



BARGE "HSM 3042"

INNAGE TRIM TABLE 8" GAUGE HATCH

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

March 4, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3042"

INNAGE TRIM TABLE "MMC" GAUGE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

March 4, 2020

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BARGE "HSM 3042"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	386	0	13,259	0	28,195	0	43,226	0	58,196	0	73,185	0	88,217	0	103,249	0	118,277	0	133,302
1/4	563	1/4	13,561	1/4	28,508	1/4	43,539	1/4	58,507	1/4	73,498	1/4	88,530	1/4	103,562	1/4	118,590	1/4	133,615
1/2	740	1/2	13,863	1/2	28,821	1/2	43,852	1/2	58,818	1/2	73,812	1/2	88,844	1/2	103,876	1/2	118,903	1/2	133,928
3/4	917	3/4	14,164	3/4	29,134	3/4	44,166	3/4	59,128	3/4	74,125	3/4	89,157	3/4	104,189	3/4	119,216	3/4	134,241
1	1,094	1	14,466	1	29,447	1	44,479	1	59,439	1	74,438	1	89,470	1	104,502	1	119,529	1	134,554
1/4	1,332	1/4	14,771	1/4	29,760	1/4	44,792	1/4	59,750	1/4	74,751	1/4	89,783	1/4	104,815	1/4	119,842	1/4	134,867
1/2	1,571	1/2	15,077	1/2	30,074	1/2	45,105	1/2	60,061	1/2	75,064	1/2	90,096	1/2	105,128	1/2	120,155	1/2	135,180
3/4	1,810	3/4	15,382	3/4	30,387	3/4	45,418	3/4	60,372	3/4	75,377	3/4	90,409	3/4	105,441	3/4	120,468	3/4	135,493
2	2,049	2	15,688	2	30,700	2	45,731	2	60,682	2	75,691	2	90,723	2	105,755	2	120,781	2	135,806
1/4	2,311	1/4	15,997	1/4	31,013	1/4	46,045	1/4	60,993	1/4	76,004	1/4	91,036	1/4	106,068	1/4	121,094	1/4	136,119
1/2	2,573	1/2	16,306	1/2	31,326	1/2	46,358	1/2	61,304	1/2	76,317	1/2	91,349	1/2	106,381	1/2	121,407	1/2	136,433
3/4	2,835	3/4	16,615	3/4	31,639	3/4	46,671	3/4	61,615	3/4	76,630	3/4	91,662	3/4	106,694	3/4	121,720	3/4	136,746
3	3,097	3	16,925	3	31,952	3	46,984	3	61,926	3	76,943	3	91,975	3	107,007	3	122,033	3	137,059
1/4	3,364	1/4	17,237	1/4	32,266	1/4	47,297	1/4	62,237	1/4	77,256	1/4	92,288	1/4	107,320	1/4	122,346	1/4	137,372
1/2	3,630	1/2	17,549	1/2	32,579	1/2	47,610	1/2	62,548	1/2	77,570	1/2	92,602	1/2	107,633	1/2	122,659	1/2	137,685
3/4	3,897	3/4	17,861	3/4	32,892	3/4	47,923	3/4	62,859	3/4	77,883	3/4	92,915	3/4	107,947	3/4	122,972	3/4	137,998
4	4,164	4	18,174	4	33,205	4	48,237	4	63,170	4	78,196	4	93,228	4	108,260	4	123,285	4	138,311
1/4	4,434	1/4	18,487	1/4	33,518	1/4	48,549	1/4	63,482	1/4	78,509	1/4	93,541	1/4	108,573	1/4	123,598	1/4	138,624
1/2	4,705	1/2	18,800	1/2	33,831	1/2	48,862	1/2	63,793	1/2	78,822	1/2	93,854	1/2	108,886	1/2	123,911	1/2	138,937
3/4	4,976	3/4	19,113	3/4	34,145	3/4	49,174	3/4	64,105	3/4	79,135	3/4	94,167	3/4	109,199	3/4	124,224	3/4	139,250
5	5,247	5	19,426	5	34,458	5	49,486	5	64,417	5	79,449	5	94,481	5	109,512	5	124,537	5	139,563
1/4	5,521	1/4	19,739	1/4	34,771	1/4	49,798	1/4	64,730	1/4	79,762	1/4	94,794	1/4	109,825	1/4	124,850	1/4	139,876
1/2	5,796	1/2	20,052	1/2	35,084	1/2	50,110	1/2	65,043	1/2	80,075	1/2	95,107	1/2	110,138	1/2	125,163	1/2	140,189
3/4	6,070	3/4	20,366	3/4	35,397	3/4	50,422	3/4	65,356	3/4	80,388	3/4	95,420	3/4	110,451	3/4	125,476	3/4	140,502
6	6,345	6	20,679	6	35,710	6	50,733	6	65,669	6	80,701	6	95,733	6	110,764	6	125,789	6	140,815
1/4	6,623	1/4	20,992	1/4	36,024	1/4	51,045	1/4	65,982	1/4	81,014	1/4	96,046	1/4	111,077	1/4	126,102	1/4	141,128
1/2	6,902	1/2	21,305	1/2	36,337	1/2	51,356	1/2	66,296	1/2	81,328	1/2	96,360	1/2	111,390	1/2	126,416	1/2	141,441
3/4	7,180	3/4	21,618	3/4	36,650	3/4	51,668	3/4	66,609	3/4	81,641	3/4	96,673	3/4	111,703	3/4	126,729	3/4	141,754
7	7,459	7	21,931	7	36,963	7	51,979	7	66,922	7	81,954	7	96,986	7	112,016	7	127,042	7	142,067
1/4	7,741	1/4	22,245	1/4	37,276	1/4	52,290	1/4	67,235	1/4	82,267	1/4	97,299	1/4	112,329	1/4	127,355	1/4	142,380
1/2	8,023	1/2	22,558	1/2	37,589	1/2	52,601	1/2	67,548	1/2	82,580	1/2	97,612	1/2	112,642	1/2	127,668	1/2	142,693
3/4	8,306	3/4	22,871	3/4	37,902	3/4	52,912	3/4	67,861	3/4	82,893	3/4	97,925	3/4	112,955	3/4	127,981	3/4	143,006
8	8,588	8	23,184	8	38,216	8	53,223	8	68,175	8	83,207	8	98,239	8	113,268	8	128,294	8	143,319
1/4	8,874	1/4	23,497	1/4	38,529	1/4	53,534	1/4	68,488	1/4	83,520	1/4	98,552	1/4	113,581	1/4	128,607	1/4	143,632
1/2	9,160	1/2	23,810	1/2	38,842	1/2	53,845	1/2	68,801	1/2	83,833	1/2	98,865	1/2	113,894	1/2	128,920	1/2	143,945
3/4	9,447	3/4	24,124	3/4	39,155	3/4	54,156	3/4	69,114	3/4	84,146	3/4	99,178	3/4	114,207	3/4	129,233	3/4	144,258
9	9,733	9	24,437	9	39,468	9	54,466	9	69,427	9	84,459	9	99,491	9	114,520	9	129,546	9	144,571
1/4	10,023	1/4	24,750	1/4	39,781	1/4	54,777	1/4	69,740	1/4	84,772	1/4	99,804	1/4	114,833	1/4	129,859	1/4	144,884
1/2	10,313	1/2	25,063	1/2	40,095	1/2	55,088	1/2	70,054	1/2	85,086	1/2	100,118	1/2	115,146	1/2	130,172	1/2	145,197
3/4	10,603	3/4	25,376	3/4	40,408	3/4	55,399	3/4	70,367	3/4	85,399	3/4	100,431	3/4	115,459	3/4	130,485	3/4	145,510
10	10,893	10	25,689	10	40,721	10	55,710	10	70,680	10	85,712	10	100,744	10	115,772	10	130,798	10	145,823
1/4	11,187	1/4	26,002	1/4	41,034	1/4	56,020	1/4	70,993	1/4	86,025	1/4	101,057	1/4	116,085	1/4	131,111	1/4	146,136
1/2	11,481	1/2	26,316	1/2	41,347	1/2	56,331	1/2	71,306	1/2	86,338	1/2	101,370	1/2	116,399	1/2	131,424	1/2	146,450
3/4	11,775	3/4	26,629	3/4	41,660	3/4	56,642	3/4	71,619	3/4	86,651	3/4	101,683	3/4	116,712	3/4	131,737	3/4	146,763
11	12,068	11	26,942	11	41,973	11	56,953	11	71,933	11	86,965	11	101,997	11	117,025	11	132,050	11	147,076
1/4	12,366	1/4	27,255	1/4	42,287	1/4	57,264	1/4	72,246	1/4	87,278	1/4	102,310	1/4	117,338	1/4	132,363	1/4	147,389
1/2	12,664	1/2	27,568	1/2	42,600	1/2	57,574	1/2	72,559	1/2	87,591	1/2	102,623	1/2	117,651	1/2	132,676	1/2	147,702
3/4	12,962	3/4	27,881	3/4	42,913	3/4	57,885	3/4	72,872	3/4	87,904	3/4	102,936	3/4	117,964	3/4	132,989	3/4	148,015

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH.

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

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

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BARGE "HSM 3042"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,328	0	163,353	0	178,370	0	193,351	0	208,261	0		0		0		0		0	
1/4	148,641	1/4	163,666	1/4	178,682	1/4	193,663	1/4	208,541	1/4		1/4		1/4		1/4		1/4	
1/2	148,954	1/2	163,979	1/2	178,994	1/2	193,976	1/2	208,821	1/2		1/2		1/2		1/2		1/2	
3/4	149,267	3/4	164,292	3/4	179,306	3/4	194,288	3/4	209,101	3/4		3/4		3/4		3/4		3/4	
1	149,580	1	164,605	1	179,618	1	194,600	1	209,382	1		1		1		1		1	
1/4	149,893	1/4	164,918	1/4	179,930	1/4	194,912	1/4	209,613	1/4		1/4		1/4		1/4		1/4	
1/2	150,206	1/2	165,231	1/2	180,242	1/2	195,224	1/2	209,845	1/2		1/2		1/2		1/2		1/2	
3/4	150,519	3/4	165,544	3/4	180,554	3/4	195,536	3/4	210,077	3/4		3/4		3/4		3/4		3/4	
2	150,832	2	165,857	2	180,867	2	195,848	2	210,309	2		2		2		2		2	
1/4	151,145	1/4	166,171	1/4	181,179	1/4	196,160	1/4	210,488	1/4		1/4		1/4		1/4		1/4	
1/2	151,458	1/2	166,484	1/2	181,491	1/2	196,472	1/2	210,668	1/2		1/2		1/2		1/2		1/2	
3/4	151,771	3/4	166,797	3/4	181,803	3/4	196,785	3/4	210,848	3/4		3/4		3/4		3/4		3/4	
3	152,084	3	167,110	3	182,115	3	197,097	3	211,027	3		3		3		3		3	
1/4	152,397	1/4	167,423	1/4	182,427	1/4	197,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,710	1/2	167,736	1/2	182,739	1/2	197,721	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,023	3/4	168,049	3/4	183,051	3/4	198,033	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,336	4	168,362	4	183,363	4	198,345	4		4		4		4		4		4	
1/4	153,649	1/4	168,675	1/4	183,676	1/4	198,657	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,962	1/2	168,988	1/2	183,988	1/2	198,969	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,275	3/4	169,301	3/4	184,300	3/4	199,282	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,588	5	169,614	5	184,612	5	199,594	5		5		5		5		5		5	
1/4	154,901	1/4	169,927	1/4	184,924	1/4	199,905	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,214	1/2	170,240	1/2	185,236	1/2	200,216	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,527	3/4	170,553	3/4	185,548	3/4	200,527	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,840	6	170,866	6	185,860	6	200,838	6		6		6		6		6		6	
1/4	156,154	1/4	171,179	1/4	186,173	1/4	201,148	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,467	1/2	171,492	1/2	186,485	1/2	201,458	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,780	3/4	171,805	3/4	186,797	3/4	201,768	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,093	7	172,118	7	187,109	7	202,078	7		7		7		7		7		7	
1/4	157,406	1/4	172,431	1/4	187,421	1/4	202,388	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,719	1/2	172,744	1/2	187,733	1/2	202,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,032	3/4	173,057	3/4	188,045	3/4	203,008	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,345	8	173,370	8	188,357	8	203,318	8		8		8		8		8		8	
1/4	158,658	1/4	173,683	1/4	188,670	1/4	203,628	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,971	1/2	173,996	1/2	188,982	1/2	203,938	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,284	3/4	174,309	3/4	189,294	3/4	204,248	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,597	9	174,622	9	189,606	9	204,558	9		9		9		9		9		9	
1/4	159,910	1/4	174,935	1/4	189,918	1/4	204,868	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,223	1/2	175,248	1/2	190,230	1/2	205,178	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,536	3/4	175,560	3/4	190,542	3/4	205,488	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,849	10	175,873	10	190,854	10	205,798	10		10		10		10		10		10	
1/4	161,162	1/4	176,185	1/4	191,166	1/4	206,108	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,475	1/2	176,497	1/2	191,479	1/2	206,418	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,788	3/4	176,809	3/4	191,791	3/4	206,727	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,101	11	177,121	11	192,103	11	207,037	11		11		11		11		11		11	
1/4	162,414	1/4	177,433	1/4	192,415	1/4	207,343	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,727	1/2	177,745	1/2	192,727	1/2	207,649	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,040	3/4	178,057	3/4	193,039	3/4	207,955	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/03/2020 CL
CALCULATED: 03/03/2020 CL
PRINTED: 03/04/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3042"

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	13,254	0	28,184	0	43,210	0	58,231	0	73,254	0	88,281	0	103,307	0	118,329	0	133,348
1/4	562	1/4	13,556	1/4	28,497	1/4	43,523	1/4	58,544	1/4	73,567	1/4	88,594	1/4	103,620	1/4	118,641	1/4	133,661
1/2	739	1/2	13,857	1/2	28,810	1/2	43,836	1/2	58,857	1/2	73,881	1/2	88,907	1/2	103,933	1/2	118,954	1/2	133,974
3/4	916	3/4	14,159	3/4	29,123	3/4	44,149	3/4	59,169	3/4	74,194	3/4	89,220	3/4	104,246	3/4	119,267	3/4	134,287
1	1,093	1	14,460	1	29,436	1	44,462	1	59,482	1	74,507	1	89,533	1	104,559	1	119,580	1	134,600
1/4	1,332	1/4	14,766	1/4	29,749	1/4	44,775	1/4	59,795	1/4	74,820	1/4	89,846	1/4	104,872	1/4	119,893	1/4	134,913
1/2	1,571	1/2	15,071	1/2	30,062	1/2	45,088	1/2	60,108	1/2	75,133	1/2	90,159	1/2	105,185	1/2	120,206	1/2	135,226
3/4	1,809	3/4	15,376	3/4	30,375	3/4	45,401	3/4	60,421	3/4	75,446	3/4	90,472	3/4	105,498	3/4	120,519	3/4	135,539
2	2,048	2	15,682	2	30,688	2	45,714	2	60,734	2	75,759	2	90,785	2	105,811	2	120,832	2	135,852
1/4	2,310	1/4	15,991	1/4	31,001	1/4	46,027	1/4	61,046	1/4	76,072	1/4	91,098	1/4	106,124	1/4	121,145	1/4	136,164
1/2	2,572	1/2	16,300	1/2	31,314	1/2	46,340	1/2	61,359	1/2	76,385	1/2	91,411	1/2	106,437	1/2	121,458	1/2	136,477
3/4	2,834	3/4	16,609	3/4	31,627	3/4	46,653	3/4	61,672	3/4	76,698	3/4	91,724	3/4	106,750	3/4	121,771	3/4	136,790
3	3,096	3	16,918	3	31,940	3	46,966	3	61,985	3	77,011	3	92,037	3	107,063	3	122,083	3	137,103
1/4	3,363	1/4	17,230	1/4	32,253	1/4	47,279	1/4	62,298	1/4	77,324	1/4	92,350	1/4	107,376	1/4	122,396	1/4	137,416
1/2	3,629	1/2	17,543	1/2	32,566	1/2	47,592	1/2	62,611	1/2	77,637	1/2	92,663	1/2	107,689	1/2	122,709	1/2	137,729
3/4	3,896	3/4	17,855	3/4	32,879	3/4	47,905	3/4	62,924	3/4	77,950	3/4	92,976	3/4	108,002	3/4	123,022	3/4	138,042
4	4,162	4	18,167	4	33,192	4	48,218	4	63,237	4	78,263	4	93,289	4	108,315	4	123,335	4	138,355
1/4	4,433	1/4	18,480	1/4	33,505	1/4	48,531	1/4	63,550	1/4	78,576	1/4	93,602	1/4	108,628	1/4	123,648	1/4	138,668
1/2	4,703	1/2	18,793	1/2	33,819	1/2	48,844	1/2	63,863	1/2	78,889	1/2	93,916	1/2	108,941	1/2	123,961	1/2	138,981
3/4	4,974	3/4	19,106	3/4	34,132	3/4	49,157	3/4	64,176	3/4	79,202	3/4	94,229	3/4	109,254	3/4	124,274	3/4	139,294
5	5,245	5	19,419	5	34,445	5	49,470	5	64,489	5	79,515	5	94,542	5	109,567	5	124,587	5	139,607
1/4	5,519	1/4	19,732	1/4	34,758	1/4	49,783	1/4	64,802	1/4	79,828	1/4	94,855	1/4	109,880	1/4	124,900	1/4	139,919
1/2	5,794	1/2	20,045	1/2	35,071	1/2	50,096	1/2	65,115	1/2	80,141	1/2	95,168	1/2	110,193	1/2	125,213	1/2	140,232
3/4	6,068	3/4	20,358	3/4	35,384	3/4	50,409	3/4	65,428	3/4	80,455	3/4	95,481	3/4	110,506	3/4	125,525	3/4	140,545
6	6,343	6	20,671	6	35,697	6	50,722	6	65,741	6	80,768	6	95,794	6	110,819	6	125,838	6	140,858
1/4	6,621	1/4	20,984	1/4	36,010	1/4	51,035	1/4	66,054	1/4	81,081	1/4	96,107	1/4	111,132	1/4	126,151	1/4	141,171
1/2	6,899	1/2	21,297	1/2	36,323	1/2	51,348	1/2	66,367	1/2	81,394	1/2	96,420	1/2	111,444	1/2	126,464	1/2	141,484
3/4	7,178	3/4	21,610	3/4	36,636	3/4	51,661	3/4	66,680	3/4	81,707	3/4	96,733	3/4	111,757	3/4	126,777	3/4	141,797
7	7,456	7	21,923	7	36,949	7	51,974	7	66,994	7	82,020	7	97,046	7	112,070	7	127,090	7	142,110
1/4	7,738	1/4	22,236	1/4	37,262	1/4	52,287	1/4	67,307	1/4	82,333	1/4	97,359	1/4	112,383	1/4	127,403	1/4	142,423
1/2	8,021	1/2	22,549	1/2	37,575	1/2	52,600	1/2	67,620	1/2	82,646	1/2	97,672	1/2	112,696	1/2	127,716	1/2	142,736
3/4	8,303	3/4	22,862	3/4	37,888	3/4	52,913	3/4	67,933	3/4	82,959	3/4	97,985	3/4	113,009	3/4	128,029	3/4	143,049
8	8,585	8	23,175	8	38,201	8	53,226	8	68,246	8	83,272	8	98,298	8	113,322	8	128,342	8	143,362
1/4	8,871	1/4	23,488	1/4	38,514	1/4	53,539	1/4	68,559	1/4	83,585	1/4	98,611	1/4	113,635	1/4	128,655	1/4	143,674
1/2	9,157	1/2	23,801	1/2	38,827	1/2	53,852	1/2	68,872	1/2	83,898	1/2	98,924	1/2	113,948	1/2	128,968	1/2	143,987
3/4	9,443	3/4	24,114	3/4	39,140	3/4	54,164	3/4	69,185	3/4	84,211	3/4	99,237	3/4	114,261	3/4	129,280	3/4	144,300
9	9,729	9	24,427	9	39,453	9	54,477	9	69,498	9	84,524	9	99,550	9	114,574	9	129,593	9	144,613
1/4	10,019	1/4	24,740	1/4	39,766	1/4	54,790	1/4	69,811	1/4	84,837	1/4	99,863	1/4	114,887	1/4	129,906	1/4	144,926
1/2	10,309	1/2	25,053	1/2	40,079	1/2	55,103	1/2	70,124	1/2	85,150	1/2	100,176	1/2	115,199	1/2	130,219	1/2	145,239
3/4	10,599	3/4	25,367	3/4	40,392	3/4	55,416	3/4	70,437	3/4	85,463	3/4	100,489	3/4	115,512	3/4	130,532	3/4	145,552
10	10,889	10	25,680	10	40,705	10	55,728	10	70,750	10	85,776	10	100,803	10	115,825	10	130,845	10	145,865
1/4	11,183	1/4	25,993	1/4	41,018	1/4	56,041	1/4	71,063	1/4	86,089	1/4	101,116	1/4	116,138	1/4	131,158	1/4	146,178
1/2	11,476	1/2	26,306	1/2	41,331	1/2	56,354	1/2	71,376	1/2	86,402	1/2	101,429	1/2	116,451	1/2	131,471	1/2	146,491
3/4	11,770	3/4	26,619	3/4	41,644	3/4	56,667	3/4	71,689	3/4	86,715	3/4	101,742	3/4	116,764	3/4	131,784	3/4	146,804
11	12,064	11	26,932	11	41,957	11	56,980	11	72,002	11	87,028	11	102,055	11	117,077	11	132,097	11	147,117
1/4	12,362	1/4	27,245	1/4	42,271	1/4	57,293	1/4	72,315	1/4	87,342	1/4	102,368	1/4	117,390	1/4	132,410	1/4	147,429
1/2	12,659	1/2	27,558	1/2	42,584	1/2	57,605	1/2	72,628	1/2	87,655	1/2	102,681	1/2	117,703	1/2	132,722	1/2	147,742
3/4	12,957	3/4	27,871	3/4	42,897	3/4	57,918	3/4	72,941	3/4	87,968	3/4	102,994	3/4	118,016	3/4	133,035	3/4	148,055

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH.
 GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.
 GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD

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 3042"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	148,368	1/4	163,388	1/4	178,399	1/4	193,375	1/4	208,279	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0		
1/2	148,681	1/2	163,701	1/2	178,711	1/2	193,687	1/2	208,559	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	148,994	3/4	164,014	3/4	179,023	3/4	193,999	3/4	208,839	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	149,307	1	164,327	1	179,335	1	194,311	1	209,119	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	149,620	1/4	164,640	1/4	179,647	1/4	194,623	1/4	209,400	1/4	1	1	1	1	1	1	1	1	1		
1/2	149,933	1/2	164,953	1/2	179,959	1/2	194,935	1/2	209,631	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	150,246	3/4	165,266	3/4	180,271	3/4	195,247	3/4	209,863	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	150,559	1	165,579	1	180,583	1	195,559	1	210,095	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	150,872	1/4	165,892	1/4	180,895	1/4	195,871	1/4	210,326	1/4	2	2	2	2	2	2	2	2	2		
1/2	151,184	1/2	166,204	1/2	181,207	1/2	196,183	1/2	210,506	1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	151,497	3/4	166,517	3/4	181,519	3/4	196,495	3/4	210,686	3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	151,810	1	166,830	1	181,831	1	196,807	1	210,865	1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	152,123	1/4	167,143	1/4	182,143	1/4	197,119	1/4	211,045	1/4	1	1	1	1	1	1	1	1	1		
1/2	152,436	1/2	167,456	1/2	182,455	1/2	197,431	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	152,749	3/4	167,769	3/4	182,767	3/4	197,743	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	153,062	1	168,082	1	183,079	1	198,055	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	153,375	1/4	168,395	1/4	183,391	1/4	198,367	1/4		1/4	1	1	1	1	1	1	1	1	1		
1/2	153,688	1/2	168,708	1/2	183,703	1/2	198,679	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	154,001	3/4	169,021	3/4	184,015	3/4	198,991	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	154,314	1	169,334	1	184,327	1	199,303	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	154,627	1/4	169,646	1/4	184,639	1/4	199,615	1/4		1/4	1	1	1	1	1	1	1	1	1		
1/2	154,939	1/2	169,959	1/2	184,951	1/2	199,926	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	155,252	3/4	170,272	3/4	185,263	3/4	200,237	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	155,565	1	170,585	1	185,575	1	200,548	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	155,878	1/4	170,898	1/4	185,887	1/4	200,859	1/4		1/4	1	1	1	1	1	1	1	1	1		
1/2	156,191	1/2	171,211	1/2	186,199	1/2	201,169	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	156,504	3/4	171,524	3/4	186,511	3/4	201,479	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	156,817	1	171,837	1	186,823	1	201,789	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	157,130	1/4	172,150	1/4	187,135	1/4	202,098	1/4		1/4	1	1	1	1	1	1	1	1	1		
1/2	157,443	1/2	172,463	1/2	187,447	1/2	202,408	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	157,756	3/4	172,776	3/4	187,759	3/4	202,718	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	158,069	1	173,089	1	188,071	1	203,028	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	158,382	1/4	173,401	1/4	188,383	1/4	203,338	1/4		1/4	1	1	1	1	1	1	1	1	1		
1/2	158,694	1/2	173,714	1/2	188,695	1/2	203,648	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	159,007	3/4	174,027	3/4	189,007	3/4	203,958	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	159,320	1	174,340	1	189,319	1	204,268	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	159,633	1/4	174,653	1/4	189,631	1/4	204,578	1/4		1/4	1	1	1	1	1	1	1	1	1		
1/2	159,946	1/2	174,966	1/2	189,943	1/2	204,888	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	160,259	3/4	175,278	3/4	190,255	3/4	205,198	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	160,572	1	175,591	1	190,567	1	205,508	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	160,885	1/4	175,903	1/4	190,879	1/4	205,818	1/4		1/4	1	1	1	1	1	1	1	1	1		
1/2	161,198	1/2	176,215	1/2	191,191	1/2	206,127	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	161,511	3/4	176,527	3/4	191,503	3/4	206,437	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	161,824	1	176,839	1	191,815	1	206,746	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1/4	162,137	1/4	177,151	1/4	192,127	1/4	207,056	1/4		1/4	1	1	1	1	1	1	1	1	1		
1/2	162,449	1/2	177,463	1/2	192,439	1/2	207,362	1/2		1/2	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
3/4	162,762	3/4	177,775	3/4	192,751	3/4	207,667	3/4		3/4	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
1	163,075	1	178,087	1	193,063	1	207,973	1		1	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/03/2020 CL
CALCULATED: 03/03/2020 CL
PRINTED: 03/04/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3042"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,033	0	15,710	0	30,787	0	45,492	0	59,991	0	74,859	0	89,938	0	105,018	0	120,092	0	135,164
1/4	1,268	1/4	16,025	1/4	31,101	1/4	45,794	1/4	60,294	1/4	75,173	1/4	90,253	1/4	105,332	1/4	120,406	1/4	135,478
1/2	1,504	1/2	16,339	1/2	31,415	1/2	46,095	1/2	60,596	1/2	75,487	1/2	90,567	1/2	105,646	1/2	120,720	1/2	135,792
3/4	1,739	3/4	16,653	3/4	31,730	3/4	46,397	3/4	60,899	3/4	75,801	3/4	90,881	3/4	105,960	3/4	121,034	3/4	136,106
1	1,975	1	16,967	1	32,044	1	46,698	1	61,201	1	76,116	1	91,195	1	106,274	1	121,348	1	136,420
1/4	2,269	1/4	17,281	1/4	32,358	1/4	47,000	1/4	61,503	1/4	76,430	1/4	91,509	1/4	106,589	1/4	121,662	1/4	136,734
1/2	2,562	1/2	17,595	1/2	32,672	1/2	47,301	1/2	61,806	1/2	76,744	1/2	91,823	1/2	106,903	1/2	121,976	1/2	137,048
3/4	2,856	3/4	17,909	3/4	32,986	3/4	47,602	3/4	62,108	3/4	77,058	3/4	92,137	3/4	107,217	3/4	122,290	3/4	137,362
2	3,150	2	18,224	2	33,300	2	47,904	2	62,411	2	77,372	2	92,452	2	107,531	2	122,604	2	137,676
1/4	3,463	1/4	18,538	1/4	33,614	1/4	48,205	1/4	62,713	1/4	77,686	1/4	92,766	1/4	107,845	1/4	122,918	1/4	137,990
1/2	3,776	1/2	18,852	1/2	33,929	1/2	48,507	1/2	63,015	1/2	78,000	1/2	93,080	1/2	108,159	1/2	123,232	1/2	138,304
3/4	4,089	3/4	19,166	3/4	34,243	3/4	48,809	3/4	63,318	3/4	78,315	3/4	93,394	3/4	108,474	3/4	123,546	3/4	138,618
3	4,402	3	19,480	3	34,557	3	49,110	3	63,620	3	78,629	3	93,708	3	108,788	3	123,860	3	138,932
1/4	4,716	1/4	19,794	1/4	34,871	1/4	49,412	1/4	63,922	1/4	78,943	1/4	94,022	1/4	109,102	1/4	124,174	1/4	139,246
1/2	5,030	1/2	20,109	1/2	35,185	1/2	49,713	1/2	64,225	1/2	79,257	1/2	94,337	1/2	109,416	1/2	124,488	1/2	139,560
3/4	5,344	3/4	20,423	3/4	35,499	3/4	50,015	3/4	64,527	3/4	79,571	3/4	94,651	3/4	109,730	3/4	124,802	3/4	139,874
4	5,658	4	20,737	4	35,813	4	50,317	4	64,830	4	79,885	4	94,965	4	110,044	4	125,116	4	140,188
1/4	5,972	1/4	21,051	1/4	36,122	1/4	50,619	1/4	65,138	1/4	80,200	1/4	95,279	1/4	110,358	1/4	125,430	1/4	140,502
1/2	6,286	1/2	21,365	1/2	36,430	1/2	50,921	1/2	65,446	1/2	80,514	1/2	95,593	1/2	110,672	1/2	125,744	1/2	140,816
3/4	6,600	3/4	21,679	3/4	36,738	3/4	51,223	3/4	65,754	3/4	80,828	3/4	95,907	3/4	110,986	3/4	126,058	3/4	141,130
5	6,914	5	21,993	5	37,047	5	51,525	5	66,063	5	81,142	5	96,221	5	111,300	5	126,372	5	141,444
1/4	7,229	1/4	22,308	1/4	37,349	1/4	51,827	1/4	66,377	1/4	81,456	1/4	96,536	1/4	111,614	1/4	126,686	1/4	141,758
1/2	7,543	1/2	22,622	1/2	37,651	1/2	52,130	1/2	66,691	1/2	81,770	1/2	96,850	1/2	111,928	1/2	127,000	1/2	142,072
3/4	7,857	3/4	22,936	3/4	37,954	3/4	52,432	3/4	67,005	3/4	82,084	3/4	97,164	3/4	112,242	3/4	127,314	3/4	142,386
6	8,171	6	23,250	6	38,256	6	52,734	6	67,319	6	82,399	6	97,478	6	112,556	6	127,628	6	142,700
1/4	8,485	1/4	23,564	1/4	38,558	1/4	53,037	1/4	67,633	1/4	82,713	1/4	97,792	1/4	112,870	1/4	127,942	1/4	143,014
1/2	8,799	1/2	23,878	1/2	38,860	1/2	53,339	1/2	67,948	1/2	83,027	1/2	98,106	1/2	113,184	1/2	128,256	1/2	143,328
3/4	9,113	3/4	24,192	3/4	39,162	3/4	53,642	3/4	68,262	3/4	83,341	3/4	98,421	3/4	113,498	3/4	128,570	3/4	143,642
7	9,428	7	24,507	7	39,464	7	53,944	7	68,576	7	83,655	7	98,735	7	113,812	7	128,884	7	143,956
1/4	9,742	1/4	24,821	1/4	39,765	1/4	54,246	1/4	68,890	1/4	83,969	1/4	99,049	1/4	114,126	1/4	129,198	1/4	144,270
1/2	10,056	1/2	25,135	1/2	40,066	1/2	54,549	1/2	69,204	1/2	84,284	1/2	99,363	1/2	114,440	1/2	129,512	1/2	144,584
3/4	10,370	3/4	25,449	3/4	40,368	3/4	54,851	3/4	69,518	3/4	84,598	3/4	99,677	3/4	114,754	3/4	129,826	3/4	144,898
8	10,684	8	25,763	8	40,669	8	55,153	8	69,832	8	84,912	8	99,991	8	115,068	8	130,140	8	145,212
1/4	10,998	1/4	26,077	1/4	40,971	1/4	55,456	1/4	70,147	1/4	85,226	1/4	100,305	1/4	115,382	1/4	130,454	1/4	145,526
1/2	11,312	1/2	26,391	1/2	41,272	1/2	55,758	1/2	70,461	1/2	85,540	1/2	100,620	1/2	115,696	1/2	130,768	1/2	145,840
3/4	11,627	3/4	26,705	3/4	41,574	3/4	56,061	3/4	70,775	3/4	85,854	3/4	100,934	3/4	116,010	3/4	131,082	3/4	146,154
9	11,941	9	27,019	9	41,875	9	56,363	9	71,089	9	86,169	9	101,248	9	116,324	9	131,396	9	146,468
1/4	12,255	1/4	27,333	1/4	42,177	1/4	56,665	1/4	71,403	1/4	86,483	1/4	101,562	1/4	116,638	1/4	131,710	1/4	146,782
1/2	12,569	1/2	27,647	1/2	42,478	1/2	56,968	1/2	71,717	1/2	86,797	1/2	101,876	1/2	116,952	1/2	132,024	1/2	147,096
3/4	12,883	3/4	27,961	3/4	42,779	3/4	57,270	3/4	72,032	3/4	87,111	3/4	102,190	3/4	117,266	3/4	132,338	3/4	147,410
10	13,197	10	28,275	10	43,081	10	57,572	10	72,346	10	87,425	10	102,505	10	117,580	10	132,652	10	147,724
1/4	13,511	1/4	28,589	1/4	43,382	1/4	57,875	1/4	72,660	1/4	87,739	1/4	102,819	1/4	117,894	1/4	132,966	1/4	148,038
1/2	13,826	1/2	28,903	1/2	43,684	1/2	58,177	1/2	72,974	1/2	88,053	1/2	103,133	1/2	118,208	1/2	133,280	1/2	148,352
3/4	14,140	3/4	29,217	3/4	43,985	3/4	58,480	3/4	73,288	3/4	88,368	3/4	103,447	3/4	118,522	3/4	133,594	3/4	148,666
11	14,454	11	29,531	11	44,287	11	58,782	11	73,602	11	88,682	11	103,761	11	118,836	11	133,908	11	148,980
1/4	14,768	1/4	29,845	1/4	44,588	1/4	59,084	1/4	73,916	1/4	88,996	1/4	104,075	1/4	119,150	1/4	134,222	1/4	149,294
1/2	15,082	1/2	30,159	1/2	44,890	1/2	59,387	1/2	74,231	1/2	89,310	1/2	104,390	1/2	119,464	1/2	134,536	1/2	149,608
3/4	15,396	3/4	30,473	3/4	45,191	3/4	59,689	3/4	74,545	3/4	89,624	3/4	104,704	3/4	119,778	3/4	134,850	3/4	149,922

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3042"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	150,236	0	165,308	0	180,369	0	195,389	0	210,313	0		0		0		0		0	
1/4	150,550	1/4	165,622	1/4	180,682	1/4	195,702	1/4	210,593	1/4		1/4		1/4		1/4		1/4	
1/2	150,864	1/2	165,936	1/2	180,995	1/2	196,015	1/2	210,873	1/2		1/2		1/2		1/2		1/2	
3/4	151,178	3/4	166,250	3/4	181,308	3/4	196,328	3/4	211,153	3/4		3/4		3/4		3/4		3/4	
1	151,492	1	166,564	1	181,620	1	196,641	1	211,433	1		1		1		1		1	
1/4	151,806	1/4	166,878	1/4	181,933	1/4	196,954	1/4	211,665	1/4		1/4		1/4		1/4		1/4	
1/2	152,120	1/2	167,192	1/2	182,246	1/2	197,267	1/2	211,896	1/2		1/2		1/2		1/2		1/2	
3/4	152,434	3/4	167,506	3/4	182,559	3/4	197,580	3/4	212,128	3/4		3/4		3/4		3/4		3/4	
2	152,748	2	167,820	2	182,872	2	197,893	2	212,359	2		2		2		2		2	
1/4	153,062	1/4	168,134	1/4	183,185	1/4	198,206	1/4	212,538	1/4		1/4		1/4		1/4		1/4	
1/2	153,376	1/2	168,448	1/2	183,498	1/2	198,519	1/2	212,717	1/2		1/2		1/2		1/2		1/2	
3/4	153,690	3/4	168,762	3/4	183,811	3/4	198,832	3/4	212,896	3/4		3/4		3/4		3/4		3/4	
3	154,004	3	169,076	3	184,124	3	199,145	3	213,075	3		3		3		3		3	
1/4	154,318	1/4	169,390	1/4	184,437	1/4	199,458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,632	1/2	169,703	1/2	184,750	1/2	199,771	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,946	3/4	170,017	3/4	185,063	3/4	200,083	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,260	4	170,331	4	185,376	4	200,396	4		4		4		4		4		4	
1/4	155,574	1/4	170,645	1/4	185,689	1/4	200,709	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,888	1/2	170,959	1/2	186,002	1/2	201,022	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,202	3/4	171,273	3/4	186,314	3/4	201,335	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,516	5	171,587	5	186,627	5	201,648	5		5		5		5		5		5	
1/4	156,830	1/4	171,901	1/4	186,940	1/4	201,960	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,144	1/2	172,215	1/2	187,253	1/2	202,271	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,458	3/4	172,529	3/4	187,566	3/4	202,582	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,772	6	172,843	6	187,879	6	202,894	6		6		6		6		6		6	
1/4	158,086	1/4	173,157	1/4	188,192	1/4	203,203	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,400	1/2	173,471	1/2	188,505	1/2	203,513	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,714	3/4	173,785	3/4	188,818	3/4	203,823	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,028	7	174,099	7	189,131	7	204,133	7		7		7		7		7		7	
1/4	159,342	1/4	174,413	1/4	189,444	1/4	204,443	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,656	1/2	174,727	1/2	189,757	1/2	204,753	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,970	3/4	175,041	3/4	190,070	3/4	205,063	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,284	8	175,355	8	190,383	8	205,373	8		8		8		8		8		8	
1/4	160,598	1/4	175,669	1/4	190,696	1/4	205,683	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,912	1/2	175,983	1/2	191,008	1/2	205,993	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,226	3/4	176,297	3/4	191,321	3/4	206,303	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,540	9	176,611	9	191,634	9	206,613	9		9		9		9		9		9	
1/4	161,854	1/4	176,925	1/4	191,947	1/4	206,922	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,168	1/2	177,238	1/2	192,260	1/2	207,232	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,482	3/4	177,552	3/4	192,573	3/4	207,542	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,796	10	177,865	10	192,886	10	207,852	10		10		10		10		10		10	
1/4	163,110	1/4	178,178	1/4	193,199	1/4	208,162	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,424	1/2	178,491	1/2	193,512	1/2	208,471	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,738	3/4	178,804	3/4	193,825	3/4	208,781	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,052	11	179,117	11	194,138	11	209,090	11		11		11		11		11		11	
1/4	164,366	1/4	179,430	1/4	194,451	1/4	209,396	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,680	1/2	179,743	1/2	194,764	1/2	209,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,994	3/4	180,056	3/4	195,077	3/4	210,007	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/03/2020 CL
CALCULATED: 03/03/2020 CL
PRINTED: 03/04/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3042"

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	1,033	0	15,709	0	30,784	0	45,842	0	60,904	0	75,982	0	91,059	0	106,137	0	121,209	0	136,279
1/4	1,268	1/4	16,023	1/4	31,099	1/4	46,155	1/4	61,218	1/4	76,296	1/4	91,374	1/4	106,451	1/4	121,523	1/4	136,593
1/2	1,504	1/2	16,337	1/2	31,413	1/2	46,468	1/2	61,532	1/2	76,610	1/2	91,688	1/2	106,765	1/2	121,837	1/2	136,907
3/4	1,739	3/4	16,651	3/4	31,727	3/4	46,781	3/4	61,847	3/4	76,924	3/4	92,002	3/4	107,079	3/4	122,151	3/4	137,221
1	1,975	1	16,966	1	32,041	1	47,094	1	62,161	1	77,238	1	92,316	1	107,394	1	122,465	1	137,535
1/4	2,268	1/4	17,280	1/4	32,355	1/4	47,408	1/4	62,475	1/4	77,552	1/4	92,630	1/4	107,708	1/4	122,779	1/4	137,849
1/2	2,562	1/2	17,594	1/2	32,669	1/2	47,721	1/2	62,789	1/2	77,867	1/2	92,944	1/2	108,022	1/2	123,093	1/2	138,163
3/4	2,856	3/4	17,908	3/4	32,983	3/4	48,034	3/4	63,103	3/4	78,181	3/4	93,258	3/4	108,336	3/4	123,407	3/4	138,477
2	3,150	2	18,222	2	33,297	2	48,347	2	63,417	2	78,495	2	93,572	2	108,650	2	123,721	2	138,791
1/4	3,463	1/4	18,536	1/4	33,611	1/4	48,660	1/4	63,731	1/4	78,809	1/4	93,887	1/4	108,964	1/4	124,035	1/4	139,105
1/2	3,776	1/2	18,850	1/2	33,926	1/2	48,974	1/2	64,045	1/2	79,123	1/2	94,201	1/2	109,278	1/2	124,349	1/2	139,419
3/4	4,089	3/4	19,164	3/4	34,240	3/4	49,287	3/4	64,360	3/4	79,437	3/4	94,515	3/4	109,592	3/4	124,663	3/4	139,733
3	4,402	3	19,479	3	34,554	3	49,600	3	64,674	3	79,751	3	94,829	3	109,906	3	124,977	3	140,047
1/4	4,716	1/4	19,793	1/4	34,868	1/4	49,914	1/4	64,988	1/4	80,065	1/4	95,143	1/4	110,221	1/4	125,291	1/4	140,361
1/2	5,030	1/2	20,107	1/2	35,182	1/2	50,227	1/2	65,302	1/2	80,379	1/2	95,457	1/2	110,535	1/2	125,605	1/2	140,675
3/4	5,344	3/4	20,421	3/4	35,496	3/4	50,540	3/4	65,616	3/4	80,694	3/4	95,771	3/4	110,849	3/4	125,919	3/4	140,989
4	5,658	4	20,735	4	35,810	4	50,854	4	65,930	4	81,008	4	96,085	4	111,163	4	126,233	4	141,303
1/4	5,972	1/4	21,049	1/4	36,124	1/4	51,168	1/4	66,244	1/4	81,322	1/4	96,399	1/4	111,477	1/4	126,547	1/4	141,617
1/2	6,286	1/2	21,363	1/2	36,439	1/2	51,481	1/2	66,558	1/2	81,636	1/2	96,714	1/2	111,791	1/2	126,861	1/2	141,931
3/4	6,600	3/4	21,677	3/4	36,753	3/4	51,795	3/4	66,872	3/4	81,950	3/4	97,028	3/4	112,105	3/4	127,175	3/4	142,245
5	6,914	5	21,991	5	37,067	5	52,109	5	67,187	5	82,264	5	97,342	5	112,418	5	127,489	5	142,559
1/4	7,228	1/4	22,306	1/4	37,381	1/4	52,423	1/4	67,501	1/4	82,578	1/4	97,656	1/4	112,732	1/4	127,803	1/4	142,873
1/2	7,542	1/2	22,620	1/2	37,695	1/2	52,737	1/2	67,815	1/2	82,892	1/2	97,970	1/2	113,046	1/2	128,116	1/2	143,187
3/4	7,856	3/4	22,934	3/4	38,009	3/4	53,051	3/4	68,129	3/4	83,207	3/4	98,284	3/4	113,360	3/4	128,430	3/4	143,500
6	8,170	6	23,248	6	38,323	6	53,365	6	68,443	6	83,521	6	98,598	6	113,674	6	128,744	6	143,814
1/4	8,484	1/4	23,562	1/4	38,637	1/4	53,680	1/4	68,757	1/4	83,835	1/4	98,912	1/4	113,988	1/4	129,058	1/4	144,128
1/2	8,799	1/2	23,876	1/2	38,951	1/2	53,994	1/2	69,071	1/2	84,149	1/2	99,227	1/2	114,302	1/2	129,372	1/2	144,442
3/4	9,113	3/4	24,190	3/4	39,264	3/4	54,308	3/4	69,385	3/4	84,463	3/4	99,541	3/4	114,616	3/4	129,686	3/4	144,756
7	9,427	7	24,504	7	39,578	7	54,622	7	69,700	7	84,777	7	99,855	7	114,930	7	130,000	7	145,070
1/4	9,741	1/4	24,819	1/4	39,891	1/4	54,936	1/4	70,014	1/4	85,091	1/4	100,169	1/4	115,244	1/4	130,314	1/4	145,384
1/2	10,055	1/2	25,133	1/2	40,204	1/2	55,250	1/2	70,328	1/2	85,405	1/2	100,483	1/2	115,558	1/2	130,628	1/2	145,698
3/4	10,369	3/4	25,447	3/4	40,517	3/4	55,564	3/4	70,642	3/4	85,719	3/4	100,797	3/4	115,872	3/4	130,942	3/4	146,012
8	10,683	8	25,761	8	40,831	8	55,878	8	70,956	8	86,034	8	101,111	8	116,186	8	131,256	8	146,326
1/4	10,997	1/4	26,075	1/4	41,144	1/4	56,192	1/4	71,270	1/4	86,348	1/4	101,425	1/4	116,500	1/4	131,570	1/4	146,640
1/2	11,312	1/2	26,389	1/2	41,457	1/2	56,507	1/2	71,584	1/2	86,662	1/2	101,739	1/2	116,814	1/2	131,884	1/2	146,954
3/4	11,626	3/4	26,703	3/4	41,770	3/4	56,821	3/4	71,898	3/4	86,976	3/4	102,054	3/4	117,128	3/4	132,198	3/4	147,268
9	11,940	9	27,017	9	42,083	9	57,135	9	72,212	9	87,290	9	102,368	9	117,442	9	132,512	9	147,582
1/4	12,254	1/4	27,331	1/4	42,397	1/4	57,449	1/4	72,527	1/4	87,604	1/4	102,682	1/4	117,756	1/4	132,826	1/4	147,896
1/2	12,568	1/2	27,645	1/2	42,710	1/2	57,763	1/2	72,841	1/2	87,918	1/2	102,996	1/2	118,070	1/2	133,140	1/2	148,210
3/4	12,882	3/4	27,959	3/4	43,023	3/4	58,077	3/4	73,155	3/4	88,232	3/4	103,310	3/4	118,384	3/4	133,454	3/4	148,524
10	13,196	10	28,273	10	43,336	10	58,391	10	73,469	10	88,547	10	103,624	10	118,698	10	133,768	10	148,838
1/4	13,510	1/4	28,587	1/4	43,649	1/4	58,705	1/4	73,783	1/4	88,861	1/4	103,938	1/4	119,012	1/4	134,082	1/4	149,152
1/2	13,824	1/2	28,900	1/2	43,962	1/2	59,020	1/2	74,097	1/2	89,175	1/2	104,252	1/2	119,326	1/2	134,396	1/2	149,466
3/4	14,139	3/4	29,214	3/4	44,276	3/4	59,334	3/4	74,411	3/4	89,489	3/4	104,567	3/4	119,640	3/4	134,710	3/4	149,780
11	14,453	11	29,528	11	44,589	11	59,648	11	74,725	11	89,803	11	104,881	11	119,954	11	135,024	11	150,094
1/4	14,767	1/4	29,842	1/4	44,902	1/4	59,962	1/4	75,039	1/4	90,117	1/4	105,195	1/4	120,267	1/4	135,338	1/4	150,408
1/2	15,081	1/2	30,156	1/2	45,215	1/2	60,276	1/2	75,354	1/2	90,431	1/2	105,509	1/2	120,581	1/2	135,651	1/2	150,722
3/4	15,395	3/4	30,470	3/4	45,528	3/4	60,590	3/4	75,668	3/4	90,745	3/4	105,823	3/4	120,895	3/4	135,965	3/4	151,036

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH.
 GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.
 GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD

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 3042"

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	151,349	0	166,420	0	181,479	0	196,498	0	211,420	0		0		0		0		0	
1/4	151,663	1/4	166,733	1/4	181,792	1/4	196,811	1/4	211,700	1/4		1/4		1/4		1/4		1/4	
1/2	151,977	1/2	167,047	1/2	182,105	1/2	197,124	1/2	211,980	1/2		1/2		1/2		1/2		1/2	
3/4	152,291	3/4	167,361	3/4	182,418	3/4	197,437	3/4	212,260	3/4		3/4		3/4		3/4		3/4	
1	152,605	1	167,675	1	182,731	1	197,749	1	212,540	1		1		1		1		1	
1/4	152,919	1/4	167,989	1/4	183,043	1/4	198,062	1/4	212,771	1/4		1/4		1/4		1/4		1/4	
1/2	153,233	1/2	168,303	1/2	183,356	1/2	198,375	1/2	213,003	1/2		1/2		1/2		1/2		1/2	
3/4	153,547	3/4	168,617	3/4	183,669	3/4	198,688	3/4	213,234	3/4		3/4		3/4		3/4		3/4	
2	153,861	2	168,931	2	183,982	2	199,001	2	213,466	2		2		2		2		2	
1/4	154,175	1/4	169,245	1/4	184,295	1/4	199,314	1/4	213,645	1/4		1/4		1/4		1/4		1/4	
1/2	154,489	1/2	169,559	1/2	184,608	1/2	199,627	1/2	213,824	1/2		1/2		1/2		1/2		1/2	
3/4	154,803	3/4	169,873	3/4	184,921	3/4	199,940	3/4	214,003	3/4		3/4		3/4		3/4		3/4	
3	155,117	3	170,187	3	185,234	3	200,253	3	214,182	3		3		3		3		3	
1/4	155,431	1/4	170,501	1/4	185,547	1/4	200,565	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,745	1/2	170,815	1/2	185,859	1/2	200,878	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,059	3/4	171,129	3/4	186,172	3/4	201,191	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,373	4	171,443	4	186,485	4	201,504	4		4		4		4		4		4	
1/4	156,687	1/4	171,757	1/4	186,798	1/4	201,817	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,001	1/2	172,071	1/2	187,111	1/2	202,130	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,315	3/4	172,385	3/4	187,424	3/4	202,443	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,629	5	172,699	5	187,737	5	202,756	5		5		5		5		5		5	
1/4	157,943	1/4	173,013	1/4	188,050	1/4	203,067	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,257	1/2	173,327	1/2	188,363	1/2	203,378	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,571	3/4	173,641	3/4	188,675	3/4	203,690	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,885	6	173,955	6	188,988	6	204,001	6		6		6		6		6		6	
1/4	159,198	1/4	174,269	1/4	189,301	1/4	204,311	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,512	1/2	174,582	1/2	189,614	1/2	204,621	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,826	3/4	174,896	3/4	189,927	3/4	204,931	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,140	7	175,210	7	190,240	7	205,240	7		7		7		7		7		7	
1/4	160,454	1/4	175,524	1/4	190,553	1/4	205,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,768	1/2	175,838	1/2	190,866	1/2	205,860	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,082	3/4	176,152	3/4	191,179	3/4	206,170	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,396	8	176,466	8	191,492	8	206,480	8		8		8		8		8		8	
1/4	161,710	1/4	176,780	1/4	191,804	1/4	206,790	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,024	1/2	177,094	1/2	192,117	1/2	207,100	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,338	3/4	177,408	3/4	192,430	3/4	207,410	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,652	9	177,722	9	192,743	9	207,720	9		9		9		9		9		9	
1/4	162,966	1/4	178,036	1/4	193,056	1/4	208,029	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,280	1/2	178,349	1/2	193,369	1/2	208,339	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,594	3/4	178,662	3/4	193,682	3/4	208,649	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,908	10	178,976	10	193,995	10	208,959	10		10		10		10		10		10	
1/4	164,222	1/4	179,289	1/4	194,308	1/4	209,269	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,536	1/2	179,602	1/2	194,620	1/2	209,578	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,850	3/4	179,914	3/4	194,933	3/4	209,887	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,164	11	180,227	11	195,246	11	210,197	11		11		11		11		11		11	
1/4	165,478	1/4	180,540	1/4	195,559	1/4	210,503	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,792	1/2	180,853	1/2	195,872	1/2	210,808	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,106	3/4	181,166	3/4	196,185	3/4	211,114	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/03/2020 CL
CALCULATED: 03/03/2020 CL
PRINTED: 03/04/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3042"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,028	0	15,630	0	30,615	0	45,371	0	59,925	0	74,831	0	89,794	0	104,769	0	119,733	0	134,694
1/4	1,262	1/4	15,942	1/4	30,927	1/4	45,673	1/4	60,237	1/4	75,142	1/4	90,106	1/4	105,081	1/4	120,045	1/4	135,006
1/2	1,497	1/2	16,254	1/2	31,239	1/2	45,975	1/2	60,549	1/2	75,452	1/2	90,418	1/2	105,393	1/2	120,357	1/2	135,318
3/4	1,731	3/4	16,566	3/4	31,551	3/4	46,276	3/4	60,861	3/4	75,762	3/4	90,730	3/4	105,705	3/4	120,668	3/4	135,629
1	1,966	1	16,878	1	31,864	1	46,578	1	61,172	1	76,072	1	91,042	1	106,017	1	120,980	1	135,941
1/4	2,258	1/4	17,191	1/4	32,176	1/4	46,880	1/4	61,484	1/4	76,382	1/4	91,353	1/4	106,329	1/4	121,292	1/4	136,253
1/2	2,551	1/2	17,503	1/2	32,488	1/2	47,182	1/2	61,796	1/2	76,693	1/2	91,665	1/2	106,641	1/2	121,603	1/2	136,565
3/4	2,843	3/4	17,815	3/4	32,800	3/4	47,484	3/4	62,108	3/4	77,003	3/4	91,977	3/4	106,953	3/4	121,915	3/4	136,876
2	3,135	2	18,127	2	33,113	2	47,786	2	62,420	2	77,313	2	92,289	2	107,265	2	122,227	2	137,188
1/4	3,447	1/4	18,440	1/4	33,425	1/4	48,088	1/4	62,731	1/4	77,624	1/4	92,601	1/4	107,577	1/4	122,538	1/4	137,500
1/2	3,759	1/2	18,752	1/2	33,737	1/2	48,390	1/2	63,042	1/2	77,935	1/2	92,913	1/2	107,889	1/2	122,850	1/2	137,811
3/4	4,071	3/4	19,064	3/4	34,049	3/4	48,693	3/4	63,353	3/4	78,247	3/4	93,224	3/4	108,200	3/4	123,162	3/4	138,123
3	4,382	3	19,376	3	34,361	3	48,995	3	63,664	3	78,558	3	93,536	3	108,512	3	123,473	3	138,435
1/4	4,695	1/4	19,689	1/4	34,673	1/4	49,298	1/4	63,974	1/4	78,870	1/4	93,848	1/4	108,824	1/4	123,785	1/4	138,746
1/2	5,007	1/2	20,001	1/2	34,985	1/2	49,600	1/2	64,284	1/2	79,182	1/2	94,160	1/2	109,136	1/2	124,097	1/2	139,058
3/4	5,320	3/4	20,313	3/4	35,297	3/4	49,902	3/4	64,595	3/4	79,494	3/4	94,472	3/4	109,447	3/4	124,409	3/4	139,370
4	5,632	4	20,625	4	35,608	4	50,205	4	64,905	4	79,807	4	94,784	4	109,759	4	124,720	4	139,681
1/4	5,944	1/4	20,938	1/4	35,916	1/4	50,507	1/4	65,215	1/4	80,119	1/4	95,096	1/4	110,071	1/4	125,032	1/4	139,993
1/2	6,257	1/2	21,250	1/2	36,224	1/2	50,809	1/2	65,525	1/2	80,431	1/2	95,407	1/2	110,382	1/2	125,344	1/2	140,305
3/4	6,569	3/4	21,562	3/4	36,533	3/4	51,112	3/4	65,835	3/4	80,743	3/4	95,719	3/4	110,694	3/4	125,655	3/4	140,616
5	6,882	5	21,874	5	36,841	5	51,414	5	66,146	5	81,055	5	96,031	5	111,006	5	125,967	5	140,928
1/4	7,194	1/4	22,186	1/4	37,146	1/4	51,716	1/4	66,456	1/4	81,367	1/4	96,343	1/4	111,318	1/4	126,279	1/4	141,239
1/2	7,507	1/2	22,499	1/2	37,450	1/2	52,019	1/2	66,766	1/2	81,680	1/2	96,655	1/2	111,629	1/2	126,590	1/2	141,551
3/4	7,819	3/4	22,811	3/4	37,755	3/4	52,321	3/4	67,076	3/4	81,992	3/4	96,967	3/4	111,941	3/4	126,902	3/4	141,862
6	8,131	6	23,123	6	38,060	6	52,624	6	67,386	6	82,304	6	97,279	6	112,253	6	127,214	6	142,173
1/4	8,444	1/4	23,435	1/4	38,365	1/4	52,926	1/4	67,697	1/4	82,616	1/4	97,591	1/4	112,564	1/4	127,525	1/4	142,480
1/2	8,757	1/2	23,748	1/2	38,670	1/2	53,228	1/2	68,007	1/2	82,928	1/2	97,903	1/2	112,876	1/2	127,837	1/2	142,787
3/4	9,069	3/4	24,060	3/4	38,975	3/4	53,531	3/4	68,317	3/4	83,240	3/4	98,215	3/4	113,188	3/4	128,149	3/4	143,094
7	9,382	7	24,372	7	39,280	7	53,833	7	68,627	7	83,553	7	98,527	7	113,499	7	128,461	7	143,401
1/4	9,695	1/4	24,684	1/4	39,585	1/4	54,135	1/4	68,938	1/4	83,865	1/4	98,839	1/4	113,811	1/4	128,772	1/4	143,696
1/2	10,007	1/2	24,997	1/2	39,890	1/2	54,438	1/2	69,248	1/2	84,177	1/2	99,151	1/2	114,123	1/2	129,084	1/2	143,991
3/4	10,320	3/4	25,309	3/4	40,195	3/4	54,740	3/4	69,558	3/4	84,489	3/4	99,463	3/4	114,434	3/4	129,396	3/4	144,285
8	10,633	8	25,621	8	40,500	8	55,043	8	69,868	8	84,801	8	99,775	8	114,746	8	129,707	8	144,580
1/4	10,945	1/4	25,933	1/4	40,804	1/4	55,345	1/4	70,178	1/4	85,113	1/4	100,087	1/4	115,058	1/4	130,019	1/4	144,858
1/2	11,258	1/2	26,245	1/2	41,109	1/2	55,647	1/2	70,489	1/2	85,426	1/2	100,399	1/2	115,370	1/2	130,331	1/2	145,137
3/4	11,570	3/4	26,558	3/4	41,414	3/4	55,950	3/4	70,799	3/4	85,738	3/4	100,711	3/4	115,681	3/4	130,642	3/4	145,415
9	11,883	9	26,870	9	41,719	9	56,252	9	71,109	9	86,050	9	101,023	9	115,993	9	130,954	9	145,694
1/4	12,195	1/4	27,182	1/4	42,024	1/4	56,556	1/4	71,419	1/4	86,362	1/4	101,335	1/4	116,305	1/4	131,266	1/4	145,957
1/2	12,507	1/2	27,494	1/2	42,329	1/2	56,860	1/2	71,729	1/2	86,674	1/2	101,648	1/2	116,616	1/2	131,577	1/2	146,219
3/4	12,819	3/4	27,806	3/4	42,634	3/4	57,164	3/4	72,040	3/4	86,986	3/4	101,960	3/4	116,928	3/4	131,889	3/4	146,482
10	13,132	10	28,118	10	42,939	10	57,468	10	72,350	10	87,299	10	102,272	10	117,240	10	132,201	10	146,745
1/4	13,444	1/4	28,430	1/4	43,244	1/4	57,773	1/4	72,660	1/4	87,611	1/4	102,584	1/4	117,551	1/4	132,513	1/4	146,992
1/2	13,756	1/2	28,742	1/2	43,549	1/2	58,079	1/2	72,970	1/2	87,923	1/2	102,896	1/2	117,863	1/2	132,824	1/2	147,239
3/4	14,068	3/4	29,054	3/4	43,853	3/4	58,385	3/4	73,280	3/4	88,235	3/4	103,208	3/4	118,175	3/4	133,136	3/4	147,487
11	14,381	11	29,366	11	44,158	11	58,690	11	73,591	11	88,547	11	103,520	11	118,486	11	133,448	11	147,734
1/4	14,693	1/4	29,678	1/4	44,462	1/4	58,999	1/4	73,901	1/4	88,859	1/4	103,832	1/4	118,798	1/4	133,759	1/4	147,965
1/2	15,005	1/2	29,990	1/2	44,765	1/2	59,308	1/2	74,211	1/2	89,170	1/2	104,144	1/2	119,110	1/2	134,071	1/2	148,196
3/4	15,317	3/4	30,303	3/4	45,068	3/4	59,616	3/4	74,521	3/4	89,482	3/4	104,457	3/4	119,422	3/4	134,383	3/4	148,427

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH.

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

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "HSM 3042"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,658	0	159,037	0	169,395	0	179,724	0	190,038	0		0		0		0		0	
1/4	148,877	1/4	159,253	1/4	169,610	1/4	179,939	1/4	190,232	1/4		1/4		1/4		1/4		1/4	
1/2	149,097	1/2	159,469	1/2	169,826	1/2	180,154	1/2	190,425	1/2		1/2		1/2		1/2		1/2	
3/4	149,316	3/4	159,685	3/4	170,041	3/4	180,370	3/4	190,618	3/4		3/4		3/4		3/4		3/4	
1	149,536	1	159,901	1	170,256	1	180,585	1	190,811	1		1		1		1		1	
1/4	149,752	1/4	160,117	1/4	170,471	1/4	180,800	1/4	190,970	1/4		1/4		1/4		1/4		1/4	
1/2	149,968	1/2	160,333	1/2	170,686	1/2	181,015	1/2	191,130	1/2		1/2		1/2		1/2		1/2	
3/4	150,184	3/4	160,549	3/4	170,901	3/4	181,230	3/4	191,289	3/4		3/4		3/4		3/4		3/4	
2	150,400	2	160,765	2	171,117	2	181,446	2	191,449	2		2		2		2		2	
1/4	150,615	1/4	160,981	1/4	171,332	1/4	181,661	1/4	191,573	1/4		1/4		1/4		1/4		1/4	
1/2	150,831	1/2	161,197	1/2	171,547	1/2	181,876	1/2	191,696	1/2		1/2		1/2		1/2		1/2	
3/4	151,047	3/4	161,413	3/4	171,762	3/4	182,091	3/4	191,820	3/4		3/4		3/4		3/4		3/4	
3	151,263	3	161,629	3	171,977	3	182,306	3	191,943	3		3		3		3		3	
1/4	151,479	1/4	161,845	1/4	172,193	1/4	182,521	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,695	1/2	162,061	1/2	172,408	1/2	182,737	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	151,911	3/4	162,277	3/4	172,623	3/4	182,952	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,127	4	162,492	4	172,838	4	183,167	4		4		4		4		4		4	
1/4	152,343	1/4	162,708	1/4	173,053	1/4	183,382	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,559	1/2	162,924	1/2	173,268	1/2	183,597	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,775	3/4	163,140	3/4	173,484	3/4	183,813	3/4		3/4		3/4		3/4		3/4		3/4	
5	152,991	5	163,356	5	173,699	5	184,028	5		5		5		5		5		5	
1/4	153,207	1/4	163,572	1/4	173,914	1/4	184,243	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,423	1/2	163,788	1/2	174,129	1/2	184,458	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,639	3/4	164,004	3/4	174,344	3/4	184,673	3/4		3/4		3/4		3/4		3/4		3/4	
6	153,855	6	164,220	6	174,560	6	184,889	6		6		6		6		6		6	
1/4	154,071	1/4	164,436	1/4	174,775	1/4	185,104	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,287	1/2	164,652	1/2	174,990	1/2	185,319	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,502	3/4	164,868	3/4	175,205	3/4	185,534	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,718	7	165,084	7	175,420	7	185,749	7		7		7		7		7		7	
1/4	154,934	1/4	165,300	1/4	175,636	1/4	185,965	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,150	1/2	165,516	1/2	175,851	1/2	186,180	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,366	3/4	165,732	3/4	176,066	3/4	186,395	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,582	8	165,948	8	176,281	8	186,610	8		8		8		8		8		8	
1/4	155,798	1/4	166,164	1/4	176,496	1/4	186,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,014	1/2	166,380	1/2	176,711	1/2	187,041	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,230	3/4	166,595	3/4	176,927	3/4	187,256	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,446	9	166,811	9	177,142	9	187,471	9		9		9		9		9		9	
1/4	156,662	1/4	167,027	1/4	177,357	1/4	187,687	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,878	1/2	167,243	1/2	177,572	1/2	187,902	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,094	3/4	167,458	3/4	177,787	3/4	188,117	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,310	10	167,674	10	178,003	10	188,332	10		10		10		10		10		10	
1/4	157,526	1/4	167,889	1/4	178,218	1/4	188,547	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,742	1/2	168,104	1/2	178,433	1/2	188,762	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,958	3/4	168,319	3/4	178,648	3/4	188,977	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,174	11	168,534	11	178,863	11	189,192	11		11		11		11		11		11	
1/4	158,390	1/4	168,750	1/4	179,079	1/4	189,404	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,605	1/2	168,965	1/2	179,294	1/2	189,615	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,821	3/4	169,180	3/4	179,509	3/4	189,827	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/03/2020 CL
CALCULATED: 03/03/2020 CL
PRINTED: 03/04/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
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BARGE "HSM 3042"

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	1,029	0	15,651	0	30,673	0	45,680	0	60,700	0	75,723	0	90,746	0	105,768	0	120,774	0	135,777
1/4	1,263	1/4	15,964	1/4	30,986	1/4	45,992	1/4	61,013	1/4	76,036	1/4	91,059	1/4	106,081	1/4	121,087	1/4	136,089
1/2	1,498	1/2	16,277	1/2	31,299	1/2	46,305	1/2	61,326	1/2	76,349	1/2	91,372	1/2	106,394	1/2	121,399	1/2	136,402
3/4	1,733	3/4	16,590	3/4	31,612	3/4	46,618	3/4	61,639	3/4	76,662	3/4	91,685	3/4	106,707	3/4	121,712	3/4	136,714
1	1,967	1	16,903	1	31,925	1	46,930	1	61,952	1	76,975	1	91,998	1	107,020	1	122,024	1	137,027
1/4	2,260	1/4	17,216	1/4	32,238	1/4	47,243	1/4	62,265	1/4	77,288	1/4	92,311	1/4	107,333	1/4	122,337	1/4	137,340
1/2	2,553	1/2	17,529	1/2	32,551	1/2	47,556	1/2	62,578	1/2	77,601	1/2	92,623	1/2	107,646	1/2	122,650	1/2	137,652
3/4	2,845	3/4	17,842	3/4	32,864	3/4	47,869	3/4	62,891	3/4	77,914	3/4	92,936	3/4	107,959	3/4	122,962	3/4	137,965
2	3,138	2	18,155	2	33,177	2	48,182	2	63,204	2	78,227	2	93,249	2	108,271	2	123,275	2	138,277
1/4	3,450	1/4	18,468	1/4	33,490	1/4	48,495	1/4	63,517	1/4	78,540	1/4	93,562	1/4	108,584	1/4	123,587	1/4	138,590
1/2	3,762	1/2	18,781	1/2	33,803	1/2	48,808	1/2	63,830	1/2	78,853	1/2	93,875	1/2	108,897	1/2	123,900	1/2	138,902
3/4	4,074	3/4	19,094	3/4	34,116	3/4	49,121	3/4	64,143	3/4	79,166	3/4	94,188	3/4	109,209	3/4	124,212	3/4	139,215
3	4,386	3	19,407	3	34,429	3	49,434	3	64,456	3	79,479	3	94,501	3	109,522	3	124,525	3	139,527
1/4	4,699	1/4	19,720	1/4	34,742	1/4	49,747	1/4	64,769	1/4	79,792	1/4	94,814	1/4	109,835	1/4	124,837	1/4	139,840
1/2	5,011	1/2	20,033	1/2	35,054	1/2	50,060	1/2	65,082	1/2	80,105	1/2	95,127	1/2	110,147	1/2	125,150	1/2	140,152
3/4	5,324	3/4	20,346	3/4	35,367	3/4	50,372	3/4	65,395	3/4	80,418	3/4	95,440	3/4	110,460	3/4	125,462	3/4	140,465
4	5,637	4	20,659	4	35,680	4	50,685	4	65,708	4	80,731	4	95,753	4	110,772	4	125,775	4	140,778
1/4	5,950	1/4	20,972	1/4	35,992	1/4	50,998	1/4	66,021	1/4	81,044	1/4	96,066	1/4	111,085	1/4	126,088	1/4	141,090
1/2	6,263	1/2	21,285	1/2	36,305	1/2	51,311	1/2	66,334	1/2	81,357	1/2	96,379	1/2	111,398	1/2	126,400	1/2	141,403
3/4	6,576	3/4	21,598	3/4	36,617	3/4	51,624	3/4	66,647	3/4	81,670	3/4	96,692	3/4	111,710	3/4	126,713	3/4	141,715
5	6,888	5	21,911	5	36,930	5	51,937	5	66,960	5	81,982	5	97,005	5	112,023	5	127,025	5	142,028
1/4	7,201	1/4	22,224	1/4	37,242	1/4	52,250	1/4	67,273	1/4	82,295	1/4	97,318	1/4	112,335	1/4	127,338	1/4	142,340
1/2	7,514	1/2	22,536	1/2	37,555	1/2	52,563	1/2	67,586	1/2	82,608	1/2	97,631	1/2	112,648	1/2	127,650	1/2	142,652
3/4	7,827	3/4	22,849	3/4	37,867	3/4	52,876	3/4	67,899	3/4	82,921	3/4	97,944	3/4	112,960	3/4	127,963	3/4	142,964
6	8,140	6	23,162	6	38,180	6	53,189	6	68,212	6	83,234	6	98,257	6	113,273	6	128,275	6	143,277
1/4	8,453	1/4	23,475	1/4	38,492	1/4	53,502	1/4	68,525	1/4	83,547	1/4	98,570	1/4	113,585	1/4	128,588	1/4	143,584
1/2	8,766	1/2	23,788	1/2	38,805	1/2	53,815	1/2	68,838	1/2	83,860	1/2	98,883	1/2	113,898	1/2	128,901	1/2	143,892
3/4	9,079	3/4	24,101	3/4	39,117	3/4	54,128	3/4	69,151	3/4	84,173	3/4	99,196	3/4	114,211	3/4	129,213	3/4	144,200
7	9,392	7	24,414	7	39,430	7	54,441	7	69,464	7	84,486	7	99,509	7	114,523	7	129,526	7	144,508
1/4	9,705	1/4	24,727	1/4	39,742	1/4	54,754	1/4	69,777	1/4	84,799	1/4	99,822	1/4	114,836	1/4	129,838	1/4	144,803
1/2	10,018	1/2	25,040	1/2	40,055	1/2	55,067	1/2	70,090	1/2	85,112	1/2	100,135	1/2	115,148	1/2	130,151	1/2	145,099
3/4	10,331	3/4	25,353	3/4	40,367	3/4	55,380	3/4	70,403	3/4	85,425	3/4	100,448	3/4	115,461	3/4	130,463	3/4	145,394
8	10,644	8	25,666	8	40,679	8	55,693	8	70,716	8	85,738	8	100,761	8	115,773	8	130,776	8	145,690
1/4	10,957	1/4	25,979	1/4	40,992	1/4	56,006	1/4	71,029	1/4	86,051	1/4	101,074	1/4	116,086	1/4	131,088	1/4	145,969
1/2	11,270	1/2	26,292	1/2	41,304	1/2	56,319	1/2	71,341	1/2	86,364	1/2	101,387	1/2	116,398	1/2	131,401	1/2	146,248
3/4	11,583	3/4	26,605	3/4	41,617	3/4	56,632	3/4	71,654	3/4	86,677	3/4	101,700	3/4	116,711	3/4	131,714	3/4	146,528
9	11,896	9	26,918	9	41,929	9	56,945	9	71,967	9	86,990	9	102,013	9	117,024	9	132,026	9	146,807
1/4	12,209	1/4	27,231	1/4	42,242	1/4	57,258	1/4	72,280	1/4	87,303	1/4	102,326	1/4	117,336	1/4	132,339	1/4	147,070
1/2	12,522	1/2	27,544	1/2	42,554	1/2	57,571	1/2	72,593	1/2	87,616	1/2	102,639	1/2	117,649	1/2	132,651	1/2	147,334
3/4	12,835	3/4	27,857	3/4	42,867	3/4	57,884	3/4	72,906	3/4	87,929	3/4	102,952	3/4	117,961	3/4	132,964	3/4	147,597
10	13,148	10	28,170	10	43,179	10	58,197	10	73,219	10	88,242	10	103,264	10	118,274	10	133,276	10	147,860
1/4	13,461	1/4	28,483	1/4	43,492	1/4	58,510	1/4	73,532	1/4	88,555	1/4	103,577	1/4	118,586	1/4	133,589	1/4	148,108
1/2	13,774	1/2	28,796	1/2	43,804	1/2	58,823	1/2	73,845	1/2	88,868	1/2	103,890	1/2	118,899	1/2	133,901	1/2	148,355
3/4	14,087	3/4	29,109	3/4	44,117	3/4	59,136	3/4	74,158	3/4	89,181	3/4	104,203	3/4	119,211	3/4	134,214	3/4	148,603
11	14,400	11	29,422	11	44,429	11	59,449	11	74,471	11	89,494	11	104,516	11	119,524	11	134,527	11	148,850
1/4	14,712	1/4	29,735	1/4	44,742	1/4	59,762	1/4	74,784	1/4	89,807	1/4	104,829	1/4	119,837	1/4	134,839	1/4	149,081
1/2	15,025	1/2	30,048	1/2	45,054	1/2	60,075	1/2	75,097	1/2	90,120	1/2	105,142	1/2	120,149	1/2	135,152	1/2	149,312
3/4	15,338	3/4	30,361	3/4	45,367	3/4	60,388	3/4	75,410	3/4	90,433	3/4	105,455	3/4	120,462	3/4	135,464	3/4	149,544

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH.

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

GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "HSM 3042"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	149,775	0	160,160	0	170,524	0	180,859	0	191,179	0	0	0	0	0	0	0	0	0	0
1/4	149,995	1/4	160,377	1/4	170,739	1/4	181,074	1/4	191,372	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,214	1/2	160,593	1/2	170,955	1/2	181,290	1/2	191,566	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,434	3/4	160,809	3/4	171,170	3/4	181,505	3/4	191,759	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	150,653	1	161,025	1	171,385	1	181,720	1	191,952	1	1	1	1	1	1	1	1	1	1
1/4	150,869	1/4	161,241	1/4	171,601	1/4	181,936	1/4	192,111	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,086	1/2	161,457	1/2	171,816	1/2	182,151	1/2	192,271	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,302	3/4	161,673	3/4	172,031	3/4	182,366	3/4	192,431	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	151,518	2	161,889	2	172,247	2	182,581	2	192,591	2	2	2	2	2	2	2	2	2	2
1/4	151,734	1/4	162,105	1/4	172,462	1/4	182,797	1/4	192,714	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,950	1/2	162,321	1/2	172,677	1/2	183,012	1/2	192,838	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,166	3/4	162,537	3/4	172,893	3/4	183,227	3/4	192,962	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	152,382	3	162,753	3	173,108	3	183,443	3	193,085	3	3	3	3	3	3	3	3	3	3
1/4	152,598	1/4	162,969	1/4	173,323	1/4	183,658	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,814	1/2	163,185	1/2	173,538	1/2	183,873	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,030	3/4	163,401	3/4	173,754	3/4	184,089	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	153,246	4	163,618	4	173,969	4	184,304	4	4	4	4	4	4	4	4	4	4	4	4
1/4	153,462	1/4	163,834	1/4	174,184	1/4	184,519	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,678	1/2	164,050	1/2	174,400	1/2	184,735	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,894	3/4	164,266	3/4	174,615	3/4	184,950	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	154,111	5	164,482	5	174,830	5	185,165	5	5	5	5	5	5	5	5	5	5	5	5
1/4	154,327	1/4	164,698	1/4	175,046	1/4	185,380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,543	1/2	164,914	1/2	175,261	1/2	185,596	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,759	3/4	165,130	3/4	175,476	3/4	185,811	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	154,975	6	165,346	6	175,692	6	186,026	6	6	6	6	6	6	6	6	6	6	6	6
1/4	155,191	1/4	165,562	1/4	175,907	1/4	186,242	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,407	1/2	165,778	1/2	176,122	1/2	186,457	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,623	3/4	165,994	3/4	176,337	3/4	186,672	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	155,839	7	166,210	7	176,553	7	186,888	7	7	7	7	7	7	7	7	7	7	7	7
1/4	156,055	1/4	166,426	1/4	176,768	1/4	187,103	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,271	1/2	166,643	1/2	176,983	1/2	187,318	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,487	3/4	166,859	3/4	177,199	3/4	187,534	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	156,703	8	167,075	8	177,414	8	187,749	8	8	8	8	8	8	8	8	8	8	8	8
1/4	156,919	1/4	167,291	1/4	177,629	1/4	187,964	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,135	1/2	167,507	1/2	177,845	1/2	188,180	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,352	3/4	167,723	3/4	178,060	3/4	188,395	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	157,568	9	167,939	9	178,275	9	188,611	9	9	9	9	9	9	9	9	9	9	9	9
1/4	157,784	1/4	168,155	1/4	178,491	1/4	188,826	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,000	1/2	168,370	1/2	178,706	1/2	189,041	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,216	3/4	168,586	3/4	178,921	3/4	189,257	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	158,432	10	168,802	10	179,137	10	189,472	10	10	10	10	10	10	10	10	10	10	10	10
1/4	158,648	1/4	169,017	1/4	179,352	1/4	189,687	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,864	1/2	169,232	1/2	179,567	1/2	189,902	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,080	3/4	169,448	3/4	179,782	3/4	190,117	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	159,296	11	169,663	11	179,998	11	190,332	11	11	11	11	11	11	11	11	11	11	11	11
1/4	159,512	1/4	169,878	1/4	180,213	1/4	190,544	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,728	1/2	170,094	1/2	180,428	1/2	190,756	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,944	3/4	170,309	3/4	180,644	3/4	190,968	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/03/2020 CL
CALCULATED: 03/03/2020 CL
PRINTED: 03/04/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

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



BARGE "HSM 3042"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT

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ALL PRIOR TO 03/2020

PRECISION MEASUREMENT
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P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3042"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "HSM 3042"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 4'-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	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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