



BARGE "HSM 3034"

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	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 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"

January 9, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3034"

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	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	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	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 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"

January 9, 2020

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BARGE "HSM 3034"

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	200,050	0	185,059	0	170,051	0	155,014	0	139,978	0	124,941	0	109,905	0	94,863		
1/4	1/4	1/4	199,739	1/4	184,747	1/4	169,737	1/4	154,701	1/4	139,665	1/4	124,628	1/4	109,592	1/4	94,549		
1/2	1/2	1/2	199,427	1/2	184,434	1/2	169,424	1/2	154,388	1/2	139,351	1/2	124,315	1/2	109,278	1/2	94,236		
3/4	3/4	3/4	199,114	3/4	184,122	3/4	169,111	3/4	154,075	3/4	139,038	3/4	124,002	3/4	108,965	3/4	93,923		
1	1	1	198,802	1	183,810	1	168,798	1	153,761	1	138,725	1	123,688	1	108,652	1	93,609		
1/4	1/4	1/4	198,490	1/4	183,497	1/4	168,484	1/4	153,448	1/4	138,412	1/4	123,375	1/4	108,339	1/4	93,296		
1/2	1/2	1/2	198,177	1/2	183,185	1/2	168,171	1/2	153,135	1/2	138,098	1/2	123,062	1/2	108,025	1/2	92,983		
3/4	3/4	3/4	197,865	3/4	182,872	3/4	167,858	3/4	152,821	3/4	137,785	3/4	122,749	3/4	107,712	3/4	92,669		
2	2	2	197,553	2	182,560	2	167,545	2	152,508	2	137,472	2	122,435	2	107,399	2	92,356		
1/4	1/4	1/4	211,181	1/4	197,240	1/4	182,248	1/4	167,231	1/4	152,195	1/4	137,159	1/4	122,122	1/4	107,085	1/4	92,042
1/2	1/2	1/2	211,001	1/2	196,928	1/2	181,935	1/2	166,918	1/2	151,882	1/2	136,845	1/2	121,809	1/2	106,772	1/2	91,729
3/4	3/4	3/4	210,822	3/4	196,616	3/4	181,623	3/4	166,605	3/4	151,568	3/4	136,532	3/4	121,496	3/4	106,459	3/4	91,416
3	3	3	210,642	3	196,303	3	181,311	3	166,292	3	151,255	3	136,219	3	121,182	3	106,145	3	91,102
1/4	1/4	1/4	210,462	1/4	195,991	1/4	180,998	1/4	165,978	1/4	150,942	1/4	135,905	1/4	120,869	1/4	105,832	1/4	90,789
1/2	1/2	1/2	210,230	1/2	195,679	1/2	180,686	1/2	165,665	1/2	150,629	1/2	135,592	1/2	120,556	1/2	105,518	1/2	90,475
3/4	3/4	3/4	209,998	3/4	195,366	3/4	180,374	3/4	165,352	3/4	150,315	3/4	135,279	3/4	120,242	3/4	105,205	3/4	90,162
4	4	4	209,766	4	195,054	4	180,061	4	165,039	4	150,002	4	134,966	4	119,929	4	104,892	4	89,849
1/4	1/4	1/4	209,534	1/4	194,742	1/4	179,749	1/4	164,725	1/4	149,689	1/4	134,652	1/4	119,616	1/4	104,578	1/4	89,535
1/2	1/2	1/2	209,254	1/2	194,429	1/2	179,437	1/2	164,412	1/2	149,376	1/2	134,339	1/2	119,303	1/2	104,265	1/2	89,222
3/4	3/4	3/4	208,973	3/4	194,117	3/4	179,124	3/4	164,099	3/4	149,062	3/4	134,026	3/4	118,989	3/4	103,951	3/4	88,908
5	5	5	208,693	5	193,805	5	178,812	5	163,786	5	148,749	5	133,713	5	118,676	5	103,638	5	88,595
1/4	1/4	1/4	208,412	1/4	193,492	1/4	178,500	1/4	163,472	1/4	148,436	1/4	133,399	1/4	118,363	1/4	103,325	1/4	88,282
1/2	1/2	1/2	208,106	1/2	193,180	1/2	178,187	1/2	163,159	1/2	148,123	1/2	133,086	1/2	118,050	1/2	103,011	1/2	87,968
3/4	3/4	3/4	207,800	3/4	192,868	3/4	177,875	3/4	162,846	3/4	147,809	3/4	132,773	3/4	117,736	3/4	102,698	3/4	87,655
6	6	6	207,494	6	192,555	6	177,563	6	162,533	6	147,496	6	132,460	6	117,423	6	102,384	6	87,341
1/4	1/4	1/4	207,188	1/4	192,243	1/4	177,250	1/4	162,219	1/4	147,183	1/4	132,146	1/4	117,110	1/4	102,071	1/4	87,028
1/2	1/2	1/2	206,878	1/2	191,930	1/2	176,938	1/2	161,906	1/2	146,870	1/2	131,833	1/2	116,797	1/2	101,758	1/2	86,715
3/4	3/4	3/4	206,568	3/4	191,618	3/4	176,626	3/4	161,593	3/4	146,556	3/4	131,520	3/4	116,483	3/4	101,444	3/4	86,401
7	7	7	206,258	7	191,306	7	176,313	7	161,279	7	146,243	7	131,207	7	116,170	7	101,131	7	86,088
1/4	1/4	1/4	205,948	1/4	190,993	1/4	176,001	1/4	160,966	1/4	145,930	1/4	130,893	1/4	115,857	1/4	100,817	1/4	85,774
1/2	1/2	1/2	205,638	1/2	190,681	1/2	175,688	1/2	160,653	1/2	145,617	1/2	130,580	1/2	115,544	1/2	100,504	1/2	85,461
3/4	3/4	3/4	205,328	3/4	190,369	3/4	175,375	3/4	160,340	3/4	145,303	3/4	130,267	3/4	115,230	3/4	100,191	3/4	85,148
8	8	8	205,018	8	190,056	8	175,062	8	160,026	8	144,990	8	129,954	8	114,917	8	99,877	8	84,834
1/4	1/4	1/4	204,707	1/4	189,744	1/4	174,750	1/4	159,713	1/4	144,677	1/4	129,640	1/4	114,604	1/4	99,564	1/4	84,521
1/2	1/2	1/2	204,397	1/2	189,432	1/2	174,436	1/2	159,400	1/2	144,363	1/2	129,327	1/2	114,291	1/2	99,250	1/2	84,207
3/4	3/4	3/4	204,087	3/4	189,119	3/4	174,123	3/4	159,087	3/4	144,050	3/4	129,014	3/4	113,977	3/4	98,937	3/4	83,894
9	9	9	203,776	9	188,807	9	173,810	9	158,773	9	143,737	9	128,700	9	113,664	9	98,624	9	83,581
1/4	1/4	1/4	203,466	1/4	188,495	1/4	173,497	1/4	158,460	1/4	143,424	1/4	128,387	1/4	113,351	1/4	98,310	1/4	83,267
1/2	1/2	1/2	203,156	1/2	188,182	1/2	173,183	1/2	158,147	1/2	143,110	1/2	128,074	1/2	113,038	1/2	97,997	1/2	82,954
3/4	3/4	3/4	202,846	3/4	187,870	3/4	172,870	3/4	157,834	3/4	142,797	3/4	127,761	3/4	112,724	3/4	97,683	3/4	82,640
10	10	10	202,535	10	187,558	10	172,557	10	157,520	10	142,484	10	127,447	10	112,411	10	97,370	10	82,327
1/4	1/4	1/4	202,225	1/4	187,245	1/4	172,244	1/4	157,207	1/4	142,171	1/4	127,134	1/4	112,098	1/4	97,057	1/4	82,014
1/2	1/2	1/2	201,915	1/2	186,933	1/2	171,930	1/2	156,894	1/2	141,857	1/2	126,821	1/2	111,784	1/2	96,743	1/2	81,700
3/4	3/4	3/4	201,605	3/4	186,621	3/4	171,617	3/4	156,581	3/4	141,544	3/4	126,508	3/4	111,471	3/4	96,430	3/4	81,387
11	11	11	201,294	11	186,308	11	171,304	11	156,267	11	141,231	11	126,194	11	111,158	11	96,116	11	81,074
1/4	1/4	1/4	200,984	1/4	185,996	1/4	170,991	1/4	155,954	1/4	140,918	1/4	125,881	1/4	110,845	1/4	95,803	1/4	80,760
1/2	1/2	1/2	200,673	1/2	185,684	1/2	170,677	1/2	155,641	1/2	140,604	1/2	125,568	1/2	110,531	1/2	95,490	1/2	80,447
3/4	3/4	3/4	200,362	3/4	185,371	3/4	170,364	3/4	155,328	3/4	140,291	3/4	125,255	3/4	110,218	3/4	95,176	3/4	80,133

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	79,820	0	64,777	0	49,834	0	34,796	0	19,754	0	5,525	0		0		0		0	
1/4	79,507	1/4	64,464	1/4	49,522	1/4	34,483	1/4	19,440	1/4	5,250	1/4		1/4		1/4		1/4	
1/2	79,193	1/2	64,152	1/2	49,210	1/2	34,169	1/2	19,127	1/2	4,979	1/2		1/2		1/2		1/2	
3/4	78,880	3/4	63,840	3/4	48,897	3/4	33,856	3/4	18,814	3/4	4,709	3/4		3/4		3/4		3/4	
1	78,566	1	63,528	1	48,584	1	33,543	1	18,500	1	4,438	1		1		1		1	
1/4	78,253	1/4	63,216	1/4	48,272	1/4	33,229	1/4	18,187	1/4	4,167	1/4		1/4		1/4		1/4	
1/2	77,940	1/2	62,905	1/2	47,958	1/2	32,916	1/2	17,874	1/2	3,900	1/2		1/2		1/2		1/2	
3/4	77,626	3/4	62,593	3/4	47,645	3/4	32,603	3/4	17,562	3/4	3,633	3/4		3/4		3/4		3/4	
2	77,313	2	62,282	2	47,332	2	32,289	2	17,250	2	3,366	2		2		2		2	
1/4	76,999	1/4	61,971	1/4	47,018	1/4	31,976	1/4	16,937	1/4	3,099	1/4		1/4		1/4		1/4	
1/2	76,686	1/2	61,660	1/2	46,705	1/2	31,662	1/2	16,628	1/2	2,837	1/2		1/2		1/2		1/2	
3/4	76,373	3/4	61,349	3/4	46,391	3/4	31,349	3/4	16,318	3/4	2,575	3/4		3/4		3/4		3/4	
3	76,059	3	61,038	3	46,078	3	31,036	3	16,009	3	2,313	3		3		3		3	
1/4	75,746	1/4	60,727	1/4	45,765	1/4	30,722	1/4	15,699	1/4	2,050	1/4		1/4		1/4		1/4	
1/2	75,432	1/2	60,416	1/2	45,451	1/2	30,409	1/2	15,393	1/2	1,811	1/2		1/2		1/2		1/2	
3/4	75,119	3/4	60,105	3/4	45,138	3/4	30,095	3/4	15,088	3/4	1,572	3/4		3/4		3/4		3/4	
4	74,806	4	59,794	4	44,825	4	29,782	4	14,782	4	1,333	4		4		4		4	
1/4	74,492	1/4	59,483	1/4	44,511	1/4	29,469	1/4	14,476	1/4	1,094	1/4		1/4		1/4		1/4	
1/2	74,179	1/2	59,172	1/2	44,198	1/2	29,155	1/2	14,174	1/2	917	1/2		1/2		1/2		1/2	
3/4	73,865	3/4	58,860	3/4	43,884	3/4	28,842	3/4	13,873	3/4	740	3/4		3/4		3/4		3/4	
5	73,552	5	58,549	5	43,571	5	28,529	5	13,571	5	563	5		5		5		5	
1/4	73,239	1/4	58,238	1/4	43,258	1/4	28,215	1/4	13,269	1/4	386	1/4		1/4		1/4		1/4	
1/2	72,925	1/2	57,927	1/2	42,944	1/2	27,902	1/2	12,971	1/2		1/2		1/2		1/2		1/2	
3/4	72,612	3/4	57,616	3/4	42,631	3/4	27,588	3/4	12,673	3/4		3/4		3/4		3/4		3/4	
6	72,298	6	57,305	6	42,317	6	27,275	6	12,375	6		6		6		6		6	
1/4	71,985	1/4	56,994	1/4	42,004	1/4	26,962	1/4	12,077	1/4		1/4		1/4		1/4		1/4	
1/2	71,672	1/2	56,683	1/2	41,691	1/2	26,648	1/2	11,783	1/2		1/2		1/2		1/2		1/2	
3/4	71,358	3/4	56,372	3/4	41,377	3/4	26,335	3/4	11,489	3/4		3/4		3/4		3/4		3/4	
7	71,045	7	56,061	7	41,064	7	26,021	7	11,195	7		7		7		7		7	
1/4	70,731	1/4	55,750	1/4	40,751	1/4	25,708	1/4	10,901	1/4		1/4		1/4		1/4		1/4	
1/2	70,418	1/2	55,439	1/2	40,437	1/2	25,395	1/2	10,611	1/2		1/2		1/2		1/2		1/2	
3/4	70,105	3/4	55,128	3/4	40,124	3/4	25,081	3/4	10,320	3/4		3/4		3/4		3/4		3/4	
8	69,791	8	54,817	8	39,810	8	24,768	8	10,030	8		8		8		8		8	
1/4	69,478	1/4	54,506	1/4	39,497	1/4	24,454	1/4	9,740	1/4		1/4		1/4		1/4		1/4	
1/2	69,164	1/2	54,195	1/2	39,184	1/2	24,141	1/2	9,454	1/2		1/2		1/2		1/2		1/2	
3/4	68,851	3/4	53,884	3/4	38,870	3/4	23,828	3/4	9,167	3/4		3/4		3/4		3/4		3/4	
9	68,538	9	53,573	9	38,557	9	23,514	9	8,881	9		9		9		9		9	
1/4	68,224	1/4	53,262	1/4	38,243	1/4	23,201	1/4	8,594	1/4		1/4		1/4		1/4		1/4	
1/2	67,911	1/2	52,951	1/2	37,930	1/2	22,888	1/2	8,312	1/2		1/2		1/2		1/2		1/2	
3/4	67,598	3/4	52,640	3/4	37,617	3/4	22,574	3/4	8,029	3/4		3/4		3/4		3/4		3/4	
10	67,284	10	52,328	10	37,303	10	22,261	10	7,747	10		10		10		10		10	
1/4	66,971	1/4	52,017	1/4	36,990	1/4	21,947	1/4	7,464	1/4		1/4		1/4		1/4		1/4	
1/2	66,657	1/2	51,705	1/2	36,677	1/2	21,634	1/2	7,186	1/2		1/2		1/2		1/2		1/2	
3/4	66,344	3/4	51,394	3/4	36,363	3/4	21,321	3/4	6,907	3/4		3/4		3/4		3/4		3/4	
11	66,031	11	51,082	11	36,050	11	21,007	11	6,628	11		11		11		11		11	
1/4	65,717	1/4	50,770	1/4	35,736	1/4	20,694	1/4	6,350	1/4		1/4		1/4		1/4		1/4	
1/2	65,404	1/2	50,458	1/2	35,423	1/2	20,380	1/2	6,075	1/2		1/2		1/2		1/2		1/2	
3/4	65,091	3/4	50,146	3/4	35,110	3/4	20,067	3/4	5,800	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2020 CL
CALCULATED: 01/09/2020 CL
PRINTED: 01/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "HSM 3034"

1 STBD 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	0	0	200,218	0	185,221	0	170,207	0	155,165	0	140,124	0	125,082	0	110,040	0	94,993
1/4	1/4	1/4	1/4	1/4	199,906	1/4	184,908	1/4	169,894	1/4	154,852	1/4	139,810	1/4	124,768	1/4	109,727	1/4	94,679
1/2	1/2	1/2	1/2	1/2	199,594	1/2	184,596	1/2	169,581	1/2	154,539	1/2	139,497	1/2	124,455	1/2	109,413	1/2	94,366
3/4	3/4	3/4	3/4	3/4	199,281	3/4	184,283	3/4	169,267	3/4	154,225	3/4	139,183	3/4	124,142	3/4	109,100	3/4	94,052
1	1	1	1	1	198,969	1	183,971	1	168,954	1	153,912	1	138,870	1	123,828	1	108,787	1	93,739
1/4	1/4	1/4	1/4	1/4	198,657	1/4	183,659	1/4	168,640	1/4	153,599	1/4	138,557	1/4	123,515	1/4	108,473	1/4	93,425
1/2	1/2	1/2	1/2	1/2	198,344	1/2	183,346	1/2	168,327	1/2	153,285	1/2	138,243	1/2	123,202	1/2	108,160	1/2	93,112
3/4	3/4	3/4	3/4	3/4	198,032	3/4	183,034	3/4	168,014	3/4	152,972	3/4	137,930	3/4	122,888	3/4	107,846	3/4	92,798
2	2	2	2	2	197,719	2	182,721	2	167,700	2	152,658	2	137,617	2	122,575	2	107,533	2	92,485
1/4	1/4	1/4	1/4	1/4	211,352	1/4	197,407	1/4	182,409	1/4	167,387	1/4	152,345	1/4	137,303	1/4	122,262	1/4	92,171
1/2	1/2	1/2	1/2	1/2	211,173	1/2	197,094	1/2	182,096	1/2	167,074	1/2	152,032	1/2	136,990	1/2	121,948	1/2	91,858
3/4	3/4	3/4	3/4	3/4	210,993	3/4	196,782	3/4	181,784	3/4	166,760	3/4	151,718	3/4	136,676	3/4	121,635	3/4	91,544
3	3	3	3	3	210,813	3	196,469	3	181,471	3	166,447	3	151,405	3	136,363	3	121,321	3	91,231
1/4	1/4	1/4	1/4	1/4	210,633	1/4	196,157	1/4	181,159	1/4	166,133	1/4	151,092	1/4	136,050	1/4	121,008	1/4	90,917
1/2	1/2	1/2	1/2	1/2	210,401	1/2	195,844	1/2	180,846	1/2	165,820	1/2	150,778	1/2	135,736	1/2	120,695	1/2	90,604
3/4	3/4	3/4	3/4	3/4	210,169	3/4	195,532	3/4	180,534	3/4	165,507	3/4	150,465	3/4	135,423	3/4	120,381	3/4	90,290
4	4	4	4	4	209,937	4	195,220	4	180,221	4	165,193	4	150,151	4	135,110	4	120,068	4	89,977
1/4	1/4	1/4	1/4	1/4	209,705	1/4	194,907	1/4	179,909	1/4	164,880	1/4	149,838	1/4	134,796	1/4	119,755	1/4	89,663
1/2	1/2	1/2	1/2	1/2	209,424	1/2	194,595	1/2	179,597	1/2	164,567	1/2	149,525	1/2	134,483	1/2	119,441	1/2	89,350
3/4	3/4	3/4	3/4	3/4	209,144	3/4	194,282	3/4	179,284	3/4	164,253	3/4	149,211	3/4	134,169	3/4	119,128	3/4	89,036
5	5	5	5	5	208,863	5	193,970	5	178,972	5	163,940	5	148,898	5	133,856	5	118,814	5	88,723
1/4	1/4	1/4	1/4	1/4	208,583	1/4	193,657	1/4	178,659	1/4	163,626	1/4	148,585	1/4	133,543	1/4	118,501	1/4	88,409
1/2	1/2	1/2	1/2	1/2	208,276	1/2	193,345	1/2	178,347	1/2	163,313	1/2	148,271	1/2	133,229	1/2	118,188	1/2	88,096
3/4	3/4	3/4	3/4	3/4	207,970	3/4	193,032	3/4	178,034	3/4	163,000	3/4	147,958	3/4	132,916	3/4	117,874	3/4	87,782
6	6	6	6	6	207,664	6	192,720	6	177,722	6	162,686	6	147,644	6	132,603	6	117,561	6	87,469
1/4	1/4	1/4	1/4	1/4	207,358	1/4	192,407	1/4	177,409	1/4	162,373	1/4	147,331	1/4	132,289	1/4	117,248	1/4	87,155
1/2	1/2	1/2	1/2	1/2	207,048	1/2	192,095	1/2	177,097	1/2	162,060	1/2	147,018	1/2	131,976	1/2	116,934	1/2	86,842
3/4	3/4	3/4	3/4	3/4	206,738	3/4	191,782	3/4	176,784	3/4	161,746	3/4	146,704	3/4	131,663	3/4	116,621	3/4	86,528
7	7	7	7	7	206,428	7	191,470	7	176,472	7	161,433	7	146,391	7	131,349	7	116,308	7	86,215
1/4	1/4	1/4	1/4	1/4	206,118	1/4	191,158	1/4	176,160	1/4	161,119	1/4	146,078	1/4	131,036	1/4	115,994	1/4	85,901
1/2	1/2	1/2	1/2	1/2	205,808	1/2	190,845	1/2	175,847	1/2	160,806	1/2	145,764	1/2	130,722	1/2	115,681	1/2	85,588
3/4	3/4	3/4	3/4	3/4	205,497	3/4	190,533	3/4	175,534	3/4	160,493	3/4	145,451	3/4	130,409	3/4	115,367	3/4	85,274
8	8	8	8	8	205,187	8	190,220	8	175,221	8	160,179	8	145,137	8	130,096	8	115,054	8	84,961
1/4	1/4	1/4	1/4	1/4	204,877	1/4	189,908	1/4	174,908	1/4	159,866	1/4	144,824	1/4	129,782	1/4	114,741	1/4	84,647
1/2	1/2	1/2	1/2	1/2	204,566	1/2	189,595	1/2	174,594	1/2	159,553	1/2	144,511	1/2	129,469	1/2	114,427	1/2	84,334
3/4	3/4	3/4	3/4	3/4	204,256	3/4	189,283	3/4	174,281	3/4	159,239	3/4	144,197	3/4	129,156	3/4	114,114	3/4	84,020
9	9	9	9	9	203,945	9	188,970	9	173,968	9	158,926	9	143,884	9	128,842	9	113,801	9	83,707
1/4	1/4	1/4	1/4	1/4	203,635	1/4	188,658	1/4	173,654	1/4	158,612	1/4	143,571	1/4	128,529	1/4	113,487	1/4	83,393
1/2	1/2	1/2	1/2	1/2	203,324	1/2	188,345	1/2	173,341	1/2	158,299	1/2	143,257	1/2	128,215	1/2	113,174	1/2	83,080
3/4	3/4	3/4	3/4	3/4	203,014	3/4	188,033	3/4	173,028	3/4	157,986	3/4	142,944	3/4	127,902	3/4	112,860	3/4	82,766
10	10	10	10	10	202,704	10	187,720	10	172,714	10	157,672	10	142,630	10	127,589	10	112,547	10	82,453
1/4	1/4	1/4	1/4	1/4	202,393	1/4	187,408	1/4	172,401	1/4	157,359	1/4	142,317	1/4	127,275	1/4	112,234	1/4	82,139
1/2	1/2	1/2	1/2	1/2	202,083	1/2	187,096	1/2	172,088	1/2	157,046	1/2	142,004	1/2	126,962	1/2	111,920	1/2	81,826
3/4	3/4	3/4	3/4	3/4	201,773	3/4	186,783	3/4	171,774	3/4	156,732	3/4	141,690	3/4	126,649	3/4	111,607	3/4	81,512
11	11	11	11	11	201,462	11	186,471	11	171,461	11	156,419	11	141,377	11	126,335	11	111,294	11	81,199
1/4	1/4	1/4	1/4	1/4	201,152	1/4	186,158	1/4	171,147	1/4	156,106	1/4	141,064	1/4	126,022	1/4	110,980	1/4	80,885
1/2	1/2	1/2	1/2	1/2	200,841	1/2	185,846	1/2	170,834	1/2	155,792	1/2	140,750	1/2	125,709	1/2	110,667	1/2	80,572
3/4	3/4	3/4	3/4	3/4	200,529	3/4	185,533	3/4	170,521	3/4	155,479	3/4	140,437	3/4	125,395	3/4	110,354	3/4	80,258

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HSM 3034"

1 STBD 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	79,945	0	64,897	0	49,856	0	34,808	0	19,761	0	5,527	0		0		0		0	
1/4	79,631	1/4	64,583	1/4	49,543	1/4	34,495	1/4	19,447	1/4	5,252	1/4		1/4		1/4		1/4	
1/2	79,318	1/2	64,270	1/2	49,229	1/2	34,181	1/2	19,134	1/2	4,981	1/2		1/2		1/2		1/2	
3/4	79,004	3/4	63,956	3/4	48,916	3/4	33,868	3/4	18,820	3/4	4,710	3/4		3/4		3/4		3/4	
1	78,691	1	63,643	1	48,602	1	33,554	1	18,507	1	4,439	1		1		1		1	
1/4	78,377	1/4	63,329	1/4	48,289	1/4	33,241	1/4	18,193	1/4	4,168	1/4		1/4		1/4		1/4	
1/2	78,064	1/2	63,016	1/2	47,975	1/2	32,927	1/2	17,881	1/2	3,901	1/2		1/2		1/2		1/2	
3/4	77,750	3/4	62,702	3/4	47,662	3/4	32,614	3/4	17,568	3/4	3,634	3/4		3/4		3/4		3/4	
2	77,437	2	62,389	2	47,348	2	32,300	2	17,256	2	3,367	2		2		2		2	
1/4	77,123	1/4	62,075	1/4	47,035	1/4	31,987	1/4	16,943	1/4	3,101	1/4		1/4		1/4		1/4	
1/2	76,810	1/2	61,762	1/2	46,721	1/2	31,673	1/2	16,633	1/2	2,838	1/2		1/2		1/2		1/2	
3/4	76,496	3/4	61,449	3/4	46,408	3/4	31,360	3/4	16,324	3/4	2,576	3/4		3/4		3/4		3/4	
3	76,183	3	61,135	3	46,094	3	31,046	3	16,014	3	2,313	3		3		3		3	
1/4	75,869	1/4	60,822	1/4	45,781	1/4	30,733	1/4	15,704	1/4	2,051	1/4		1/4		1/4		1/4	
1/2	75,556	1/2	60,509	1/2	45,467	1/2	30,419	1/2	15,399	1/2	1,812	1/2		1/2		1/2		1/2	
3/4	75,242	3/4	60,196	3/4	45,154	3/4	30,106	3/4	15,093	3/4	1,573	3/4		3/4		3/4		3/4	
4	74,929	4	59,882	4	44,840	4	29,792	4	14,787	4	1,334	4		4		4		4	
1/4	74,615	1/4	59,569	1/4	44,527	1/4	29,479	1/4	14,481	1/4	1,095	1/4		1/4		1/4		1/4	
1/2	74,302	1/2	59,256	1/2	44,213	1/2	29,165	1/2	14,179	1/2	918	1/2		1/2		1/2		1/2	
3/4	73,988	3/4	58,942	3/4	43,900	3/4	28,852	3/4	13,878	3/4	740	3/4		3/4		3/4		3/4	
5	73,675	5	58,629	5	43,586	5	28,538	5	13,576	5	563	5		5		5		5	
1/4	73,361	1/4	58,316	1/4	43,273	1/4	28,225	1/4	13,274	1/4	386	1/4		1/4		1/4		1/4	
1/2	73,048	1/2	58,003	1/2	42,959	1/2	27,911	1/2	12,976	1/2		1/2		1/2		1/2		1/2	
3/4	72,734	3/4	57,689	3/4	42,646	3/4	27,598	3/4	12,678	3/4		3/4		3/4		3/4		3/4	
6	72,421	6	57,376	6	42,332	6	27,284	6	12,380	6		6		6		6		6	
1/4	72,107	1/4	57,063	1/4	42,019	1/4	26,971	1/4	12,082	1/4		1/4		1/4		1/4		1/4	
1/2	71,794	1/2	56,750	1/2	41,705	1/2	26,657	1/2	11,787	1/2		1/2		1/2		1/2		1/2	
3/4	71,480	3/4	56,436	3/4	41,392	3/4	26,344	3/4	11,493	3/4		3/4		3/4		3/4		3/4	
7	71,167	7	56,123	7	41,078	7	26,030	7	11,199	7		7		7		7		7	
1/4	70,853	1/4	55,810	1/4	40,765	1/4	25,717	1/4	10,905	1/4		1/4		1/4		1/4		1/4	
1/2	70,540	1/2	55,496	1/2	40,451	1/2	25,403	1/2	10,614	1/2		1/2		1/2		1/2		1/2	
3/4	70,226	3/4	55,183	3/4	40,138	3/4	25,090	3/4	10,324	3/4		3/4		3/4		3/4		3/4	
8	69,913	8	54,870	8	39,824	8	24,777	8	10,034	8		8		8		8		8	
1/4	69,599	1/4	54,557	1/4	39,511	1/4	24,463	1/4	9,743	1/4		1/4		1/4		1/4		1/4	
1/2	69,286	1/2	54,243	1/2	39,197	1/2	24,150	1/2	9,457	1/2		1/2		1/2		1/2		1/2	
3/4	68,972	3/4	53,930	3/4	38,884	3/4	23,836	3/4	9,170	3/4		3/4		3/4		3/4		3/4	
9	68,659	9	53,617	9	38,570	9	23,523	9	8,884	9		9		9		9		9	
1/4	68,345	1/4	53,304	1/4	38,257	1/4	23,209	1/4	8,597	1/4		1/4		1/4		1/4		1/4	
1/2	68,032	1/2	52,990	1/2	37,943	1/2	22,896	1/2	8,315	1/2		1/2		1/2		1/2		1/2	
3/4	67,718	3/4	52,677	3/4	37,630	3/4	22,582	3/4	8,032	3/4		3/4		3/4		3/4		3/4	
10	67,405	10	52,364	10	37,316	10	22,269	10	7,750	10		10		10		10		10	
1/4	67,091	1/4	52,050	1/4	37,003	1/4	21,955	1/4	7,467	1/4		1/4		1/4		1/4		1/4	
1/2	66,778	1/2	51,737	1/2	36,689	1/2	21,642	1/2	7,188	1/2		1/2		1/2		1/2		1/2	
3/4	66,464	3/4	51,423	3/4	36,376	3/4	21,328	3/4	6,909	3/4		3/4		3/4		3/4		3/4	
11	66,151	11	51,110	11	36,062	11	21,015	11	6,631	11		11		11		11		11	
1/4	65,837	1/4	50,796	1/4	35,749	1/4	20,701	1/4	6,352	1/4		1/4		1/4		1/4		1/4	
1/2	65,524	1/2	50,483	1/2	35,435	1/2	20,388	1/2	6,077	1/2		1/2		1/2		1/2		1/2	
3/4	65,210	3/4	50,169	3/4	35,122	3/4	20,074	3/4	5,802	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2020 CL
CALCULATED: 01/09/2020 CL
PRINTED: 01/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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BARGE "HSM 3034"

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	81,172	0	66,087	0	51,544	0	37,060	0	22,001	0	6,917	0		0		0		0	
1/4	80,857	1/4	65,778	1/4	51,241	1/4	36,752	1/4	21,687	1/4	6,603	1/4		1/4		1/4		1/4	
1/2	80,543	1/2	65,470	1/2	50,939	1/2	36,443	1/2	21,373	1/2	6,288	1/2		1/2		1/2		1/2	
3/4	80,229	3/4	65,161	3/4	50,637	3/4	36,135	3/4	21,059	3/4	5,974	3/4		3/4		3/4		3/4	
1	79,914	1	64,853	1	50,335	1	35,826	1	20,744	1	5,660	1		1		1		1	
1/4	79,600	1/4	64,551	1/4	50,033	1/4	35,512	1/4	20,430	1/4	5,346	1/4		1/4		1/4		1/4	
1/2	79,286	1/2	64,248	1/2	49,732	1/2	35,198	1/2	20,116	1/2	5,032	1/2		1/2		1/2		1/2	
3/4	78,972	3/4	63,946	3/4	49,430	3/4	34,884	3/4	19,802	3/4	4,718	3/4		3/4		3/4		3/4	
2	78,657	2	63,643	2	49,128	2	34,569	2	19,487	2	4,404	2		2		2		2	
1/4	78,343	1/4	63,341	1/4	48,826	1/4	34,255	1/4	19,173	1/4	4,091	1/4		1/4		1/4		1/4	
1/2	78,029	1/2	63,038	1/2	48,525	1/2	33,941	1/2	18,859	1/2	3,777	1/2		1/2		1/2		1/2	
3/4	77,715	3/4	62,736	3/4	48,223	3/4	33,627	3/4	18,545	3/4	3,464	3/4		3/4		3/4		3/4	
3	77,400	3	62,433	3	47,921	3	33,312	3	18,230	3	3,151	3		3		3		3	
1/4	77,086	1/4	62,131	1/4	47,620	1/4	32,998	1/4	17,916	1/4	2,857	1/4		1/4		1/4		1/4	
1/2	76,772	1/2	61,828	1/2	47,318	1/2	32,684	1/2	17,602	1/2	2,563	1/2		1/2		1/2		1/2	
3/4	76,457	3/4	61,526	3/4	47,017	3/4	32,370	3/4	17,287	3/4	2,269	3/4		3/4		3/4		3/4	
4	76,143	4	61,223	4	46,715	4	32,055	4	16,973	4	1,976	4		4		4		4	
1/4	75,829	1/4	60,921	1/4	46,414	1/4	31,741	1/4	16,659	1/4	1,740	1/4		1/4		1/4		1/4	
1/2	75,515	1/2	60,618	1/2	46,112	1/2	31,427	1/2	16,345	1/2	1,504	1/2		1/2		1/2		1/2	
3/4	75,200	3/4	60,316	3/4	45,810	3/4	31,113	3/4	16,030	3/4	1,269	3/4		3/4		3/4		3/4	
5	74,886	5	60,013	5	45,509	5	30,798	5	15,716	5	1,033	5		5		5		5	
1/4	74,572	1/4	59,711	1/4	45,207	1/4	30,484	1/4	15,402	1/4		1/4		1/4		1/4		1/4	
1/2	74,258	1/2	59,408	1/2	44,906	1/2	30,170	1/2	15,088	1/2		1/2		1/2		1/2		1/2	
3/4	73,943	3/4	59,106	3/4	44,604	3/4	29,856	3/4	14,773	3/4		3/4		3/4		3/4		3/4	
6	73,629	6	58,803	6	44,303	6	29,542	6	14,459	6		6		6		6		6	
1/4	73,315	1/4	58,501	1/4	44,001	1/4	29,228	1/4	14,145	1/4		1/4		1/4		1/4		1/4	
1/2	73,001	1/2	58,198	1/2	43,700	1/2	28,913	1/2	13,831	1/2		1/2		1/2		1/2		1/2	
3/4	72,686	3/4	57,896	3/4	43,398	3/4	28,599	3/4	13,516	3/4		3/4		3/4		3/4		3/4	
7	72,372	7	57,593	7	43,097	7	28,285	7	13,202	7		7		7		7		7	
1/4	72,058	1/4	57,291	1/4	42,795	1/4	27,971	1/4	12,888	1/4		1/4		1/4		1/4		1/4	
1/2	71,743	1/2	56,988	1/2	42,493	1/2	27,657	1/2	12,574	1/2		1/2		1/2		1/2		1/2	
3/4	71,429	3/4	56,686	3/4	42,192	3/4	27,343	3/4	12,259	3/4		3/4		3/4		3/4		3/4	
8	71,115	8	56,383	8	41,890	8	27,029	8	11,945	8		8		8		8		8	
1/4	70,801	1/4	56,081	1/4	41,589	1/4	26,715	1/4	11,631	1/4		1/4		1/4		1/4		1/4	
1/2	70,486	1/2	55,778	1/2	41,287	1/2	26,401	1/2	11,317	1/2		1/2		1/2		1/2		1/2	
3/4	70,172	3/4	55,476	3/4	40,986	3/4	26,087	3/4	11,002	3/4		3/4		3/4		3/4		3/4	
9	69,858	9	55,173	9	40,684	9	25,772	9	10,688	9		9		9		9		9	
1/4	69,544	1/4	54,871	1/4	40,383	1/4	25,458	1/4	10,374	1/4		1/4		1/4		1/4		1/4	
1/2	69,229	1/2	54,568	1/2	40,081	1/2	25,144	1/2	10,059	1/2		1/2		1/2		1/2		1/2	
3/4	68,915	3/4	54,266	3/4	39,779	3/4	24,830	3/4	9,745	3/4		3/4		3/4		3/4		3/4	
10	68,601	10	53,964	10	39,478	10	24,515	10	9,431	10		10		10		10		10	
1/4	68,286	1/4	53,661	1/4	39,176	1/4	24,201	1/4	9,117	1/4		1/4		1/4		1/4		1/4	
1/2	67,972	1/2	53,359	1/2	38,874	1/2	23,887	1/2	8,802	1/2		1/2		1/2		1/2		1/2	
3/4	67,658	3/4	53,056	3/4	38,572	3/4	23,573	3/4	8,488	3/4		3/4		3/4		3/4		3/4	
11	67,344	11	52,754	11	38,270	11	23,258	11	8,174	11		11		11		11		11	
1/4	67,029	1/4	52,451	1/4	37,967	1/4	22,944	1/4	7,860	1/4		1/4		1/4		1/4		1/4	
1/2	66,715	1/2	52,149	1/2	37,665	1/2	22,630	1/2	7,545	1/2		1/2		1/2		1/2		1/2	
3/4	66,401	3/4	51,846	3/4	37,362	3/4	22,316	3/4	7,231	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2020 CL
CALCULATED: 01/09/2020 CL
PRINTED: 01/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3034"

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			202,707	0			0			172,657	0			157,590	0			142,524	0			127,458	0			112,391	0			97,318		
1/4		1/4		1/4	202,394		1/4	187,379		1/4	172,343		1/4	157,277		1/4	142,210		1/4	127,144		1/4	112,077		1/4	97,004											
1/2		1/2		1/2	202,081		1/2	187,066		1/2	172,029		1/2	156,963		1/2	141,896		1/2	126,830		1/2	111,763		1/2	96,690											
3/4		3/4		3/4	201,768		3/4	186,753		3/4	171,715		3/4	156,649		3/4	141,582		3/4	126,516		3/4	111,450		3/4	96,376											
1		1		1	201,455		1	186,440		1	171,401		1	156,335		1	141,269		1	126,202		1	111,136		1	96,062											
1/4		1/4		1/4	201,143		1/4	186,127		1/4	171,087		1/4	156,021		1/4	140,955		1/4	125,888		1/4	110,822		1/4	95,748											
1/2		1/2		1/2	200,830		1/2	185,814		1/2	170,774		1/2	155,707		1/2	140,641		1/2	125,574		1/2	110,508		1/2	95,434											
3/4		3/4		3/4	200,517		3/4	185,502		3/4	170,460		3/4	155,393		3/4	140,327		3/4	125,260		3/4	110,194		3/4	95,120											
2		2		2	214,130		2	200,204		2	185,189		2	170,146		2	155,079		2	140,013		2	124,947		2	109,880											
1/4		1/4		1/4	213,951		1/4	199,891		1/4	184,876		1/4	169,832		1/4	154,766		1/4	139,699		1/4	124,633		1/4	109,566											
1/2		1/2		1/2	213,772		1/2	199,578		1/2	184,563		1/2	169,518		1/2	154,452		1/2	139,385		1/2	124,319		1/2	109,252											
3/4		3/4		3/4	213,593		3/4	199,266		3/4	184,250		3/4	169,204		3/4	154,138		3/4	139,071		3/4	124,005		3/4	108,938											
3		3		3	213,414		3	198,953		3	183,938		3	168,890		3	153,824		3	138,757		3	123,691		3	108,624											
1/4		1/4		1/4	213,182		1/4	198,640		1/4	183,625		1/4	168,576		1/4	153,510		1/4	138,444		1/4	123,377		1/4	108,310											
1/2		1/2		1/2	212,951		1/2	198,327		1/2	183,312		1/2	168,263		1/2	153,196		1/2	138,130		1/2	123,063		1/2	107,996											
3/4		3/4		3/4	212,720		3/4	198,014		3/4	182,999		3/4	167,949		3/4	152,882		3/4	137,816		3/4	122,749		3/4	107,682											
4		4		4	212,488		4	197,702		4	182,686		4	167,635		4	152,568		4	137,502		4	122,436		4	107,368											
1/4		1/4		1/4	212,208		1/4	197,389		1/4	182,373		1/4	167,321		1/4	152,254		1/4	137,188		1/4	122,122		1/4	107,054											
1/2		1/2		1/2	211,929		1/2	197,076		1/2	182,061		1/2	167,007		1/2	151,941		1/2	136,874		1/2	121,808		1/2	106,739											
3/4		3/4		3/4	211,649		3/4	196,763		3/4	181,748		3/4	166,693		3/4	151,627		3/4	136,560		3/4	121,494		3/4	106,425											
5		5		5	211,369		5	196,450		5	181,435		5	166,379		5	151,313		5	136,246		5	121,180		5	106,111											
1/4		1/4		1/4	211,063		1/4	196,137		1/4	181,122		1/4	166,065		1/4	150,999		1/4	135,933		1/4	120,866		1/4	105,797											
1/2		1/2		1/2	210,757		1/2	195,825		1/2	180,809		1/2	165,751		1/2	150,685		1/2	135,619		1/2	120,552		1/2	105,483											
3/4		3/4		3/4	210,452		3/4	195,512		3/4	180,497		3/4	165,438		3/4	150,371		3/4	135,305		3/4	120,238		3/4	105,169											
6		6		6	210,146		6	195,199		6	180,184		6	165,124		6	150,057		6	134,991		6	119,924		6	104,855											
1/4		1/4		1/4	209,837		1/4	194,886		1/4	179,871		1/4	164,810		1/4	149,743		1/4	134,677		1/4	119,611		1/4	104,541											
1/2		1/2		1/2	209,527		1/2	194,573		1/2	179,558		1/2	164,496		1/2	149,430		1/2	134,363		1/2	119,297		1/2	104,227											
3/4		3/4		3/4	209,218		3/4	194,261		3/4	179,245		3/4	164,182		3/4	149,116		3/4	134,049		3/4	118,983		3/4	103,913											
7		7		7	208,908		7	193,948		7	178,932		7	163,868		7	148,802		7	133,735		7	118,669		7	103,599											
1/4		1/4		1/4	208,599		1/4	193,635		1/4	178,619		1/4	163,554		1/4	148,488		1/4	133,421		1/4	118,355		1/4	103,285											
1/2		1/2		1/2	208,289		1/2	193,322		1/2	178,306		1/2	163,240		1/2	148,174		1/2	133,108		1/2	118,041		1/2	102,971											
3/4		3/4		3/4	207,979		3/4	193,009		3/4	177,992		3/4	162,926		3/4	147,860		3/4	132,794		3/4	117,727		3/4	102,657											
8		8		8	207,669		8	192,696		8	177,679		8	162,613		8	147,546		8	132,480		8	117,413		8	102,343											
1/4		1/4		1/4	207,359		1/4	192,384		1/4	177,365		1/4	162,299		1/4	147,232		1/4	132,166		1/4	117,100		1/4	102,029											
1/2		1/2		1/2	207,050		1/2	192,071		1/2	177,051		1/2	161,985		1/2	146,918		1/2	131,852		1/2	116,786		1/2	101,715											
3/4		3/4		3/4	206,740		3/4	191,758		3/4	176,737		3/4	161,671		3/4	146,605		3/4	131,538		3/4	116,472		3/4	101,401											
9		9		9	206,430		9	191,445		9	176,423		9	161,357		9	146,291		9	131,224		9	116,158		9	101,087											
1/4		1/4		1/4	206,120		1/4	191,132		1/4	176,110		1/4	161,043		1/4	145,977		1/4	130,910		1/4	115,844		1/4	100,773											
1/2		1/2		1/2	205,810		1/2	190,820		1/2	175,796		1/2	160,729		1/2	145,663		1/2	130,596		1/2	115,530		1/2	100,459											
3/4		3/4		3/4	205,500		3/4	190,507		3/4	175,482		3/4	160,415		3/4	145,349		3/4	130,283		3/4	115,216		3/4	100,145											
10		10		10	205,191		10	190,194		10	175,168		10	160,102		10	145,035		10	129,969		10	114,902		10	99,831	</										



BARGE "HSM 3034"

**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	82,244	0	67,170	0	52,096	0	37,058	0	21,986	0	6,912	0		0		0		0	
1/4	81,930	1/4	66,856	1/4	51,783	1/4	36,744	1/4	21,672	1/4	6,598	1/4		1/4		1/4		1/4	
1/2	81,616	1/2	66,542	1/2	51,469	1/2	36,430	1/2	21,358	1/2	6,284	1/2		1/2		1/2		1/2	
3/4	81,302	3/4	66,228	3/4	51,155	3/4	36,116	3/4	21,044	3/4	5,970	3/4		3/4		3/4		3/4	
1	80,988	1	65,914	1	50,842	1	35,802	1	20,730	1	5,656	1		1		1		1	
1/4	80,674	1/4	65,600	1/4	50,528	1/4	35,488	1/4	20,416	1/4	5,342	1/4		1/4		1/4		1/4	
1/2	80,360	1/2	65,286	1/2	50,215	1/2	35,174	1/2	20,102	1/2	5,029	1/2		1/2		1/2		1/2	
3/4	80,046	3/4	64,972	3/4	49,902	3/4	34,859	3/4	19,788	3/4	4,715	3/4		3/4		3/4		3/4	
2	79,732	2	64,658	2	49,588	2	34,545	2	19,474	2	4,401	2		2		2		2	
1/4	79,418	1/4	64,344	1/4	49,275	1/4	34,231	1/4	19,160	1/4	4,088	1/4		1/4		1/4		1/4	
1/2	79,104	1/2	64,030	1/2	48,962	1/2	33,917	1/2	18,846	1/2	3,775	1/2		1/2		1/2		1/2	
3/4	78,790	3/4	63,716	3/4	48,649	3/4	33,603	3/4	18,532	3/4	3,462	3/4		3/4		3/4		3/4	
3	78,476	3	63,402	3	48,335	3	33,289	3	18,218	3	3,149	3		3		3		3	
1/4	78,162	1/4	63,088	1/4	48,022	1/4	32,975	1/4	17,904	1/4	2,855	1/4		1/4		1/4		1/4	
1/2	77,848	1/2	62,774	1/2	47,709	1/2	32,661	1/2	17,590	1/2	2,562	1/2		1/2		1/2		1/2	
3/4	77,534	3/4	62,460	3/4	47,396	3/4	32,347	3/4	17,276	3/4	2,268	3/4		3/4		3/4		3/4	
4	77,220	4	62,146	4	47,083	4	32,033	4	16,962	4	1,974	4		4		4		4	
1/4	76,906	1/4	61,832	1/4	46,770	1/4	31,719	1/4	16,647	1/4	1,739	1/4		1/4		1/4		1/4	
1/2	76,592	1/2	61,518	1/2	46,457	1/2	31,405	1/2	16,333	1/2	1,503	1/2		1/2		1/2		1/2	
3/4	76,277	3/4	61,204	3/4	46,144	3/4	31,091	3/4	16,019	3/4	1,268	3/4		3/4		3/4		3/4	
5	75,963	5	60,889	5	45,830	5	30,777	5	15,705	5	1,032	5		5		5		5	
1/4	75,649	1/4	60,575	1/4	45,517	1/4	30,463	1/4	15,391	1/4		1/4		1/4		1/4		1/4	
1/2	75,335	1/2	60,261	1/2	45,204	1/2	30,149	1/2	15,077	1/2		1/2		1/2		1/2		1/2	
3/4	75,021	3/4	59,947	3/4	44,891	3/4	29,835	3/4	14,763	3/4		3/4		3/4		3/4		3/4	
6	74,707	6	59,633	6	44,578	6	29,521	6	14,449	6		6		6		6		6	
1/4	74,393	1/4	59,319	1/4	44,265	1/4	29,207	1/4	14,135	1/4		1/4		1/4		1/4		1/4	
1/2	74,079	1/2	59,005	1/2	43,952	1/2	28,893	1/2	13,821	1/2		1/2		1/2		1/2		1/2	
3/4	73,765	3/4	58,691	3/4	43,639	3/4	28,580	3/4	13,507	3/4		3/4		3/4		3/4		3/4	
7	73,451	7	58,377	7	43,326	7	28,266	7	13,193	7		7		7		7		7	
1/4	73,137	1/4	58,063	1/4	43,012	1/4	27,952	1/4	12,879	1/4		1/4		1/4		1/4		1/4	
1/2	72,823	1/2	57,749	1/2	42,699	1/2	27,638	1/2	12,565	1/2		1/2		1/2		1/2		1/2	
3/4	72,509	3/4	57,435	3/4	42,386	3/4	27,324	3/4	12,251	3/4		3/4		3/4		3/4		3/4	
8	72,195	8	57,121	8	42,073	8	27,010	8	11,937	8		8		8		8		8	
1/4	71,881	1/4	56,807	1/4	41,760	1/4	26,697	1/4	11,623	1/4		1/4		1/4		1/4		1/4	
1/2	71,567	1/2	56,493	1/2	41,447	1/2	26,383	1/2	11,309	1/2		1/2		1/2		1/2		1/2	
3/4	71,253	3/4	56,179	3/4	41,134	3/4	26,069	3/4	10,995	3/4		3/4		3/4		3/4		3/4	
9	70,939	9	55,865	9	40,821	9	25,755	9	10,681	9		9		9		9		9	
1/4	70,625	1/4	55,551	1/4	40,508	1/4	25,441	1/4	10,367	1/4		1/4		1/4		1/4		1/4	
1/2	70,311	1/2	55,237	1/2	40,194	1/2	25,127	1/2	10,053	1/2		1/2		1/2		1/2		1/2	
3/4	69,997	3/4	54,923	3/4	39,881	3/4	24,813	3/4	9,739	3/4		3/4		3/4		3/4		3/4	
10	69,683	10	54,609	10	39,568	10	24,498	10	9,425	10		10		10		10		10	
1/4	69,369	1/4	54,295	1/4	39,255	1/4	24,184	1/4	9,111	1/4		1/4		1/4		1/4		1/4	
1/2	69,055	1/2	53,981	1/2	38,941	1/2	23,870	1/2	8,796	1/2		1/2		1/2		1/2		1/2	
3/4	68,740	3/4	53,667	3/4	38,627	3/4	23,556	3/4	8,482	3/4		3/4		3/4		3/4		3/4	
11	68,426	11	53,352	11	38,314	11	23,242	11	8,168	11		11		11		11		11	
1/4	68,112	1/4	53,038	1/4	38,000	1/4	22,928	1/4	7,854	1/4		1/4		1/4		1/4		1/4	
1/2	67,798	1/2	52,724	1/2	37,686	1/2	22,614	1/2	7,540	1/2		1/2		1/2		1/2		1/2	
3/4	67,484	3/4	52,410	3/4	37,372	3/4	22,300	3/4	7,226	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2020 CL
CALCULATED: 01/09/2020 CL
PRINTED: 01/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "HSM 3034"

3 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	184,243		0	173,914		0	163,572		0	153,207		0	141,239		0	126,279		0	111,318		0	96,343				
1/4	1/4		1/4	184,028		1/4	173,699		1/4	163,356		1/4	152,991		1/4	140,928		1/4	125,967		1/4	111,006		1/4	96,031				
1/2	1/2		1/2	183,813		1/2	173,484		1/2	163,140		1/2	152,775		1/2	140,616		1/2	125,655		1/2	110,694		1/2	95,719				
3/4	3/4		3/4	183,597		3/4	173,268		3/4	162,924		3/4	152,559		3/4	140,305		3/4	125,344		3/4	110,382		3/4	95,407				
1	1		1	183,382		1	173,053		1	162,708		1	152,343		1	139,993		1	125,032		1	110,071		1	95,096				
1/4	1/4		1/4	183,167		1/4	172,838		1/4	162,492		1/4	152,127		1/4	139,681		1/4	124,720		1/4	109,759		1/4	94,784				
1/2	1/2		1/2	182,952		1/2	172,623		1/2	162,277		1/2	151,911		1/2	139,370		1/2	124,409		1/2	109,447		1/2	94,472				
3/4	3/4		3/4	182,737		3/4	172,408		3/4	162,061		3/4	151,695		3/4	139,058		3/4	124,097		3/4	109,136		3/4	94,160				
2	2		2	182,521		2	172,193		2	161,845		2	151,479		2	138,746		2	123,785		2	108,824		2	93,848				
1/4	1/4	191,943	1/4	182,306		1/4	171,977		1/4	161,629		1/4	151,263		1/4	138,435		1/4	123,473		1/4	108,512		1/4	93,536				
1/2	1/2	191,820	1/2	182,091		1/2	171,762		1/2	161,413		1/2	151,047		1/2	138,123		1/2	123,162		1/2	108,200		1/2	93,224				
3/4	3/4	191,696	3/4	181,876		3/4	171,547		3/4	161,197		3/4	150,831		3/4	137,811		3/4	122,850		3/4	107,889		3/4	92,913				
3	3	191,573	3	181,661		3	171,332		3	160,981		3	150,615		3	137,500		3	122,538		3	107,577		3	92,601				
1/4	1/4	191,449	1/4	181,446		1/4	171,117		1/4	160,765		1/4	150,400		1/4	137,188		1/4	122,227		1/4	107,265		1/4	92,289				
1/2	1/2	191,289	1/2	181,230		1/2	170,901		1/2	160,549		1/2	150,184		1/2	136,876		1/2	121,915		1/2	106,953		1/2	91,977				
3/4	3/4	191,130	3/4	181,015		3/4	170,686		3/4	160,333		3/4	149,968		3/4	136,565		3/4	121,603		3/4	106,641		3/4	91,665				
4	4	190,970	4	180,800		4	170,471		4	160,117		4	149,752		4	136,253		4	121,292		4	106,329		4	91,353				
1/4	1/4	190,811	1/4	180,585		1/4	170,256		1/4	159,901		1/4	149,536		1/4	135,941		1/4	120,980		1/4	106,017		1/4	91,042				
1/2	1/2	190,618	1/2	180,370		1/2	170,041		1/2	159,685		1/2	149,316		1/2	135,629		1/2	120,668		1/2	105,705		1/2	90,730				
3/4	3/4	190,425	3/4	180,154		3/4	169,826		3/4	159,469		3/4	149,097		3/4	135,318		3/4	120,357		3/4	105,393		3/4	90,418				
5	5	190,232	5	179,939		5	169,610		5	159,253		5	148,877		5	135,006		5	120,045		5	105,081		5	90,106				
1/4	1/4	190,038	1/4	179,724		1/4	169,395		1/4	159,037		1/4	148,658		1/4	134,694		1/4	119,733		1/4	104,769		1/4	89,794				
1/2	1/2	189,827	1/2	179,509		1/2	169,180		1/2	158,821		1/2	148,427		1/2	134,383		1/2	119,422		1/2	104,457		1/2	89,482				
3/4	3/4	189,615	3/4	179,294		3/4	168,965		3/4	158,605		3/4	148,196		3/4	134,071		3/4	119,110		3/4	104,144		3/4	89,170				
6	6	189,404	6	179,079		6	168,750		6	158,390		6	147,965		6	133,759		6	118,798		6	103,832		6	88,859				
1/4	1/4	189,192	1/4	178,863		1/4	168,534		1/4	158,174		1/4	147,734		1/4	133,448		1/4	118,486		1/4	103,520		1/4	88,547				
1/2	1/2	188,977	1/2	178,648		1/2	168,319		1/2	157,958		1/2	147,487		1/2	133,136		1/2	118,175		1/2	103,208		1/2	88,235				
3/4	3/4	188,762	3/4	178,433		3/4	168,104		3/4	157,742		3/4	147,239		3/4	132,824		3/4	117,863		3/4	102,896		3/4	87,923				
7	7	188,547	7	178,218		7	167,889		7	157,526		7	146,992		7	132,513		7	117,551		7	102,584		7	87,611				
1/4	1/4	188,332	1/4	178,003		1/4	167,674		1/4	157,310		1/4	146,745		1/4	132,201		1/4	117,240		1/4	102,272		1/4	87,299				
1/2	1/2	188,117	1/2	177,787		1/2	167,458		1/2	157,094		1/2	146,482		1/2	131,889		1/2	116,928		1/2	101,960		1/2	86,986				
3/4	3/4	187,902	3/4	177,572		3/4	167,243		3/4	156,878		3/4	146,219		3/4	131,577		3/4	116,616		3/4	101,648		3/4	86,674				
8	8	187,687	8	177,357		8	167,027		8	156,662		8	145,957		8	131,266		8	116,305		8	101,335		8	86,362				
1/4	1/4	187,471	1/4	177,142		1/4	166,811		1/4	156,446		1/4	145,694		1/4	130,954		1/4	115,993		1/4	101,023		1/4	86,050				
1/2	1/2	187,256	1/2	176,927		1/2	166,595		1/2	156,230		1/2	145,415		1/2	130,642		1/2	115,681		1/2	100,711		1/2	85,738				
3/4	3/4	187,041	3/4	176,711		3/4	166,380		3/4	156,014		3/4	145,137		3/4	130,331		3/4	115,370		3/4	100,399		3/4	85,426				
9	9	186,826	9	176,496		9	166,164		9	155,798		9	144,858		9	130,019		9	115,058		9	100,087		9	85,113				
1/4	1/4	186,610	1/4	176,281		1/4	165,948		1/4	155,582		1/4	144,580		1/4	129,707		1/4	114,746		1/4	99,775		1/4	84,801				
1/2	1/2	186,395	1/2	176,066		1/2	165,732		1/2	155,366		1/2	144,285		1/2	129,396		1/2	114,434		1/2	99,463		1/2	84,489				
3/4	3/4	186,180	3/4	175,851		3/4	165,516		3/4	155,150		3/4	143,991		3/4	129,084		3/4	114,123		3/4	99,151		3/4	84,177				
10	10	185,965	10	175,636		10	165,300		10	154,934		10	143,696		10	128,772		10	113,811		10	98,839		10	83,865				
1/4	1/4	185,749	1/4	175,420		1/4	165,084		1/4	154,718		1/4	143,401		1/4	128,461		1/4	113,499		1/4	98,527		1/4	83,553				
1/2	1/2	185,534	1/2	175,205		1/2	164,868		1/2	154,502		1/2	143,094		1/2	128,149		1/2	113,188		1/2	98,215		1/2	83,240				
3/4	3/4	185,319	3/4	174,990		3/4	164,652		3/4	154,287		3/4	142,787		3/4	127,837		3/4	112,876		3/4	97,903		3/4	82,928				
11	11	185,104	11	174,775		11	164,436		11	154,071		11	142,480		11	127,525		11	112,564		11	97,591		11	82,616				
1/4	1/4	184,889	1/4	174,560		1/4	164,220		1/4	153,855		1/4	142,173		1/4	127,214		1/4	112,253		1/4	97,279		1/4	82,304				
1/2	1/2	184,673	1/2	174,344		1/2	164,004		1/2	153,639		1/2	141,862		1/2	126,902		1/2	111,941		1/2	96,967		1/2	81,992				
3/4	3/4	184,458	3/4	174,129		3/4	163,788		3/4	153,423		3/4	141,551		3/4	126,590		3/4	111,629		3/4	96,655		3/4	81,680				

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
<http://www.pmacorp.net>



BARGE "HSM 3034"

3 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	81,367	0	66,456	0	51,716	0	37,146	0	22,186	0	7,194	0		0		0		0	
1/4	81,055	1/4	66,146	1/4	51,414	1/4	36,841	1/4	21,874	1/4	6,882	1/4		1/4		1/4		1/4	
1/2	80,743	1/2	65,835	1/2	51,112	1/2	36,533	1/2	21,562	1/2	6,569	1/2		1/2		1/2		1/2	
3/4	80,431	3/4	65,525	3/4	50,809	3/4	36,224	3/4	21,250	3/4	6,257	3/4		3/4		3/4		3/4	
1	80,119	1	65,215	1	50,507	1	35,916	1	20,938	1	5,944	1		1		1		1	
1/4	79,807	1/4	64,905	1/4	50,205	1/4	35,608	1/4	20,625	1/4	5,632	1/4		1/4		1/4		1/4	
1/2	79,494	1/2	64,595	1/2	49,902	1/2	35,297	1/2	20,313	1/2	5,320	1/2		1/2		1/2		1/2	
3/4	79,182	3/4	64,284	3/4	49,600	3/4	34,985	3/4	20,001	3/4	5,007	3/4		3/4		3/4		3/4	
2	78,870	2	63,974	2	49,298	2	34,673	2	19,689	2	4,695	2		2		2		2	
1/4	78,558	1/4	63,664	1/4	48,995	1/4	34,361	1/4	19,376	1/4	4,382	1/4		1/4		1/4		1/4	
1/2	78,247	1/2	63,353	1/2	48,693	1/2	34,049	1/2	19,064	1/2	4,071	1/2		1/2		1/2		1/2	
3/4	77,935	3/4	63,042	3/4	48,390	3/4	33,737	3/4	18,752	3/4	3,759	3/4		3/4		3/4		3/4	
3	77,624	3	62,731	3	48,088	3	33,425	3	18,440	3	3,447	3		3		3		3	
1/4	77,313	1/4	62,420	1/4	47,786	1/4	33,113	1/4	18,127	1/4	3,135	1/4		1/4		1/4		1/4	
1/2	77,003	1/2	62,108	1/2	47,484	1/2	32,800	1/2	17,815	1/2	2,843	1/2		1/2		1/2		1/2	
3/4	76,693	3/4	61,796	3/4	47,182	3/4	32,488	3/4	17,503	3/4	2,551	3/4		3/4		3/4		3/4	
4	76,382	4	61,484	4	46,880	4	32,176	4	17,191	4	2,258	4		4		4		4	
1/4	76,072	1/4	61,172	1/4	46,578	1/4	31,864	1/4	16,878	1/4	1,966	1/4		1/4		1/4		1/4	
1/2	75,762	1/2	60,861	1/2	46,276	1/2	31,551	1/2	16,566	1/2	1,731	1/2		1/2		1/2		1/2	
3/4	75,452	3/4	60,549	3/4	45,975	3/4	31,239	3/4	16,254	3/4	1,497	3/4		3/4		3/4		3/4	
5	75,142	5	60,237	5	45,673	5	30,927	5	15,942	5	1,262	5		5		5		5	
1/4	74,831	1/4	59,925	1/4	45,371	1/4	30,615	1/4	15,630	1/4	1,028	1/4		1/4		1/4		1/4	
1/2	74,521	1/2	59,616	1/2	45,068	1/2	30,303	1/2	15,317	1/2		1/2		1/2		1/2		1/2	
3/4	74,211	3/4	59,308	3/4	44,765	3/4	29,990	3/4	15,005	3/4		3/4		3/4		3/4		3/4	
6	73,901	6	58,999	6	44,462	6	29,678	6	14,693	6		6		6		6		6	
1/4	73,591	1/4	58,690	1/4	44,158	1/4	29,366	1/4	14,381	1/4		1/4		1/4		1/4		1/4	
1/2	73,280	1/2	58,385	1/2	43,853	1/2	29,054	1/2	14,068	1/2		1/2		1/2		1/2		1/2	
3/4	72,970	3/4	58,079	3/4	43,549	3/4	28,742	3/4	13,756	3/4		3/4		3/4		3/4		3/4	
7	72,660	7	57,773	7	43,244	7	28,430	7	13,444	7		7		7		7		7	
1/4	72,350	1/4	57,468	1/4	42,939	1/4	28,118	1/4	13,132	1/4		1/4		1/4		1/4		1/4	
1/2	72,040	1/2	57,164	1/2	42,634	1/2	27,806	1/2	12,819	1/2		1/2		1/2		1/2		1/2	
3/4	71,729	3/4	56,860	3/4	42,329	3/4	27,494	3/4	12,507	3/4		3/4		3/4		3/4		3/4	
8	71,419	8	56,556	8	42,024	8	27,182	8	12,195	8		8		8		8		8	
1/4	71,109	1/4	56,252	1/4	41,719	1/4	26,870	1/4	11,883	1/4		1/4		1/4		1/4		1/4	
1/2	70,799	1/2	55,950	1/2	41,414	1/2	26,558	1/2	11,570	1/2		1/2		1/2		1/2		1/2	
3/4	70,489	3/4	55,647	3/4	41,109	3/4	26,245	3/4	11,258	3/4		3/4		3/4		3/4		3/4	
9	70,178	9	55,345	9	40,804	9	25,933	9	10,945	9		9		9		9		9	
1/4	69,868	1/4	55,043	1/4	40,499	1/4	25,621	1/4	10,633	1/4		1/4		1/4		1/4		1/4	
1/2	69,558	1/2	54,740	1/2	40,195	1/2	25,309	1/2	10,320	1/2		1/2		1/2		1/2		1/2	
3/4	69,248	3/4	54,438	3/4	39,890	3/4	24,997	3/4	10,007	3/4		3/4		3/4		3/4		3/4	
10	68,938	10	54,135	10	39,585	10	24,684	10	9,695	10		10		10		10		10	
1/4	68,627	1/4	53,833	1/4	39,280	1/4	24,372	1/4	9,382	1/4		1/4		1/4		1/4		1/4	
1/2	68,317	1/2	53,531	1/2	38,975	1/2	24,060	1/2	9,069	1/2		1/2		1/2		1/2		1/2	
3/4	68,007	3/4	53,228	3/4	38,670	3/4	23,748	3/4	8,757	3/4		3/4		3/4		3/4		3/4	
11	67,697	11	52,926	11	38,365	11	23,435	11	8,444	11		11		11		11		11	
1/4	67,386	1/4	52,624	1/4	38,060	1/4	23,123	1/4	8,131	1/4		1/4		1/4		1/4		1/4	
1/2	67,076	1/2	52,321	1/2	37,755	1/2	22,811	1/2	7,819	1/2		1/2		1/2		1/2		1/2	
3/4	66,766	3/4	52,019	3/4	37,450	3/4	22,499	3/4	7,507	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/08/2020 CL
CALCULATED: 01/09/2020 CL
PRINTED: 01/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "HSM 3034"

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	109,522	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	152,166	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	151,950	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	151,734	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	151,518	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	151,302	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	151,086	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	150,869	3/4	137,339	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	150,653	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	150,434	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	150,214	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	149,995	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	149,775	5	135,777	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	149,544	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	149,312	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	149,081	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	148,850	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	148,603	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	148,355	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	148,108	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	103,264	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	102,952	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	102,639	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	102,326	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	102,013	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	101,700	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	101,387	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	101,074	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	100,761	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	100,448	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	100,135	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	99,822	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	99,509	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	99,196	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	98,883	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	98,570	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	98,257	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	97,944	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	97,631	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	97,318	3/4	82,295

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
<http://www.pmacorp.net>



BARGE "HSM 3034"

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: 01/08/2020 CL
CALCULATED: 01/09/2020 CL
PRINTED: 01/09/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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



BARGE "HSM 3034"

PORT SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 5'-07"

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

STRAPPED: 01/08/2020 CL
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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3034"

STBD SLOP TANK ULLAGE 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		0		0	4,209	0	3,054	0	1,901	0	746	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	4,113	1	2,958	1	1,804	1	650	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	577	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2		2		2	4,017	2	2,862	2	1,708	2	553	2		2		2		2	
1/4	1/4	1/4	1/4	1/4	5,117	1/4	3,993	1/4	2,838	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	5,105	1/2	3,969	1/2	2,814	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	5,070	3	3,921	3	2,766	3	457	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	4,975	4	3,824	4	2,669	4	361	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	4,881	5	3,728	5	2,573	5	265	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	4,786	6	3,632	6	2,478	6	168	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	4,691	7	3,536	7	2,382	7	1,227	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	4,594	8	3,439	8	2,286	8	1,131	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	4,498	9	3,343	9	2,189	9	1,035	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	4,402	10	3,247	10	2,093	10	938	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	4,306	11	3,151	11	1,997	11	842	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

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

STRAPPED: 01/08/2020 CL
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ALL PRIOR TO 01/2020

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