



BARGE "HSM 3032"

INNAGE TRIM TABLE 8" GAUGE HATCH

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

December 18, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3032"

INNAGE TRIM TABLE "MMC" GAUGE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 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 INNAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

December 18, 2019

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

<http://www.pmacorp.net>



BARGE "HSM 3032"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	386	0	13,263	0	28,201	0	43,237	0	58,210	0	73,203	0	88,239	0	103,274	0	118,305	0	133,335
1/4	563	1/4	13,564	1/4	28,515	1/4	43,550	1/4	58,521	1/4	73,516	1/4	88,552	1/4	103,588	1/4	118,619	1/4	133,648
1/2	740	1/2	13,866	1/2	28,828	1/2	43,863	1/2	58,832	1/2	73,830	1/2	88,865	1/2	103,901	1/2	118,932	1/2	133,961
3/4	917	3/4	14,168	3/4	29,141	3/4	44,176	3/4	59,143	3/4	74,143	3/4	89,178	3/4	104,214	3/4	119,245	3/4	134,274
1	1,094	1	14,469	1	29,454	1	44,490	1	59,454	1	74,456	1	89,492	1	104,527	1	119,558	1	134,587
1/4	1,333	1/4	14,775	1/4	29,768	1/4	44,803	1/4	59,765	1/4	74,769	1/4	89,805	1/4	104,841	1/4	119,871	1/4	134,900
1/2	1,572	1/2	15,080	1/2	30,081	1/2	45,116	1/2	60,075	1/2	75,083	1/2	90,118	1/2	105,154	1/2	120,184	1/2	135,213
3/4	1,810	3/4	15,386	3/4	30,394	3/4	45,429	3/4	60,386	3/4	75,396	3/4	90,431	3/4	105,467	3/4	120,497	3/4	135,526
2	2,049	2	15,691	2	30,707	2	45,742	2	60,697	2	75,709	2	90,745	2	105,780	2	120,810	2	135,839
1/4	2,311	1/4	16,001	1/4	31,021	1/4	46,056	1/4	61,008	1/4	76,022	1/4	91,058	1/4	106,094	1/4	121,123	1/4	136,153
1/2	2,574	1/2	16,310	1/2	31,334	1/2	46,369	1/2	61,319	1/2	76,335	1/2	91,371	1/2	106,407	1/2	121,437	1/2	136,466
3/4	2,836	3/4	16,619	3/4	31,647	3/4	46,682	3/4	61,630	3/4	76,649	3/4	91,684	3/4	106,720	3/4	121,750	3/4	136,779
3	3,098	3	16,929	3	31,960	3	46,995	3	61,941	3	76,962	3	91,998	3	107,033	3	122,063	3	137,092
1/4	3,365	1/4	17,241	1/4	32,273	1/4	47,309	1/4	62,252	1/4	77,275	1/4	92,311	1/4	107,346	1/4	122,376	1/4	137,405
1/2	3,631	1/2	17,553	1/2	32,587	1/2	47,622	1/2	62,563	1/2	77,588	1/2	92,624	1/2	107,660	1/2	122,689	1/2	137,718
3/4	3,898	3/4	17,866	3/4	32,900	3/4	47,935	3/4	62,874	3/4	77,902	3/4	92,937	3/4	107,973	3/4	123,002	3/4	138,031
4	4,165	4	18,178	4	33,213	4	48,248	4	63,185	4	78,215	4	93,251	4	108,286	4	123,315	4	138,344
1/4	4,435	1/4	18,491	1/4	33,526	1/4	48,561	1/4	63,497	1/4	78,528	1/4	93,564	1/4	108,599	1/4	123,628	1/4	138,657
1/2	4,706	1/2	18,804	1/2	33,840	1/2	48,873	1/2	63,809	1/2	78,841	1/2	93,877	1/2	108,912	1/2	123,941	1/2	138,971
3/4	4,977	3/4	19,118	3/4	34,153	3/4	49,186	3/4	64,121	3/4	79,155	3/4	94,190	3/4	109,225	3/4	124,254	3/4	139,284
5	5,248	5	19,431	5	34,466	5	49,498	5	64,433	5	79,468	5	94,504	5	109,538	5	124,568	5	139,597
1/4	5,523	1/4	19,744	1/4	34,779	1/4	49,810	1/4	64,746	1/4	79,781	1/4	94,817	1/4	109,852	1/4	124,881	1/4	139,910
1/2	5,797	1/2	20,057	1/2	35,093	1/2	50,122	1/2	65,059	1/2	80,094	1/2	95,130	1/2	110,165	1/2	125,194	1/2	140,223
3/4	6,072	3/4	20,371	3/4	35,406	3/4	50,434	3/4	65,372	3/4	80,408	3/4	95,443	3/4	110,478	3/4	125,507	3/4	140,536
6	6,347	6	20,684	6	35,719	6	50,746	6	65,685	6	80,721	6	95,757	6	110,791	6	125,820	6	140,849
1/4	6,625	1/4	20,997	1/4	36,032	1/4	51,057	1/4	65,998	1/4	81,034	1/4	96,070	1/4	111,104	1/4	126,133	1/4	141,162
1/2	6,904	1/2	21,310	1/2	36,345	1/2	51,369	1/2	66,312	1/2	81,347	1/2	96,383	1/2	111,417	1/2	126,446	1/2	141,475
3/4	7,182	3/4	21,624	3/4	36,659	3/4	51,680	3/4	66,625	3/4	81,661	3/4	96,696	3/4	111,730	3/4	126,759	3/4	141,789
7	7,461	7	21,937	7	36,972	7	51,992	7	66,938	7	81,974	7	97,010	7	112,043	7	127,072	7	142,102
1/4	7,743	1/4	22,250	1/4	37,285	1/4	52,303	1/4	67,251	1/4	82,287	1/4	97,323	1/4	112,356	1/4	127,386	1/4	142,415
1/2	8,025	1/2	22,563	1/2	37,598	1/2	52,614	1/2	67,565	1/2	82,600	1/2	97,636	1/2	112,670	1/2	127,699	1/2	142,728
3/4	8,308	3/4	22,876	3/4	37,912	3/4	52,925	3/4	67,878	3/4	82,914	3/4	97,949	3/4	112,983	3/4	128,012	3/4	143,041
8	8,590	8	23,190	8	38,225	8	53,236	8	68,191	8	83,227	8	98,262	8	113,296	8	128,325	8	143,354
1/4	8,876	1/4	23,503	1/4	38,538	1/4	53,547	1/4	68,504	1/4	83,540	1/4	98,576	1/4	113,609	1/4	128,638	1/4	143,667
1/2	9,163	1/2	23,816	1/2	38,851	1/2	53,858	1/2	68,818	1/2	83,853	1/2	98,889	1/2	113,922	1/2	128,951	1/2	143,980
3/4	9,449	3/4	24,129	3/4	39,165	3/4	54,169	3/4	69,131	3/4	84,167	3/4	99,202	3/4	114,235	3/4	129,264	3/4	144,293
9	9,735	9	24,443	9	39,478	9	54,480	9	69,444	9	84,480	9	99,515	9	114,548	9	129,577	9	144,606
1/4	10,025	1/4	24,756	1/4	39,791	1/4	54,791	1/4	69,757	1/4	84,793	1/4	99,829	1/4	114,861	1/4	129,890	1/4	144,920
1/2	10,315	1/2	25,069	1/2	40,104	1/2	55,101	1/2	70,071	1/2	85,106	1/2	100,142	1/2	115,174	1/2	130,204	1/2	145,233
3/4	10,605	3/4	25,382	3/4	40,418	3/4	55,412	3/4	70,384	3/4	85,420	3/4	100,455	3/4	115,487	3/4	130,517	3/4	145,546
10	10,896	10	25,696	10	40,731	10	55,723	10	70,697	10	85,733	10	100,768	10	115,801	10	130,830	10	145,859
1/4	11,190	1/4	26,009	1/4	41,044	1/4	56,034	1/4	71,010	1/4	86,046	1/4	101,082	1/4	116,114	1/4	131,143	1/4	146,172
1/2	11,483	1/2	26,322	1/2	41,357	1/2	56,345	1/2	71,324	1/2	86,359	1/2	101,395	1/2	116,427	1/2	131,456	1/2	146,485
3/4	11,777	3/4	26,635	3/4	41,670	3/4	56,656	3/4	71,637	3/4	86,673	3/4	101,708	3/4	116,740	3/4	131,769	3/4	146,798
11	12,071	11	26,948	11	41,984	11	56,967	11	71,950	11	86,986	11	102,021	11	117,053	11	132,082	11	147,111
1/4	12,369	1/4	27,262	1/4	42,297	1/4	57,278	1/4	72,263	1/4	87,299	1/4	102,335	1/4	117,366	1/4	132,395	1/4	147,424
1/2	12,667	1/2	27,575	1/2	42,610	1/2	57,588	1/2	72,577	1/2	87,612	1/2	102,648	1/2	117,679	1/2	132,708	1/2	147,738
3/4	12,965	3/4	27,888	3/4	42,923	3/4	57,899	3/4	72,890	3/4	87,925	3/4	102,961	3/4	117,992	3/4	133,021	3/4	148,051

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

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

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HSM 3032"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,364	0	163,393	0	178,413	0	193,398	0	208,311	0		0		0		0		0	
1/4	148,677	1/4	163,706	1/4	178,725	1/4	193,710	1/4	208,591	1/4		1/4		1/4		1/4		1/4	
1/2	148,990	1/2	164,019	1/2	179,037	1/2	194,023	1/2	208,872	1/2		1/2		1/2		1/2		1/2	
3/4	149,303	3/4	164,332	3/4	179,350	3/4	194,335	3/4	209,152	3/4		3/4		3/4		3/4		3/4	
1	149,616	1	164,645	1	179,662	1	194,647	1	209,432	1		1		1		1		1	
1/4	149,929	1/4	164,958	1/4	179,974	1/4	194,959	1/4	209,664	1/4		1/4		1/4		1/4		1/4	
1/2	150,242	1/2	165,272	1/2	180,286	1/2	195,271	1/2	209,896	1/2		1/2		1/2		1/2		1/2	
3/4	150,556	3/4	165,585	3/4	180,598	3/4	195,584	3/4	210,128	3/4		3/4		3/4		3/4		3/4	
2	150,869	2	165,898	2	180,910	2	195,896	2	210,360	2		2		2		2		2	
1/4	151,182	1/4	166,211	1/4	181,223	1/4	196,208	1/4	210,540	1/4		1/4		1/4		1/4		1/4	
1/2	151,495	1/2	166,524	1/2	181,535	1/2	196,520	1/2	210,719	1/2		1/2		1/2		1/2		1/2	
3/4	151,808	3/4	166,837	3/4	181,847	3/4	196,832	3/4	210,899	3/4		3/4		3/4		3/4		3/4	
3	152,121	3	167,150	3	182,159	3	197,145	3	211,079	3		3		3		3		3	
1/4	152,434	1/4	167,463	1/4	182,471	1/4	197,457	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,747	1/2	167,776	1/2	182,784	1/2	197,769	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,060	3/4	168,090	3/4	183,096	3/4	198,081	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,373	4	168,403	4	183,408	4	198,393	4		4		4		4		4		4	
1/4	153,687	1/4	168,716	1/4	183,720	1/4	198,706	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,000	1/2	169,029	1/2	184,032	1/2	199,018	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,313	3/4	169,342	3/4	184,345	3/4	199,330	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,626	5	169,655	5	184,657	5	199,642	5		5		5		5		5		5	
1/4	154,939	1/4	169,968	1/4	184,969	1/4	199,953	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,252	1/2	170,281	1/2	185,281	1/2	200,264	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,565	3/4	170,594	3/4	185,593	3/4	200,576	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,878	6	170,908	6	185,906	6	200,887	6		6		6		6		6		6	
1/4	156,191	1/4	171,221	1/4	186,218	1/4	201,197	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,505	1/2	171,534	1/2	186,530	1/2	201,507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,818	3/4	171,847	3/4	186,842	3/4	201,817	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,131	7	172,160	7	187,154	7	202,127	7		7		7		7		7		7	
1/4	157,444	1/4	172,473	1/4	187,467	1/4	202,437	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,757	1/2	172,786	1/2	187,779	1/2	202,747	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,070	3/4	173,099	3/4	188,091	3/4	203,057	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,383	8	173,412	8	188,403	8	203,367	8		8		8		8		8		8	
1/4	158,696	1/4	173,725	1/4	188,715	1/4	203,677	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,009	1/2	174,039	1/2	189,028	1/2	203,988	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,323	3/4	174,352	3/4	189,340	3/4	204,298	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,636	9	174,665	9	189,652	9	204,608	9		9		9		9		9		9	
1/4	159,949	1/4	174,977	1/4	189,964	1/4	204,918	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,262	1/2	175,290	1/2	190,276	1/2	205,228	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,575	3/4	175,603	3/4	190,589	3/4	205,538	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,888	10	175,915	10	190,901	10	205,848	10		10		10		10		10		10	
1/4	161,201	1/4	176,228	1/4	191,213	1/4	206,158	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,514	1/2	176,540	1/2	191,525	1/2	206,468	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,827	3/4	176,852	3/4	191,837	3/4	206,777	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,140	11	177,164	11	192,149	11	207,087	11		11		11		11		11		11	
1/4	162,454	1/4	177,476	1/4	192,462	1/4	207,393	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,767	1/2	177,789	1/2	192,774	1/2	207,699	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,080	3/4	178,101	3/4	193,086	3/4	208,005	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 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 3032"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	386	0	13,264	0	28,204	0	43,241	0	58,273	0	73,308	0	88,345	0	103,382	0	118,415	0	133,446
1/4	563	1/4	13,566	1/4	28,518	1/4	43,554	1/4	58,586	1/4	73,621	1/4	88,658	1/4	103,696	1/4	118,728	1/4	133,759
1/2	740	1/2	13,867	1/2	28,831	1/2	43,868	1/2	58,900	1/2	73,934	1/2	88,972	1/2	104,009	1/2	119,041	1/2	134,072
3/4	917	3/4	14,169	3/4	29,144	3/4	44,181	3/4	59,213	3/4	74,248	3/4	89,285	3/4	104,322	3/4	119,354	3/4	134,385
1	1,094	1	14,471	1	29,457	1	44,494	1	59,526	1	74,561	1	89,598	1	104,635	1	119,667	1	134,698
1/4	1,333	1/4	14,776	1/4	29,771	1/4	44,807	1/4	59,839	1/4	74,874	1/4	89,911	1/4	104,949	1/4	119,981	1/4	135,011
1/2	1,572	1/2	15,082	1/2	30,084	1/2	45,121	1/2	60,152	1/2	75,188	1/2	90,225	1/2	105,262	1/2	120,294	1/2	135,324
3/4	1,811	3/4	15,388	3/4	30,397	3/4	45,434	3/4	60,465	3/4	75,501	3/4	90,538	3/4	105,575	3/4	120,607	3/4	135,637
2	2,050	2	15,693	2	30,711	2	45,747	2	60,778	2	75,814	2	90,851	2	105,888	2	120,920	2	135,951
1/4	2,312	1/4	16,002	1/4	31,024	1/4	46,061	1/4	61,091	1/4	76,127	1/4	91,165	1/4	106,202	1/4	121,233	1/4	136,264
1/2	2,574	1/2	16,312	1/2	31,337	1/2	46,374	1/2	61,404	1/2	76,441	1/2	91,478	1/2	106,515	1/2	121,546	1/2	136,577
3/4	2,836	3/4	16,621	3/4	31,650	3/4	46,687	3/4	61,717	3/4	76,754	3/4	91,791	3/4	106,828	3/4	121,859	3/4	136,890
3	3,098	3	16,931	3	31,964	3	47,000	3	62,030	3	77,067	3	92,104	3	107,142	3	122,172	3	137,203
1/4	3,365	1/4	17,243	1/4	32,277	1/4	47,314	1/4	62,343	1/4	77,380	1/4	92,418	1/4	107,455	1/4	122,486	1/4	137,516
1/2	3,632	1/2	17,555	1/2	32,590	1/2	47,627	1/2	62,657	1/2	77,694	1/2	92,731	1/2	107,768	1/2	122,799	1/2	137,829
3/4	3,898	3/4	17,868	3/4	32,903	3/4	47,940	3/4	62,970	3/4	78,007	3/4	93,044	3/4	108,081	3/4	123,112	3/4	138,143
4	4,165	4	18,180	4	33,217	4	48,253	4	63,283	4	78,320	4	93,357	4	108,394	4	123,425	4	138,456
1/4	4,436	1/4	18,493	1/4	33,530	1/4	48,567	1/4	63,596	1/4	78,634	1/4	93,671	1/4	108,708	1/4	123,738	1/4	138,769
1/2	4,707	1/2	18,806	1/2	33,843	1/2	48,880	1/2	63,910	1/2	78,947	1/2	93,984	1/2	109,021	1/2	124,051	1/2	139,082
3/4	4,978	3/4	19,120	3/4	34,156	3/4	49,193	3/4	64,223	3/4	79,260	3/4	94,297	3/4	109,334	3/4	124,364	3/4	139,395
5	5,249	5	19,433	5	34,470	5	49,506	5	64,536	5	79,573	5	94,611	5	109,647	5	124,678	5	139,708
1/4	5,523	1/4	19,746	1/4	34,783	1/4	49,820	1/4	64,849	1/4	79,887	1/4	94,924	1/4	109,960	1/4	124,991	1/4	140,021
1/2	5,798	1/2	20,059	1/2	35,096	1/2	50,133	1/2	65,163	1/2	80,200	1/2	95,237	1/2	110,273	1/2	125,304	1/2	140,335
3/4	6,073	3/4	20,373	3/4	35,409	3/4	50,446	3/4	65,476	3/4	80,513	3/4	95,550	3/4	110,586	3/4	125,617	3/4	140,648
6	6,347	6	20,686	6	35,723	6	50,759	6	65,789	6	80,826	6	95,864	6	110,899	6	125,930	6	140,961
1/4	6,626	1/4	20,999	1/4	36,036	1/4	51,073	1/4	66,103	1/4	81,140	1/4	96,177	1/4	111,213	1/4	126,243	1/4	141,274
1/2	6,904	1/2	21,313	1/2	36,349	1/2	51,386	1/2	66,416	1/2	81,453	1/2	96,490	1/2	111,526	1/2	126,556	1/2	141,587
3/4	7,183	3/4	21,626	3/4	36,663	3/4	51,699	3/4	66,729	3/4	81,766	3/4	96,803	3/4	111,839	3/4	126,870	3/4	141,900
7	7,462	7	21,939	7	36,976	7	52,012	7	67,042	7	82,080	7	97,117	7	112,152	7	127,183	7	142,213
1/4	7,744	1/4	22,252	1/4	37,289	1/4	52,325	1/4	67,356	1/4	82,393	1/4	97,430	1/4	112,465	1/4	127,496	1/4	142,527
1/2	8,026	1/2	22,566	1/2	37,602	1/2	52,639	1/2	67,669	1/2	82,706	1/2	97,743	1/2	112,778	1/2	127,809	1/2	142,840
3/4	8,309	3/4	22,879	3/4	37,916	3/4	52,952	3/4	67,982	3/4	83,019	3/4	98,057	3/4	113,091	3/4	128,122	3/4	143,153
8	8,591	8	23,192	8	38,229	8	53,265	8	68,295	8	83,333	8	98,370	8	113,405	8	128,435	8	143,466
1/4	8,877	1/4	23,505	1/4	38,542	1/4	53,578	1/4	68,609	1/4	83,646	1/4	98,683	1/4	113,718	1/4	128,748	1/4	143,779
1/2	9,164	1/2	23,819	1/2	38,855	1/2	53,891	1/2	68,922	1/2	83,959	1/2	98,996	1/2	114,031	1/2	129,062	1/2	144,092
3/4	9,450	3/4	24,132	3/4	39,169	3/4	54,204	3/4	69,235	3/4	84,272	3/4	99,310	3/4	114,344	3/4	129,375	3/4	144,406
9	9,736	9	24,445	9	39,482	9	54,517	9	69,549	9	84,586	9	99,623	9	114,657	9	129,688	9	144,719
1/4	10,026	1/4	24,758	1/4	39,795	1/4	54,830	1/4	69,862	1/4	84,899	1/4	99,936	1/4	114,970	1/4	130,001	1/4	145,032
1/2	10,317	1/2	25,072	1/2	40,108	1/2	55,143	1/2	70,175	1/2	85,212	1/2	100,250	1/2	115,283	1/2	130,314	1/2	145,345
3/4	10,607	3/4	25,385	3/4	40,422	3/4	55,456	3/4	70,488	3/4	85,526	3/4	100,563	3/4	115,597	3/4	130,627	3/4	145,658
10	10,897	10	25,698	10	40,735	10	55,769	10	70,802	10	85,839	10	100,876	10	115,910	10	130,940	10	145,971
1/4	11,191	1/4	26,012	1/4	41,048	1/4	56,082	1/4	71,115	1/4	86,152	1/4	101,189	1/4	116,223	1/4	131,254	1/4	146,284
1/2	11,485	1/2	26,325	1/2	41,362	1/2	56,395	1/2	71,428	1/2	86,465	1/2	101,503	1/2	116,536	1/2	131,567	1/2	146,598
3/4	11,779	3/4	26,638	3/4	41,675	3/4	56,708	3/4	71,741	3/4	86,779	3/4	101,816	3/4	116,849	3/4	131,880	3/4	146,911
11	12,073	11	26,951	11	41,988	11	57,021	11	72,055	11	87,092	11	102,129	11	117,162	11	132,193	11	147,224
1/4	12,371	1/4	27,265	1/4	42,301	1/4	57,334	1/4	72,368	1/4	87,405	1/4	102,442	1/4	117,475	1/4	132,506	1/4	147,537
1/2	12,668	1/2	27,578	1/2	42,615	1/2	57,647	1/2	72,681	1/2	87,719	1/2	102,756	1/2	117,789	1/2	132,819	1/2	147,850
3/4	12,966	3/4	27,891	3/4	42,928	3/4	57,960	3/4	72,995	3/4	88,032	3/4	103,069	3/4	118,102	3/4	133,132	3/4	148,163

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HSM 3032"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,476	0	163,507	0	178,529	0	193,516	0	208,431	0		0		0		0		0	
1/4	148,790	1/4	163,820	1/4	178,841	1/4	193,828	1/4	208,711	1/4		1/4		1/4		1/4		1/4	
1/2	149,103	1/2	164,134	1/2	179,154	1/2	194,141	1/2	208,992	1/2		1/2		1/2		1/2		1/2	
3/4	149,416	3/4	164,447	3/4	179,466	3/4	194,453	3/4	209,272	3/4		3/4		3/4		3/4		3/4	
1	149,729	1	164,760	1	179,778	1	194,765	1	209,552	1		1		1		1		1	
1/4	150,042	1/4	165,073	1/4	180,090	1/4	195,077	1/4	209,784	1/4		1/4		1/4		1/4		1/4	
1/2	150,355	1/2	165,386	1/2	180,403	1/2	195,390	1/2	210,016	1/2		1/2		1/2		1/2		1/2	
3/4	150,668	3/4	165,699	3/4	180,715	3/4	195,702	3/4	210,248	3/4		3/4		3/4		3/4		3/4	
2	150,982	2	166,012	2	181,027	2	196,014	2	210,480	2		2		2		2		2	
1/4	151,295	1/4	166,326	1/4	181,339	1/4	196,326	1/4	210,660	1/4		1/4		1/4		1/4		1/4	
1/2	151,608	1/2	166,639	1/2	181,651	1/2	196,639	1/2	210,839	1/2		1/2		1/2		1/2		1/2	
3/4	151,921	3/4	166,952	3/4	181,964	3/4	196,951	3/4	211,019	3/4		3/4		3/4		3/4		3/4	
3	152,234	3	167,265	3	182,276	3	197,263	3	211,199	3		3		3		3		3	
1/4	152,547	1/4	167,578	1/4	182,588	1/4	197,575	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,860	1/2	167,891	1/2	182,900	1/2	197,887	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,174	3/4	168,204	3/4	183,213	3/4	198,200	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,487	4	168,518	4	183,525	4	198,512	4		4		4		4		4		4	
1/4	153,800	1/4	168,831	1/4	183,837	1/4	198,824	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,113	1/2	169,144	1/2	184,149	1/2	199,136	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,426	3/4	169,457	3/4	184,462	3/4	199,449	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,739	5	169,770	5	184,774	5	199,761	5		5		5		5		5		5	
1/4	155,052	1/4	170,083	1/4	185,086	1/4	200,072	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,366	1/2	170,397	1/2	185,398	1/2	200,383	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,679	3/4	170,710	3/4	185,710	3/4	200,694	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,992	6	171,023	6	186,023	6	201,005	6		6		6		6		6		6	
1/4	156,305	1/4	171,336	1/4	186,335	1/4	201,316	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,618	1/2	171,649	1/2	186,647	1/2	201,626	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,931	3/4	171,962	3/4	186,959	3/4	201,936	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,244	7	172,275	7	187,272	7	202,246	7		7		7		7		7		7	
1/4	157,558	1/4	172,589	1/4	187,584	1/4	202,556	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,871	1/2	172,902	1/2	187,896	1/2	202,866	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,184	3/4	173,215	3/4	188,208	3/4	203,176	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,497	8	173,528	8	188,521	8	203,486	8		8		8		8		8		8	
1/4	158,810	1/4	173,841	1/4	188,833	1/4	203,797	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,123	1/2	174,154	1/2	189,145	1/2	204,107	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,436	3/4	174,467	3/4	189,457	3/4	204,417	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,750	9	174,781	9	189,769	9	204,727	9		9		9		9		9		9	
1/4	160,063	1/4	175,093	1/4	190,082	1/4	205,037	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,376	1/2	175,406	1/2	190,394	1/2	205,348	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,689	3/4	175,719	3/4	190,706	3/4	205,658	3/4		3/4		3/4		3/4		3/4		3/4	
10	161,002	10	176,031	10	191,018	10	205,968	10		10		10		10		10		10	
1/4	161,315	1/4	176,343	1/4	191,331	1/4	206,278	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,628	1/2	176,656	1/2	191,643	1/2	206,587	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,942	3/4	176,968	3/4	191,955	3/4	206,897	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,255	11	177,280	11	192,267	11	207,207	11		11		11		11		11		11	
1/4	162,568	1/4	177,592	1/4	192,580	1/4	207,513	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,881	1/2	177,905	1/2	192,892	1/2	207,819	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,194	3/4	178,217	3/4	193,204	3/4	208,125	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 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 3032"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

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

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3032"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 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 3032"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE 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	1,033	0	15,711	0	30,788	0	45,847	0	60,912	0	75,991	0	91,070	0	106,150	0	121,224	0	136,296
1/4	1,268	1/4	16,025	1/4	31,102	1/4	46,160	1/4	61,226	1/4	76,305	1/4	91,385	1/4	106,464	1/4	121,538	1/4	136,610
1/2	1,504	1/2	16,339	1/2	31,416	1/2	46,474	1/2	61,540	1/2	76,619	1/2	91,699	1/2	106,778	1/2	121,852	1/2	136,924
3/4	1,739	3/4	16,654	3/4	31,731	3/4	46,787	3/4	61,854	3/4	76,934	3/4	92,013	3/4	107,092	3/4	122,166	3/4	137,238
1	1,975	1	16,968	1	32,045	1	47,100	1	62,168	1	77,248	1	92,327	1	107,407	1	122,480	1	137,552
1/4	2,269	1/4	17,282	1/4	32,359	1/4	47,413	1/4	62,482	1/4	77,562	1/4	92,641	1/4	107,721	1/4	122,794	1/4	137,866
1/2	2,562	1/2	17,596	1/2	32,673	1/2	47,726	1/2	62,797	1/2	77,876	1/2	92,955	1/2	108,035	1/2	123,108	1/2	138,180
3/4	2,856	3/4	17,910	3/4	32,987	3/4	48,040	3/4	63,111	3/4	78,190	3/4	93,270	3/4	108,349	3/4	123,422	3/4	138,494
2	3,150	2	18,224	2	33,301	2	48,353	2	63,425	2	78,504	2	93,584	2	108,663	2	123,736	2	138,808
1/4	3,463	1/4	18,538	1/4	33,616	1/4	48,666	1/4	63,739	1/4	78,818	1/4	93,898	1/4	108,977	1/4	124,050	1/4	139,122
1/2	3,776	1/2	18,853	1/2	33,930	1/2	48,980	1/2	64,053	1/2	79,133	1/2	94,212	1/2	109,291	1/2	124,364	1/2	139,436
3/4	4,089	3/4	19,167	3/4	34,244	3/4	49,293	3/4	64,367	3/4	79,447	3/4	94,526	3/4	109,606	3/4	124,678	3/4	139,750
3	4,403	3	19,481	3	34,558	3	49,606	3	64,681	3	79,761	3	94,840	3	109,920	3	124,992	3	140,064
1/4	4,717	1/4	19,795	1/4	34,872	1/4	49,920	1/4	64,996	1/4	80,075	1/4	95,155	1/4	110,234	1/4	125,306	1/4	140,378
1/2	5,030	1/2	20,109	1/2	35,186	1/2	50,233	1/2	65,310	1/2	80,389	1/2	95,469	1/2	110,548	1/2	125,620	1/2	140,692
3/4	5,344	3/4	20,423	3/4	35,500	3/4	50,547	3/4	65,624	3/4	80,703	3/4	95,783	3/4	110,862	3/4	125,934	3/4	141,006
4	5,658	4	20,738	4	35,815	4	50,860	4	65,938	4	81,018	4	96,097	4	111,176	4	126,248	4	141,320
1/4	5,972	1/4	21,052	1/4	36,129	1/4	51,174	1/4	66,252	1/4	81,332	1/4	96,411	1/4	111,490	1/4	126,562	1/4	141,634
1/2	6,286	1/2	21,366	1/2	36,443	1/2	51,488	1/2	66,566	1/2	81,646	1/2	96,725	1/2	111,804	1/2	126,876	1/2	141,948
3/4	6,601	3/4	21,680	3/4	36,757	3/4	51,801	3/4	66,881	3/4	81,960	3/4	97,039	3/4	112,118	3/4	127,190	3/4	142,262
5	6,915	5	21,994	5	37,071	5	52,115	5	67,195	5	82,274	5	97,354	5	112,432	5	127,504	5	142,576
1/4	7,229	1/4	22,308	1/4	37,385	1/4	52,429	1/4	67,509	1/4	82,588	1/4	97,668	1/4	112,746	1/4	127,818	1/4	142,890
1/2	7,543	1/2	22,622	1/2	37,700	1/2	52,744	1/2	67,823	1/2	82,902	1/2	97,982	1/2	113,060	1/2	128,132	1/2	143,204
3/4	7,857	3/4	22,937	3/4	38,014	3/4	53,058	3/4	68,137	3/4	83,217	3/4	98,296	3/4	113,374	3/4	128,446	3/4	143,518
6	8,171	6	23,251	6	38,328	6	53,372	6	68,451	6	83,531	6	98,610	6	113,688	6	128,760	6	143,832
1/4	8,486	1/4	23,565	1/4	38,642	1/4	53,686	1/4	68,765	1/4	83,845	1/4	98,924	1/4	114,002	1/4	129,074	1/4	144,146
1/2	8,800	1/2	23,879	1/2	38,955	1/2	54,000	1/2	69,080	1/2	84,159	1/2	99,239	1/2	114,316	1/2	129,388	1/2	144,460
3/4	9,114	3/4	24,193	3/4	39,269	3/4	54,314	3/4	69,394	3/4	84,473	3/4	99,553	3/4	114,630	3/4	129,702	3/4	144,774
7	9,428	7	24,507	7	39,583	7	54,629	7	69,708	7	84,787	7	99,867	7	114,944	7	130,016	7	145,088
1/4	9,742	1/4	24,822	1/4	39,896	1/4	54,943	1/4	70,022	1/4	85,102	1/4	100,181	1/4	115,258	1/4	130,330	1/4	145,402
1/2	10,056	1/2	25,136	1/2	40,209	1/2	55,257	1/2	70,336	1/2	85,416	1/2	100,495	1/2	115,572	1/2	130,644	1/2	145,716
3/4	10,370	3/4	25,450	3/4	40,522	3/4	55,571	3/4	70,650	3/4	85,730	3/4	100,809	3/4	115,886	3/4	130,958	3/4	146,030
8	10,685	8	25,764	8	40,836	8	55,885	8	70,965	8	86,044	8	101,123	8	116,200	8	131,272	8	146,344
1/4	10,999	1/4	26,078	1/4	41,149	1/4	56,199	1/4	71,279	1/4	86,358	1/4	101,438	1/4	116,514	1/4	131,586	1/4	146,658
1/2	11,313	1/2	26,392	1/2	41,462	1/2	56,513	1/2	71,593	1/2	86,672	1/2	101,752	1/2	116,828	1/2	131,900	1/2	146,972
3/4	11,627	3/4	26,706	3/4	41,775	3/4	56,828	3/4	71,907	3/4	86,986	3/4	102,066	3/4	117,142	3/4	132,214	3/4	147,286
9	11,941	9	27,020	9	42,088	9	57,142	9	72,221	9	87,301	9	102,380	9	117,456	9	132,528	9	147,600
1/4	12,255	1/4	27,334	1/4	42,402	1/4	57,456	1/4	72,535	1/4	87,615	1/4	102,694	1/4	117,770	1/4	132,842	1/4	147,914
1/2	12,570	1/2	27,648	1/2	42,715	1/2	57,770	1/2	72,849	1/2	87,929	1/2	103,008	1/2	118,084	1/2	133,156	1/2	148,228
3/4	12,884	3/4	27,962	3/4	43,028	3/4	58,084	3/4	73,164	3/4	88,243	3/4	103,323	3/4	118,398	3/4	133,470	3/4	148,542
10	13,198	10	28,276	10	43,341	10	58,398	10	73,478	10	88,557	10	103,637	10	118,712	10	133,784	10	148,856
1/4	13,512	1/4	28,590	1/4	43,655	1/4	58,713	1/4	73,792	1/4	88,871	1/4	103,951	1/4	119,026	1/4	134,098	1/4	149,170
1/2	13,826	1/2	28,904	1/2	43,968	1/2	59,027	1/2	74,106	1/2	89,186	1/2	104,265	1/2	119,340	1/2	134,412	1/2	149,484
3/4	14,140	3/4	29,218	3/4	44,281	3/4	59,341	3/4	74,420	3/4	89,500	3/4	104,579	3/4	119,654	3/4	134,726	3/4	149,798
11	14,454	11	29,532	11	44,594	11	59,655	11	74,734	11	89,814	11	104,893	11	119,968	11	135,040	11	150,112
1/4	14,769	1/4	29,846	1/4	44,907	1/4	59,969	1/4	75,049	1/4	90,128	1/4	105,207	1/4	120,282	1/4	135,354	1/4	150,426
1/2	15,083	1/2	30,160	1/2	45,221	1/2	60,283	1/2	75,363	1/2	90,442	1/2	105,522	1/2	120,596	1/2	135,668	1/2	150,740
3/4	15,397	3/4	30,474	3/4	45,534	3/4	60,597	3/4	75,677	3/4	90,756	3/4	105,836	3/4	120,910	3/4	135,982	3/4	151,054

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HSM 3032"

2 STBD INNAGE 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	151,368	0	166,440	0	181,501	0	196,522	0	211,445	0		0		0		0		0	
1/4	151,682	1/4	166,754	1/4	181,814	1/4	196,835	1/4	211,726	1/4		1/4		1/4		1/4		1/4	
1/2	151,996	1/2	167,068	1/2	182,127	1/2	197,148	1/2	212,006	1/2		1/2		1/2		1/2		1/2	
3/4	152,310	3/4	167,382	3/4	182,440	3/4	197,460	3/4	212,286	3/4		3/4		3/4		3/4		3/4	
1	152,624	1	167,696	1	182,753	1	197,773	1	212,566	1		1		1		1		1	
1/4	152,938	1/4	168,010	1/4	183,066	1/4	198,086	1/4	212,797	1/4		1/4		1/4		1/4		1/4	
1/2	153,252	1/2	168,324	1/2	183,379	1/2	198,399	1/2	213,028	1/2		1/2		1/2		1/2		1/2	
3/4	153,566	3/4	168,638	3/4	183,691	3/4	198,712	3/4	213,260	3/4		3/4		3/4		3/4		3/4	
2	153,880	2	168,952	2	184,004	2	199,025	2	213,491	2		2		2		2		2	
1/4	154,194	1/4	169,266	1/4	184,317	1/4	199,338	1/4	213,670	1/4		1/4		1/4		1/4		1/4	
1/2	154,508	1/2	169,580	1/2	184,630	1/2	199,651	1/2	213,850	1/2		1/2		1/2		1/2		1/2	
3/4	154,822	3/4	169,894	3/4	184,943	3/4	199,964	3/4	214,029	3/4		3/4		3/4		3/4		3/4	
3	155,136	3	170,208	3	185,256	3	200,277	3	214,208	3		3		3		3		3	
1/4	155,450	1/4	170,522	1/4	185,569	1/4	200,590	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,764	1/2	170,836	1/2	185,882	1/2	200,903	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,078	3/4	171,150	3/4	186,195	3/4	201,216	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,392	4	171,464	4	186,508	4	201,529	4		4		4		4		4		4	
1/4	156,706	1/4	171,778	1/4	186,821	1/4	201,842	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,020	1/2	172,092	1/2	187,134	1/2	202,154	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,334	3/4	172,406	3/4	187,447	3/4	202,467	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,648	5	172,720	5	187,760	5	202,780	5		5		5		5		5		5	
1/4	157,962	1/4	173,034	1/4	188,072	1/4	203,092	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,276	1/2	173,348	1/2	188,385	1/2	203,403	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,590	3/4	173,662	3/4	188,698	3/4	203,714	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,904	6	173,976	6	189,011	6	204,026	6		6		6		6		6		6	
1/4	159,218	1/4	174,290	1/4	189,324	1/4	204,336	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,532	1/2	174,604	1/2	189,637	1/2	204,646	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,846	3/4	174,918	3/4	189,950	3/4	204,955	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,160	7	175,232	7	190,263	7	205,265	7		7		7		7		7		7	
1/4	160,474	1/4	175,546	1/4	190,576	1/4	205,575	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,788	1/2	175,860	1/2	190,889	1/2	205,885	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,102	3/4	176,174	3/4	191,202	3/4	206,195	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,416	8	176,488	8	191,515	8	206,505	8		8		8		8		8		8	
1/4	161,730	1/4	176,802	1/4	191,828	1/4	206,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,044	1/2	177,116	1/2	192,141	1/2	207,125	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,358	3/4	177,430	3/4	192,454	3/4	207,435	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,672	9	177,744	9	192,766	9	207,745	9		9		9		9		9		9	
1/4	162,986	1/4	178,057	1/4	193,079	1/4	208,055	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,300	1/2	178,371	1/2	193,392	1/2	208,365	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,614	3/4	178,684	3/4	193,705	3/4	208,674	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,928	10	178,997	10	194,018	10	208,984	10		10		10		10		10		10	
1/4	164,242	1/4	179,310	1/4	194,331	1/4	209,294	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,556	1/2	179,623	1/2	194,644	1/2	209,603	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,870	3/4	179,936	3/4	194,957	3/4	209,913	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,184	11	180,249	11	195,270	11	210,222	11		11		11		11		11		11	
1/4	165,498	1/4	180,562	1/4	195,583	1/4	210,528	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,812	1/2	180,875	1/2	195,896	1/2	210,834	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,126	3/4	181,188	3/4	196,209	3/4	211,140	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 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 3032"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,027	0	15,621	0	30,599	0	45,347	0	59,893	0	74,792	0	89,747	0	104,713	0	119,670	0	134,623
1/4	1,262	1/4	15,933	1/4	30,911	1/4	45,649	1/4	60,205	1/4	75,102	1/4	90,058	1/4	105,025	1/4	119,981	1/4	134,935
1/2	1,496	1/2	16,245	1/2	31,223	1/2	45,950	1/2	60,517	1/2	75,412	1/2	90,370	1/2	105,337	1/2	120,293	1/2	135,246
3/4	1,730	3/4	16,557	3/4	31,535	3/4	46,252	3/4	60,828	3/4	75,722	3/4	90,682	3/4	105,649	3/4	120,605	3/4	135,558
1	1,965	1	16,870	1	31,847	1	46,553	1	61,140	1	76,032	1	90,993	1	105,961	1	120,916	1	135,869
1/4	2,257	1/4	17,182	1/4	32,159	1/4	46,855	1/4	61,452	1/4	76,342	1/4	91,305	1/4	106,273	1/4	121,228	1/4	136,181
1/2	2,549	1/2	17,494	1/2	32,471	1/2	47,157	1/2	61,763	1/2	76,652	1/2	91,617	1/2	106,585	1/2	121,539	1/2	136,492
3/4	2,842	3/4	17,806	3/4	32,783	3/4	47,459	3/4	62,075	3/4	76,962	3/4	91,928	3/4	106,896	3/4	121,851	3/4	136,804
2	3,134	2	18,118	2	33,095	2	47,760	2	62,387	2	77,272	2	92,240	2	107,208	2	122,162	2	137,115
1/4	3,445	1/4	18,430	1/4	33,407	1/4	48,063	1/4	62,698	1/4	77,583	1/4	92,552	1/4	107,520	1/4	122,474	1/4	137,427
1/2	3,757	1/2	18,742	1/2	33,719	1/2	48,365	1/2	63,009	1/2	77,894	1/2	92,864	1/2	107,832	1/2	122,785	1/2	137,738
3/4	4,069	3/4	19,054	3/4	34,031	3/4	48,667	3/4	63,320	3/4	78,205	3/4	93,175	3/4	108,143	3/4	123,097	3/4	138,050
3	4,380	3	19,366	3	34,343	3	48,969	3	63,630	3	78,516	3	93,487	3	108,455	3	123,408	3	138,362
1/4	4,692	1/4	19,678	1/4	34,655	1/4	49,271	1/4	63,940	1/4	78,828	1/4	93,799	1/4	108,766	1/4	123,720	1/4	138,673
1/2	5,005	1/2	19,990	1/2	34,966	1/2	49,574	1/2	64,250	1/2	79,140	1/2	94,110	1/2	109,078	1/2	124,031	1/2	138,985
3/4	5,317	3/4	20,302	3/4	35,278	3/4	49,876	3/4	64,561	3/4	79,452	3/4	94,422	3/4	109,390	3/4	124,343	3/4	139,296
4	5,629	4	20,614	4	35,590	4	50,178	4	64,871	4	79,764	4	94,734	4	109,701	4	124,654	4	139,608
1/4	5,941	1/4	20,926	1/4	35,897	1/4	50,480	1/4	65,181	1/4	80,076	1/4	95,045	1/4	110,013	1/4	124,966	1/4	139,919
1/2	6,254	1/2	21,239	1/2	36,205	1/2	50,783	1/2	65,491	1/2	80,388	1/2	95,357	1/2	110,324	1/2	125,277	1/2	140,231
3/4	6,566	3/4	21,551	3/4	36,513	3/4	51,085	3/4	65,801	3/4	80,700	3/4	95,669	3/4	110,636	3/4	125,589	3/4	140,542
5	6,878	5	21,863	5	36,821	5	51,387	5	66,111	5	81,012	5	95,980	5	110,947	5	125,900	5	140,853
1/4	7,190	1/4	22,175	1/4	37,126	1/4	51,689	1/4	66,421	1/4	81,324	1/4	96,292	1/4	111,259	1/4	126,212	1/4	141,165
1/2	7,503	1/2	22,487	1/2	37,431	1/2	51,991	1/2	66,731	1/2	81,636	1/2	96,604	1/2	111,570	1/2	126,524	1/2	141,476
3/4	7,815	3/4	22,799	3/4	37,735	3/4	52,294	3/4	67,041	3/4	81,948	3/4	96,916	3/4	111,882	3/4	126,835	3/4	141,787
6	8,127	6	23,111	6	38,040	6	52,596	6	67,351	6	82,260	6	97,227	6	112,193	6	127,147	6	142,098
1/4	8,440	1/4	23,423	1/4	38,345	1/4	52,898	1/4	67,661	1/4	82,572	1/4	97,539	1/4	112,505	1/4	127,458	1/4	142,405
1/2	8,752	1/2	23,735	1/2	38,650	1/2	53,200	1/2	67,971	1/2	82,884	1/2	97,851	1/2	112,816	1/2	127,770	1/2	142,712
3/4	9,065	3/4	24,047	3/4	38,954	3/4	53,502	3/4	68,281	3/4	83,196	3/4	98,163	3/4	113,128	3/4	128,081	3/4	143,019
7	9,377	7	24,359	7	39,259	7	53,805	7	68,591	7	83,508	7	98,474	7	113,439	7	128,393	7	143,326
1/4	9,690	1/4	24,671	1/4	39,564	1/4	54,107	1/4	68,901	1/4	83,820	1/4	98,786	1/4	113,751	1/4	128,704	1/4	143,620
1/2	10,002	1/2	24,983	1/2	39,869	1/2	54,409	1/2	69,211	1/2	84,132	1/2	99,098	1/2	114,062	1/2	129,016	1/2	143,914
3/4	10,315	3/4	25,295	3/4	40,173	3/4	54,711	3/4	69,521	3/4	84,444	3/4	99,410	3/4	114,374	3/4	129,327	3/4	144,209
8	10,627	8	25,607	8	40,478	8	55,013	8	69,831	8	84,756	8	99,722	8	114,686	8	129,639	8	144,503
1/4	10,940	1/4	25,919	1/4	40,783	1/4	55,316	1/4	70,141	1/4	85,068	1/4	100,034	1/4	114,997	1/4	129,950	1/4	144,782
1/2	11,252	1/2	26,231	1/2	41,088	1/2	55,618	1/2	70,451	1/2	85,380	1/2	100,346	1/2	115,309	1/2	130,262	1/2	145,060
3/4	11,564	3/4	26,543	3/4	41,392	3/4	55,920	3/4	70,761	3/4	85,692	3/4	100,658	3/4	115,620	3/4	130,573	3/4	145,338
9	11,876	9	26,856	9	41,697	9	56,222	9	71,071	9	86,004	9	100,970	9	115,932	9	130,885	9	145,617
1/4	12,189	1/4	27,167	1/4	42,002	1/4	56,526	1/4	71,381	1/4	86,316	1/4	101,282	1/4	116,243	1/4	131,196	1/4	145,880
1/2	12,501	1/2	27,479	1/2	42,307	1/2	56,830	1/2	71,691	1/2	86,628	1/2	101,594	1/2	116,555	1/2	131,508	1/2	146,142
3/4	12,813	3/4	27,791	3/4	42,611	3/4	57,134	3/4	72,002	3/4	86,940	3/4	101,906	3/4	116,866	3/4	131,819	3/4	146,405
10	13,125	10	28,103	10	42,916	10	57,438	10	72,312	10	87,252	10	102,218	10	117,178	10	132,131	10	146,668
1/4	13,437	1/4	28,415	1/4	43,221	1/4	57,743	1/4	72,622	1/4	87,564	1/4	102,530	1/4	117,489	1/4	132,443	1/4	146,915
1/2	13,749	1/2	28,727	1/2	43,526	1/2	58,048	1/2	72,932	1/2	87,876	1/2	102,842	1/2	117,801	1/2	132,754	1/2	147,162
3/4	14,061	3/4	29,039	3/4	43,830	3/4	58,354	3/4	73,242	3/4	88,188	3/4	103,154	3/4	118,112	3/4	133,066	3/4	147,409
11	14,373	11	29,351	11	44,135	11	58,659	11	73,552	11	88,500	11	103,466	11	118,424	11	133,377	11	147,656
1/4	14,685	1/4	29,663	1/4	44,438	1/4	58,968	1/4	73,862	1/4	88,812	1/4	103,777	1/4	118,735	1/4	133,689	1/4	147,887
1/2	14,997	1/2	29,975	1/2	44,741	1/2	59,276	1/2	74,172	1/2	89,123	1/2	104,089	1/2	119,047	1/2	134,000	1/2	148,118
3/4	15,309	3/4	30,287	3/4	45,044	3/4	59,585	3/4	74,482	3/4	89,435	3/4	104,401	3/4	119,358	3/4	134,312	3/4	148,348

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HSM 3032"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,579	0	158,953	0	169,306	0	179,629	0	189,938	0		0		0		0		0	
1/4	148,799	1/4	159,169	1/4	169,521	1/4	179,844	1/4	190,131	1/4		1/4		1/4		1/4		1/4	
1/2	149,018	1/2	159,385	1/2	169,736	1/2	180,059	1/2	190,324	1/2		1/2		1/2		1/2		1/2	
3/4	149,237	3/4	159,601	3/4	169,951	3/4	180,274	3/4	190,517	3/4		3/4		3/4		3/4		3/4	
1	149,457	1	159,817	1	170,166	1	180,489	1	190,710	1		1		1		1		1	
1/4	149,673	1/4	160,032	1/4	170,381	1/4	180,704	1/4	190,869	1/4		1/4		1/4		1/4		1/4	
1/2	149,888	1/2	160,248	1/2	170,596	1/2	180,920	1/2	191,029	1/2		1/2		1/2		1/2		1/2	
3/4	150,104	3/4	160,464	3/4	170,811	3/4	181,135	3/4	191,188	3/4		3/4		3/4		3/4		3/4	
2	150,320	2	160,680	2	171,026	2	181,350	2	191,348	2		2		2		2		2	
1/4	150,536	1/4	160,896	1/4	171,241	1/4	181,565	1/4	191,471	1/4		1/4		1/4		1/4		1/4	
1/2	150,752	1/2	161,112	1/2	171,456	1/2	181,780	1/2	191,595	1/2		1/2		1/2		1/2		1/2	
3/4	150,968	3/4	161,327	3/4	171,671	3/4	181,995	3/4	191,718	3/4		3/4		3/4		3/4		3/4	
3	151,183	3	161,543	3	171,887	3	182,210	3	191,842	3		3		3		3		3	
1/4	151,399	1/4	161,759	1/4	172,102	1/4	182,425	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,615	1/2	161,975	1/2	172,317	1/2	182,640	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	151,831	3/4	162,191	3/4	172,532	3/4	182,855	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,047	4	162,407	4	172,747	4	183,070	4		4		4		4		4		4	
1/4	152,263	1/4	162,622	1/4	172,962	1/4	183,285	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,478	1/2	162,838	1/2	173,177	1/2	183,500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,694	3/4	163,054	3/4	173,392	3/4	183,716	3/4		3/4		3/4		3/4		3/4		3/4	
5	152,910	5	163,270	5	173,607	5	183,931	5		5		5		5		5		5	
1/4	153,126	1/4	163,486	1/4	173,822	1/4	184,146	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,342	1/2	163,702	1/2	174,037	1/2	184,361	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,558	3/4	163,917	3/4	174,252	3/4	184,576	3/4		3/4		3/4		3/4		3/4		3/4	
6	153,773	6	164,133	6	174,467	6	184,791	6		6		6		6		6		6	
1/4	153,989	1/4	164,349	1/4	174,682	1/4	185,006	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,205	1/2	164,565	1/2	174,898	1/2	185,221	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,421	3/4	164,781	3/4	175,113	3/4	185,436	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,637	7	164,997	7	175,328	7	185,651	7		7		7		7		7		7	
1/4	154,853	1/4	165,212	1/4	175,543	1/4	185,866	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,068	1/2	165,428	1/2	175,758	1/2	186,081	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,284	3/4	165,644	3/4	175,973	3/4	186,297	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,500	8	165,860	8	176,188	8	186,512	8		8		8		8		8		8	
1/4	155,716	1/4	166,076	1/4	176,403	1/4	186,727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,932	1/2	166,292	1/2	176,618	1/2	186,942	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,148	3/4	166,507	3/4	176,833	3/4	187,157	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,363	9	166,723	9	177,048	9	187,372	9		9		9		9		9		9	
1/4	156,579	1/4	166,939	1/4	177,263	1/4	187,588	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,795	1/2	167,154	1/2	177,478	1/2	187,803	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,011	3/4	167,370	3/4	177,693	3/4	188,018	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,227	10	167,585	10	177,909	10	188,233	10		10		10		10		10		10	
1/4	157,443	1/4	167,800	1/4	178,124	1/4	188,448	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,658	1/2	168,015	1/2	178,339	1/2	188,663	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,874	3/4	168,230	3/4	178,554	3/4	188,877	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,090	11	168,445	11	178,769	11	189,092	11		11		11		11		11		11	
1/4	158,306	1/4	168,660	1/4	178,984	1/4	189,304	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,522	1/2	168,876	1/2	179,199	1/2	189,515	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,737	3/4	169,091	3/4	179,414	3/4	189,727	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 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 3032"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,028	0	15,643	0	30,657	0	45,655	0	60,668	0	75,683	0	90,698	0	105,712	0	120,710	0	135,705
1/4	1,263	1/4	15,956	1/4	30,970	1/4	45,968	1/4	60,981	1/4	75,996	1/4	91,011	1/4	106,025	1/4	121,023	1/4	136,017
1/2	1,497	1/2	16,269	1/2	31,283	1/2	46,280	1/2	61,294	1/2	76,309	1/2	91,323	1/2	106,338	1/2	121,335	1/2	136,330
3/4	1,732	3/4	16,581	3/4	31,596	3/4	46,593	3/4	61,607	3/4	76,622	3/4	91,636	3/4	106,651	3/4	121,648	3/4	136,642
1	1,966	1	16,894	1	31,908	1	46,906	1	61,920	1	76,934	1	91,949	1	106,964	1	121,960	1	136,955
1/4	2,259	1/4	17,207	1/4	32,221	1/4	47,218	1/4	62,232	1/4	77,247	1/4	92,262	1/4	107,276	1/4	122,272	1/4	137,267
1/2	2,551	1/2	17,520	1/2	32,534	1/2	47,531	1/2	62,545	1/2	77,560	1/2	92,575	1/2	107,589	1/2	122,585	1/2	137,579
3/4	2,844	3/4	17,833	3/4	32,847	3/4	47,844	3/4	62,858	3/4	77,873	3/4	92,887	3/4	107,902	3/4	122,897	3/4	137,892
2	3,136	2	18,145	2	33,160	2	48,156	2	63,171	2	78,186	2	93,200	2	108,214	2	123,210	2	138,204
1/4	3,448	1/4	18,458	1/4	33,472	1/4	48,469	1/4	63,484	1/4	78,498	1/4	93,513	1/4	108,527	1/4	123,522	1/4	138,517
1/2	3,760	1/2	18,771	1/2	33,785	1/2	48,782	1/2	63,797	1/2	78,811	1/2	93,826	1/2	108,839	1/2	123,834	1/2	138,829
3/4	4,072	3/4	19,084	3/4	34,098	3/4	49,095	3/4	64,109	3/4	79,124	3/4	94,139	3/4	109,152	3/4	124,147	3/4	139,141
3	4,384	3	19,397	3	34,411	3	49,407	3	64,422	3	79,437	3	94,451	3	109,464	3	124,459	3	139,454
1/4	4,696	1/4	19,709	1/4	34,723	1/4	49,720	1/4	64,735	1/4	79,750	1/4	94,764	1/4	109,777	1/4	124,771	1/4	139,766
1/2	5,009	1/2	20,022	1/2	35,036	1/2	50,033	1/2	65,048	1/2	80,062	1/2	95,077	1/2	110,089	1/2	125,084	1/2	140,079
3/4	5,321	3/4	20,335	3/4	35,348	3/4	50,346	3/4	65,361	3/4	80,375	3/4	95,390	3/4	110,402	3/4	125,396	3/4	140,391
4	5,634	4	20,648	4	35,661	4	50,659	4	65,673	4	80,688	4	95,703	4	110,714	4	125,709	4	140,703
1/4	5,946	1/4	20,961	1/4	35,973	1/4	50,971	1/4	65,986	1/4	81,001	1/4	96,015	1/4	111,026	1/4	126,021	1/4	141,016
1/2	6,259	1/2	21,273	1/2	36,286	1/2	51,284	1/2	66,299	1/2	81,314	1/2	96,328	1/2	111,339	1/2	126,333	1/2	141,328
3/4	6,572	3/4	21,586	3/4	36,598	3/4	51,597	3/4	66,612	3/4	81,626	3/4	96,641	3/4	111,651	3/4	126,646	3/4	141,640
5	6,885	5	21,899	5	36,910	5	51,910	5	66,925	5	81,939	5	96,954	5	111,964	5	126,958	5	141,953
1/4	7,198	1/4	22,212	1/4	37,223	1/4	52,223	1/4	67,237	1/4	82,252	1/4	97,267	1/4	112,276	1/4	127,271	1/4	142,265
1/2	7,510	1/2	22,525	1/2	37,535	1/2	52,536	1/2	67,550	1/2	82,565	1/2	97,579	1/2	112,588	1/2	127,583	1/2	142,577
3/4	7,823	3/4	22,837	3/4	37,847	3/4	52,848	3/4	67,863	3/4	82,878	3/4	97,892	3/4	112,901	3/4	127,895	3/4	142,889
6	8,136	6	23,150	6	38,160	6	53,161	6	68,176	6	83,190	6	98,205	6	113,213	6	128,208	6	143,201
1/4	8,449	1/4	23,463	1/4	38,472	1/4	53,474	1/4	68,489	1/4	83,503	1/4	98,518	1/4	113,526	1/4	128,520	1/4	143,509
1/2	8,762	1/2	23,776	1/2	38,784	1/2	53,787	1/2	68,801	1/2	83,816	1/2	98,831	1/2	113,838	1/2	128,833	1/2	143,816
3/4	9,074	3/4	24,089	3/4	39,096	3/4	54,100	3/4	69,114	3/4	84,129	3/4	99,143	3/4	114,150	3/4	129,145	3/4	144,124
7	9,387	7	24,401	7	39,409	7	54,412	7	69,427	7	84,442	7	99,456	7	114,463	7	129,457	7	144,432
1/4	9,700	1/4	24,714	1/4	39,721	1/4	54,725	1/4	69,740	1/4	84,754	1/4	99,769	1/4	114,775	1/4	129,770	1/4	144,727
1/2	10,013	1/2	25,027	1/2	40,033	1/2	55,038	1/2	70,053	1/2	85,067	1/2	100,082	1/2	115,087	1/2	130,082	1/2	145,022
3/4	10,326	3/4	25,340	3/4	40,346	3/4	55,351	3/4	70,365	3/4	85,380	3/4	100,395	3/4	115,400	3/4	130,394	3/4	145,317
8	10,638	8	25,653	8	40,658	8	55,664	8	70,678	8	85,693	8	100,708	8	115,712	8	130,707	8	145,613
1/4	10,951	1/4	25,965	1/4	40,970	1/4	55,976	1/4	70,991	1/4	86,006	1/4	101,020	1/4	116,025	1/4	131,019	1/4	145,892
1/2	11,264	1/2	26,278	1/2	41,283	1/2	56,289	1/2	71,304	1/2	86,318	1/2	101,333	1/2	116,337	1/2	131,332	1/2	146,171
3/4	11,577	3/4	26,591	3/4	41,595	3/4	56,602	3/4	71,617	3/4	86,631	3/4	101,646	3/4	116,649	3/4	131,644	3/4	146,450
9	11,890	9	26,904	9	41,907	9	56,915	9	71,929	9	86,944	9	101,959	9	116,962	9	131,956	9	146,729
1/4	12,202	1/4	27,217	1/4	42,220	1/4	57,228	1/4	72,242	1/4	87,257	1/4	102,272	1/4	117,274	1/4	132,269	1/4	146,993
1/2	12,515	1/2	27,529	1/2	42,532	1/2	57,540	1/2	72,555	1/2	87,570	1/2	102,584	1/2	117,587	1/2	132,581	1/2	147,256
3/4	12,828	3/4	27,842	3/4	42,844	3/4	57,853	3/4	72,868	3/4	87,883	3/4	102,897	3/4	117,899	3/4	132,894	3/4	147,519
10	13,141	10	28,155	10	43,156	10	58,166	10	73,181	10	88,195	10	103,210	10	118,211	10	133,206	10	147,782
1/4	13,454	1/4	28,468	1/4	43,469	1/4	58,479	1/4	73,493	1/4	88,508	1/4	103,523	1/4	118,524	1/4	133,518	1/4	148,030
1/2	13,766	1/2	28,781	1/2	43,781	1/2	58,792	1/2	73,806	1/2	88,821	1/2	103,836	1/2	118,836	1/2	133,831	1/2	148,277
3/4	14,079	3/4	29,093	3/4	44,093	3/4	59,104	3/4	74,119	3/4	89,134	3/4	104,148	3/4	119,148	3/4	134,143	3/4	148,524
11	14,392	11	29,406	11	44,406	11	59,417	11	74,432	11	89,447	11	104,461	11	119,461	11	134,456	11	148,771
1/4	14,705	1/4	29,719	1/4	44,718	1/4	59,730	1/4	74,745	1/4	89,759	1/4	104,774	1/4	119,773	1/4	134,768	1/4	149,002
1/2	15,017	1/2	30,032	1/2	45,031	1/2	60,043	1/2	75,057	1/2	90,072	1/2	105,087	1/2	120,086	1/2	135,080	1/2	149,234
3/4	15,330	3/4	30,344	3/4	45,343	3/4	60,356	3/4	75,370	3/4	90,385	3/4	105,400	3/4	120,398	3/4	135,393	3/4	149,465

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "HSM 3032"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,696	0	160,076	0	170,434	0	180,763	0	191,078	0		0		0		0		0	
1/4	149,915	1/4	160,292	1/4	170,649	1/4	180,979	1/4	191,271	1/4		1/4		1/4		1/4		1/4	
1/2	150,135	1/2	160,508	1/2	170,865	1/2	181,194	1/2	191,464	1/2		1/2		1/2		1/2		1/2	
3/4	150,354	3/4	160,724	3/4	171,080	3/4	181,409	3/4	191,657	3/4		3/4		3/4		3/4		3/4	
1	150,574	1	160,940	1	171,295	1	181,624	1	191,850	1		1		1		1		1	
1/4	150,790	1/4	161,156	1/4	171,510	1/4	181,839	1/4	192,010	1/4		1/4		1/4		1/4		1/4	
1/2	151,006	1/2	161,372	1/2	171,725	1/2	182,055	1/2	192,170	1/2		1/2		1/2		1/2		1/2	
3/4	151,222	3/4	161,588	3/4	171,941	3/4	182,270	3/4	192,329	3/4		3/4		3/4		3/4		3/4	
2	151,438	2	161,804	2	172,156	2	182,485	2	192,489	2		2		2		2		2	
1/4	151,654	1/4	162,019	1/4	172,371	1/4	182,700	1/4	192,613	1/4		1/4		1/4		1/4		1/4	
1/2	151,870	1/2	162,235	1/2	172,586	1/2	182,915	1/2	192,736	1/2		1/2		1/2		1/2		1/2	
3/4	152,086	3/4	162,451	3/4	172,801	3/4	183,131	3/4	192,860	3/4		3/4		3/4		3/4		3/4	
3	152,302	3	162,667	3	173,016	3	183,346	3	192,983	3		3		3		3		3	
1/4	152,517	1/4	162,883	1/4	173,232	1/4	183,561	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,733	1/2	163,099	1/2	173,447	1/2	183,776	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,949	3/4	163,315	3/4	173,662	3/4	183,991	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,165	4	163,531	4	173,877	4	184,207	4		4		4		4		4		4	
1/4	153,381	1/4	163,747	1/4	174,092	1/4	184,422	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,597	1/2	163,963	1/2	174,308	1/2	184,637	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,813	3/4	164,179	3/4	174,523	3/4	184,852	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,029	5	164,395	5	174,738	5	185,067	5		5		5		5		5		5	
1/4	154,245	1/4	164,611	1/4	174,953	1/4	185,283	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,461	1/2	164,827	1/2	175,168	1/2	185,498	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,677	3/4	165,043	3/4	175,384	3/4	185,713	3/4		3/4		3/4		3/4		3/4		3/4	
6	154,893	6	165,259	6	175,599	6	185,928	6		6		6		6		6		6	
1/4	155,109	1/4	165,475	1/4	175,814	1/4	186,143	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,325	1/2	165,691	1/2	176,029	1/2	186,359	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,541	3/4	165,907	3/4	176,244	3/4	186,574	3/4		3/4		3/4		3/4		3/4		3/4	
7	155,757	7	166,123	7	176,460	7	186,789	7		7		7		7		7		7	
1/4	155,973	1/4	166,339	1/4	176,675	1/4	187,004	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,189	1/2	166,555	1/2	176,890	1/2	187,219	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,405	3/4	166,771	3/4	177,105	3/4	187,435	3/4		3/4		3/4		3/4		3/4		3/4	
8	156,621	8	166,986	8	177,320	8	187,650	8		8		8		8		8		8	
1/4	156,837	1/4	167,202	1/4	177,536	1/4	187,865	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,053	1/2	167,418	1/2	177,751	1/2	188,081	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,268	3/4	167,634	3/4	177,966	3/4	188,296	3/4		3/4		3/4		3/4		3/4		3/4	
9	157,484	9	167,850	9	178,181	9	188,511	9		9		9		9		9		9	
1/4	157,700	1/4	168,066	1/4	178,396	1/4	188,726	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,916	1/2	168,281	1/2	178,612	1/2	188,942	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,132	3/4	168,497	3/4	178,827	3/4	189,157	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,348	10	168,713	10	179,042	10	189,372	10		10		10		10		10		10	
1/4	158,564	1/4	168,928	1/4	179,257	1/4	189,587	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,780	1/2	169,143	1/2	179,472	1/2	189,802	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,996	3/4	169,358	3/4	179,688	3/4	190,017	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,212	11	169,573	11	179,903	11	190,232	11		11		11		11		11		11	
1/4	159,428	1/4	169,789	1/4	180,118	1/4	190,444	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,644	1/2	170,004	1/2	180,333	1/2	190,655	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,860	3/4	170,219	3/4	180,548	3/4	190,867	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 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 3032"

PORT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 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	96	0	1,251	0	2,406	0	3,560	0	4,715	0		0		0		0		0	
1/4	120	1/4	1,275	1/4	2,430	1/4	3,584	1/4	4,739	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	144	1/2	1,299	1/2	2,454	1/2	3,608	1/2	4,762	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	168	3/4	1,323	3/4	2,478	3/4	3,632	3/4	4,786	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
1	193	1	1,347	1	2,502	1	3,656	1	4,810	1		1		1	1	1	1	1	1
1/4	217	1/4	1,371	1/4	2,526	1/4	3,680	1/4	4,833	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	241	1/2	1,395	1/2	2,550	1/2	3,704	1/2	4,857	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	265	3/4	1,419	3/4	2,574	3/4	3,728	3/4	4,881	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
2	289	2	1,444	2	2,597	2	3,752	2	4,904	2		2		2	2	2	2	2	2
1/4	313	1/4	1,468	1/4	2,622	1/4	3,776	1/4	4,928	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	337	1/2	1,492	1/2	2,646	1/2	3,800	1/2	4,952	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	361	3/4	1,516	3/4	2,670	3/4	3,825	3/4	4,975	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
3	385	3	1,540	3	2,694	3	3,849	3	4,999	3		3		3	3	3	3	3	3
1/4	409	1/4	1,564	1/4	2,718	1/4	3,873	1/4	5,023	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	433	1/2	1,588	1/2	2,742	1/2	3,897	1/2	5,046	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	457	3/4	1,612	3/4	2,766	3/4	3,921	3/4	5,070	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	481	4	1,636	4	2,790	4	3,945	4	5,093	4		4		4	4	4	4	4	4
1/4	505	1/4	1,660	1/4	2,814	1/4	3,969	1/4	5,105	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	529	1/2	1,684	1/2	2,838	1/2	3,993	1/2	5,117	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	553	3/4	1,708	3/4	2,862	3/4	4,017	3/4	5,128	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	578	5	1,732	5	2,886	5	4,041	5	5,140	5		5		5	5	5	5	5	5
1/4	602	1/4	1,756	1/4	2,910	1/4	4,065	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	626	1/2	1,780	1/2	2,934	1/2	4,089	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	650	3/4	1,805	3/4	2,958	3/4	4,113	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	674	6	1,829	6	2,982	6	4,137	6		6		6		6	6	6	6	6	6
1/4	698	1/4	1,853	1/4	3,006	1/4	4,161	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	722	1/2	1,877	1/2	3,030	1/2	4,185	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	746	3/4	1,901	3/4	3,054	3/4	4,210	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	770	7	1,925	7	3,079	7	4,234	7		7		7		7	7	7	7	7	7
1/4	794	1/4	1,949	1/4	3,103	1/4	4,258	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	818	1/2	1,973	1/2	3,127	1/2	4,282	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	842	3/4	1,997	3/4	3,151	3/4	4,306	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	866	8	2,021	8	3,175	8	4,330	8		8		8		8	8	8	8	8	8
1/4	890	1/4	2,045	1/4	3,199	1/4	4,354	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	914	1/2	2,069	1/2	3,223	1/2	4,378	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	938	3/4	2,093	3/4	3,247	3/4	4,402	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	963	9	2,117	9	3,271	9	4,426	9		9		9		9	9	9	9	9	9
1/4	987	1/4	2,141	1/4	3,295	1/4	4,450	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,011	1/2	2,165	1/2	3,319	1/2	4,474	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,035	3/4	2,190	3/4	3,343	3/4	4,498	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,059	10	2,214	10	3,367	10	4,522	10		10		10		10	10	10	10	10	10
1/4	1,083	1/4	2,238	1/4	3,391	1/4	4,546	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,107	1/2	2,262	1/2	3,415	1/2	4,570	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,131	3/4	2,286	3/4	3,440	3/4	4,595	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,155	11	2,310	11	3,464	11	4,619	11		11		11		11	11	11	11	11	11
1/4	1,179	1/4	2,334	1/4	3,488	1/4	4,643	1/4		1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,203	1/2	2,358	1/2	3,512	1/2	4,667	1/2		1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,227	3/4	2,382	3/4	3,536	3/4	4,691	3/4		3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 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 3032"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 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 3032"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 4'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	99	0	254	0	406	0		0		0		0		0		0	
1/4	1	1/4	102	1/4	257	1/4	409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	105	1/2	260	1/2	411	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	108	3/4	264	3/4	414	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	111	1	267	1	417	1		1		1		1		1		1	
1/4	4	1/4	114	1/4	270	1/4	420	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	117	1/2	274	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	120	3/4	277	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	123	2	280	2	428	2		2		2		2		2		2	
1/4	9	1/4	126	1/4	284	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	130	1/2	287	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	133	3/4	290	3/4	435	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	136	3	294	3	438	3		3		3		3		3		3	
1/4	15	1/4	139	1/4	297	1/4	441	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	142	1/2	300	1/2	443	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	145	3/4	303	3/4	445	3/4		3/4		3/4		3/4		3/4		3/4	
4	20	4	148	4	307	4	448	4		4		4		4		4		4	
1/4	22	1/4	152	1/4	310	1/4	450	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	155	1/2	313	1/2	452	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26	3/4	158	3/4	317	3/4	455	3/4		3/4		3/4		3/4		3/4		3/4	
5	28	5	161	5	320	5	457	5		5		5		5		5		5	
1/4	30	1/4	164	1/4	323	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	32	1/2	168	1/2	326	1/2	461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	171	3/4	330	3/4	464	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	174	6	333	6	466	6		6		6		6		6		6	
1/4	39	1/4	177	1/4	336	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	181	1/2	339	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	184	3/4	342	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
7	46	7	187	7	346	7	474	7		7		7		7		7		7	
1/4	48	1/4	190	1/4	349	1/4	475	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	194	1/2	352	1/2	477	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	197	3/4	355	3/4	479	3/4		3/4		3/4		3/4		3/4		3/4	
8	56	8	200	8	358	8	481	8		8		8		8		8		8	
1/4	58	1/4	204	1/4	361	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	61	1/2	207	1/2	364	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	63	3/4	210	3/4	367	3/4	485	3/4		3/4		3/4		3/4		3/4		3/4	
9	66	9	214	9	370	9	487	9		9		9		9		9		9	
1/4	69	1/4	217	1/4	373	1/4	488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	220	1/2	376	1/2	489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	224	3/4	380	3/4	490	3/4		3/4		3/4		3/4		3/4		3/4	
10	77	10	227	10	383	10	491	10		10		10		10		10		10	
1/4	80	1/4	230	1/4	386	1/4	492	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	82	1/2	234	1/2	388	1/2	493	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85	3/4	237	3/4	391	3/4	493	3/4		3/4		3/4		3/4		3/4		3/4	
11	88	11	240	11	394	11	494	11		11		11		11		11		11	
1/4	91	1/4	244	1/4	397	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	247	1/2	400	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97	3/4	250	3/4	403	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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: 12/18/2019 CL
CALCULATED: 12/18/2019 CL
PRINTED: 12/19/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2019

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