



BARGE "HSM 3036"

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"

January 22, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3036"

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	- 00-0/8	00-0/8	- 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-1/8	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 22, 2020

**PRECISION MEASUREMENT
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BARGE "HSM 3036"

1 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	0	0	199,642	0	184,657	0	169,655	0	154,626	0	139,597	0	124,568	0	109,538	0	94,504
1/4	1/4	1/4	1/4	1/4	199,330	1/4	184,345	1/4	169,342	1/4	154,313	1/4	139,284	1/4	124,254	1/4	109,225	1/4	94,190
1/2	1/2	1/2	1/2	1/2	199,018	1/2	184,032	1/2	169,029	1/2	154,000	1/2	138,971	1/2	123,941	1/2	108,912	1/2	93,877
3/4	3/4	3/4	3/4	3/4	198,706	3/4	183,720	3/4	168,716	3/4	153,687	3/4	138,657	3/4	123,628	3/4	108,599	3/4	93,564
1	1	1	1	1	198,393	1	183,408	1	168,403	1	153,373	1	138,344	1	123,315	1	108,286	1	93,251
1/4	1/4	1/4	1/4	1/4	198,081	1/4	183,096	1/4	168,090	1/4	153,060	1/4	138,031	1/4	123,002	1/4	107,973	1/4	92,937
1/2	1/2	1/2	1/2	1/2	197,769	1/2	182,784	1/2	167,776	1/2	152,747	1/2	137,718	1/2	122,689	1/2	107,660	1/2	92,624
3/4	3/4	3/4	3/4	3/4	197,457	3/4	182,471	3/4	167,463	3/4	152,434	3/4	137,405	3/4	122,376	3/4	107,346	3/4	92,311
2	2	2	2	2	211,079	2	197,145	2	182,159	2	167,150	2	152,121	2	137,092	2	122,063	2	107,033
1/4	1/4	1/4	1/4	1/4	210,899	1/4	196,832	1/4	181,847	1/4	166,837	1/4	151,808	1/4	136,779	1/4	121,750	1/4	106,720
1/2	1/2	1/2	1/2	1/2	210,719	1/2	196,520	1/2	181,535	1/2	166,524	1/2	151,495	1/2	136,466	1/2	121,437	1/2	106,407
3/4	3/4	3/4	3/4	3/4	210,540	3/4	196,208	3/4	181,223	3/4	166,211	3/4	151,182	3/4	136,153	3/4	121,123	3/4	106,094
3	3	3	3	3	210,360	3	195,896	3	180,910	3	165,898	3	150,869	3	135,839	3	120,810	3	105,780
1/4	1/4	1/4	1/4	1/4	210,128	1/4	195,584	1/4	180,598	1/4	165,585	1/4	150,556	1/4	135,526	1/4	120,497	1/4	105,467
1/2	1/2	1/2	1/2	1/2	209,896	1/2	195,271	1/2	180,286	1/2	165,272	1/2	150,242	1/2	135,213	1/2	120,184	1/2	105,154
3/4	3/4	3/4	3/4	3/4	209,664	3/4	194,959	3/4	179,974	3/4	164,958	3/4	149,929	3/4	134,900	3/4	119,871	3/4	104,841
4	4	4	4	4	209,432	4	194,647	4	179,662	4	164,645	4	149,616	4	134,587	4	119,558	4	104,527
1/4	1/4	1/4	1/4	1/4	209,152	1/4	194,335	1/4	179,350	1/4	164,332	1/4	149,303	1/4	134,274	1/4	119,245	1/4	104,214
1/2	1/2	1/2	1/2	1/2	208,872	1/2	194,023	1/2	179,037	1/2	164,019	1/2	148,990	1/2	133,961	1/2	118,932	1/2	103,901
3/4	3/4	3/4	3/4	3/4	208,591	3/4	193,710	3/4	178,725	3/4	163,706	3/4	148,677	3/4	133,648	3/4	118,619	3/4	103,588
5	5	5	5	5	208,311	5	193,398	5	178,413	5	163,393	5	148,364	5	133,335	5	118,305	5	103,274
1/4	1/4	1/4	1/4	1/4	208,005	1/4	193,086	1/4	178,101	1/4	163,080	1/4	148,051	1/4	133,021	1/4	117,992	1/4	102,961
1/2	1/2	1/2	1/2	1/2	207,699	1/2	192,774	1/2	177,789	1/2	162,767	1/2	147,738	1/2	132,708	1/2	117,679	1/2	102,648
3/4	3/4	3/4	3/4	3/4	207,393	3/4	192,462	3/4	177,476	3/4	162,454	3/4	147,424	3/4	132,395	3/4	117,366	3/4	102,335
6	6	6	6	6	207,087	6	192,149	6	177,164	6	162,140	6	147,111	6	132,082	6	117,053	6	102,021
1/4	1/4	1/4	1/4	1/4	206,777	1/4	191,837	1/4	176,852	1/4	161,827	1/4	146,798	1/4	131,769	1/4	116,740	1/4	101,708
1/2	1/2	1/2	1/2	1/2	206,468	1/2	191,525	1/2	176,540	1/2	161,514	1/2	146,485	1/2	131,456	1/2	116,427	1/2	101,395
3/4	3/4	3/4	3/4	3/4	206,158	3/4	191,213	3/4	176,228	3/4	161,201	3/4	146,172	3/4	131,143	3/4	116,114	3/4	101,082
7	7	7	7	7	205,848	7	190,901	7	175,915	7	160,888	7	145,859	7	130,830	7	115,801	7	100,768
1/4	1/4	1/4	1/4	1/4	205,538	1/4	190,589	1/4	175,603	1/4	160,575	1/4	145,546	1/4	130,517	1/4	115,487	1/4	100,455
1/2	1/2	1/2	1/2	1/2	205,228	1/2	190,276	1/2	175,290	1/2	160,262	1/2	145,233	1/2	130,204	1/2	115,174	1/2	100,142
3/4	3/4	3/4	3/4	3/4	204,918	3/4	189,964	3/4	174,977	3/4	159,949	3/4	144,920	3/4	129,890	3/4	114,861	3/4	99,829
8	8	8	8	8	204,608	8	189,652	8	174,665	8	159,636	8	144,606	8	129,577	8	114,548	8	99,515
1/4	1/4	1/4	1/4	1/4	204,298	1/4	189,340	1/4	174,352	1/4	159,323	1/4	144,293	1/4	129,264	1/4	114,235	1/4	99,202
1/2	1/2	1/2	1/2	1/2	203,988	1/2	189,028	1/2	174,039	1/2	159,009	1/2	143,980	1/2	128,951	1/2	113,922	1/2	98,889
3/4	3/4	3/4	3/4	3/4	203,677	3/4	188,715	3/4	173,725	3/4	158,696	3/4	143,667	3/4	128,638	3/4	113,609	3/4	98,576
9	9	9	9	9	203,367	9	188,403	9	173,412	9	158,383	9	143,354	9	128,325	9	113,296	9	98,262
1/4	1/4	1/4	1/4	1/4	203,057	1/4	188,091	1/4	173,099	1/4	158,070	1/4	143,041	1/4	128,012	1/4	112,983	1/4	97,949
1/2	1/2	1/2	1/2	1/2	202,747	1/2	187,779	1/2	172,786	1/2	157,757	1/2	142,728	1/2	127,699	1/2	112,670	1/2	97,636
3/4	3/4	3/4	3/4	3/4	202,437	3/4	187,467	3/4	172,473	3/4	157,444	3/4	142,415	3/4	127,386	3/4	112,356	3/4	97,323
10	10	10	10	10	202,127	10	187,154	10	172,160	10	157,131	10	142,102	10	127,072	10	112,043	10	97,010
1/4	1/4	1/4	1/4	1/4	201,817	1/4	186,842	1/4	171,847	1/4	156,818	1/4	141,789	1/4	126,759	1/4	111,730	1/4	96,696
1/2	1/2	1/2	1/2	1/2	201,507	1/2	186,530	1/2	171,534	1/2	156,505	1/2	141,475	1/2	126,446	1/2	111,417	1/2	96,383
3/4	3/4	3/4	3/4	3/4	201,197	3/4	186,218	3/4	171,221	3/4	156,191	3/4	141,162	3/4	126,133	3/4	111,104	3/4	96,070
11	11	11	11	11	200,887	11	185,906	11	170,908	11	155,878	11	140,849	11	125,820	11	110,791	11	95,757
1/4	1/4	1/4	1/4	1/4	200,576	1/4	185,593	1/4	170,594	1/4	155,565	1/4	140,536	1/4	125,507	1/4	110,478	1/4	95,443
1/2	1/2	1/2	1/2	1/2	200,264	1/2	185,281	1/2	170,281	1/2	155,252	1/2	140,223	1/2	125,194	1/2	110,165	1/2	95,130
3/4	3/4	3/4	3/4	3/4	199,953	3/4	184,969	3/4	169,968	3/4	154,939	3/4	139,910	3/4	124,881	3/4	109,852	3/4	94,817

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"

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	79,468	0	64,433	0	49,498	0	34,466	0	19,431	0	5,248	0		0		0		0	
1/4	79,155	1/4	64,121	1/4	49,186	1/4	34,153	1/4	19,118	1/4	4,977	1/4		1/4		1/4		1/4	
1/2	78,841	1/2	63,809	1/2	48,873	1/2	33,840	1/2	18,804	1/2	4,706	1/2		1/2		1/2		1/2	
3/4	78,528	3/4	63,497	3/4	48,561	3/4	33,526	3/4	18,491	3/4	4,435	3/4		3/4		3/4		3/4	
1	78,215	1	63,185	1	48,248	1	33,213	1	18,178	1	4,165	1		1		1		1	
1/4	77,902	1/4	62,874	1/4	47,935	1/4	32,900	1/4	17,866	1/4	3,898	1/4		1/4		1/4		1/4	
1/2	77,588	1/2	62,563	1/2	47,622	1/2	32,587	1/2	17,553	1/2	3,631	1/2		1/2		1/2		1/2	
3/4	77,275	3/4	62,252	3/4	47,309	3/4	32,273	3/4	17,241	3/4	3,365	3/4		3/4		3/4		3/4	
2	76,962	2	61,941	2	46,995	2	31,960	2	16,929	2	3,098	2		2		2		2	
1/4	76,649	1/4	61,630	1/4	46,682	1/4	31,647	1/4	16,619	1/4	2,836	1/4		1/4		1/4		1/4	
1/2	76,335	1/2	61,319	1/2	46,369	1/2	31,334	1/2	16,310	1/2	2,574	1/2		1/2		1/2		1/2	
3/4	76,022	3/4	61,008	3/4	46,056	3/4	31,021	3/4	16,001	3/4	2,311	3/4		3/4		3/4		3/4	
3	75,709	3	60,697	3	45,742	3	30,707	3	15,691	3	2,049	3		3		3		3	
1/4	75,396	1/4	60,386	1/4	45,429	1/4	30,394	1/4	15,386	1/4	1,810	1/4		1/4		1/4		1/4	
1/2	75,083	1/2	60,075	1/2	45,116	1/2	30,081	1/2	15,080	1/2	1,572	1/2		1/2		1/2		1/2	
3/4	74,769	3/4	59,765	3/4	44,803	3/4	29,768	3/4	14,775	3/4	1,333	3/4		3/4		3/4		3/4	
4	74,456	4	59,454	4	44,490	4	29,454	4	14,469	4	1,094	4		4		4		4	
1/4	74,143	1/4	59,143	1/4	44,176	1/4	29,141	1/4	14,168	1/4	917	1/4		1/4		1/4		1/4	
1/2	73,830	1/2	58,832	1/2	43,863	1/2	28,828	1/2	13,866	1/2	740	1/2		1/2		1/2		1/2	
3/4	73,516	3/4	58,521	3/4	43,550	3/4	28,515	3/4	13,564	3/4	563	3/4		3/4		3/4		3/4	
5	73,203	5	58,210	5	43,237	5	28,201	5	13,263	5	386	5		5		5		5	
1/4	72,890	1/4	57,899	1/4	42,923	1/4	27,888	1/4	12,965	1/4		1/4		1/4		1/4		1/4	
1/2	72,577	1/2	57,588	1/2	42,610	1/2	27,575	1/2	12,667	1/2		1/2		1/2		1/2		1/2	
3/4	72,263	3/4	57,278	3/4	42,297	3/4	27,262	3/4	12,369	3/4		3/4		3/4		3/4		3/4	
6	71,950	6	56,967	6	41,984	6	26,948	6	12,071	6		6		6		6		6	
1/4	71,637	1/4	56,656	1/4	41,670	1/4	26,635	1/4	11,777	1/4		1/4		1/4		1/4		1/4	
1/2	71,324	1/2	56,345	1/2	41,357	1/2	26,322	1/2	11,483	1/2		1/2		1/2		1/2		1/2	
3/4	71,010	3/4	56,034	3/4	41,044	3/4	26,009	3/4	11,190	3/4		3/4		3/4		3/4		3/4	
7	70,697	7	55,723	7	40,731	7	25,696	7	10,896	7		7		7		7		7	
1/4	70,384	1/4	55,412	1/4	40,418	1/4	25,382	1/4	10,605	1/4		1/4		1/4		1/4		1/4	
1/2	70,071	1/2	55,101	1/2	40,104	1/2	25,069	1/2	10,315	1/2		1/2		1/2		1/2		1/2	
3/4	69,757	3/4	54,791	3/4	39,791	3/4	24,756	3/4	10,025	3/4		3/4		3/4		3/4		3/4	
8	69,444	8	54,480	8	39,478	8	24,443	8	9,735	8		8		8		8		8	
1/4	69,131	1/4	54,169	1/4	39,165	1/4	24,129	1/4	9,449	1/4		1/4		1/4		1/4		1/4	
1/2	68,818	1/2	53,858	1/2	38,851	1/2	23,816	1/2	9,163	1/2		1/2		1/2		1/2		1/2	
3/4	68,504	3/4	53,547	3/4	38,538	3/4	23,503	3/4	8,876	3/4		3/4		3/4		3/4		3/4	
9	68,191	9	53,236	9	38,225	9	23,190	9	8,590	9		9		9		9		9	
1/4	67,878	1/4	52,925	1/4	37,912	1/4	22,876	1/4	8,308	1/4		1/4		1/4		1/4		1/4	
1/2	67,565	1/2	52,614	1/2	37,598	1/2	22,563	1/2	8,025	1/2		1/2		1/2		1/2		1/2	
3/4	67,251	3/4	52,303	3/4	37,285	3/4	22,250	3/4	7,743	3/4		3/4		3/4		3/4		3/4	
10	66,938	10	51,992	10	36,972	10	21,937	10	7,461	10		10		10		10		10	
1/4	66,625	1/4	51,680	1/4	36,659	1/4	21,624	1/4	7,182	1/4		1/4		1/4		1/4		1/4	
1/2	66,312	1/2	51,369	1/2	36,345	1/2	21,310	1/2	6,904	1/2		1/2		1/2		1/2		1/2	
3/4	65,998	3/4	51,057	3/4	36,032	3/4	20,997	3/4	6,625	3/4		3/4		3/4		3/4		3/4	
11	65,685	11	50,746	11	35,719	11	20,684	11	6,347	11		11		11		11		11	
1/4	65,372	1/4	50,434	1/4	35,406	1/4	20,371	1/4	6,072	1/4		1/4		1/4		1/4		1/4	
1/2	65,059	1/2	50,122	1/2	35,093	1/2	20,057	1/2	5,797	1/2		1/2		1/2		1/2		1/2	
3/4	64,746	3/4	49,810	3/4	34,779	3/4	19,744	3/4	5,523	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/21/2020 CL
CALCULATED: 01/22/2020 CL
PRINTED: 01/22/2020 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 3036"

1 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	199,615	0	184,639	0	169,646	0	154,627	0	139,607	0	124,587	0	109,567	0	94,542		
1/4	1/4	1/4	199,303	1/4	183,327	1/4	169,334	1/4	154,314	1/4	139,294	1/4	124,274	1/4	109,254	1/4	94,229		
1/2	1/2	1/2	198,991	1/2	184,015	1/2	169,021	1/2	154,001	1/2	138,981	1/2	123,961	1/2	108,941	1/2	93,916		
3/4	3/4	3/4	198,679	3/4	183,703	3/4	168,708	3/4	153,688	3/4	138,668	3/4	123,648	3/4	108,628	3/4	93,602		
1	1	1	198,367	1	183,391	1	168,395	1	153,375	1	138,355	1	123,335	1	108,315	1	93,289		
1/4	1/4	1/4	198,055	1/4	183,079	1/4	168,082	1/4	153,062	1/4	138,042	1/4	123,022	1/4	108,002	1/4	93,976		
1/2	1/2	1/2	197,743	1/2	182,767	1/2	167,769	1/2	152,749	1/2	137,729	1/2	122,709	1/2	107,689	1/2	92,663		
3/4	3/4	3/4	197,431	3/4	182,455	3/4	167,456	3/4	152,436	3/4	137,416	3/4	122,396	3/4	107,376	3/4	92,350		
2	2	2	211,045	2	197,119	2	182,143	2	167,143	2	152,123	2	137,103	2	122,083	2	107,063	2	92,037
1/4	1/4	1/4	210,865	1/4	196,807	1/4	181,831	1/4	166,830	1/4	151,810	1/4	136,790	1/4	121,771	1/4	106,750	1/4	91,724
1/2	1/2	1/2	210,686	1/2	196,495	1/2	181,519	1/2	166,517	1/2	151,497	1/2	136,477	1/2	121,458	1/2	106,437	1/2	91,411
3/4	3/4	3/4	210,506	3/4	196,183	3/4	181,207	3/4	166,204	3/4	151,184	3/4	136,164	3/4	121,145	3/4	106,124	3/4	91,098
3	3	3	210,326	3	195,871	3	180,895	3	165,892	3	150,872	3	135,852	3	120,832	3	105,811	3	90,785
1/4	1/4	1/4	210,095	1/4	195,559	1/4	180,583	1/4	165,579	1/4	150,559	1/4	135,539	1/4	120,519	1/4	105,498	1/4	90,472
1/2	1/2	1/2	209,863	1/2	195,247	1/2	180,271	1/2	165,266	1/2	150,246	1/2	135,226	1/2	120,206	1/2	105,185	1/2	90,159
3/4	3/4	3/4	209,631	3/4	194,935	3/4	179,959	3/4	164,953	3/4	149,933	3/4	134,913	3/4	119,893	3/4	104,872	3/4	89,846
4	4	4	209,400	4	194,623	4	179,647	4	164,640	4	149,620	4	134,600	4	119,580	4	104,559	4	89,533
1/4	1/4	1/4	209,119	1/4	194,311	1/4	179,335	1/4	164,327	1/4	149,307	1/4	134,287	1/4	119,267	1/4	104,246	1/4	89,220
1/2	1/2	1/2	208,839	1/2	193,999	1/2	179,023	1/2	164,014	1/2	148,994	1/2	133,974	1/2	118,954	1/2	103,933	1/2	88,907
3/4	3/4	3/4	208,559	3/4	193,687	3/4	178,711	3/4	163,701	3/4	148,681	3/4	133,661	3/4	118,641	3/4	103,620	3/4	88,594
5	5	5	208,279	5	193,375	5	178,399	5	163,388	5	148,368	5	133,348	5	118,329	5	103,307	5	88,281
1/4	1/4	1/4	207,973	1/4	193,063	1/4	178,087	1/4	163,075	1/4	148,055	1/4	133,035	1/4	118,016	1/4	102,994	1/4	87,968
1/2	1/2	1/2	207,667	1/2	192,751	1/2	177,775	1/2	162,762	1/2	147,742	1/2	132,722	1/2	117,703	1/2	102,681	1/2	87,655
3/4	3/4	3/4	207,362	3/4	192,439	3/4	177,463	3/4	162,449	3/4	147,429	3/4	132,410	3/4	117,390	3/4	102,368	3/4	87,342
6	6	6	207,056	6	192,127	6	177,151	6	162,137	6	147,117	6	132,097	6	117,077	6	102,055	6	87,028
1/4	1/4	1/4	206,746	1/4	191,815	1/4	176,839	1/4	161,824	1/4	146,804	1/4	131,784	1/4	116,764	1/4	101,742	1/4	86,715
1/2	1/2	1/2	206,437	1/2	191,503	1/2	176,527	1/2	161,511	1/2	146,491	1/2	131,471	1/2	116,451	1/2	101,429	1/2	86,402
3/4	3/4	3/4	206,127	3/4	191,191	3/4	176,215	3/4	161,198	3/4	146,178	3/4	131,158	3/4	116,138	3/4	101,116	3/4	86,089
7	7	7	205,818	7	190,879	7	175,903	7	160,885	7	145,865	7	130,845	7	115,825	7	100,803	7	85,776
1/4	1/4	1/4	205,508	1/4	190,567	1/4	175,591	1/4	160,572	1/4	145,552	1/4	130,532	1/4	115,512	1/4	100,489	1/4	85,463
1/2	1/2	1/2	205,198	1/2	190,255	1/2	175,278	1/2	160,259	1/2	145,239	1/2	130,219	1/2	115,199	1/2	100,176	1/2	85,150
3/4	3/4	3/4	204,888	3/4	189,943	3/4	174,966	3/4	159,946	3/4	144,926	3/4	129,906	3/4	114,887	3/4	99,863	3/4	84,837
8	8	8	204,578	8	189,631	8	174,653	8	159,633	8	144,613	8	129,593	8	114,574	8	99,550	8	84,524
1/4	1/4	1/4	204,268	1/4	189,319	1/4	174,340	1/4	159,320	1/4	144,300	1/4	129,280	1/4	114,261	1/4	99,237	1/4	84,211
1/2	1/2	1/2	203,958	1/2	189,007	1/2	174,027	1/2	159,007	1/2	143,987	1/2	128,968	1/2	113,948	1/2	98,924	1/2	83,898
3/4	3/4	3/4	203,648	3/4	188,695	3/4	173,714	3/4	158,694	3/4	143,674	3/4	128,655	3/4	113,635	3/4	98,611	3/4	83,585
9	9	9	203,338	9	188,383	9	173,401	9	158,382	9	143,362	9	128,342	9	113,322	9	98,298	9	83,272
1/4	1/4	1/4	203,028	1/4	188,071	1/4	173,089	1/4	158,069	1/4	143,049	1/4	128,029	1/4	113,009	1/4	97,985	1/4	82,959
1/2	1/2	1/2	202,718	1/2	187,759	1/2	172,776	1/2	157,756	1/2	142,736	1/2	127,716	1/2	112,696	1/2	97,672	1/2	82,646
3/4	3/4	3/4	202,408	3/4	187,447	3/4	172,463	3/4	157,443	3/4	142,423	3/4	127,403	3/4	112,383	3/4	97,359	3/4	82,333
10	10	10	202,098	10	187,135	10	172,150	10	157,130	10	142,110	10	127,090	10	112,070	10	97,046	10	82,020
1/4	1/4	1/4	201,789	1/4	186,823	1/4	171,837	1/4	156,817	1/4	141,797	1/4	126,777	1/4	111,757	1/4	96,733	1/4	81,707
1/2	1/2	1/2	201,479	1/2	186,511	1/2	171,524	1/2	156,504	1/2	141,484	1/2	126,464	1/2	111,444	1/2	96,420	1/2	81,394
3/4	3/4	3/4	201,169	3/4	186,199	3/4	171,211	3/4	156,191	3/4	141,171	3/4	126,151	3/4	111,132	3/4	96,107	3/4	81,081
11	11	11	200,859	11	185,887	11	170,898	11	155,878	11	140,858	11	125,838	11	110,819	11	95,794	11	80,768
1/4	1/4	1/4	200,548	1/4	185,575	1/4	170,585	1/4	155,565	1/4	140,545	1/4	125,525	1/4	110,506	1/4	95,481	1/4	80,455
1/2	1/2	1/2	200,237	1/2	185,263	1/2	170,272	1/2	155,252	1/2	140,232	1/2	125,213	1/2	110,193	1/2	95,168	1/2	80,141
3/4	3/4	3/4	199,926	3/4	184,951	3/4	169,959	3/4	154,939	3/4	139,919	3/4	124,900	3/4	109,880	3/4	94,855	3/4	79,828

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 3036"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/21/2020 CL
CALCULATED: 01/22/2020 CL
PRINTED: 01/22/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

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BARGE "HSM 3036"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	202,589	0	187,548	0	172,487	0	157,391	0	142,295	0	127,200	0	112,104	0	97,002
1/4		1/4		1/4	202,277	1/4	187,235	1/4	172,172	1/4	157,077	1/4	141,981	1/4	126,885	1/4	111,790	1/4	96,688
1/2		1/2		1/2	201,966	1/2	186,921	1/2	171,858	1/2	156,762	1/2	141,666	1/2	126,571	1/2	111,475	1/2	96,373
3/4		3/4		3/4	201,652	3/4	186,608	3/4	171,543	3/4	156,448	3/4	141,352	3/4	126,256	3/4	111,161	3/4	96,058
1	1	1	1	1	201,339	1	186,294	1	171,229	1	156,133	1	141,037	1	125,942	1	110,846	1	95,744
1/4		1/4		1/4	201,025	1/4	185,981	1/4	170,914	1/4	155,819	1/4	140,723	1/4	125,627	1/4	110,532	1/4	95,429
1/2		1/2		1/2	200,712	1/2	185,668	1/2	170,600	1/2	155,504	1/2	140,408	1/2	125,313	1/2	110,217	1/2	95,114
3/4		3/4		3/4	200,398	3/4	185,354	3/4	170,285	3/4	155,190	3/4	140,094	3/4	124,998	3/4	109,903	3/4	94,800
2	2	2	2	2	200,085	2	185,041	2	169,971	2	154,875	2	139,779	2	124,684	2	109,588	2	94,485
1/4		1/4		1/4	199,772	1/4	184,727	1/4	169,656	1/4	154,561	1/4	139,465	1/4	124,369	1/4	109,274	1/4	94,170
1/2		1/2		1/2	213,411	1/2	199,458	1/2	184,414	1/2	169,342	1/2	154,246	1/2	139,150	1/2	124,055	1/2	93,856
3/4		3/4		3/4	213,232	3/4	199,145	3/4	184,100	3/4	169,027	3/4	153,932	3/4	138,836	3/4	123,740	3/4	93,541
3	3	3	3	3	213,052	3	198,831	3	183,787	3	168,713	3	153,617	3	138,522	3	123,426	3	93,226
1/4		1/4		1/4	212,873	1/4	198,518	1/4	183,474	1/4	168,398	1/4	153,303	1/4	138,207	1/4	123,111	1/4	92,912
1/2		1/2		1/2	212,693	1/2	198,205	1/2	183,160	1/2	168,084	1/2	152,988	1/2	137,893	1/2	122,797	1/2	92,597
3/4		3/4		3/4	212,462	3/4	197,891	3/4	182,847	3/4	167,769	3/4	152,674	3/4	137,578	3/4	122,482	3/4	92,283
4	4	4	4	4	212,230	4	197,578	4	182,533	4	167,455	4	152,359	4	137,264	4	122,168	4	91,968
1/4		1/4		1/4	211,998	1/4	197,264	1/4	182,220	1/4	167,140	1/4	152,045	1/4	136,949	1/4	121,853	1/4	91,653
1/2		1/2		1/2	211,766	1/2	196,951	1/2	181,906	1/2	166,826	1/2	151,730	1/2	136,635	1/2	121,539	1/2	91,339
3/4		3/4		3/4	211,486	3/4	196,637	3/4	181,593	3/4	166,511	3/4	151,416	3/4	136,320	3/4	121,224	3/4	91,024
5	5	5	5	5	211,205	5	196,324	5	181,280	5	166,197	5	151,101	5	136,006	5	120,910	5	90,709
1/4		1/4		1/4	210,925	1/4	196,011	1/4	180,966	1/4	165,882	1/4	150,787	1/4	135,691	1/4	120,595	1/4	90,395
1/2		1/2		1/2	210,644	1/2	195,697	1/2	180,653	1/2	165,568	1/2	150,472	1/2	135,377	1/2	120,281	1/2	90,080
3/4		3/4		3/4	210,338	3/4	195,384	3/4	180,339	3/4	165,253	3/4	150,158	3/4	135,062	3/4	119,966	3/4	89,765
6	6	6	6	6	210,032	6	195,070	6	180,026	6	164,939	6	149,843	6	134,748	6	119,652	6	89,451
1/4		1/4		1/4	209,726	1/4	194,757	1/4	179,712	1/4	164,624	1/4	149,529	1/4	134,433	1/4	119,338	1/4	89,136
1/2		1/2		1/2	209,419	1/2	194,443	1/2	179,399	1/2	164,310	1/2	149,214	1/2	134,119	1/2	119,023	1/2	88,821
3/4		3/4		3/4	209,109	3/4	194,130	3/4	179,086	3/4	163,995	3/4	148,900	3/4	133,804	3/4	118,709	3/4	88,507
7	7	7	7	7	208,799	7	193,817	7	178,772	7	163,681	7	148,585	7	133,490	7	118,394	7	88,192
1/4		1/4		1/4	208,489	1/4	193,503	1/4	178,459	1/4	163,366	1/4	148,271	1/4	133,175	1/4	118,080	1/4	87,877
1/2		1/2		1/2	208,179	1/2	193,190	1/2	178,145	1/2	163,052	1/2	147,956	1/2	132,861	1/2	117,765	1/2	87,563
3/4		3/4		3/4	207,869	3/4	192,876	3/4	177,831	3/4	162,737	3/4	147,642	3/4	132,546	3/4	117,451	3/4	87,248
8	8	8	8	8	207,559	8	192,563	8	177,517	8	162,423	8	147,327	8	132,232	8	117,136	8	86,933
1/4		1/4		1/4	207,248	1/4	192,249	1/4	177,203	1/4	162,108	1/4	147,013	1/4	131,917	1/4	116,822	1/4	86,619
1/2		1/2		1/2	206,938	1/2	191,936	1/2	176,890	1/2	161,794	1/2	146,698	1/2	131,603	1/2	116,507	1/2	86,304
3/4		3/4		3/4	206,627	3/4	191,623	3/4	176,575	3/4	161,479	3/4	146,384	3/4	131,288	3/4	116,193	3/4	85,990
9	9	9	9	9	206,317	9	191,309	9	176,261	9	161,165	9	146,069	9	130,974	9	115,878	9	85,675
1/4		1/4		1/4	206,006	1/4	190,996	1/4	175,946	1/4	160,850	1/4	145,755	1/4	130,659	1/4	115,564	1/4	85,360
1/2		1/2		1/2	205,696	1/2	190,682	1/2	175,632	1/2	160,536	1/2	145,440	1/2	130,345	1/2	115,249	1/2	85,046
3/4		3/4		3/4	205,386	3/4	190,369	3/4	175,317	3/4	160,221	3/4	145,126	3/4	130,030	3/4	114,935	3/4	84,731
10	10	10	10	10	205,075	10	190,055	10	175,003	10	159,907	10	144,811	10	129,716	10	114,620	10	84,416
1/4		1/4		1/4	204,765	1/4	189,742	1/4	174,688	1/4	159,592	1/4	144,497	1/4	129,401	1/4	114,306	1/4	84,102
1/2		1/2		1/2	204,454	1/2	189,429	1/2	174,374	1/2	159,278	1/2	144,182	1/2	129,087	1/2	113,991	1/2	83,787
3/4		3/4		3/4	204,144	3/4	189,115	3/4	174,059	3/4	158,963	3/4	143,868	3/4	128,772	3/4	113,677	3/4	83,472
11	11	11	11	11	203,834	11	188,802	11	173,745	11	158,649	11	143,553	11	128,458	11	113,362	11	83,158
1/4		1/4		1/4	203,523	1/4	188,488	1/4	173,430	1/4	158,334	1/4	143,239	1/4	128,143	1/4	113,048	1/4	82,843
1/2		1/2		1/2	203,213	1/2	188,175	1/2	173,116	1/2	158,020	1/2	142,924	1/2	127,829	1/2	112,733	1/2	82,528
3/4		3/4		3/4	202,901	3/4	187,862	3/4	172,801	3/4	157,706	3/4	142,610	3/4	127,514	3/4	112,419	3/4	82,214

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 3036"

2 PORT 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	81,899	0	66,796	0	52,212	0	37,711	0	22,657	0	7,555	0		0		0		0	
1/4	81,584	1/4	66,481	1/4	51,909	1/4	37,408	1/4	22,343	1/4	7,240	1/4		1/4		1/4		1/4	
1/2	81,270	1/2	66,167	1/2	51,606	1/2	37,105	1/2	22,028	1/2	6,925	1/2		1/2		1/2		1/2	
3/4	80,955	3/4	65,858	3/4	51,304	3/4	36,796	3/4	21,713	3/4	6,611	3/4		3/4		3/4		3/4	
1	80,640	1	65,549	1	51,001	1	36,487	1	21,399	1	6,296	1		1		1		1	
1/4	80,326	1/4	65,240	1/4	50,699	1/4	36,179	1/4	21,084	1/4	5,981	1/4		1/4		1/4		1/4	
1/2	80,011	1/2	64,932	1/2	50,396	1/2	35,870	1/2	20,769	1/2	5,667	1/2		1/2		1/2		1/2	
3/4	79,697	3/4	64,629	3/4	50,094	3/4	35,555	3/4	20,455	3/4	5,352	3/4		3/4		3/4		3/4	
2	79,382	2	64,326	2	49,792	2	35,241	2	20,140	2	5,038	2		2		2		2	
1/4	79,067	1/4	64,023	1/4	49,490	1/4	34,926	1/4	19,826	1/4	4,724	1/4		1/4		1/4		1/4	
1/2	78,753	1/2	63,720	1/2	49,187	1/2	34,611	1/2	19,511	1/2	4,409	1/2		1/2		1/2		1/2	
3/4	78,438	3/4	63,417	3/4	48,885	3/4	34,297	3/4	19,196	3/4	4,096	3/4		3/4		3/4		3/4	
3	78,123	3	63,114	3	48,583	3	33,982	3	18,882	3	3,782	3		3		3		3	
1/4	77,809	1/4	62,812	1/4	48,281	1/4	33,667	1/4	18,567	1/4	3,468	1/4		1/4		1/4		1/4	
1/2	77,494	1/2	62,509	1/2	47,979	1/2	33,353	1/2	18,252	1/2	3,155	1/2		1/2		1/2		1/2	
3/4	77,179	3/4	62,206	3/4	47,677	3/4	33,038	3/4	17,938	3/4	2,860	3/4		3/4		3/4		3/4	
4	76,865	4	61,903	4	47,375	4	32,723	4	17,623	4	2,566	4		4		4		4	
1/4	76,550	1/4	61,600	1/4	47,074	1/4	32,409	1/4	17,308	1/4	2,272	1/4		1/4		1/4		1/4	
1/2	76,235	1/2	61,297	1/2	46,772	1/2	32,094	1/2	16,994	1/2	1,978	1/2		1/2		1/2		1/2	
3/4	75,921	3/4	60,994	3/4	46,470	3/4	31,780	3/4	16,679	3/4	1,742	3/4		3/4		3/4		3/4	
5	75,606	5	60,692	5	46,168	5	31,465	5	16,364	5	1,506	5		5		5		5	
1/4	75,291	1/4	60,389	1/4	45,866	1/4	31,150	1/4	16,050	1/4	1,270	1/4		1/4		1/4		1/4	
1/2	74,977	1/2	60,086	1/2	45,564	1/2	30,836	1/2	15,735	1/2	1,034	1/2		1/2		1/2		1/2	
3/4	74,662	3/4	59,783	3/4	45,262	3/4	30,521	3/4	15,421	3/4		3/4		3/4		3/4		3/4	
6	74,347	6	59,480	6	44,960	6	30,206	6	15,106	6		6		6		6		6	
1/4	74,033	1/4	59,177	1/4	44,658	1/4	29,892	1/4	14,791	1/4		1/4		1/4		1/4		1/4	
1/2	73,718	1/2	58,875	1/2	44,356	1/2	29,577	1/2	14,477	1/2		1/2		1/2		1/2		1/2	
3/4	73,404	3/4	58,572	3/4	44,054	3/4	29,263	3/4	14,162	3/4		3/4		3/4		3/4		3/4	
7	73,089	7	58,269	7	43,753	7	28,949	7	13,847	7		7		7		7		7	
1/4	72,774	1/4	57,966	1/4	43,451	1/4	28,634	1/4	13,533	1/4		1/4		1/4		1/4		1/4	
1/2	72,460	1/2	57,663	1/2	43,149	1/2	28,320	1/2	13,218	1/2		1/2		1/2		1/2		1/2	
3/4	72,145	3/4	57,360	3/4	42,847	3/4	28,005	3/4	12,903	3/4		3/4		3/4		3/4		3/4	
8	71,830	8	57,057	8	42,545	8	27,691	8	12,589	8		8		8		8		8	
1/4	71,516	1/4	56,755	1/4	42,243	1/4	27,376	1/4	12,274	1/4		1/4		1/4		1/4		1/4	
1/2	71,201	1/2	56,452	1/2	41,941	1/2	27,062	1/2	11,960	1/2		1/2		1/2		1/2		1/2	
3/4	70,886	3/4	56,149	3/4	41,639	3/4	26,747	3/4	11,645	3/4		3/4		3/4		3/4		3/4	
9	70,572	9	55,846	9	41,337	9	26,433	9	11,330	9		9		9		9		9	
1/4	70,257	1/4	55,543	1/4	41,035	1/4	26,118	1/4	11,016	1/4		1/4		1/4		1/4		1/4	
1/2	69,942	1/2	55,240	1/2	40,733	1/2	25,804	1/2	10,701	1/2		1/2		1/2		1/2		1/2	
3/4	69,628	3/4	54,937	3/4	40,431	3/4	25,489	3/4	10,386	3/4		3/4		3/4		3/4		3/4	
10	69,313	10	54,635	10	40,130	10	25,174	10	10,072	10		10		10		10		10	
1/4	68,998	1/4	54,332	1/4	39,828	1/4	24,860	1/4	9,757	1/4		1/4		1/4		1/4		1/4	
1/2	68,684	1/2	54,029	1/2	39,526	1/2	24,545	1/2	9,442	1/2		1/2		1/2		1/2		1/2	
3/4	68,369	3/4	53,726	3/4	39,223	3/4	24,230	3/4	9,128	3/4		3/4		3/4		3/4		3/4	
11	68,054	11	53,423	11	38,921	11	23,916	11	8,813	11		11		11		11		11	
1/4	67,740	1/4	53,120	1/4	38,619	1/4	23,601	1/4	8,498	1/4		1/4		1/4		1/4		1/4	
1/2	67,425	1/2	52,817	1/2	38,316	1/2	23,287	1/2	8,184	1/2		1/2		1/2		1/2		1/2	
3/4	67,111	3/4	52,515	3/4	38,013	3/4	22,972	3/4	7,869	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/21/2020 CL
CALCULATED: 01/22/2020 CL
PRINTED: 01/22/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3036"

2 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	82,728	0	67,623	0	52,518	0	37,449	0	22,346	0	7,241	0		0		0		0	
1/4	82,414	1/4	67,309	1/4	52,204	1/4	37,134	1/4	22,031	1/4	6,926	1/4		0		0		0	1/4
1/2	82,099	1/2	66,994	1/2	51,889	1/2	36,819	1/2	21,717	1/2	6,612	1/2		1/2		1/2		1/2	1/2
3/4	81,784	3/4	66,679	3/4	51,575	3/4	36,505	3/4	21,402	3/4	6,297	3/4		3/4		3/4		3/4	3/4
1	81,469	1	66,364	1	51,261	1	36,190	1	21,087	1	5,982	1		1		1		1	1
1/4	81,155	1/4	66,050	1/4	50,946	1/4	35,875	1/4	20,773	1/4	5,668	1/4		1/4		1/4		1/4	1/4
1/2	80,840	1/2	65,735	1/2	50,632	1/2	35,561	1/2	20,458	1/2	5,353	1/2		1/2		1/2		1/2	1/2
3/4	80,525	3/4	65,420	3/4	50,318	3/4	35,246	3/4	20,143	3/4	5,039	3/4		3/4		3/4		3/4	3/4
2	80,211	2	65,106	2	50,004	2	34,931	2	19,829	2	4,725	2		2		2		2	2
1/4	79,896	1/4	64,791	1/4	49,690	1/4	34,617	1/4	19,514	1/4	4,410	1/4		1/4		1/4		1/4	1/4
1/2	79,581	1/2	64,476	1/2	49,376	1/2	34,302	1/2	19,199	1/2	4,096	1/2		1/2		1/2		1/2	1/2
3/4	79,267	3/4	64,162	3/4	49,063	3/4	33,987	3/4	18,885	3/4	3,783	3/4		3/4		3/4		3/4	3/4
3	78,952	3	63,847	3	48,749	3	33,672	3	18,570	3	3,469	3		3		3		3	3
1/4	78,637	1/4	63,532	1/4	48,435	1/4	33,358	1/4	18,255	1/4	3,155	1/4		1/4		1/4		1/4	1/4
1/2	78,323	1/2	63,218	1/2	48,121	1/2	33,043	1/2	17,940	1/2	2,861	1/2		1/2		1/2		1/2	1/2
3/4	78,008	3/4	62,903	3/4	47,807	3/4	32,728	3/4	17,626	3/4	2,567	3/4		3/4		3/4		3/4	3/4
4	77,693	4	62,588	4	47,494	4	32,414	4	17,311	4	2,273	4		4		4		4	4
1/4	77,379	1/4	62,274	1/4	47,180	1/4	32,099	1/4	16,996	1/4	1,978	1/4		1/4		1/4		1/4	1/4
1/2	77,064	1/2	61,959	1/2	46,866	1/2	31,784	1/2	16,682	1/2	1,742	1/2		1/2		1/2		1/2	1/2
3/4	76,749	3/4	61,644	3/4	46,552	3/4	31,470	3/4	16,367	3/4	1,506	3/4		3/4		3/4		3/4	3/4
5	76,434	5	61,329	5	46,239	5	31,155	5	16,052	5	1,270	5		5		5		5	5
1/4	76,120	1/4	61,015	1/4	45,925	1/4	30,840	1/4	15,738	1/4	1,034	1/4		1/4		1/4		1/4	1/4
1/2	75,805	1/2	60,700	1/2	45,611	1/2	30,526	1/2	15,423	1/2		1/2		1/2		1/2		1/2	1/2
3/4	75,490	3/4	60,385	3/4	45,297	3/4	30,211	3/4	15,108	3/4		3/4		3/4		3/4		3/4	3/4
6	75,176	6	60,071	6	44,984	6	29,896	6	14,794	6		6		6		6		6	6
1/4	74,861	1/4	59,756	1/4	44,670	1/4	29,582	1/4	14,479	1/4		1/4		1/4		1/4		1/4	1/4
1/2	74,546	1/2	59,441	1/2	44,356	1/2	29,267	1/2	14,164	1/2		1/2		1/2		1/2		1/2	1/2
3/4	74,232	3/4	59,127	3/4	44,042	3/4	28,953	3/4	13,850	3/4		3/4		3/4		3/4		3/4	3/4
7	73,917	7	58,812	7	43,728	7	28,638	7	13,535	7		7		7		7		7	7
1/4	73,602	1/4	58,497	1/4	43,415	1/4	28,324	1/4	13,220	1/4		1/4		1/4		1/4		1/4	1/4
1/2	73,288	1/2	58,183	1/2	43,101	1/2	28,009	1/2	12,905	1/2		1/2		1/2		1/2		1/2	1/2
3/4	72,973	3/4	57,868	3/4	42,787	3/4	27,695	3/4	12,591	3/4		3/4		3/4		3/4		3/4	3/4
8	72,658	8	57,553	8	42,473	8	27,381	8	12,276	8		8		8		8		8	8
1/4	72,344	1/4	57,239	1/4	42,160	1/4	27,066	1/4	11,961	1/4		1/4		1/4		1/4		1/4	1/4
1/2	72,029	1/2	56,924	1/2	41,846	1/2	26,751	1/2	11,647	1/2		1/2		1/2		1/2		1/2	1/2
3/4	71,714	3/4	56,609	3/4	41,532	3/4	26,437	3/4	11,332	3/4		3/4		3/4		3/4		3/4	3/4
9	71,399	9	56,294	9	41,218	9	26,122	9	11,017	9		9		9		9		9	9
1/4	71,085	1/4	55,980	1/4	40,905	1/4	25,808	1/4	10,703	1/4		1/4		1/4		1/4		1/4	1/4
1/2	70,770	1/2	55,665	1/2	40,591	1/2	25,493	1/2	10,388	1/2		1/2		1/2		1/2		1/2	1/2
3/4	70,455	3/4	55,350	3/4	40,277	3/4	25,178	3/4	10,073	3/4		3/4		3/4		3/4		3/4	3/4
10	70,141	10	55,036	10	39,963	10	24,864	10	9,759	10		10		10		10		10	10
1/4	69,826	1/4	54,721	1/4	39,650	1/4	24,549	1/4	9,444	1/4		1/4		1/4		1/4		1/4	1/4
1/2	69,511	1/2	54,406	1/2	39,335	1/2	24,234	1/2	9,129	1/2		1/2		1/2		1/2		1/2	1/2
3/4	69,197	3/4	54,092	3/4	39,021	3/4	23,920	3/4	8,815	3/4		3/4		3/4		3/4		3/4	3/4
11	68,882	11	53,777	11	38,707	11	23,605	11	8,500	11		11		11		11		11	11
1/4	68,567	1/4	53,462	1/4	38,393	1/4	23,290	1/4	8,185	1/4		1/4		1/4		1/4		1/4	1/4
1/2	68,253	1/2	53,148	1/2	38,078	1/2	22,975	1/2	7,871	1/2		1/2		1/2		1/2		1/2	1/2
3/4	67,938	3/4	52,833	3/4	37,763	3/4	22,661	3/4	7,556	3/4		3/4		3/4		3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/21/2020 CL
CALCULATED: 01/22/2020 CL
PRINTED: 01/22/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3036"

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	81,267	0	66,374	0	51,653	0	37,100	0	22,159	0	7,185	0		0		0		0	
1/4	80,955	1/4	66,064	1/4	51,351	1/4	36,795	1/4	21,847	1/4	6,873	1/4			1/4		1/4		1/4
1/2	80,644	1/2	65,754	1/2	51,049	1/2	36,488	1/2	21,535	1/2	6,561	1/2			1/2		1/2		1/2
3/4	80,332	3/4	65,444	3/4	50,747	3/4	36,180	3/4	21,224	3/4	6,249	3/4			3/4		3/4		3/4
1	80,020	1	65,135	1	50,445	1	35,872	1	20,912	1	5,937	1			1		1		1
1/4	79,708	1/4	64,825	1/4	50,143	1/4	35,564	1/4	20,600	1/4	5,625	1/4			1/4		1/4		1/4
1/2	79,396	1/2	64,515	1/2	49,841	1/2	35,253	1/2	20,288	1/2	5,313	1/2			1/2		1/2		1/2
3/4	79,085	3/4	64,205	3/4	49,539	3/4	34,942	3/4	19,976	3/4	5,001	3/4			3/4		3/4		3/4
2	78,773	2	63,895	2	49,237	2	34,630	2	19,664	2	4,689	2			2		2		2
1/4	78,461	1/4	63,586	1/4	48,935	1/4	34,319	1/4	19,352	1/4	4,377	1/4			1/4		1/4		1/4
1/2	78,150	1/2	63,275	1/2	48,633	1/2	34,007	1/2	19,041	1/2	4,066	1/2			1/2		1/2		1/2
3/4	77,839	3/4	62,964	3/4	48,331	3/4	33,695	3/4	18,729	3/4	3,754	3/4			3/4		3/4		3/4
3	77,529	3	62,654	3	48,029	3	33,384	3	18,417	3	3,443	3			3		3		3
1/4	77,218	1/4	62,343	1/4	47,727	1/4	33,072	1/4	18,105	1/4	3,132	1/4			1/4		1/4		1/4
1/2	76,908	1/2	62,031	1/2	47,425	1/2	32,760	1/2	17,793	1/2	2,840	1/2			1/2		1/2		1/2
3/4	76,598	3/4	61,720	3/4	47,124	3/4	32,448	3/4	17,481	3/4	2,548	3/4			3/4		3/4		3/4
4	76,288	4	61,408	4	46,822	4	32,136	4	17,170	4	2,256	4			4		4		4
1/4	75,978	1/4	61,097	1/4	46,520	1/4	31,824	1/4	16,858	1/4	1,963	1/4			1/4		1/4		1/4
1/2	75,669	1/2	60,786	1/2	46,219	1/2	31,513	1/2	16,546	1/2	1,729	1/2			1/2		1/2		1/2
3/4	75,359	3/4	60,474	3/4	45,918	3/4	31,201	3/4	16,234	3/4	1,495	3/4			3/4		3/4		3/4
5	75,049	5	60,163	5	45,617	5	30,889	5	15,922	5	1,261	5			5		5		5
1/4	74,739	1/4	59,851	1/4	45,315	1/4	30,577	1/4	15,610	1/4	1,027	1/4			1/4		1/4		1/4
1/2	74,429	1/2	59,543	1/2	45,013	1/2	30,265	1/2	15,298	1/2		1/2			1/2		1/2		1/2
3/4	74,120	3/4	59,234	3/4	44,710	3/4	29,953	3/4	14,987	3/4		3/4			3/4		3/4		3/4
6	73,810	6	58,926	6	44,407	6	29,642	6	14,675	6		6			6		6		6
1/4	73,500	1/4	58,618	1/4	44,104	1/4	29,330	1/4	14,363	1/4		1/4			1/4		1/4		1/4
1/2	73,190	1/2	58,313	1/2	43,799	1/2	29,018	1/2	14,051	1/2		1/2			1/2		1/2		1/2
3/4	72,880	3/4	58,007	3/4	43,495	3/4	28,707	3/4	13,739	3/4		3/4			3/4		3/4		3/4
7	72,570	7	57,702	7	43,190	7	28,395	7	13,427	7		7			7		7		7
1/4	72,261	1/4	57,397	1/4	42,886	1/4	28,083	1/4	13,115	1/4		1/4			1/4		1/4		1/4
1/2	71,951	1/2	57,093	1/2	42,581	1/2	27,772	1/2	12,804	1/2		1/2			1/2		1/2		1/2
3/4	71,641	3/4	56,790	3/4	42,277	3/4	27,460	3/4	12,492	3/4		3/4			3/4		3/4		3/4
8	71,331	8	56,486	8	41,972	8	27,148	8	12,180	8		8			8		8		8
1/4	71,021	1/4	56,183	1/4	41,668	1/4	26,837	1/4	11,868	1/4		1/4			1/4		1/4		1/4
1/2	70,711	1/2	55,881	1/2	41,363	1/2	26,525	1/2	11,556	1/2		1/2			1/2		1/2		1/2
3/4	70,402	3/4	55,579	3/4	41,059	3/4	26,213	3/4	11,244	3/4		3/4			3/4		3/4		3/4
9	70,092	9	55,277	9	40,754	9	25,901	9	10,932	9		9			9		9		9
1/4	69,782	1/4	54,975	1/4	40,450	1/4	25,589	1/4	10,620	1/4		1/4			1/4		1/4		1/4
1/2	69,472	1/2	54,673	1/2	40,145	1/2	25,278	1/2	10,307	1/2		1/2			1/2		1/2		1/2
3/4	69,162	3/4	54,371	3/4	39,841	3/4	24,966	3/4	9,995	3/4		3/4			3/4		3/4		3/4
10	68,853	10	54,069	10	39,536	10	24,654	10	9,683	10		10			10		10		10
1/4	68,543	1/4	53,767	1/4	39,231	1/4	24,342	1/4	9,370	1/4		1/4			1/4		1/4		1/4
1/2	68,233	1/2	53,465	1/2	38,927	1/2	24,030	1/2	9,058	1/2		1/2			1/2		1/2		1/2
3/4	67,923	3/4	53,163	3/4	38,622	3/4	23,718	3/4	8,746	3/4		3/4			3/4		3/4		3/4
11	67,613	11	52,861	11	38,318	11	23,406	11	8,434	11		11			11		11		11
1/4	67,303	1/4	52,559	1/4	38,013	1/4	23,095	1/4	8,121	1/4		1/4			1/4		1/4		1/4
1/2	66,994	1/2	52,257	1/2	37,709	1/2	22,783	1/2	7,809	1/2		1/2			1/2		1/2		1/2
3/4	66,684	3/4	51,955	3/4	37,404	3/4	22,471	3/4	7,497	3/4		3/4			3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/21/2020 CL
CALCULATED: 01/22/2020 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3036"

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	81,896	0	66,889	0	51,882	0	36,891	0	21,887	0	6,881	0		0		0		0	
1/4	81,583	1/4	66,577	1/4	51,570	1/4	36,579	1/4	21,575	1/4	6,569	1/4		1/4		1/4		1/4	
1/2	81,271	1/2	66,264	1/2	51,257	1/2	36,266	1/2	21,262	1/2	6,256	1/2		1/2		1/2		1/2	
3/4	80,958	3/4	65,951	3/4	50,945	3/4	35,954	3/4	20,950	3/4	5,943	3/4		3/4		3/4		3/4	
1	80,645	1	65,639	1	50,632	1	35,642	1	20,637	1	5,631	1		1		1		1	
1/4	80,333	1/4	65,326	1/4	50,319	1/4	35,330	1/4	20,324	1/4	5,318	1/4		1/4		1/4		1/4	
1/2	80,020	1/2	65,013	1/2	50,007	1/2	35,017	1/2	20,012	1/2	5,006	1/2		1/2		1/2		1/2	
3/4	79,707	3/4	64,701	3/4	49,694	3/4	34,705	3/4	19,699	3/4	4,694	3/4		3/4		3/4		3/4	
2	79,395	2	64,388	2	49,381	2	34,393	2	19,386	2	4,381	2		2		2		2	
1/4	79,082	1/4	64,075	1/4	49,069	1/4	34,080	1/4	19,074	1/4	4,070	1/4		1/4		1/4		1/4	
1/2	78,770	1/2	63,763	1/2	48,756	1/2	33,767	1/2	18,761	1/2	3,758	1/2		1/2		1/2		1/2	
3/4	78,457	3/4	63,450	3/4	48,443	3/4	33,455	3/4	18,448	3/4	3,446	3/4		3/4		3/4		3/4	
3	78,144	3	63,138	3	48,131	3	33,142	3	18,136	3	3,135	3		3		3		3	
1/4	77,832	1/4	62,825	1/4	47,818	1/4	32,829	1/4	17,823	1/4	2,842	1/4		1/4		1/4		1/4	
1/2	77,519	1/2	62,512	1/2	47,506	1/2	32,517	1/2	17,511	1/2	2,550	1/2		1/2		1/2		1/2	
3/4	77,206	3/4	62,200	3/4	47,193	3/4	32,204	3/4	17,198	3/4	2,258	3/4		3/4		3/4		3/4	
4	76,894	4	61,887	4	46,881	4	31,892	4	16,885	4	1,965	4		4		4		4	
1/4	76,581	1/4	61,574	1/4	46,568	1/4	31,579	1/4	16,573	1/4	1,731	1/4		1/4		1/4		1/4	
1/2	76,268	1/2	61,262	1/2	46,256	1/2	31,266	1/2	16,260	1/2	1,496	1/2		1/2		1/2		1/2	
3/4	75,956	3/4	60,949	3/4	45,944	3/4	30,954	3/4	15,947	3/4	1,262	3/4		3/4		3/4		3/4	
5	75,643	5	60,636	5	45,631	5	30,641	5	15,635	5	1,028	5		5		5		5	
1/4	75,330	1/4	60,324	1/4	45,319	1/4	30,328	1/4	15,322	1/4		1/4		1/4		1/4		1/4	
1/2	75,018	1/2	60,011	1/2	45,007	1/2	30,016	1/2	15,010	1/2		1/2		1/2		1/2		1/2	
3/4	74,705	3/4	59,698	3/4	44,695	3/4	29,703	3/4	14,697	3/4		3/4		3/4		3/4		3/4	
6	74,393	6	59,386	6	44,382	6	29,391	6	14,384	6		6		6		6		6	
1/4	74,080	1/4	59,073	1/4	44,070	1/4	29,078	1/4	14,072	1/4		1/4		1/4		1/4		1/4	
1/2	73,767	1/2	58,761	1/2	43,758	1/2	28,765	1/2	13,759	1/2		1/2		1/2		1/2		1/2	
3/4	73,455	3/4	58,448	3/4	43,446	3/4	28,453	3/4	13,446	3/4		3/4		3/4		3/4		3/4	
7	73,142	7	58,135	7	43,134	7	28,140	7	13,134	7		7		7		7		7	
1/4	72,829	1/4	57,823	1/4	42,822	1/4	27,827	1/4	12,821	1/4		1/4		1/4		1/4		1/4	
1/2	72,517	1/2	57,510	1/2	42,509	1/2	27,515	1/2	12,509	1/2		1/2		1/2		1/2		1/2	
3/4	72,204	3/4	57,197	3/4	42,197	3/4	27,202	3/4	12,196	3/4		3/4		3/4		3/4		3/4	
8	71,891	8	56,885	8	41,885	8	26,890	8	11,883	8		8		8		8		8	
1/4	71,579	1/4	56,572	1/4	41,573	1/4	26,577	1/4	11,571	1/4		1/4		1/4		1/4		1/4	
1/2	71,266	1/2	56,259	1/2	41,261	1/2	26,264	1/2	11,258	1/2		1/2		1/2		1/2		1/2	
3/4	70,954	3/4	55,947	3/4	40,949	3/4	25,952	3/4	10,945	3/4		3/4		3/4		3/4		3/4	
9	70,641	9	55,634	9	40,637	9	25,639	9	10,633	9		9		9		9		9	
1/4	70,328	1/4	55,322	1/4	40,324	1/4	25,326	1/4	10,320	1/4		1/4		1/4		1/4		1/4	
1/2	70,016	1/2	55,009	1/2	40,012	1/2	25,014	1/2	10,007	1/2		1/2		1/2		1/2		1/2	
3/4	69,703	3/4	54,696	3/4	39,700	3/4	24,701	3/4	9,695	3/4		3/4		3/4		3/4		3/4	
10	69,390	10	54,384	10	39,388	10	24,388	10	9,382	10		10		10		10		10	
1/4	69,078	1/4	54,071	1/4	39,076	1/4	24,076	1/4	9,070	1/4		1/4		1/4		1/4		1/4	
1/2	68,765	1/2	53,758	1/2	38,764	1/2	23,763	1/2	8,757	1/2		1/2		1/2		1/2		1/2	
3/4	68,452	3/4	53,446	3/4	38,451	3/4	23,451	3/4	8,444	3/4		3/4		3/4		3/4		3/4	
11	68,140	11	53,133	11	38,139	11	23,138	11	8,132	11		11		11		11		11	
1/4	67,827	1/4	52,820	1/4	37,827	1/4	22,825	1/4	7,819	1/4		1/4		1/4		1/4		1/4	
1/2	67,514	1/2	52,508	1/2	37,515	1/2	22,513	1/2	7,506	1/2		1/2		1/2		1/2		1/2	
3/4	67,202	3/4	52,195	3/4	37,203	3/4	22,200	3/4	7,194	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/21/2020 CL
CALCULATED: 01/22/2020 CL
PRINTED: 01/22/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3036"

PORT 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	122	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	120	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	119	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	115	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	113	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	110	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	108	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	105	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	103	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	101	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	98	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	96	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	93	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	91	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	89	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	86	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	84	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	81	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	79	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	77	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: 01/21/2020 CL
CALCULATED: 01/22/2020 CL
PRINTED: 01/22/2020 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 3036"

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	72	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	48	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	24	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	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	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT

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