



BARGE "HSM 4101"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	248	0	12,865	0	27,715	0	42,731	0	57,687	0	72,659	0	87,675	0	102,691	0	117,703	0	132,712
1/4	403	1/4	13,163	1/4	28,028	1/4	43,044	1/4	57,998	1/4	72,971	1/4	87,988	1/4	103,004	1/4	118,015	1/4	133,025
1/2	559	1/2	13,460	1/2	28,341	1/2	43,357	1/2	58,308	1/2	73,284	1/2	88,300	1/2	103,317	1/2	118,328	1/2	133,338
3/4	715	3/4	13,757	3/4	28,654	3/4	43,669	3/4	58,619	3/4	73,597	3/4	88,613	3/4	103,629	3/4	118,641	3/4	133,651
1	871	1	14,055	1	28,966	1	43,982	1	58,929	1	73,910	1	88,926	1	103,942	1	118,954	1	133,963
1/4	1,098	1/4	14,356	1/4	29,279	1/4	44,295	1/4	59,240	1/4	74,223	1/4	89,239	1/4	104,255	1/4	119,266	1/4	134,276
1/2	1,326	1/2	14,656	1/2	29,592	1/2	44,608	1/2	59,550	1/2	74,536	1/2	89,552	1/2	104,568	1/2	119,579	1/2	134,589
3/4	1,553	3/4	14,957	3/4	29,905	3/4	44,921	3/4	59,861	3/4	74,848	3/4	89,865	3/4	104,881	3/4	119,892	3/4	134,901
2	1,781	2	15,258	2	30,218	2	45,233	2	60,171	2	75,161	2	90,177	2	105,194	2	120,204	2	135,214
1/4	2,040	1/4	15,563	1/4	30,531	1/4	45,546	1/4	60,482	1/4	75,474	1/4	90,490	1/4	105,506	1/4	120,517	1/4	135,527
1/2	2,300	1/2	15,868	1/2	30,843	1/2	45,859	1/2	60,792	1/2	75,787	1/2	90,803	1/2	105,819	1/2	120,830	1/2	135,839
3/4	2,559	3/4	16,172	3/4	31,156	3/4	46,172	3/4	61,103	3/4	76,100	3/4	91,116	3/4	106,132	3/4	121,142	3/4	136,152
3	2,819	3	16,477	3	31,469	3	46,485	3	61,413	3	76,413	3	91,429	3	106,445	3	121,455	3	136,465
1/4	3,083	1/4	16,785	1/4	31,782	1/4	46,798	1/4	61,724	1/4	76,725	1/4	91,742	1/4	106,758	1/4	121,768	1/4	136,778
1/2	3,347	1/2	17,093	1/2	32,095	1/2	47,110	1/2	62,034	1/2	77,038	1/2	92,054	1/2	107,071	1/2	122,081	1/2	137,090
3/4	3,612	3/4	17,402	3/4	32,408	3/4	47,423	3/4	62,345	3/4	77,351	3/4	92,367	3/4	107,383	3/4	122,393	3/4	137,403
4	3,876	4	17,710	4	32,720	4	47,736	4	62,656	4	77,664	4	92,680	4	107,696	4	122,706	4	137,716
1/4	4,144	1/4	18,022	1/4	33,033	1/4	48,049	1/4	62,967	1/4	77,977	1/4	92,993	1/4	108,009	1/4	123,019	1/4	138,028
1/2	4,412	1/2	18,333	1/2	33,346	1/2	48,361	1/2	63,278	1/2	78,290	1/2	93,306	1/2	108,322	1/2	123,331	1/2	138,341
3/4	4,680	3/4	18,644	3/4	33,659	3/4	48,674	3/4	63,589	3/4	78,602	3/4	93,619	3/4	108,634	3/4	123,644	3/4	138,654
5	4,948	5	18,956	5	33,972	5	48,986	5	63,900	5	78,915	5	93,931	5	108,947	5	123,957	5	138,966
1/4	5,220	1/4	19,269	1/4	34,284	1/4	49,297	1/4	64,213	1/4	79,228	1/4	94,244	1/4	109,260	1/4	124,269	1/4	139,279
1/2	5,492	1/2	19,582	1/2	34,597	1/2	49,609	1/2	64,525	1/2	79,541	1/2	94,557	1/2	109,572	1/2	124,582	1/2	139,592
3/4	5,764	3/4	19,894	3/4	34,910	3/4	49,920	3/4	64,838	3/4	79,854	3/4	94,870	3/4	109,885	3/4	124,895	3/4	139,905
6	6,035	6	20,207	6	35,223	6	50,232	6	65,150	6	80,167	6	95,183	6	110,198	6	125,208	6	140,217
1/4	6,311	1/4	20,520	1/4	35,536	1/4	50,543	1/4	65,463	1/4	80,479	1/4	95,496	1/4	110,511	1/4	125,520	1/4	140,530
1/2	6,586	1/2	20,833	1/2	35,849	1/2	50,854	1/2	65,776	1/2	80,792	1/2	95,809	1/2	110,823	1/2	125,833	1/2	140,843
3/4	6,862	3/4	21,146	3/4	36,161	3/4	51,165	3/4	66,089	3/4	81,105	3/4	96,121	3/4	111,136	3/4	126,146	3/4	141,155
7	7,137	7	21,459	7	36,474	7	51,477	7	66,402	7	81,418	7	96,434	7	111,449	7	126,458	7	141,468
1/4	7,416	1/4	21,771	1/4	36,787	1/4	51,787	1/4	66,715	1/4	81,731	1/4	96,747	1/4	111,761	1/4	126,771	1/4	141,781
1/2	7,696	1/2	22,084	1/2	37,100	1/2	52,098	1/2	67,027	1/2	82,044	1/2	97,060	1/2	112,074	1/2	127,084	1/2	142,094
3/4	7,975	3/4	22,397	3/4	37,413	3/4	52,409	3/4	67,340	3/4	82,356	3/4	97,373	3/4	112,387	3/4	127,396	3/4	142,406
8	8,254	8	22,710	8	37,726	8	52,720	8	67,653	8	82,669	8	97,686	8	112,699	8	127,709	8	142,719
1/4	8,536	1/4	23,023	1/4	38,038	1/4	53,030	1/4	67,966	1/4	82,982	1/4	97,998	1/4	113,012	1/4	128,022	1/4	143,032
1/2	8,819	1/2	23,335	1/2	38,351	1/2	53,341	1/2	68,279	1/2	83,295	1/2	98,311	1/2	113,325	1/2	128,335	1/2	143,344
3/4	9,102	3/4	23,648	3/4	38,664	3/4	53,651	3/4	68,592	3/4	83,608	3/4	98,624	3/4	113,638	3/4	128,647	3/4	143,657
9	9,385	9	23,961	9	38,977	9	53,962	9	68,904	9	83,921	9	98,937	9	113,950	9	128,960	9	143,970
1/4	9,671	1/4	24,274	1/4	39,290	1/4	54,272	1/4	69,217	1/4	84,234	1/4	99,250	1/4	114,263	1/4	129,273	1/4	144,282
1/2	9,958	1/2	24,587	1/2	39,603	1/2	54,583	1/2	69,530	1/2	84,546	1/2	99,563	1/2	114,576	1/2	129,585	1/2	144,595
3/4	10,244	3/4	24,900	3/4	39,915	3/4	54,893	3/4	69,843	3/4	84,859	3/4	99,875	3/4	114,888	3/4	129,898	3/4	144,908
10	10,530	10	25,212	10	40,228	10	55,204	10	70,156	10	85,172	10	100,188	10	115,201	10	130,211	10	145,221
1/4	10,820	1/4	25,525	1/4	40,541	1/4	55,514	1/4	70,469	1/4	85,485	1/4	100,501	1/4	115,514	1/4	130,524	1/4	145,533
1/2	11,110	1/2	25,838	1/2	40,854	1/2	55,825	1/2	70,781	1/2	85,798	1/2	100,814	1/2	115,827	1/2	130,836	1/2	145,846
3/4	11,400	3/4	26,151	3/4	41,167	3/4	56,135	3/4	71,094	3/4	86,111	3/4	101,127	3/4	116,139	3/4	131,149	3/4	146,159
11	11,690	11	26,464	11	41,480	11	56,446	11	71,407	11	86,423	11	101,440	11	116,452	11	131,462	11	146,471
1/4	11,984	1/4	26,777	1/4	41,792	1/4	56,756	1/4	71,720	1/4	86,736	1/4	101,752	1/4	116,765	1/4	131,774	1/4	146,784
1/2	12,278	1/2	27,089	1/2	42,105	1/2	57,066	1/2	72,033	1/2	87,049	1/2	102,065	1/2	117,077	1/2	132,087	1/2	147,097
3/4	12,572	3/4	27,402	3/4	42,418	3/4	57,377	3/4	72,346	3/4	87,362	3/4	102,378	3/4	117,390	3/4	132,400	3/4	147,409

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 TOP LIP OF 2" MMC VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "HSM 4101"

1 PORT INNAGE TABLE

GAUGE HEIGHT 15'-11 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	147,722	0	162,732	0	177,733	0	192,699	0	207,611	0		0		0		0		0	
1/4	148,035	1/4	163,045	1/4	178,045	1/4	193,011	1/4	207,913	1/4		1/4		1/4		1/4		1/4	
1/2	148,348	1/2	163,357	1/2	178,357	1/2	193,323	1/2	208,215	1/2		1/2		1/2		1/2		1/2	
3/4	148,660	3/4	163,670	3/4	178,669	3/4	193,635	3/4	208,517	3/4		3/4		3/4		3/4		3/4	
1	148,973	1	163,983	1	178,981	1	193,946	1	208,819	1		1		1		1		1	
1/4	149,286	1/4	164,295	1/4	179,292	1/4	194,258	1/4	209,090	1/4		1/4		1/4		1/4		1/4	
1/2	149,598	1/2	164,608	1/2	179,604	1/2	194,570	1/2	209,360	1/2		1/2		1/2		1/2		1/2	
3/4	149,911	3/4	164,921	3/4	179,916	3/4	194,882	3/4	209,631	3/4		3/4		3/4		3/4		3/4	
2	150,224	2	165,234	2	180,228	2	195,194	2	209,902	2		2		2		2		2	
1/4	150,536	1/4	165,546	1/4	180,540	1/4	195,505	1/4	210,120	1/4		1/4		1/4		1/4		1/4	
1/2	150,849	1/2	165,859	1/2	180,851	1/2	195,817	1/2	210,339	1/2		1/2		1/2		1/2		1/2	
3/4	151,162	3/4	166,172	3/4	181,163	3/4	196,129	3/4	210,557	3/4		3/4		3/4		3/4		3/4	
3	151,475	3	166,484	3	181,475	3	196,441	3	210,776	3		3		3		3		3	
1/4	151,787	1/4	166,797	1/4	181,787	1/4	196,753	1/4	210,942	1/4		1/4		1/4		1/4		1/4	
1/2	152,100	1/2	167,110	1/2	182,098	1/2	197,064	1/2	211,109	1/2		1/2		1/2		1/2		1/2	
3/4	152,413	3/4	167,422	3/4	182,410	3/4	197,376	3/4	211,275	3/4		3/4		3/4		3/4		3/4	
4	152,725	4	167,735	4	182,722	4	197,688	4	211,441	4		4		4		4		4	
1/4	153,038	1/4	168,048	1/4	183,034	1/4	198,000	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,351	1/2	168,361	1/2	183,346	1/2	198,312	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,664	3/4	168,673	3/4	183,657	3/4	198,623	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,976	5	168,986	5	183,969	5	198,935	5		5		5		5		5		5	
1/4	154,289	1/4	169,299	1/4	184,281	1/4	199,246	1/4	184,281	1/4		1/4		1/4		1/4		1/4	
1/2	154,602	1/2	169,611	1/2	184,593	1/2	199,558	1/2	199,558	1/2		1/2		1/2		1/2		1/2	
3/4	154,914	3/4	169,924	3/4	184,905	3/4	199,869	3/4	199,869	3/4		3/4		3/4		3/4		3/4	
6	155,227	6	170,237	6	185,216	6	200,180	6		6		6		6		6		6	
1/4	155,540	1/4	170,549	1/4	185,528	1/4	200,490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,852	1/2	170,862	1/2	185,840	1/2	200,799	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,165	3/4	171,175	3/4	186,152	3/4	201,109	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,478	7	171,488	7	186,464	7	201,419	7		7		7		7		7		7	
1/4	156,791	1/4	171,800	1/4	186,775	1/4	201,728	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,103	1/2	172,113	1/2	187,087	1/2	202,038	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,416	3/4	172,426	3/4	187,399	3/4	202,348	3/4		3/4		3/4		3/4		3/4		3/4	
8	157,729	8	172,738	8	187,711	8	202,657	8		8		8		8		8		8	
1/4	158,041	1/4	173,051	1/4	188,022	1/4	202,967	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,354	1/2	173,364	1/2	188,334	1/2	203,277	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,667	3/4	173,676	3/4	188,646	3/4	203,587	3/4		3/4		3/4		3/4		3/4		3/4	
9	158,979	9	173,989	9	188,958	9	203,897	9		9		9		9		9		9	
1/4	159,292	1/4	174,302	1/4	189,270	1/4	204,206	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,605	1/2	174,614	1/2	189,581	1/2	204,516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,918	3/4	174,927	3/4	189,893	3/4	204,826	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,230	10	175,239	10	190,205	10	205,136	10		10		10		10		10		10	
1/4	160,543	1/4	175,551	1/4	190,517	1/4	205,445	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,856	1/2	175,863	1/2	190,829	1/2	205,755	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,168	3/4	176,174	3/4	191,140	3/4	206,065	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,481	11	176,486	11	191,452	11	206,374	11		11		11		11		11		11	
1/4	161,794	1/4	176,798	1/4	191,764	1/4	206,683	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,106	1/2	177,110	1/2	192,076	1/2	206,992	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,419	3/4	177,422	3/4	192,388	3/4	207,302	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2024 CL
CALCULATED: 09/19/2024 CL
PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2024

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



BARGE "HSM 4101"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	248	0	12,877	0	27,739	0	42,767	0	57,790	0	72,815	0	87,843	0	102,872	0	117,895	0	132,917
1/4	404	1/4	13,175	1/4	28,052	1/4	43,080	1/4	58,103	1/4	73,128	1/4	88,157	1/4	103,185	1/4	118,208	1/4	133,230
1/2	560	1/2	13,473	1/2	28,365	1/2	43,393	1/2	58,416	1/2	73,442	1/2	88,470	1/2	103,498	1/2	118,521	1/2	133,543
3/4	716	3/4	13,770	3/4	28,678	3/4	43,706	3/4	58,729	3/4	73,755	3/4	88,783	3/4	103,811	3/4	118,834	3/4	133,856
1	872	1	14,068	1	28,992	1	44,019	1	59,042	1	74,068	1	89,096	1	104,124	1	119,147	1	134,169
1/4	1,100	1/4	14,369	1/4	29,305	1/4	44,332	1/4	59,355	1/4	74,381	1/4	89,409	1/4	104,437	1/4	119,460	1/4	134,481
1/2	1,328	1/2	14,670	1/2	29,618	1/2	44,645	1/2	59,667	1/2	74,694	1/2	89,722	1/2	104,750	1/2	119,773	1/2	134,794
3/4	1,555	3/4	14,971	3/4	29,931	3/4	44,958	3/4	59,980	3/4	75,007	3/4	90,035	3/4	105,063	3/4	120,086	3/4	135,107
2	1,783	2	15,273	2	30,244	2	45,271	2	60,293	2	75,320	2	90,348	2	105,376	2	120,399	2	135,420
1/4	2,043	1/4	15,578	1/4	30,557	1/4	45,585	1/4	60,606	1/4	75,633	1/4	90,661	1/4	105,689	1/4	120,712	1/4	135,733
1/2	2,303	1/2	15,882	1/2	30,870	1/2	45,898	1/2	60,919	1/2	75,946	1/2	90,974	1/2	106,002	1/2	121,025	1/2	136,046
3/4	2,563	3/4	16,187	3/4	31,183	3/4	46,211	3/4	61,232	3/4	76,259	3/4	91,287	3/4	106,315	3/4	121,338	3/4	136,359
3	2,822	3	16,492	3	31,496	3	46,524	3	61,545	3	76,572	3	91,600	3	106,629	3	121,651	3	136,672
1/4	3,087	1/4	16,801	1/4	31,809	1/4	46,837	1/4	61,858	1/4	76,885	1/4	91,914	1/4	106,942	1/4	121,963	1/4	136,985
1/2	3,351	1/2	17,109	1/2	32,122	1/2	47,150	1/2	62,171	1/2	77,199	1/2	92,227	1/2	107,255	1/2	122,276	1/2	137,298
3/4	3,616	3/4	17,418	3/4	32,435	3/4	47,463	3/4	62,484	3/4	77,512	3/4	92,540	3/4	107,568	3/4	122,589	3/4	137,611
4	3,880	4	17,726	4	32,748	4	47,776	4	62,797	4	77,825	4	92,853	4	107,881	4	122,902	4	137,924
1/4	4,148	1/4	18,038	1/4	33,061	1/4	48,089	1/4	63,110	1/4	78,138	1/4	93,166	1/4	108,194	1/4	123,215	1/4	138,237
1/2	4,417	1/2	18,350	1/2	33,375	1/2	48,402	1/2	63,423	1/2	78,451	1/2	93,479	1/2	108,507	1/2	123,528	1/2	138,550
3/4	4,685	3/4	18,661	3/4	33,688	3/4	48,715	3/4	63,736	3/4	78,764	3/4	93,792	3/4	108,820	3/4	123,841	3/4	138,863
5	4,954	5	18,973	5	34,001	5	49,028	5	64,049	5	79,077	5	94,105	5	109,133	5	124,154	5	139,176
1/4	5,226	1/4	19,286	1/4	34,314	1/4	49,341	1/4	64,362	1/4	79,390	1/4	94,418	1/4	109,446	1/4	124,467	1/4	139,489
1/2	5,498	1/2	19,599	1/2	34,627	1/2	49,654	1/2	64,675	1/2	79,703	1/2	94,731	1/2	109,758	1/2	124,780	1/2	139,802
3/4	5,770	3/4	19,912	3/4	34,940	3/4	49,968	3/4	64,988	3/4	80,016	3/4	95,044	3/4	110,071	3/4	125,093	3/4	140,115
6	6,042	6	20,225	6	35,253	6	50,281	6	65,301	6	80,329	6	95,357	6	110,384	6	125,406	6	140,428
1/4	6,318	1/4	20,538	1/4	35,566	1/4	50,594	1/4	65,614	1/4	80,642	1/4	95,671	1/4	110,697	1/4	125,719	1/4	140,741
1/2	6,593	1/2	20,852	1/2	35,879	1/2	50,907	1/2	65,927	1/2	80,956	1/2	95,984	1/2	111,010	1/2	126,032	1/2	141,053
3/4	6,869	3/4	21,165	3/4	36,192	3/4	51,220	3/4	66,241	3/4	81,269	3/4	96,297	3/4	111,323	3/4	126,345	3/4	141,366
7	7,145	7	21,478	7	36,505	7	51,533	7	66,554	7	81,582	7	96,610	7	111,636	7	126,658	7	141,679
1/4	7,424	1/4	21,791	1/4	36,818	1/4	51,846	1/4	66,867	1/4	81,895	1/4	96,923	1/4	111,949	1/4	126,971	1/4	141,992
1/2	7,703	1/2	22,104	1/2	37,131	1/2	52,159	1/2	67,180	1/2	82,208	1/2	97,236	1/2	112,262	1/2	127,284	1/2	142,305
3/4	7,983	3/4	22,417	3/4	37,445	3/4	52,472	3/4	67,493	3/4	82,521	3/4	97,549	3/4	112,575	3/4	127,597	3/4	142,618
8	8,262	8	22,730	8	37,758	8	52,785	8	67,806	8	82,834	8	97,862	8	112,888	8	127,910	8	142,931
1/4	8,545	1/4	23,043	1/4	38,071	1/4	53,097	1/4	68,119	1/4	83,147	1/4	98,175	1/4	113,201	1/4	128,222	1/4	143,244
1/2	8,828	1/2	23,356	1/2	38,384	1/2	53,410	1/2	68,432	1/2	83,460	1/2	98,488	1/2	113,514	1/2	128,535	1/2	143,557
3/4	9,111	3/4	23,669	3/4	38,697	3/4	53,723	3/4	68,745	3/4	83,773	3/4	98,801	3/4	113,827	3/4	128,848	3/4	143,870
9	9,394	9	23,982	9	39,010	9	54,036	9	69,058	9	84,086	9	99,115	9	114,140	9	129,161	9	144,183
1/4	9,681	1/4	24,295	1/4	39,323	1/4	54,349	1/4	69,371	1/4	84,400	1/4	99,428	1/4	114,453	1/4	129,474	1/4	144,496
1/2	9,967	1/2	24,608	1/2	39,636	1/2	54,662	1/2	69,685	1/2	84,713	1/2	99,741	1/2	114,766	1/2	129,787	1/2	144,809
3/4	10,254	3/4	24,922	3/4	39,949	3/4	54,975	3/4	69,998	3/4	85,026	3/4	100,054	3/4	115,079	3/4	130,100	3/4	145,122
10	10,541	10	25,235	10	40,262	10	55,287	10	70,311	10	85,339	10	100,367	10	115,392	10	130,413	10	145,435
1/4	10,831	1/4	25,548	1/4	40,575	1/4	55,600	1/4	70,624	1/4	85,652	1/4	100,680	1/4	115,704	1/4	130,726	1/4	145,748
1/2	11,121	1/2	25,861	1/2	40,888	1/2	55,913	1/2	70,937	1/2	85,965	1/2	100,993	1/2	116,017	1/2	131,039	1/2	146,061
3/4	11,411	3/4	26,174	3/4	41,201	3/4	56,226	3/4	71,250	3/4	86,278	3/4	101,306	3/4	116,330	3/4	131,352	3/4	146,374
11	11,702	11	26,487	11	41,515	11	56,539	11	71,563	11	86,591	11	101,619	11	116,643	11	131,665	11	146,687
1/4	11,996	1/4	26,800	1/4	41,828	1/4	56,852	1/4	71,876	1/4	86,904	1/4	101,932	1/4	116,956	1/4	131,978	1/4	147,000
1/2	12,290	1/2	27,113	1/2	42,141	1/2	57,165	1/2	72,189	1/2	87,217	1/2	102,245	1/2	117,269	1/2	132,291	1/2	147,313
3/4	12,584	3/4	27,426	3/4	42,454	3/4	57,477	3/4	72,502	3/4	87,530	3/4	102,558	3/4	117,582	3/4	132,604	3/4	147,626

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 TOP LIP OF 2" MMC VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "HSM 4101"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	147,939	0	162,960	0	177,974	0	192,952	0	207,875	0		0		0		0		0	
1/4	148,251	1/4	163,273	1/4	178,286	1/4	193,264	1/4	208,178	1/4		1/4		1/4		1/4		1/4	
1/2	148,564	1/2	163,586	1/2	178,598	1/2	193,576	1/2	208,480	1/2		1/2		1/2		1/2		1/2	
3/4	148,877	3/4	163,899	3/4	178,910	3/4	193,888	3/4	208,783	3/4		3/4		3/4		3/4		3/4	
1	149,190	1	164,212	1	179,222	1	194,200	1	209,085	1		1		1		1		1	
1/4	149,503	1/4	164,525	1/4	179,534	1/4	194,512	1/4	209,356	1/4		1/4		1/4		1/4		1/4	
1/2	149,816	1/2	164,838	1/2	179,846	1/2	194,824	1/2	209,627	1/2		1/2		1/2		1/2		1/2	
3/4	150,129	3/4	165,151	3/4	180,158	3/4	195,136	3/4	209,897	3/4		3/4		3/4		3/4		3/4	
2	150,442	2	165,464	2	180,470	2	195,448	2	210,168	2		2		2		2		2	
1/4	150,755	1/4	165,777	1/4	180,782	1/4	195,760	1/4	210,387	1/4		1/4		1/4		1/4		1/4	
1/2	151,068	1/2	166,090	1/2	181,094	1/2	196,072	1/2	210,606	1/2		1/2		1/2		1/2		1/2	
3/4	151,381	3/4	166,403	3/4	181,406	3/4	196,384	3/4	210,824	3/4		3/4		3/4		3/4		3/4	
3	151,694	3	166,716	3	181,718	3	196,696	3	211,043	3		3		3		3		3	
1/4	152,007	1/4	167,029	1/4	182,031	1/4	197,009	1/4	211,210	1/4		1/4		1/4		1/4		1/4	
1/2	152,320	1/2	167,342	1/2	182,343	1/2	197,321	1/2	211,376	1/2		1/2		1/2		1/2		1/2	
3/4	152,633	3/4	167,655	3/4	182,655	3/4	197,633	3/4	211,543	3/4		3/4		3/4		3/4		3/4	
4	152,946	4	167,968	4	182,967	4	197,945	4	211,709	4		4		4		4		4	
1/4	153,259	1/4	168,281	1/4	183,279	1/4	198,257	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,572	1/2	168,594	1/2	183,591	1/2	198,569	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,885	3/4	168,906	3/4	183,903	3/4	198,881	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,198	5	169,219	5	184,215	5	199,193	5		5		5		5		5		5	
1/4	154,511	1/4	169,532	1/4	184,527	1/4	199,504	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,824	1/2	169,845	1/2	184,839	1/2	199,816	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,136	3/4	170,158	3/4	185,151	3/4	200,127	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,449	6	170,471	6	185,463	6	200,439	6		6		6		6		6		6	
1/4	155,762	1/4	170,784	1/4	185,775	1/4	200,749	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,075	1/2	171,097	1/2	186,087	1/2	201,059	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,388	3/4	171,410	3/4	186,399	3/4	201,369	3/4		3/4		3/4		3/4		3/4		3/4	
7	156,701	7	171,723	7	186,711	7	201,678	7		7		7		7		7		7	
1/4	157,014	1/4	172,036	1/4	187,023	1/4	201,988	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,327	1/2	172,349	1/2	187,335	1/2	202,298	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,640	3/4	172,662	3/4	187,647	3/4	202,608	3/4		3/4		3/4		3/4		3/4		3/4	
8	157,953	8	172,975	8	187,959	8	202,918	8		8		8		8		8		8	
1/4	158,266	1/4	173,288	1/4	188,271	1/4	203,228	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,579	1/2	173,601	1/2	188,583	1/2	203,538	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,892	3/4	173,914	3/4	188,895	3/4	203,848	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,205	9	174,227	9	189,207	9	204,158	9		9		9		9		9		9	
1/4	159,518	1/4	174,539	1/4	189,520	1/4	204,468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,831	1/2	174,852	1/2	189,832	1/2	204,778	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,144	3/4	175,165	3/4	190,144	3/4	205,088	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,457	10	175,478	10	190,456	10	205,398	10		10		10		10		10		10	
1/4	160,770	1/4	175,790	1/4	190,768	1/4	205,708	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,083	1/2	176,102	1/2	191,080	1/2	206,018	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,396	3/4	176,414	3/4	191,392	3/4	206,328	3/4		3/4		3/4		3/4		3/4		3/4	
11	161,709	11	176,726	11	191,704	11	206,638	11		11		11		11		11		11	
1/4	162,021	1/4	177,038	1/4	192,016	1/4	206,947	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,334	1/2	177,350	1/2	192,328	1/2	207,257	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,647	3/4	177,662	3/4	192,640	3/4	207,566	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2024 CL
CALCULATED: 09/19/2024 CL
PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2024

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



BARGE "HSM 4101"

2 PORT INNAGE TABLE

GAUGE HEIGHT 15'-11 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	835	0	15,373	0	30,426	0	45,168	0	59,934	0	74,990	0	90,046	0	105,102	0	120,153	0	135,202
1/4	1,051	1/4	15,686	1/4	30,740	1/4	45,470	1/4	60,247	1/4	75,303	1/4	90,360	1/4	105,416	1/4	120,467	1/4	135,516
1/2	1,266	1/2	16,000	1/2	31,054	1/2	45,773	1/2	60,561	1/2	75,617	1/2	90,673	1/2	105,730	1/2	120,780	1/2	135,829
3/4	1,482	3/4	16,314	3/4	31,367	3/4	46,075	3/4	60,875	3/4	75,931	3/4	90,987	3/4	106,043	3/4	121,094	3/4	136,143
1	1,697	1	16,627	1	31,681	1	46,378	1	61,188	1	76,244	1	91,301	1	106,357	1	121,408	1	136,456
1/4	1,981	1/4	16,941	1/4	31,995	1/4	46,681	1/4	61,502	1/4	76,558	1/4	91,614	1/4	106,671	1/4	121,721	1/4	136,770
1/2	2,265	1/2	17,255	1/2	32,308	1/2	46,983	1/2	61,816	1/2	76,872	1/2	91,928	1/2	106,984	1/2	122,035	1/2	137,083
3/4	2,549	3/4	17,568	3/4	32,622	3/4	47,286	3/4	62,129	3/4	77,186	3/4	92,242	3/4	107,298	3/4	122,348	3/4	137,397
2	2,833	2	17,882	2	32,935	2	47,588	2	62,443	2	77,499	2	92,555	2	107,612	2	122,662	2	137,710
1/4	3,145	1/4	18,196	1/4	33,249	1/4	47,891	1/4	62,757	1/4	77,813	1/4	92,869	1/4	107,925	1/4	122,975	1/4	138,024
1/2	3,458	1/2	18,509	1/2	33,563	1/2	48,194	1/2	63,070	1/2	78,127	1/2	93,183	1/2	108,239	1/2	123,289	1/2	138,337
3/4	3,770	3/4	18,823	3/4	33,876	3/4	48,496	3/4	63,384	3/4	78,440	3/4	93,496	3/4	108,553	3/4	123,602	3/4	138,651
3	4,082	3	19,137	3	34,190	3	48,799	3	63,698	3	78,754	3	93,810	3	108,866	3	123,916	3	138,964
1/4	4,396	1/4	19,450	1/4	34,504	1/4	49,102	1/4	64,011	1/4	79,068	1/4	94,124	1/4	109,180	1/4	124,229	1/4	139,278
1/2	4,709	1/2	19,764	1/2	34,817	1/2	49,404	1/2	64,325	1/2	79,381	1/2	94,437	1/2	109,494	1/2	124,543	1/2	139,591
3/4	5,022	3/4	20,078	3/4	35,131	3/4	49,707	3/4	64,639	3/4	79,695	3/4	94,751	3/4	109,807	3/4	124,856	3/4	139,905
4	5,336	4	20,391	4	35,445	4	50,010	4	64,952	4	80,009	4	95,065	4	110,121	4	125,170	4	140,218
1/4	5,649	1/4	20,705	1/4	35,756	1/4	50,313	1/4	65,266	1/4	80,322	1/4	95,379	1/4	110,434	1/4	125,483	1/4	140,532
1/2	5,963	1/2	21,019	1/2	36,067	1/2	50,616	1/2	65,580	1/2	80,636	1/2	95,692	1/2	110,748	1/2	125,797	1/2	140,845
3/4	6,276	3/4	21,332	3/4	36,378	3/4	50,919	3/4	65,893	3/4	80,950	3/4	96,006	3/4	111,062	3/4	126,110	3/4	141,159
5	6,590	5	21,646	5	36,689	5	51,222	5	66,207	5	81,263	5	96,320	5	111,375	5	126,424	5	141,472
1/4	6,904	1/4	21,960	1/4	36,993	1/4	51,525	1/4	66,521	1/4	81,577	1/4	96,633	1/4	111,689	1/4	126,737	1/4	141,786
1/2	7,217	1/2	22,273	1/2	37,296	1/2	51,829	1/2	66,834	1/2	81,891	1/2	96,947	1/2	112,002	1/2	127,051	1/2	142,100
3/4	7,531	3/4	22,587	3/4	37,600	3/4	52,132	3/4	67,148	3/4	82,204	3/4	97,261	3/4	112,316	3/4	127,364	3/4	142,413
6	7,845	6	22,901	6	37,903	6	52,436	6	67,462	6	82,518	6	97,574	6	112,629	6	127,678	6	142,727
1/4	8,158	1/4	23,214	1/4	38,207	1/4	52,742	1/4	67,775	1/4	82,832	1/4	97,888	1/4	112,943	1/4	127,991	1/4	143,040
1/2	8,472	1/2	23,528	1/2	38,510	1/2	53,048	1/2	68,089	1/2	83,145	1/2	98,202	1/2	113,256	1/2	128,305	1/2	143,354
3/4	8,786	3/4	23,842	3/4	38,813	3/4	53,354	3/4	68,403	3/4	83,459	3/4	98,515	3/4	113,570	3/4	128,618	3/4	143,667
7	9,099	7	24,155	7	39,116	7	53,660	7	68,716	7	83,773	7	98,829	7	113,883	7	128,932	7	143,981
1/4	9,413	1/4	24,469	1/4	39,419	1/4	53,974	1/4	69,030	1/4	84,086	1/4	99,143	1/4	114,197	1/4	129,245	1/4	144,294
1/2	9,727	1/2	24,783	1/2	39,721	1/2	54,287	1/2	69,344	1/2	84,400	1/2	99,456	1/2	114,510	1/2	129,559	1/2	144,608
3/4	10,040	3/4	25,096	3/4	40,024	3/4	54,601	3/4	69,657	3/4	84,714	3/4	99,770	3/4	114,824	3/4	129,872	3/4	144,921
8	10,354	8	25,410	8	40,327	8	54,915	8	69,971	8	85,027	8	100,084	8	115,137	8	130,186	8	145,235
1/4	10,668	1/4	25,724	1/4	40,629	1/4	55,228	1/4	70,285	1/4	85,341	1/4	100,397	1/4	115,451	1/4	130,499	1/4	145,548
1/2	10,981	1/2	26,037	1/2	40,932	1/2	55,542	1/2	70,598	1/2	85,655	1/2	100,711	1/2	115,764	1/2	130,813	1/2	145,862
3/4	11,295	3/4	26,351	3/4	41,234	3/4	55,856	3/4	70,912	3/4	85,968	3/4	101,025	3/4	116,078	3/4	131,126	3/4	146,175
9	11,609	9	26,664	9	41,537	9	56,169	9	71,226	9	86,282	9	101,338	9	116,391	9	131,440	9	146,489
1/4	11,922	1/4	26,978	1/4	41,839	1/4	56,483	1/4	71,539	1/4	86,596	1/4	101,652	1/4	116,705	1/4	131,754	1/4	146,802
1/2	12,236	1/2	27,291	1/2	42,142	1/2	56,797	1/2	71,853	1/2	86,909	1/2	101,966	1/2	117,018	1/2	132,067	1/2	147,116
3/4	12,550	3/4	27,605	3/4	42,445	3/4	57,110	3/4	72,167	3/4	87,223	3/4	102,279	3/4	117,332	3/4	132,381	3/4	147,429
10	12,863	10	27,918	10	42,747	10	57,424	10	72,480	10	87,537	10	102,593	10	117,645	10	132,694	10	147,743
1/4	13,177	1/4	28,232	1/4	43,050	1/4	57,738	1/4	72,794	1/4	87,850	1/4	102,907	1/4	117,959	1/4	133,008	1/4	148,056
1/2	13,491	1/2	28,545	1/2	43,352	1/2	58,051	1/2	73,108	1/2	88,164	1/2	103,220	1/2	118,272	1/2	133,321	1/2	148,370
3/4	13,804	3/4	28,859	3/4	43,655	3/4	58,365	3/4	73,421	3/4	88,478	3/4	103,534	3/4	118,586	3/4	133,635	3/4	148,683
11	14,118	11	29,172	11	43,957	11	58,679	11	73,735	11	88,791	11	103,848	11	118,899	11	133,948	11	148,997
1/4	14,432	1/4	29,486	1/4	44,260	1/4	58,993	1/4	74,049	1/4	89,105	1/4	104,161	1/4	119,213	1/4	134,262	1/4	149,310
1/2	14,745	1/2	29,799	1/2	44,563	1/2	59,306	1/2	74,362	1/2	89,419	1/2	104,475	1/2	119,526	1/2	134,575	1/2	149,624
3/4	15,059	3/4	30,113	3/4	44,865	3/4	59,620	3/4	74,676	3/4	89,732	3/4	104,789	3/4	119,840	3/4	134,889	3/4	149,937

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 TOP LIP OF 2" MMC VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "HSM 4101"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	150,251	0	165,300	0	180,339	0	195,336	0	210,256	0		0		0		0		0	
1/4	150,564	1/4	165,613	1/4	180,651	1/4	195,649	1/4	210,558	1/4		1/4		1/4		1/4		1/4	
1/2	150,878	1/2	165,927	1/2	180,964	1/2	195,961	1/2	210,860	1/2		1/2		1/2		1/2		1/2	
3/4	151,191	3/4	166,240	3/4	181,276	3/4	196,274	3/4	211,161	3/4		3/4		3/4		3/4		3/4	
1	151,505	1	166,554	1	181,589	1	196,586	1	211,463	1		1		1		1		1	
1/4	151,818	1/4	166,867	1/4	181,901	1/4	196,899	1/4	211,733	1/4		1/4		1/4		1/4		1/4	
1/2	152,132	1/2	167,181	1/2	182,213	1/2	197,211	1/2	212,004	1/2		1/2		1/2		1/2		1/2	
3/4	152,446	3/4	167,494	3/4	182,526	3/4	197,524	3/4	212,274	3/4		3/4		3/4		3/4		3/4	
2	152,759	2	167,808	2	182,838	2	197,836	2	212,544	2		2		2		2		2	
1/4	153,073	1/4	168,121	1/4	183,151	1/4	198,148	1/4	212,762	1/4		1/4		1/4		1/4		1/4	
1/2	153,386	1/2	168,435	1/2	183,463	1/2	198,461	1/2	212,980	1/2		1/2		1/2		1/2		1/2	
3/4	153,700	3/4	168,748	3/4	183,776	3/4	198,773	3/4	213,198	3/4		3/4		3/4		3/4		3/4	
3	154,013	3	169,062	3	184,088	3	199,086	3	213,416	3		3		3		3		3	
1/4	154,327	1/4	169,375	1/4	184,401	1/4	199,398	1/4	213,582	1/4		1/4		1/4		1/4		1/4	
1/2	154,640	1/2	169,689	1/2	184,713	1/2	199,711	1/2	213,748	1/2		1/2		1/2		1/2		1/2	
3/4	154,954	3/4	170,002	3/4	185,026	3/4	200,023	3/4	213,913	3/4		3/4		3/4		3/4		3/4	
4	155,267	4	170,316	4	185,338	4	200,336	4	214,079	4		4		4		4		4	
1/4	155,581	1/4	170,629	1/4	185,650	1/4	200,648	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,894	1/2	170,943	1/2	185,963	1/2	200,960	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,208	3/4	171,256	3/4	186,275	3/4	201,273	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,521	5	171,570	5	186,588	5	201,585	5		5		5		5		5		5	
1/4	156,835	1/4	171,883	1/4	186,900	1/4	201,897	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,148	1/2	172,197	1/2	187,213	1/2	202,209	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,462	3/4	172,510	3/4	187,525	3/4	202,520	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,775	6	172,824	6	187,838	6	202,832	6		6		6		6		6		6	
1/4	158,089	1/4	173,138	1/4	188,150	1/4	203,141	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,402	1/2	173,451	1/2	188,462	1/2	203,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,716	3/4	173,765	3/4	188,775	3/4	203,760	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,029	7	174,078	7	189,087	7	204,070	7		7		7		7		7		7	
1/4	159,343	1/4	174,392	1/4	189,400	1/4	204,379	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,656	1/2	174,705	1/2	189,712	1/2	204,688	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,970	3/4	175,019	3/4	190,025	3/4	204,998	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,283	8	175,332	8	190,337	8	205,307	8		8		8		8		8		8	
1/4	160,597	1/4	175,646	1/4	190,650	1/4	205,617	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,910	1/2	175,959	1/2	190,962	1/2	205,926	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,224	3/4	176,273	3/4	191,275	3/4	206,236	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,537	9	176,586	9	191,587	9	206,545	9		9		9		9		9		9	
1/4	161,851	1/4	176,899	1/4	191,899	1/4	206,855	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,164	1/2	177,213	1/2	192,212	1/2	207,164	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,478	3/4	177,526	3/4	192,524	3/4	207,474	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,792	10	177,839	10	192,837	10	207,783	10		10		10		10		10		10	
1/4	163,105	1/4	178,152	1/4	193,149	1/4	208,092	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,419	1/2	178,464	1/2	193,462	1/2	208,402	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,732	3/4	178,777	3/4	193,774	3/4	208,711	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,046	11	179,089	11	194,087	11	209,021	11		11		11		11		11		11	
1/4	164,359	1/4	179,401	1/4	194,399	1/4	209,329	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,673	1/2	179,714	1/2	194,711	1/2	209,638	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,986	3/4	180,026	3/4	195,024	3/4	209,947	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2024 CL
CALCULATED: 09/19/2024 CL
PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2024

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



BARGE "HSM 4101"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	835	0	15,364	0	30,409	0	45,436	0	60,468	0	75,515	0	90,562	0	105,609	0	120,651	0	135,691
1/4	1,050	1/4	15,677	1/4	30,722	1/4	45,749	1/4	60,781	1/4	75,828	1/4	90,876	1/4	105,923	1/4	120,964	1/4	136,004
1/2	1,266	1/2	15,991	1/2	31,036	1/2	46,062	1/2	61,095	1/2	76,142	1/2	91,189	1/2	106,236	1/2	121,278	1/2	136,317
3/4	1,481	3/4	16,304	3/4	31,349	3/4	46,374	3/4	61,408	3/4	76,455	3/4	91,502	3/4	106,550	3/4	121,591	3/4	136,631
1	1,697	1	16,618	1	31,663	1	46,687	1	61,722	1	76,769	1	91,816	1	106,863	1	121,904	1	136,944
1/4	1,980	1/4	16,931	1/4	31,976	1/4	46,999	1/4	62,035	1/4	77,082	1/4	92,129	1/4	107,177	1/4	122,218	1/4	137,257
1/2	2,264	1/2	17,245	1/2	32,290	1/2	47,312	1/2	62,349	1/2	77,396	1/2	92,443	1/2	107,490	1/2	122,531	1/2	137,571
3/4	2,548	3/4	17,558	3/4	32,603	3/4	47,624	3/4	62,662	3/4	77,709	3/4	92,756	3/4	107,804	3/4	122,844	3/4	137,884
2	2,831	2	17,872	2	32,917	2	47,937	2	62,976	2	78,023	2	93,070	2	108,117	2	123,158	2	138,197
1/4	3,143	1/4	18,185	1/4	33,230	1/4	48,249	1/4	63,289	1/4	78,336	1/4	93,383	1/4	108,431	1/4	123,471	1/4	138,511
1/2	3,456	1/2	18,499	1/2	33,544	1/2	48,562	1/2	63,603	1/2	78,650	1/2	93,697	1/2	108,744	1/2	123,784	1/2	138,824
3/4	3,768	3/4	18,812	3/4	33,857	3/4	48,875	3/4	63,916	3/4	78,963	3/4	94,010	3/4	109,058	3/4	124,098	3/4	139,137
3	4,080	3	19,126	3	34,171	3	49,187	3	64,229	3	79,277	3	94,324	3	109,371	3	124,411	3	139,451
1/4	4,393	1/4	19,439	1/4	34,484	1/4	49,500	1/4	64,543	1/4	79,590	1/4	94,637	1/4	109,684	1/4	124,724	1/4	139,764
1/2	4,706	1/2	19,753	1/2	34,798	1/2	49,813	1/2	64,856	1/2	79,904	1/2	94,951	1/2	109,998	1/2	125,038	1/2	140,077
3/4	5,020	3/4	20,066	3/4	35,111	3/4	50,126	3/4	65,170	3/4	80,217	3/4	95,264	3/4	110,311	3/4	125,351	3/4	140,391
4	5,333	4	20,380	4	35,424	4	50,438	4	65,483	4	80,531	4	95,578	4	110,625	4	125,664	4	140,704
1/4	5,646	1/4	20,693	1/4	35,738	1/4	50,751	1/4	65,797	1/4	80,844	1/4	95,891	1/4	110,938	1/4	125,978	1/4	141,017
1/2	5,960	1/2	21,007	1/2	36,051	1/2	51,064	1/2	66,110	1/2	81,158	1/2	96,205	1/2	111,251	1/2	126,291	1/2	141,331
3/4	6,273	3/4	21,320	3/4	36,365	3/4	51,377	3/4	66,424	3/4	81,471	3/4	96,518	3/4	111,565	3/4	126,604	3/4	141,644
5	6,586	5	21,634	5	36,678	5	51,690	5	66,737	5	81,785	5	96,832	5	111,878	5	126,918	5	141,957
1/4	6,900	1/4	21,947	1/4	36,992	1/4	52,004	1/4	67,051	1/4	82,098	1/4	97,145	1/4	112,191	1/4	127,231	1/4	142,271
1/2	7,213	1/2	22,261	1/2	37,305	1/2	52,317	1/2	67,364	1/2	82,411	1/2	97,459	1/2	112,505	1/2	127,544	1/2	142,584
3/4	7,527	3/4	22,574	3/4	37,619	3/4	52,631	3/4	67,678	3/4	82,725	3/4	97,772	3/4	112,818	3/4	127,858	3/4	142,897
6	7,840	6	22,888	6	37,932	6	52,944	6	67,991	6	83,038	6	98,086	6	113,131	6	128,171	6	143,211
1/4	8,154	1/4	23,201	1/4	38,246	1/4	53,258	1/4	68,305	1/4	83,352	1/4	98,399	1/4	113,445	1/4	128,484	1/4	143,524
1/2	8,467	1/2	23,514	1/2	38,559	1/2	53,571	1/2	68,618	1/2	83,665	1/2	98,713	1/2	113,758	1/2	128,798	1/2	143,837
3/4	8,781	3/4	23,828	3/4	38,872	3/4	53,885	3/4	68,932	3/4	83,979	3/4	99,026	3/4	114,071	3/4	129,111	3/4	144,151
7	9,094	7	24,141	7	39,185	7	54,198	7	69,245	7	84,292	7	99,340	7	114,385	7	129,424	7	144,464
1/4	9,408	1/4	24,455	1/4	39,498	1/4	54,512	1/4	69,559	1/4	84,606	1/4	99,653	1/4	114,698	1/4	129,738	1/4	144,777
1/2	9,721	1/2	24,768	1/2	39,810	1/2	54,825	1/2	69,872	1/2	84,919	1/2	99,967	1/2	115,011	1/2	130,051	1/2	145,091
3/4	10,035	3/4	25,082	3/4	40,123	3/4	55,138	3/4	70,186	3/4	85,233	3/4	100,280	3/4	115,325	3/4	130,364	3/4	145,404
8	10,348	8	25,395	8	40,436	8	55,452	8	70,499	8	85,546	8	100,593	8	115,638	8	130,678	8	145,717
1/4	10,662	1/4	25,709	1/4	40,748	1/4	55,765	1/4	70,813	1/4	85,860	1/4	100,907	1/4	115,951	1/4	130,991	1/4	146,031
1/2	10,975	1/2	26,022	1/2	41,061	1/2	56,079	1/2	71,126	1/2	86,173	1/2	101,220	1/2	116,265	1/2	131,304	1/2	146,344
3/4	11,289	3/4	26,336	3/4	41,373	3/4	56,392	3/4	71,440	3/4	86,487	3/4	101,534	3/4	116,578	3/4	131,618	3/4	146,657
9	11,602	9	26,649	9	41,686	9	56,706	9	71,753	9	86,800	9	101,847	9	116,891	9	131,931	9	146,970
1/4	11,916	1/4	26,962	1/4	41,998	1/4	57,019	1/4	72,067	1/4	87,114	1/4	102,161	1/4	117,205	1/4	132,244	1/4	147,284
1/2	12,229	1/2	27,276	1/2	42,311	1/2	57,333	1/2	72,380	1/2	87,427	1/2	102,474	1/2	117,518	1/2	132,558	1/2	147,597
3/4	12,543	3/4	27,589	3/4	42,623	3/4	57,646	3/4	72,694	3/4	87,741	3/4	102,788	3/4	117,831	3/4	132,871	3/4	147,910
10	12,856	10	27,902	10	42,936	10	57,960	10	73,007	10	88,054	10	103,101	10	118,145	10	133,184	10	148,224
1/4	13,170	1/4	28,216	1/4	43,249	1/4	58,273	1/4	73,320	1/4	88,368	1/4	103,415	1/4	118,458	1/4	133,497	1/4	148,537
1/2	13,483	1/2	28,529	1/2	43,561	1/2	58,587	1/2	73,634	1/2	88,681	1/2	103,728	1/2	118,771	1/2	133,811	1/2	148,850
3/4	13,797	3/4	28,842	3/4	43,874	3/4	58,900	3/4	73,947	3/4	88,995	3/4	104,042	3/4	119,085	3/4	134,124	3/4	149,164
11	14,110	11	29,155	11	44,186	11	59,214	11	74,261	11	89,308	11	104,355	11	119,398	11	134,437	11	149,477
1/4	14,424	1/4	29,469	1/4	44,499	1/4	59,527	1/4	74,574	1/4	89,622	1/4	104,669	1/4	119,711	1/4	134,751	1/4	149,790
1/2	14,737	1/2	29,782	1/2	44,811	1/2	59,841	1/2	74,888	1/2	89,935	1/2	104,982	1/2	120,025	1/2	135,064	1/2	150,104
3/4	15,050	3/4	30,095	3/4	45,124	3/4	60,154	3/4	75,201	3/4	90,249	3/4	105,296	3/4	120,338	3/4	135,377	3/4	150,417

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 TOP LIP OF 2" MMC VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "HSM 4101"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	150,730	0	165,770	0	180,800	0	195,789	0	210,699	0		0		0		0		0	
1/4	151,044	1/4	166,083	1/4	181,112	1/4	196,101	1/4	211,001	1/4		1/4		1/4		1/4		1/4	
1/2	151,357	1/2	166,397	1/2	181,425	1/2	196,413	1/2	211,302	1/2		1/2		1/2		1/2		1/2	
3/4	151,670	3/4	166,710	3/4	181,737	3/4	196,725	3/4	211,604	3/4		3/4		3/4		3/4		3/4	
1	151,984	1	167,023	1	182,049	1	197,038	1	211,905	1		1		1		1		1	
1/4	152,297	1/4	167,337	1/4	182,361	1/4	197,350	1/4	212,176	1/4		1/4		1/4		1/4		1/4	
1/2	152,610	1/2	167,650	1/2	182,674	1/2	197,662	1/2	212,446	1/2		1/2		1/2		1/2		1/2	
3/4	152,924	3/4	167,963	3/4	182,986	3/4	197,974	3/4	212,716	3/4		3/4		3/4		3/4		3/4	
2	153,237	2	168,277	2	183,298	2	198,287	2	212,986	2		2		2		2		2	
1/4	153,550	1/4	168,590	1/4	183,610	1/4	198,599	1/4	213,204	1/4		1/4		1/4		1/4		1/4	
1/2	153,864	1/2	168,903	1/2	183,923	1/2	198,911	1/2	213,422	1/2		1/2		1/2		1/2		1/2	
3/4	154,177	3/4	169,217	3/4	184,235	3/4	199,223	3/4	213,639	3/4		3/4		3/4		3/4		3/4	
3	154,490	3	169,530	3	184,547	3	199,536	3	213,857	3		3		3		3		3	
1/4	154,804	1/4	169,843	1/4	184,859	1/4	199,848	1/4	214,023	1/4		1/4		1/4		1/4		1/4	
1/2	155,117	1/2	170,157	1/2	185,172	1/2	200,160	1/2	214,189	1/2		1/2		1/2		1/2		1/2	
3/4	155,430	3/4	170,470	3/4	185,484	3/4	200,472	3/4	214,354	3/4		3/4		3/4		3/4		3/4	
4	155,744	4	170,783	4	185,796	4	200,785	4	214,520	4		4		4		4		4	
1/4	156,057	1/4	171,097	1/4	186,108	1/4	201,097	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,370	1/2	171,410	1/2	186,421	1/2	201,409	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,684	3/4	171,723	3/4	186,733	3/4	201,721	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,997	5	172,036	5	187,045	5	202,034	5		5		5		5		5		5	
1/4	157,310	1/4	172,350	1/4	187,357	1/4	202,345	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,624	1/2	172,663	1/2	187,670	1/2	202,657	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,937	3/4	172,976	3/4	187,982	3/4	202,968	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,250	6	173,290	6	188,294	6	203,280	6		6		6		6		6		6	
1/4	158,564	1/4	173,603	1/4	188,607	1/4	203,589	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,877	1/2	173,916	1/2	188,919	1/2	203,898	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,190	3/4	174,230	3/4	189,231	3/4	204,207	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,503	7	174,543	7	189,543	7	204,516	7		7		7		7		7		7	
1/4	159,817	1/4	174,856	1/4	189,856	1/4	204,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,130	1/2	175,170	1/2	190,168	1/2	205,135	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,443	3/4	175,483	3/4	190,480	3/4	205,444	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,757	8	175,796	8	190,792	8	205,753	8		8		8		8		8		8	
1/4	161,070	1/4	176,110	1/4	191,105	1/4	206,062	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,383	1/2	176,423	1/2	191,417	1/2	206,372	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,697	3/4	176,736	3/4	191,729	3/4	206,681	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,010	9	177,050	9	192,041	9	206,990	9		9		9		9		9		9	
1/4	162,323	1/4	177,363	1/4	192,354	1/4	207,300	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,637	1/2	177,676	1/2	192,666	1/2	207,609	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,950	3/4	177,989	3/4	192,978	3/4	207,918	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,263	10	178,302	10	193,290	10	208,228	10		10		10		10		10		10	
1/4	163,577	1/4	178,614	1/4	193,603	1/4	208,537	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,890	1/2	178,926	1/2	193,915	1/2	208,846	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,203	3/4	179,239	3/4	194,227	3/4	209,155	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,517	11	179,551	11	194,539	11	209,464	11		11		11		11		11		11	
1/4	164,830	1/4	179,863	1/4	194,852	1/4	209,773	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,143	1/2	180,175	1/2	195,164	1/2	210,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,457	3/4	180,488	3/4	195,476	3/4	210,390	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2024 CL
CALCULATED: 09/19/2024 CL
PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2024

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



BARGE "HSM 4101"

3 PORT INNAGE TABLE

Gauge Height 15'-11 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	832	0	15,311	0	30,291	0	45,052	0	59,589	0	74,492	0	89,447	0	104,415	0	119,375	0	134,330
1/4	1,047	1/4	15,623	1/4	30,603	1/4	45,354	1/4	59,901	1/4	74,802	1/4	89,759	1/4	104,727	1/4	119,686	1/4	134,642
1/2	1,262	1/2	15,936	1/2	30,915	1/2	45,655	1/2	60,213	1/2	75,112	1/2	90,070	1/2	105,039	1/2	119,998	1/2	134,953
3/4	1,477	3/4	16,248	3/4	31,227	3/4	45,957	3/4	60,525	3/4	75,422	3/4	90,382	3/4	105,351	3/4	120,309	3/4	135,265
1	1,692	1	16,560	1	31,539	1	46,258	1	60,836	1	75,732	1	90,694	1	105,663	1	120,621	1	135,576
1/4	1,975	1/4	16,872	1/4	31,851	1/4	46,560	1/4	61,148	1/4	76,042	1/4	91,006	1/4	105,975	1/4	120,932	1/4	135,886
1/2	2,257	1/2	17,184	1/2	32,163	1/2	46,861	1/2	61,460	1/2	76,352	1/2	91,317	1/2	106,287	1/2	121,244	1/2	136,196
3/4	2,540	3/4	17,496	3/4	32,476	3/4	47,163	3/4	61,772	3/4	76,662	3/4	91,629	3/4	106,599	3/4	121,556	3/4	136,506
2	2,823	2	17,808	2	32,788	2	47,465	2	62,083	2	76,972	2	91,941	2	106,911	2	121,867	2	136,817
1/4	3,135	1/4	18,120	1/4	33,100	1/4	47,767	1/4	62,395	1/4	77,283	1/4	92,253	1/4	107,223	1/4	122,179	1/4	137,122
1/2	3,446	1/2	18,433	1/2	33,412	1/2	48,069	1/2	62,706	1/2	77,594	1/2	92,564	1/2	107,534	1/2	122,490	1/2	137,428
3/4	3,757	3/4	18,745	3/4	33,724	3/4	48,371	3/4	63,017	3/4	77,904	3/4	92,876	3/4	107,846	3/4	122,802	3/4	137,733
3	4,069	3	19,057	3	34,036	3	48,674	3	63,329	3	78,215	3	93,188	3	108,158	3	123,113	3	138,039
1/4	4,381	1/4	19,369	1/4	34,348	1/4	48,976	1/4	63,639	1/4	78,527	1/4	93,499	1/4	108,469	1/4	123,425	1/4	138,344
1/2	4,693	1/2	19,681	1/2	34,660	1/2	49,278	1/2	63,949	1/2	78,839	1/2	93,811	1/2	108,781	1/2	123,737	1/2	138,650
3/4	5,005	3/4	19,993	3/4	34,972	3/4	49,580	3/4	64,259	3/4	79,151	3/4	94,123	3/4	109,093	3/4	124,048	3/4	138,956
4	5,317	4	20,305	4	35,283	4	49,883	4	64,569	4	79,463	4	94,435	4	109,404	4	124,360	4	139,261
1/4	5,630	1/4	20,617	1/4	35,593	1/4	50,185	1/4	64,879	1/4	79,775	1/4	94,746	1/4	109,716	1/4	124,671	1/4	139,567
1/2	5,942	1/2	20,929	1/2	35,902	1/2	50,487	1/2	65,189	1/2	80,087	1/2	95,058	1/2	110,028	1/2	124,983	1/2	139,872
3/4	6,254	3/4	21,242	3/4	36,212	3/4	50,789	3/4	65,499	3/4	80,399	3/4	95,370	3/4	110,339	3/4	125,294	3/4	140,178
5	6,567	5	21,554	5	36,522	5	51,092	5	65,809	5	80,711	5	95,682	5	110,651	5	125,606	5	140,484
1/4	6,879	1/4	21,866	1/4	36,826	1/4	51,394	1/4	66,120	1/4	81,023	1/4	95,993	1/4	110,962	1/4	125,918	1/4	140,789
1/2	7,191	1/2	22,178	1/2	37,131	1/2	51,696	1/2	66,430	1/2	81,335	1/2	96,305	1/2	111,274	1/2	126,229	1/2	141,095
3/4	7,504	3/4	22,490	3/4	37,436	3/4	51,998	3/4	66,740	3/4	81,647	3/4	96,617	3/4	111,585	3/4	126,541	3/4	141,400
6	7,816	6	22,802	6	37,741	6	52,301	6	67,050	6	81,959	6	96,929	6	111,897	6	126,852	6	141,706
1/4	8,128	1/4	23,114	1/4	38,045	1/4	52,603	1/4	67,360	1/4	82,271	1/4	97,240	1/4	112,209	1/4	127,164	1/4	142,011
1/2	8,441	1/2	23,426	1/2	38,350	1/2	52,905	1/2	67,670	1/2	82,583	1/2	97,552	1/2	112,520	1/2	127,475	1/2	142,317
3/4	8,753	3/4	23,738	3/4	38,655	3/4	53,207	3/4	67,980	3/4	82,896	3/4	97,864	3/4	112,832	3/4	127,787	3/4	142,622
7	9,066	7	24,051	7	38,960	7	53,510	7	68,290	7	83,208	7	98,176	7	113,143	7	128,099	7	142,927
1/4	9,378	1/4	24,363	1/4	39,265	1/4	53,812	1/4	68,600	1/4	83,520	1/4	98,488	1/4	113,455	1/4	128,410	1/4	143,232
1/2	9,691	1/2	24,675	1/2	39,569	1/2	54,114	1/2	68,910	1/2	83,832	1/2	98,800	1/2	113,766	1/2	128,722	1/2	143,537
3/4	10,004	3/4	24,987	3/4	39,874	3/4	54,416	3/4	69,220	3/4	84,144	3/4	99,112	3/4	114,078	3/4	129,033	3/4	143,841
8	10,316	8	25,299	8	40,179	8	54,719	8	69,530	8	84,456	8	99,424	8	114,390	8	129,345	8	144,146
1/4	10,629	1/4	25,611	1/4	40,484	1/4	55,021	1/4	69,841	1/4	84,768	1/4	99,736	1/4	114,701	1/4	129,656	1/4	144,451
1/2	10,941	1/2	25,923	1/2	40,789	1/2	55,323	1/2	70,151	1/2	85,080	1/2	100,048	1/2	115,013	1/2	129,968	1/2	144,755
3/4	11,254	3/4	26,235	3/4	41,093	3/4	55,625	3/4	70,461	3/4	85,392	3/4	100,360	3/4	115,324	3/4	130,280	3/4	145,060
9	11,566	9	26,547	9	41,398	9	55,928	9	70,771	9	85,704	9	100,672	9	115,636	9	130,591	9	145,364
1/4	11,878	1/4	26,859	1/4	41,703	1/4	56,231	1/4	71,081	1/4	86,016	1/4	100,984	1/4	115,947	1/4	130,903	1/4	145,651
1/2	12,190	1/2	27,171	1/2	42,008	1/2	56,534	1/2	71,391	1/2	86,328	1/2	101,296	1/2	116,259	1/2	131,214	1/2	145,938
3/4	12,502	3/4	27,483	3/4	42,312	3/4	56,837	3/4	71,701	3/4	86,640	3/4	101,608	3/4	116,570	3/4	131,526	3/4	146,225
10	12,814	10	27,795	10	42,617	10	57,140	10	72,011	10	86,952	10	101,920	10	116,882	10	131,837	10	146,511
1/4	13,127	1/4	28,107	1/4	42,922	1/4	57,445	1/4	72,321	1/4	87,264	1/4	102,232	1/4	117,194	1/4	132,149	1/4	146,744
1/2	13,439	1/2	28,419	1/2	43,227	1/2	57,751	1/2	72,631	1/2	87,576	1/2	102,544	1/2	117,505	1/2	132,461	1/2	146,977
3/4	13,751	3/4	28,731	3/4	43,532	3/4	58,056	3/4	72,941	3/4	87,888	3/4	102,856	3/4	117,817	3/4	132,772	3/4	147,210
11	14,063	11	29,043	11	43,836	11	58,361	11	73,251	11	88,200	11	103,168	11	118,128	11	133,084	11	147,442
1/4	14,375	1/4	29,355	1/4	44,140	1/4	58,668	1/4	73,562	1/4	88,512	1/4	103,480	1/4	118,440	1/4	133,395	1/4	147,675
1/2	14,687	1/2	29,667	1/2	44,444	1/2	58,975	1/2	73,872	1/2	88,823	1/2	103,791	1/2	118,751	1/2	133,707	1/2	147,908
3/4	14,999	3/4	29,979	3/4	44,748	3/4	59,282	3/4	74,182	3/4	89,135	3/4	104,103	3/4	119,063	3/4	134,018	3/4	148,141

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 TOP LIP OF 2" MMC VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "HSM 4101"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	148,374	0	159,595	0	170,812	0	181,999	0	193,286	0		0		0		0		0	
1/4	148,607	1/4	159,828	1/4	171,045	1/4	182,232	1/4	193,515	1/4		1/4		1/4		1/4		1/4	
1/2	148,840	1/2	160,062	1/2	171,278	1/2	182,466	1/2	193,745	1/2		1/2		1/2		1/2		1/2	
3/4	149,073	3/4	160,296	3/4	171,511	3/4	182,699	3/4	193,975	3/4		3/4		3/4		3/4		3/4	
1	149,306	1	160,530	1	171,744	1	182,932	1	194,205	1		1		1		1		1	
1/4	149,540	1/4	160,764	1/4	171,977	1/4	183,165	1/4	194,403	1/4		1/4		1/4		1/4		1/4	
1/2	149,774	1/2	160,998	1/2	172,210	1/2	183,398	1/2	194,602	1/2		1/2		1/2		1/2		1/2	
3/4	150,007	3/4	161,231	3/4	172,443	3/4	183,631	3/4	194,800	3/4		3/4		3/4		3/4		3/4	
2	150,241	2	161,465	2	172,676	2	183,864	2	194,998	2		2		2		2		2	
1/4	150,475	1/4	161,699	1/4	172,910	1/4	184,097	1/4	195,145	1/4		1/4		1/4		1/4		1/4	
1/2	150,709	1/2	161,933	1/2	173,143	1/2	184,330	1/2	195,291	1/2		1/2		1/2		1/2		1/2	
3/4	150,943	3/4	162,167	3/4	173,376	3/4	184,563	3/4	195,437	3/4		3/4		3/4		3/4		3/4	
3	151,177	3	162,401	3	173,609	3	184,796	3	195,584	3		3		3		3		3	
1/4	151,410	1/4	162,635	1/4	173,842	1/4	185,029	1/4	195,678	1/4		1/4		1/4		1/4		1/4	
1/2	151,644	1/2	162,868	1/2	174,075	1/2	185,262	1/2	195,772	1/2		1/2		1/2		1/2		1/2	
3/4	151,878	3/4	163,102	3/4	174,308	3/4	185,496	3/4	195,866	3/4		3/4		3/4		3/4		3/4	
4	152,112	4	163,336	4	174,541	4	185,729	4	195,961	4		4		4		4		4	
1/4	152,346	1/4	163,570	1/4	174,774	1/4	185,962	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,580	1/2	163,804	1/2	175,007	1/2	186,195	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,813	3/4	164,038	3/4	175,240	3/4	186,428	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,047	5	164,271	5	175,473	5	186,661	5		5		5		5		5		5	
1/4	153,281	1/4	164,505	1/4	175,706	1/4	186,894	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,515	1/2	164,739	1/2	175,939	1/2	187,127	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,749	3/4	164,973	3/4	176,173	3/4	187,360	3/4		3/4		3/4		3/4		3/4		3/4	
6	153,983	6	165,207	6	176,406	6	187,593	6		6		6		6		6		6	
1/4	154,216	1/4	165,441	1/4	176,639	1/4	187,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,450	1/2	165,674	1/2	176,872	1/2	188,059	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,684	3/4	165,908	3/4	177,105	3/4	188,292	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,918	7	166,142	7	177,338	7	188,525	7		7		7		7		7		7	
1/4	155,152	1/4	166,376	1/4	177,571	1/4	188,760	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,386	1/2	166,610	1/2	177,804	1/2	188,995	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,619	3/4	166,844	3/4	178,037	3/4	189,229	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,853	8	167,077	8	178,270	8	189,464	8		8		8		8		8		8	
1/4	156,087	1/4	167,311	1/4	178,503	1/4	189,703	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,321	1/2	167,545	1/2	178,736	1/2	189,942	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,555	3/4	167,779	3/4	178,969	3/4	190,181	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,789	9	168,013	9	179,203	9	190,421	9		9		9		9		9		9	
1/4	157,022	1/4	168,246	1/4	179,436	1/4	190,660	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,256	1/2	168,480	1/2	179,669	1/2	190,899	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,490	3/4	168,714	3/4	179,902	3/4	191,138	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,724	10	168,947	10	180,135	10	191,377	10		10		10		10		10		10	
1/4	157,958	1/4	169,180	1/4	180,368	1/4	191,616	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,192	1/2	169,413	1/2	180,601	1/2	191,855	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,425	3/4	169,646	3/4	180,834	3/4	192,094	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,659	11	169,880	11	181,067	11	192,333	11		11		11		11		11		11	
1/4	158,893	1/4	170,113	1/4	181,300	1/4	192,571	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,127	1/2	170,346	1/2	181,533	1/2	192,809	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,361	3/4	170,579	3/4	181,766	3/4	193,047	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2024 CL
CALCULATED: 09/19/2024 CL
PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2024

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



BARGE "HSM 4101"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	832	0	15,317	0	30,319	0	45,304	0	60,305	0	75,306	0	90,308	0	105,310	0	120,296	0	135,278
1/4	1,047	1/4	15,630	1/4	30,631	1/4	45,617	1/4	60,617	1/4	75,619	1/4	90,621	1/4	105,623	1/4	120,608	1/4	135,590
1/2	1,262	1/2	15,942	1/2	30,944	1/2	45,929	1/2	60,930	1/2	75,932	1/2	90,933	1/2	105,935	1/2	120,920	1/2	135,902
3/4	1,476	3/4	16,255	3/4	31,256	3/4	46,241	3/4	61,242	3/4	76,244	3/4	91,246	3/4	106,248	3/4	121,232	3/4	136,214
1	1,691	1	16,567	1	31,569	1	46,554	1	61,555	1	76,557	1	91,559	1	106,560	1	121,545	1	136,526
1/4	1,974	1/4	16,880	1/4	31,881	1/4	46,866	1/4	61,867	1/4	76,869	1/4	91,871	1/4	106,873	1/4	121,857	1/4	136,837
1/2	2,257	1/2	17,192	1/2	32,194	1/2	47,178	1/2	62,180	1/2	77,182	1/2	92,184	1/2	107,185	1/2	122,169	1/2	137,148
3/4	2,540	3/4	17,505	3/4	32,506	3/4	47,491	3/4	62,492	3/4	77,494	3/4	92,496	3/4	107,498	3/4	122,481	3/4	137,458
2	2,823	2	17,818	2	32,819	2	47,803	2	62,805	2	77,807	2	92,809	2	107,810	2	122,793	2	137,769
1/4	3,134	1/4	18,130	1/4	33,132	1/4	48,115	1/4	63,117	1/4	78,119	1/4	93,121	1/4	108,123	1/4	123,105	1/4	138,075
1/2	3,445	1/2	18,443	1/2	33,444	1/2	48,428	1/2	63,430	1/2	78,432	1/2	93,434	1/2	108,435	1/2	123,417	1/2	138,381
3/4	3,756	3/4	18,755	3/4	33,757	3/4	48,741	3/4	63,742	3/4	78,744	3/4	93,746	3/4	108,747	3/4	123,729	3/4	138,687
3	4,068	3	19,068	3	34,069	3	49,053	3	64,055	3	79,057	3	94,059	3	109,059	3	124,041	3	138,994
1/4	4,380	1/4	19,380	1/4	34,382	1/4	49,366	1/4	64,368	1/4	79,369	1/4	94,371	1/4	109,371	1/4	124,354	1/4	139,300
1/2	4,692	1/2	19,693	1/2	34,694	1/2	49,678	1/2	64,680	1/2	79,682	1/2	94,684	1/2	109,684	1/2	124,666	1/2	139,606
3/4	5,004	3/4	20,005	3/4	35,006	3/4	49,991	3/4	64,993	3/4	79,995	3/4	94,996	3/4	109,996	3/4	124,978	3/4	139,912
4	5,316	4	20,318	4	35,319	4	50,303	4	65,305	4	80,307	4	95,309	4	110,308	4	125,290	4	140,218
1/4	5,629	1/4	20,630	1/4	35,631	1/4	50,616	1/4	65,618	1/4	80,620	1/4	95,622	1/4	110,620	1/4	125,602	1/4	140,524
1/2	5,941	1/2	20,943	1/2	35,943	1/2	50,928	1/2	65,930	1/2	80,932	1/2	95,934	1/2	110,932	1/2	125,914	1/2	140,830
3/4	6,254	3/4	21,255	3/4	36,255	3/4	51,241	3/4	66,243	3/4	81,245	3/4	96,247	3/4	111,244	3/4	126,226	3/4	141,137
5	6,566	5	21,568	5	36,567	5	51,553	5	66,555	5	81,557	5	96,559	5	111,557	5	126,538	5	141,443
1/4	6,879	1/4	21,880	1/4	36,879	1/4	51,866	1/4	66,868	1/4	81,870	1/4	96,872	1/4	111,869	1/4	126,851	1/4	141,749
1/2	7,192	1/2	22,193	1/2	37,191	1/2	52,178	1/2	67,180	1/2	82,182	1/2	97,184	1/2	112,181	1/2	127,163	1/2	142,055
3/4	7,504	3/4	22,506	3/4	37,503	3/4	52,491	3/4	67,493	3/4	82,495	3/4	97,497	3/4	112,493	3/4	127,475	3/4	142,361
6	7,817	6	22,818	6	37,815	6	52,804	6	67,805	6	82,807	6	97,809	6	112,805	6	127,787	6	142,667
1/4	8,129	1/4	23,131	1/4	38,127	1/4	53,116	1/4	68,118	1/4	83,120	1/4	98,122	1/4	113,117	1/4	128,099	1/4	142,973
1/2	8,442	1/2	23,443	1/2	38,439	1/2	53,429	1/2	68,431	1/2	83,432	1/2	98,434	1/2	113,429	1/2	128,411	1/2	143,279
3/4	8,754	3/4	23,756	3/4	38,751	3/4	53,741	3/4	68,743	3/4	83,745	3/4	98,747	3/4	113,741	3/4	128,723	3/4	143,585
7	9,067	7	24,068	7	39,063	7	54,054	7	69,056	7	84,058	7	99,059	7	114,054	7	129,035	7	143,891
1/4	9,379	1/4	24,381	1/4	39,375	1/4	54,366	1/4	69,368	1/4	84,370	1/4	99,372	1/4	114,366	1/4	129,348	1/4	144,196
1/2	9,692	1/2	24,693	1/2	39,687	1/2	54,679	1/2	69,681	1/2	84,683	1/2	99,685	1/2	114,678	1/2	129,660	1/2	144,501
3/4	10,004	3/4	25,006	3/4	39,999	3/4	54,991	3/4	69,993	3/4	84,995	3/4	99,997	3/4	114,990	3/4	129,972	3/4	144,806
8	10,317	8	25,318	8	40,311	8	55,304	8	70,306	8	85,308	8	100,310	8	115,302	8	130,284	8	145,112
1/4	10,629	1/4	25,631	1/4	40,624	1/4	55,616	1/4	70,618	1/4	85,620	1/4	100,622	1/4	115,614	1/4	130,596	1/4	145,417
1/2	10,942	1/2	25,943	1/2	40,936	1/2	55,929	1/2	70,931	1/2	85,933	1/2	100,935	1/2	115,926	1/2	130,908	1/2	145,722
3/4	11,254	3/4	26,256	3/4	41,248	3/4	56,241	3/4	71,243	3/4	86,245	3/4	101,247	3/4	116,238	3/4	131,220	3/4	146,027
9	11,567	9	26,568	9	41,560	9	56,554	9	71,556	9	86,558	9	101,560	9	116,551	9	131,532	9	146,332
1/4	11,879	1/4	26,881	1/4	41,872	1/4	56,867	1/4	71,868	1/4	86,870	1/4	101,872	1/4	116,863	1/4	131,845	1/4	146,620
1/2	12,192	1/2	27,193	1/2	42,184	1/2	57,179	1/2	72,181	1/2	87,183	1/2	102,185	1/2	117,175	1/2	132,157	1/2	146,907
3/4	12,505	3/4	27,506	3/4	42,496	3/4	57,492	3/4	72,494	3/4	87,495	3/4	102,497	3/4	117,487	3/4	132,469	3/4	147,194
10	12,817	10	27,819	10	42,808	10	57,804	10	72,806	10	87,808	10	102,810	10	117,799	10	132,781	10	147,481
1/4	13,130	1/4	28,131	1/4	43,120	1/4	58,117	1/4	73,119	1/4	88,121	1/4	103,122	1/4	118,111	1/4	133,093	1/4	147,714
1/2	13,442	1/2	28,444	1/2	43,432	1/2	58,429	1/2	73,431	1/2	88,433	1/2	103,435	1/2	118,423	1/2	133,405	1/2	147,946
3/4	13,755	3/4	28,756	3/4	43,744	3/4	58,742	3/4	73,744	3/4	88,746	3/4	103,748	3/4	118,735	3/4	133,717	3/4	148,179
11	14,067	11	29,069	11	44,056	11	59,054	11	74,056	11	89,058	11	104,060	11	119,048	11	134,029	11	148,412
1/4	14,380	1/4	29,381	1/4	44,368	1/4	59,367	1/4	74,369	1/4	89,371	1/4	104,373	1/4	119,360	1/4	134,342	1/4	148,645
1/2	14,692	1/2	29,694	1/2	44,680	1/2	59,679	1/2	74,681	1/2	89,683	1/2	104,685	1/2	119,672	1/2	134,654	1/2	148,878
3/4	15,005	3/4	30,006	3/4	44,992	3/4	59,992	3/4	74,994	3/4	89,996	3/4	104,998	3/4	119,984	3/4	134,966	3/4	149,110

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 TOP LIP OF 2" MMC VALVE
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 4101"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	149,343	0	160,561	0	171,775	0	182,960	0	194,243	0		0		0		0		0	
1/4	149,576	1/4	160,795	1/4	172,008	1/4	183,193	1/4	194,472	1/4		1/4		1/4		1/4		1/4	
1/2	149,809	1/2	161,029	1/2	172,241	1/2	183,426	1/2	194,702	1/2		1/2		1/2		1/2		1/2	
3/4	150,042	3/4	161,263	3/4	172,474	3/4	183,659	3/4	194,932	3/4		3/4		3/4		3/4		3/4	
1	150,276	1	161,496	1	172,707	1	183,892	1	195,162	1		1		1		1		1	
1/4	150,509	1/4	161,730	1/4	172,940	1/4	184,125	1/4	195,360	1/4		1/4		1/4		1/4		1/4	
1/2	150,743	1/2	161,964	1/2	173,173	1/2	184,358	1/2	195,558	1/2		1/2		1/2		1/2		1/2	
3/4	150,977	3/4	162,198	3/4	173,406	3/4	184,591	3/4	195,757	3/4		3/4		3/4		3/4		3/4	
2	151,211	2	162,431	2	173,639	2	184,824	2	195,955	2		2		2		2		2	
1/4	151,444	1/4	162,665	1/4	173,872	1/4	185,057	1/4	196,101	1/4		1/4		1/4		1/4		1/4	
1/2	151,678	1/2	162,899	1/2	174,105	1/2	185,290	1/2	196,248	1/2		1/2		1/2		1/2		1/2	
3/4	151,912	3/4	163,133	3/4	174,338	3/4	185,523	3/4	196,394	3/4		3/4		3/4		3/4		3/4	
3	152,146	3	163,366	3	174,571	3	185,756	3	196,540	3		3		3		3		3	
1/4	152,379	1/4	163,600	1/4	174,804	1/4	185,989	1/4	196,634	1/4		1/4		1/4		1/4		1/4	
1/2	152,613	1/2	163,834	1/2	175,037	1/2	186,222	1/2	196,728	1/2		1/2		1/2		1/2		1/2	
3/4	152,847	3/4	164,068	3/4	175,270	3/4	186,455	3/4	196,823	3/4		3/4		3/4		3/4		3/4	
4	153,081	4	164,302	4	175,503	4	186,688	4	196,917	4		4		4		4		4	
1/4	153,314	1/4	164,535	1/4	175,736	1/4	186,921	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,548	1/2	164,769	1/2	175,969	1/2	187,154	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,782	3/4	165,003	3/4	176,202	3/4	187,387	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,016	5	165,237	5	176,435	5	187,620	5		5		5		5		5		5	
1/4	154,250	1/4	165,470	1/4	176,668	1/4	187,853	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,483	1/2	165,704	1/2	176,901	1/2	188,086	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,717	3/4	165,938	3/4	177,134	3/4	188,319	3/4		3/4		3/4		3/4		3/4		3/4	
6	154,951	6	166,172	6	177,367	6	188,552	6		6		6		6		6		6	
1/4	155,185	1/4	166,405	1/4	177,600	1/4	188,785	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,418	1/2	166,639	1/2	177,833	1/2	189,018	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,652	3/4	166,873	3/4	178,067	3/4	189,251	3/4		3/4		3/4		3/4		3/4		3/4	
7	155,886	7	167,107	7	178,300	7	189,484	7		7		7		7		7		7	
1/4	156,120	1/4	167,341	1/4	178,533	1/4	189,718	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,353	1/2	167,574	1/2	178,766	1/2	189,953	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,587	3/4	167,808	3/4	178,999	3/4	190,187	3/4		3/4		3/4		3/4		3/4		3/4	
8	156,821	8	168,042	8	179,232	8	190,422	8		8		8		8		8		8	
1/4	157,055	1/4	168,276	1/4	179,465	1/4	190,661	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,289	1/2	168,509	1/2	179,698	1/2	190,900	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,522	3/4	168,743	3/4	179,931	3/4	191,139	3/4		3/4		3/4		3/4		3/4		3/4	
9	157,756	9	168,977	9	180,164	9	191,378	9		9		9		9		9		9	
1/4	157,990	1/4	169,211	1/4	180,397	1/4	191,617	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,224	1/2	169,444	1/2	180,630	1/2	191,857	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,457	3/4	169,678	3/4	180,863	3/4	192,096	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,691	10	169,911	10	181,096	10	192,335	10		10		10		10		10		10	
1/4	158,925	1/4	170,144	1/4	181,329	1/4	192,574	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,159	1/2	170,377	1/2	181,562	1/2	192,813	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,392	3/4	170,610	3/4	181,795	3/4	193,052	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,626	11	170,843	11	182,028	11	193,291	11		11		11		11		11		11	
1/4	159,860	1/4	171,076	1/4	182,261	1/4	193,529	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,094	1/2	171,309	1/2	182,494	1/2	193,767	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,328	3/4	171,542	3/4	182,727	3/4	194,005	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2024 CL
CALCULATED: 09/19/2024 CL
PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2024

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



BARGE "HSM 4101"

PORT SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	9	0	296	0	583	0	870	0	1,158	0		0		0		0		0	
1/4	15	1/4	302	1/4	589	1/4	876	1/4	1,164	1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	308	1/2	595	1/2	882	1/2	1,170	1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	314	3/4	601	3/4	888	3/4	1,176	3/4		3/4		3/4		3/4		3/4	
1	33	1	320	1	607	1	894	1	1,182	1		1		1		1		1	
1/4	39	1/4	326	1/4	613	1/4	900	1/4	1,187	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	332	1/2	619	1/2	906	1/2	1,193	1/2		1/2		1/2		1/2		1/2	
3/4	51	3/4	338	3/4	625	3/4	912	3/4	1,199	3/4		3/4		3/4		3/4		3/4	
2	57	2	344	2	631	2	918	2	1,205	2		2		2		2		2	
1/4	63	1/4	350	1/4	637	1/4	924	1/4	1,211	1/4		1/4		1/4		1/4		1/4	
1/2	69	1/2	356	1/2	643	1/2	930	1/2	1,217	1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	362	3/4	649	3/4	936	3/4	1,223	3/4		3/4		3/4		3/4		3/4	
3	81	3	368	3	655	3	942	3	1,229	3		3		3		3		3	
1/4	87	1/4	374	1/4	661	1/4	948	1/4	1,235	1/4		1/4		1/4		1/4		1/4	
1/2	93	1/2	380	1/2	667	1/2	954	1/2	1,241	1/2		1/2		1/2		1/2		1/2	
3/4	99	3/4	386	3/4	673	3/4	960	3/4	1,247	3/4		3/4		3/4		3/4		3/4	
4	105	4	392	4	679	4	966	4	1,253	4		4		4		4		4	
1/4	111	1/4	398	1/4	685	1/4	972	1/4	1,259	1/4		1/4		1/4		1/4		1/4	
1/2	117	1/2	404	1/2	691	1/2	978	1/2	1,265	1/2		1/2		1/2		1/2		1/2	
3/4	123	3/4	410	3/4	697	3/4	984	3/4	1,271	3/4		3/4		3/4		3/4		3/4	
5	129	5	416	5	703	5	990	5	1,277	5		5		5		5		5	
1/4	135	1/4	422	1/4	709	1/4	996	1/4	1,283	1/4		1/4		1/4		1/4		1/4	
1/2	141	1/2	428	1/2	715	1/2	1,002	1/2	1,286	1/2		1/2		1/2		1/2		1/2	
3/4	147	3/4	434	3/4	721	3/4	1,008	3/4	=====	3/4		3/4		3/4		3/4		3/4	
6	153	6	440	6	727	6	1,014	6		6		6		6		6		6	
1/4	159	1/4	446	1/4	733	1/4	1,020	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165	1/2	452	1/2	739	1/2	1,026	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	170	3/4	458	3/4	745	3/4	1,032	3/4		3/4		3/4		3/4		3/4		3/4	
7	176	7	464	7	751	7	1,038	7		7		7		7		7		7	
1/4	182	1/4	470	1/4	757	1/4	1,044	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	188	1/2	476	1/2	763	1/2	1,050	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	194	3/4	482	3/4	769	3/4	1,056	3/4		3/4		3/4		3/4		3/4		3/4	
8	200	8	488	8	775	8	1,062	8		8		8		8		8		8	
1/4	206	1/4	494	1/4	781	1/4	1,068	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	212	1/2	500	1/2	787	1/2	1,074	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	218	3/4	506	3/4	793	3/4	1,080	3/4		3/4		3/4		3/4		3/4		3/4	
9	224	9	511	9	799	9	1,086	9		9		9		9		9		9	
1/4	230	1/4	517	1/4	805	1/4	1,092	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	236	1/2	523	1/2	811	1/2	1,098	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	242	3/4	529	3/4	817	3/4	1,104	3/4		3/4		3/4		3/4		3/4		3/4	
10	248	10	535	10	823	10	1,110	10		10		10		10		10		10	
1/4	254	1/4	541	1/4	829	1/4	1,116	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	260	1/2	547	1/2	835	1/2	1,122	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	266	3/4	553	3/4	841	3/4	1,128	3/4		3/4		3/4		3/4		3/4		3/4	
11	272	11	559	11	846	11	1,134	11		11		11		11		11		11	
1/4	278	1/4	565	1/4	852	1/4	1,140	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	571	1/2	858	1/2	1,146	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	577	3/4	864	3/4	1,152	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 09/18/2024 CL
 CALCULATED: 09/19/2024 CL
 PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 09/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 4101"

STBD SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	9	0	296	0	583	0	870	0	1,158	0		0		0		0		0	
1/4	15	1/4	302	1/4	589	1/4	876	1/4	1,164	1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	308	1/2	595	1/2	882	1/2	1,170	1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	314	3/4	601	3/4	888	3/4	1,176	3/4		3/4		3/4		3/4		3/4	
1	33	1	320	1	607	1	894	1	1,182	1		1		1		1		1	
1/4	39	1/4	326	1/4	613	1/4	900	1/4	1,187	1/4		1/4		1/4		1/4		1/4	
1/2	45	1/2	332	1/2	619	1/2	906	1/2	1,193	1/2		1/2		1/2		1/2		1/2	
3/4	51	3/4	338	3/4	625	3/4	912	3/4	1,199	3/4		3/4		3/4		3/4		3/4	
2	57	2	344	2	631	2	918	2	1,205	2		2		2		2		2	
1/4	63	1/4	350	1/4	637	1/4	924	1/4	1,211	1/4		1/4		1/4		1/4		1/4	
1/2	69	1/2	356	1/2	643	1/2	930	1/2	1,217	1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	362	3/4	649	3/4	936	3/4	1,223	3/4		3/4		3/4		3/4		3/4	
3	81	3	368	3	655	3	942	3	1,229	3		3		3		3		3	
1/4	87	1/4	374	1/4	661	1/4	948	1/4	1,235	1/4		1/4		1/4		1/4		1/4	
1/2	93	1/2	380	1/2	667	1/2	954	1/2	1,241	1/2		1/2		1/2		1/2		1/2	
3/4	99	3/4	386	3/4	673	3/4	960	3/4	1,247	3/4		3/4		3/4		3/4		3/4	
4	105	4	392	4	679	4	966	4	1,253	4		4		4		4		4	
1/4	111	1/4	398	1/4	685	1/4	972	1/4	1,259	1/4		1/4		1/4		1/4		1/4	
1/2	117	1/2	404	1/2	691	1/2	978	1/2	1,265	1/2		1/2		1/2		1/2		1/2	
3/4	123	3/4	410	3/4	697	3/4	984	3/4	1,271	3/4		3/4		3/4		3/4		3/4	
5	129	5	416	5	703	5	990	5	1,277	5		5		5		5		5	
1/4	135	1/4	422	1/4	709	1/4	996	1/4	1,283	1/4		1/4		1/4		1/4		1/4	
1/2	141	1/2	428	1/2	715	1/2	1,002	1/2	1,286	1/2		1/2		1/2		1/2		1/2	
3/4	147	3/4	434	3/4	721	3/4	1,008	3/4		3/4		3/4		3/4		3/4		3/4	
6	153	6	440	6	727	6	1,014	6		6		6		6		6		6	
1/4	159	1/4	446	1/4	733	1/4	1,020	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165	1/2	452	1/2	739	1/2	1,026	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	170	3/4	458	3/4	745	3/4	1,032	3/4		3/4		3/4		3/4		3/4		3/4	
7	176	7	464	7	751	7	1,038	7		7		7		7		7		7	
1/4	182	1/4	470	1/4	757	1/4	1,044	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	188	1/2	476	1/2	763	1/2	1,050	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	194	3/4	482	3/4	769	3/4	1,056	3/4		3/4		3/4		3/4		3/4		3/4	
8	200	8	488	8	775	8	1,062	8		8		8		8		8		8	
1/4	206	1/4	494	1/4	781	1/4	1,068	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	212	1/2	500	1/2	787	1/2	1,074	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	218	3/4	506	3/4	793	3/4	1,080	3/4		3/4		3/4		3/4		3/4		3/4	
9	224	9	511	9	799	9	1,086	9		9		9		9		9		9	
1/4	230	1/4	517	1/4	805	1/4	1,092	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	236	1/2	523	1/2	811	1/2	1,098	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	242	3/4	529	3/4	817	3/4	1,104	3/4		3/4		3/4		3/4		3/4		3/4	
10	248	10	535	10	823	10	1,110	10		10		10		10		10		10	
1/4	254	1/4	541	1/4	829	1/4	1,116	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	260	1/2	547	1/2	835	1/2	1,122	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	266	3/4	553	3/4	841	3/4	1,128	3/4		3/4		3/4		3/4		3/4		3/4	
11	272	11	559	11	846	11	1,134	11		11		11		11		11		11	
1/4	278	1/4	565	1/4	852	1/4	1,140	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	284	1/2	571	1/2	858	1/2	1,146	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	577	3/4	864	3/4	1,152	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 09/18/2024 CL
CALCULATED: 09/19/2024 CL
PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 4101"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	85	0	214	0	331	0		0		0		0		0		0	
1/4	1	1/4	88	1/4	216	1/4	332	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1	1/2	90	1/2	219	1/2	334	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2	3/4	93	3/4	222	3/4	336	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2	1	95	1	224	1	338	1		1		1		1		1		1	
1/4	3	1/4	98	1/4	227	1/4	340	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4	1/2	100	1/2	230	1/2	342	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5	3/4	103	3/4	232	3/4	343	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	6	2	105	2	235	2	345	2		2		2		2		2		2	
1/4	8	1/4	108	1/4	238	1/4	347	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	9	1/2	111	1/2	240	1/2	348	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	10	3/4	113	3/4	243	3/4	350	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	11	3	116	3	246	3	351	3		3		3		3		3		3	
1/4	13	1/4	118	1/4	248	1/4	353	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14	1/2	121	1/2	251	1/2	354	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	16	3/4	124	3/4	254	3/4	355	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	17	4	126	4	256	4	357	4		4		4		4		4		4	
1/4	19	1/4	129	1/4	259	1/4	358	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	21	1/2	132	1/2	261	1/2	359	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	23	3/4	134	3/4	264	3/4	360	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	24	5	137	5	266	5	361	5		5		5		5		5		5	
1/4	26	1/4	140	1/4	269	1/4	362	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	28	1/2	143	1/2	271	1/2	362	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	30	3/4	145	3/4	274	3/4	363	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	32	6	148	6	277	6	364	6		6		6		6		6		6	
1/4	34	1/4	151	1/4	279	1/4	364	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	36	1/2	153	1/2	281	1/2	364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	38	3/4	156	3/4	284	3/4	364	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	40	7	159	7	286	7	364	7		7		7		7		7		7	
1/4	42	1/4	162	1/4	289	1/4	364	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44	1/2	164	1/2	291	1/2	364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	46	3/4	167	3/4	294	3/4	364	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	48	8	170	8	296	8	364	8		8		8		8		8		8	
1/4	50	1/4	172	1/4	298	1/4	364	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	52	1/2	175	1/2	301	1/2	364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	55	3/4	178	3/4	303	3/4	364	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	57	9	181	9	305	9	364	9		9		9		9		9		9	
1/4	59	1/4	183	1/4	307	1/4	364	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61	1/2	186	1/2	310	1/2	364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64	3/4	189	3/4	312	3/4	364	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	66	10	192	10	314	10	364	10		10		10		10		10		10	
1/4	68	1/4	194	1/4	316	1/4	364	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71	1/2	197	1/2	318	1/2	364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73	3/4	200	3/4	320	3/4	364	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	75	11	203	11	323	11	364	11		11		11		11		11		11	
1/4	78	1/4	205	1/4	325	1/4	364	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80	1/2	208	1/2	327	1/2	364	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83	3/4	211	3/4	329	3/4	364	3/4	3/4	3/4	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: 09/18/2024 CL
CALCULATED: 09/19/2024 CL
PRINTED: 09/19/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2024

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

Pearland, Texas 77588
<http://www.pmacorp.net>