



BARGE "HSM 3029"

INNAGE TRIM TABLE "MMC" GAUGE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

November 25, 2019

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

<http://www.pmacorp.net>



BARGE "HSM 3029"

INNAGE TRIM TABLE 8" GAUGE HATCH

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

November 25, 2019

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BARGE "HSM 3029"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,346	0	163,373	0	178,391	0	193,375	0	208,286	0		0		0		0		0	
1/4	148,659	1/4	163,686	1/4	178,703	1/4	193,687	1/4	208,566	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,972	1/2	163,999	1/2	179,016	1/2	193,999	1/2	208,846	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,285	3/4	164,312	3/4	179,328	3/4	194,311	3/4	209,127	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	149,598	1	164,625	1	179,640	1	194,623	1	209,407	1	1	1	1	1	1	1	1	1	1
1/4	149,911	1/4	164,938	1/4	179,952	1/4	194,936	1/4	209,639	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,224	1/2	165,251	1/2	180,264	1/2	195,248	1/2	209,871	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,537	3/4	165,565	3/4	180,576	3/4	195,560	3/4	210,102	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	150,850	2	165,878	2	180,889	2	195,872	2	210,334	2	2	2	2	2	2	2	2	2	2
1/4	151,163	1/4	166,191	1/4	181,201	1/4	196,184	1/4	210,514	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,476	1/2	166,504	1/2	181,513	1/2	196,496	1/2	210,694	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,789	3/4	166,817	3/4	181,825	3/4	196,808	3/4	210,873	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	152,103	3	167,130	3	182,137	3	197,121	3	211,053	3	3	3	3	3	3	3	3	3	3
1/4	152,416	1/4	167,443	1/4	182,449	1/4	197,433	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,729	1/2	167,756	1/2	182,761	1/2	197,745	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,042	3/4	168,069	3/4	183,074	3/4	198,057	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	153,355	4	168,382	4	183,386	4	198,369	4		4		4	4	4	4	4	4	4	4
1/4	153,668	1/4	168,695	1/4	183,698	1/4	198,681	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,981	1/2	169,008	1/2	184,010	1/2	198,994	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,294	3/4	169,321	3/4	184,322	3/4	199,306	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	154,607	5	169,634	5	184,634	5	199,618	5		5		5	5	5	5	5	5	5	5
1/4	154,920	1/4	169,948	1/4	184,947	1/4	199,929	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,233	1/2	170,261	1/2	185,259	1/2	200,240	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,546	3/4	170,574	3/4	185,571	3/4	200,551	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	155,859	6	170,887	6	185,883	6	200,862	6	6	6	6	6	6	6	6	6	6	6	6
1/4	156,172	1/4	171,200	1/4	186,195	1/4	201,172	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,486	1/2	171,513	1/2	186,507	1/2	201,482	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,799	3/4	171,826	3/4	186,819	3/4	201,792	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	157,112	7	172,139	7	187,132	7	202,102	7	7	7	7	7	7	7	7	7	7	7	7
1/4	157,425	1/4	172,452	1/4	187,444	1/4	202,412	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,738	1/2	172,765	1/2	187,756	1/2	202,722	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,051	3/4	173,078	3/4	188,068	3/4	203,033	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	158,364	8	173,391	8	188,380	8	203,343	8	8	8	8	8	8	8	8	8	8	8	8
1/4	158,677	1/4	173,704	1/4	188,692	1/4	203,653	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,990	1/2	174,017	1/2	189,005	1/2	203,963	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,303	3/4	174,330	3/4	189,317	3/4	204,273	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	159,616	9	174,644	9	189,629	9	204,583	9	9	9	9	9	9	9	9	9	9	9	9
1/4	159,929	1/4	174,956	1/4	189,941	1/4	204,893	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,242	1/2	175,269	1/2	190,253	1/2	205,203	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,555	3/4	175,581	3/4	190,565	3/4	205,513	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	160,869	10	175,894	10	190,878	10	205,823	10	10	10	10	10	10	10	10	10	10	10	10
1/4	161,182	1/4	176,206	1/4	191,190	1/4	206,133	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,495	1/2	176,518	1/2	191,502	1/2	206,443	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,808	3/4	176,830	3/4	191,814	3/4	206,752	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	162,121	11	177,143	11	192,126	11	207,062	11	11	11	11	11	11	11	11	11	11	11	11
1/4	162,434	1/4	177,455	1/4	192,438	1/4	207,368	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,747	1/2	177,767	1/2	192,750	1/2	207,674	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,060	3/4	178,079	3/4	193,063	3/4	207,980	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.

STRAPPED: 11/25/2019 CL
CALCULATED: 11/25/2019 CL
PRINTED: 11/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "HSM 3029"

1 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	148,404	0	163,428	0	178,442	0	193,422	0	208,330	0		0		0		0		0	
1/4	148,717	1/4	163,741	1/4	178,754	1/4	193,734	1/4	208,610	1/4		1/4		1/4		1/4		1/4	
1/2	149,030	1/2	164,054	1/2	179,067	1/2	194,046	1/2	208,890	1/2		1/2		1/2		1/2		1/2	
3/4	149,343	3/4	164,367	3/4	179,379	3/4	194,358	3/4	209,170	3/4		3/4		3/4		3/4		3/4	
1	149,656	1	164,680	1	179,691	1	194,671	1	209,450	1		1		1		1		1	
1/4	149,969	1/4	164,993	1/4	180,003	1/4	194,983	1/4	209,682	1/4		1/4		1/4		1/4		1/4	
1/2	150,282	1/2	165,306	1/2	180,315	1/2	195,295	1/2	209,914	1/2		1/2		1/2		1/2		1/2	
3/4	150,595	3/4	165,619	3/4	180,627	3/4	195,607	3/4	210,146	3/4		3/4		3/4		3/4		3/4	
2	150,908	2	165,932	2	180,939	2	195,919	2	210,378	2		2		2		2		2	
1/4	151,221	1/4	166,245	1/4	181,251	1/4	196,231	1/4	210,557	1/4		1/4		1/4		1/4		1/4	
1/2	151,534	1/2	166,558	1/2	181,563	1/2	196,543	1/2	210,737	1/2		1/2		1/2		1/2		1/2	
3/4	151,847	3/4	166,871	3/4	181,875	3/4	196,855	3/4	210,916	3/4		3/4		3/4		3/4		3/4	
3	152,160	3	167,184	3	182,187	3	197,167	3	211,096	3		3		3		3		3	
1/4	152,473	1/4	167,497	1/4	182,499	1/4	197,479	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,786	1/2	167,810	1/2	182,811	1/2	197,791	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,099	3/4	168,123	3/4	183,124	3/4	198,103	3/4		3/4		3/4		3/4		3/4		3/4	
4	153,412	4	168,436	4	183,436	4	198,415	4		4		4		4		4		4	
1/4	153,725	1/4	168,749	1/4	183,748	1/4	198,728	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,038	1/2	169,062	1/2	184,060	1/2	199,040	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,351	3/4	169,375	3/4	184,372	3/4	199,352	3/4		3/4		3/4		3/4		3/4		3/4	
5	154,664	5	169,688	5	184,684	5	199,664	5		5		5		5		5		5	
1/4	154,977	1/4	170,001	1/4	184,996	1/4	199,975	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,290	1/2	170,314	1/2	185,308	1/2	200,286	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,603	3/4	170,627	3/4	185,620	3/4	200,597	3/4		3/4		3/4		3/4		3/4		3/4	
6	155,916	6	170,940	6	185,932	6	200,908	6		6		6		6		6		6	
1/4	156,229	1/4	171,253	1/4	186,244	1/4	201,218	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,542	1/2	171,566	1/2	186,556	1/2	201,528	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,855	3/4	171,879	3/4	186,869	3/4	201,838	3/4		3/4		3/4		3/4		3/4		3/4	
7	157,168	7	172,192	7	187,181	7	202,148	7		7		7		7		7		7	
1/4	157,481	1/4	172,505	1/4	187,493	1/4	202,458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,794	1/2	172,818	1/2	187,805	1/2	202,768	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,107	3/4	173,131	3/4	188,117	3/4	203,078	3/4		3/4		3/4		3/4		3/4		3/4	
8	158,420	8	173,444	8	188,429	8	203,388	8		8		8		8		8		8	
1/4	158,733	1/4	173,757	1/4	188,741	1/4	203,698	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,046	1/2	174,070	1/2	189,053	1/2	204,008	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,359	3/4	174,383	3/4	189,365	3/4	204,318	3/4		3/4		3/4		3/4		3/4		3/4	
9	159,672	9	174,696	9	189,677	9	204,628	9		9		9		9		9		9	
1/4	159,985	1/4	175,008	1/4	189,989	1/4	204,938	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,298	1/2	175,321	1/2	190,301	1/2	205,248	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,611	3/4	175,633	3/4	190,613	3/4	205,558	3/4		3/4		3/4		3/4		3/4		3/4	
10	160,924	10	175,946	10	190,926	10	205,868	10		10		10		10		10		10	
1/4	161,237	1/4	176,258	1/4	191,238	1/4	206,177	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,550	1/2	176,570	1/2	191,550	1/2	206,487	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,863	3/4	176,882	3/4	191,862	3/4	206,797	3/4		3/4		3/4		3/4		3/4		3/4	
11	162,176	11	177,194	11	192,174	11	207,106	11		11		11		11		11		11	
1/4	162,489	1/4	177,506	1/4	192,486	1/4	207,412	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,802	1/2	177,818	1/2	192,798	1/2	207,718	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,115	3/4	178,130	3/4	193,110	3/4	208,024	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/25/2019 CL
CALCULATED: 11/25/2019 CL
PRINTED: 11/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "HSM 3029"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	150,054	0	165,107	0	180,150	0	195,153	0	210,059	0		0		0		0		0	
1/4	150,367	1/4	165,421	1/4	180,463	1/4	195,465	1/4	210,338	1/4		1/4		1/4		1/4		1/4	
1/2	150,681	1/2	165,735	1/2	180,775	1/2	195,778	1/2	210,618	1/2		1/2		1/2		1/2		1/2	
3/4	150,995	3/4	166,048	3/4	181,088	3/4	196,091	3/4	210,898	3/4		3/4		3/4		3/4		3/4	
1	151,308	1	166,362	1	181,401	1	196,403	1	211,177	1		1		1		1		1	
1/4	151,622	1/4	166,675	1/4	181,713	1/4	196,716	1/4	211,408	1/4		1/4		1/4		1/4		1/4	
1/2	151,935	1/2	166,989	1/2	182,026	1/2	197,028	1/2	211,640	1/2		1/2		1/2		1/2		1/2	
3/4	152,249	3/4	167,303	3/4	182,338	3/4	197,341	3/4	211,871	3/4		3/4		3/4		3/4		3/4	
2	152,563	2	167,616	2	182,651	2	197,653	2	212,102	2		2		2		2		2	
1/4	152,876	1/4	167,930	1/4	182,963	1/4	197,966	1/4	212,281	1/4		1/4		1/4		1/4		1/4	
1/2	153,190	1/2	168,244	1/2	183,276	1/2	198,278	1/2	212,460	1/2		1/2		1/2		1/2		1/2	
3/4	153,504	3/4	168,557	3/4	183,588	3/4	198,591	3/4	212,639	3/4		3/4		3/4		3/4		3/4	
3	153,817	3	168,871	3	183,901	3	198,903	3	212,817	3		3		3		3		3	
1/4	154,131	1/4	169,184	1/4	184,214	1/4	199,216	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,444	1/2	169,498	1/2	184,526	1/2	199,529	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,758	3/4	169,812	3/4	184,839	3/4	199,841	3/4		3/4		3/4		3/4		3/4		3/4	
4	155,072	4	170,125	4	185,151	4	200,154	4		4		4		4		4		4	
1/4	155,385	1/4	170,439	1/4	185,464	1/4	200,466	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,699	1/2	170,752	1/2	185,776	1/2	200,779	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,012	3/4	171,066	3/4	186,089	3/4	201,091	3/4		3/4		3/4		3/4		3/4		3/4	
5	156,326	5	171,380	5	186,401	5	201,404	5		5		5		5		5		5	
1/4	156,640	1/4	171,693	1/4	186,714	1/4	201,715	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,953	1/2	172,007	1/2	187,026	1/2	202,026	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,267	3/4	172,321	3/4	187,339	3/4	202,337	3/4		3/4		3/4		3/4		3/4		3/4	
6	157,581	6	172,634	6	187,652	6	202,648	6		6		6		6		6		6	
1/4	157,894	1/4	172,948	1/4	187,964	1/4	202,957	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,208	1/2	173,261	1/2	188,277	1/2	203,267	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,521	3/4	173,575	3/4	188,589	3/4	203,576	3/4		3/4		3/4		3/4		3/4		3/4	
7	158,835	7	173,889	7	188,902	7	203,886	7		7		7		7		7		7	
1/4	159,149	1/4	174,202	1/4	189,214	1/4	204,195	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,462	1/2	174,516	1/2	189,527	1/2	204,505	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,776	3/4	174,829	3/4	189,839	3/4	204,814	3/4		3/4		3/4		3/4		3/4		3/4	
8	160,089	8	175,143	8	190,152	8	205,124	8		8		8		8		8		8	
1/4	160,403	1/4	175,457	1/4	190,465	1/4	205,434	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,717	1/2	175,770	1/2	190,777	1/2	205,743	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,030	3/4	176,084	3/4	191,090	3/4	206,053	3/4		3/4		3/4		3/4		3/4		3/4	
9	161,344	9	176,398	9	191,402	9	206,362	9		9		9		9		9		9	
1/4	161,658	1/4	176,711	1/4	191,715	1/4	206,672	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,971	1/2	177,024	1/2	192,027	1/2	206,981	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,285	3/4	177,337	3/4	192,340	3/4	207,291	3/4		3/4		3/4		3/4		3/4		3/4	
10	162,598	10	177,650	10	192,652	10	207,600	10		10		10		10		10		10	
1/4	162,912	1/4	177,962	1/4	192,965	1/4	207,910	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,226	1/2	178,275	1/2	193,278	1/2	208,219	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,539	3/4	178,588	3/4	193,590	3/4	208,528	3/4		3/4		3/4		3/4		3/4		3/4	
11	163,853	11	178,900	11	193,903	11	208,837	11		11		11		11		11		11	
1/4	164,166	1/4	179,213	1/4	194,215	1/4	209,142	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,480	1/2	179,525	1/2	194,528	1/2	209,448	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,794	3/4	179,838	3/4	194,840	3/4	209,753	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 11/2019

PRECISION MEASUREMENT
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BARGE "HSM 3029"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	1,032	0	15,700	0	30,766	0	45,814	0	60,867	0	75,936	0	91,004	0	106,073	0	121,136	0	136,197
1/4	1,267	1/4	16,014	1/4	31,080	1/4	46,127	1/4	61,181	1/4	76,250	1/4	91,318	1/4	106,387	1/4	121,450	1/4	136,511
1/2	1,503	1/2	16,327	1/2	31,394	1/2	46,440	1/2	61,495	1/2	76,564	1/2	91,632	1/2	106,701	1/2	121,763	1/2	136,824
3/4	1,738	3/4	16,641	3/4	31,708	3/4	46,753	3/4	61,809	3/4	76,878	3/4	91,946	3/4	107,015	3/4	122,077	3/4	137,138
1	1,974	1	16,955	1	32,021	1	47,066	1	62,123	1	77,192	1	92,260	1	107,329	1	122,391	1	137,452
1/4	2,267	1/4	17,269	1/4	32,335	1/4	47,379	1/4	62,437	1/4	77,505	1/4	92,574	1/4	107,642	1/4	122,705	1/4	137,766
1/2	2,561	1/2	17,583	1/2	32,649	1/2	47,692	1/2	62,751	1/2	77,819	1/2	92,888	1/2	107,956	1/2	123,019	1/2	138,079
3/4	2,854	3/4	17,897	3/4	32,963	3/4	48,005	3/4	63,065	3/4	78,133	3/4	93,202	3/4	108,270	3/4	123,332	3/4	138,393
2	3,148	2	18,211	2	33,277	2	48,318	2	63,379	2	78,447	2	93,516	2	108,584	2	123,646	2	138,707
1/4	3,461	1/4	18,525	1/4	33,591	1/4	48,631	1/4	63,693	1/4	78,761	1/4	93,830	1/4	108,898	1/4	123,960	1/4	139,021
1/2	3,774	1/2	18,839	1/2	33,905	1/2	48,944	1/2	64,007	1/2	79,075	1/2	94,144	1/2	109,212	1/2	124,274	1/2	139,335
3/4	4,086	3/4	19,153	3/4	34,219	3/4	49,257	3/4	64,321	3/4	79,389	3/4	94,458	3/4	109,526	3/4	124,587	3/4	139,648
3	4,399	3	19,467	3	34,533	3	49,570	3	64,634	3	79,703	3	94,771	3	109,840	3	124,901	3	139,962
1/4	4,713	1/4	19,781	1/4	34,847	1/4	49,883	1/4	64,948	1/4	80,017	1/4	95,085	1/4	110,154	1/4	125,215	1/4	140,276
1/2	5,027	1/2	20,095	1/2	35,161	1/2	50,197	1/2	65,262	1/2	80,331	1/2	95,399	1/2	110,468	1/2	125,529	1/2	140,590
3/4	5,340	3/4	20,409	3/4	35,475	3/4	50,510	3/4	65,576	3/4	80,645	3/4	95,713	3/4	110,781	3/4	125,842	3/4	140,903
4	5,654	4	20,722	4	35,789	4	50,823	4	65,890	4	80,959	4	96,027	4	111,095	4	126,156	4	141,217
1/4	5,968	1/4	21,036	1/4	36,103	1/4	51,137	1/4	66,204	1/4	81,273	1/4	96,341	1/4	111,409	1/4	126,470	1/4	141,531
1/2	6,282	1/2	21,350	1/2	36,416	1/2	51,450	1/2	66,518	1/2	81,587	1/2	96,655	1/2	111,723	1/2	126,784	1/2	141,845
3/4	6,596	3/4	21,664	3/4	36,730	3/4	51,764	3/4	66,832	3/4	81,900	3/4	96,969	3/4	112,037	3/4	127,098	3/4	142,158
5	6,910	5	21,978	5	37,044	5	52,077	5	67,146	5	82,214	5	97,283	5	112,350	5	127,411	5	142,472
1/4	7,224	1/4	22,292	1/4	37,358	1/4	52,391	1/4	67,460	1/4	82,528	1/4	97,597	1/4	112,664	1/4	127,725	1/4	142,786
1/2	7,538	1/2	22,606	1/2	37,672	1/2	52,705	1/2	67,774	1/2	82,842	1/2	97,911	1/2	112,978	1/2	128,039	1/2	143,100
3/4	7,851	3/4	22,920	3/4	37,986	3/4	53,019	3/4	68,088	3/4	83,156	3/4	98,225	3/4	113,292	3/4	128,353	3/4	143,414
6	8,165	6	23,234	6	38,300	6	53,333	6	68,402	6	83,470	6	98,539	6	113,605	6	128,666	6	143,727
1/4	8,479	1/4	23,548	1/4	38,613	1/4	53,647	1/4	68,716	1/4	83,784	1/4	98,852	1/4	113,919	1/4	128,980	1/4	144,041
1/2	8,793	1/2	23,862	1/2	38,927	1/2	53,961	1/2	69,029	1/2	84,098	1/2	99,166	1/2	114,233	1/2	129,294	1/2	144,355
3/4	9,107	3/4	24,176	3/4	39,240	3/4	54,275	3/4	69,343	3/4	84,412	3/4	99,480	3/4	114,547	3/4	129,608	3/4	144,669
7	9,421	7	24,490	7	39,554	7	54,589	7	69,657	7	84,726	7	99,794	7	114,861	7	129,921	7	144,982
1/4	9,735	1/4	24,803	1/4	39,867	1/4	54,903	1/4	69,971	1/4	85,040	1/4	100,108	1/4	115,174	1/4	130,235	1/4	145,296
1/2	10,049	1/2	25,117	1/2	40,180	1/2	55,217	1/2	70,285	1/2	85,354	1/2	100,422	1/2	115,488	1/2	130,549	1/2	145,610
3/4	10,363	3/4	25,431	3/4	40,493	3/4	55,531	3/4	70,599	3/4	85,668	3/4	100,736	3/4	115,802	3/4	130,863	3/4	145,924
8	10,677	8	25,745	8	40,806	8	55,845	8	70,913	8	85,981	8	101,050	8	116,116	8	131,177	8	146,237
1/4	10,991	1/4	26,059	1/4	41,119	1/4	56,158	1/4	71,227	1/4	86,295	1/4	101,364	1/4	116,429	1/4	131,490	1/4	146,551
1/2	11,305	1/2	26,373	1/2	41,432	1/2	56,472	1/2	71,541	1/2	86,609	1/2	101,678	1/2	116,743	1/2	131,804	1/2	146,865
3/4	11,619	3/4	26,687	3/4	41,745	3/4	56,786	3/4	71,855	3/4	86,923	3/4	101,992	3/4	117,057	3/4	132,118	3/4	147,179
9	11,933	9	27,001	9	42,058	9	57,100	9	72,169	9	87,237	9	102,306	9	117,371	9	132,432	9	147,493
1/4	12,246	1/4	27,314	1/4	42,371	1/4	57,414	1/4	72,483	1/4	87,551	1/4	102,620	1/4	117,684	1/4	132,745	1/4	147,806
1/2	12,560	1/2	27,628	1/2	42,684	1/2	57,728	1/2	72,797	1/2	87,865	1/2	102,934	1/2	117,998	1/2	133,059	1/2	148,120
3/4	12,874	3/4	27,942	3/4	42,997	3/4	58,042	3/4	73,110	3/4	88,179	3/4	103,247	3/4	118,312	3/4	133,373	3/4	148,434
10	13,188	10	28,256	10	43,310	10	58,356	10	73,424	10	88,493	10	103,561	10	118,626	10	133,687	10	148,748
1/4	13,502	1/4	28,569	1/4	43,623	1/4	58,670	1/4	73,738	1/4	88,807	1/4	103,875	1/4	118,940	1/4	134,000	1/4	149,061
1/2	13,816	1/2	28,883	1/2	43,936	1/2	58,984	1/2	74,052	1/2	89,121	1/2	104,189	1/2	119,253	1/2	134,314	1/2	149,375
3/4	14,130	3/4	29,197	3/4	44,249	3/4	59,298	3/4	74,366	3/4	89,435	3/4	104,503	3/4	119,567	3/4	134,628	3/4	149,689
11	14,444	11	29,510	11	44,562	11	59,612	11	74,680	11	89,749	11	104,817	11	119,881	11	134,942	11	150,003
1/4	14,758	1/4	29,824	1/4	44,875	1/4	59,926	1/4	74,994	1/4	90,063	1/4	105,131	1/4	120,195	1/4	135,256	1/4	150,316
1/2	15,072	1/2	30,138	1/2	45,188	1/2	60,239	1/2	75,308	1/2	90,376	1/2	105,445	1/2	120,508	1/2	135,569	1/2	150,630
3/4	15,386	3/4	30,452	3/4	45,501	3/4	60,553	3/4	75,622	3/4	90,690	3/4	105,759	3/4	120,822	3/4	135,883	3/4	150,944

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
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BARGE "HSM 3029"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,258	0	166,319	0	181,369	0	196,379	0	211,292	0		0		0		0		0	
1/4	151,572	1/4	166,633	1/4	181,682	1/4	196,692	1/4	211,572	1/4		1/4		1/4		1/4		1/4	
1/2	151,885	1/2	166,946	1/2	181,994	1/2	197,004	1/2	211,851	1/2		1/2		1/2		1/2		1/2	
3/4	152,199	3/4	167,260	3/4	182,307	3/4	197,317	3/4	212,131	3/4		3/4		3/4		3/4		3/4	
1	152,513	1	167,574	1	182,620	1	197,630	1	212,411	1		1		1		1		1	
1/4	152,827	1/4	167,888	1/4	182,933	1/4	197,942	1/4	212,642	1/4		1/4		1/4		1/4		1/4	
1/2	153,140	1/2	168,201	1/2	183,245	1/2	198,255	1/2	212,874	1/2		1/2		1/2		1/2		1/2	
3/4	153,454	3/4	168,515	3/4	183,558	3/4	198,568	3/4	213,105	3/4		3/4		3/4		3/4		3/4	
2	153,768	2	168,829	2	183,871	2	198,880	2	213,336	2		2		2		2		2	
1/4	154,082	1/4	169,143	1/4	184,183	1/4	199,193	1/4	213,515	1/4		1/4		1/4		1/4		1/4	
1/2	154,395	1/2	169,456	1/2	184,496	1/2	199,506	1/2	213,694	1/2		1/2		1/2		1/2		1/2	
3/4	154,709	3/4	169,770	3/4	184,809	3/4	199,819	3/4	213,873	3/4		3/4		3/4		3/4		3/4	
3	155,023	3	170,084	3	185,121	3	200,131	3	214,052	3		3		3		3		3	
1/4	155,337	1/4	170,398	1/4	185,434	1/4	200,444	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,651	1/2	170,712	1/2	185,747	1/2	200,757	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,964	3/4	171,025	3/4	186,060	3/4	201,069	3/4		3/4		3/4		3/4		3/4		3/4	
4	156,278	4	171,339	4	186,372	4	201,382	4		4		4		4		4		4	
1/4	156,592	1/4	171,653	1/4	186,685	1/4	201,695	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,906	1/2	171,967	1/2	186,998	1/2	202,008	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,219	3/4	172,280	3/4	187,310	3/4	202,320	3/4		3/4		3/4		3/4		3/4		3/4	
5	157,533	5	172,594	5	187,623	5	202,633	5		5		5		5		5		5	
1/4	157,847	1/4	172,908	1/4	187,936	1/4	202,944	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,161	1/2	173,222	1/2	188,249	1/2	203,255	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,474	3/4	173,535	3/4	188,561	3/4	203,566	3/4		3/4		3/4		3/4		3/4		3/4	
6	158,788	6	173,849	6	188,874	6	203,878	6		6		6		6		6		6	
1/4	159,102	1/4	174,163	1/4	189,187	1/4	204,187	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,416	1/2	174,477	1/2	189,499	1/2	204,497	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,730	3/4	174,791	3/4	189,812	3/4	204,806	3/4		3/4		3/4		3/4		3/4		3/4	
7	160,043	7	175,104	7	190,125	7	205,116	7		7		7		7		7		7	
1/4	160,357	1/4	175,418	1/4	190,437	1/4	205,426	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,671	1/2	175,732	1/2	190,750	1/2	205,735	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,985	3/4	176,046	3/4	191,063	3/4	206,045	3/4		3/4		3/4		3/4		3/4		3/4	
8	161,298	8	176,359	8	191,376	8	206,355	8		8		8		8		8		8	
1/4	161,612	1/4	176,673	1/4	191,688	1/4	206,665	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,926	1/2	176,987	1/2	192,001	1/2	206,974	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,240	3/4	177,301	3/4	192,314	3/4	207,284	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,554	9	177,614	9	192,626	9	207,594	9		9		9		9		9		9	
1/4	162,867	1/4	177,928	1/4	192,939	1/4	207,904	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,181	1/2	178,241	1/2	193,252	1/2	208,213	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,495	3/4	178,554	3/4	193,565	3/4	208,523	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,809	10	178,867	10	193,877	10	208,833	10		10		10		10		10		10	
1/4	164,122	1/4	179,180	1/4	194,190	1/4	209,142	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,436	1/2	179,493	1/2	194,503	1/2	209,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,750	3/4	179,805	3/4	194,815	3/4	209,760	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,064	11	180,118	11	195,128	11	210,070	11		11		11		11		11		11	
1/4	165,377	1/4	180,431	1/4	195,441	1/4	210,375	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,691	1/2	180,744	1/2	195,753	1/2	210,681	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,005	3/4	181,056	3/4	196,066	3/4	210,986	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/25/2019 CL
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PRINTED: 11/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "HSM 3029"

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	148,658	0	159,037	0	169,395	0	179,724	0	190,038	0		0		0		0		0	
1/4	148,877	1/4	159,253	1/4	169,610	1/4	179,939	1/4	190,232	1/4		1/4		1/4		1/4		1/4	
1/2	149,097	1/2	159,469	1/2	169,826	1/2	180,154	1/2	190,425	1/2		1/2		1/2		1/2		1/2	
3/4	149,316	3/4	159,685	3/4	170,041	3/4	180,370	3/4	190,618	3/4		3/4		3/4		3/4		3/4	
1	149,536	1	159,901	1	170,256	1	180,585	1	190,811	1		1		1		1		1	
1/4	149,752	1/4	160,117	1/4	170,471	1/4	180,800	1/4	190,970	1/4		1/4		1/4		1/4		1/4	
1/2	149,968	1/2	160,333	1/2	170,686	1/2	181,015	1/2	191,130	1/2		1/2		1/2		1/2		1/2	
3/4	150,184	3/4	160,549	3/4	170,901	3/4	181,230	3/4	191,289	3/4		3/4		3/4		3/4		3/4	
2	150,400	2	160,765	2	171,117	2	181,446	2	191,449	2		2		2		2		2	
1/4	150,615	1/4	160,981	1/4	171,332	1/4	181,661	1/4	191,573	1/4		1/4		1/4		1/4		1/4	
1/2	150,831	1/2	161,197	1/2	171,547	1/2	181,876	1/2	191,696	1/2		1/2		1/2		1/2		1/2	
3/4	151,047	3/4	161,413	3/4	171,762	3/4	182,091	3/4	191,820	3/4		3/4		3/4		3/4		3/4	
3	151,263	3	161,629	3	171,977	3	182,306	3	191,943	3		3		3		3		3	
1/4	151,479	1/4	161,845	1/4	172,193	1/4	182,521	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	151,695	1/2	162,061	1/2	172,408	1/2	182,737	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	151,911	3/4	162,277	3/4	172,623	3/4	182,952	3/4		3/4		3/4		3/4		3/4		3/4	
4	152,127	4	162,492	4	172,838	4	183,167	4		4		4		4		4		4	
1/4	152,343	1/4	162,708	1/4	173,053	1/4	183,382	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	152,559	1/2	162,924	1/2	173,268	1/2	183,597	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	152,775	3/4	163,140	3/4	173,484	3/4	183,813	3/4		3/4		3/4		3/4		3/4		3/4	
5	152,991	5	163,356	5	173,699	5	184,028	5		5		5		5		5		5	
1/4	153,207	1/4	163,572	1/4	173,914	1/4	184,243	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,423	1/2	163,788	1/2	174,129	1/2	184,458	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153,639	3/4	164,004	3/4	174,344	3/4	184,673	3/4		3/4		3/4		3/4		3/4		3/4	
6	153,855	6	164,220	6	174,560	6	184,889	6		6		6		6		6		6	
1/4	154,071	1/4	164,436	1/4	174,775	1/4	185,104	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,287	1/2	164,652	1/2	174,990	1/2	185,319	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,502	3/4	164,868	3/4	175,205	3/4	185,534	3/4		3/4		3/4		3/4		3/4		3/4	
7	154,718	7	165,084	7	175,420	7	185,749	7		7		7		7		7		7	
1/4	154,934	1/4	165,300	1/4	175,636	1/4	185,965	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,150	1/2	165,516	1/2	175,851	1/2	186,180	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,366	3/4	165,732	3/4	176,066	3/4	186,395	3/4		3/4		3/4		3/4		3/4		3/4	
8	155,582	8	165,948	8	176,281	8	186,610	8		8		8		8		8		8	
1/4	155,798	1/4	166,164	1/4	176,496	1/4	186,826	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,014	1/2	166,380	1/2	176,711	1/2	187,041	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,230	3/4	166,595	3/4	176,927	3/4	187,256	3/4		3/4		3/4		3/4		3/4		3/4	
9	156,446	9	166,811	9	177,142	9	187,471	9		9		9		9		9		9	
1/4	156,662	1/4	167,027	1/4	177,357	1/4	187,687	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,878	1/2	167,243	1/2	177,572	1/2	187,902	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,094	3/4	167,458	3/4	177,787	3/4	188,117	3/4		3/4		3/4		3/4		3/4		3/4	
10	157,310	10	167,674	10	178,003	10	188,332	10		10		10		10		10		10	
1/4	157,526	1/4	167,889	1/4	178,218	1/4	188,547	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,742	1/2	168,104	1/2	178,433	1/2	188,762	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,958	3/4	168,319	3/4	178,648	3/4	188,977	3/4		3/4		3/4		3/4		3/4		3/4	
11	158,174	11	168,534	11	178,863	11	189,192	11		11		11		11		11		11	
1/4	158,390	1/4	168,750	1/4	179,079	1/4	189,404	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,605	1/2	168,965	1/2	179,294	1/2	189,615	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,821	3/4	169,180	3/4	179,509	3/4	189,827	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "HSM 3029"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-05"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/25/2019 CL
CALCULATED: 11/25/2019 CL
PRINTED: 11/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "HSM 3029"

PORT SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	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	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	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	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	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	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	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	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	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	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	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	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	

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: 11/25/2019 CL
CALCULATED: 11/25/2019 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "HSM 3029"

STBD SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	96	0	1,251	0	2,406	0	3,560	0	4,715	0		0		0		0		0	
1/4	120	1/4	1,275	1/4	2,430	1/4	3,584	1/4	4,739	1/4		1/4		1/4		1/4		1/4	
1/2	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	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	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	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	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	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	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	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	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	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	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	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: 11/25/2019 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3029"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-06"

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

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: 11/25/2019 CL
CALCULATED: 11/25/2019 CL
PRINTED: 11/25/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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