



BARGE "HSM 3030"

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"

December 4, 2019

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

<http://www.pmacorp.net>



BARGE "HSM 3030"

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

December 4, 2019

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BARGE "HSM 3030"

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	79,429	0	64,402	0	49,474	0	34,449	0	19,421	0	5,245	0		0		0		0	
1/4	79,116	1/4	64,090	1/4	49,162	1/4	34,136	1/4	19,108	1/4	4,975	1/4		1/4		1/4		1/4	
1/2	78,803	1/2	63,778	1/2	48,850	1/2	33,823	1/2	18,795	1/2	4,704	1/2		1/2		1/2		1/2	
3/4	78,490	3/4	63,466	3/4	48,537	3/4	33,510	3/4	18,482	3/4	4,433	3/4		3/4		3/4		3/4	
1	78,177	1	63,154	1	48,225	1	33,197	1	18,169	1	4,163	1		1		1		1	
1/4	77,864	1/4	62,843	1/4	47,912	1/4	32,884	1/4	17,857	1/4	3,896	1/4		1/4		1/4		1/4	
1/2	77,551	1/2	62,533	1/2	47,599	1/2	32,571	1/2	17,545	1/2	3,629	1/2		1/2		1/2		1/2	
3/4	77,238	3/4	62,222	3/4	47,286	3/4	32,258	3/4	17,233	3/4	3,363	3/4		3/4		3/4		3/4	
2	76,925	2	61,911	2	46,973	2	31,945	2	16,921	2	3,096	2		2		2		2	
1/4	76,611	1/4	61,600	1/4	46,660	1/4	31,632	1/4	16,611	1/4	2,834	1/4		1/4		1/4		1/4	
1/2	76,298	1/2	61,289	1/2	46,346	1/2	31,319	1/2	16,302	1/2	2,572	1/2		1/2		1/2		1/2	
3/4	75,985	3/4	60,978	3/4	46,033	3/4	31,005	3/4	15,993	3/4	2,310	3/4		3/4		3/4		3/4	
3	75,672	3	60,668	3	45,720	3	30,692	3	15,684	3	2,048	3		3		3		3	
1/4	75,359	1/4	60,357	1/4	45,407	1/4	30,379	1/4	15,378	1/4	1,810	1/4		1/4		1/4		1/4	
1/2	75,046	1/2	60,046	1/2	45,094	1/2	30,066	1/2	15,073	1/2	1,571	1/2		1/2		1/2		1/2	
3/4	74,733	3/4	59,735	3/4	44,781	3/4	29,753	3/4	14,768	3/4	1,332	3/4		3/4		3/4		3/4	
4	74,420	4	59,425	4	44,468	4	29,440	4	14,462	4	1,093	4		4		4		4	
1/4	74,107	1/4	59,114	1/4	44,155	1/4	29,127	1/4	14,161	1/4	916	1/4		1/4		1/4		1/4	
1/2	73,794	1/2	58,803	1/2	43,842	1/2	28,814	1/2	13,859	1/2	739	1/2		1/2		1/2		1/2	
3/4	73,481	3/4	58,493	3/4	43,529	3/4	28,501	3/4	13,558	3/4	562	3/4		3/4		3/4		3/4	
5	73,167	5	58,182	5	43,216	5	28,188	5	13,256	5	385	5		5		5		5	
1/4	72,854	1/4	57,871	1/4	42,903	1/4	27,875	1/4	12,958	1/4		1/4		1/4		1/4		1/4	
1/2	72,541	1/2	57,560	1/2	42,589	1/2	27,562	1/2	12,661	1/2		1/2		1/2		1/2		1/2	
3/4	72,228	3/4	57,250	3/4	42,276	3/4	27,248	3/4	12,363	3/4		3/4		3/4		3/4		3/4	
6	71,915	6	56,939	6	41,963	6	26,935	6	12,066	6		6		6		6		6	
1/4	71,602	1/4	56,628	1/4	41,650	1/4	26,622	1/4	11,772	1/4		1/4		1/4		1/4		1/4	
1/2	71,289	1/2	56,318	1/2	41,337	1/2	26,309	1/2	11,478	1/2		1/2		1/2		1/2		1/2	
3/4	70,976	3/4	56,007	3/4	41,024	3/4	25,996	3/4	11,184	3/4		3/4		3/4		3/4		3/4	
7	70,663	7	55,696	7	40,711	7	25,683	7	10,890	7		7		7		7		7	
1/4	70,350	1/4	55,385	1/4	40,398	1/4	25,370	1/4	10,600	1/4		1/4		1/4		1/4		1/4	
1/2	70,037	1/2	55,075	1/2	40,085	1/2	25,057	1/2	10,310	1/2		1/2		1/2		1/2		1/2	
3/4	69,723	3/4	54,764	3/4	39,772	3/4	24,744	3/4	10,020	3/4		3/4		3/4		3/4		3/4	
8	69,410	8	54,453	8	39,459	8	24,431	8	9,730	8		8		8		8		8	
1/4	69,097	1/4	54,143	1/4	39,146	1/4	24,118	1/4	9,444	1/4		1/4		1/4		1/4		1/4	
1/2	68,784	1/2	53,832	1/2	38,832	1/2	23,805	1/2	9,158	1/2		1/2		1/2		1/2		1/2	
3/4	68,471	3/4	53,521	3/4	38,519	3/4	23,491	3/4	8,872	3/4		3/4		3/4		3/4		3/4	
9	68,158	9	53,210	9	38,206	9	23,178	9	8,586	9		9		9		9		9	
1/4	67,845	1/4	52,899	1/4	37,893	1/4	22,865	1/4	8,304	1/4		1/4		1/4		1/4		1/4	
1/2	67,532	1/2	52,588	1/2	37,580	1/2	22,552	1/2	8,022	1/2		1/2		1/2		1/2		1/2	
3/4	67,219	3/4	52,278	3/4	37,267	3/4	22,239	3/4	7,739	3/4		3/4		3/4		3/4		3/4	
10	66,906	10	51,967	10	36,954	10	21,926	10	7,457	10		10		10		10		10	
1/4	66,593	1/4	51,655	1/4	36,641	1/4	21,613	1/4	7,179	1/4		1/4		1/4		1/4		1/4	
1/2	66,279	1/2	51,344	1/2	36,328	1/2	21,300	1/2	6,900	1/2		1/2		1/2		1/2		1/2	
3/4	65,966	3/4	51,032	3/4	36,015	3/4	20,987	3/4	6,622	3/4		3/4		3/4		3/4		3/4	
11	65,653	11	50,721	11	35,702	11	20,674	11	6,343	11		11		11		11		11	
1/4	65,340	1/4	50,409	1/4	35,389	1/4	20,361	1/4	6,069	1/4		1/4		1/4		1/4		1/4	
1/2	65,027	1/2	50,098	1/2	35,076	1/2	20,048	1/2	5,794	1/2		1/2		1/2		1/2		1/2	
3/4	64,715	3/4	49,786	3/4	34,762	3/4	19,735	3/4	5,520	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2019 CL
CALCULATED: 12/04/2019 CL
PRINTED: 12/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3030"

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	199,712	0	184,729	0	169,729	0	154,702	0	139,674	0	124,647	0	109,620	0	94,588		
1/4	1/4	1/4	199,400	1/4	184,417	1/4	169,416	1/4	154,389	1/4	139,361	1/4	124,334	1/4	109,307	1/4	94,274		
1/2	1/2	1/2	199,088	1/2	184,105	1/2	169,103	1/2	154,076	1/2	139,048	1/2	124,021	1/2	108,994	1/2	93,961		
3/4	3/4	3/4	198,776	3/4	183,792	3/4	168,790	3/4	153,762	3/4	138,735	3/4	123,708	3/4	108,681	3/4	93,648		
1	1	1	198,464	1	183,480	1	168,477	1	153,449	1	138,422	1	123,395	1	108,368	1	93,335		
1/4	1/4	1/4	198,152	1/4	183,168	1/4	168,164	1/4	153,136	1/4	138,109	1/4	123,082	1/4	108,055	1/4	93,022		
1/2	1/2	1/2	197,839	1/2	182,856	1/2	167,851	1/2	152,823	1/2	137,796	1/2	122,769	1/2	107,742	1/2	92,708		
3/4	3/4	3/4	197,527	3/4	182,544	3/4	167,537	3/4	152,510	3/4	137,483	3/4	122,456	3/4	107,429	3/4	92,395		
2	2	2	211,147	2	197,215	2	182,232	2	167,224	2	152,197	2	137,170	2	122,143	2	107,116	2	92,082
1/4	1/4	1/4	210,968	1/4	196,903	1/4	181,919	1/4	166,911	1/4	151,884	1/4	136,857	1/4	121,830	1/4	106,802	1/4	91,769
1/2	1/2	1/2	210,788	1/2	196,591	1/2	181,607	1/2	166,598	1/2	151,571	1/2	136,544	1/2	121,517	1/2	106,489	1/2	91,456
3/4	3/4	3/4	210,608	3/4	196,279	3/4	181,295	3/4	166,285	3/4	151,258	3/4	136,231	3/4	121,204	3/4	106,176	3/4	91,142
3	3	3	210,429	3	195,966	3	180,983	3	165,972	3	150,945	3	135,918	3	120,891	3	105,863	3	90,829
1/4	1/4	1/4	210,197	1/4	195,654	1/4	180,671	1/4	165,659	1/4	150,632	1/4	135,605	1/4	120,578	1/4	105,550	1/4	90,516
1/2	1/2	1/2	209,965	1/2	195,342	1/2	180,359	1/2	165,346	1/2	150,319	1/2	135,291	1/2	120,264	1/2	105,236	1/2	90,203
3/4	3/4	3/4	209,733	3/4	195,030	3/4	180,047	3/4	165,033	3/4	150,006	3/4	134,978	3/4	119,951	3/4	104,923	3/4	89,890
4	4	4	209,501	4	194,718	4	179,734	4	164,720	4	149,693	4	134,665	4	119,638	4	104,610	4	89,576
1/4	1/4	1/4	209,221	1/4	194,406	1/4	179,422	1/4	164,407	1/4	149,380	1/4	134,352	1/4	119,325	1/4	104,297	1/4	89,263
1/2	1/2	1/2	208,941	1/2	194,094	1/2	179,110	1/2	164,094	1/2	149,066	1/2	134,039	1/2	119,012	1/2	103,984	1/2	88,950
3/4	3/4	3/4	208,661	3/4	193,781	3/4	178,798	3/4	163,781	3/4	148,753	3/4	133,726	3/4	118,699	3/4	103,670	3/4	88,637
5	5	5	208,380	5	193,469	5	178,486	5	163,468	5	148,440	5	133,413	5	118,386	5	103,357	5	88,324
1/4	1/4	1/4	208,074	1/4	193,157	1/4	178,174	1/4	163,155	1/4	148,127	1/4	133,100	1/4	118,073	1/4	103,044	1/4	88,010
1/2	1/2	1/2	207,768	1/2	192,845	1/2	177,861	1/2	162,841	1/2	147,814	1/2	132,787	1/2	117,760	1/2	102,731	1/2	87,697
3/4	3/4	3/4	207,462	3/4	192,533	3/4	177,549	3/4	162,528	3/4	147,501	3/4	132,474	3/4	117,447	3/4	102,418	3/4	87,384
6	6	6	207,156	6	192,221	6	177,237	6	162,215	6	147,188	6	132,161	6	117,134	6	102,104	6	87,071
1/4	1/4	1/4	206,847	1/4	191,908	1/4	176,925	1/4	161,902	1/4	146,875	1/4	131,848	1/4	116,821	1/4	101,791	1/4	86,758
1/2	1/2	1/2	206,537	1/2	191,596	1/2	176,613	1/2	161,589	1/2	146,562	1/2	131,535	1/2	116,508	1/2	101,478	1/2	86,444
3/4	3/4	3/4	206,227	3/4	191,284	3/4	176,301	3/4	161,276	3/4	146,249	3/4	131,222	3/4	116,195	3/4	101,165	3/4	86,131
7	7	7	205,918	7	190,972	7	175,989	7	160,963	7	145,936	7	130,909	7	115,882	7	100,852	7	85,818
1/4	1/4	1/4	205,608	1/4	190,660	1/4	175,676	1/4	160,650	1/4	145,623	1/4	130,596	1/4	115,568	1/4	100,538	1/4	85,505
1/2	1/2	1/2	205,298	1/2	190,348	1/2	175,363	1/2	160,337	1/2	145,310	1/2	130,282	1/2	115,255	1/2	100,225	1/2	85,192
3/4	3/4	3/4	204,988	3/4	190,035	3/4	175,051	3/4	160,024	3/4	144,997	3/4	129,969	3/4	114,942	3/4	99,912	3/4	84,878
8	8	8	204,678	8	189,723	8	174,738	8	159,711	8	144,684	8	129,656	8	114,629	8	99,599	8	84,565
1/4	1/4	1/4	204,367	1/4	189,411	1/4	174,425	1/4	159,398	1/4	144,370	1/4	129,343	1/4	114,316	1/4	99,286	1/4	84,252
1/2	1/2	1/2	204,057	1/2	189,099	1/2	174,112	1/2	159,085	1/2	144,057	1/2	129,030	1/2	114,003	1/2	98,972	1/2	83,939
3/4	3/4	3/4	203,747	3/4	188,787	3/4	173,799	3/4	158,772	3/4	143,744	3/4	128,717	3/4	113,690	3/4	98,659	3/4	83,626
9	9	9	203,437	9	188,475	9	173,486	9	158,459	9	143,431	9	128,404	9	113,377	9	98,346	9	83,312
1/4	1/4	1/4	203,127	1/4	188,163	1/4	173,173	1/4	158,145	1/4	143,118	1/4	128,091	1/4	113,064	1/4	98,033	1/4	82,999
1/2	1/2	1/2	202,817	1/2	187,850	1/2	172,860	1/2	157,832	1/2	142,805	1/2	127,778	1/2	112,751	1/2	97,720	1/2	82,686
3/4	3/4	3/4	202,507	3/4	187,538	3/4	172,547	3/4	157,519	3/4	142,492	3/4	127,465	3/4	112,438	3/4	97,406	3/4	82,373
10	10	10	202,197	10	187,226	10	172,234	10	157,206	10	142,179	10	127,152	10	112,125	10	97,093	10	82,060
1/4	1/4	1/4	201,887	1/4	186,914	1/4	171,920	1/4	156,893	1/4	141,866	1/4	126,839	1/4	111,812	1/4	96,780	1/4	81,746
1/2	1/2	1/2	201,577	1/2	186,602	1/2	171,607	1/2	156,580	1/2	141,553	1/2	126,526	1/2	111,499	1/2	96,467	1/2	81,433
3/4	3/4	3/4	201,267	3/4	186,290	3/4	171,294	3/4	156,267	3/4	141,240	3/4	126,213	3/4	111,186	3/4	96,154	3/4	81,120
11	11	11	200,957	11	185,977	11	170,981	11	155,954	11	140,927	11	125,900	11	110,873	11	95,840	11	80,807
1/4	1/4	1/4	200,646	1/4	185,665	1/4	170,668	1/4	155,641	1/4	140,614	1/4	125,587	1/4	110,559	1/4	95,527	1/4	80,494
1/2	1/2	1/2	200,334	1/2	185,353	1/2	170,355	1/2	155,328	1/2	140,301	1/2	125,273	1/2	110,246	1/2	95,214	1/2	80,180
3/4	3/4	3/4	200,023	3/4	185,041	3/4	170,042	3/4	155,015	3/4	139,987	3/4	124,960	3/4	109,933	3/4	94,901	3/4	79,867

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
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BARGE "HSM 3030"

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	79,554	0	64,521	0	49,494	0	34,461	0	19,428	0	5,247	0		0		0		0	
1/4	79,241	1/4	64,207	1/4	49,181	1/4	34,148	1/4	19,115	1/4	4,976	1/4		1/4		1/4		1/4	
1/2	78,928	1/2	63,894	1/2	48,868	1/2	33,835	1/2	18,802	1/2	4,706	1/2		1/2		1/2		1/2	
3/4	78,614	3/4	63,581	3/4	48,555	3/4	33,522	3/4	18,489	3/4	4,435	3/4		3/4		3/4		3/4	
1	78,301	1	63,268	1	48,242	1	33,209	1	18,175	1	4,164	1		1		1		1	
1/4	77,988	1/4	62,955	1/4	47,928	1/4	32,895	1/4	17,863	1/4	3,898	1/4		1/4		1/4		1/4	
1/2	77,675	1/2	62,641	1/2	47,615	1/2	32,582	1/2	17,551	1/2	3,631	1/2		1/2		1/2		1/2	
3/4	77,362	3/4	62,328	3/4	47,302	3/4	32,269	3/4	17,239	3/4	3,364	3/4		3/4		3/4		3/4	
2	77,048	2	62,015	2	46,989	2	31,956	2	16,927	2	3,098	2		2		2		2	
1/4	76,735	1/4	61,702	1/4	46,676	1/4	31,643	1/4	16,617	1/4	2,835	1/4		1/4		1/4		1/4	
1/2	76,422	1/2	61,389	1/2	46,363	1/2	31,329	1/2	16,308	1/2	2,573	1/2		1/2		1/2		1/2	
3/4	76,109	3/4	61,076	3/4	46,049	3/4	31,016	3/4	15,999	3/4	2,311	3/4		3/4		3/4		3/4	
3	75,796	3	60,763	3	45,736	3	30,703	3	15,689	3	2,049	3		3		3		3	
1/4	75,482	1/4	60,450	1/4	45,423	1/4	30,390	1/4	15,384	1/4	1,810	1/4		1/4		1/4		1/4	
1/2	75,169	1/2	60,137	1/2	45,110	1/2	30,077	1/2	15,078	1/2	1,571	1/2		1/2		1/2		1/2	
3/4	74,856	3/4	59,824	3/4	44,797	3/4	29,763	3/4	14,773	3/4	1,333	3/4		3/4		3/4		3/4	
4	74,543	4	59,511	4	44,483	4	29,450	4	14,467	4	1,094	4		4		4		4	
1/4	74,230	1/4	59,198	1/4	44,170	1/4	29,137	1/4	14,166	1/4	917	1/4		1/4		1/4		1/4	
1/2	73,916	1/2	58,885	1/2	43,857	1/2	28,824	1/2	13,864	1/2	740	1/2		1/2		1/2		1/2	
3/4	73,603	3/4	58,572	3/4	43,544	3/4	28,511	3/4	13,562	3/4	563	3/4		3/4		3/4		3/4	
5	73,290	5	58,259	5	43,231	5	28,198	5	13,261	5	386	5		5		5		5	
1/4	72,977	1/4	57,946	1/4	42,917	1/4	27,884	1/4	12,963	1/4		1/4		1/4		1/4		1/4	
1/2	72,664	1/2	57,633	1/2	42,604	1/2	27,571	1/2	12,665	1/2		1/2		1/2		1/2		1/2	
3/4	72,350	3/4	57,320	3/4	42,291	3/4	27,258	3/4	12,368	3/4		3/4		3/4		3/4		3/4	
6	72,037	6	57,007	6	41,978	6	26,945	6	12,070	6		6		6		6		6	
1/4	71,724	1/4	56,694	1/4	41,665	1/4	26,632	1/4	11,776	1/4		1/4		1/4		1/4		1/4	
1/2	71,411	1/2	56,381	1/2	41,351	1/2	26,318	1/2	11,482	1/2		1/2		1/2		1/2		1/2	
3/4	71,098	3/4	56,069	3/4	41,038	3/4	26,005	3/4	11,188	3/4		3/4		3/4		3/4		3/4	
7	70,784	7	55,756	7	40,725	7	25,692	7	10,894	7		7		7		7		7	
1/4	70,471	1/4	55,443	1/4	40,412	1/4	25,379	1/4	10,604	1/4		1/4		1/4		1/4		1/4	
1/2	70,158	1/2	55,130	1/2	40,099	1/2	25,066	1/2	10,314	1/2		1/2		1/2		1/2		1/2	
3/4	69,845	3/4	54,817	3/4	39,786	3/4	24,752	3/4	10,024	3/4		3/4		3/4		3/4		3/4	
8	69,532	8	54,504	8	39,472	8	24,439	8	9,734	8		8		8		8		8	
1/4	69,218	1/4	54,191	1/4	39,159	1/4	24,126	1/4	9,448	1/4		1/4		1/4		1/4		1/4	
1/2	68,905	1/2	53,878	1/2	38,846	1/2	23,813	1/2	9,162	1/2		1/2		1/2		1/2		1/2	
3/4	68,592	3/4	53,565	3/4	38,533	3/4	23,500	3/4	8,875	3/4		3/4		3/4		3/4		3/4	
9	68,279	9	53,252	9	38,220	9	23,187	9	8,589	9		9		9		9		9	
1/4	67,966	1/4	52,939	1/4	37,906	1/4	22,873	1/4	8,307	1/4		1/4		1/4		1/4		1/4	
1/2	67,652	1/2	52,626	1/2	37,593	1/2	22,560	1/2	8,024	1/2		1/2		1/2		1/2		1/2	
3/4	67,339	3/4	52,313	3/4	37,280	3/4	22,247	3/4	7,742	3/4		3/4		3/4		3/4		3/4	
10	67,026	10	52,000	10	36,967	10	21,934	10	7,460	10		10		10		10		10	
1/4	66,713	1/4	51,687	1/4	36,654	1/4	21,621	1/4	7,181	1/4		1/4		1/4		1/4		1/4	
1/2	66,400	1/2	51,373	1/2	36,340	1/2	21,307	1/2	6,903	1/2		1/2		1/2		1/2		1/2	
3/4	66,086	3/4	51,060	3/4	36,027	3/4	20,994	3/4	6,624	3/4		3/4		3/4		3/4		3/4	
11	65,773	11	50,747	11	35,714	11	20,681	11	6,346	11		11		11		11		11	
1/4	65,460	1/4	50,434	1/4	35,401	1/4	20,368	1/4	6,071	1/4		1/4		1/4		1/4		1/4	
1/2	65,147	1/2	50,121	1/2	35,088	1/2	20,055	1/2	5,796	1/2		1/2		1/2		1/2		1/2	
3/4	64,834	3/4	49,808	3/4	34,775	3/4	19,741	3/4	5,522	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2019 CL
CALCULATED: 12/04/2019 CL
PRINTED: 12/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
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BARGE "HSM 3030"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 15'-04 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	0	0	201,408	0	186,382	0	171,336	0	156,258	0	141,181	0	126,104	0	111,026	0	95,942
1/4	1/4	1/4	1/4	1/4	201,095	1/4	186,069	1/4	171,022	1/4	155,944	1/4	140,867	1/4	125,790	1/4	110,712	1/4	95,628
1/2	1/2	1/2	1/2	1/2	200,782	1/2	185,756	1/2	170,707	1/2	155,630	1/2	140,553	1/2	125,475	1/2	110,398	1/2	95,314
3/4	3/4	3/4	3/4	3/4	200,469	3/4	185,443	3/4	170,393	3/4	155,316	3/4	140,239	3/4	125,161	3/4	110,084	3/4	94,999
1	1	1	1	1	200,156	1	185,130	1	170,079	1	155,002	1	139,925	1	124,847	1	109,770	1	94,685
1/4	1/4	1/4	1/4	1/4	199,843	1/4	184,817	1/4	169,765	1/4	154,688	1/4	139,610	1/4	124,533	1/4	109,456	1/4	94,371
1/2	1/2	1/2	1/2	1/2	199,530	1/2	184,504	1/2	169,451	1/2	154,374	1/2	139,296	1/2	124,219	1/2	109,141	1/2	94,057
3/4	3/4	3/4	3/4	3/4	213,153	3/4	199,217	3/4	184,191	3/4	169,137	3/4	154,060	3/4	138,982	3/4	123,905	3/4	93,742
2	2	2	2	2	198,904	2	183,878	2	168,823	2	153,745	2	138,668	2	123,591	2	108,513	2	93,428
1/4	1/4	1/4	1/4	1/4	198,591	1/4	183,565	1/4	168,509	1/4	153,431	1/4	138,354	1/4	123,277	1/4	108,199	1/4	93,114
1/2	1/2	1/2	1/2	1/2	198,278	1/2	183,252	1/2	168,195	1/2	153,117	1/2	138,040	1/2	122,963	1/2	107,884	1/2	92,799
3/4	3/4	3/4	3/4	3/4	197,965	3/4	182,939	3/4	167,880	3/4	152,803	3/4	137,726	3/4	122,648	3/4	107,570	3/4	92,485
3	3	3	3	3	197,652	3	182,626	3	167,566	3	152,489	3	137,412	3	122,334	3	107,256	3	92,171
1/4	1/4	1/4	1/4	1/4	197,339	1/4	182,313	1/4	167,252	1/4	152,175	1/4	137,098	1/4	122,020	1/4	106,942	1/4	91,857
1/2	1/2	1/2	1/2	1/2	197,026	1/2	182,000	1/2	166,938	1/2	151,861	1/2	136,783	1/2	121,706	1/2	106,627	1/2	91,542
3/4	3/4	3/4	3/4	3/4	211,510	3/4	196,713	3/4	181,686	3/4	166,624	3/4	151,547	3/4	136,469	3/4	121,392	3/4	91,228
4	4	4	4	4	196,400	4	181,373	4	166,310	4	151,233	4	136,155	4	121,078	4	105,999	4	90,914
1/4	1/4	1/4	1/4	1/4	196,087	1/4	181,060	1/4	165,996	1/4	150,918	1/4	135,841	1/4	120,764	1/4	105,685	1/4	90,600
1/2	1/2	1/2	1/2	1/2	195,774	1/2	180,747	1/2	165,682	1/2	150,604	1/2	135,527	1/2	120,450	1/2	105,370	1/2	90,285
3/4	3/4	3/4	3/4	3/4	195,460	3/4	180,434	3/4	165,368	3/4	150,290	3/4	135,213	3/4	120,136	3/4	105,056	3/4	89,971
5	5	5	5	5	195,147	5	180,121	5	165,053	5	149,976	5	134,899	5	119,821	5	104,742	5	89,657
1/4	1/4	1/4	1/4	1/4	194,834	1/4	179,808	1/4	164,739	1/4	149,662	1/4	134,585	1/4	119,507	1/4	104,427	1/4	89,343
1/2	1/2	1/2	1/2	1/2	194,521	1/2	179,495	1/2	164,425	1/2	149,348	1/2	134,271	1/2	119,193	1/2	104,113	1/2	89,028
3/4	3/4	3/4	3/4	3/4	194,208	3/4	179,182	3/4	164,111	3/4	149,034	3/4	133,956	3/4	118,879	3/4	103,799	3/4	88,714
6	6	6	6	6	193,895	6	178,869	6	163,797	6	148,720	6	133,642	6	118,565	6	103,485	6	88,400
1/4	1/4	1/4	1/4	1/4	193,582	1/4	178,556	1/4	163,483	1/4	148,406	1/4	133,328	1/4	118,251	1/4	103,170	1/4	88,085
1/2	1/2	1/2	1/2	1/2	193,269	1/2	178,243	1/2	163,169	1/2	148,091	1/2	133,014	1/2	117,937	1/2	102,856	1/2	87,771
3/4	3/4	3/4	3/4	3/4	207,928	3/4	192,956	3/4	177,930	3/4	162,855	3/4	147,777	3/4	132,700	3/4	117,623	3/4	87,457
7	7	7	7	7	192,643	7	177,616	7	162,541	7	147,463	7	132,386	7	117,309	7	102,228	7	87,143
1/4	1/4	1/4	1/4	1/4	192,330	1/4	177,303	1/4	162,226	1/4	147,149	1/4	132,072	1/4	116,994	1/4	101,913	1/4	86,828
1/2	1/2	1/2	1/2	1/2	192,017	1/2	176,989	1/2	161,912	1/2	146,835	1/2	131,758	1/2	116,680	1/2	101,599	1/2	86,514
3/4	3/4	3/4	3/4	3/4	206,688	3/4	191,704	3/4	176,676	3/4	161,598	3/4	146,521	3/4	131,444	3/4	116,366	3/4	86,200
8	8	8	8	8	191,391	8	176,362	8	161,284	8	146,207	8	131,129	8	116,052	8	100,970	8	85,886
1/4	1/4	1/4	1/4	1/4	191,078	1/4	176,047	1/4	160,970	1/4	145,893	1/4	130,815	1/4	115,738	1/4	100,656	1/4	85,571
1/2	1/2	1/2	1/2	1/2	190,765	1/2	175,733	1/2	160,656	1/2	145,579	1/2	130,501	1/2	115,424	1/2	100,342	1/2	85,257
3/4	3/4	3/4	3/4	3/4	205,447	3/4	190,452	3/4	175,419	3/4	160,342	3/4	145,264	3/4	130,187	3/4	115,110	3/4	84,943
9	9	9	9	9	190,139	9	175,105	9	160,028	9	144,950	9	129,873	9	114,796	9	99,713	9	84,628
1/4	1/4	1/4	1/4	1/4	189,826	1/4	174,791	1/4	159,714	1/4	144,636	1/4	129,559	1/4	114,482	1/4	99,399	1/4	84,314
1/2	1/2	1/2	1/2	1/2	189,513	1/2	174,477	1/2	159,399	1/2	144,322	1/2	129,245	1/2	114,167	1/2	99,085	1/2	84,000
3/4	3/4	3/4	3/4	3/4	204,207	3/4	174,163	3/4	159,085	3/4	144,008	3/4	128,931	3/4	113,853	3/4	98,771	3/4	83,686
10	10	10	10	10	188,887	10	173,849	10	158,771	10	143,694	10	128,617	10	113,539	10	98,456	10	83,371
1/4	1/4	1/4	1/4	1/4	188,573	1/4	173,534	1/4	158,457	1/4	143,380	1/4	128,302	1/4	113,225	1/4	98,142	1/4	83,057
1/2	1/2	1/2	1/2	1/2	188,260	1/2	173,220	1/2	158,143	1/2	143,066	1/2	127,988	1/2	112,911	1/2	97,828	1/2	82,743
3/4	3/4	3/4	3/4	3/4	202,967	3/4	172,906	3/4	157,829	3/4	142,752	3/4	127,674	3/4	112,597	3/4	97,514	3/4	82,429
11	11	11	11	11	187,634	11	172,592	11	157,515	11	142,437	11	127,360	11	112,283	11	97,199	11	82,114
1/4	1/4	1/4	1/4	1/4	187,321	1/4	172,278	1/4	157,201	1/4	142,123	1/4	127,046	1/4	111,969	1/4	96,885	1/4	81,800
1/2	1/2	1/2	1/2	1/2	187,008	1/2	171,964	1/2	156,887	1/2	141,809	1/2	126,732	1/2	111,655	1/2	96,571	1/2	81,486
3/4	3/4	3/4	3/4	3/4	201,721	3/4	186,695	3/4	171,650	3/4	156,572	3/4	141,495	3/4	126,418	3/4	96,256	3/4	81,172

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 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

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BARGE "HSM 3030"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2019 CL
CALCULATED: 12/04/2019 CL
PRINTED: 12/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3030"

2 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	203,165	0	188,141	0	173,097	0	158,019	0	142,942	0	127,864	0	112,787	0	97,703		
1/4	1/4	1/4	202,854	1/4	187,828	1/4	172,782	1/4	157,705	1/4	142,628	1/4	127,550	1/4	111,473	1/4	97,389		
1/2	1/2	1/2	202,541	1/2	187,515	1/2	172,468	1/2	157,391	1/2	142,314	1/2	127,236	1/2	111,159	1/2	97,075		
3/4	3/4	3/4	202,228	3/4	187,202	3/4	172,154	3/4	157,077	3/4	141,999	3/4	126,922	3/4	110,845	3/4	96,760		
1	1	1	201,915	1	186,889	1	171,840	1	156,763	1	141,685	1	126,608	1	110,531	1	96,446		
1/4	1/4	1/4	201,602	1/4	186,576	1/4	171,526	1/4	156,449	1/4	141,371	1/4	126,294	1/4	110,217	1/4	96,132		
1/2	1/2	1/2	201,289	1/2	186,263	1/2	171,212	1/2	156,134	1/2	141,057	1/2	125,980	1/2	109,902	1/2	95,818		
3/4	3/4	3/4	200,976	3/4	185,950	3/4	170,898	3/4	155,820	3/4	140,743	3/4	125,666	3/4	109,588	3/4	95,503		
2	2	2	200,663	2	185,636	2	170,584	2	155,506	2	140,429	2	125,352	2	109,274	2	95,189		
1/4	1/4	1/4	214,286	1/4	200,350	1/4	185,323	1/4	170,270	1/4	155,192	1/4	140,115	1/4	112,037	1/4	99,960	1/4	94,875
1/2	1/2	1/2	214,106	1/2	200,037	1/2	185,010	1/2	169,955	1/2	154,878	1/2	139,801	1/2	124,723	1/2	109,645	1/2	94,561
3/4	3/4	3/4	213,927	3/4	199,724	3/4	184,697	3/4	169,641	3/4	154,564	3/4	139,487	3/4	124,409	3/4	109,331	3/4	94,246
3	3	3	213,748	3	199,410	3	184,384	3	169,327	3	154,250	3	139,172	3	124,095	3	109,017	3	93,932
1/4	1/4	1/4	213,569	1/4	199,097	1/4	184,071	1/4	169,013	1/4	153,936	1/4	138,858	1/4	123,781	1/4	108,703	1/4	93,618
1/2	1/2	1/2	213,337	1/2	198,784	1/2	183,758	1/2	168,699	1/2	153,622	1/2	138,544	1/2	123,467	1/2	108,388	1/2	93,303
3/4	3/4	3/4	213,106	3/4	198,471	3/4	183,445	3/4	168,385	3/4	153,307	3/4	138,230	3/4	123,153	3/4	108,074	3/4	92,989
4	4	4	212,874	4	198,158	4	183,132	4	168,071	4	152,993	4	137,916	4	122,839	4	107,760	4	92,675
1/4	1/4	1/4	212,643	1/4	197,845	1/4	182,819	1/4	167,757	1/4	152,679	1/4	137,602	1/4	122,525	1/4	107,446	1/4	92,361
1/2	1/2	1/2	212,363	1/2	197,532	1/2	182,506	1/2	167,443	1/2	152,365	1/2	137,288	1/2	122,210	1/2	107,131	1/2	92,046
3/4	3/4	3/4	212,083	3/4	197,219	3/4	182,193	3/4	167,128	3/4	152,051	3/4	136,974	3/4	121,896	3/4	106,817	3/4	91,732
5	5	5	211,802	5	196,906	5	181,880	5	166,814	5	151,737	5	136,660	5	121,582	5	106,503	5	91,418
1/4	1/4	1/4	211,522	1/4	196,593	1/4	181,567	1/4	166,500	1/4	151,423	1/4	136,345	1/4	121,268	1/4	106,189	1/4	91,104
1/2	1/2	1/2	211,216	1/2	196,280	1/2	181,254	1/2	166,186	1/2	151,109	1/2	136,031	1/2	120,954	1/2	105,874	1/2	90,789
3/4	3/4	3/4	210,911	3/4	195,967	3/4	180,941	3/4	165,872	3/4	150,795	3/4	135,717	3/4	120,640	3/4	105,560	3/4	90,475
6	6	6	210,605	6	195,654	6	180,628	6	165,558	6	150,480	6	135,403	6	120,326	6	105,246	6	90,161
1/4	1/4	1/4	210,299	1/4	195,341	1/4	180,315	1/4	165,244	1/4	150,166	1/4	135,089	1/4	120,012	1/4	104,931	1/4	89,847
1/2	1/2	1/2	209,989	1/2	195,028	1/2	180,002	1/2	164,930	1/2	149,852	1/2	134,775	1/2	119,698	1/2	104,617	1/2	89,532
3/4	3/4	3/4	209,680	3/4	194,715	3/4	179,689	3/4	164,615	3/4	149,538	3/4	134,461	3/4	119,383	3/4	104,303	3/4	89,218
7	7	7	209,370	7	194,402	7	179,376	7	164,301	7	149,224	7	134,147	7	119,069	7	103,989	7	88,904
1/4	1/4	1/4	209,060	1/4	194,089	1/4	179,062	1/4	163,987	1/4	148,910	1/4	133,833	1/4	118,755	1/4	103,674	1/4	88,589
1/2	1/2	1/2	208,750	1/2	193,776	1/2	178,749	1/2	163,673	1/2	148,596	1/2	133,518	1/2	118,441	1/2	103,360	1/2	88,275
3/4	3/4	3/4	208,440	3/4	193,463	3/4	178,435	3/4	163,359	3/4	148,282	3/4	133,204	3/4	118,127	3/4	103,046	3/4	87,961
8	8	8	208,130	8	193,150	8	178,122	8	163,045	8	147,968	8	132,890	8	117,813	8	102,732	8	87,647
1/4	1/4	1/4	207,820	1/4	192,837	1/4	177,808	1/4	162,731	1/4	147,653	1/4	132,576	1/4	117,499	1/4	102,417	1/4	87,332
1/2	1/2	1/2	207,510	1/2	192,523	1/2	177,494	1/2	162,417	1/2	147,339	1/2	132,262	1/2	117,185	1/2	102,103	1/2	87,018
3/4	3/4	3/4	207,200	3/4	192,210	3/4	177,180	3/4	162,103	3/4	147,025	3/4	131,948	3/4	116,871	3/4	101,789	3/4	86,704
9	9	9	206,890	9	191,897	9	176,866	9	161,788	9	146,711	9	131,634	9	116,556	9	101,474	9	86,390
1/4	1/4	1/4	206,580	1/4	191,584	1/4	176,552	1/4	161,474	1/4	146,397	1/4	131,320	1/4	116,242	1/4	101,160	1/4	86,075
1/2	1/2	1/2	206,270	1/2	191,271	1/2	176,238	1/2	161,160	1/2	146,083	1/2	131,006	1/2	115,928	1/2	100,846	1/2	85,761
3/4	3/4	3/4	205,960	3/4	190,958	3/4	175,924	3/4	160,846	3/4	145,769	3/4	130,691	3/4	115,614	3/4	100,532	3/4	85,447
10	10	10	205,650	10	190,645	10	175,609	10	160,532	10	145,455	10	130,377	10	115,300	10	100,217	10	85,132
1/4	1/4	1/4	205,340	1/4	190,332	1/4	175,295	1/4	160,218	1/4	145,141	1/4	130,063	1/4	114,986	1/4	99,903	1/4	84,818
1/2	1/2	1/2	205,030	1/2	190,019	1/2	174,981	1/2	159,904	1/2	144,826	1/2	129,749	1/2	114,672	1/2	99,589	1/2	84,504
3/4	3/4	3/4	204,720	3/4	189,706	3/4	174,667	3/4	159,590	3/4	144,512	3/4	129,435	3/4	114,358	3/4	99,275	3/4	84,190
11	11	11	204,410	11	189,393	11	174,353	11	159,276	11	144,198	11	129,121	11	114,044	11	98,960	11	83,875
1/4	1/4	1/4	204,100	1/4	189,080	1/4	174,039	1/4	158,961	1/4	143,884	1/4	128,807	1/4	113,729	1/4	98,646	1/4	83,561
1/2	1/2	1/2	203,788	1/2	188,767	1/2	173,725	1/2	158,647	1/2	143,570	1/2	128,493	1/2	113,415	1/2	98,332	1/2	83,247
3/4	3/4	3/4	203,477	3/4	188,454	3/4	173,411	3/4	158,333	3/4	143,256	3/4	128,179	3/4	113,101	3/4	98,018	3/4	82,933

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
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BARGE "HSM 3030"

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	82,618	0	67,533	0	52,448	0	37,399	0	22,316	0	7,232	0		0		0		0	
1/4	82,304	1/4	67,219	1/4	52,134	1/4	37,085	1/4	22,002	1/4	6,917	1/4				1/4		1/4	
1/2	81,990	1/2	66,905	1/2	51,820	1/2	36,770	1/2	21,688	1/2	6,603	1/2				1/2		1/2	
3/4	81,676	3/4	66,591	3/4	51,506	3/4	36,456	3/4	21,374	3/4	6,289	3/4				3/4		3/4	
1	81,361	1	66,276	1	51,192	1	36,142	1	21,059	1	5,975	1				1		1	
1/4	81,047	1/4	65,962	1/4	50,879	1/4	35,828	1/4	20,745	1/4	5,660	1/4				1/4		1/4	
1/2	80,733	1/2	65,648	1/2	50,565	1/2	35,513	1/2	20,431	1/2	5,346	1/2				1/2		1/2	
3/4	80,418	3/4	65,334	3/4	50,251	3/4	35,199	3/4	20,117	3/4	5,032	3/4				3/4		3/4	
2	80,104	2	65,019	2	49,938	2	34,885	2	19,802	2	4,718	2				2		2	
1/4	79,790	1/4	64,705	1/4	49,624	1/4	34,571	1/4	19,488	1/4	4,404	1/4				1/4		1/4	
1/2	79,476	1/2	64,391	1/2	49,311	1/2	34,256	1/2	19,174	1/2	4,091	1/2				1/2		1/2	
3/4	79,161	3/4	64,076	3/4	48,997	3/4	33,942	3/4	18,859	3/4	3,778	3/4				3/4		3/4	
3	78,847	3	63,762	3	48,684	3	33,628	3	18,545	3	3,464	3				3		3	
1/4	78,533	1/4	63,448	1/4	48,370	1/4	33,313	1/4	18,231	1/4	3,151	1/4				1/4		1/4	
1/2	78,219	1/2	63,134	1/2	48,057	1/2	32,999	1/2	17,917	1/2	2,857	1/2				1/2		1/2	
3/4	77,904	3/4	62,819	3/4	47,744	3/4	32,685	3/4	17,602	3/4	2,563	3/4				3/4		3/4	
4	77,590	4	62,505	4	47,430	4	32,371	4	17,288	4	2,270	4				4		4	
1/4	77,276	1/4	62,191	1/4	47,117	1/4	32,056	1/4	16,974	1/4	1,976	1/4				1/4		1/4	
1/2	76,961	1/2	61,877	1/2	46,804	1/2	31,742	1/2	16,660	1/2	1,740	1/2				1/2		1/2	
3/4	76,647	3/4	61,562	3/4	46,490	3/4	31,428	3/4	16,345	3/4	1,504	3/4				3/4		3/4	
5	76,333	5	61,248	5	46,177	5	31,114	5	16,031	5	1,269	5				5		5	
1/4	76,019	1/4	60,934	1/4	45,864	1/4	30,799	1/4	15,717	1/4	1,033	1/4				1/4		1/4	
1/2	75,704	1/2	60,619	1/2	45,550	1/2	30,485	1/2	15,402	1/2		1/2				1/2		1/2	
3/4	75,390	3/4	60,305	3/4	45,237	3/4	30,171	3/4	15,088	3/4		3/4				3/4		3/4	
6	75,076	6	59,991	6	44,924	6	29,857	6	14,774	6		6				6		6	
1/4	74,762	1/4	59,677	1/4	44,610	1/4	29,543	1/4	14,460	1/4		1/4				1/4		1/4	
1/2	74,447	1/2	59,362	1/2	44,297	1/2	29,228	1/2	14,145	1/2		1/2				1/2		1/2	
3/4	74,133	3/4	59,048	3/4	43,984	3/4	28,914	3/4	13,831	3/4		3/4				3/4		3/4	
7	73,819	7	58,734	7	43,670	7	28,600	7	13,517	7		7				7		7	
1/4	73,505	1/4	58,420	1/4	43,357	1/4	28,286	1/4	13,203	1/4		1/4				1/4		1/4	
1/2	73,190	1/2	58,105	1/2	43,044	1/2	27,972	1/2	12,888	1/2		1/2				1/2		1/2	
3/4	72,876	3/4	57,791	3/4	42,730	3/4	27,658	3/4	12,574	3/4		3/4				3/4		3/4	
8	72,562	8	57,477	8	42,417	8	27,344	8	12,260	8		8				8		8	
1/4	72,247	1/4	57,163	1/4	42,104	1/4	27,030	1/4	11,946	1/4		1/4				1/4		1/4	
1/2	71,933	1/2	56,848	1/2	41,790	1/2	26,716	1/2	11,631	1/2		1/2				1/2		1/2	
3/4	71,619	3/4	56,534	3/4	41,477	3/4	26,402	3/4	11,317	3/4		3/4				3/4		3/4	
9	71,305	9	56,220	9	41,164	9	26,088	9	11,003	9		9				9		9	
1/4	70,990	1/4	55,905	1/4	40,850	1/4	25,773	1/4	10,688	1/4		1/4				1/4		1/4	
1/2	70,676	1/2	55,591	1/2	40,537	1/2	25,459	1/2	10,374	1/2		1/2				1/2		1/2	
3/4	70,362	3/4	55,277	3/4	40,224	3/4	25,145	3/4	10,060	3/4		3/4				3/4		3/4	
10	70,048	10	54,963	10	39,910	10	24,831	10	9,746	10		10				10		10	
1/4	69,733	1/4	54,648	1/4	39,597	1/4	24,516	1/4	9,431	1/4		1/4				1/4		1/4	
1/2	69,419	1/2	54,334	1/2	39,283	1/2	24,202	1/2	9,117	1/2		1/2				1/2		1/2	
3/4	69,105	3/4	54,020	3/4	38,969	3/4	23,888	3/4	8,803	3/4		3/4				3/4		3/4	
11	68,790	11	53,706	11	38,656	11	23,573	11	8,489	11		11				11		11	
1/4	68,476	1/4	53,391	1/4	38,342	1/4	23,259	1/4	8,174	1/4		1/4				1/4		1/4	
1/2	68,162	1/2	53,077	1/2	38,028	1/2	22,945	1/2	7,860	1/2		1/2				1/2		1/2	
3/4	67,848	3/4	52,763	3/4	37,713	3/4	22,631	3/4	7,546	3/4		3/4				3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2019 CL
CALCULATED: 12/04/2019 CL
PRINTED: 12/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HSM 3030"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	183,833	0	173,515	0	163,184	0	152,829	0	140,779	0	125,834	0	110,889	0	95,930	
1/4	1/4	1/4	1/4	183,618	1/4	173,300	1/4	162,968	1/4	152,613	1/4	140,468	1/4	125,523	1/4	110,577	1/4	95,618	
1/2	1/2	1/2	1/2	183,403	1/2	173,085	1/2	162,752	1/2	152,398	1/2	140,156	1/2	125,211	1/2	110,266	1/2	95,307	
3/4	3/4	3/4	3/4	183,188	3/4	172,870	3/4	162,537	3/4	152,182	3/4	139,845	3/4	124,900	3/4	109,955	3/4	94,995	
1	1	1	1	182,974	1	172,656	1	162,321	1	151,966	1	139,534	1	124,588	1	109,643	1	94,684	
1/4	1/4	1/4	1/4	182,759	1/4	172,441	1/4	162,105	1/4	151,751	1/4	139,222	1/4	124,277	1/4	109,332	1/4	94,372	
1/2	1/2	1/2	1/2	182,544	1/2	172,226	1/2	161,889	1/2	151,535	1/2	138,911	1/2	123,966	1/2	109,020	1/2	94,061	
3/4	3/4	3/4	3/4	182,329	3/4	172,011	3/4	161,674	3/4	151,319	3/4	138,600	3/4	123,654	3/4	108,709	3/4	93,749	
2	2	2	2	182,114	2	171,796	2	161,458	2	151,103	2	138,288	2	123,343	2	108,397	2	93,438	
1/4	1/4	1/4	1/4	181,899	1/4	171,581	1/4	161,242	1/4	150,888	1/4	137,977	1/4	123,032	1/4	108,086	1/4	93,126	
1/2	1/2	1/2	1/2	181,684	1/2	171,366	1/2	161,026	1/2	150,672	1/2	137,666	1/2	122,720	1/2	107,775	1/2	92,814	
3/4	3/4	3/4	3/4	181,469	3/4	171,151	3/4	160,811	3/4	150,456	3/4	137,354	3/4	122,409	3/4	107,463	3/4	92,503	
3	3	3	3	181,254	3	170,936	3	160,595	3	150,241	3	137,043	3	122,098	3	107,152	3	92,191	
1/4	1/4	1/4	1/4	181,039	1/4	170,721	1/4	160,379	1/4	150,025	1/4	136,732	1/4	121,786	1/4	106,840	1/4	91,880	
1/2	1/2	1/2	1/2	180,824	1/2	170,506	1/2	160,164	1/2	149,809	1/2	136,420	1/2	121,475	1/2	106,528	1/2	91,568	
3/4	3/4	3/4	3/4	180,609	3/4	170,291	3/4	159,948	3/4	149,593	3/4	136,109	3/4	121,164	3/4	106,217	3/4	91,257	
4	4	4	4	180,394	4	170,076	4	159,732	4	149,378	4	135,797	4	120,852	4	105,905	4	90,945	
1/4	1/4	1/4	1/4	180,179	1/4	169,861	1/4	159,516	1/4	149,158	1/4	135,486	1/4	120,541	1/4	105,593	1/4	90,634	
1/2	1/2	1/2	1/2	179,964	1/2	169,646	1/2	159,301	1/2	148,939	1/2	135,175	1/2	120,229	1/2	105,282	1/2	90,322	
3/4	3/4	3/4	3/4	179,749	3/4	169,431	3/4	159,085	3/4	148,720	3/4	134,863	3/4	119,918	3/4	104,970	3/4	90,011	
5	5	5	5	179,534	5	169,216	5	158,869	5	148,501	5	134,552	5	119,607	5	104,658	5	89,699	
1/4	1/4	1/4	1/4	179,319	1/4	169,001	1/4	158,654	1/4	148,270	1/4	134,241	1/4	119,295	1/4	104,346	1/4	89,388	
1/2	1/2	1/2	1/2	179,104	1/2	168,786	1/2	158,438	1/2	148,039	1/2	133,929	1/2	118,984	1/2	104,034	1/2	89,076	
3/4	3/4	3/4	3/4	178,889	3/4	168,571	3/4	158,222	3/4	147,808	3/4	133,618	3/4	118,673	3/4	103,723	3/4	88,765	
6	6	6	6	178,674	6	168,356	6	158,006	6	147,578	6	133,307	6	118,361	6	103,411	6	88,453	
1/4	1/4	1/4	1/4	178,459	1/4	168,141	1/4	157,791	1/4	147,331	1/4	133,095	1/4	118,050	1/4	103,099	1/4	88,141	
1/2	1/2	1/2	1/2	178,244	1/2	167,926	1/2	157,575	1/2	147,084	1/2	132,684	1/2	117,739	1/2	102,787	1/2	87,830	
3/4	3/4	3/4	3/4	178,029	3/4	167,711	3/4	157,359	3/4	146,837	3/4	132,373	3/4	117,427	3/4	102,476	3/4	87,518	
7	7	7	7	177,815	7	167,496	7	157,144	7	146,590	7	132,061	7	117,116	7	102,164	7	87,206	
1/4	1/4	1/4	1/4	177,600	1/4	167,281	1/4	156,928	1/4	146,328	1/4	131,750	1/4	116,804	1/4	101,852	1/4	86,895	
1/2	1/2	1/2	1/2	177,385	1/2	167,066	1/2	156,712	1/2	146,065	1/2	131,438	1/2	116,493	1/2	101,540	1/2	86,583	
3/4	3/4	3/4	3/4	177,170	3/4	166,850	3/4	156,496	3/4	145,802	3/4	131,127	3/4	116,182	3/4	101,228	3/4	86,271	
8	8	8	8	176,955	8	166,635	8	156,281	8	145,540	8	130,816	8	115,870	8	100,917	8	85,959	
1/4	1/4	1/4	1/4	176,740	1/4	166,419	1/4	156,065	1/4	145,262	1/4	130,504	1/4	115,559	1/4	100,605	1/4	85,647	
1/2	1/2	1/2	1/2	176,525	1/2	166,204	1/2	155,849	1/2	144,983	1/2	130,193	1/2	115,248	1/2	100,293	1/2	85,335	
3/4	3/4	3/4	3/4	176,310	3/4	165,988	3/4	155,634	3/4	144,705	3/4	129,882	3/4	114,936	3/4	99,981	3/4	85,023	
9	9	9	9	176,095	9	165,772	9	155,418	9	144,427	9	129,570	9	114,625	9	99,670	9	84,712	
1/4	1/4	1/4	1/4	175,880	1/4	165,557	1/4	155,202	1/4	144,133	1/4	129,259	1/4	114,314	1/4	99,358	1/4	84,400	
1/2	1/2	1/2	1/2	175,665	1/2	165,341	1/2	154,986	1/2	143,838	1/2	128,948	1/2	114,002	1/2	99,046	1/2	84,088	
3/4	3/4	3/4	3/4	175,450	3/4	165,125	3/4	154,771	3/4	143,544	3/4	128,636	3/4	113,691	3/4	98,734	3/4	83,776	
10	10	10	10	175,235	10	164,909	10	154,555	10	143,250	10	128,325	10	113,379	10	98,422	10	83,464	
1/4	1/4	1/4	1/4	175,020	1/4	164,694	1/4	154,339	1/4	142,943	1/4	128,013	1/4	113,068	1/4	98,111	1/4	83,152	
1/2	1/2	1/2	1/2	174,805	1/2	164,478	1/2	154,124	1/2	142,637	1/2	127,702	1/2	112,757	1/2	97,799	1/2	82,841	
3/4	3/4	3/4	3/4	174,590	3/4	164,262	3/4	153,908	3/4	142,330	3/4	127,391	3/4	112,445	3/4	97,487	3/4	82,529	
11	11	11	11	174,375	11	164,047	11	153,692	11	142,033	11	127,079	11	112,134	11	97,176	11	82,217	
1/4	1/4	1/4	1/4	174,160	1/4	163,831	1/4	153,476	1/4	141,712	1/4	126,768	1/4	111,823	1/4	96,864	1/4	81,905	
1/2	1/2	1/2	1/2	173,945	1/2	163,615	1/2	153,261	1/2	141,401	1/2	126,457	1/2	111,511	1/2	96,553	1/2	81,593	
3/4	3/4	3/4	3/4	173,730	3/4	163,399	3/4	153,045	3/4	141,090	3/4	126,145	3/4	111,200	3/4	96,241	3/4	81,281	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE OR 8" HATCH
GAUGE POINT: (MMC) LOCATED 10'-06" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD
GAUGE POINT: (8") LOCATED 10'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3030"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	80,970	0	66,076	0	51,360	0	36,802	0	21,851	0	6,874	0		0		0		0	
1/4	80,658	1/4	65,766	1/4	51,058	1/4	36,494	1/4	21,539	1/4	6,562	1/4		1/4		1/4		1/4	
1/2	80,346	1/2	65,456	1/2	50,756	1/2	36,186	1/2	21,227	1/2	6,250	1/2		1/2		1/2		1/2	
3/4	80,034	3/4	65,146	3/4	50,454	3/4	35,878	3/4	20,915	3/4	5,938	3/4		3/4		3/4		3/4	
1	79,722	1	64,836	1	50,152	1	35,571	1	20,603	1	5,626	1		1		1		1	
1/4	79,410	1/4	64,526	1/4	49,850	1/4	35,259	1/4	20,292	1/4	5,314	1/4		1/4		1/4		1/4	
1/2	79,099	1/2	64,217	1/2	49,547	1/2	34,948	1/2	19,980	1/2	5,002	1/2		1/2		1/2		1/2	
3/4	78,787	3/4	63,907	3/4	49,245	3/4	34,637	3/4	19,668	3/4	4,690	3/4		3/4		3/4		3/4	
2	78,475	2	63,597	2	48,943	2	34,325	2	19,356	2	4,378	2		2		2		2	
1/4	78,164	1/4	63,286	1/4	48,641	1/4	34,013	1/4	19,044	1/4	4,066	1/4		1/4		1/4		1/4	
1/2	77,853	1/2	62,975	1/2	48,339	1/2	33,701	1/2	18,732	1/2	3,755	1/2		1/2		1/2		1/2	
3/4	77,542	3/4	62,665	3/4	48,037	3/4	33,389	3/4	18,420	3/4	3,444	3/4		3/4		3/4		3/4	
3	77,231	3	62,354	3	47,735	3	33,078	3	18,108	3	3,132	3		3		3		3	
1/4	76,922	1/4	62,042	1/4	47,433	1/4	32,766	1/4	17,796	1/4	2,840	1/4		1/4		1/4		1/4	
1/2	76,612	1/2	61,731	1/2	47,132	1/2	32,454	1/2	17,484	1/2	2,548	1/2		1/2		1/2		1/2	
3/4	76,302	3/4	61,419	3/4	46,830	3/4	32,142	3/4	17,173	3/4	2,256	3/4		3/4		3/4		3/4	
4	75,992	4	61,108	4	46,529	4	31,830	4	16,861	4	1,964	4		4		4		4	
1/4	75,682	1/4	60,796	1/4	46,227	1/4	31,518	1/4	16,549	1/4	1,730	1/4		1/4		1/4		1/4	
1/2	75,372	1/2	60,485	1/2	45,926	1/2	31,206	1/2	16,237	1/2	1,495	1/2		1/2		1/2		1/2	
3/4	75,062	3/4	60,173	3/4	45,625	3/4	30,894	3/4	15,925	3/4	1,261	3/4		3/4		3/4		3/4	
5	74,752	5	59,862	5	45,323	5	30,582	5	15,613	5	1,027	5		5		5		5	
1/4	74,442	1/4	59,553	1/4	45,021	1/4	30,271	1/4	15,301	1/4		1/4		1/4		1/4		1/4	
1/2	74,133	1/2	59,245	1/2	44,718	1/2	29,959	1/2	14,989	1/2		1/2		1/2		1/2		1/2	
3/4	73,823	3/4	58,936	3/4	44,415	3/4	29,647	3/4	14,677	3/4		3/4		3/4		3/4		3/4	
6	73,513	6	58,628	6	44,112	6	29,335	6	14,365	6		6		6		6		6	
1/4	73,203	1/4	58,323	1/4	43,807	1/4	29,023	1/4	14,054	1/4		1/4		1/4		1/4		1/4	
1/2	72,893	1/2	58,018	1/2	43,503	1/2	28,712	1/2	13,742	1/2		1/2		1/2		1/2		1/2	
3/4	72,583	3/4	57,712	3/4	43,198	3/4	28,400	3/4	13,430	3/4		3/4		3/4		3/4		3/4	
7	72,273	7	57,407	7	42,893	7	28,088	7	13,118	7		7		7		7		7	
1/4	71,963	1/4	57,104	1/4	42,589	1/4	27,776	1/4	12,806	1/4		1/4		1/4		1/4		1/4	
1/2	71,654	1/2	56,800	1/2	42,284	1/2	27,465	1/2	12,494	1/2		1/2		1/2		1/2		1/2	
3/4	71,344	3/4	56,496	3/4	41,980	3/4	27,153	3/4	12,182	3/4		3/4		3/4		3/4		3/4	
8	71,034	8	56,193	8	41,675	8	26,841	8	11,870	8		8		8		8		8	
1/4	70,724	1/4	55,891	1/4	41,370	1/4	26,529	1/4	11,558	1/4		1/4		1/4		1/4		1/4	
1/2	70,414	1/2	55,589	1/2	41,066	1/2	26,218	1/2	11,246	1/2		1/2		1/2		1/2		1/2	
3/4	70,104	3/4	55,286	3/4	40,761	3/4	25,906	3/4	10,934	3/4		3/4		3/4		3/4		3/4	
9	69,794	9	54,984	9	40,457	9	25,594	9	10,622	9		9		9		9		9	
1/4	69,484	1/4	54,682	1/4	40,152	1/4	25,282	1/4	10,309	1/4		1/4		1/4		1/4		1/4	
1/2	69,175	1/2	54,380	1/2	39,848	1/2	24,970	1/2	9,997	1/2		1/2		1/2		1/2		1/2	
3/4	68,865	3/4	54,078	3/4	39,543	3/4	24,658	3/4	9,684	3/4		3/4		3/4		3/4		3/4	
10	68,555	10	53,776	10	39,238	10	24,346	10	9,372	10		10		10		10		10	
1/4	68,245	1/4	53,474	1/4	38,934	1/4	24,034	1/4	9,060	1/4		1/4		1/4		1/4		1/4	
1/2	67,935	1/2	53,172	1/2	38,629	1/2	23,723	1/2	8,747	1/2		1/2		1/2		1/2		1/2	
3/4	67,625	3/4	52,870	3/4	38,325	3/4	23,411	3/4	8,435	3/4		3/4		3/4		3/4		3/4	
11	67,315	11	52,568	11	38,020	11	23,099	11	8,123	11		11		11		11		11	
1/4	67,005	1/4	52,266	1/4	37,715	1/4	22,787	1/4	7,811	1/4		1/4		1/4		1/4		1/4	
1/2	66,696	1/2	51,964	1/2	37,411	1/2	22,475	1/2	7,499	1/2		1/2		1/2		1/2		1/2	
3/4	66,386	3/4	51,662	3/4	37,106	3/4	22,163	3/4	7,186	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2019 CL
CALCULATED: 12/04/2019 CL
PRINTED: 12/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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



BARGE "HSM 3030"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 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	184,474	0	174,154	0	163,819	0	153,462	0	141,203	0	126,222	0	111,241	0	96,243
1/4	1/4	1/4	1/4	1/4	184,259	1/4	173,939	1/4	163,603	1/4	153,246	1/4	140,891	1/4	125,910	1/4	110,929	1/4	95,931
1/2	1/2	1/2	1/2	1/2	184,044	1/2	173,724	1/2	163,387	1/2	153,030	1/2	140,579	1/2	125,598	1/2	110,617	1/2	95,618
3/4	3/4	3/4	3/4	3/4	183,829	3/4	173,509	3/4	163,171	3/4	152,815	3/4	140,267	3/4	125,286	3/4	110,304	3/4	95,306
1	1	1	1	1	183,614	1	173,294	1	162,956	1	152,599	1	139,955	1	124,974	1	109,992	1	94,993
1/4	1/4	1/4	1/4	1/4	183,399	1/4	173,079	1/4	162,740	1/4	152,383	1/4	139,643	1/4	124,662	1/4	109,680	1/4	94,681
1/2	1/2	1/2	1/2	1/2	192,813	1/2	183,184	1/2	172,864	1/2	162,524	1/2	152,167	1/2	139,331	1/2	124,350	1/2	109,368
3/4	3/4	3/4	3/4	3/4	192,690	3/4	182,969	3/4	172,649	3/4	162,308	3/4	151,952	3/4	139,019	3/4	124,037	3/4	109,056
2	2	2	2	2	192,566	2	182,754	2	172,434	2	162,093	2	151,736	2	138,707	2	123,725	2	108,743
1/4	1/4	1/4	1/4	1/4	192,443	1/4	182,539	1/4	172,219	1/4	161,877	1/4	151,520	1/4	138,395	1/4	123,413	1/4	108,431
1/2	1/2	1/2	1/2	1/2	192,319	1/2	182,324	1/2	172,004	1/2	161,661	1/2	151,304	1/2	138,082	1/2	123,101	1/2	108,119
3/4	3/4	3/4	3/4	3/4	192,160	3/4	182,109	3/4	171,789	3/4	161,445	3/4	151,089	3/4	137,770	3/4	122,789	3/4	107,807
3	3	3	3	3	192,000	3	181,894	3	171,574	3	161,230	3	150,873	3	137,458	3	122,477	3	107,494
1/4	1/4	1/4	1/4	1/4	191,841	1/4	181,679	1/4	171,359	1/4	161,014	1/4	150,657	1/4	137,146	1/4	122,165	1/4	107,182
1/2	1/2	1/2	1/2	1/2	191,682	1/2	181,464	1/2	171,144	1/2	160,798	1/2	150,441	1/2	136,834	1/2	121,853	1/2	106,869
3/4	3/4	3/4	3/4	3/4	191,489	3/4	181,249	3/4	170,929	3/4	160,582	3/4	150,222	3/4	136,522	3/4	121,540	3/4	106,557
4	4	4	4	4	191,296	4	181,034	4	170,714	4	160,366	4	150,003	4	136,210	4	121,228	4	106,244
1/4	1/4	1/4	1/4	1/4	191,103	1/4	180,819	1/4	170,499	1/4	160,151	1/4	149,783	1/4	135,898	1/4	120,916	1/4	105,932
1/2	1/2	1/2	1/2	1/2	190,910	1/2	180,604	1/2	170,284	1/2	159,935	1/2	149,564	1/2	135,586	1/2	120,604	1/2	105,619
3/4	3/4	3/4	3/4	3/4	190,699	3/4	180,389	3/4	170,069	3/4	159,719	3/4	149,333	3/4	135,273	3/4	120,292	3/4	105,307
5	5	5	5	5	190,487	5	180,174	5	169,854	5	159,503	5	149,102	5	134,961	5	119,980	5	104,994
1/4	1/4	1/4	1/4	1/4	190,276	1/4	179,959	1/4	169,639	1/4	159,288	1/4	148,871	1/4	134,649	1/4	119,668	1/4	104,682
1/2	1/2	1/2	1/2	1/2	190,064	1/2	179,744	1/2	169,424	1/2	159,072	1/2	148,640	1/2	134,337	1/2	119,356	1/2	104,369
3/4	3/4	3/4	3/4	3/4	189,850	3/4	179,529	3/4	169,209	3/4	158,856	3/4	148,393	3/4	134,025	3/4	119,044	3/4	104,057
6	6	6	6	6	189,635	6	179,314	6	168,994	6	158,640	6	148,146	6	133,713	6	118,731	6	103,744
1/4	1/4	1/4	1/4	1/4	189,420	1/4	179,099	1/4	168,779	1/4	158,425	1/4	147,899	1/4	133,401	1/4	118,419	1/4	103,432
1/2	1/2	1/2	1/2	1/2	189,205	1/2	178,884	1/2	168,564	1/2	158,209	1/2	147,652	1/2	133,089	1/2	118,107	1/2	103,119
3/4	3/4	3/4	3/4	3/4	188,990	3/4	178,669	3/4	168,349	3/4	157,993	3/4	147,389	3/4	132,777	3/4	117,795	3/4	102,807
7	7	7	7	7	188,775	7	178,454	7	168,133	7	157,777	7	147,126	7	132,464	7	117,483	7	102,494
1/4	1/4	1/4	1/4	1/4	188,560	1/4	178,239	1/4	167,918	1/4	157,562	1/4	146,863	1/4	132,152	1/4	117,171	1/4	102,182
1/2	1/2	1/2	1/2	1/2	188,345	1/2	178,024	1/2	167,702	1/2	157,346	1/2	146,600	1/2	131,840	1/2	116,859	1/2	101,869
3/4	3/4	3/4	3/4	3/4	188,130	3/4	177,809	3/4	167,487	3/4	157,130	3/4	146,321	3/4	131,528	3/4	116,547	3/4	101,556
8	8	8	8	8	187,915	8	177,594	8	167,271	8	156,914	8	146,042	8	131,216	8	116,235	8	101,244
1/4	1/4	1/4	1/4	1/4	187,700	1/4	177,379	1/4	167,055	1/4	156,698	1/4	145,763	1/4	130,904	1/4	115,922	1/4	100,931
1/2	1/2	1/2	1/2	1/2	187,485	1/2	177,164	1/2	166,839	1/2	156,483	1/2	145,485	1/2	130,592	1/2	115,610	1/2	100,619
3/4	3/4	3/4	3/4	3/4	187,270	3/4	176,949	3/4	166,624	3/4	156,267	3/4	145,189	3/4	130,280	3/4	115,298	3/4	100,306
9	9	9	9	9	187,055	9	176,734	9	166,408	9	156,051	9	144,894	9	129,968	9	114,986	9	99,994
1/4	1/4	1/4	1/4	1/4	186,840	1/4	176,519	1/4	166,192	1/4	155,835	1/4	144,599	1/4	129,655	1/4	114,674	1/4	99,681
1/2	1/2	1/2	1/2	1/2	186,624	1/2	176,304	1/2	165,976	1/2	155,620	1/2	144,304	1/2	129,343	1/2	114,362	1/2	99,369
3/4	3/4	3/4	3/4	3/4	186,409	3/4	176,089	3/4	165,761	3/4	155,404	3/4	143,997	3/4	129,031	3/4	114,050	3/4	99,056
10	10	10	10	10	186,194	10	175,874	10	165,545	10	155,188	10	143,690	10	128,719	10	113,738	10	98,744
1/4	1/4	1/4	1/4	1/4	185,979	1/4	175,659	1/4	165,329	1/4	154,972	1/4	143,382	1/4	128,407	1/4	113,426	1/4	98,431
1/2	1/2	1/2	1/2	1/2	185,764	1/2	175,444	1/2	165,113	1/2	154,757	1/2	143,075	1/2	128,095	1/2	113,113	1/2	98,119
3/4	3/4	3/4	3/4	3/4	185,549	3/4	175,229	3/4	164,898	3/4	154,541	3/4	142,763	3/4	127,783	3/4	112,801	3/4	97,806
11	11	11	11	11	185,334	11	175,014	11	164,682	11	154,325	11	142,451	11	127,471	11	112,489	11	97,494
1/4	1/4	1/4	1/4	1/4	185,119	1/4	174,799	1/4	164,466	1/4	154,109	1/4	142,139	1/4	127,159	1/4	112,177	1/4	97,181
1/2	1/2	1/2	1/2	1/2	184,904	1/2	174,584	1/2	164,250	1/2	153,894	1/2	141,828	1/2	126,846	1/2	111,865	1/2	96,868
3/4	3/4	3/4	3/4	3/4	184,689	3/4	174,369	3/4	164,034	3/4	153,678	3/4	141,516	3/4	126,534	3/4	111,553	3/4	96,556

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 3030"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 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	81,242	0	66,241	0	51,239	0	36,254	0	21,255	0	6,254	0		0		0		0	
1/4	80,929	1/4	65,928	1/4	50,927	1/4	35,942	1/4	20,942	1/4	5,941	1/4			1/4		1/4		1/4
1/2	80,617	1/2	65,616	1/2	50,614	1/2	35,630	1/2	20,630	1/2	5,629	1/2		1/2		1/2		1/2	
3/4	80,304	3/4	65,303	3/4	50,302	3/4	35,317	3/4	20,317	3/4	5,316	3/4		3/4		3/4		3/4	
1	79,992	1	64,990	1	49,989	1	35,005	1	20,005	1	5,004	1		1		1		1	
1/4	79,679	1/4	64,678	1/4	49,676	1/4	34,693	1/4	19,692	1/4	4,692	1/4		1/4		1/4		1/4	
1/2	79,367	1/2	64,365	1/2	49,364	1/2	34,381	1/2	19,380	1/2	4,380	1/2		1/2		1/2		1/2	
3/4	79,054	3/4	64,053	3/4	49,051	3/4	34,068	3/4	19,067	3/4	4,068	3/4		3/4		3/4		3/4	
2	78,742	2	63,740	2	48,739	2	33,755	2	18,755	2	3,757	2		2		2		2	
1/4	78,429	1/4	63,428	1/4	48,426	1/4	33,443	1/4	18,442	1/4	3,445	1/4		1/4		1/4		1/4	
1/2	78,117	1/2	63,115	1/2	48,114	1/2	33,130	1/2	18,129	1/2	3,133	1/2		1/2		1/2		1/2	
3/4	77,804	3/4	62,803	3/4	47,801	3/4	32,818	3/4	17,817	3/4	2,841	3/4		3/4		3/4		3/4	
3	77,492	3	62,490	3	47,489	3	32,505	3	17,504	3	2,549	3		3		3		3	
1/4	77,179	1/4	62,178	1/4	47,177	1/4	32,193	1/4	17,192	1/4	2,257	1/4		1/4		1/4		1/4	
1/2	76,867	1/2	61,865	1/2	46,864	1/2	31,880	1/2	16,879	1/2	1,965	1/2		1/2		1/2		1/2	
3/4	76,554	3/4	61,553	3/4	46,552	3/4	31,568	3/4	16,567	3/4	1,730	3/4		3/4		3/4		3/4	
4	76,242	4	61,240	4	46,240	4	31,255	4	16,254	4	1,496	4		4		4		4	
1/4	75,929	1/4	60,928	1/4	45,927	1/4	30,943	1/4	15,942	1/4	1,262	1/4		1/4		1/4		1/4	
1/2	75,616	1/2	60,615	1/2	45,615	1/2	30,630	1/2	15,629	1/2	1,027	1/2		1/2		1/2		1/2	
3/4	75,304	3/4	60,303	3/4	45,303	3/4	30,318	3/4	15,317	3/4		3/4		3/4		3/4		3/4	
5	74,991	5	59,990	5	44,991	5	30,005	5	15,004	5		5		5		5		5	
1/4	74,679	1/4	59,677	1/4	44,679	1/4	29,693	1/4	14,692	1/4		1/4		1/4		1/4		1/4	
1/2	74,366	1/2	59,365	1/2	44,367	1/2	29,380	1/2	14,379	1/2		1/2		1/2		1/2		1/2	
3/4	74,054	3/4	59,052	3/4	44,055	3/4	29,068	3/4	14,067	3/4		3/4		3/4		3/4		3/4	
6	73,741	6	58,740	6	43,743	6	28,755	6	13,754	6		6		6		6		6	
1/4	73,429	1/4	58,427	1/4	43,431	1/4	28,443	1/4	13,442	1/4		1/4		1/4		1/4		1/4	
1/2	73,116	1/2	58,115	1/2	43,118	1/2	28,130	1/2	13,129	1/2		1/2		1/2		1/2		1/2	
3/4	72,804	3/4	57,802	3/4	42,806	3/4	27,818	3/4	12,817	3/4		3/4		3/4		3/4		3/4	
7	72,491	7	57,490	7	42,494	7	27,505	7	12,504	7		7		7		7		7	
1/4	72,179	1/4	57,177	1/4	42,182	1/4	27,193	1/4	12,192	1/4		1/4		1/4		1/4		1/4	
1/2	71,866	1/2	56,865	1/2	41,870	1/2	26,880	1/2	11,879	1/2		1/2		1/2		1/2		1/2	
3/4	71,554	3/4	56,552	3/4	41,558	3/4	26,568	3/4	11,567	3/4		3/4		3/4		3/4		3/4	
8	71,241	8	56,240	8	41,246	8	26,255	8	11,254	8		8		8		8		8	
1/4	70,929	1/4	55,927	1/4	40,934	1/4	25,942	1/4	10,942	1/4		1/4		1/4		1/4		1/4	
1/2	70,616	1/2	55,615	1/2	40,622	1/2	25,630	1/2	10,629	1/2		1/2		1/2		1/2		1/2	
3/4	70,303	3/4	55,302	3/4	40,310	3/4	25,317	3/4	10,316	3/4		3/4		3/4		3/4		3/4	
9	69,991	9	54,990	9	39,998	9	25,005	9	10,004	9		9		9		9		9	
1/4	69,678	1/4	54,677	1/4	39,686	1/4	24,692	1/4	9,691	1/4		1/4		1/4		1/4		1/4	
1/2	69,366	1/2	54,364	1/2	39,374	1/2	24,380	1/2	9,379	1/2		1/2		1/2		1/2		1/2	
3/4	69,053	3/4	54,052	3/4	39,062	3/4	24,067	3/4	9,066	3/4		3/4		3/4		3/4		3/4	
10	68,741	10	53,739	10	38,750	10	23,755	10	8,754	10		10		10		10		10	
1/4	68,428	1/4	53,427	1/4	38,438	1/4	23,442	1/4	8,441	1/4		1/4		1/4		1/4		1/4	
1/2	68,116	1/2	53,114	1/2	38,126	1/2	23,130	1/2	8,129	1/2		1/2		1/2		1/2		1/2	
3/4	67,803	3/4	52,802	3/4	37,814	3/4	22,817	3/4	7,816	3/4		3/4		3/4		3/4		3/4	
11	67,491	11	52,489	11	37,502	11	22,505	11	7,504	11		11		11		11		11	
1/4	67,178	1/4	52,177	1/4	37,190	1/4	22,192	1/4	7,191	1/4		1/4		1/4		1/4		1/4	
1/2	66,866	1/2	51,864	1/2	36,878	1/2	21,880	1/2	6,879	1/2		1/2		1/2		1/2		1/2	
3/4	66,553	3/4	51,552	3/4	36,566	3/4	21,567	3/4	6,566	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/04/2019 CL
CALCULATED: 12/04/2019 CL
PRINTED: 12/04/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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



BARGE "HSM 3030"

PORT SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	4,306	0	3,151	0	1,997	0	842	0		0		0		0	
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	
1/2		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	
3/4		3/4		3/4	4,234	3/4	3,079	3/4	1,925	3/4	770	3/4		3/4		3/4		3/4	
1		1		1	4,210	1	3,054	1	1,901	1	746	1		1		1		1	
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	
1/2		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	
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	
2		2		2	4,113	2	2,958	2	1,805	2	650	2		2		2		2	
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	
1/2		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	
3/4		3/4	5,140	3/4	4,041	3/4	2,886	3/4	1,732	3/4	578	3/4		3/4		3/4		3/4	
3		3	5,128	3	4,017	3	2,862	3	1,708	3	553	3		3		3		3	
1/4		1/4	5,117	1/4	3,993	1/4	2,838	1/4	1,684	1/4	529	1/4		1/4		1/4		1/4	
1/2		1/2	5,105	1/2	3,969	1/2	2,814	1/2	1,660	1/2	505	1/2		1/2		1/2		1/2	
3/4		3/4	5,093	3/4	3,945	3/4	2,790	3/4	1,636	3/4	481	3/4		3/4		3/4		3/4	
4		4	5,070	4	3,921	4	2,766	4	1,612	4	457	4		4		4		4	
1/4		1/4	5,046	1/4	3,897	1/4	2,742	1/4	1,588	1/4	433	1/4		1/4		1/4		1/4	
1/2		1/2	5,023	1/2	3,873	1/2	2,718	1/2	1,564	1/2	409	1/2		1/2		1/2		1/2	
3/4		3/4	4,999	3/4	3,849	3/4	2,694	3/4	1,540	3/4	385	3/4		3/4		3/4		3/4	
5		5	4,975	5	3,825	5	2,670	5	1,516	5	361	5		5		5		5	
1/4		1/4	4,952	1/4	3,800	1/4	2,646	1/4	1,492	1/4	337	1/4		1/4		1/4		1/4	
1/2		1/2	4,928	1/2	3,776	1/2	2,622	1/2	1,468	1/2	313	1/2		1/2		1/2		1/2	
3/4		3/4	4,904	3/4	3,752	3/4	2,597	3/4	1,444	3/4	289	3/4		3/4		3/4		3/4	
6		6	4,881	6	3,728	6	2,574	6	1,419	6	265	6		6		6		6	
1/4		1/4	4,857	1/4	3,704	1/4	2,550	1/4	1,395	1/4	241	1/4		1/4		1/4		1/4	
1/2		1/2	4,833	1/2	3,680	1/2	2,526	1/2	1,371	1/2	217	1/2		1/2		1/2		1/2	
3/4		3/4	4,810	3/4	3,656	3/4	2,502	3/4	1,347	3/4	193	3/4		3/4		3/4		3/4	
7		7	4,786	7	3,632	7	2,478	7	1,323	7	168	7		7		7		7	
1/4		1/4	4,762	1/4	3,608	1/4	2,454	1/4	1,299	1/4	144	1/4		1/4		1/4		1/4	
1/2		1/2	4,739	1/2	3,584	1/2	2,430	1/2	1,275	1/2	120	1/2		1/2		1/2		1/2	
3/4		3/4	4,715	3/4	3,560	3/4	2,406	3/4	1,251	3/4	96	3/4		3/4		3/4		3/4	
8		8	4,691	8	3,536	8	2,382	8	1,227	8		8		8		8		8	
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	
1/2		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	
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	
9		9	4,595	9	3,440	9	2,286	9	1,131	9		9		9		9		9	
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	
1/2		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	
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	
10		10	4,498	10	3,343	10	2,190	10	1,035	10		10		10		10		10	
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	
1/2		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	
3/4		3/4	4,426	3/4	3,271	3/4	2,117	3/4	963	3/4		3/4		3/4		3/4		3/4	
11		11	4,402	11	3,247	11	2,093	11	938	11		11		11		11		11	
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	
1/2		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	
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	

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: 12/04/2019 CL
CALCULATED: 12/04/2019 CL
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ALL PRIOR TO 12/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "HSM 3030"

STBD SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	4,282	0	3,127	0	1,973	0	818	0		0		0		0	
1/4		1/4		1/4	4,258	1/4	3,103	1/4	1,949	1/4	794	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,234	1/2	3,079	1/2	1,925	1/2	770	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,210	3/4	3,054	3/4	1,901	3/4	746	3/4		3/4		3/4		3/4	
1		1		1	4,185	1	3,030	1	1,877	1	722	1		1		1		1	
1/4		1/4		1/4	4,161	1/4	3,006	1/4	1,853	1/4	698	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,137	1/2	2,982	1/2	1,829	1/2	674	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,113	3/4	2,958	3/4	1,805	3/4	650	3/4		3/4		3/4		3/4	
2		2		2	4,089	2	2,934	2	1,780	2	626	2		2		2		2	
1/4		1/4		1/4	4,065	1/4	2,910	1/4	1,756	1/4	602	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,140	1/2	4,041	1/2	2,886	1/2	578	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,128	3/4	4,017	3/4	2,862	3/4	553	3/4		3/4		3/4		3/4	
3		3		3	5,117	3	3,993	3	2,838	3	529	3		3		3		3	
1/4		1/4		1/4	5,105	1/4	3,969	1/4	2,814	1/4	505	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	5,093	1/2	3,945	1/2	2,790	1/2	481	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	5,070	3/4	3,921	3/4	2,766	3/4	457	3/4		3/4		3/4		3/4	
4		4		4	5,046	4	3,897	4	2,742	4	433	4		4		4		4	
1/4		1/4		1/4	5,023	1/4	3,873	1/4	2,718	1/4	409	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,999	1/2	3,849	1/2	2,694	1/2	385	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,975	3/4	3,825	3/4	2,670	3/4	361	3/4		3/4		3/4		3/4	
5		5		5	4,952	5	3,800	5	2,646	5	337	5		5		5		5	
1/4		1/4		1/4	4,928	1/4	3,776	1/4	2,622	1/4	313	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,904	1/2	3,752	1/2	2,597	1/2	289	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,881	3/4	3,728	3/4	2,574	3/4	265	3/4		3/4		3/4		3/4	
6		6		6	4,857	6	3,704	6	2,550	6	241	6		6		6		6	
1/4		1/4		1/4	4,833	1/4	3,680	1/4	2,526	1/4	217	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,810	1/2	3,656	1/2	2,502	1/2	193	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,786	3/4	3,632	3/4	2,478	3/4	168	3/4		3/4		3/4		3/4	
7		7		7	4,762	7	3,608	7	2,454	7	144	7		7		7		7	
1/4		1/4		1/4	4,739	1/4	3,584	1/4	2,430	1/4	120	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,715	1/2	3,560	1/2	2,406	1/2	96	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,691	3/4	3,536	3/4	2,382	3/4	72	3/4		3/4		3/4		3/4	
8		8		8	4,667	8	3,512	8	2,358	8	1,203	8		8		8		8	
1/4		1/4		1/4	4,643	1/4	3,488	1/4	2,334	1/4	1,179	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,619	1/2	3,464	1/2	2,310	1/2	1,155	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,595	3/4	3,440	3/4	2,286	3/4	1,131	3/4		3/4		3/4		3/4	
9		9		9	4,570	9	3,415	9	2,262	9	1,107	9		9		9		9	
1/4		1/4		1/4	4,546	1/4	3,391	1/4	2,238	1/4	1,083	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,522	1/2	3,367	1/2	2,214	1/2	1,059	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,498	3/4	3,343	3/4	2,190	3/4	1,035	3/4		3/4		3/4		3/4	
10		10		10	4,474	10	3,319	10	2,165	10	1,011	10		10		10		10	
1/4		1/4		1/4	4,450	1/4	3,295	1/4	2,141	1/4	987	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,426	1/2	3,271	1/2	2,117	1/2	963	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,402	3/4	3,247	3/4	2,093	3/4	938	3/4		3/4		3/4		3/4	
11		11		11	4,378	11	3,223	11	2,069	11	914	11		11		11		11	
1/4		1/4		1/4	4,354	1/4	3,199	1/4	2,045	1/4	890	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,330	1/2	3,175	1/2	2,021	1/2	866	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,306	3/4	3,151	3/4	1,997	3/4	842	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT

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