



BARGE "HSM 3042"

ULLAGE 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 ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

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"

ULLAGE 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 ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

March 4, 2020

**PRECISION MEASUREMENT
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BARGE "HSM 3042"

1 PORT ULLAGE 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		0		0	199,905	0	184,924	0	169,927	0	154,901	0	139,876	0	124,850	0	109,825	0	94,794
1/4		1/4		1/4	199,594	1/4	184,612	1/4	169,614	1/4	154,588	1/4	139,563	1/4	124,537	1/4	109,512	1/4	94,481
1/2		1/2		1/2	199,282	1/2	184,300	1/2	169,301	1/2	154,275	1/2	139,250	1/2	124,224	1/2	109,199	1/2	94,167
3/4		3/4		3/4	198,969	3/4	183,988	3/4	168,988	3/4	153,962	3/4	138,937	3/4	123,911	3/4	108,886	3/4	93,854
1		1		1	198,657	1	183,676	1	168,675	1	153,649	1	138,624	1	123,598	1	108,573	1	93,541
1/4		1/4		1/4	198,345	1/4	183,363	1/4	168,362	1/4	153,336	1/4	138,311	1/4	123,285	1/4	108,260	1/4	93,228
1/2		1/2		1/2	198,033	1/2	183,051	1/2	168,049	1/2	153,023	1/2	137,998	1/2	122,972	1/2	107,947	1/2	92,915
3/4		3/4		3/4	197,721	3/4	182,739	3/4	167,736	3/4	152,710	3/4	137,685	3/4	122,659	3/4	107,633	3/4	92,602
2		2		2	197,409	2	182,427	2	167,423	2	152,397	2	137,372	2	122,346	2	107,320	2	92,288
1/4		1/4		1/4	211,027	1/4	197,097	1/4	182,115	1/4	167,110	1/4	152,084	1/4	137,059	1/4	122,033	1/4	107,007
1/2		1/2		1/2	210,848	1/2	196,785	1/2	181,803	1/2	166,797	1/2	151,771	1/2	136,746	1/2	121,720	1/2	106,694
3/4		3/4		3/4	210,668	3/4	196,472	3/4	181,491	3/4	166,484	3/4	151,458	3/4	136,433	3/4	121,407	3/4	106,381
3		3		3	210,488	3	196,160	3	181,179	3	166,171	3	151,145	3	136,119	3	121,094	3	106,068
1/4		1/4		1/4	210,309	1/4	195,848	1/4	180,867	1/4	165,857	1/4	150,832	1/4	135,806	1/4	120,781	1/4	105,755
1/2		1/2		1/2	210,077	1/2	195,536	1/2	180,554	1/2	165,544	1/2	150,519	1/2	135,493	1/2	120,468	1/2	105,441
3/4		3/4		3/4	209,845	3/4	195,224	3/4	180,242	3/4	165,231	3/4	150,206	3/4	135,180	3/4	120,155	3/4	105,128
4		4		4	209,613	4	194,912	4	179,930	4	164,918	4	149,893	4	134,867	4	119,842	4	104,815
1/4		1/4		1/4	209,382	1/4	194,600	1/4	179,618	1/4	164,605	1/4	149,580	1/4	134,554	1/4	119,529	1/4	104,502
1/2		1/2		1/2	209,101	1/2	194,288	1/2	179,306	1/2	164,292	1/2	149,267	1/2	134,241	1/2	119,216	1/2	104,189
3/4		3/4		3/4	208,821	3/4	193,976	3/4	178,994	3/4	163,979	3/4	148,954	3/4	133,928	3/4	118,903	3/4	103,876
5		5		5	208,541	5	193,663	5	178,682	5	163,666	5	148,641	5	133,615	5	118,590	5	103,562
1/4		1/4		1/4	208,261	1/4	193,351	1/4	178,370	1/4	163,353	1/4	148,328	1/4	133,302	1/4	118,277	1/4	103,249
1/2		1/2		1/2	207,955	1/2	193,039	1/2	178,057	1/2	163,040	1/2	148,015	1/2	132,989	1/2	117,964	1/2	102,936
3/4		3/4		3/4	207,649	3/4	192,727	3/4	177,745	3/4	162,727	3/4	147,702	3/4	132,676	3/4	117,651	3/4	102,623
6		6		6	207,343	6	192,415	6	177,433	6	162,414	6	147,389	6	132,363	6	117,338	6	102,310
1/4		1/4		1/4	207,037	1/4	192,103	1/4	177,121	1/4	162,101	1/4	147,076	1/4	132,050	1/4	117,025	1/4	101,997
1/2		1/2		1/2	206,727	1/2	191,791	1/2	176,809	1/2	161,788	1/2	146,763	1/2	131,737	1/2	116,712	1/2	101,683
3/4		3/4		3/4	206,418	3/4	191,479	3/4	176,497	3/4	161,475	3/4	146,450	3/4	131,424	3/4	116,399	3/4	101,370
7		7		7	206,108	7	191,166	7	176,185	7	161,162	7	146,136	7	131,111	7	116,085	7	101,057
1/4		1/4		1/4	205,798	1/4	190,854	1/4	175,873	1/4	160,849	1/4	145,823	1/4	130,798	1/4	115,772	1/4	100,744
1/2		1/2		1/2	205,488	1/2	190,542	1/2	175,560	1/2	160,536	1/2	145,510	1/2	130,485	1/2	115,459	1/2	100,431
3/4		3/4		3/4	205,178	3/4	190,230	3/4	175,248	3/4	160,223	3/4	145,197	3/4	130,172	3/4	115,146	3/4	100,118
8		8		8	204,868	8	189,918	8	174,935	8	159,910	8	144,884	8	129,859	8	114,833	8	99,804
1/4		1/4		1/4	204,558	1/4	189,606	1/4	174,622	1/4	159,597	1/4	144,571	1/4	129,546	1/4	114,520	1/4	99,491
1/2		1/2		1/2	204,248	1/2	189,294	1/2	174,309	1/2	159,284	1/2	144,258	1/2	129,233	1/2	114,207	1/2	99,178
3/4		3/4		3/4	203,938	3/4	188,982	3/4	173,996	3/4	158,971	3/4	143,945	3/4	128,920	3/4	113,894	3/4	98,865
9		9		9	203,628	9	188,670	9	173,683	9	158,658	9	143,632	9	128,607	9	113,581	9	98,552
1/4		1/4		1/4	203,318	1/4	188,357	1/4	173,370	1/4	158,345	1/4	143,319	1/4	128,294	1/4	113,268	1/4	98,239
1/2		1/2		1/2	203,008	1/2	188,045	1/2	173,057	1/2	158,032	1/2	143,006	1/2	127,981	1/2	112,955	1/2	97,925
3/4		3/4		3/4	202,698	3/4	187,733	3/4	172,744	3/4	157,719	3/4	142,693	3/4	127,668	3/4	112,642	3/4	97,612
10		10		10	202,388	10	187,421	10	172,431	10	157,406	10	142,380	10	127,355	10	112,329	10	97,299
1/4		1/4		1/4	202,078	1/4	187,109	1/4	172,118	1/4	157,093	1/4	142,067	1/4	127,042	1/4	112,016	1/4	96,986
1/2		1/2		1/2	201,768	1/2	186,797	1/2	171,805	1/2	156,780	1/2	141,754	1/2	126,729	1/2	111,703	1/2	96,673
3/4		3/4		3/4	201,458	3/4	186,485	3/4	171,492	3/4	156,467	3/4	141,441	3/4	126,416	3/4	111,390	3/4	96,360
11		11		11	201,148	11	186,173	11	171,179	11	156,154	11	141,128	11	126,102	11	111,077	11	96,046
1/4		1/4		1/4	200,838	1/4	185,860	1/4	170,866	1/4	155,840	1/4	140,815	1/4	125,789	1/4	110,764	1/4	95,733
1/2		1/2		1/2	200,527	1/2	185,548	1/2	170,553	1/2	155,527	1/2	140,502	1/2	125,476	1/2	110,451	1/2	95,420
3/4		3/4		3/4	200,216	3/4	185,236	3/4	170,240	3/4	155,214	3/4	140,189	3/4	125,163	3/4	110,138	3/4	95,107

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH.

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

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

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1 PORT ULLAGE 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	79,762	0	64,730	0	49,798	0	34,771	0	19,739	0	5,521	0		0		0		0	
1/4	79,449	1/4	64,417	1/4	49,486	1/4	34,458	1/4	19,426	1/4	5,247	1/4		1/4		1/4		1/4	
1/2	79,135	1/2	64,105	1/2	49,174	1/2	34,145	1/2	19,113	1/2	4,976	1/2		1/2		1/2		1/2	
3/4	78,822	3/4	63,793	3/4	48,862	3/4	33,831	3/4	18,800	3/4	4,705	3/4		3/4		3/4		3/4	
1	78,509	1	63,482	1	48,549	1	33,518	1	18,487	1	4,434	1		1		1		1	
1/4	78,196	1/4	63,170	1/4	48,237	1/4	33,205	1/4	18,174	1/4	4,164	1/4		1/4		1/4		1/4	
1/2	77,883	1/2	62,859	1/2	47,923	1/2	32,892	1/2	17,861	1/2	3,897	1/2		1/2		1/2		1/2	
3/4	77,570	3/4	62,548	3/4	47,610	3/4	32,579	3/4	17,549	3/4	3,630	3/4		3/4		3/4		3/4	
2	77,256	2	62,237	2	47,297	2	32,266	2	17,237	2	3,364	2		2		2		2	
1/4	76,943	1/4	61,926	1/4	46,984	1/4	31,952	1/4	16,925	1/4	3,097	1/4		1/4		1/4		1/4	
1/2	76,630	1/2	61,615	1/2	46,671	1/2	31,639	1/2	16,615	1/2	2,835	1/2		1/2		1/2		1/2	
3/4	76,317	3/4	61,304	3/4	46,358	3/4	31,326	3/4	16,306	3/4	2,573	3/4		3/4		3/4		3/4	
3	76,004	3	60,993	3	46,045	3	31,013	3	15,997	3	2,311	3		3		3		3	
1/4	75,691	1/4	60,682	1/4	45,731	1/4	30,700	1/4	15,688	1/4	2,049	1/4		1/4		1/4		1/4	
1/2	75,377	1/2	60,372	1/2	45,418	1/2	30,387	1/2	15,382	1/2	1,810	1/2		1/2		1/2		1/2	
3/4	75,064	3/4	60,061	3/4	45,105	3/4	30,074	3/4	15,077	3/4	1,571	3/4		3/4		3/4		3/4	
4	74,751	4	59,750	4	44,792	4	29,760	4	14,771	4	1,332	4		4		4		4	
1/4	74,438	1/4	59,439	1/4	44,479	1/4	29,447	1/4	14,466	1/4	1,094	1/4		1/4		1/4		1/4	
1/2	74,125	1/2	59,128	1/2	44,166	1/2	29,134	1/2	14,164	1/2	917	1/2		1/2		1/2		1/2	
3/4	73,812	3/4	58,818	3/4	43,852	3/4	28,821	3/4	13,863	3/4	740	3/4		3/4		3/4		3/4	
5	73,498	5	58,507	5	43,539	5	28,508	5	13,561	5	563	5		5		5		5	
1/4	73,185	1/4	58,196	1/4	43,226	1/4	28,195	1/4	13,259	1/4	386	1/4		1/4		1/4		1/4	
1/2	72,872	1/2	57,885	1/2	42,913	1/2	27,881	1/2	12,962	1/2		1/2		1/2		1/2		1/2	
3/4	72,559	3/4	57,574	3/4	42,600	3/4	27,568	3/4	12,664	3/4		3/4		3/4		3/4		3/4	
6	72,246	6	57,264	6	42,287	6	27,255	6	12,366	6		6		6		6		6	
1/4	71,933	1/4	56,953	1/4	41,973	1/4	26,942	1/4	12,068	1/4		1/4		1/4		1/4		1/4	
1/2	71,619	1/2	56,642	1/2	41,660	1/2	26,629	1/2	11,775	1/2		1/2		1/2		1/2		1/2	
3/4	71,306	3/4	56,331	3/4	41,347	3/4	26,316	3/4	11,481	3/4		3/4		3/4		3/4		3/4	
7	70,993	7	56,020	7	41,034	7	26,002	7	11,187	7		7		7		7		7	
1/4	70,680	1/4	55,710	1/4	40,721	1/4	25,689	1/4	10,893	1/4		1/4		1/4		1/4		1/4	
1/2	70,367	1/2	55,399	1/2	40,408	1/2	25,376	1/2	10,603	1/2		1/2		1/2		1/2		1/2	
3/4	70,054	3/4	55,088	3/4	40,095	3/4	25,063	3/4	10,313	3/4		3/4		3/4		3/4		3/4	
8	69,740	8	54,777	8	39,781	8	24,750	8	10,023	8		8		8		8		8	
1/4	69,427	1/4	54,466	1/4	39,468	1/4	24,437	1/4	9,733	1/4		1/4		1/4		1/4		1/4	
1/2	69,114	1/2	54,156	1/2	39,155	1/2	24,124	1/2	9,447	1/2		1/2		1/2		1/2		1/2	
3/4	68,801	3/4	53,845	3/4	38,842	3/4	23,810	3/4	9,160	3/4		3/4		3/4		3/4		3/4	
9	68,488	9	53,534	9	38,529	9	23,497	9	8,874	9		9		9		9		9	
1/4	68,175	1/4	53,223	1/4	38,216	1/4	23,184	1/4	8,588	1/4		1/4		1/4		1/4		1/4	
1/2	67,861	1/2	52,912	1/2	37,902	1/2	22,871	1/2	8,306	1/2		1/2		1/2		1/2		1/2	
3/4	67,548	3/4	52,601	3/4	37,589	3/4	22,558	3/4	8,023	3/4		3/4		3/4		3/4		3/4	
10	67,235	10	52,290	10	37,276	10	22,245	10	7,741	10		10		10		10		10	
1/4	66,922	1/4	51,979	1/4	36,963	1/4	21,931	1/4	7,459	1/4		1/4		1/4		1/4		1/4	
1/2	66,609	1/2	51,668	1/2	36,650	1/2	21,618	1/2	7,180	1/2		1/2		1/2		1/2		1/2	
3/4	66,296	3/4	51,356	3/4	36,337	3/4	21,305	3/4	6,902	3/4		3/4		3/4		3/4		3/4	
11	65,982	11	51,045	11	36,024	11	20,992	11	6,623	11		11		11		11		11	
1/4	65,669	1/4	50,733	1/4	35,710	1/4	20,679	1/4	6,345	1/4		1/4		1/4		1/4		1/4	
1/2	65,356	1/2	50,422	1/2	35,397	1/2	20,366	1/2	6,070	1/2		1/2		1/2		1/2		1/2	
3/4	65,043	3/4	50,110	3/4	35,084	3/4	20,052	3/4	5,796	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"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	200,237	0	185,263	0	170,272	0	155,252	0	140,232	0	125,213	0	110,193	0	95,168		
1/4	1/4	1/4	1/4	1/4	199,926	1/4	184,951	1/4	169,959	1/4	154,939	1/4	139,919	1/4	124,900	1/4	109,880	1/4	94,855		
1/2	1/2	1/2	1/2	1/2	199,615	1/2	184,639	1/2	169,646	1/2	154,627	1/2	139,607	1/2	124,587	1/2	109,567	1/2	94,542		
3/4	3/4	3/4	3/4	3/4	199,303	3/4	184,327	3/4	169,334	3/4	154,314	3/4	139,294	3/4	124,274	3/4	109,254	3/4	94,229		
1	1	1	1	1	198,991	1	184,015	1	169,021	1	154,001	1	138,981	1	123,961	1	108,941	1	93,916		
1/4	1/4	1/4	1/4	1/4	198,679	1/4	183,703	1/4	168,708	1/4	153,688	1/4	138,668	1/4	123,648	1/4	108,628	1/4	93,602		
1/2	1/2	1/2	1/2	1/2	198,367	1/2	183,391	1/2	168,395	1/2	153,375	1/2	138,355	1/2	123,335	1/2	108,315	1/2	93,289		
3/4	3/4	3/4	3/4	3/4	198,055	3/4	183,079	3/4	168,082	3/4	153,062	3/4	138,042	3/4	123,022	3/4	108,002	3/4	92,976		
2	2	2	2	2	197,743	2	182,767	2	167,769	2	152,749	2	137,729	2	122,709	2	107,689	2	92,663		
1/4	1/4	1/4	1/4	1/4	197,431	1/4	182,455	1/4	167,456	1/4	152,436	1/4	137,416	1/4	122,396	1/4	107,376	1/4	92,350		
1/2	1/2	1/2	1/2	1/2	211,045	1/2	197,119	1/2	182,143	1/2	167,143	1/2	152,123	1/2	137,103	1/2	122,083	1/2	107,063	1/2	92,037
3/4	3/4	3/4	3/4	3/4	210,865	3/4	196,807	3/4	181,831	3/4	166,830	3/4	151,810	3/4	136,790	3/4	121,771	3/4	106,750	3/4	91,724
3	3	3	3	3	210,686	3	196,495	3	181,519	3	166,517	3	151,497	3	136,477	3	121,458	3	106,437	3	91,411
1/4	1/4	1/4	1/4	1/4	210,506	1/4	196,183	1/4	181,207	1/4	166,204	1/4	151,184	1/4	136,164	1/4	121,145	1/4	106,124	1/4	91,098
1/2	1/2	1/2	1/2	1/2	210,326	1/2	195,871	1/2	180,895	1/2	165,892	1/2	150,872	1/2	135,852	1/2	120,832	1/2	105,811	1/2	90,785
3/4	3/4	3/4	3/4	3/4	210,095	3/4	195,559	3/4	180,583	3/4	165,579	3/4	150,559	3/4	135,539	3/4	120,519	3/4	105,498	3/4	90,472
4	4	4	4	4	209,863	4	195,247	4	180,271	4	165,266	4	150,246	4	135,226	4	120,206	4	105,185	4	90,159
1/4	1/4	1/4	1/4	1/4	209,631	1/4	194,935	1/4	179,959	1/4	164,933	1/4	149,933	1/4	134,913	1/4	119,893	1/4	104,872	1/4	89,846
1/2	1/2	1/2	1/2	1/2	209,400	1/2	194,623	1/2	179,647	1/2	164,640	1/2	149,620	1/2	134,600	1/2	119,580	1/2	104,559	1/2	89,533
3/4	3/4	3/4	3/4	3/4	209,119	3/4	194,311	3/4	179,335	3/4	164,327	3/4	149,307	3/4	134,287	3/4	119,267	3/4	104,246	3/4	89,220
5	5	5	5	5	208,839	5	193,999	5	179,023	5	164,014	5	148,994	5	133,974	5	118,954	5	103,933	5	88,907
1/4	1/4	1/4	1/4	1/4	208,559	1/4	193,687	1/4	178,711	1/4	163,701	1/4	148,681	1/4	133,661	1/4	118,641	1/4	103,620	1/4	88,594
1/2	1/2	1/2	1/2	1/2	208,279	1/2	193,375	1/2	178,399	1/2	163,388	1/2	148,368	1/2	133,348	1/2	118,329	1/2	103,307	1/2	88,281
3/4	3/4	3/4	3/4	3/4	207,973	3/4	193,063	3/4	178,087	3/4	163,075	3/4	148,055	3/4	133,035	3/4	118,016	3/4	102,994	3/4	87,968
6	6	6	6	6	207,667	6	192,751	6	177,775	6	162,762	6	147,742	6	132,722	6	117,703	6	102,681	6	87,655
1/4	1/4	1/4	1/4	1/4	207,362	1/4	192,439	1/4	177,463	1/4	162,449	1/4	147,429	1/4	132,410	1/4	117,390	1/4	102,368	1/4	87,342
1/2	1/2	1/2	1/2	1/2	207,056	1/2	192,127	1/2	177,151	1/2	162,137	1/2	147,117	1/2	132,097	1/2	117,077	1/2	102,055	1/2	87,028
3/4	3/4	3/4	3/4	3/4	206,746	3/4	191,815	3/4	176,839	3/4	161,824	3/4	146,804	3/4	131,784	3/4	116,764	3/4	101,742	3/4	86,715
7	7	7	7	7	206,437	7	191,503	7	176,527	7	161,511	7	146,491	7	131,471	7	116,451	7	101,429	7	86,402
1/4	1/4	1/4	1/4	1/4	206,127	1/4	191,191	1/4	176,215	1/4	161,198	1/4	146,178	1/4	131,158	1/4	116,138	1/4	101,116	1/4	86,089
1/2	1/2	1/2	1/2	1/2	205,818	1/2	190,879	1/2	175,903	1/2	160,885	1/2	145,865	1/2	130,845	1/2	115,825	1/2	100,803	1/2	85,776
3/4	3/4	3/4	3/4	3/4	205,508	3/4	190,567	3/4	175,591	3/4	160,572	3/4	145,552	3/4	130,532	3/4	115,512	3/4	100,489	3/4	85,463
8	8	8	8	8	205,198	8	190,255	8	175,278	8	160,259	8	145,239	8	130,219	8	115,199	8	100,176	8	85,150
1/4	1/4	1/4	1/4	1/4	204,888	1/4	189,943	1/4	174,966	1/4	159,946	1/4	144,926	1/4	129,906	1/4	114,887	1/4	99,863	1/4	84,837
1/2	1/2	1/2	1/2	1/2	204,578	1/2	189,631	1/2	174,653	1/2	159,633	1/2	144,613	1/2	129,593	1/2	114,574	1/2	99,550	1/2	84,524
3/4	3/4	3/4	3/4	3/4	204,268	3/4	189,319	3/4	174,340	3/4	159,320	3/4	144,300	3/4	129,280	3/4	114,261	3/4	99,237	3/4	84,211
9	9	9	9	9	203,958	9	189,007	9	174,027	9	159,007	9	143,987	9	128,968	9	113,948	9	98,924	9	83,898
1/4	1/4	1/4	1/4	1/4	203,648	1/4	188,695	1/4	173,714	1/4	158,694	1/4	143,674	1/4	128,655	1/4	113,635	1/4	98,911	1/4	83,585
1/2	1/2	1/2	1/2	1/2	203,338	1/2	188,383	1/2	173,401	1/2	158,382	1/2	143,362	1/2	128,342	1/2	113,322	1/2	98,298	1/2	83,272
3/4	3/4	3/4	3/4	3/4	203,028	3/4	188,071	3/4	173,089	3/4	158,069	3/4	143,049	3/4	128,029	3/4	113,009	3/4	97,985	3/4	82,959
10	10	10	10	10	202,718	10	187,759	10	172,776	10	157,756	10	142,736	10	127,716	10	112,696	10	97,672	10	82,646
1/4	1/4	1/4	1/4	1/4	202,408	1/4	187,447	1/4	172,463	1/4	157,443	1/4	142,423	1/4	127,403	1/4	112,383	1/4	97,359	1/4	82,333
1/2	1/2	1/2	1/2	1/2	202,098	1/2	187,135	1/2	172,150	1/2	157,130	1/2	142,110	1/2	127,090	1/2	112,070	1/2	97,046	1/2	82,020
3/4	3/4	3/4	3/4	3/4	201,789	3/4	186,823	3/4	171,837	3/4	156,817	3/4	141,797	3/4	126,777	3/4	111,757	3/4	96,733	3/4	81,707
11	11	11	11	11	201,479	11	186,511	11	171,524	11	156,504	11	141,484	11	126,464	11	111,444	11	96,220	11	81,394
1/4	1/4	1/4	1/4	1/4	201,169	1/4	186,199	1/4	171,211	1/4	156,191	1/4	141,171	1/4	126,151	1/4	111,132	1/4	96,107	1/4	81,081
1/2	1/2	1/2	1/2	1/2	200,859	1/2	185,887	1/2	170,898	1/2	155,878	1/2	140,858	1/2	125,838	1/2	110,819	1/2	95,794	1/2	80,768
3/4	3/4	3/4	3/4	3/4	200,548	3/4	185,575	3/4	170,585	3/4	155,565	3/4	140,545	3/4	125,525	3/4	110,506	3/4	95,481	3/4	80,455

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 ULLAGE 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 ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	80,141	0	65,115	0	50,096	0	35,071	0	20,045	0	5,794	0		0		0		0	
1/4	79,828	1/4	64,802	1/4	49,783	1/4	34,758	1/4	19,732	1/4	5,519	1/4		1/4		1/4		1/4	
1/2	79,515	1/2	64,489	1/2	49,470	1/2	34,445	1/2	19,419	1/2	5,245	1/2		1/2		1/2		1/2	
3/4	79,202	3/4	64,176	3/4	49,157	3/4	34,132	3/4	19,106	3/4	4,974	3/4		3/4		3/4		3/4	
1	78,889	1	63,863	1	48,844	1	33,819	1	18,793	1	4,703	1		1		1		1	
1/4	78,576	1/4	63,550	1/4	48,531	1/4	33,505	1/4	18,480	1/4	4,433	1/4		1/4		1/4		1/4	
1/2	78,263	1/2	63,237	1/2	48,218	1/2	33,192	1/2	18,167	1/2	4,162	1/2		1/2		1/2		1/2	
3/4	77,950	3/4	62,924	3/4	47,905	3/4	32,879	3/4	17,855	3/4	3,896	3/4		3/4		3/4		3/4	
2	77,637	2	62,611	2	47,592	2	32,566	2	17,543	2	3,629	2		2		2		2	
1/4	77,324	1/4	62,298	1/4	47,279	1/4	32,253	1/4	17,230	1/4	3,363	1/4		1/4		1/4		1/4	
1/2	77,011	1/2	61,985	1/2	46,966	1/2	31,940	1/2	16,918	1/2	3,096	1/2		1/2		1/2		1/2	
3/4	76,698	3/4	61,672	3/4	46,653	3/4	31,627	3/4	16,609	3/4	2,834	3/4		3/4		3/4		3/4	
3	76,385	3	61,359	3	46,340	3	31,314	3	16,300	3	2,572	3		3		3		3	
1/4	76,072	1/4	61,046	1/4	46,027	1/4	31,001	1/4	15,991	1/4	2,310	1/4		1/4		1/4		1/4	
1/2	75,759	1/2	60,734	1/2	45,714	1/2	30,688	1/2	15,682	1/2	2,048	1/2		1/2		1/2		1/2	
3/4	75,446	3/4	60,421	3/4	45,401	3/4	30,375	3/4	15,376	3/4	1,809	3/4		3/4		3/4		3/4	
4	75,133	4	60,108	4	45,088	4	30,062	4	15,071	4	1,571	4		4		4		4	
1/4	74,820	1/4	59,795	1/4	44,775	1/4	29,749	1/4	14,766	1/4	1,332	1/4		1/4		1/4		1/4	
1/2	74,507	1/2	59,482	1/2	44,462	1/2	29,436	1/2	14,460	1/2	1,093	1/2		1/2		1/2		1/2	
3/4	74,194	3/4	59,169	3/4	44,149	3/4	29,123	3/4	14,159	3/4	916	3/4		3/4		3/4		3/4	
5	73,881	5	58,857	5	43,836	5	28,810	5	13,857	5	739	5		5		5		5	
1/4	73,567	1/4	58,544	1/4	43,523	1/4	28,497	1/4	13,556	1/4	562	1/4		1/4		1/4		1/4	
1/2	73,254	1/2	58,231	1/2	43,210	1/2	28,184	1/2	13,254	1/2	385	1/2		1/2		1/2		1/2	
3/4	72,941	3/4	57,918	3/4	42,897	3/4	27,871	3/4	12,957	3/4		3/4		3/4		3/4		3/4	
6	72,628	6	57,605	6	42,584	6	27,558	6	12,659	6		6		6		6		6	
1/4	72,315	1/4	57,293	1/4	42,271	1/4	27,245	1/4	12,362	1/4		1/4		1/4		1/4		1/4	
1/2	72,002	1/2	56,980	1/2	41,957	1/2	26,932	1/2	12,064	1/2		1/2		1/2		1/2		1/2	
3/4	71,689	3/4	56,667	3/4	41,644	3/4	26,619	3/4	11,770	3/4		3/4		3/4		3/4		3/4	
7	71,376	7	56,354	7	41,331	7	26,306	7	11,476	7		7		7		7		7	
1/4	71,063	1/4	56,041	1/4	41,018	1/4	25,993	1/4	11,183	1/4		1/4		1/4		1/4		1/4	
1/2	70,750	1/2	55,728	1/2	40,705	1/2	25,680	1/2	10,889	1/2		1/2		1/2		1/2		1/2	
3/4	70,437	3/4	55,416	3/4	40,392	3/4	25,367	3/4	10,599	3/4		3/4		3/4		3/4		3/4	
8	70,124	8	55,103	8	40,079	8	25,053	8	10,309	8		8		8		8		8	
1/4	69,811	1/4	54,790	1/4	39,766	1/4	24,740	1/4	10,019	1/4		1/4		1/4		1/4		1/4	
1/2	69,498	1/2	54,477	1/2	39,453	1/2	24,427	1/2	9,729	1/2		1/2		1/2		1/2		1/2	
3/4	69,185	3/4	54,164	3/4	39,140	3/4	24,114	3/4	9,443	3/4		3/4		3/4		3/4		3/4	
9	68,872	9	53,852	9	38,827	9	23,801	9	9,157	9		9		9		9		9	
1/4	68,559	1/4	53,539	1/4	38,514	1/4	23,488	1/4	8,871	1/4		1/4		1/4		1/4		1/4	
1/2	68,246	1/2	53,226	1/2	38,201	1/2	23,175	1/2	8,585	1/2		1/2		1/2		1/2		1/2	
3/4	67,933	3/4	52,913	3/4	37,888	3/4	22,862	3/4	8,303	3/4		3/4		3/4		3/4		3/4	
10	67,620	10	52,600	10	37,575	10	22,549	10	8,021	10		10		10		10		10	
1/4	67,307	1/4	52,287	1/4	37,262	1/4	22,236	1/4	7,738	1/4		1/4		1/4		1/4		1/4	
1/2	66,994	1/2	51,974	1/2	36,949	1/2	21,923	1/2	7,456	1/2		1/2		1/2		1/2		1/2	
3/4	66,680	3/4	51,661	3/4	36,636	3/4	21,610	3/4	7,178	3/4		3/4		3/4		3/4		3/4	
11	66,367	11	51,348	11	36,323	11	21,297	11	6,899	11		11		11		11		11	
1/4	66,054	1/4	51,035	1/4	36,010	1/4	20,984	1/4	6,621	1/4		1/4		1/4		1/4		1/4	
1/2	65,741	1/2	50,722	1/2	35,697	1/2	20,671	1/2	6,343	1/2		1/2		1/2		1/2		1/2	
3/4	65,428	3/4	50,409	3/4	35,384	3/4	20,358	3/4	6,068	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"

2 PORT ULLAGE 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		0		0	201,648	0	186,627	0	171,587	0	156,516	0	141,444	0	126,372	0	111,300	0	96,221
1/4		1/4		1/4	201,335	1/4	186,314	1/4	171,273	1/4	156,202	1/4	141,130	1/4	126,058	1/4	110,986	1/4	95,907
1/2		1/2		1/2	201,022	1/2	186,002	1/2	170,959	1/2	155,888	1/2	140,816	1/2	125,744	1/2	110,672	1/2	95,593
3/4		3/4		3/4	200,709	3/4	185,689	3/4	170,645	3/4	155,574	3/4	140,502	3/4	125,430	3/4	110,358	3/4	95,279
1		1		1	200,396	1	185,376	1	170,331	1	155,260	1	140,188	1	125,116	1	110,044	1	94,965
1/4		1/4		1/4	200,083	1/4	185,063	1/4	170,017	1/4	154,946	1/4	139,874	1/4	124,802	1/4	109,730	1/4	94,651
1/2		1/2		1/2	199,771	1/2	184,750	1/2	169,703	1/2	154,632	1/2	139,560	1/2	124,488	1/2	109,416	1/2	94,337
3/4		3/4		3/4	199,458	3/4	184,437	3/4	169,390	3/4	154,318	3/4	139,246	3/4	124,174	3/4	109,102	3/4	94,022
2		2	213,075	2	199,145	2	184,124	2	169,076	2	154,004	2	138,932	2	123,860	2	108,788	2	93,708
1/4		1/4	212,896	1/4	198,832	1/4	183,811	1/4	168,762	1/4	153,690	1/4	138,618	1/4	123,546	1/4	108,474	1/4	93,394
1/2		1/2	212,717	1/2	198,519	1/2	183,498	1/2	168,448	1/2	153,376	1/2	138,304	1/2	123,232	1/2	108,159	1/2	93,080
3/4		3/4	212,538	3/4	198,206	3/4	183,185	3/4	168,134	3/4	153,062	3/4	137,990	3/4	122,918	3/4	107,845	3/4	92,766
3		3	212,359	3	197,893	3	182,872	3	167,820	3	152,748	3	137,676	3	122,604	3	107,531	3	92,452
1/4		1/4	212,128	1/4	197,580	1/4	182,559	1/4	167,506	1/4	152,434	1/4	137,362	1/4	122,290	1/4	107,217	1/4	92,137
1/2		1/2	211,896	1/2	197,267	1/2	182,246	1/2	167,192	1/2	152,120	1/2	137,048	1/2	121,976	1/2	106,903	1/2	91,823
3/4		3/4	211,665	3/4	196,954	3/4	181,933	3/4	166,878	3/4	151,806	3/4	136,734	3/4	121,662	3/4	106,589	3/4	91,509
4		4	211,433	4	196,641	4	181,620	4	166,564	4	151,492	4	136,420	4	121,348	4	106,274	4	91,195
1/4		1/4	211,153	1/4	196,328	1/4	181,308	1/4	166,250	1/4	151,178	1/4	136,106	1/4	121,034	1/4	105,960	1/4	90,881
1/2		1/2	210,873	1/2	196,015	1/2	180,995	1/2	165,936	1/2	150,864	1/2	135,792	1/2	120,720	1/2	105,646	1/2	90,567
3/4		3/4	210,593	3/4	195,702	3/4	180,682	3/4	165,622	3/4	150,550	3/4	135,478	3/4	120,406	3/4	105,332	3/4	90,253
5		5	210,313	5	195,389	5	180,369	5	165,308	5	150,236	5	135,164	5	120,092	5	105,018	5	89,938
1/4		1/4	210,007	1/4	195,077	1/4	180,056	1/4	164,994	1/4	149,922	1/4	134,850	1/4	119,778	1/4	104,704	1/4	89,624
1/2		1/2	209,702	1/2	194,764	1/2	179,743	1/2	164,680	1/2	149,608	1/2	134,536	1/2	119,464	1/2	104,390	1/2	89,310
3/4		3/4	209,396	3/4	194,451	3/4	179,430	3/4	164,366	3/4	149,294	3/4	134,222	3/4	119,150	3/4	104,075	3/4	88,996
6		6	209,090	6	194,138	6	179,117	6	164,052	6	148,980	6	133,908	6	118,836	6	103,761	6	88,682
1/4		1/4	208,781	1/4	193,825	1/4	178,804	1/4	163,738	1/4	148,666	1/4	133,594	1/4	118,522	1/4	103,447	1/4	88,368
1/2		1/2	208,471	1/2	193,512	1/2	178,491	1/2	163,424	1/2	148,352	1/2	133,280	1/2	118,208	1/2	103,133	1/2	88,053
3/4		3/4	208,162	3/4	193,199	3/4	178,178	3/4	163,110	3/4	148,038	3/4	132,966	3/4	117,894	3/4	102,819	3/4	87,739
7		7	207,852	7	192,886	7	177,865	7	162,796	7	147,724	7	132,652	7	117,580	7	102,505	7	87,425
1/4		1/4	207,542	1/4	192,573	1/4	177,552	1/4	162,482	1/4	147,410	1/4	132,338	1/4	117,266	1/4	102,190	1/4	87,111
1/2		1/2	207,232	1/2	192,260	1/2	177,238	1/2	162,168	1/2	147,096	1/2	132,024	1/2	116,952	1/2	101,876	1/2	86,797
3/4		3/4	206,922	3/4	191,947	3/4	176,925	3/4	161,854	3/4	146,782	3/4	131,710	3/4	116,638	3/4	101,562	3/4	86,483
8		8	206,613	8	191,634	8	176,611	8	161,540	8	146,468	8	131,396	8	116,324	8	101,248	8	86,169
1/4		1/4	206,303	1/4	191,321	1/4	176,297	1/4	161,226	1/4	146,154	1/4	131,082	1/4	116,010	1/4	100,934	1/4	85,854
1/2		1/2	205,993	1/2	191,008	1/2	175,983	1/2	160,912	1/2	145,840	1/2	130,768	1/2	115,696	1/2	100,620	1/2	85,540
3/4		3/4	205,683	3/4	190,696	3/4	175,669	3/4	160,598	3/4	145,526	3/4	130,454	3/4	115,382	3/4	100,305	3/4	85,226
9		9	205,373	9	190,383	9	175,355	9	160,284	9	145,212	9	130,140	9	115,068	9	99,991	9	84,912
1/4		1/4	205,063	1/4	190,070	1/4	175,041	1/4	159,970	1/4	144,898	1/4	129,826	1/4	114,754	1/4	99,677	1/4	84,598
1/2		1/2	204,753	1/2	189,757	1/2	174,727	1/2	159,656	1/2	144,584	1/2	129,512	1/2	114,440	1/2	99,363	1/2	84,284
3/4		3/4	204,443	3/4	189,444	3/4	174,413	3/4	159,342	3/4	144,270	3/4	129,198	3/4	114,126	3/4	99,049	3/4	83,969
10		10	204,133	10	189,131	10	174,099	10	159,028	10	143,956	10	128,884	10	113,812	10	98,735	10	83,655
1/4		1/4	203,823	1/4	188,818	1/4	173,785	1/4	158,714	1/4	143,642	1/4	128,570	1/4	113,498	1/4	98,421	1/4	83,341
1/2		1/2	203,513	1/2	188,505	1/2	173,471	1/2	158,400	1/2	143,328	1/2	128,256	1/2	113,184	1/2	98,106	1/2	83,027
3/4		3/4	203,203	3/4	188,192	3/4	173,157	3/4	158,086	3/4	143,014	3/4	127,942	3/4	112,870	3/4	97,792	3/4	82,713
11		11	202,894	11	187,879	11	172,843	11	157,772	11	142,700	11	127,628	11	112,556	11	97,478	11	82,399
1/4		1/4	202,582	1/4	187,566	1/4	172,529	1/4	157,458	1/4	142,386	1/4	127,314	1/4	112,242	1/4	97,164	1/4	82,084
1/2		1/2	202,271	1/2	187,253	1/2	172,215	1/2	157,144	1/2	142,072	1/2	127,000	1/2	111,928	1/2	96,850	1/2	81,770
3/4		3/4	201,960	3/4	186,940	3/4	171,901	3/4	156,830	3/4	141,758	3/4	126,686	3/4	111,614	3/4	96,536	3/4	81,456

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 ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
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BARGE "HSM 3042"

2 PORT ULLAGE 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	81,142	0	66,063	0	51,525	0	37,047	0	21,993	0	6,914	0		0		0		0	
1/4	80,828	1/4	65,754	1/4	51,223	1/4	36,738	1/4	21,679	1/4	6,600	1/4		1/4		1/4		1/4	
1/2	80,514	1/2	65,446	1/2	50,921	1/2	36,430	1/2	21,365	1/2	6,286	1/2		1/2		1/2		1/2	
3/4	80,200	3/4	65,138	3/4	50,619	3/4	36,122	3/4	21,051	3/4	5,972	3/4		3/4		3/4		3/4	
1	79,885	1	64,830	1	50,317	1	35,813	1	20,737	1	5,658	1		1		1		1	
1/4	79,571	1/4	64,527	1/4	50,015	1/4	35,499	1/4	20,423	1/4	5,344	1/4		1/4		1/4		1/4	
1/2	79,257	1/2	64,225	1/2	49,713	1/2	35,185	1/2	20,109	1/2	5,030	1/2		1/2		1/2		1/2	
3/4	78,943	3/4	63,922	3/4	49,412	3/4	34,871	3/4	19,794	3/4	4,716	3/4		3/4		3/4		3/4	
2	78,629	2	63,620	2	49,110	2	34,557	2	19,480	2	4,402	2		2		2		2	
1/4	78,315	1/4	63,318	1/4	48,809	1/4	34,243	1/4	19,166	1/4	4,089	1/4		1/4		1/4		1/4	
1/2	78,000	1/2	63,015	1/2	48,507	1/2	33,929	1/2	18,852	1/2	3,776	1/2		1/2		1/2		1/2	
3/4	77,686	3/4	62,713	3/4	48,205	3/4	33,614	3/4	18,538	3/4	3,463	3/4		3/4		3/4		3/4	
3	77,372	3	62,411	3	47,904	3	33,300	3	18,224	3	3,150	3		3		3		3	
1/4	77,058	1/4	62,108	1/4	47,602	1/4	32,986	1/4	17,909	1/4	2,836	1/4		1/4		1/4		1/4	
1/2	76,744	1/2	61,806	1/2	47,301	1/2	32,672	1/2	17,595	1/2	2,522	1/2		1/2		1/2		1/2	
3/4	76,430	3/4	61,503	3/4	47,000	3/4	32,358	3/4	17,281	3/4	2,209	3/4		3/4		3/4		3/4	
4	76,116	4	61,201	4	46,698	4	32,044	4	16,967	4	1,975	4		4		4		4	
1/4	75,801	1/4	60,899	1/4	46,397	1/4	31,730	1/4	16,653	1/4	1,739	1/4		1/4		1/4		1/4	
1/2	75,487	1/2	60,596	1/2	46,095	1/2	31,415	1/2	16,339	1/2	1,504	1/2		1/2		1/2		1/2	
3/4	75,173	3/4	60,294	3/4	45,794	3/4	31,101	3/4	16,025	3/4	1,268	3/4		3/4		3/4		3/4	
5	74,859	5	59,991	5	45,492	5	30,787	5	15,710	5	1,033	5		5		5		5	
1/4	74,545	1/4	59,689	1/4	45,191	1/4	30,473	1/4	15,396	1/4		1/4		1/4		1/4		1/4	
1/2	74,231	1/2	59,387	1/2	44,890	1/2	30,159	1/2	15,082	1/2		1/2		1/2		1/2		1/2	
3/4	73,916	3/4	59,084	3/4	44,588	3/4	29,845	3/4	14,768	3/4		3/4		3/4		3/4		3/4	
6	73,602	6	58,782	6	44,287	6	29,531	6	14,454	6		6		6		6		6	
1/4	73,288	1/4	58,480	1/4	43,985	1/4	29,217	1/4	14,140	1/4		1/4		1/4		1/4		1/4	
1/2	72,974	1/2	58,177	1/2	43,684	1/2	28,903	1/2	13,826	1/2		1/2		1/2		1/2		1/2	
3/4	72,660	3/4	57,875	3/4	43,382	3/4	28,589	3/4	13,511	3/4		3/4		3/4		3/4		3/4	
7	72,346	7	57,572	7	43,081	7	28,275	7	13,197	7		7		7		7		7	
1/4	72,032	1/4	57,270	1/4	42,779	1/4	27,961	1/4	12,883	1/4		1/4		1/4		1/4		1/4	
1/2	71,717	1/2	56,968	1/2	42,478	1/2	27,647	1/2	12,569	1/2		1/2		1/2		1/2		1/2	
3/4	71,403	3/4	56,665	3/4	42,177	3/4	27,333	3/4	12,255	3/4		3/4		3/4		3/4		3/4	
8	71,089	8	56,363	8	41,875	8	27,019	8	11,941	8		8		8		8		8	
1/4	70,775	1/4	56,061	1/4	41,574	1/4	26,705	1/4	11,627	1/4		1/4		1/4		1/4		1/4	
1/2	70,461	1/2	55,758	1/2	41,272	1/2	26,391	1/2	11,312	1/2		1/2		1/2		1/2		1/2	
3/4	70,147	3/4	55,456	3/4	40,971	3/4	26,077	3/4	10,998	3/4		3/4		3/4		3/4		3/4	
9	69,832	9	55,153	9	40,669	9	25,763	9	10,684	9		9		9		9		9	
1/4	69,518	1/4	54,851	1/4	40,368	1/4	25,449	1/4	10,370	1/4		1/4		1/4		1/4		1/4	
1/2	69,204	1/2	54,549	1/2	40,066	1/2	25,135	1/2	10,056	1/2		1/2		1/2		1/2		1/2	
3/4	68,890	3/4	54,246	3/4	39,765	3/4	24,821	3/4	9,742	3/4		3/4		3/4		3/4		3/4	
10	68,576	10	53,944	10	39,464	10	24,507	10	9,428	10		10		10		10		10	
1/4	68,262	1/4	53,642	1/4	39,162	1/4	24,192	1/4	9,113	1/4		1/4		1/4		1/4		1/4	
1/2	67,948	1/2	53,339	1/2	38,860	1/2	23,878	1/2	8,799	1/2		1/2		1/2		1/2		1/2	
3/4	67,633	3/4	53,037	3/4	38,558	3/4	23,564	3/4	8,485	3/4		3/4		3/4		3/4		3/4	
11	67,319	11	52,734	11	38,256	11	23,250	11	8,171	11		11		11		11		11	
1/4	67,005	1/4	52,432	1/4	37,954	1/4	22,936	1/4	7,857	1/4		1/4		1/4		1/4		1/4	
1/2	66,691	1/2	52,130	1/2	37,651	1/2	22,622	1/2	7,543	1/2		1/2		1/2		1/2		1/2	
3/4	66,377	3/4	51,827	3/4	37,349	3/4	22,308	3/4	7,229	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 ULLAGE 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		0		0	202,756	0	187,737	0	172,699	0	157,629	0	142,559	0	127,489	0	112,418	0	97,342
1/4		1/4		1/4	202,443	1/4	187,424	1/4	172,385	1/4	157,315	1/4	142,245	1/4	127,175	1/4	112,105	1/4	97,028
1/2		1/2		1/2	202,130	1/2	187,111	1/2	172,071	1/2	157,001	1/2	141,931	1/2	126,861	1/2	111,791	1/2	96,714
3/4		3/4		3/4	201,817	3/4	186,798	3/4	171,757	3/4	156,687	3/4	141,617	3/4	126,547	3/4	111,477	3/4	96,399
1		1		1	201,504	1	186,485	1	171,443	1	156,373	1	141,303	1	126,233	1	111,163	1	96,085
1/4		1/4		1/4	201,191	1/4	186,172	1/4	171,129	1/4	156,059	1/4	140,989	1/4	125,919	1/4	110,849	1/4	95,771
1/2		1/2		1/2	200,878	1/2	185,859	1/2	170,815	1/2	155,745	1/2	140,675	1/2	125,605	1/2	110,535	1/2	95,457
3/4		3/4		3/4	200,565	3/4	185,547	3/4	170,501	3/4	155,431	3/4	140,361	3/4	125,291	3/4	110,221	3/4	95,143
2		2	214,182	2	200,253	2	185,234	2	170,187	2	155,117	2	140,047	2	124,977	2	109,906	2	94,829
1/4		1/4	214,003	1/4	199,940	1/4	184,921	1/4	169,873	1/4	154,803	1/4	139,733	1/4	124,663	1/4	109,592	1/4	94,515
1/2		1/2	213,824	1/2	199,627	1/2	184,608	1/2	169,559	1/2	154,489	1/2	139,419	1/2	124,349	1/2	109,278	1/2	94,201
3/4		3/4	213,645	3/4	199,314	3/4	184,295	3/4	169,245	3/4	154,175	3/4	139,105	3/4	124,035	3/4	108,964	3/4	93,887
3		3	213,466	3	199,001	3	183,982	3	168,931	3	153,861	3	138,791	3	123,721	3	108,650	3	93,572
1/4		1/4	213,234	1/4	198,688	1/4	183,669	1/4	168,617	1/4	153,547	1/4	138,477	1/4	123,407	1/4	108,336	1/4	93,258
1/2		1/2	213,003	1/2	198,375	1/2	183,356	1/2	168,303	1/2	153,233	1/2	138,163	1/2	123,093	1/2	108,022	1/2	92,944
3/4		3/4	212,771	3/4	198,062	3/4	183,043	3/4	167,989	3/4	152,919	3/4	137,849	3/4	122,779	3/4	107,708	3/4	92,630
4		4	212,540	4	197,749	4	182,731	4	167,675	4	152,605	4	137,535	4	122,465	4	107,394	4	92,316
1/4		1/4	212,260	1/4	197,437	1/4	182,418	1/4	167,361	1/4	152,291	1/4	137,221	1/4	122,151	1/4	107,079	1/4	92,002
1/2		1/2	211,980	1/2	197,124	1/2	182,105	1/2	167,047	1/2	151,977	1/2	136,907	1/2	121,837	1/2	106,765	1/2	91,688
3/4		3/4	211,700	3/4	196,811	3/4	181,792	3/4	166,733	3/4	151,663	3/4	136,593	3/4	121,523	3/4	106,451	3/4	91,374
5		5	211,420	5	196,498	5	181,479	5	166,420	5	151,349	5	136,279	5	121,209	5	106,137	5	91,059
1/4		1/4	211,114	1/4	196,185	1/4	181,166	1/4	166,106	1/4	151,036	1/4	135,965	1/4	120,895	1/4	105,823	1/4	90,745
1/2		1/2	210,808	1/2	195,872	1/2	180,853	1/2	165,792	1/2	150,722	1/2	135,651	1/2	120,581	1/2	105,509	1/2	90,431
3/4		3/4	210,503	3/4	195,559	3/4	180,540	3/4	165,478	3/4	150,408	3/4	135,338	3/4	120,267	3/4	105,195	3/4	90,117
6		6	210,197	6	195,246	6	180,227	6	165,164	6	150,094	6	135,024	6	119,954	6	104,881	6	89,803
1/4		1/4	209,887	1/4	194,933	1/4	179,914	1/4	164,850	1/4	149,780	1/4	134,710	1/4	119,640	1/4	104,567	1/4	89,489
1/2		1/2	209,578	1/2	194,620	1/2	179,602	1/2	164,536	1/2	149,466	1/2	134,396	1/2	119,326	1/2	104,252	1/2	89,175
3/4		3/4	209,269	3/4	194,308	3/4	179,289	3/4	164,222	3/4	149,152	3/4	134,082	3/4	119,012	3/4	103,938	3/4	88,861
7		7	208,959	7	193,995	7	178,976	7	163,908	7	148,838	7	133,768	7	118,698	7	103,624	7	88,547
1/4		1/4	208,649	1/4	193,682	1/4	178,662	1/4	163,594	1/4	148,524	1/4	133,454	1/4	118,384	1/4	103,310	1/4	88,232
1/2		1/2	208,339	1/2	193,369	1/2	178,349	1/2	163,280	1/2	148,210	1/2	133,140	1/2	118,070	1/2	102,996	1/2	87,918
3/4		3/4	208,029	3/4	193,056	3/4	178,036	3/4	162,966	3/4	147,896	3/4	132,826	3/4	117,756	3/4	102,682	3/4	87,604
8		8	207,720	8	192,743	8	177,722	8	162,652	8	147,582	8	132,512	8	117,442	8	102,368	8	87,290
1/4		1/4	207,410	1/4	192,430	1/4	177,408	1/4	162,338	1/4	147,268	1/4	132,198	1/4	117,128	1/4	102,054	1/4	86,976
1/2		1/2	207,100	1/2	192,117	1/2	177,094	1/2	162,024	1/2	146,954	1/2	131,884	1/2	116,814	1/2	101,739	1/2	86,662
3/4		3/4	206,790	3/4	191,804	3/4	176,780	3/4	161,710	3/4	146,640	3/4	131,570	3/4	116,500	3/4	101,425	3/4	86,348
9		9	206,480	9	191,492	9	176,466	9	161,396	9	146,326	9	131,256	9	116,186	9	101,111	9	86,034
1/4		1/4	206,170	1/4	191,179	1/4	176,152	1/4	161,082	1/4	146,012	1/4	130,942	1/4	115,872	1/4	100,797	1/4	85,719
1/2		1/2	205,860	1/2	190,866	1/2	175,838	1/2	160,768	1/2	145,698	1/2	130,628	1/2	115,558	1/2	100,483	1/2	85,405
3/4		3/4	205,550	3/4	190,553	3/4	175,524	3/4	160,454	3/4	145,384	3/4	130,314	3/4	115,244	3/4	100,169	3/4	85,091
10		10	205,240	10	190,240	10	175,210	10	160,140	10	145,070	10	130,000	10	114,930	10	99,855	10	84,777
1/4		1/4	204,931	1/4	189,927	1/4	174,896	1/4	159,826	1/4	144,756	1/4	129,686	1/4	114,616	1/4	99,541	1/4	84,463
1/2		1/2	204,621	1/2	189,614	1/2	174,582	1/2	159,512	1/2	144,442	1/2	129,372	1/2	114,302	1/2	99,227	1/2	84,149
3/4		3/4	204,311	3/4	189,301	3/4	174,269	3/4	159,198	3/4	144,128	3/4	129,058	3/4	113,988	3/4	98,912	3/4	83,835
11		11	204,001	11	188,988	11	173,955	11	158,885	11	143,814	11	128,744	11	113,674	11	98,598	11	83,521
1/4		1/4	203,690	1/4	188,675	1/4	173,641	1/4	158,571	1/4	143,500	1/4	128,430	1/4	113,360	1/4	98,284	1/4	83,207
1/2		1/2	203,378	1/2	188,363	1/2	173,327	1/2	158,257	1/2	143,187	1/2	128,116	1/2	113,046	1/2	97,970	1/2	82,892
3/4		3/4	203,067	3/4	188,050	3/4	173,013	3/4	157,943	3/4	142,873	3/4	127,803	3/4	112,732	3/4	97,656	3/4	82,578

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 ULLAGE 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 STBD ULLAGE 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	82,264	0	67,187	0	52,109	0	37,067	0	21,991	0	6,914	0		0		0		0	
1/4	81,950	1/4	66,872	1/4	51,795	1/4	36,753	1/4	21,677	1/4	6,600	1/4		1/4		1/4		1/4	
1/2	81,636	1/2	66,558	1/2	51,481	1/2	36,439	1/2	21,363	1/2	6,286	1/2		1/2		1/2		1/2	
3/4	81,322	3/4	66,244	3/4	51,168	3/4	36,124	3/4	21,049	3/4	5,972	3/4		3/4		3/4		3/4	
1	81,008	1	65,930	1	50,854	1	35,810	1	20,735	1	5,658	1		1		1		1	
1/4	80,694	1/4	65,616	1/4	50,540	1/4	35,496	1/4	20,421	1/4	5,344	1/4		1/4		1/4		1/4	
1/2	80,379	1/2	65,302	1/2	50,227	1/2	35,182	1/2	20,107	1/2	5,030	1/2		1/2		1/2		1/2	
3/4	80,065	3/4	64,988	3/4	49,914	3/4	34,868	3/4	19,793	3/4	4,716	3/4		3/4		3/4		3/4	
2	79,751	2	64,674	2	49,600	2	34,554	2	19,479	2	4,402	2		2		2		2	
1/4	79,437	1/4	64,360	1/4	49,287	1/4	34,240	1/4	19,164	1/4	4,089	1/4		1/4		1/4		1/4	
1/2	79,123	1/2	64,045	1/2	48,974	1/2	33,926	1/2	18,850	1/2	3,776	1/2		1/2		1/2		1/2	
3/4	78,809	3/4	63,731	3/4	48,660	3/4	33,611	3/4	18,536	3/4	3,463	3/4		3/4		3/4		3/4	
3	78,495	3	63,417	3	48,347	3	33,297	3	18,222	3	3,150	3		3		3		3	
1/4	78,181	1/4	63,103	1/4	48,034	1/4	32,983	1/4	17,908	1/4	2,836	1/4		1/4		1/4		1/4	
1/2	77,867	1/2	62,789	1/2	47,721	1/2	32,669	1/2	17,594	1/2	2,522	1/2		1/2		1/2		1/2	
3/4	77,552	3/4	62,475	3/4	47,408	3/4	32,355	3/4	17,280	3/4	2,208	3/4		3/4		3/4		3/4	
4	77,238	4	62,161	4	47,094	4	32,041	4	16,966	4	1,895	4		4		4		4	
1/4	76,924	1/4	61,847	1/4	46,781	1/4	31,727	1/4	16,651	1/4	1,739	1/4		1/4		1/4		1/4	
1/2	76,610	1/2	61,532	1/2	46,468	1/2	31,413	1/2	16,337	1/2	1,504	1/2		1/2		1/2		1/2	
3/4	76,296	3/4	61,218	3/4	46,155	3/4	31,099	3/4	16,023	3/4	1,268	3/4		3/4		3/4		3/4	
5	75,982	5	60,904	5	45,842	5	30,784	5	15,709	5	1,033	5		5		5		5	
1/4	75,668	1/4	60,590	1/4	45,528	1/4	30,470	1/4	15,395	1/4		1/4		1/4		1/4		1/4	
1/2	75,354	1/2	60,276	1/2	45,215	1/2	30,156	1/2	15,081	1/2		1/2		1/2		1/2		1/2	
3/4	75,039	3/4	59,962	3/4	44,902	3/4	29,842	3/4	14,767	3/4		3/4		3/4		3/4		3/4	
6	74,725	6	59,648	6	44,589	6	29,528	6	14,453	6		6		6		6		6	
1/4	74,411	1/4	59,334	1/4	44,276	1/4	29,214	1/4	14,139	1/4		1/4		1/4		1/4		1/4	
1/2	74,097	1/2	59,020	1/2	43,962	1/2	28,900	1/2	13,824	1/2		1/2		1/2		1/2		1/2	
3/4	73,783	3/4	58,705	3/4	43,649	3/4	28,587	3/4	13,510	3/4		3/4		3/4		3/4		3/4	
7	73,469	7	58,391	7	43,336	7	28,273	7	13,196	7		7		7		7		7	
1/4	73,155	1/4	58,077	1/4	43,023	1/4	27,959	1/4	12,882	1/4		1/4		1/4		1/4		1/4	
1/2	72,841	1/2	57,763	1/2	42,710	1/2	27,645	1/2	12,568	1/2		1/2		1/2		1/2		1/2	
3/4	72,527	3/4	57,449	3/4	42,397	3/4	27,331	3/4	12,254	3/4		3/4		3/4		3/4		3/4	
8	72,212	8	57,135	8	42,083	8	27,017	8	11,940	8		8		8		8		8	
1/4	71,898	1/4	56,821	1/4	41,770	1/4	26,703	1/4	11,626	1/4		1/4		1/4		1/4		1/4	
1/2	71,584	1/2	56,507	1/2	41,457	1/2	26,389	1/2	11,312	1/2		1/2		1/2		1/2		1/2	
3/4	71,270	3/4	56,192	3/4	41,144	3/4	26,075	3/4	10,997	3/4		3/4		3/4		3/4		3/4	
9	70,956	9	55,878	9	40,831	9	25,761	9	10,683	9		9		9		9		9	
1/4	70,642	1/4	55,564	1/4	40,517	1/4	25,447	1/4	10,369	1/4		1/4		1/4		1/4		1/4	
1/2	70,328	1/2	55,250	1/2	40,204	1/2	25,133	1/2	10,055	1/2		1/2		1/2		1/2		1/2	
3/4	70,014	3/4	54,936	3/4	39,891	3/4	24,819	3/4	9,741	3/4		3/4		3/4		3/4		3/4	
10	69,700	10	54,622	10	39,578	10	24,504	10	9,427	10		10		10		10		10	
1/4	69,385	1/4	54,308	1/4	39,264	1/4	24,190	1/4	9,113	1/4		1/4		1/4		1/4		1/4	
1/2	69,071	1/2	53,994	1/2	38,951	1/2	23,876	1/2	8,799	1/2		1/2		1/2		1/2		1/2	
3/4	68,757	3/4	53,680	3/4	38,637	3/4	23,562	3/4	8,484	3/4		3/4		3/4		3/4		3/4	
11	68,443	11	53,365	11	38,323	11	23,248	11	8,170	11		11		11		11		11	
1/4	68,129	1/4	53,051	1/4	38,009	1/4	22,934	1/4	7,856	1/4		1/4		1/4		1/4		1/4	
1/2	67,815	1/2	52,737	1/2	37,695	1/2	22,620	1/2	7,542	1/2		1/2		1/2		1/2		1/2	
3/4	67,501	3/4	52,423	3/4	37,381	3/4	22,306	3/4	7,228	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 ULLAGE 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		0		0	184,028	0	173,699	0	163,356	0	152,991	0	140,928	0	125,967	0	111,006	0	96,031
1/4		1/4		1/4	183,813	1/4	173,484	1/4	163,140	1/4	152,775	1/4	140,616	1/4	125,655	1/4	110,694	1/4	95,719
1/2		1/2		1/2	183,597	1/2	173,268	1/2	162,924	1/2	152,559	1/2	140,305	1/2	125,344	1/2	110,382	1/2	95,407
3/4		3/4		3/4	183,382	3/4	173,053	3/4	162,708	3/4	152,343	3/4	139,993	3/4	125,032	3/4	110,071	3/4	95,096
1		1		1	183,167	1	172,838	1	162,492	1	152,127	1	139,681	1	124,720	1	109,759	1	94,784
1/4		1/4		1/4	182,952	1/4	172,623	1/4	162,277	1/4	151,911	1/4	139,370	1/4	124,409	1/4	109,447	1/4	94,472
1/2		1/2		1/2	182,737	1/2	172,408	1/2	162,061	1/2	151,695	1/2	139,058	1/2	124,097	1/2	109,136	1/2	94,160
3/4		3/4		3/4	182,521	3/4	172,193	3/4	161,845	3/4	151,479	3/4	138,746	3/4	123,785	3/4	108,824	3/4	93,848
2		2		2	191,943	2	182,306	2	171,977	2	161,629	2	151,263	2	138,435	2	123,473	2	93,536
1/4		1/4		1/4	191,820	1/4	182,091	1/4	171,762	1/4	161,413	1/4	151,047	1/4	138,123	1/4	123,162	1/4	93,224
1/2		1/2		1/2	191,696	1/2	181,876	1/2	171,547	1/2	161,197	1/2	150,831	1/2	137,811	1/2	122,850	1/2	92,913
3/4		3/4		3/4	191,573	3/4	181,661	3/4	171,332	3/4	160,981	3/4	150,615	3/4	137,500	3/4	122,538	3/4	92,601
3		3		3	191,449	3	181,446	3	171,117	3	160,765	3	150,400	3	137,188	3	122,227	3	92,289
1/4		1/4		1/4	191,289	1/4	181,230	1/4	170,901	1/4	160,549	1/4	150,184	1/4	136,876	1/4	121,915	1/4	91,977
1/2		1/2		1/2	191,130	1/2	181,015	1/2	170,686	1/2	160,333	1/2	149,968	1/2	136,565	1/2	121,603	1/2	91,665
3/4		3/4		3/4	190,970	3/4	180,800	3/4	170,471	3/4	160,117	3/4	149,752	3/4	136,253	3/4	121,292	3/4	91,353
4		4		4	190,811	4	180,585	4	170,256	4	159,901	4	149,536	4	135,941	4	120,980	4	91,042
1/4		1/4		1/4	190,618	1/4	180,370	1/4	170,041	1/4	159,685	1/4	149,316	1/4	135,629	1/4	120,668	1/4	90,730
1/2		1/2		1/2	190,425	1/2	180,154	1/2	169,826	1/2	159,469	1/2	149,097	1/2	135,318	1/2	120,357	1/2	90,418
3/4		3/4		3/4	190,232	3/4	179,939	3/4	169,610	3/4	159,253	3/4	148,877	3/4	135,006	3/4	120,045	3/4	90,106
5		5		5	190,038	5	179,724	5	169,395	5	159,037	5	148,658	5	134,694	5	119,733	5	89,794
1/4		1/4		1/4	189,827	1/4	179,509	1/4	169,180	1/4	158,821	1/4	148,427	1/4	134,383	1/4	119,422	1/4	89,482
1/2		1/2		1/2	189,615	1/2	179,294	1/2	168,965	1/2	158,605	1/2	148,196	1/2	134,071	1/2	119,110	1/2	89,170
3/4		3/4		3/4	189,404	3/4	179,079	3/4	168,750	3/4	158,390	3/4	147,965	3/4	133,759	3/4	118,798	3/4	88,859
6		6		6	189,192	6	178,863	6	168,534	6	158,174	6	147,734	6	133,448	6	118,486	6	88,547
1/4		1/4		1/4	188,977	1/4	178,648	1/4	168,319	1/4	157,958	1/4	147,487	1/4	133,136	1/4	118,175	1/4	88,235
1/2		1/2		1/2	188,762	1/2	178,433	1/2	168,104	1/2	157,742	1/2	147,239	1/2	132,824	1/2	117,863	1/2	87,923
3/4		3/4		3/4	188,547	3/4	178,218	3/4	167,889	3/4	157,526	3/4	146,992	3/4	132,513	3/4	117,551	3/4	87,611
7		7		7	188,332	7	178,003	7	167,674	7	157,310	7	146,745	7	132,201	7	117,240	7	87,299
1/4		1/4		1/4	188,117	1/4	177,787	1/4	167,458	1/4	157,094	1/4	146,482	1/4	131,889	1/4	116,928	1/4	86,986
1/2		1/2		1/2	187,902	1/2	177,572	1/2	167,243	1/2	156,878	1/2	146,219	1/2	131,577	1/2	116,616	1/2	86,674
3/4		3/4		3/4	187,687	3/4	177,357	3/4	167,027	3/4	156,662	3/4	145,957	3/4	131,266	3/4	116,305	3/4	86,362
8		8		8	187,471	8	177,142	8	166,811	8	156,446	8	145,694	8	130,954	8	115,993	8	86,050
1/4		1/4		1/4	187,256	1/4	176,927	1/4	166,595	1/4	156,230	1/4	145,415	1/4	130,642	1/4	115,681	1/4	85,738
1/2		1/2		1/2	187,041	1/2	176,711	1/2	166,380	1/2	156,014	1/2	145,137	1/2	130,331	1/2	115,370	1/2	85,426
3/4		3/4		3/4	186,826	3/4	176,496	3/4	166,164	3/4	155,798	3/4	144,858	3/4	130,019	3/4	115,058	3/4	85,113
9		9		9	186,610	9	176,281	9	165,948	9	155,582	9	144,580	9	129,707	9	114,746	9	84,801
1/4		1/4		1/4	186,395	1/4	176,066	1/4	165,732	1/4	155,366	1/4	144,285	1/4	129,396	1/4	114,434	1/4	84,489
1/2		1/2		1/2	186,180	1/2	175,851	1/2	165,516	1/2	155,150	1/2	143,991	1/2	129,084	1/2	114,123	1/2	84,177
3/4		3/4		3/4	185,965	3/4	175,636	3/4	165,300	3/4	154,934	3/4	143,696	3/4	128,772	3/4	113,811	3/4	83,865
10		10		10	185,749	10	175,420	10	165,084	10	154,718	10	143,401	10	128,461	10	113,499	10	83,553
1/4		1/4		1/4	185,534	1/4	175,205	1/4	164,868	1/4	154,502	1/4	143,094	1/4	128,149	1/4	113,188	1/4	83,240
1/2		1/2		1/2	185,319	1/2	174,990	1/2	164,652	1/2	154,287	1/2	142,787	1/2	127,837	1/2	112,876	1/2	82,928
3/4		3/4		3/4	185,104	3/4	174,775	3/4	164,436	3/4	154,071	3/4	142,480	3/4	127,525	3/4	112,564	3/4	82,616
11		11		11	184,889	11	174,560	11	164,220	11	153,855	11	142,173	11	127,214	11	112,253	11	82,304
1/4		1/4		1/4	184,673	1/4	174,344	1/4	164,004	1/4	153,639	1/4	141,862	1/4	126,902	1/4	111,941	1/4	81,992
1/2		1/2		1/2	184,458	1/2	174,129	1/2	163,788	1/2	153,423	1/2	141,551	1/2	126,590	1/2	111,629	1/2	81,680
3/4		3/4		3/4	184,243	3/4	173,914	3/4	163,572	3/4	153,207	3/4	141,239	3/4	126,279	3/4	111,318	3/4	81,367

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 ULLAGE 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 ULLAGE 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	81,055	0	66,146	0	51,414	0	36,841	0	21,874	0	6,882	0		0		0		0	
1/4	80,743	1/4	65,835	1/4	51,112	1/4	36,533	1/4	21,562	1/4	6,569	1/4		1/4		1/4		1/4	
1/2	80,431	1/2	65,525	1/2	50,809	1/2	36,224	1/2	21,250	1/2	6,257	1/2		1/2		1/2		1/2	
3/4	80,119	3/4	65,215	3/4	50,507	3/4	35,916	3/4	20,938	3/4	5,944	3/4		3/4		3/4		3/4	
1	79,807	1	64,905	1	50,205	1	35,608	1	20,625	1	5,632	1		1		1		1	
1/4	79,494	1/4	64,595	1/4	49,902	1/4	35,297	1/4	20,313	1/4	5,320	1/4		1/4		1/4		1/4	
1/2	79,182	1/2	64,284	1/2	49,600	1/2	34,985	1/2	20,001	1/2	5,007	1/2		1/2		1/2		1/2	
3/4	78,870	3/4	63,974	3/4	49,298	3/4	34,673	3/4	19,689	3/4	4,695	3/4		3/4		3/4		3/4	
2	78,558	2	63,664	2	48,995	2	34,361	2	19,376	2	4,382	2		2		2		2	
1/4	78,247	1/4	63,353	1/4	48,693	1/4	34,049	1/4	19,064	1/4	4,071	1/4		1/4		1/4		1/4	
1/2	77,935	1/2	63,042	1/2	48,390	1/2	33,737	1/2	18,752	1/2	3,759	1/2		1/2		1/2		1/2	
3/4	77,624	3/4	62,731	3/4	48,088	3/4	33,425	3/4	18,440	3/4	3,447	3/4		3/4		3/4		3/4	
3	77,313	3	62,420	3	47,786	3	33,113	3	18,127	3	3,135	3		3		3		3	
1/4	77,003	1/4	62,108	1/4	47,484	1/4	32,800	1/4	17,815	1/4	2,843	1/4		1/4		1/4		1/4	
1/2	76,693	1/2	61,796	1/2	47,182	1/2	32,488	1/2	17,503	1/2	2,551	1/2		1/2		1/2		1/2	
3/4	76,382	3/4	61,484	3/4	46,880	3/4	32,176	3/4	17,191	3/4	2,258	3/4		3/4		3/4		3/4	
4	76,072	4	61,172	4	46,578	4	31,864	4	16,878	4	1,966	4		4		4		4	
1/4	75,762	1/4	60,861	1/4	46,276	1/4	31,551	1/4	16,566	1/4	1,731	1/4		1/4		1/4		1/4	
1/2	75,452	1/2	60,549	1/2	45,975	1/2	31,239	1/2	16,254	1/2	1,497	1/2		1/2		1/2		1/2	
3/4	75,142	3/4	60,237	3/4	45,673	3/4	30,927	3/4	15,942	3/4	1,262	3/4		3/4		3/4		3/4	
5	74,831	5	59,925	5	45,371	5	30,615	5	15,630	5	1,028	5		5		5		5	
1/4	74,521	1/4	59,616	1/4	45,068	1/4	30,303	1/4	15,317	1/4		1/4		1/4		1/4		1/4	
1/2	74,211	1/2	59,308	1/2	44,765	1/2	29,990	1/2	15,005	1/2		1/2		1/2		1/2		1/2	
3/4	73,901	3/4	58,999	3/4	44,462	3/4	29,678	3/4	14,693	3/4		3/4		3/4		3/4		3/4	
6	73,591	6	58,690	6	44,158	6	29,366	6	14,381	6		6		6		6		6	
1/4	73,280	1/4	58,385	1/4	43,853	1/4	29,054	1/4	14,068	1/4		1/4		1/4		1/4		1/4	
1/2	72,970	1/2	58,079	1/2	43,549	1/2	28,742	1/2	13,756	1/2		1/2		1/2		1/2		1/2	
3/4	72,660	3/4	57,773	3/4	43,244	3/4	28,430	3/4	13,444	3/4		3/4		3/4		3/4		3/4	
7	72,350	7	57,468	7	42,939	7	28,118	7	13,132	7		7		7		7		7	
1/4	72,040	1/4	57,164	1/4	42,634	1/4	27,806	1/4	12,819	1/4		1/4		1/4		1/4		1/4	
1/2	71,729	1/2	56,860	1/2	42,329	1/2	27,494	1/2	12,507	1/2		1/2		1/2		1/2		1/2	
3/4	71,419	3/4	56,556	3/4	42,024	3/4	27,182	3/4	12,195	3/4		3/4		3/4		3/4		3/4	
8	71,109	8	56,252	8	41,719	8	26,870	8	11,883	8		8		8		8		8	
1/4	70,799	1/4	55,950	1/4	41,414	1/4	26,558	1/4	11,570	1/4		1/4		1/4		1/4		1/4	
1/2	70,489	1/2	55,647	1/2	41,109	1/2	26,245	1/2	11,258	1/2		1/2		1/2		1/2		1/2	
3/4	70,178	3/4	55,345	3/4	40,804	3/4	25,933	3/4	10,945	3/4		3/4		3/4		3/4		3/4	
9	69,868	9	55,043	9	40,500	9	25,621	9	10,633	9		9		9		9		9	
1/4	69,558	1/4	54,740	1/4	40,195	1/4	25,309	1/4	10,320	1/4		1/4		1/4		1/4		1/4	
1/2	69,248	1/2	54,438	1/2	39,890	1/2	24,997	1/2	10,007	1/2		1/2		1/2		1/2		1/2	
3/4	68,938	3/4	54,135	3/4	39,585	3/4	24,684	3/4	9,695	3/4		3/4		3/4		3/4		3/4	
10	68,627	10	53,833	10	39,280	10	24,372	10	9,382	10		10		10		10		10	
1/4	68,317	1/4	53,531	1/4	38,975	1/4	24,060	1/4	9,069	1/4		1/4		1/4		1/4		1/4	
1/2	68,007	1/2	53,228	1/2	38,670	1/2	23,748	1/2	8,757	1/2		1/2		1/2		1/2		1/2	
3/4	67,697	3/4	52,926	3/4	38,365	3/4	23,435	3/4	8,444	3/4		3/4		3/4		3/4		3/4	
11	67,386	11	52,624	11	38,060	11	23,123	11	8,131	11		11		11		11		11	
1/4	67,076	1/4	52,321	1/4	37,755	1/4	22,811	1/4	7,819	1/4		1/4		1/4		1/4		1/4	
1/2	66,766	1/2	52,019	1/2	37,450	1/2	22,499	1/2	7,507	1/2		1/2		1/2		1/2		1/2	
3/4	66,456	3/4	51,716	3/4	37,146	3/4	22,186	3/4	7,194	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

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020



BARGE "HSM 3042"

3 STBD ULLAGE 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		0		0	185,165	0	174,830	0	164,482	0	154,111	0	142,028	0	127,025	0	112,023	0	97,005
1/4		1/4		1/4	184,950	1/4	174,615	1/4	164,266	1/4	153,894	1/4	141,715	1/4	126,713	1/4	111,710	1/4	96,692
1/2		1/2		1/2	184,735	1/2	174,400	1/2	164,050	1/2	153,678	1/2	141,403	1/2	126,400	1/2	111,398	1/2	96,379
3/4		3/4		3/4	184,519	3/4	174,184	3/4	163,834	3/4	153,462	3/4	141,090	3/4	126,088	3/4	111,085	3/4	96,066
1		1		1	184,304	1	173,969	1	163,618	1	153,246	1	140,778	1	125,775	1	110,772	1	95,753
1/4		1/4		1/4	184,089	1/4	173,754	1/4	163,401	1/4	153,030	1/4	140,465	1/4	125,462	1/4	110,460	1/4	95,440
1/2		1/2		1/2	183,873	1/2	173,538	1/2	163,185	1/2	152,814	1/2	140,152	1/2	125,150	1/2	110,147	1/2	95,127
3/4		3/4		3/4	183,658	3/4	173,323	3/4	162,969	3/4	152,598	3/4	139,840	3/4	124,837	3/4	109,835	3/4	94,814
2		2		2	193,085	2	183,443	2	173,108	2	162,753	2	152,382	2	139,527	2	124,525	2	94,501
1/4		1/4		1/4	192,962	1/4	183,227	1/4	172,893	1/4	162,537	1/4	139,215	1/4	124,212	1/4	109,209	1/4	94,188
1/2		1/2		1/2	192,838	1/2	183,012	1/2	172,677	1/2	162,321	1/2	138,902	1/2	123,900	1/2	108,897	1/2	93,875
3/4		3/4		3/4	192,714	3/4	182,797	3/4	172,462	3/4	162,105	3/4	138,590	3/4	123,587	3/4	108,584	3/4	93,562
3		3		3	192,591	3	182,581	3	172,247	3	161,889	3	138,277	3	123,275	3	108,271	3	93,249
1/4		1/4		1/4	192,431	1/4	182,366	1/4	172,031	1/4	161,673	1/4	137,965	1/4	122,962	1/4	107,959	1/4	92,936
1/2		1/2		1/2	192,271	1/2	182,151	1/2	171,816	1/2	161,457	1/2	137,652	1/2	122,650	1/2	107,646	1/2	92,623
3/4		3/4		3/4	192,111	3/4	181,936	3/4	171,601	3/4	161,241	3/4	137,340	3/4	122,337	3/4	107,333	3/4	92,311
4		4		4	191,952	4	181,720	4	171,385	4	161,025	4	137,027	4	122,024	4	107,020	4	91,998
1/4		1/4		1/4	191,759	1/4	181,505	1/4	171,170	1/4	160,809	1/4	136,714	1/4	121,712	1/4	106,707	1/4	91,685
1/2		1/2		1/2	191,566	1/2	181,290	1/2	170,955	1/2	160,593	1/2	136,402	1/2	121,399	1/2	106,394	1/2	91,372
3/4		3/4		3/4	191,372	3/4	181,074	3/4	170,739	3/4	160,377	3/4	136,089	3/4	121,087	3/4	106,081	3/4	91,059
5		5		5	191,179	5	180,859	5	170,524	5	160,160	5	135,775	5	120,774	5	105,768	5	90,746
1/4		1/4		1/4	190,968	1/4	180,644	1/4	170,309	1/4	159,944	1/4	135,464	1/4	120,462	1/4	105,455	1/4	90,433
1/2		1/2		1/2	190,756	1/2	180,428	1/2	170,094	1/2	159,728	1/2	135,152	1/2	120,149	1/2	105,142	1/2	90,120
3/4		3/4		3/4	190,544	3/4	180,213	3/4	169,878	3/4	159,512	3/4	134,839	3/4	119,837	3/4	104,829	3/4	89,807
6		6		6	190,332	6	179,998	6	169,663	6	159,296	6	134,527	6	119,524	6	104,516	6	89,494
1/4		1/4		1/4	190,117	1/4	179,782	1/4	169,448	1/4	159,080	1/4	134,214	1/4	119,211	1/4	104,203	1/4	89,181
1/2		1/2		1/2	189,902	1/2	179,567	1/2	169,232	1/2	158,864	1/2	133,901	1/2	118,899	1/2	103,890	1/2	88,868
3/4		3/4		3/4	189,687	3/4	179,352	3/4	169,017	3/4	158,648	3/4	133,589	3/4	118,586	3/4	103,577	3/4	88,555
7		7		7	189,472	7	179,137	7	168,802	7	158,432	7	147,860	7	133,276	7	118,274	7	88,242
1/4		1/4		1/4	189,257	1/4	178,921	1/4	168,586	1/4	158,216	1/4	147,597	1/4	132,964	1/4	117,961	1/4	87,929
1/2		1/2		1/2	189,041	1/2	178,706	1/2	168,370	1/2	158,000	1/2	147,334	1/2	132,651	1/2	117,649	1/2	87,616
3/4		3/4		3/4	188,826	3/4	178,491	3/4	168,155	3/4	157,784	3/4	147,070	3/4	132,339	3/4	117,336	3/4	87,303
8		8		8	188,611	8	178,275	8	167,939	8	157,568	8	146,807	8	132,026	8	117,024	8	86,990
1/4		1/4		1/4	188,395	1/4	178,060	1/4	167,723	1/4	157,352	1/4	146,528	1/4	131,714	1/4	116,711	1/4	86,677
1/2		1/2		1/2	188,180	1/2	177,845	1/2	167,507	1/2	157,135	1/2	146,248	1/2	131,401	1/2	116,398	1/2	86,364
3/4		3/4		3/4	187,964	3/4	177,629	3/4	167,291	3/4	156,919	3/4	145,969	3/4	131,088	3/4	116,086	3/4	86,051
9		9		9	187,749	9	177,414	9	167,075	9	156,703	9	145,690	9	130,776	9	115,773	9	85,738
1/4		1/4		1/4	187,534	1/4	177,199	1/4	166,859	1/4	156,487	1/4	145,394	1/4	130,463	1/4	115,461	1/4	85,425
1/2		1/2		1/2	187,318	1/2	176,983	1/2	166,643	1/2	156,271	1/2	145,099	1/2	130,151	1/2	115,148	1/2	85,112
3/4		3/4		3/4	187,103	3/4	176,768	3/4	166,426	3/4	156,055	3/4	144,803	3/4	129,838	3/4	114,836	3/4	84,799
10		10		10	186,888	10	176,553	10	166,210	10	155,839	10	144,508	10	129,526	10	114,523	10	84,486
1/4		1/4		1/4	186,672	1/4	176,337	1/4	165,994	1/4	155,623	1/4	144,200	1/4	129,213	1/4	114,211	1/4	84,173
1/2		1/2		1/2	186,457	1/2	176,122	1/2	165,778	1/2	155,407	1/2	143,892	1/2	128,901	1/2	113,898	1/2	83,860
3/4		3/4		3/4	186,242	3/4	175,907	3/4	165,562	3/4	155,191	3/4	143,584	3/4	128,588	3/4	113,585	3/4	83,547
11		11		11	186,026	11	175,692	11	165,346	11	154,975	11	143,277	11	128,275	11	113,273	11	83,234
1/4		1/4		1/4	185,811	1/4	175,476	1/4	165,130	1/4	154,759	1/4	142,964	1/4	127,963	1/4	112,960	1/4	82,921
1/2		1/2		1/2	185,596	1/2	175,261	1/2	164,914	1/2	154,543	1/2	142,652	1/2	127,650	1/2	112,648	1/2	82,608
3/4		3/4		3/4	185,380	3/4	175,046	3/4	164,698	3/4	154,327	3/4	142,340	3/4	127,338	3/4	112,335	3/4	82,295

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

3 STBD ULLAGE 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	81,982	0	66,960	0	51,937	0	36,930	0	21,911	0	6,888	0		0		0		0	
1/4	81,670	1/4	66,647	1/4	51,624	1/4	36,617	1/4	21,598	1/4	6,576	1/4		1/4		1/4		1/4	
1/2	81,357	1/2	66,334	1/2	51,311	1/2	36,305	1/2	21,285	1/2	6,263	1/2		1/2		1/2		1/2	
3/4	81,044	3/4	66,021	3/4	50,998	3/4	35,992	3/4	20,972	3/4	5,950	3/4		3/4		3/4		3/4	
1	80,731	1	65,708	1	50,685	1	35,680	1	20,659	1	5,637	1		1		1		1	
1/4	80,418	1/4	65,395	1/4	50,372	1/4	35,367	1/4	20,346	1/4	5,324	1/4		1/4		1/4		1/4	
1/2	80,105	1/2	65,082	1/2	50,060	1/2	35,054	1/2	20,033	1/2	5,011	1/2		1/2		1/2		1/2	
3/4	79,792	3/4	64,769	3/4	49,747	3/4	34,742	3/4	19,720	3/4	4,699	3/4		3/4		3/4		3/4	
2	79,479	2	64,456	2	49,434	2	34,429	2	19,407	2	4,386	2		2		2		2	
1/4	79,166	1/4	64,143	1/4	49,121	1/4	34,116	1/4	19,094	1/4	4,074	1/4		1/4		1/4		1/4	
1/2	78,853	1/2	63,830	1/2	48,808	1/2	33,803	1/2	18,781	1/2	3,762	1/2		1/2		1/2		1/2	
3/4	78,540	3/4	63,517	3/4	48,495	3/4	33,490	3/4	18,468	3/4	3,450	3/4		3/4		3/4		3/4	
3	78,227	3	63,204	3	48,182	3	33,177	3	18,155	3	3,138	3		3		3		3	
1/4	77,914	1/4	62,891	1/4	47,869	1/4	32,864	1/4	17,842	1/4	2,845	1/4		1/4		1/4		1/4	
1/2	77,601	1/2	62,578	1/2	47,556	1/2	32,551	1/2	17,529	1/2	2,553	1/2		1/2		1/2		1/2	
3/4	77,288	3/4	62,265	3/4	47,243	3/4	32,238	3/4	17,216	3/4	2,260	3/4		3/4		3/4		3/4	
4	76,975	4	61,952	4	46,930	4	31,925	4	16,903	4	1,967	4		4		4		4	
1/4	76,662	1/4	61,639	1/4	46,618	1/4	31,612	1/4	16,590	1/4	1,733	1/4		1/4		1/4		1/4	
1/2	76,349	1/2	61,326	1/2	46,305	1/2	31,299	1/2	16,277	1/2	1,498	1/2		1/2		1/2		1/2	
3/4	76,036	3/4	61,013	3/4	45,992	3/4	30,986	3/4	15,964	3/4	1,263	3/4		3/4		3/4		3/4	
5	75,723	5	60,700	5	45,680	5	30,673	5	15,651	5	1,029	5		5		5		5	
1/4	75,410	1/4	60,388	1/4	45,367	1/4	30,361	1/4	15,338	1/4		1/4		1/4		1/4		1/4	
1/2	75,097	1/2	60,075	1/2	45,054	1/2	30,048	1/2	15,025	1/2		1/2		1/2		1/2		1/2	
3/4	74,784	3/4	59,762	3/4	44,742	3/4	29,735	3/4	14,712	3/4		3/4		3/4		3/4		3/4	
6	74,471	6	59,449	6	44,429	6	29,422	6	14,400	6		6		6		6		6	
1/4	74,158	1/4	59,136	1/4	44,117	1/4	29,109	1/4	14,087	1/4		1/4		1/4		1/4		1/4	
1/2	73,845	1/2	58,823	1/2	43,804	1/2	28,796	1/2	13,774	1/2		1/2		1/2		1/2		1/2	
3/4	73,532	3/4	58,510	3/4	43,492	3/4	28,483	3/4	13,461	3/4		3/4		3/4		3/4		3/4	
7	73,219	7	58,197	7	43,179	7	28,170	7	13,148	7		7		7		7		7	
1/4	72,906	1/4	57,884	1/4	42,867	1/4	27,857	1/4	12,835	1/4		1/4		1/4		1/4		1/4	
1/2	72,593	1/2	57,571	1/2	42,554	1/2	27,544	1/2	12,522	1/2		1/2		1/2		1/2		1/2	
3/4	72,280	3/4	57,258	3/4	42,242	3/4	27,231	3/4	12,209	3/4		3/4		3/4		3/4		3/4	
8	71,967	8	56,945	8	41,929	8	26,918	8	11,896	8		8		8		8		8	
1/4	71,654	1/4	56,632	1/4	41,617	1/4	26,605	1/4	11,583	1/4		1/4		1/4		1/4		1/4	
1/2	71,341	1/2	56,319	1/2	41,304	1/2	26,292	1/2	11,270	1/2		1/2		1/2		1/2		1/2	
3/4	71,029	3/4	56,006	3/4	40,992	3/4	25,979	3/4	10,957	3/4		3/4		3/4		3/4		3/4	
9	70,716	9	55,693	9	40,679	9	25,666	9	10,644	9		9		9		9		9	
1/4	70,403	1/4	55,380	1/4	40,367	1/4	25,353	1/4	10,331	1/4		1/4		1/4		1/4		1/4	
1/2	70,090	1/2	55,067	1/2	40,055	1/2	25,040	1/2	10,018	1/2		1/2		1/2		1/2		1/2	
3/4	69,777	3/4	54,754	3/4	39,742	3/4	24,727	3/4	9,705	3/4		3/4		3/4		3/4		3/4	
10	69,464	10	54,441	10	39,430	10	24,414	10	9,392	10		10		10		10		10	
1/4	69,151	1/4	54,128	1/4	39,117	1/4	24,101	1/4	9,079	1/4		1/4		1/4		1/4		1/4	
1/2	68,838	1/2	53,815	1/2	38,805	1/2	23,788	1/2	8,766	1/2		1/2		1/2		1/2		1/2	
3/4	68,525	3/4	53,502	3/4	38,492	3/4	23,475	3/4	8,453	3/4		3/4		3/4		3/4		3/4	
11	68,212	11	53,189	11	38,180	11	23,162	11	8,140	11		11		11		11		11	
1/4	67,899	1/4	52,876	1/4	37,867	1/4	22,849	1/4	7,827	1/4		1/4		1/4		1/4		1/4	
1/2	67,586	1/2	52,563	1/2	37,555	1/2	22,536	1/2	7,514	1/2		1/2		1/2		1/2		1/2	
3/4	67,273	3/4	52,250	3/4	37,242	3/4	22,224	3/4	7,201	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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<http://www.pmacorp.net>



BARGE "HSM 3042"

PORT SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	4,209	0	3,054	0	1,901	0	746	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	4,185	1/4	3,030	1/4	1,877	1/4	722	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,161	1/2	3,006	1/2	1,853	1/2	698	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,137	3/4	2,982	3/4	1,829	3/4	674	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	4,113	1	2,958	1	1,804	1	650	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,089	1/4	2,934	1/4	1,780	1/4	626	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,065	1/2	2,910	1/2	1,756	1/2	602	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,140	3/4	4,041	3/4	2,886	3/4	1,732	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	4,017	2	2,862	2	1,708	2	553	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	3,993	1/4	2,838	1/4	1,684	1/4	529	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,969	1/2	2,814	1/2	1,660	1/2	505	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,093	3/4	3,945	3/4	2,790	3/4	481	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	5,070	3	3,921	3	2,766	3	457	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	5,046	1/4	3,897	1/4	2,742	1/4	433	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	5,023	1/2	3,873	1/2	2,718	1/2	409	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,999	3/4	3,849	3/4	2,693	3/4	385	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4,975	4	3,824	4	2,669	4	361	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,952	1/4	3,800	1/4	2,645	1/4	337	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,928	1/2	3,776	1/2	2,621	1/2	313	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,904	3/4	3,752	3/4	2,597	3/4	289	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	4,881	5	3,728	5	2,573	5	265	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,857	1/4	3,704	1/4	2,550	1/4	241	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,833	1/2	3,680	1/2	2,526	1/2	217	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,810	3/4	3,656	3/4	2,502	3/4	192	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	4,786	6	3,632	6	2,478	6	168	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,762	1/4	3,608	1/4	2,454	1/4	144	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,739	1/2	3,584	1/2	2,430	1/2	120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,715	3/4	3,560	3/4	2,406	3/4	96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	4,691	7	3,536	7	2,382	7	1,227	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	4,667	1/4	3,512	1/4	2,358	1/4	1,203	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,643	1/2	3,488	1/2	2,334	1/2	1,179	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,619	3/4	3,464	3/4	2,310	3/4	1,155	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	4,594	8	3,439	8	2,286	8	1,131	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	4,570	1/4	3,415	1/4	2,262	1/4	1,107	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,546	1/2	3,391	1/2	2,238	1/2	1,083	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,522	3/4	3,367	3/4	2,214	3/4	1,059	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	4,498	9	3,343	9	2,189	9	1,035	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	4,474	1/4	3,319	1/4	2,165	1/4	1,011	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,450	1/2	3,295	1/2	2,141	1/2	987	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,426	3/4	3,271	3/4	2,117	3/4	962	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	4,402	10	3,247	10	2,093	10	938	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	4,378	1/4	3,223	1/4	2,069	1/4	914	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,354	1/2	3,199	1/2	2,045	1/2	890	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,330	3/4	3,175	3/4	2,021	3/4	866	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	4,306	11	3,151	11	1,997	11	842	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	4,282	1/4	3,127	1/4	1,973	1/4	818	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,258	1/2	3,103	1/2	1,949	1/2	794	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,234	3/4	3,078	3/4	1,925	3/4	770	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "HSM 3042"

STBD SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	4,209	0	3,054	0	1,901	0	746	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	4,185	1/4	3,030	1/4	1,877	1/4	722	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,161	1/2	3,006	1/2	1,853	1/2	698	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,137	3/4	2,982	3/4	1,829	3/4	674	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	4,113	1	2,958	1	1,804	1	650	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,089	1/4	2,934	1/4	1,780	1/4	626	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,065	1/2	2,910	1/2	1,756	1/2	602	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,140	3/4	4,041	3/4	2,886	3/4	1,732	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	4,017	2	2,862	2	1,708	2	553	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	3,993	1/4	2,838	1/4	1,684	1/4	529	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,969	1/2	2,814	1/2	1,660	1/2	505	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,093	3/4	3,945	3/4	2,790	3/4	481	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	5,070	3	3,921	3	2,766	3	457	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	5,046	1/4	3,897	1/4	2,742	1/4	433	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	5,023	1/2	3,873	1/2	2,718	1/2	409	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,999	3/4	3,849	3/4	2,693	3/4	385	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4,975	4	3,824	4	2,669	4	361	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,952	1/4	3,800	1/4	2,645	1/4	337	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,928	1/2	3,776	1/2	2,621	1/2	313	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,904	3/4	3,752	3/4	2,597	3/4	289	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	4,881	5	3,728	5	2,573	5	265	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,857	1/4	3,704	1/4	2,550	1/4	241	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,833	1/2	3,680	1/2	2,526	1/2	217	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,810	3/4	3,656	3/4	2,502	3/4	192	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	4,786	6	3,632	6	2,478	6	168	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,762	1/4	3,608	1/4	2,454	1/4	144	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,739	1/2	3,584	1/2	2,430	1/2	120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,715	3/4	3,560	3/4	2,406	3/4	96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	4,691	7	3,536	7	2,382	7	1,227	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	4,667	1/4	3,512	1/4	2,358	1/4	1,203	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,643	1/2	3,488	1/2	2,334	1/2	1,179	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,619	3/4	3,464	3/4	2,310	3/4	1,155	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	4,594	8	3,439	8	2,286	8	1,131	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	4,570	1/4	3,415	1/4	2,262	1/4	1,107	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,546	1/2	3,391	1/2	2,238	1/2	1,083	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,522	3/4	3,367	3/4	2,214	3/4	1,059	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	4,498	9	3,343	9	2,189	9	1,035	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	4,474	1/4	3,319	1/4	2,165	1/4	1,011	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,450	1/2	3,295	1/2	2,141	1/2	987	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,426	3/4	3,271	3/4	2,117	3/4	962	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	4,402	10	3,247	10	2,093	10	938	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	4,378	1/4	3,223	1/4	2,069	1/4	914	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,354	1/2	3,199	1/2	2,045	1/2	890	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,330	3/4	3,175	3/4	2,021	3/4	866	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	4,306	11	3,151	11	1,997	11	842	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	4,282	1/4	3,127	1/4	1,973	1/4	818	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,258	1/2	3,103	1/2	1,949	1/2	794	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,234	3/4	3,078	3/4	1,925	3/4	770	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2020

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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