1/2	9,083	1/2	24,146	1/2	39,190	1/2	54,242	1/2	69,306	1/2	84,369	1/2	99,433	1/2	114,493	1/2	129,542	1/2	144,589
3/4	9,396	3/4	24,459	3/4	39,503	3/4	54,556	3/4	69,619	3/4	84,683	3/4	99,747	3/4	114,806	3/4	129,855	3/4	144,902
7	9,710	7	24,773	7	39,816	7	54,870	7	69,933	7	84,997	7	100,060	7	115,120	7	130,169	7	145,215
1/4	10,024	1/4	25,087	1/4	40,129	1/4	55,184	1/4	70,247	1/4	85,311	1/4	100,374	1/4	115,433	1/4	130,482	1/4	145,527
1/2	10,338	1/2	25,401	1/2	40,442	1/2	55,497	1/2	70,561	1/2	85,624	1/2	100,688	1/2	115,747	1/2	130,796	1/2	145,839
3/4	10,652	3/4	25,715	3/4	40,755	3/4	55,811	3/4	70,875	3/4	85,938	3/4	101,002	3/4	116,061	3/4	131,109	3/4	146,150
8	10,965	8	26,028	8	41,068	8	56,125	8	71,189	8	86,252	8	101,316	8	116,374	8	131,423	8	146,462
1/4	11,279	1/4	26,342	1/4	41,381	1/4	56,439	1/4	71,502	1/4	86,566	1/4	101,630	1/4	116,688	1/4	131,736	1/4	146,773
1/2	11,593	1/2	26,656	1/2	41,694	1/2	56,753	1/2	71,816	1/2	86,880	1/2	101,943	1/2	117,001	1/2	132,050	1/2	147,085
3/4	11,907	3/4	26,970	3/4	42,007	3/4	57,066	3/4	72,130	3/4	87,194	3/4	102,257	3/4	117,315	3/4	132,363	3/4	147,397
9	12,221	9	27,284	9	42,320	9	57,380	9	72,444	9	87,507	9	102,571	9	117,628	9	132,677	9	147,708
1/4	12,534	1/4	27,598	1/4	42,633	1/4	57,694	1/4	72,758	1/4	87,821	1/4	102,885	1/4	117,942	1/4	132,990	1/4	148,020
1/2	12,848	1/2	27,911	1/2	42,947	1/2	58,008	1/2	73,072	1/2	88,135	1/2	103,199	1/2	118,255	1/2	133,304	1/2	148,331
3/4	13,162	3/4	28,225	3/4	43,260	3/4	58,322	3/4	73,385	3/4	88,449	3/4	103,512	3/4	118,569	3/4	133,617	3/4	148,643
10	13,476	10	28,539	10	43,573	10	58,636	10	73,699	10	88,763	10	103,826	10	118,882	10	133,931	10	148,955
1/4	13,790	1/4	28,853	1/4	43,887	1/4	58,949	1/4	74,013	1/4	89,077	1/4	104,140	1/4	119,196	1/4	134,244	1/4	149,266
1/2	14,104	1/2	29,167	1/2	44,200	1/2	59,263	1/2	74,327	1/2	89,390	1/2	104,454	1/2	119,509	1/2	134,558	1/2	149,578
3/4	14,417	3/4	29,480	3/4	44,514	3/4	59,577	3/4	74,641	3/4	89,704	3/4	104,768	3/4	119,823	3/4	134,871	3/4	149,889
11	14,731	11	29,794	11	44,827	11	59,891	11	74,954	11	90,018	11	105,082	11	120,136	11	135,185	11	150,201
1/4	15,045	1/4	30,108	1/4	45,141	1/4	60,205	1/4	75,268	1/4	90,332	1/4	105,395	1/4	120,450	1/4	135,498	1/4	150,513
1/2	15,359	1/2	30,422	1/2	45,455	1/2	60,519	1/2	75,582	1/2	90,646	1/2	105,709	1/2	120,763	1/2	135,812	1/2	150,824
3/4	15,673	3/4	30,736	3/4	45,769	3/4	60,832	3/4	75,896	3/4	90,960	3/4	106,023	3/4	121,077	3/4	136,125	3/4	151,136

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 LIP OF 8" HATCH  
 GAUGE POINT: (8" HATCH) LOCATED 14'-06" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "HSM 3044"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10"

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	151,448	0	162,140	0	172,547	0	182,934	0	193,244	0		0		0		0		0	
1/4	151,736	1/4	162,357	1/4	172,764	1/4	183,150	1/4	193,411	1/4		1/4		1/4		1/4		1/4	
1/2	152,024	1/2	162,573	1/2	172,980	1/2	183,366	1/2	193,577	1/2		1/2		1/2		1/2		1/2	
3/4	152,312	3/4	162,790	3/4	173,197	3/4	183,582	3/4	193,743	3/4		3/4		3/4		3/4		3/4	
1	152,600	1	163,007	1	173,414	1	183,798	1	193,909	1		1		1		1		1	
1/4	152,817	1/4	163,224	1/4	173,631	1/4	184,015	1/4	194,033	1/4		1/4		1/4		1/4		1/4	
1/2	153,034	1/2	163,441	1/2	173,848	1/2	184,231	1/2	194,156	1/2		1/2		1/2		1/2		1/2	
3/4	153,251	3/4	163,658	3/4	174,064	3/4	184,447	3/4	194,280	3/4		3/4		3/4		3/4		3/4	
2	153,467	2	163,874	2	174,281	2	184,663	2	194,404	2		2		2		2		2	
1/4	153,684	1/4	164,091	1/4	174,498	1/4	184,879	1/4	194,488	1/4		1/4		1/4		1/4		1/4	
1/2	153,901	1/2	164,308	1/2	174,715	1/2	185,096	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,118	3/4	164,525	3/4	174,932	3/4	185,312	3/4		3/4		3/4		3/4		3/4		3/4	
3	154,335	3	164,742	3	175,148	3	185,528	3		3		3		3		3		3	
1/4	154,551	1/4	164,958	1/4	175,365	1/4	185,744	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,768	1/2	165,175	1/2	175,582	1/2	185,960	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,985	3/4	165,392	3/4	175,798	3/4	186,177	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,202	4	165,609	4	176,015	4	186,393	4		4		4		4		4		4	
1/4	155,419	1/4	165,826	1/4	176,231	1/4	186,609	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,636	1/2	166,042	1/2	176,448	1/2	186,825	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,852	3/4	166,259	3/4	176,664	3/4	187,041	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,069	5	166,476	5	176,880	5	187,258	5		5		5		5		5		5	
1/4	156,286	1/4	166,693	1/4	177,096	1/4	187,474	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,503	1/2	166,910	1/2	177,312	1/2	187,690	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,720	3/4	167,126	3/4	177,529	3/4	187,906	3/4		3/4		3/4		3/4		3/4		3/4	
6	156,936	6	167,343	6	177,745	6	188,122	6		6		6		6		6		6	
1/4	157,153	1/4	167,560	1/4	177,961	1/4	188,339	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,370	1/2	167,777	1/2	178,177	1/2	188,555	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,587	3/4	167,994	3/4	178,393	3/4	188,771	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,804	7	168,211	7	178,610	7	188,987	7		7		7		7		7		7	
1/4	158,020	1/4	168,427	1/4	178,826	1/4	189,203	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,237	1/2	168,644	1/2	179,042	1/2	189,420	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,454	3/4	168,861	3/4	179,258	3/4	189,636	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,671	8	169,078	8	179,474	8	189,852	8		8		8		8		8		8	
1/4	158,888	1/4	169,295	1/4	179,691	1/4	190,068	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,104	1/2	169,511	1/2	179,907	1/2	190,284	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,321	3/4	169,728	3/4	180,123	3/4	190,500	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,538	9	169,945	9	180,339	9	190,717	9		9		9		9		9		9	
1/4	159,755	1/4	170,162	1/4	180,555	1/4	190,933	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,972	1/2	170,379	1/2	180,772	1/2	191,148	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,189	3/4	170,595	3/4	180,988	3/4	191,364	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,405	10	170,812	10	181,204	10	191,580	10		10		10		10		10		10	
1/4	160,622	1/4	171,029	1/4	181,420	1/4	191,794	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,839	1/2	171,246	1/2	181,636	1/2	192,008	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,056	3/4	171,463	3/4	181,853	3/4	192,223	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,273	11	171,680	11	182,069	11	192,437	11		11		11		11		11		11	
1/4	161,489	1/4	171,896	1/4	182,285	1/4	192,639	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,706	1/2	172,113	1/2	182,501	1/2	192,841	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,923	3/4	172,330	3/4	182,717	3/4	193,043	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2019 CL  
CALCULATED: 05/09/2019 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019

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# BARGE "HSM 3044"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-01"

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	24	0	1,183	0	2,343	0	3,502	0	4,661	0		0		0		0		0	
1/4	48	1/4	1,208	1/4	2,367	1/4	3,526	1/4	4,685	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	72	1/2	1,232	1/2	2,391	1/2	3,550	1/2	4,709	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	97	3/4	1,256	3/4	2,415	3/4	3,574	3/4	4,733	3/4		3/4		3/4	3/4	3/4		3/4	
1	121	1	1,280	1	2,439	1	3,599	1	4,757	1		1		1	1	1		1	
1/4	145	1/4	1,304	1/4	2,463	1/4	3,623	1/4	4,781	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	169	1/2	1,328	1/2	2,488	1/2	3,647	1/2	4,805	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	193	3/4	1,353	3/4	2,512	3/4	3,671	3/4	4,829	3/4		3/4		3/4	3/4	3/4		3/4	
2	217	2	1,377	2	2,536	2	3,695	2	4,852	2		2		2	2	2		2	
1/4	242	1/4	1,401	1/4	2,560	1/4	3,719	1/4	4,876	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	266	1/2	1,425	1/2	2,584	1/2	3,744	1/2	4,900	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	290	3/4	1,449	3/4	2,608	3/4	3,768	3/4	4,924	3/4		3/4		3/4	3/4	3/4		3/4	
3	314	3	1,473	3	2,633	3	3,792	3	4,947	3		3		3	3	3		3	
1/4	338	1/4	1,497	1/4	2,657	1/4	3,816	1/4	4,971	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	362	1/2	1,522	1/2	2,681	1/2	3,840	1/2	4,995	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	386	3/4	1,546	3/4	2,705	3/4	3,864	3/4	5,019	3/4		3/4		3/4	3/4	3/4		3/4	
4	411	4	1,570	4	2,729	4	3,888	4	5,043	4		4		4	4	4		4	
1/4	435	1/4	1,594	1/4	2,753	1/4	3,913	1/4	5,066	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	459	1/2	1,618	1/2	2,777	1/2	3,937	1/2	5,090	1/2		1/2		1/2	1/2	1/2		1/2	
3/4	483	3/4	1,642	3/4	2,802	3/4	3,961	3/4	5,114	3/4		3/4		3/4	3/4	3/4		3/4	
5	507	5	1,666	5	2,826	5	3,985	5	5,138	5		5		5	5	5		5	
1/4	531	1/4	1,691	1/4	2,850	1/4	4,009	1/4	5,162	1/4		1/4		1/4	1/4	1/4		1/4	
1/2	555	1/2	1,715	1/2	2,874	1/2	4,033	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	580	3/4	1,739	3/4	2,898	3/4	4,057	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
6	604	6	1,763	6	2,922	6	4,082	6		6		6		6	6	6		6	
1/4	628	1/4	1,787	1/4	2,947	1/4	4,106	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	652	1/2	1,811	1/2	2,971	1/2	4,130	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	676	3/4	1,836	3/4	2,995	3/4	4,154	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
7	700	7	1,860	7	3,019	7	4,178	7		7		7		7	7	7		7	
1/4	725	1/4	1,884	1/4	3,043	1/4	4,202	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	749	1/2	1,908	1/2	3,067	1/2	4,227	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	773	3/4	1,932	3/4	3,091	3/4	4,251	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
8	797	8	1,956	8	3,116	8	4,275	8		8		8		8	8	8		8	
1/4	821	1/4	1,980	1/4	3,140	1/4	4,299	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	845	1/2	2,005	1/2	3,164	1/2	4,323	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	869	3/4	2,029	3/4	3,188	3/4	4,347	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
9	894	9	2,053	9	3,212	9	4,371	9		9		9		9	9	9		9	
1/4	918	1/4	2,077	1/4	3,236	1/4	4,396	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	942	1/2	2,101	1/2	3,260	1/2	4,420	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	966	3/4	2,125	3/4	3,285	3/4	4,444	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
10	990	10	2,150	10	3,309	10	4,468	10		10		10		10	10	10		10	
1/4	1,014	1/4	2,174	1/4	3,333	1/4	4,492	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	1,039	1/2	2,198	1/2	3,357	1/2	4,516	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	1,063	3/4	2,222	3/4	3,381	3/4	4,541	3/4		3/4		3/4		3/4	3/4	3/4		3/4	
11	1,087	11	2,246	11	3,405	11	4,565	11		11		11		11	11	11		11	
1/4	1,111	1/4	2,270	1/4	3,430	1/4	4,589	1/4		1/4		1/4		1/4	1/4	1/4		1/4	
1/2	1,135	1/2	2,294	1/2	3,454	1/2	4,613	1/2		1/2		1/2		1/2	1/2	1/2		1/2	
3/4	1,159	3/4	2,319	3/4	3,478	3/4	4,637	3/4		3/4		3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 8" HATCI

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2019



# BARGE "HSM 3044"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-01"

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	24	0	1,180	0	2,336	0	3,493	0	4,649	0		0		0		0		0	
1/4	48	1/4	1,204	1/4	2,361	1/4	3,517	1/4	4,673	1/4		1/4		1/4		1/4		1/4	
1/2	72	1/2	1,228	1/2	2,385	1/2	3,541	1/2	4,697	1/2		1/2		1/2		1/2		1/2	
3/4	96	3/4	1,253	3/4	2,409	3/4	3,565	3/4	4,721	3/4		3/4		3/4		3/4		3/4	
1	120	1	1,277	1	2,433	1	3,589	1	4,744	1		1		1		1		1	
1/4	145	1/4	1,301	1/4	2,457	1/4	3,613	1/4	4,768	1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	1,325	1/2	2,481	1/2	3,637	1/2	4,792	1/2		1/2		1/2		1/2		1/2	
3/4	193	3/4	1,349	3/4	2,505	3/4	3,661	3/4	4,816	3/4		3/4		3/4		3/4		3/4	
2	217	2	1,373	2	2,529	2	3,685	2	4,839	2		2		2		2		2	
1/4	241	1/4	1,397	1/4	2,553	1/4	3,709	1/4	4,863	1/4		1/4		1/4		1/4		1/4	
1/2	265	1/2	1,421	1/2	2,577	1/2	3,734	1/2	4,887	1/2		1/2		1/2		1/2		1/2	
3/4	289	3/4	1,445	3/4	2,601	3/4	3,758	3/4	4,911	3/4		3/4		3/4		3/4		3/4	
3	313	3	1,469	3	2,626	3	3,782	3	4,934	3		3		3		3		3	
1/4	337	1/4	1,493	1/4	2,650	1/4	3,806	1/4	4,958	1/4		1/4		1/4		1/4		1/4	
1/2	361	1/2	1,518	1/2	2,674	1/2	3,830	1/2	4,982	1/2		1/2		1/2		1/2		1/2	
3/4	385	3/4	1,542	3/4	2,698	3/4	3,854	3/4	5,005	3/4		3/4		3/4		3/4		3/4	
4	409	4	1,566	4	2,722	4	3,878	4	5,029	4		4		4		4		4	
1/4	434	1/4	1,590	1/4	2,746	1/4	3,902	1/4	5,053	1/4		1/4		1/4		1/4		1/4	
1/2	458	1/2	1,614	1/2	2,770	1/2	3,926	1/2	5,077	1/2		1/2		1/2		1/2		1/2	
3/4	482	3/4	1,638	3/4	2,794	3/4	3,950	3/4	5,100	3/4		3/4		3/4		3/4		3/4	
5	506	5	1,662	5	2,818	5	3,974	5	5,124	5		5		5		5		5	
1/4	530	1/4	1,686	1/4	2,842	1/4	3,999	1/4	5,148	1/4		1/4		1/4		1/4		1/4	
1/2	554	1/2	1,710	1/2	2,866	1/2	4,023	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	578	3/4	1,734	3/4	2,890	3/4	4,047	3/4		3/4		3/4		3/4		3/4		3/4	
6	602	6	1,758	6	2,915	6	4,071	6		6		6		6		6		6	
1/4	626	1/4	1,782	1/4	2,939	1/4	4,095	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	650	1/2	1,807	1/2	2,963	1/2	4,119	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	674	3/4	1,831	3/4	2,987	3/4	4,143	3/4		3/4		3/4		3/4		3/4		3/4	
7	699	7	1,855	7	3,011	7	4,167	7		7		7		7		7		7	
1/4	723	1/4	1,879	1/4	3,035	1/4	4,191	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	747	1/2	1,903	1/2	3,059	1/2	4,215	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	771	3/4	1,927	3/4	3,083	3/4	4,239	3/4		3/4		3/4		3/4		3/4		3/4	
8	795	8	1,951	8	3,107	8	4,263	8		8		8		8		8		8	
1/4	819	1/4	1,975	1/4	3,131	1/4	4,288	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	843	1/2	1,999	1/2	3,155	1/2	4,312	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	867	3/4	2,023	3/4	3,180	3/4	4,336	3/4		3/4		3/4		3/4		3/4		3/4	
9	891	9	2,047	9	3,204	9	4,360	9		9		9		9		9		9	
1/4	915	1/4	2,072	1/4	3,228	1/4	4,384	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	939	1/2	2,096	1/2	3,252	1/2	4,408	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	964	3/4	2,120	3/4	3,276	3/4	4,432	3/4		3/4		3/4		3/4		3/4		3/4	
10	988	10	2,144	10	3,300	10	4,456	10		10		10		10		10		10	
1/4	1,012	1/4	2,168	1/4	3,324	1/4	4,480	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,036	1/2	2,192	1/2	3,348	1/2	4,504	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,060	3/4	2,216	3/4	3,372	3/4	4,528	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,084	11	2,240	11	3,396	11	4,553	11		11		11		11		11		11	
1/4	1,108	1/4	2,264	1/4	3,420	1/4	4,577	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,132	1/2	2,288	1/2	3,445	1/2	4,601	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,156	3/4	2,312	3/4	3,469	3/4	4,625	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CAPACITY TABLE 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 LIP OF 8" HATCH

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# BARGE "HSM 3044"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-01 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	116	0	295	0	470	0		0		0		0		0		0	
1/4	1	1/4	120	1/4	299	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2	1/2	123	1/2	303	1/2	476	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	126	3/4	307	3/4	479	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	130	1	311	1	482	1		1		1		1		1		1	
1/4	4	1/4	133	1/4	314	1/4	485	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6	1/2	137	1/2	318	1/2	488	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7	3/4	140	3/4	322	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
2	8	2	144	2	326	2	494	2		2		2		2		2		2	
1/4	10	1/4	148	1/4	330	1/4	497	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	12	1/2	151	1/2	334	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	14	3/4	155	3/4	337	3/4	503	3/4		3/4		3/4		3/4		3/4		3/4	
3	16	3	158	3	341	3	506	3		3		3		3		3		3	
1/4	18	1/4	162	1/4	345	1/4	508	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	20	1/2	166	1/2	349	1/2	511	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	169	3/4	353	3/4	514	3/4		3/4		3/4		3/4		3/4		3/4	
4	24	4	173	4	356	4	516	4		4		4		4		4		4	
1/4	26	1/4	177	1/4	360	1/4	519	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	28	1/2	180	1/2	364	1/2	521	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	31	3/4	184	3/4	368	3/4	524	3/4		3/4		3/4		3/4		3/4		3/4	
5	33	5	188	5	372	5	526	5		5		5		5		5		5	
1/4	35	1/4	192	1/4	375	1/4	529	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	38	1/2	195	1/2	379	1/2	531	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	40	3/4	199	3/4	383	3/4	533	3/4		3/4		3/4		3/4		3/4		3/4	
6	43	6	203	6	386	6	536	6		6		6		6		6		6	
1/4	46	1/4	207	1/4	390	1/4	538	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	210	1/2	394	1/2	540	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	51	3/4	214	3/4	397	3/4	542	3/4		3/4		3/4		3/4		3/4		3/4	
7	54	7	218	7	401	7	544	7		7		7		7		7		7	
1/4	57	1/4	222	1/4	405	1/4	546	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	59	1/2	226	1/2	408	1/2	547	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	62	3/4	230	3/4	412	3/4	549	3/4		3/4		3/4		3/4		3/4		3/4	
8	65	8	233	8	415	8	551	8		8		8		8		8		8	
1/4	68	1/4	237	1/4	419	1/4	552	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	241	1/2	422	1/2	554	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	245	3/4	426	3/4	555	3/4		3/4		3/4		3/4		3/4		3/4	
9	77	9	249	9	429	9	556	9		9		9		9		9		9	
1/4	80	1/4	253	1/4	433	1/4	557	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83	1/2	256	1/2	436	1/2	558	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	260	3/4	440	3/4	559	3/4		3/4		3/4		3/4		3/4		3/4	
10	90	10	264	10	443	10	559	10		10		10		10		10		10	
1/4	93	1/4	268	1/4	447	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	96	1/2	272	1/2	450	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	99	3/4	276	3/4	453	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	103	11	280	11	457	11		11		11		11		11		11		11	
1/4	106	1/4	284	1/4	460	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109	1/2	287	1/2	463	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113	3/4	291	3/4	466	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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