



BARGE "HSM 3003"

INNAGE TRIM TABLE

	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	00-0/8	- 00-0/8	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	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(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"

November 2, 2016

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

<http://www.pmacorp.net>



BARGE "HSM 3003"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	386	0	13,279	0	28,237	0	43,291	0	58,283	0	73,295	0	88,349	0	103,404	0	118,454	0	133,502
1/4	563	1/4	13,581	1/4	28,550	1/4	43,604	1/4	58,594	1/4	73,608	1/4	88,663	1/4	103,717	1/4	118,767	1/4	133,815
1/2	741	1/2	13,883	1/2	28,864	1/2	43,918	1/2	58,906	1/2	73,922	1/2	88,977	1/2	104,031	1/2	119,081	1/2	134,129
3/4	918	3/4	14,185	3/4	29,178	3/4	44,232	3/4	59,217	3/4	74,236	3/4	89,290	3/4	104,345	3/4	119,394	3/4	134,442
1	1,095	1	14,487	1	29,491	1	44,545	1	59,528	1	74,549	1	89,604	1	104,658	1	119,708	1	134,756
1/4	1,334	1/4	14,793	1/4	29,805	1/4	44,859	1/4	59,839	1/4	74,863	1/4	89,918	1/4	104,972	1/4	120,021	1/4	135,069
1/2	1,574	1/2	15,099	1/2	30,119	1/2	45,173	1/2	60,151	1/2	75,177	1/2	90,231	1/2	105,286	1/2	120,335	1/2	135,383
3/4	1,813	3/4	15,405	3/4	30,432	3/4	45,486	3/4	60,462	3/4	75,490	3/4	90,545	3/4	105,599	3/4	120,648	3/4	135,696
2	2,052	2	15,711	2	30,746	2	45,800	2	60,773	2	75,804	2	90,858	2	105,913	2	120,962	2	136,010
1/4	2,314	1/4	16,021	1/4	31,059	1/4	46,113	1/4	61,085	1/4	76,118	1/4	91,172	1/4	106,227	1/4	121,275	1/4	136,323
1/2	2,577	1/2	16,331	1/2	31,373	1/2	46,427	1/2	61,396	1/2	76,431	1/2	91,486	1/2	106,540	1/2	121,589	1/2	136,637
3/4	2,839	3/4	16,640	3/4	31,687	3/4	46,741	3/4	61,707	3/4	76,745	3/4	91,799	3/4	106,854	3/4	121,902	3/4	136,950
3	3,102	3	16,950	3	32,000	3	47,054	3	62,018	3	77,058	3	92,113	3	107,167	3	122,216	3	137,264
1/4	3,369	1/4	17,263	1/4	32,314	1/4	47,368	1/4	62,330	1/4	77,372	1/4	92,427	1/4	107,481	1/4	122,529	1/4	137,577
1/2	3,636	1/2	17,575	1/2	32,628	1/2	47,682	1/2	62,641	1/2	77,686	1/2	92,740	1/2	107,795	1/2	122,843	1/2	137,891
3/4	3,903	3/4	17,888	3/4	32,941	3/4	47,995	3/4	62,953	3/4	77,999	3/4	93,054	3/4	108,108	3/4	123,156	3/4	138,204
4	4,170	4	18,201	4	33,255	4	48,309	4	63,264	4	78,313	4	93,368	4	108,422	4	123,470	4	138,518
1/4	4,441	1/4	18,514	1/4	33,568	1/4	48,622	1/4	63,577	1/4	78,627	1/4	93,681	1/4	108,735	1/4	123,783	1/4	138,831
1/2	4,712	1/2	18,828	1/2	33,882	1/2	48,935	1/2	63,889	1/2	78,940	1/2	93,995	1/2	109,049	1/2	124,097	1/2	139,145
3/4	4,983	3/4	19,142	3/4	34,196	3/4	49,248	3/4	64,201	3/4	79,254	3/4	94,308	3/4	109,362	3/4	124,410	3/4	139,458
5	5,254	5	19,455	5	34,509	5	49,560	5	64,514	5	79,568	5	94,622	5	109,676	5	124,724	5	139,772
1/4	5,529	1/4	19,769	1/4	34,823	1/4	49,873	1/4	64,827	1/4	79,881	1/4	94,936	1/4	109,989	1/4	125,037	1/4	140,085
1/2	5,804	1/2	20,082	1/2	35,137	1/2	50,185	1/2	65,141	1/2	80,195	1/2	95,249	1/2	110,303	1/2	125,351	1/2	140,399
3/4	6,079	3/4	20,396	3/4	35,450	3/4	50,497	3/4	65,454	3/4	80,508	3/4	95,563	3/4	110,616	3/4	125,664	3/4	140,712
6	6,354	6	20,710	6	35,764	6	50,809	6	65,768	6	80,822	6	95,877	6	110,930	6	125,978	6	141,026
1/4	6,633	1/4	21,023	1/4	36,077	1/4	51,121	1/4	66,081	1/4	81,136	1/4	96,190	1/4	111,243	1/4	126,291	1/4	141,339
1/2	6,912	1/2	21,337	1/2	36,391	1/2	51,433	1/2	66,395	1/2	81,449	1/2	96,504	1/2	111,557	1/2	126,605	1/2	141,653
3/4	7,191	3/4	21,651	3/4	36,705	3/4	51,745	3/4	66,708	3/4	81,763	3/4	96,818	3/4	111,870	3/4	126,918	3/4	141,966
7	7,470	7	21,964	7	37,018	7	52,057	7	67,022	7	82,077	7	97,131	7	112,184	7	127,232	7	142,280
1/4	7,753	1/4	22,278	1/4	37,332	1/4	52,369	1/4	67,336	1/4	82,390	1/4	97,445	1/4	112,497	1/4	127,545	1/4	142,593
1/2	8,035	1/2	22,591	1/2	37,646	1/2	52,680	1/2	67,649	1/2	82,704	1/2	97,758	1/2	112,811	1/2	127,859	1/2	142,907
3/4	8,318	3/4	22,905	3/4	37,959	3/4	52,991	3/4	67,963	3/4	83,018	3/4	98,072	3/4	113,124	3/4	128,172	3/4	143,220
8	8,601	8	23,219	8	38,273	8	53,303	8	68,277	8	83,331	8	98,386	8	113,438	8	128,486	8	143,534
1/4	8,888	1/4	23,532	1/4	38,586	1/4	53,614	1/4	68,590	1/4	83,645	1/4	98,699	1/4	113,751	1/4	128,799	1/4	143,847
1/2	9,174	1/2	23,846	1/2	38,900	1/2	53,926	1/2	68,904	1/2	83,958	1/2	99,013	1/2	114,065	1/2	129,113	1/2	144,161
3/4	9,461	3/4	24,160	3/4	39,214	3/4	54,237	3/4	69,218	3/4	84,272	3/4	99,327	3/4	114,378	3/4	129,426	3/4	144,474
9	9,747	9	24,473	9	39,527	9	54,548	9	69,531	9	84,586	9	99,640	9	114,692	9	129,740	9	144,788
1/4	10,038	1/4	24,787	1/4	39,841	1/4	54,859	1/4	69,845	1/4	84,899	1/4	99,954	1/4	115,005	1/4	130,053	1/4	145,101
1/2	10,328	1/2	25,101	1/2	40,155	1/2	55,171	1/2	70,158	1/2	85,213	1/2	100,267	1/2	115,319	1/2	130,367	1/2	145,415
3/4	10,619	3/4	25,414	3/4	40,468	3/4	55,482	3/4	70,472	3/4	85,527	3/4	100,581	3/4	115,632	3/4	130,680	3/4	145,728
10	10,909	10	25,728	10	40,782	10	55,793	10	70,786	10	85,840	10	100,895	10	115,946	10	130,994	10	146,042
1/4	11,204	1/4	26,041	1/4	41,095	1/4	56,104	1/4	71,099	1/4	86,154	1/4	101,208	1/4	116,259	1/4	131,307	1/4	146,355
1/2	11,498	1/2	26,355	1/2	41,409	1/2	56,416	1/2	71,413	1/2	86,468	1/2	101,522	1/2	116,573	1/2	131,621	1/2	146,669
3/4	11,792	3/4	26,669	3/4	41,723	3/4	56,727	3/4	71,727	3/4	86,781	3/4	101,836	3/4	116,886	3/4	131,934	3/4	146,982
11	12,086	11	26,982	11	42,036	11	57,038	11	72,040	11	87,095	11	102,149	11	117,200	11	132,248	11	147,296
1/4	12,385	1/4	27,296	1/4	42,350	1/4	57,349	1/4	72,354	1/4	87,408	1/4	102,463	1/4	117,513	1/4	132,561	1/4	147,609
1/2	12,683	1/2	27,610	1/2	42,664	1/2	57,661	1/2	72,668	1/2	87,722	1/2	102,777	1/2	117,827	1/2	132,875	1/2	147,923
3/4	12,981	3/4	27,923	3/4	42,977	3/4	57,972	3/4	72,981	3/4	88,036	3/4	103,090	3/4	118,140	3/4	133,188	3/4	148,236

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 OF THREADS ON "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 3003"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,550	0	163,598	0	178,637	0	193,641	0	208,572	0		0		0		0		0	
1/4	148,863	1/4	163,911	1/4	178,949	1/4	193,953	1/4	208,853	1/4		1/4		1/4		1/4		1/4	
1/2	149,177	1/2	164,225	1/2	179,262	1/2	194,266	1/2	209,134	1/2		1/2		1/2		1/2		1/2	
3/4	149,490	3/4	164,538	3/4	179,574	3/4	194,578	3/4	209,414	3/4		3/4		3/4		3/4		3/4	
1	149,804	1	164,852	1	179,887	1	194,891	1	209,695	1		1		1		1		1	
1/4	150,117	1/4	165,165	1/4	180,200	1/4	195,204	1/4	209,927	1/4		1/4		1/4		1/4		1/4	
1/2	150,431	1/2	165,479	1/2	180,512	1/2	195,516	1/2	210,159	1/2		1/2		1/2		1/2		1/2	
3/4	150,744	3/4	165,792	3/4	180,825	3/4	195,829	3/4	210,391	3/4		3/4		3/4		3/4		3/4	
2	151,058	2	166,106	2	181,137	2	196,141	2	210,624	2		2		2		2		2	
1/4	151,371	1/4	166,419	1/4	181,450	1/4	196,454	1/4	210,803	1/4		1/4		1/4		1/4		1/4	
1/2	151,685	1/2	166,733	1/2	181,762	1/2	196,767	1/2	210,983	1/2		1/2		1/2		1/2		1/2	
3/4	151,998	3/4	167,046	3/4	182,075	3/4	197,079	3/4	211,163	3/4		3/4		3/4		3/4		3/4	
3	152,312	3	167,360	3	182,388	3	197,392	3	211,343	3		3		3		3		3	
1/4	152,625	1/4	167,673	1/4	182,700	1/4	197,704	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,939	1/2	167,987	1/2	183,013	1/2	198,017	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,252	3/4	168,300	3/4	183,325	3/4	198,329	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,566	4	168,614	4	183,638	4	198,642	4		4		4		4		4		4	
1/4	153,879	1/4	168,927	1/4	183,951	1/4	198,955	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,193	1/2	169,241	1/2	184,263	1/2	199,267	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,506	3/4	169,554	3/4	184,576	3/4	199,580	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,820	5	169,868	5	184,888	5	199,892	5		5		5		5		5		5	
1/4	155,133	1/4	170,181	1/4	185,201	1/4	200,204	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,447	1/2	170,495	1/2	185,513	1/2	200,515	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,760	3/4	170,808	3/4	185,826	3/4	200,827	3/4		3/4		3/4		3/4		3/4		3/4	
6	156,074	6	171,122	6	186,139	6	201,138	6		6		6		6		6		6	
1/4	156,387	1/4	171,435	1/4	186,451	1/4	201,449	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,701	1/2	171,749	1/2	186,764	1/2	201,759	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,014	3/4	172,062	3/4	187,076	3/4	202,070	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,328	7	172,376	7	187,389	7	202,380	7		7		7		7		7		7	
1/4	157,641	1/4	172,689	1/4	187,702	1/4	202,691	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,955	1/2	173,003	1/2	188,014	1/2	203,001	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,268	3/4	173,316	3/4	188,327	3/4	203,312	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,582	8	173,630	8	188,639	8	203,622	8		8		8		8		8		8	
1/4	158,895	1/4	173,943	1/4	188,952	1/4	203,933	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,209	1/2	174,257	1/2	189,265	1/2	204,243	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,522	3/4	174,570	3/4	189,577	3/4	204,554	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,836	9	174,884	9	189,890	9	204,865	9		9		9		9		9		9	
1/4	160,149	1/4	175,197	1/4	190,202	1/4	205,175	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,463	1/2	175,510	1/2	190,515	1/2	205,486	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,776	3/4	175,823	3/4	190,827	3/4	205,796	3/4		3/4		3/4		3/4		3/4		3/4	
10	161,090	10	176,136	10	191,140	10	206,107	10		10		10		10		10		10	
1/4	161,403	1/4	176,449	1/4	191,453	1/4	206,417	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,717	1/2	176,761	1/2	191,765	1/2	206,727	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,030	3/4	177,074	3/4	192,078	3/4	207,037	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,344	11	177,386	11	192,390	11	207,347	11		11		11		11		11		11	
1/4	162,657	1/4	177,699	1/4	192,703	1/4	207,653	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,971	1/2	178,011	1/2	193,016	1/2	207,960	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,284	3/4	178,324	3/4	193,328	3/4	208,266	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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



BARGE "HSM 3003"

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	385	0	13,252	0	28,179	0	43,203	0	58,222	0	73,243	0	88,267	0	103,290	0	118,310	0	133,327
1/4	562	1/4	13,554	1/4	28,492	1/4	43,516	1/4	58,534	1/4	73,556	1/4	88,580	1/4	103,603	1/4	118,622	1/4	133,640
1/2	739	1/2	13,855	1/2	28,805	1/2	43,829	1/2	58,847	1/2	73,869	1/2	88,893	1/2	103,916	1/2	118,935	1/2	133,953
3/4	916	3/4	14,157	3/4	29,118	3/4	44,142	3/4	59,160	3/4	74,182	3/4	89,206	3/4	104,229	3/4	119,248	3/4	134,265
1	1,093	1	14,458	1	29,431	1	44,455	1	59,473	1	74,495	1	89,519	1	104,542	1	119,561	1	134,578
1/4	1,332	1/4	14,763	1/4	29,744	1/4	44,768	1/4	59,785	1/4	74,808	1/4	89,832	1/4	104,855	1/4	119,874	1/4	134,891
1/2	1,570	1/2	15,069	1/2	30,057	1/2	45,081	1/2	60,098	1/2	75,121	1/2	90,145	1/2	105,168	1/2	120,187	1/2	135,204
3/4	1,809	3/4	15,374	3/4	30,370	3/4	45,394	3/4	60,411	3/4	75,434	3/4	90,458	3/4	105,481	3/4	120,500	3/4	135,517
2	2,048	2	15,679	2	30,683	2	45,707	2	60,724	2	75,747	2	90,770	2	105,794	2	120,812	2	135,830
1/4	2,310	1/4	15,988	1/4	30,996	1/4	46,020	1/4	61,037	1/4	76,060	1/4	91,083	1/4	106,107	1/4	121,125	1/4	136,143
1/2	2,572	1/2	16,297	1/2	31,309	1/2	46,333	1/2	61,349	1/2	76,373	1/2	91,396	1/2	106,420	1/2	121,438	1/2	136,455
3/4	2,834	3/4	16,607	3/4	31,622	3/4	46,646	3/4	61,662	3/4	76,686	3/4	91,709	3/4	106,733	3/4	121,751	3/4	136,768
3	3,096	3	16,916	3	31,935	3	46,959	3	61,975	3	76,999	3	92,022	3	107,046	3	122,064	3	137,081
1/4	3,362	1/4	17,228	1/4	32,248	1/4	47,272	1/4	62,288	1/4	77,312	1/4	92,335	1/4	107,359	1/4	122,377	1/4	137,394
1/2	3,629	1/2	17,540	1/2	32,561	1/2	47,584	1/2	62,601	1/2	77,625	1/2	92,648	1/2	107,672	1/2	122,690	1/2	137,707
3/4	3,895	3/4	17,852	3/4	32,874	3/4	47,897	3/4	62,914	3/4	77,938	3/4	92,961	3/4	107,985	3/4	123,002	3/4	138,020
4	4,162	4	18,164	4	33,187	4	48,210	4	63,227	4	78,251	4	93,274	4	108,298	4	123,315	4	138,333
1/4	4,432	1/4	18,477	1/4	33,500	1/4	48,523	1/4	63,540	1/4	78,564	1/4	93,587	1/4	108,611	1/4	123,628	1/4	138,646
1/2	4,703	1/2	18,790	1/2	33,813	1/2	48,836	1/2	63,853	1/2	78,877	1/2	93,900	1/2	108,924	1/2	123,941	1/2	138,958
3/4	4,973	3/4	19,103	3/4	34,126	3/4	49,149	3/4	64,166	3/4	79,190	3/4	94,213	3/4	109,237	3/4	124,254	3/4	139,271
5	5,244	5	19,416	5	34,439	5	49,462	5	64,479	5	79,503	5	94,526	5	109,549	5	124,567	5	139,584
1/4	5,518	1/4	19,729	1/4	34,752	1/4	49,775	1/4	64,792	1/4	79,816	1/4	94,839	1/4	109,862	1/4	124,880	1/4	139,897
1/2	5,793	1/2	20,042	1/2	35,065	1/2	50,088	1/2	65,105	1/2	80,129	1/2	95,152	1/2	110,175	1/2	125,193	1/2	140,210
3/4	6,067	3/4	20,355	3/4	35,378	3/4	50,401	3/4	65,418	3/4	80,442	3/4	95,465	3/4	110,488	3/4	125,505	3/4	140,523
6	6,342	6	20,668	6	35,691	6	50,714	6	65,731	6	80,755	6	95,778	6	110,801	6	125,818	6	140,836
1/4	6,620	1/4	20,981	1/4	36,004	1/4	51,027	1/4	66,044	1/4	81,068	1/4	96,091	1/4	111,114	1/4	126,131	1/4	141,148
1/2	6,898	1/2	21,294	1/2	36,317	1/2	51,340	1/2	66,357	1/2	81,381	1/2	96,404	1/2	111,427	1/2	126,444	1/2	141,461
3/4	7,177	3/4	21,607	3/4	36,630	3/4	51,653	3/4	66,670	3/4	81,694	3/4	96,717	3/4	111,739	3/4	126,757	3/4	141,774
7	7,455	7	21,920	7	36,943	7	51,966	7	66,983	7	82,007	7	97,030	7	112,052	7	127,070	7	142,087
1/4	7,737	1/4	22,233	1/4	37,256	1/4	52,279	1/4	67,296	1/4	82,320	1/4	97,343	1/4	112,365	1/4	127,383	1/4	142,400
1/2	8,019	1/2	22,546	1/2	37,569	1/2	52,592	1/2	67,609	1/2	82,633	1/2	97,656	1/2	112,678	1/2	127,695	1/2	142,713
3/4	8,301	3/4	22,859	3/4	37,882	3/4	52,905	3/4	67,922	3/4	82,946	3/4	97,969	3/4	112,991	3/4	128,008	3/4	143,026
8	8,584	8	23,172	8	38,195	8	53,217	8	68,235	8	83,259	8	98,282	8	113,304	8	128,321	8	143,339
1/4	8,870	1/4	23,485	1/4	38,508	1/4	53,530	1/4	68,548	1/4	83,572	1/4	98,595	1/4	113,617	1/4	128,634	1/4	143,651
1/2	9,156	1/2	23,798	1/2	38,821	1/2	53,843	1/2	68,861	1/2	83,885	1/2	98,908	1/2	113,930	1/2	128,947	1/2	143,964
3/4	9,442	3/4	24,110	3/4	39,134	3/4	54,156	3/4	69,174	3/4	84,198	3/4	99,221	3/4	114,242	3/4	129,260	3/4	144,277
9	9,728	9	24,423	9	39,447	9	54,468	9	69,487	9	84,511	9	99,534	9	114,555	9	129,573	9	144,590
1/4	10,017	1/4	24,736	1/4	39,760	1/4	54,781	1/4	69,800	1/4	84,824	1/4	99,847	1/4	114,868	1/4	129,885	1/4	144,903
1/2	10,307	1/2	25,049	1/2	40,073	1/2	55,094	1/2	70,113	1/2	85,137	1/2	100,160	1/2	115,181	1/2	130,198	1/2	145,216
3/4	10,597	3/4	25,362	3/4	40,386	3/4	55,407	3/4	70,426	3/4	85,450	3/4	100,473	3/4	115,494	3/4	130,511	3/4	145,529
10	10,887	10	25,675	10	40,699	10	55,720	10	70,739	10	85,763	10	100,786	10	115,807	10	130,824	10	145,841
1/4	11,181	1/4	25,988	1/4	41,012	1/4	56,032	1/4	71,052	1/4	86,076	1/4	101,099	1/4	116,120	1/4	131,137	1/4	146,154
1/2	11,475	1/2	26,301	1/2	41,325	1/2	56,345	1/2	71,365	1/2	86,389	1/2	101,412	1/2	116,432	1/2	131,450	1/2	146,467
3/4	11,768	3/4	26,614	3/4	41,638	3/4	56,658	3/4	71,678	3/4	86,702	3/4	101,725	3/4	116,745	3/4	131,763	3/4	146,780
11	12,062	11	26,927	11	41,951	11	56,971	11	71,991	11	87,015	11	102,038	11	117,058	11	132,075	11	147,093
1/4	12,360	1/4	27,240	1/4	42,264	1/4	57,283	1/4	72,304	1/4	87,328	1/4	102,351	1/4	117,371	1/4	132,388	1/4	147,406
1/2	12,657	1/2	27,553	1/2	42,577	1/2	57,596	1/2	72,617	1/2	87,641	1/2	102,664	1/2	117,684	1/2	132,701	1/2	147,719
3/4	12,955	3/4	27,866	3/4	42,890	3/4	57,909	3/4	72,930	3/4	87,954	3/4	102,977	3/4	117,997	3/4	133,014	3/4	148,032

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 OF THREADS ON "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 3003"

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	148,344	0	163,362	0	178,370	0	193,344	0	208,246	0		0		0		0		0	
1/4	148,657	1/4	163,675	1/4	178,682	1/4	193,656	1/4	208,526	1/4		1/4		1/4		1/4		1/4	
1/2	148,970	1/2	163,988	1/2	178,994	1/2	193,968	1/2	208,806	1/2		1/2		1/2		1/2		1/2	
3/4	149,283	3/4	164,301	3/4	179,306	3/4	194,280	3/4	209,086	3/4		3/4		3/4		3/4		3/4	
1	149,596	1	164,613	1	179,618	1	194,592	1	209,366	1		1		1		1		1	
1/4	149,909	1/4	164,926	1/4	179,930	1/4	194,904	1/4	209,598	1/4		1/4		1/4		1/4		1/4	
1/2	150,222	1/2	165,239	1/2	180,242	1/2	195,216	1/2	209,829	1/2		1/2		1/2		1/2		1/2	
3/4	150,534	3/4	165,552	3/4	180,554	3/4	195,528	3/4	210,061	3/4		3/4		3/4		3/4		3/4	
2	150,847	2	165,865	2	180,866	2	195,840	2	210,293	2		2		2		2		2	
1/4	151,160	1/4	166,178	1/4	181,178	1/4	196,152	1/4	210,472	1/4		1/4		1/4		1/4		1/4	
1/2	151,473	1/2	166,491	1/2	181,490	1/2	196,464	1/2	210,652	1/2		1/2		1/2		1/2		1/2	
3/4	151,786	3/4	166,804	3/4	181,802	3/4	196,776	3/4	210,831	3/4		3/4		3/4		3/4		3/4	
3	152,099	3	167,116	3	182,114	3	197,088	3	211,011	3		3		3		3		3	
1/4	152,412	1/4	167,429	1/4	182,426	1/4	197,400	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,725	1/2	167,742	1/2	182,738	1/2	197,712	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,037	3/4	168,055	3/4	183,050	3/4	198,023	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,350	4	168,368	4	183,362	4	198,335	4		4		4		4		4		4	
1/4	153,663	1/4	168,681	1/4	183,674	1/4	198,647	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,976	1/2	168,994	1/2	183,986	1/2	198,959	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,289	3/4	169,306	3/4	184,298	3/4	199,271	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,602	5	169,619	5	184,609	5	199,583	5		5		5		5		5		5	
1/4	154,915	1/4	169,932	1/4	184,921	1/4	199,894	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,227	1/2	170,245	1/2	185,233	1/2	200,205	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,540	3/4	170,558	3/4	185,545	3/4	200,516	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,853	6	170,871	6	185,857	6	200,827	6		6		6		6		6		6	
1/4	156,166	1/4	171,184	1/4	186,169	1/4	201,137	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,479	1/2	171,496	1/2	186,481	1/2	201,446	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,792	3/4	171,809	3/4	186,793	3/4	201,756	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,105	7	172,122	7	187,105	7	202,066	7		7		7		7		7		7	
1/4	157,418	1/4	172,435	1/4	187,417	1/4	202,376	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,730	1/2	172,748	1/2	187,729	1/2	202,686	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,043	3/4	173,061	3/4	188,041	3/4	202,996	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,356	8	173,374	8	188,353	8	203,306	8		8		8		8		8		8	
1/4	158,669	1/4	173,687	1/4	188,665	1/4	203,616	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,982	1/2	173,999	1/2	188,977	1/2	203,925	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,295	3/4	174,312	3/4	189,289	3/4	204,235	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,608	9	174,625	9	189,601	9	204,545	9		9		9		9		9		9	
1/4	159,920	1/4	174,938	1/4	189,913	1/4	204,855	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,233	1/2	175,250	1/2	190,225	1/2	205,165	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,546	3/4	175,562	3/4	190,537	3/4	205,475	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,859	10	175,875	10	190,849	10	205,785	10		10		10		10		10		10	
1/4	161,172	1/4	176,187	1/4	191,161	1/4	206,094	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,485	1/2	176,499	1/2	191,472	1/2	206,404	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,798	3/4	176,811	3/4	191,784	3/4	206,713	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,111	11	177,123	11	192,096	11	207,023	11		11		11		11		11		11	
1/4	162,423	1/4	177,435	1/4	192,408	1/4	207,328	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,736	1/2	177,747	1/2	192,720	1/2	207,634	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,049	3/4	178,058	3/4	193,032	3/4	207,940	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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



BARGE "HSM 3003"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 04 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,033	0	15,719	0	30,803	0	45,516	0	60,023	0	74,898	0	89,986	0	105,073	0	120,155	0	135,235
1/4	1,269	1/4	16,033	1/4	31,118	1/4	45,818	1/4	60,326	1/4	75,213	1/4	90,300	1/4	105,387	1/4	120,469	1/4	135,549
1/2	1,504	1/2	16,347	1/2	31,432	1/2	46,119	1/2	60,628	1/2	75,527	1/2	90,614	1/2	105,702	1/2	120,783	1/2	135,863
3/4	1,740	3/4	16,662	3/4	31,746	3/4	46,421	3/4	60,931	3/4	75,841	3/4	90,929	3/4	106,016	3/4	121,097	3/4	136,177
1	1,976	1	16,976	1	32,061	1	46,723	1	61,233	1	76,156	1	91,243	1	106,330	1	121,412	1	136,491
1/4	2,270	1/4	17,290	1/4	32,375	1/4	47,024	1/4	61,536	1/4	76,470	1/4	91,557	1/4	106,645	1/4	121,726	1/4	136,806
1/2	2,564	1/2	17,605	1/2	32,689	1/2	47,326	1/2	61,838	1/2	76,784	1/2	91,872	1/2	106,959	1/2	122,040	1/2	137,120
3/4	2,857	3/4	17,919	3/4	33,003	3/4	47,627	3/4	62,141	3/4	77,098	3/4	92,186	3/4	107,273	3/4	122,354	3/4	137,434
2	3,151	2	18,233	2	33,318	2	47,929	2	62,443	2	77,413	2	92,500	2	107,588	2	122,668	2	137,748
1/4	3,465	1/4	18,548	1/4	33,632	1/4	48,231	1/4	62,746	1/4	77,727	1/4	92,814	1/4	107,902	1/4	122,982	1/4	138,062
1/2	3,778	1/2	18,862	1/2	33,946	1/2	48,532	1/2	63,048	1/2	78,041	1/2	93,129	1/2	108,216	1/2	123,297	1/2	138,376
3/4	4,091	3/4	19,176	3/4	34,261	3/4	48,834	3/4	63,351	3/4	78,356	3/4	93,443	3/4	108,531	3/4	123,611	3/4	138,691
3	4,405	3	19,490	3	34,575	3	49,136	3	63,653	3	78,670	3	93,757	3	108,845	3	123,925	3	139,005
1/4	4,719	1/4	19,805	1/4	34,889	1/4	49,438	1/4	63,956	1/4	78,984	1/4	94,072	1/4	109,159	1/4	124,239	1/4	139,319
1/2	5,033	1/2	20,119	1/2	35,204	1/2	49,740	1/2	64,259	1/2	79,299	1/2	94,386	1/2	109,473	1/2	124,553	1/2	139,633
3/4	5,347	3/4	20,433	3/4	35,518	3/4	50,041	3/4	64,561	3/4	79,613	3/4	94,700	3/4	109,788	3/4	124,867	3/4	139,947
4	5,661	4	20,748	4	35,832	4	50,343	4	64,864	4	79,927	4	95,015	4	110,102	4	125,182	4	140,261
1/4	5,975	1/4	21,062	1/4	36,141	1/4	50,645	1/4	65,172	1/4	80,242	1/4	95,329	1/4	110,416	1/4	125,496	1/4	140,576
1/2	6,289	1/2	21,376	1/2	36,449	1/2	50,948	1/2	65,480	1/2	80,556	1/2	95,643	1/2	110,730	1/2	125,810	1/2	140,890
3/4	6,604	3/4	21,691	3/4	36,758	3/4	51,250	3/4	65,789	3/4	80,870	3/4	95,958	3/4	111,044	3/4	126,124	3/4	141,204
5	6,918	5	22,005	5	37,066	5	51,552	5	66,097	5	81,185	5	96,272	5	111,358	5	126,438	5	141,518
1/4	7,232	1/4	22,319	1/4	37,368	1/4	51,854	1/4	66,412	1/4	81,499	1/4	96,586	1/4	111,673	1/4	126,752	1/4	141,832
1/2	7,547	1/2	22,634	1/2	37,671	1/2	52,157	1/2	66,726	1/2	81,813	1/2	96,901	1/2	111,987	1/2	127,067	1/2	142,146
3/4	7,861	3/4	22,948	3/4	37,974	3/4	52,460	3/4	67,040	3/4	82,128	3/4	97,215	3/4	112,301	3/4	127,381	3/4	142,461
6	8,175	6	23,262	6	38,276	6	52,762	6	67,355	6	82,442	6	97,529	6	112,615	6	127,695	6	142,775
1/4	8,490	1/4	23,576	1/4	38,578	1/4	53,065	1/4	67,669	1/4	82,756	1/4	97,844	1/4	112,929	1/4	128,009	1/4	143,089
1/2	8,804	1/2	23,891	1/2	38,880	1/2	53,367	1/2	67,983	1/2	83,071	1/2	98,158	1/2	113,243	1/2	128,323	1/2	143,403
3/4	9,118	3/4	24,205	3/4	39,182	3/4	53,670	3/4	68,298	3/4	83,385	3/4	98,472	3/4	113,558	3/4	128,637	3/4	143,717
7	9,432	7	24,519	7	39,484	7	53,972	7	68,612	7	83,699	7	98,787	7	113,872	7	128,952	7	144,031
1/4	9,747	1/4	24,834	1/4	39,786	1/4	54,275	1/4	68,926	1/4	84,014	1/4	99,101	1/4	114,186	1/4	129,266	1/4	144,345
1/2	10,061	1/2	25,148	1/2	40,088	1/2	54,577	1/2	69,240	1/2	84,328	1/2	99,415	1/2	114,500	1/2	129,580	1/2	144,660
3/4	10,375	3/4	25,462	3/4	40,389	3/4	54,880	3/4	69,555	3/4	84,642	3/4	99,730	3/4	114,814	3/4	129,894	3/4	144,974
8	10,690	8	25,777	8	40,691	8	55,182	8	69,869	8	84,956	8	100,044	8	115,128	8	130,208	8	145,288
1/4	11,004	1/4	26,091	1/4	40,992	1/4	55,485	1/4	70,183	1/4	85,271	1/4	100,358	1/4	115,443	1/4	130,522	1/4	145,602
1/2	11,318	1/2	26,405	1/2	41,294	1/2	55,787	1/2	70,498	1/2	85,585	1/2	100,672	1/2	115,757	1/2	130,837	1/2	145,916
3/4	11,633	3/4	26,719	3/4	41,596	3/4	56,090	3/4	70,812	3/4	85,899	3/4	100,987	3/4	116,071	3/4	131,151	3/4	146,230
9	11,947	9	27,034	9	41,897	9	56,393	9	71,126	9	86,214	9	101,301	9	116,385	9	131,465	9	146,545
1/4	12,261	1/4	27,348	1/4	42,199	1/4	56,695	1/4	71,441	1/4	86,528	1/4	101,615	1/4	116,699	1/4	131,779	1/4	146,859
1/2	12,576	1/2	27,662	1/2	42,500	1/2	56,998	1/2	71,755	1/2	86,842	1/2	101,930	1/2	117,013	1/2	132,093	1/2	147,173
3/4	12,890	3/4	27,976	3/4	42,802	3/4	57,300	3/4	72,069	3/4	87,157	3/4	102,244	3/4	117,328	3/4	132,407	3/4	147,487
10	13,204	10	28,290	10	43,103	10	57,603	10	72,384	10	87,471	10	102,558	10	117,642	10	132,721	10	147,801
1/4	13,519	1/4	28,604	1/4	43,405	1/4	57,905	1/4	72,698	1/4	87,785	1/4	102,873	1/4	117,956	1/4	133,036	1/4	148,115
1/2	13,833	1/2	28,918	1/2	43,707	1/2	58,208	1/2	73,012	1/2	88,100	1/2	103,187	1/2	118,270	1/2	133,350	1/2	148,430
3/4	14,147	3/4	29,232	3/4	44,008	3/4	58,510	3/4	73,327	3/4	88,414	3/4	103,501	3/4	118,584	3/4	133,664	3/4	148,744
11	14,461	11	29,546	11	44,310	11	58,813	11	73,641	11	88,728	11	103,816	11	118,898	11	133,978	11	149,058
1/4	14,776	1/4	29,861	1/4	44,611	1/4	59,115	1/4	73,955	1/4	89,043	1/4	104,130	1/4	119,213	1/4	134,292	1/4	149,372
1/2	15,090	1/2	30,175	1/2	44,913	1/2	59,418	1/2	74,270	1/2	89,357	1/2	104,444	1/2	119,527	1/2	134,606	1/2	149,686
3/4	15,404	3/4	30,489	3/4	45,215	3/4	59,720	3/4	74,584	3/4	89,671	3/4	104,759	3/4	119,841	3/4	134,921	3/4	150,000

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

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



BARGE "HSM 3003"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	150,315	0	165,394	0	180,464	0	195,492	0	210,424	0		0		0		0		0	
1/4	150,629	1/4	165,709	1/4	180,777	1/4	195,805	1/4	210,704	1/4		1/4		1/4		1/4		1/4	
1/2	150,943	1/2	166,023	1/2	181,090	1/2	196,118	1/2	210,984	1/2		1/2		1/2		1/2		1/2	
3/4	151,257	3/4	166,337	3/4	181,403	3/4	196,431	3/4	211,264	3/4		3/4		3/4		3/4		3/4	
1	151,571	1	166,651	1	181,716	1	196,744	1	211,544	1		1		1		1		1	
1/4	151,885	1/4	166,965	1/4	182,029	1/4	197,058	1/4	211,776	1/4		1/4		1/4		1/4		1/4	
1/2	152,200	1/2	167,279	1/2	182,342	1/2	197,371	1/2	212,008	1/2		1/2		1/2		1/2		1/2	
3/4	152,514	3/4	167,594	3/4	182,655	3/4	197,684	3/4	212,239	3/4		3/4		3/4		3/4		3/4	
2	152,828	2	167,908	2	182,968	2	197,997	2	212,471	2		2		2		2		2	
1/4	153,142	1/4	168,222	1/4	183,281	1/4	198,310	1/4	212,650	1/4		1/4		1/4		1/4		1/4	
1/2	153,456	1/2	168,536	1/2	183,594	1/2	198,623	1/2	212,829	1/2		1/2		1/2		1/2		1/2	
3/4	153,770	3/4	168,850	3/4	183,908	3/4	198,936	3/4	213,008	3/4		3/4		3/4		3/4		3/4	
3	154,085	3	169,164	3	184,221	3	199,249	3	213,187	3		3		3		3		3	
1/4	154,399	1/4	169,478	1/4	184,534	1/4	199,562	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,713	1/2	169,793	1/2	184,847	1/2	199,875	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,027	3/4	170,107	3/4	185,160	3/4	200,189	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,341	4	170,421	4	185,473	4	200,502	4		4		4		4		4		4	
1/4	155,655	1/4	170,735	1/4	185,786	1/4	200,815	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,970	1/2	171,049	1/2	186,099	1/2	201,128	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,284	3/4	171,363	3/4	186,412	3/4	201,441	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,598	5	171,678	5	186,725	5	201,754	5		5		5		5		5		5	
1/4	156,912	1/4	171,992	1/4	187,039	1/4	202,066	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,226	1/2	172,306	1/2	187,352	1/2	202,377	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,540	3/4	172,620	3/4	187,665	3/4	202,689	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,854	6	172,934	6	187,978	6	203,000	6		6		6		6		6		6	
1/4	158,169	1/4	173,248	1/4	188,291	1/4	203,310	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,483	1/2	173,563	1/2	188,604	1/2	203,620	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,797	3/4	173,877	3/4	188,917	3/4	203,930	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,111	7	174,191	7	189,230	7	204,240	7		7		7		7		7		7	
1/4	159,425	1/4	174,505	1/4	189,543	1/4	204,550	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,739	1/2	174,819	1/2	189,856	1/2	204,860	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,054	3/4	175,133	3/4	190,169	3/4	205,170	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,368	8	175,448	8	190,483	8	205,480	8		8		8		8		8		8	
1/4	160,682	1/4	175,762	1/4	190,796	1/4	205,791	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,996	1/2	176,076	1/2	191,109	1/2	206,101	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,310	3/4	176,390	3/4	191,422	3/4	206,411	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,624	9	176,704	9	191,735	9	206,721	9		9		9		9		9		9	
1/4	161,939	1/4	177,018	1/4	192,048	1/4	207,031	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,253	1/2	177,331	1/2	192,361	1/2	207,341	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,567	3/4	177,645	3/4	192,674	3/4	207,651	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,881	10	177,959	10	192,987	10	207,961	10		10		10		10		10		10	
1/4	163,195	1/4	178,272	1/4	193,300	1/4	208,271	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,509	1/2	178,585	1/2	193,614	1/2	208,581	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,824	3/4	178,898	3/4	193,927	3/4	208,890	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,138	11	179,211	11	194,240	11	209,200	11		11		11		11		11		11	
1/4	164,452	1/4	179,524	1/4	194,553	1/4	209,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,766	1/2	179,837	1/2	194,866	1/2	209,812	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,080	3/4	180,150	3/4	195,179	3/4	210,118	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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



BARGE "HSM 3003"

2 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	1,032	0	15,695	0	30,757	0	45,801	0	60,850	0	75,914	0	90,979	0	106,043	0	121,102	0	136,158
1/4	1,267	1/4	16,009	1/4	31,071	1/4	46,114	1/4	61,164	1/4	76,228	1/4	91,292	1/4	106,357	1/4	121,415	1/4	136,472
1/2	1,502	1/2	16,323	1/2	31,385	1/2	46,427	1/2	61,478	1/2	76,542	1/2	91,606	1/2	106,670	1/2	121,729	1/2	136,786
3/4	1,738	3/4	16,637	3/4	31,699	3/4	46,740	3/4	61,792	3/4	76,856	3/4	91,920	3/4	106,984	3/4	122,043	3/4	137,099
1	1,973	1	16,951	1	32,012	1	47,052	1	62,105	1	77,170	1	92,234	1	107,298	1	122,356	1	137,413
1/4	2,266	1/4	17,264	1/4	32,326	1/4	47,365	1/4	62,419	1/4	77,483	1/4	92,548	1/4	107,612	1/4	122,670	1/4	137,727
1/2	2,560	1/2	17,578	1/2	32,640	1/2	47,678	1/2	62,733	1/2	77,797	1/2	92,862	1/2	107,926	1/2	122,984	1/2	138,040
3/4	2,853	3/4	17,892	3/4	32,954	3/4	47,991	3/4	63,047	3/4	78,111	3/4	93,175	3/4	108,240	3/4	123,297	3/4	138,354
2	3,147	2	18,206	2	33,268	2	48,304	2	63,361	2	78,425	2	93,489	2	108,553	2	123,611	2	138,668
1/4	3,460	1/4	18,520	1/4	33,582	1/4	48,617	1/4	63,675	1/4	78,739	1/4	93,803	1/4	108,867	1/4	123,925	1/4	138,981
1/2	3,772	1/2	18,834	1/2	33,895	1/2	48,930	1/2	63,988	1/2	79,053	1/2	94,117	1/2	109,181	1/2	124,238	1/2	139,295
3/4	4,085	3/4	19,147	3/4	34,209	3/4	49,243	3/4	64,302	3/4	79,367	3/4	94,431	3/4	109,495	3/4	124,552	3/4	139,609
3	4,398	3	19,461	3	34,523	3	49,556	3	64,616	3	79,680	3	94,745	3	109,809	3	124,866	3	139,922
1/4	4,712	1/4	19,775	1/4	34,837	1/4	49,869	1/4	64,930	1/4	79,994	1/4	95,058	1/4	110,123	1/4	125,179	1/4	140,236
1/2	5,025	1/2	20,089	1/2	35,151	1/2	50,182	1/2	65,244	1/2	80,308	1/2	95,372	1/2	110,436	1/2	125,493	1/2	140,550
3/4	5,339	3/4	20,403	3/4	35,465	3/4	50,496	3/4	65,558	3/4	80,622	3/4	95,686	3/4	110,750	3/4	125,807	3/4	140,863
4	5,653	4	20,717	4	35,778	4	50,809	4	65,871	4	80,936	4	96,000	4	111,064	4	126,120	4	141,177
1/4	5,966	1/4	21,030	1/4	36,092	1/4	51,122	1/4	66,185	1/4	81,250	1/4	96,314	1/4	111,378	1/4	126,434	1/4	141,491
1/2	6,280	1/2	21,344	1/2	36,406	1/2	51,436	1/2	66,499	1/2	81,563	1/2	96,628	1/2	111,691	1/2	126,748	1/2	141,805
3/4	6,594	3/4	21,658	3/4	36,720	3/4	51,749	3/4	66,813	3/4	81,877	3/4	96,941	3/4	112,005	3/4	127,062	3/4	142,118
5	6,908	5	21,972	5	37,034	5	52,063	5	67,127	5	82,191	5	97,255	5	112,319	5	127,375	5	142,432
1/4	7,222	1/4	22,286	1/4	37,348	1/4	52,376	1/4	67,441	1/4	82,505	1/4	97,569	1/4	112,632	1/4	127,689	1/4	142,746
1/2	7,535	1/2	22,600	1/2	37,661	1/2	52,690	1/2	67,755	1/2	82,819	1/2	97,883	1/2	112,946	1/2	128,003	1/2	143,059
3/4	7,849	3/4	22,913	3/4	37,975	3/4	53,004	3/4	68,068	3/4	83,133	3/4	98,197	3/4	113,260	3/4	128,316	3/4	143,373
6	8,163	6	23,227	6	38,289	6	53,318	6	68,382	6	83,446	6	98,511	6	113,573	6	128,630	6	143,687
1/4	8,477	1/4	23,541	1/4	38,603	1/4	53,632	1/4	68,696	1/4	83,760	1/4	98,824	1/4	113,887	1/4	128,944	1/4	144,000
1/2	8,791	1/2	23,855	1/2	38,916	1/2	53,946	1/2	69,010	1/2	84,074	1/2	99,138	1/2	114,201	1/2	129,257	1/2	144,314
3/4	9,105	3/4	24,169	3/4	39,229	3/4	54,259	3/4	69,324	3/4	84,388	3/4	99,452	3/4	114,514	3/4	129,571	3/4	144,628
7	9,418	7	24,483	7	39,543	7	54,573	7	69,638	7	84,702	7	99,766	7	114,828	7	129,885	7	144,941
1/4	9,732	1/4	24,796	1/4	39,856	1/4	54,887	1/4	69,951	1/4	85,016	1/4	100,080	1/4	115,142	1/4	130,198	1/4	145,255
1/2	10,046	1/2	25,110	1/2	40,168	1/2	55,201	1/2	70,265	1/2	85,329	1/2	100,394	1/2	115,455	1/2	130,512	1/2	145,569
3/4	10,360	3/4	25,424	3/4	40,481	3/4	55,515	3/4	70,579	3/4	85,643	3/4	100,708	3/4	115,769	3/4	130,826	3/4	145,882
8	10,674	8	25,738	8	40,794	8	55,829	8	70,893	8	85,957	8	101,021	8	116,083	8	131,139	8	146,196
1/4	10,988	1/4	26,052	1/4	41,107	1/4	56,143	1/4	71,207	1/4	86,271	1/4	101,335	1/4	116,396	1/4	131,453	1/4	146,510
1/2	11,301	1/2	26,365	1/2	41,420	1/2	56,456	1/2	71,521	1/2	86,585	1/2	101,649	1/2	116,710	1/2	131,767	1/2	146,823
3/4	11,615	3/4	26,679	3/4	41,733	3/4	56,770	3/4	71,834	3/4	86,899	3/4	101,963	3/4	117,024	3/4	132,080	3/4	147,137
9	11,929	9	26,993	9	42,046	9	57,084	9	72,148	9	87,212	9	102,277	9	117,337	9	132,394	9	147,451
1/4	12,243	1/4	27,307	1/4	42,359	1/4	57,398	1/4	72,462	1/4	87,526	1/4	102,591	1/4	117,651	1/4	132,708	1/4	147,764
1/2	12,557	1/2	27,620	1/2	42,672	1/2	57,712	1/2	72,776	1/2	87,840	1/2	102,904	1/2	117,965	1/2	133,021	1/2	148,078
3/4	12,871	3/4	27,934	3/4	42,985	3/4	58,026	3/4	73,090	3/4	88,154	3/4	103,218	3/4	118,278	3/4	133,335	3/4	148,392
10	13,184	10	28,248	10	43,298	10	58,339	10	73,404	10	88,468	10	103,532	10	118,592	10	133,649	10	148,705
1/4	13,498	1/4	28,561	1/4	43,610	1/4	58,653	1/4	73,717	1/4	88,782	1/4	103,846	1/4	118,906	1/4	133,963	1/4	149,019
1/2	13,812	1/2	28,875	1/2	43,923	1/2	58,967	1/2	74,031	1/2	89,095	1/2	104,160	1/2	119,220	1/2	134,276	1/2	149,333
3/4	14,126	3/4	29,188	3/4	44,236	3/4	59,281	3/4	74,345	3/4	89,409	3/4	104,474	3/4	119,533	3/4	134,590	3/4	149,647
11	14,440	11	29,502	11	44,549	11	59,595	11	74,659	11	89,723	11	104,787	11	119,847	11	134,904	11	149,960
1/4	14,754	1/4	29,816	1/4	44,862	1/4	59,909	1/4	74,973	1/4	90,037	1/4	105,101	1/4	120,161	1/4	135,217	1/4	150,274
1/2	15,068	1/2	30,130	1/2	45,175	1/2	60,222	1/2	75,287	1/2	90,351	1/2	105,415	1/2	120,474	1/2	135,531	1/2	150,588
3/4	15,381	3/4	30,443	3/4	45,488	3/4	60,536	3/4	75,600	3/4	90,665	3/4	105,729	3/4	120,788	3/4	135,845	3/4	150,901

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

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



BARGE "HSM 3003"

2 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	151,215	0	166,272	0	181,318	0	196,323	0	211,232	0		0		0		0		0	
1/4	151,529	1/4	166,585	1/4	181,630	1/4	196,636	1/4	211,512	1/4		1/4		1/4		1/4		1/4	
1/2	151,842	1/2	166,899	1/2	181,943	1/2	196,948	1/2	211,791	1/2		1/2		1/2		1/2		1/2	
3/4	152,156	3/4	167,213	3/4	182,255	3/4	197,261	3/4	212,071	3/4		3/4		3/4		3/4		3/4	
1	152,470	1	167,526	1	182,568	1	197,574	1	212,351	1		1		1		1		1	
1/4	152,783	1/4	167,840	1/4	182,881	1/4	197,886	1/4	212,582	1/4		1/4		1/4		1/4		1/4	
1/2	153,097	1/2	168,154	1/2	183,193	1/2	198,199	1/2	212,813	1/2		1/2		1/2		1/2		1/2	
3/4	153,411	3/4	168,467	3/4	183,506	3/4	198,511	3/4	213,045	3/4		3/4		3/4		3/4		3/4	
2	153,724	2	168,781	2	183,819	2	198,824	2	213,276	2		2		2		2		2	
1/4	154,038	1/4	169,095	1/4	184,131	1/4	199,137	1/4	213,455	1/4		1/4		1/4		1/4		1/4	
1/2	154,352	1/2	169,408	1/2	184,444	1/2	199,449	1/2	213,634	1/2		1/2		1/2		1/2		1/2	
3/4	154,665	3/4	169,722	3/4	184,756	3/4	199,762	3/4	213,813	3/4		3/4		3/4		3/4		3/4	
3	154,979	3	170,036	3	185,069	3	200,075	3	213,991	3		3		3		3		3	
1/4	155,293	1/4	170,349	1/4	185,382	1/4	200,387	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,606	1/2	170,663	1/2	185,694	1/2	200,700	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,920	3/4	170,977	3/4	186,007	3/4	201,012	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,234	4	171,290	4	186,319	4	201,325	4		4		4		4		4		4	
1/4	156,548	1/4	171,604	1/4	186,632	1/4	201,638	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,861	1/2	171,918	1/2	186,945	1/2	201,950	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,175	3/4	172,232	3/4	187,257	3/4	202,263	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,489	5	172,545	5	187,570	5	202,576	5		5		5		5		5		5	
1/4	157,802	1/4	172,859	1/4	187,883	1/4	202,887	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,116	1/2	173,173	1/2	188,195	1/2	203,198	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,430	3/4	173,486	3/4	188,508	3/4	203,509	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,743	6	173,800	6	188,820	6	203,820	6		6		6		6		6		6	
1/4	159,057	1/4	174,114	1/4	189,133	1/4	204,129	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,371	1/2	174,427	1/2	189,446	1/2	204,439	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,684	3/4	174,741	3/4	189,758	3/4	204,748	3/4		3/4		3/4		3/4		3/4		3/4	
7	159,998	7	175,055	7	190,071	7	205,058	7		7		7		7		7		7	
1/4	160,312	1/4	175,368	1/4	190,383	1/4	205,367	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,625	1/2	175,682	1/2	190,696	1/2	205,677	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,939	3/4	175,996	3/4	191,009	3/4	205,987	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,253	8	176,309	8	191,321	8	206,296	8		8		8		8		8		8	
1/4	161,566	1/4	176,623	1/4	191,634	1/4	206,606	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,880	1/2	176,937	1/2	191,947	1/2	206,916	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,194	3/4	177,250	3/4	192,259	3/4	207,225	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,507	9	177,564	9	192,572	9	207,535	9		9		9		9		9		9	
1/4	162,821	1/4	177,877	1/4	192,884	1/4	207,845	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,135	1/2	178,190	1/2	193,197	1/2	208,154	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,448	3/4	178,504	3/4	193,510	3/4	208,464	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,762	10	178,817	10	193,822	10	208,773	10		10		10		10		10		10	
1/4	164,076	1/4	179,129	1/4	194,135	1/4	209,083	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,390	1/2	179,442	1/2	194,447	1/2	209,392	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,703	3/4	179,755	3/4	194,760	3/4	209,701	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,017	11	180,067	11	195,073	11	210,010	11		11		11		11		11		11	
1/4	165,331	1/4	180,380	1/4	195,385	1/4	210,316	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,644	1/2	180,692	1/2	195,698	1/2	210,621	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,958	3/4	181,005	3/4	196,011	3/4	210,926	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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



BARGE "HSM 3003"

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	1,029	0	15,646	0	30,647	0	45,420	0	59,989	0	74,911	0	89,890	0	104,880	0	119,861	0	134,838
1/4	1,264	1/4	15,959	1/4	30,960	1/4	45,722	1/4	60,301	1/4	75,222	1/4	90,202	1/4	105,193	1/4	120,173	1/4	135,150
1/2	1,498	1/2	16,271	1/2	31,273	1/2	46,024	1/2	60,613	1/2	75,532	1/2	90,514	1/2	105,505	1/2	120,485	1/2	135,462
3/4	1,733	3/4	16,584	3/4	31,585	3/4	46,325	3/4	60,925	3/4	75,843	3/4	90,826	3/4	105,818	3/4	120,797	3/4	135,774
1	1,968	1	16,896	1	31,898	1	46,627	1	61,238	1	76,153	1	91,138	1	106,130	1	121,109	1	136,086
1/4	2,261	1/4	17,209	1/4	32,210	1/4	46,930	1/4	61,550	1/4	76,464	1/4	91,451	1/4	106,442	1/4	121,421	1/4	136,398
1/2	2,553	1/2	17,522	1/2	32,523	1/2	47,232	1/2	61,862	1/2	76,774	1/2	91,763	1/2	106,755	1/2	121,733	1/2	136,710
3/4	2,846	3/4	17,834	3/4	32,835	3/4	47,534	3/4	62,174	3/4	77,085	3/4	92,075	3/4	107,067	3/4	122,045	3/4	137,022
2	3,139	2	18,147	2	33,148	2	47,837	2	62,486	2	77,395	2	92,387	2	107,379	2	122,357	2	137,334
1/4	3,451	1/4	18,459	1/4	33,460	1/4	48,139	1/4	62,798	1/4	77,707	1/4	92,699	1/4	107,691	1/4	122,669	1/4	137,646
1/2	3,763	1/2	18,772	1/2	33,773	1/2	48,442	1/2	63,109	1/2	78,018	1/2	93,012	1/2	108,003	1/2	122,981	1/2	137,958
3/4	4,075	3/4	19,084	3/4	34,086	3/4	48,745	3/4	63,420	3/4	78,330	3/4	93,324	3/4	108,316	3/4	123,293	3/4	138,270
3	4,387	3	19,397	3	34,398	3	49,047	3	63,732	3	78,642	3	93,636	3	108,628	3	123,605	3	138,582
1/4	4,700	1/4	19,710	1/4	34,710	1/4	49,350	1/4	64,042	1/4	78,954	1/4	93,948	1/4	108,940	1/4	123,917	1/4	138,894
1/2	5,013	1/2	20,022	1/2	35,022	1/2	49,653	1/2	64,353	1/2	79,267	1/2	94,260	1/2	109,252	1/2	124,229	1/2	139,206
3/4	5,325	3/4	20,335	3/4	35,334	3/4	49,955	3/4	64,663	3/4	79,579	3/4	94,573	3/4	109,564	3/4	124,541	3/4	139,518
4	5,638	4	20,647	4	35,646	4	50,258	4	64,974	4	79,892	4	94,885	4	109,876	4	124,853	4	139,830
1/4	5,951	1/4	20,960	1/4	35,955	1/4	50,561	1/4	65,285	1/4	80,204	1/4	95,197	1/4	110,188	1/4	125,165	1/4	140,142
1/2	6,263	1/2	21,272	1/2	36,263	1/2	50,863	1/2	65,595	1/2	80,517	1/2	95,509	1/2	110,500	1/2	125,477	1/2	140,454
3/4	6,576	3/4	21,585	3/4	36,571	3/4	51,166	3/4	65,906	3/4	80,829	3/4	95,821	3/4	110,812	3/4	125,789	3/4	140,766
5	6,889	5	21,898	5	36,880	5	51,469	5	66,216	5	81,142	5	96,133	5	111,124	5	126,101	5	141,078
1/4	7,202	1/4	22,210	1/4	37,185	1/4	51,772	1/4	66,527	1/4	81,454	1/4	96,446	1/4	111,436	1/4	126,413	1/4	141,390
1/2	7,515	1/2	22,523	1/2	37,490	1/2	52,074	1/2	66,837	1/2	81,767	1/2	96,758	1/2	111,748	1/2	126,725	1/2	141,701
3/4	7,827	3/4	22,835	3/4	37,796	3/4	52,377	3/4	67,148	3/4	82,079	3/4	97,070	3/4	112,060	3/4	127,037	3/4	142,013
6	8,140	6	23,148	6	38,101	6	52,680	6	67,458	6	82,392	6	97,382	6	112,372	6	127,349	6	142,325
1/4	8,453	1/4	23,460	1/4	38,406	1/4	52,982	1/4	67,769	1/4	82,704	1/4	97,695	1/4	112,684	1/4	127,661	1/4	142,632
1/2	8,766	1/2	23,773	1/2	38,711	1/2	53,285	1/2	68,079	1/2	83,017	1/2	98,007	1/2	112,996	1/2	127,973	1/2	142,939
3/4	9,079	3/4	24,085	3/4	39,016	3/4	53,588	3/4	68,390	3/4	83,329	3/4	98,319	3/4	113,308	3/4	128,285	3/4	143,247
7	9,392	7	24,398	7	39,322	7	53,890	7	68,700	7	83,642	7	98,631	7	113,620	7	128,597	7	143,554
1/4	9,705	1/4	24,711	1/4	39,627	1/4	54,193	1/4	69,011	1/4	83,954	1/4	98,944	1/4	113,932	1/4	128,909	1/4	143,849
1/2	10,018	1/2	25,023	1/2	39,932	1/2	54,496	1/2	69,321	1/2	84,267	1/2	99,256	1/2	114,244	1/2	129,221	1/2	144,144
3/4	10,331	3/4	25,336	3/4	40,237	3/4	54,799	3/4	69,632	3/4	84,579	3/4	99,569	3/4	114,556	3/4	129,533	3/4	144,439
8	10,644	8	25,648	8	40,543	8	55,101	8	69,943	8	84,892	8	99,881	8	114,868	8	129,845	8	144,734
1/4	10,957	1/4	25,961	1/4	40,848	1/4	55,404	1/4	70,253	1/4	85,204	1/4	100,194	1/4	115,180	1/4	130,157	1/4	145,013
1/2	11,270	1/2	26,273	1/2	41,153	1/2	55,707	1/2	70,564	1/2	85,517	1/2	100,506	1/2	115,492	1/2	130,470	1/2	145,291
3/4	11,583	3/4	26,586	3/4	41,458	3/4	56,009	3/4	70,874	3/4	85,829	3/4	100,819	3/4	115,804	3/4	130,782	3/4	145,570
9	11,895	9	26,898	9	41,764	9	56,312	9	71,185	9	86,142	9	101,131	9	116,116	9	131,094	9	145,849
1/4	12,208	1/4	27,211	1/4	42,069	1/4	56,616	1/4	71,495	1/4	86,454	1/4	101,443	1/4	116,428	1/4	131,406	1/4	146,112
1/2	12,521	1/2	27,523	1/2	42,374	1/2	56,921	1/2	71,806	1/2	86,767	1/2	101,756	1/2	116,741	1/2	131,718	1/2	146,375
3/4	12,833	3/4	27,835	3/4	42,679	3/4	57,225	3/4	72,116	3/4	87,079	3/4	102,068	3/4	117,053	3/4	132,030	3/4	146,638
10	13,146	10	28,148	10	42,985	10	57,529	10	72,427	10	87,392	10	102,381	10	117,365	10	132,342	10	146,901
1/4	13,458	1/4	28,460	1/4	43,290	1/4	57,835	1/4	72,737	1/4	87,704	1/4	102,693	1/4	117,677	1/4	132,654	1/4	147,149
1/2	13,771	1/2	28,773	1/2	43,595	1/2	58,141	1/2	73,048	1/2	88,016	1/2	103,006	1/2	117,989	1/2	132,966	1/2	147,396
3/4	14,083	3/4	29,085	3/4	43,900	3/4	58,447	3/4	73,358	3/4	88,329	3/4	103,318	3/4	118,301	3/4	133,278	3/4	147,644
11	14,396	11	29,397	11	44,205	11	58,753	11	73,669	11	88,641	11	103,630	11	118,613	11	133,590	11	147,891
1/4	14,708	1/4	29,710	1/4	44,509	1/4	59,062	1/4	73,980	1/4	88,953	1/4	103,943	1/4	118,925	1/4	133,902	1/4	148,122
1/2	15,021	1/2	30,022	1/2	44,813	1/2	59,371	1/2	74,290	1/2	89,265	1/2	104,255	1/2	119,237	1/2	134,214	1/2	148,354
3/4	15,334	3/4	30,335	3/4	45,116	3/4	59,680	3/4	74,601	3/4	89,578	3/4	104,568	3/4	119,549	3/4	134,526	3/4	148,585

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 OF THREADS ON "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 3003"

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	148,816	0	159,207	0	169,576	0	179,916	0	190,241	0		0		0		0		0	
1/4	149,036	1/4	159,423	1/4	169,791	1/4	180,131	1/4	190,434	1/4		1/4		1/4		1/4		1/4	
1/2	149,256	1/2	159,639	1/2	170,006	1/2	180,346	1/2	190,627	1/2		1/2		1/2		1/2		1/2	
3/4	149,475	3/4	159,855	3/4	170,222	3/4	180,562	3/4	190,821	3/4		3/4		3/4		3/4		3/4	
1	149,695	1	160,071	1	170,437	1	180,777	1	191,014	1		1		1		1		1	
1/4	149,911	1/4	160,288	1/4	170,653	1/4	180,993	1/4	191,174	1/4		1/4		1/4		1/4		1/4	
1/2	150,127	1/2	160,504	1/2	170,868	1/2	181,208	1/2	191,333	1/2		1/2		1/2		1/2		1/2	
3/4	150,344	3/4	160,720	3/4	171,083	3/4	181,423	3/4	191,493	3/4		3/4		3/4		3/4		3/4	
2	150,560	2	160,936	2	171,299	2	181,639	2	191,653	2		2		2		2		2	
1/4	150,776	1/4	161,152	1/4	171,514	1/4	181,854	1/4	191,777	1/4		1/4		1/4		1/4		1/4	
1/2	150,992	1/2	161,369	1/2	171,730	1/2	182,070	1/2	191,900	1/2		1/2		1/2		1/2		1/2	
3/4	151,208	3/4	161,585	3/4	171,945	3/4	182,285	3/4	192,024	3/4		3/4		3/4		3/4		3/4	
3	151,424	3	161,801	3	172,161	3	182,500	3	192,148	3		3		3		3		3	
1/4	151,641	1/4	162,017	1/4	172,376	1/4	182,716	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,857	1/2	162,233	1/2	172,591	1/2	182,931	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,073	3/4	162,449	3/4	172,807	3/4	183,147	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,289	4	162,666	4	173,022	4	183,362	4		4		4		4		4		4	
1/4	152,505	1/4	162,882	1/4	173,238	1/4	183,578	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,721	1/2	163,098	1/2	173,453	1/2	183,793	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,938	3/4	163,314	3/4	173,668	3/4	184,008	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,154	5	163,530	5	173,884	5	184,224	5		5		5		5		5		5	
1/4	153,370	1/4	163,746	1/4	174,099	1/4	184,439	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,586	1/2	163,963	1/2	174,315	1/2	184,655	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,802	3/4	164,179	3/4	174,530	3/4	184,870	3/4		3/4		3/4		3/4		3/4		3/4	
6	154,019	6	164,395	6	174,746	6	185,085	6		6		6		6		6		6	
1/4	154,235	1/4	164,611	1/4	174,961	1/4	185,301	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,451	1/2	164,827	1/2	175,176	1/2	185,516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,667	3/4	165,043	3/4	175,392	3/4	185,732	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,883	7	165,260	7	175,607	7	185,947	7		7		7		7		7		7	
1/4	155,099	1/4	165,476	1/4	175,823	1/4	186,163	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,316	1/2	165,692	1/2	176,038	1/2	186,378	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,532	3/4	165,908	3/4	176,253	3/4	186,594	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,748	8	166,124	8	176,469	8	186,809	8		8		8		8		8		8	
1/4	155,964	1/4	166,341	1/4	176,684	1/4	187,025	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,180	1/2	166,557	1/2	176,900	1/2	187,240	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,396	3/4	166,773	3/4	177,115	3/4	187,456	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,613	9	166,989	9	177,331	9	187,671	9		9		9		9		9		9	
1/4	156,829	1/4	167,205	1/4	177,546	1/4	187,887	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,045	1/2	167,421	1/2	177,761	1/2	188,102	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,261	3/4	167,636	3/4	177,977	3/4	188,318	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,477	10	167,852	10	178,192	10	188,533	10		10		10		10		10		10	
1/4	157,694	1/4	168,068	1/4	178,408	1/4	188,748	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,910	1/2	168,283	1/2	178,623	1/2	188,963	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,126	3/4	168,499	3/4	178,838	3/4	189,179	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,342	11	168,714	11	179,054	11	189,394	11		11		11		11		11		11	
1/4	158,558	1/4	168,929	1/4	179,269	1/4	189,606	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,774	1/2	169,145	1/2	179,485	1/2	189,817	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,991	3/4	169,360	3/4	179,700	3/4	190,029	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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



BARGE "HSM 3003"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,027	0	15,632	0	30,635	0	45,623	0	60,625	0	75,629	0	90,633	0	105,637	0	120,624	0	135,608
1/4	1,262	1/4	15,945	1/4	30,948	1/4	45,935	1/4	60,938	1/4	75,942	1/4	90,946	1/4	105,950	1/4	120,937	1/4	135,920
1/2	1,496	1/2	16,257	1/2	31,261	1/2	46,247	1/2	61,250	1/2	76,254	1/2	91,258	1/2	106,262	1/2	121,249	1/2	136,233
3/4	1,731	3/4	16,570	3/4	31,573	3/4	46,560	3/4	61,563	3/4	76,567	3/4	91,571	3/4	106,575	3/4	121,561	3/4	136,545
1	1,965	1	16,882	1	31,886	1	46,872	1	61,876	1	76,879	1	91,883	1	106,887	1	121,873	1	136,857
1/4	2,257	1/4	17,195	1/4	32,198	1/4	47,185	1/4	62,188	1/4	77,192	1/4	92,196	1/4	107,200	1/4	122,185	1/4	137,169
1/2	2,550	1/2	17,507	1/2	32,511	1/2	47,497	1/2	62,501	1/2	77,505	1/2	92,509	1/2	107,512	1/2	122,497	1/2	137,481
3/4	2,842	3/4	17,820	3/4	32,823	3/4	47,809	3/4	62,813	3/4	77,817	3/4	92,821	3/4	107,825	3/4	122,810	3/4	137,793
2	3,134	2	18,133	2	33,136	2	48,122	2	63,126	2	78,130	2	93,134	2	108,137	2	123,122	2	138,106
1/4	3,446	1/4	18,445	1/4	33,449	1/4	48,434	1/4	63,438	1/4	78,442	1/4	93,446	1/4	108,449	1/4	123,434	1/4	138,418
1/2	3,757	1/2	18,758	1/2	33,761	1/2	48,747	1/2	63,751	1/2	78,755	1/2	93,759	1/2	108,762	1/2	123,746	1/2	138,730
3/4	4,069	3/4	19,070	3/4	34,074	3/4	49,060	3/4	64,064	3/4	79,068	3/4	94,071	3/4	109,074	3/4	124,058	3/4	139,042
3	4,380	3	19,383	3	34,386	3	49,372	3	64,376	3	79,380	3	94,384	3	109,386	3	124,370	3	139,354
1/4	4,693	1/4	19,695	1/4	34,699	1/4	49,685	1/4	64,689	1/4	79,693	1/4	94,697	1/4	109,698	1/4	124,683	1/4	139,666
1/2	5,005	1/2	20,008	1/2	35,011	1/2	49,997	1/2	65,001	1/2	80,005	1/2	95,009	1/2	110,011	1/2	124,995	1/2	139,979
3/4	5,317	3/4	20,321	3/4	35,323	3/4	50,310	3/4	65,314	3/4	80,318	3/4	95,322	3/4	110,323	3/4	125,307	3/4	140,291
4	5,630	4	20,633	4	35,636	4	50,623	4	65,627	4	80,630	4	95,634	4	110,635	4	125,619	4	140,603
1/4	5,942	1/4	20,946	1/4	35,948	1/4	50,935	1/4	65,939	1/4	80,943	1/4	95,947	1/4	110,947	1/4	125,931	1/4	140,915
1/2	6,255	1/2	21,258	1/2	36,260	1/2	51,248	1/2	66,252	1/2	81,256	1/2	96,260	1/2	111,259	1/2	126,243	1/2	141,227
3/4	6,567	3/4	21,571	3/4	36,572	3/4	51,560	3/4	66,564	3/4	81,568	3/4	96,572	3/4	111,572	3/4	126,556	3/4	141,539
5	6,880	5	21,883	5	36,884	5	51,873	5	66,877	5	81,881	5	96,885	5	111,884	5	126,868	5	141,851
1/4	7,192	1/4	22,196	1/4	37,196	1/4	52,185	1/4	67,189	1/4	82,193	1/4	97,197	1/4	112,196	1/4	127,180	1/4	142,163
1/2	7,505	1/2	22,509	1/2	37,508	1/2	52,498	1/2	67,502	1/2	82,506	1/2	97,510	1/2	112,508	1/2	127,492	1/2	142,475
3/4	7,818	3/4	22,821	3/4	37,820	3/4	52,811	3/4	67,815	3/4	82,819	3/4	97,822	3/4	112,820	3/4	127,804	3/4	142,787
6	8,130	6	23,134	6	38,132	6	53,123	6	68,127	6	83,131	6	98,135	6	113,132	6	128,116	6	143,099
1/4	8,443	1/4	23,446	1/4	38,444	1/4	53,436	1/4	68,440	1/4	83,444	1/4	98,448	1/4	113,445	1/4	128,429	1/4	143,406
1/2	8,755	1/2	23,759	1/2	38,756	1/2	53,748	1/2	68,752	1/2	83,756	1/2	98,760	1/2	113,757	1/2	128,741	1/2	143,714
3/4	9,068	3/4	24,071	3/4	39,069	3/4	54,061	3/4	69,065	3/4	84,069	3/4	99,073	3/4	114,069	3/4	129,053	3/4	144,021
7	9,380	7	24,384	7	39,381	7	54,374	7	69,378	7	84,381	7	99,385	7	114,381	7	129,365	7	144,329
1/4	9,693	1/4	24,697	1/4	39,693	1/4	54,686	1/4	69,690	1/4	84,694	1/4	99,698	1/4	114,693	1/4	129,677	1/4	144,624
1/2	10,006	1/2	25,009	1/2	40,005	1/2	54,999	1/2	70,003	1/2	85,007	1/2	100,011	1/2	115,005	1/2	129,989	1/2	144,919
3/4	10,318	3/4	25,322	3/4	40,317	3/4	55,311	3/4	70,315	3/4	85,319	3/4	100,323	3/4	115,318	3/4	130,301	3/4	145,214
8	10,631	8	25,634	8	40,629	8	55,624	8	70,628	8	85,632	8	100,636	8	115,630	8	130,614	8	145,509
1/4	10,943	1/4	25,947	1/4	40,941	1/4	55,936	1/4	70,940	1/4	85,944	1/4	100,948	1/4	115,942	1/4	130,926	1/4	145,788
1/2	11,256	1/2	26,259	1/2	41,253	1/2	56,249	1/2	71,253	1/2	86,257	1/2	101,261	1/2	116,254	1/2	131,238	1/2	146,067
3/4	11,568	3/4	26,572	3/4	41,565	3/4	56,562	3/4	71,566	3/4	86,570	3/4	101,573	3/4	116,566	3/4	131,550	3/4	146,346
9	11,881	9	26,885	9	41,877	9	56,874	9	71,878	9	86,882	9	101,886	9	116,878	9	131,862	9	146,625
1/4	12,194	1/4	27,197	1/4	42,189	1/4	57,187	1/4	72,191	1/4	87,195	1/4	102,199	1/4	117,191	1/4	132,174	1/4	146,888
1/2	12,506	1/2	27,510	1/2	42,502	1/2	57,499	1/2	72,503	1/2	87,507	1/2	102,511	1/2	117,503	1/2	132,487	1/2	147,151
3/4	12,819	3/4	27,822	3/4	42,814	3/4	57,812	3/4	72,816	3/4	87,820	3/4	102,824	3/4	117,815	3/4	132,799	3/4	147,414
10	13,131	10	28,135	10	43,126	10	58,125	10	73,128	10	88,132	10	103,136	10	118,127	10	133,111	10	147,677
1/4	13,444	1/4	28,447	1/4	43,438	1/4	58,437	1/4	73,441	1/4	88,445	1/4	103,449	1/4	118,439	1/4	133,423	1/4	147,924
1/2	13,756	1/2	28,760	1/2	43,750	1/2	58,750	1/2	73,754	1/2	88,758	1/2	103,762	1/2	118,751	1/2	133,735	1/2	148,171
3/4	14,069	3/4	29,073	3/4	44,062	3/4	59,062	3/4	74,066	3/4	89,070	3/4	104,074	3/4	119,064	3/4	134,047	3/4	148,418
11	14,382	11	29,385	11	44,374	11	59,375	11	74,379	11	89,383	11	104,387	11	119,376	11	134,360	11	148,665
1/4	14,694	1/4	29,698	1/4	44,686	1/4	59,687	1/4	74,691	1/4	89,695	1/4	104,699	1/4	119,688	1/4	134,672	1/4	148,896
1/2	15,007	1/2	30,010	1/2	44,998	1/2	60,000	1/2	75,004	1/2	90,008	1/2	105,012	1/2	120,000	1/2	134,984	1/2	149,127
3/4	15,319	3/4	30,323	3/4	45,311	3/4	60,313	3/4	75,317	3/4	90,321	3/4	105,324	3/4	120,312	3/4	135,296	3/4	149,358

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 OF THREADS ON "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 3003"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15' 05 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,589	0	159,962	0	170,313	0	180,635	0	190,942	0		0		0		0		0	
1/4	149,808	1/4	160,178	1/4	170,528	1/4	180,850	1/4	191,135	1/4		1/4		1/4		1/4		1/4	
1/2	150,028	1/2	160,393	1/2	170,743	1/2	181,065	1/2	191,328	1/2		1/2		1/2		1/2		1/2	
3/4	150,247	3/4	160,609	3/4	170,958	3/4	181,280	3/4	191,521	3/4		3/4		3/4		3/4		3/4	
1	150,467	1	160,825	1	171,173	1	181,495	1	191,714	1		1		1		1		1	
1/4	150,682	1/4	161,041	1/4	171,388	1/4	181,710	1/4	191,873	1/4		1/4		1/4		1/4		1/4	
1/2	150,898	1/2	161,257	1/2	171,603	1/2	181,925	1/2	192,033	1/2		1/2		1/2		1/2		1/2	
3/4	151,114	3/4	161,472	3/4	171,818	3/4	182,140	3/4	192,192	3/4		3/4		3/4		3/4		3/4	
2	151,330	2	161,688	2	172,033	2	182,355	2	192,352	2		2		2		2		2	
1/4	151,546	1/4	161,904	1/4	172,248	1/4	182,570	1/4	192,475	1/4		1/4		1/4		1/4		1/4	
1/2	151,761	1/2	162,120	1/2	172,463	1/2	182,785	1/2	192,599	1/2		1/2		1/2		1/2		1/2	
3/4	151,977	3/4	162,336	3/4	172,678	3/4	183,000	3/4	192,722	3/4		3/4		3/4		3/4		3/4	
3	152,193	3	162,551	3	172,893	3	183,215	3	192,846	3		3		3		3		3	
1/4	152,409	1/4	162,767	1/4	173,108	1/4	183,430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,625	1/2	162,983	1/2	173,323	1/2	183,645	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,840	3/4	163,199	3/4	173,538	3/4	183,860	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,056	4	163,415	4	173,753	4	184,075	4		4		4		4		4		4	
1/4	153,272	1/4	163,630	1/4	173,968	1/4	184,290	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,488	1/2	163,846	1/2	174,183	1/2	184,505	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,704	3/4	164,062	3/4	174,398	3/4	184,720	3/4		3/4		3/4		3/4		3/4		3/4	
5	153,919	5	164,278	5	174,613	5	184,935	5		5		5		5		5		5	
1/4	154,135	1/4	164,494	1/4	174,828	1/4	185,150	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,351	1/2	164,709	1/2	175,044	1/2	185,366	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,567	3/4	164,925	3/4	175,259	3/4	185,581	3/4		3/4		3/4		3/4		3/4		3/4	
6	154,783	6	165,141	6	175,474	6	185,796	6		6		6		6		6		6	
1/4	154,998	1/4	165,357	1/4	175,689	1/4	186,011	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,214	1/2	165,573	1/2	175,904	1/2	186,226	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,430	3/4	165,788	3/4	176,119	3/4	186,441	3/4		3/4		3/4		3/4		3/4		3/4	
7	155,646	7	166,004	7	176,334	7	186,656	7		7		7		7		7		7	
1/4	155,862	1/4	166,220	1/4	176,549	1/4	186,871	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,077	1/2	166,436	1/2	176,764	1/2	187,086	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,293	3/4	166,652	3/4	176,979	3/4	187,301	3/4		3/4		3/4		3/4		3/4		3/4	
8	156,509	8	166,867	8	177,194	8	187,516	8		8		8		8		8		8	
1/4	156,725	1/4	167,083	1/4	177,409	1/4	187,731	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,941	1/2	167,299	1/2	177,624	1/2	187,946	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,156	3/4	167,515	3/4	177,839	3/4	188,162	3/4		3/4		3/4		3/4		3/4		3/4	
9	157,372	9	167,731	9	178,054	9	188,377	9		9		9		9		9		9	
1/4	157,588	1/4	167,946	1/4	178,269	1/4	188,592	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,804	1/2	168,161	1/2	178,484	1/2	188,807	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,020	3/4	168,377	3/4	178,699	3/4	189,022	3/4		3/4		3/4		3/4		3/4		3/4	
10	158,235	10	168,592	10	178,914	10	189,237	10		10		10		10		10		10	
1/4	158,451	1/4	168,807	1/4	179,129	1/4	189,452	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,667	1/2	169,022	1/2	179,344	1/2	189,667	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,883	3/4	169,237	3/4	179,559	3/4	189,882	3/4		3/4		3/4		3/4		3/4		3/4	
11	159,099	11	169,452	11	179,774	11	190,096	11		11		11		11		11		11	
1/4	159,314	1/4	169,668	1/4	179,989	1/4	190,308	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,530	1/2	169,883	1/2	180,205	1/2	190,519	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,746	3/4	170,098	3/4	180,420	3/4	190,731	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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



BARGE "HSM 3003"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	3/4	3/4	3/4	3/4	3/4	3/4
3	13	3	136	3	294	3	438	3	3	3	3	3	3	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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 3003"

PORT SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-05 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	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	
1/2	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	
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	
1	193	1	1,347	1	2,502	1	3,656	1	4,810	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	
1/2	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	
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	
2	289	2	1,444	2	2,597	2	3,752	2	4,904	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	
1/2	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	
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	385	3	1,540	3	2,694	3	3,849	3	4,999	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	
1/2	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	
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	
4	481	4	1,636	4	2,790	4	3,945	4	5,093	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	
1/2	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	
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	
5	578	5	1,732	5	2,886	5	4,041	5	5,140	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	
1/2	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	
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	
6	674	6	1,829	6	2,982	6	4,137	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	
1/2	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	
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	
7	770	7	1,925	7	3,079	7	4,234	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	
1/2	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	
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	
8	866	8	2,021	8	3,175	8	4,330	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	
1/2	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	
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	
9	963	9	2,117	9	3,271	9	4,426	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	
1/2	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	
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	
10	1,059	10	2,214	10	3,367	10	4,522	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	
1/2	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	
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	
11	1,155	11	2,310	11	3,464	11	4,619	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	
1/2	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	
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	

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: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

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 3003"

STBD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-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	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	
1/2	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	
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	
1	193	1	1,347	1	2,502	1	3,656	1	4,810	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	
1/2	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	
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	
2	289	2	1,444	2	2,597	2	3,752	2	4,904	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	
1/2	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	
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	385	3	1,540	3	2,694	3	3,849	3	4,999	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	
1/2	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	
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	
4	481	4	1,636	4	2,790	4	3,945	4	5,093	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	
1/2	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	
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	
5	578	5	1,732	5	2,886	5	4,041	5	5,140	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	
1/2	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	
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	
6	674	6	1,829	6	2,982	6	4,137	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	
1/2	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	
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	
7	770	7	1,925	7	3,079	7	4,234	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	
1/2	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	
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	
8	866	8	2,021	8	3,175	8	4,330	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	
1/2	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	
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	
9	963	9	2,117	9	3,271	9	4,426	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	
1/2	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	
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	
10	1,059	10	2,214	10	3,367	10	4,522	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	
1/2	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	
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	
11	1,155	11	2,310	11	3,464	11	4,619	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	
1/2	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	
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	

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: 11/01/2016 CL
CALCULATED: 11/01/2016 CL
PRINTED: 11/02/2016 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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