



BARGE "HSM 3308 "

formerly the

BARGE "FMT 3308"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-07"

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	1,101	0	2,203	0	3,304	0	4,406	0	5,507	0		0		0		0	
1/4	23	1/4	1,124	1/4	2,226	1/4	3,327	1/4	4,429	1/4	5,530	1/4		1/4		1/4		1/4	
1/2	46	1/2	1,147	1/2	2,249	1/2	3,350	1/2	4,452	1/2	5,553	1/2		1/2		1/2		1/2	
3/4	69	3/4	1,170	3/4	2,272	3/4	3,373	3/4	4,475	3/4		3/4		3/4		3/4		3/4	
1	92	1	1,193	1	2,295	1	3,396	1	4,498	1		1		1		1		1	
1/4	115	1/4	1,216	1/4	2,318	1/4	3,419	1/4	4,521	1/4		1/4		1/4		1/4		1/4	
1/2	138	1/2	1,239	1/2	2,341	1/2	3,442	1/2	4,544	1/2		1/2		1/2		1/2		1/2	
3/4	161	3/4	1,262	3/4	2,364	3/4	3,465	3/4	4,567	3/4		3/4		3/4		3/4		3/4	
2	184	2	1,285	2	2,387	2	3,488	2	4,589	2		2		2		2		2	
1/4	207	1/4	1,308	1/4	2,409	1/4	3,511	1/4	4,612	1/4		1/4		1/4		1/4		1/4	
1/2	229	1/2	1,331	1/2	2,432	1/2	3,534	1/2	4,635	1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	1,354	3/4	2,455	3/4	3,557	3/4	4,658	3/4		3/4		3/4		3/4		3/4	
3	275	3	1,377	3	2,478	3	3,580	3	4,681	3		3		3		3		3	
1/4	298	1/4	1,400	1/4	2,501	1/4	3,603	1/4	4,704	1/4		1/4		1/4		1/4		1/4	
1/2	321	1/2	1,423	1/2	2,524	1/2	3,626	1/2	4,727	1/2		1/2		1/2		1/2		1/2	
3/4	344	3/4	1,446	3/4	2,547	3/4	3,649	3/4	4,750	3/4		3/4		3/4		3/4		3/4	
4	367	4	1,469	4	2,570	4	3,672	4	4,773	4		4		4		4		4	
1/4	390	1/4	1,492	1/4	2,593	1/4	3,695	1/4	4,796	1/4		1/4		1/4		1/4		1/4	
1/2	413	1/2	1,515	1/2	2,616	1/2	3,717	1/2	4,819	1/2		1/2		1/2		1/2		1/2	
3/4	436	3/4	1,537	3/4	2,639	3/4	3,740	3/4	4,842	3/4		3/4		3/4		3/4		3/4	
5	459	5	1,560	5	2,662	5	3,763	5	4,865	5		5		5		5		5	
1/4	482	1/4	1,583	1/4	2,685	1/4	3,786	1/4	4,888	1/4		1/4		1/4		1/4		1/4	
1/2	505	1/2	1,606	1/2	2,708	1/2	3,809	1/2	4,911	1/2		1/2		1/2		1/2		1/2	
3/4	528	3/4	1,629	3/4	2,731	3/4	3,832	3/4	4,934	3/4		3/4		3/4		3/4		3/4	
6	551	6	1,652	6	2,754	6	3,855	6	4,957	6		6		6		6		6	
1/4	574	1/4	1,675	1/4	2,777	1/4	3,878	1/4	4,980	1/4		1/4		1/4		1/4		1/4	
1/2	597	1/2	1,698	1/2	2,800	1/2	3,901	1/2	5,003	1/2		1/2		1/2		1/2		1/2	
3/4	620	3/4	1,721	3/4	2,823	3/4	3,924	3/4	5,025	3/4		3/4		3/4		3/4		3/4	
7	643	7	1,744	7	2,845	7	3,947	7	5,048	7		7		7		7		7	
1/4	665	1/4	1,767	1/4	2,868	1/4	3,970	1/4	5,071	1/4		1/4		1/4		1/4		1/4	
1/2	688	1/2	1,790	1/2	2,891	1/2	3,993	1/2	5,094	1/2		1/2		1/2		1/2		1/2	
3/4	711	3/4	1,813	3/4	2,914	3/4	4,016	3/4	5,117	3/4		3/4		3/4		3/4		3/4	
8	734	8	1,836	8	2,937	8	4,039	8	5,140	8		8		8		8		8	
1/4	757	1/4	1,859	1/4	2,960	1/4	4,062	1/4	5,163	1/4		1/4		1/4		1/4		1/4	
1/2	780	1/2	1,882	1/2	2,983	1/2	4,085	1/2	5,186	1/2		1/2		1/2		1/2		1/2	
3/4	803	3/4	1,905	3/4	3,006	3/4	4,108	3/4	5,209	3/4		3/4		3/4		3/4		3/4	
9	826	9	1,928	9	3,029	9	4,131	9	5,232	9		9		9		9		9	
1/4	849	1/4	1,951	1/4	3,052	1/4	4,153	1/4	5,255	1/4		1/4		1/4		1/4		1/4	
1/2	872	1/2	1,973	1/2	3,075	1/2	4,176	1/2	5,278	1/2		1/2		1/2		1/2		1/2	
3/4	895	3/4	1,996	3/4	3,098	3/4	4,199	3/4	5,301	3/4		3/4		3/4		3/4		3/4	
10	918	10	2,019	10	3,121	10	4,222	10	5,324	10		10		10		10		10	
1/4	941	1/4	2,042	1/4	3,144	1/4	4,245	1/4	5,347	1/4		1/4		1/4		1/4		1/4	
1/2	964	1/2	2,065	1/2	3,167	1/2	4,268	1/2	5,370	1/2		1/2		1/2		1/2		1/2	
3/4	987	3/4	2,088	3/4	3,190	3/4	4,291	3/4	5,393	3/4		3/4		3/4		3/4		3/4	
11	1,010	11	2,111	11	3,213	11	4,314	11	5,416	11		11		11		11		11	
1/4	1,033	1/4	2,134	1/4	3,236	1/4	4,337	1/4	5,439	1/4		1/4		1/4		1/4		1/4	
1/2	1,056	1/2	2,157	1/2	3,259	1/2	4,360	1/2	5,461	1/2		1/2		1/2		1/2		1/2	
3/4	1,079	3/4	2,180	3/4	3,281	3/4	4,383	3/4	5,484	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.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 2" DIAMETER "HERMETIC" VALVE.

STRAPPED: 07/08/2020 CL
 CALCULATED: 07/08/2020 CL
 PRINTED: 07/09/2020 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2020

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 3308"

formerly the
BARGE "FMT 3308"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-07 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	1,101	0	2,203	0	3,304	0	4,406	0	5,507	0		0		0		0	
1/4	23	1/4	1,124	1/4	2,226	1/4	3,327	1/4	4,429	1/4	5,530	1/4		1/4		1/4		1/4	
1/2	46	1/2	1,147	1/2	2,249	1/2	3,350	1/2	4,452	1/2	5,553	1/2		1/2		1/2		1/2	
3/4	69	3/4	1,170	3/4	2,272	3/4	3,373	3/4	4,475	3/4		3/4		3/4		3/4		3/4	
1	92	1	1,193	1	2,295	1	3,396	1	4,498	1		1		1		1		1	
1/4	115	1/4	1,216	1/4	2,318	1/4	3,419	1/4	4,521	1/4		1/4		1/4		1/4		1/4	
1/2	138	1/2	1,239	1/2	2,341	1/2	3,442	1/2	4,544	1/2		1/2		1/2		1/2		1/2	
3/4	161	3/4	1,262	3/4	2,364	3/4	3,465	3/4	4,567	3/4		3/4		3/4		3/4		3/4	
2	184	2	1,285	2	2,387	2	3,488	2	4,589	2		2		2		2		2	
1/4	207	1/4	1,308	1/4	2,409	1/4	3,511	1/4	4,612	1/4		1/4		1/4		1/4		1/4	
1/2	229	1/2	1,331	1/2	2,432	1/2	3,534	1/2	4,635	1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	1,354	3/4	2,455	3/4	3,557	3/4	4,658	3/4		3/4		3/4		3/4		3/4	
3	275	3	1,377	3	2,478	3	3,580	3	4,681	3		3		3		3		3	
1/4	298	1/4	1,400	1/4	2,501	1/4	3,603	1/4	4,704	1/4		1/4		1/4		1/4		1/4	
1/2	321	1/2	1,423	1/2	2,524	1/2	3,626	1/2	4,727	1/2		1/2		1/2		1/2		1/2	
3/4	344	3/4	1,446	3/4	2,547	3/4	3,649	3/4	4,750	3/4		3/4		3/4		3/4		3/4	
4	367	4	1,469	4	2,570	4	3,672	4	4,773	4		4		4		4		4	
1/4	390	1/4	1,492	1/4	2,593	1/4	3,695	1/4	4,796	1/4		1/4		1/4		1/4		1/4	
1/2	413	1/2	1,515	1/2	2,616	1/2	3,717	1/2	4,819	1/2		1/2		1/2		1/2		1/2	
3/4	436	3/4	1,537	3/4	2,639	3/4	3,740	3/4	4,842	3/4		3/4		3/4		3/4		3/4	
5	459	5	1,560	5	2,662	5	3,763	5	4,865	5		5		5		5		5	
1/4	482	1/4	1,583	1/4	2,685	1/4	3,786	1/4	4,888	1/4		1/4		1/4		1/4		1/4	
1/2	505	1/2	1,606	1/2	2,708	1/2	3,809	1/2	4,911	1/2		1/2		1/2		1/2		1/2	
3/4	528	3/4	1,629	3/4	2,731	3/4	3,832	3/4	4,934	3/4		3/4		3/4		3/4		3/4	
6	551	6	1,652	6	2,754	6	3,855	6	4,957	6		6		6		6		6	
1/4	574	1/4	1,675	1/4	2,777	1/4	3,878	1/4	4,980	1/4		1/4		1/4		1/4		1/4	
1/2	597	1/2	1,698	1/2	2,800	1/2	3,901	1/2	5,003	1/2		1/2		1/2		1/2		1/2	
3/4	620	3/4	1,721	3/4	2,823	3/4	3,924	3/4	5,026	3/4		3/4		3/4		3/4		3/4	
7	643	7	1,744	7	2,845	7	3,947	7	5,048	7		7		7		7		7	
1/4	665	1/4	1,767	1/4	2,868	1/4	3,970	1/4	5,071	1/4		1/4		1/4		1/4		1/4	
1/2	688	1/2	1,790	1/2	2,891	1/2	3,993	1/2	5,094	1/2		1/2		1/2		1/2		1/2	
3/4	711	3/4	1,813	3/4	2,914	3/4	4,016	3/4	5,117	3/4		3/4		3/4		3/4		3/4	
8	734	8	1,836	8	2,937	8	4,039	8	5,140	8		8		8		8		8	
1/4	757	1/4	1,859	1/4	2,960	1/4	4,062	1/4	5,163	1/4		1/4		1/4		1/4		1/4	
1/2	780	1/2	1,882	1/2	2,983	1/2	4,085	1/2	5,186	1/2		1/2		1/2		1/2		1/2	
3/4	803	3/4	1,905	3/4	3,006	3/4	4,108	3/4	5,209	3/4		3/4		3/4		3/4		3/4	
9	826	9	1,928	9	3,029	9	4,131	9	5,232	9		9		9		9		9	
1/4	849	1/4	1,951	1/4	3,052	1/4	4,153	1/4	5,255	1/4		1/4		1/4		1/4		1/4	
1/2	872	1/2	1,973	1/2	3,075	1/2	4,176	1/2	5,278	1/2		1/2		1/2		1/2		1/2	
3/4	895	3/4	1,996	3/4	3,098	3/4	4,199	3/4	5,301	3/4		3/4		3/4		3/4		3/4	
10	918	10	2,019	10	3,121	10	4,222	10	5,324	10		10		10		10		10	
1/4	941	1/4	2,042	1/4	3,144	1/4	4,245	1/4	5,347	1/4		1/4		1/4		1/4		1/4	
1/2	964	1/2	2,065	1/2	3,167	1/2	4,268	1/2	5,370	1/2		1/2		1/2		1/2		1/2	
3/4	987	3/4	2,088	3/4	3,190	3/4	4,291	3/4	5,393	3/4		3/4		3/4		3/4		3/4	
11	1,010	11	2,111	11	3,213	11	4,314	11	5,416	11		11		11		11		11	
1/4	1,033	1/4	2,134	1/4	3,236	1/4	4,337	1/4	5,439	1/4		1/4		1/4		1/4		1/4	
1/2	1,056	1/2	2,157	1/2	3,259	1/2	4,360	1/2	5,461	1/2		1/2		1/2		1/2		1/2	
3/4	1,079	3/4	2,180	3/4	3,281	3/4	4,383	3/4	5,484	3/4		3/4		3/4		3/4		3/4	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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 3308"
formerly the
BARGE "FMT 3308"

**FUEL TANK
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-06 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	101	0	259	0	416	0	517	0		0		0		0		0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1	1	1	1	1	1	1	1	1	1	1	1
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2	2	2	2	2	2	2	2	2	2	2	2
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3	3	3	3	3	3	3	3	3	3	3	3
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4	4	4	4	4	4	4	4	4	4	4	4
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5	5	5	5	5	5	5	5	5	5	5	5
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6	6	6	6	6	6	6	6	6	6	6	6
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7	7	7	7	7	7	7	7	7	7	7	7
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8	8	8	8	8	8	8	8	8	8	8	8
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9	9	9	9	9	9	9	9	9	9	9	9
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10	10	10	10	10	10	10	10	10	10	10	10
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11	11	11	11	11	11	11	11	11	11	11	11
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	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.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" STANDPIPE

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

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 3308"

formerly the

BARGE "FMT 3308"

INNAGE (HERMETIC)



	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	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	00-0/8	- 00-0/8	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	00-0/8	- 00-0/8	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 = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 8, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

1 PORT
INNAGE TABLE

HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.65	0	290.83	0	625.34	0	966.27	0	1,308.17	0	1,650.91	0	1,993.64	0	2,336.37	0	2,679.10	0	3,021.80
1/4	17.57	1/4	297.43	1/4	632.48	1/4	973.35	1/4	1,315.31	1/4	1,658.05	1/4	2,000.78	1/4	2,343.51	1/4	2,686.24	1/4	3,028.94
1/2	20.48	1/2	304.03	1/2	639.62	1/2	980.43	1/2	1,322.45	1/2	1,665.19	1/2	2,007.92	1/2	2,350.66	1/2	2,693.38	1/2	3,036.07
3/4	23.40	3/4	310.62	3/4	646.76	3/4	987.51	3/4	1,329.59	3/4	1,672.33	3/4	2,015.06	3/4	2,357.80	3/4	2,700.52	3/4	3,043.21
1	26.32	1	317.22	1	653.90	1	994.59	1	1,336.73	1	1,679.47	1	2,022.20	1	2,364.94	1	2,707.66	1	3,050.35
1/4	31.11	1/4	323.90	1/4	661.04	1/4	1,001.67	1/4	1,343.87	1/4	1,686.61	1/4	2,029.34	1/4	2,372.08	1/4	2,714.80	1/4	3,057.49
1/2	35.89	1/2	330.58	1/2	668.18	1/2	1,008.74	1/2	1,351.01	1/2	1,693.75	1/2	2,036.48	1/2	2,379.22	1/2	2,721.94	1/2	3,064.62
3/4	40.68	3/4	337.27	3/4	675.32	3/4	1,015.82	3/4	1,358.15	3/4	1,700.89	3/4	2,043.62	3/4	2,386.36	3/4	2,729.08	3/4	3,071.76
2	45.47	2	343.95	2	682.46	2	1,022.90	2	1,365.29	2	1,708.03	2	2,050.76	2	2,393.50	2	2,736.22	2	3,078.90
1/4	51.19	1/4	350.71	1/4	689.60	1/4	1,029.99	1/4	1,372.43	1/4	1,715.17	1/4	2,057.90	1/4	2,400.64	1/4	2,743.36	1/4	3,086.04
1/2	56.92	1/2	357.48	1/2	696.74	1/2	1,037.08	1/2	1,379.57	1/2	1,722.31	1/2	2,065.04	1/2	2,407.78	1/2	2,750.50	1/2	3,093.18
3/4	62.65	3/4	364.24	3/4	703.88	3/4	1,044.17	3/4	1,386.71	3/4	1,729.45	3/4	2,072.18	3/4	2,414.92	3/4	2,757.64	3/4	3,100.31
3	68.38	3	371.01	3	711.02	3	1,051.26	3	1,393.85	3	1,736.59	3	2,079.32	3	2,422.06	3	2,764.78	3	3,107.45
1/4	74.21	1/4	377.85	1/4	718.16	1/4	1,058.36	1/4	1,401.00	1/4	1,743.73	1/4	2,086.46	1/4	2,429.20	1/4	2,771.92	1/4	3,114.59
1/2	80.05	1/2	384.70	1/2	725.30	1/2	1,065.47	1/2	1,408.14	1/2	1,750.87	1/2	2,093.60	1/2	2,436.34	1/2	2,779.06	1/2	3,121.73
3/4	85.88	3/4	391.55	3/4	732.44	3/4	1,072.58	3/4	1,415.28	3/4	1,758.01	3/4	2,100.74	3/4	2,443.48	3/4	2,786.20	3/4	3,128.87
4	91.72	4	398.40	4	739.58	4	1,079.68	4	1,422.42	4	1,765.15	4	2,107.88	4	2,450.62	4	2,793.34	4	3,136.00
1/4	97.65	1/4	405.33	1/4	746.68	1/4	1,086.82	1/4	1,429.56	1/4	1,772.29	1/4	2,115.03	1/4	2,457.76	1/4	2,800.48	1/4	3,143.14
1/2	103.58	1/2	412.26	1/2	753.79	1/2	1,093.96	1/2	1,436.70	1/2	1,779.43	1/2	2,122.17	1/2	2,464.90	1/2	2,807.62	1/2	3,150.28
3/4	109.51	3/4	419.19	3/4	760.89	3/4	1,101.10	3/4	1,443.84	3/4	1,786.57	3/4	2,129.31	3/4	2,472.04	3/4	2,814.76	3/4	3,157.42
5	115.44	5	426.12	5	768.00	5	1,108.24	5	1,450.98	5	1,793.71	5	2,136.45	5	2,479.18	5	2,821.90	5	3,164.56
1/4	121.45	1/4	433.13	1/4	775.09	1/4	1,115.38	1/4	1,458.12	1/4	1,800.85	1/4	2,143.59	1/4	2,486.32	1/4	2,829.03	1/4	3,171.69
1/2	127.46	1/2	440.14	1/2	782.18	1/2	1,122.52	1/2	1,465.26	1/2	1,807.99	1/2	2,150.73	1/2	2,493.46	1/2	2,836.17	1/2	3,178.83
3/4	133.48	3/4	447.15	3/4	789.26	3/4	1,129.66	3/4	1,472.40	3/4	1,815.13	3/4	2,157.87	3/4	2,500.60	3/4	2,843.31	3/4	3,185.97
6	139.49	6	454.16	6	796.35	6	1,136.80	6	1,479.54	6	1,822.27	6	2,165.01	6	2,507.74	6	2,850.45	6	3,193.11
1/4	145.59	1/4	461.26	1/4	803.43	1/4	1,143.94	1/4	1,486.68	1/4	1,829.41	1/4	2,172.15	1/4	2,514.88	1/4	2,857.59	1/4	3,200.24
1/2	151.69	1/2	468.35	1/2	810.51	1/2	1,151.08	1/2	1,493.82	1/2	1,836.55	1/2	2,179.29	1/2	2,522.02	1/2	2,864.73	1/2	3,207.38
3/4	157.78	3/4	475.44	3/4	817.59	3/4	1,158.23	3/4	1,500.96	3/4	1,843.69	3/4	2,186.43	3/4	2,529.16	3/4	2,871.87	3/4	3,214.52
7	163.88	7	482.54	7	824.67	7	1,165.37	7	1,508.10	7	1,850.83	7	2,193.57	7	2,536.30	7	2,879.01	7	3,221.66
1/4	170.06	1/4	489.68	1/4	831.75	1/4	1,172.51	1/4	1,515.24	1/4	1,857.97	1/4	2,200.71	1/4	2,543.44	1/4	2,886.15	1/4	3,228.80
1/2	176.24	1/2	496.82	1/2	838.83	1/2	1,179.65	1/2	1,522.38	1/2	1,865.11	1/2	2,207.85	1/2	2,550.58	1/2	2,893.29	1/2	3,235.93
3/4	182.42	3/4	503.96	3/4	845.91	3/4	1,186.79	3/4	1,529.52	3/4	1,872.26	3/4	2,214.99	3/4	2,557.72	3/4	2,900.43	3/4	3,243.07
8	188.60	8	511.10	8	852.99	8	1,193.93	8	1,536.66	8	1,879.40	8	2,222.13	8	2,564.86	8	2,907.57	8	3,250.21
1/4	194.87	1/4	518.24	1/4	860.07	1/4	1,201.07	1/4	1,543.80	1/4	1,886.54	1/4	2,229.27	1/4	2,572.00	1/4	2,914.71	1/4	3,257.35
1/2	201.13	1/2	525.38	1/2	867.15	1/2	1,208.21	1/2	1,550.94	1/2	1,893.68	1/2	2,236.41	1/2	2,579.14	1/2	2,921.85	1/2	3,264.49
3/4	207.40	3/4	532.52	3/4	874.23	3/4	1,215.35	3/4	1,558.08	3/4	1,900.82	3/4	2,243.55	3/4	2,586.29	3/4	2,928.99	3/4	3,271.62
9	213.66	9	539.66	9	881.31	9	1,222.49	9	1,565.22	9	1,907.96	9	2,250.69	9	2,593.43	9	2,936.13	9	3,278.76
1/4	220.01	1/4	546.80	1/4	888.39	1/4	1,229.63	1/4	1,572.36	1/4	1,915.10	1/4	2,257.83	1/4	2,600.57	1/4	2,943.27	1/4	3,285.90
1/2	226.35	1/2	553.94	1/2	895.47	1/2	1,236.77	1/2	1,579.50	1/2	1,922.24	1/2	2,264.97	1/2	2,607.71	1/2	2,950.41	1/2	3,293.04
3/4	232.70	3/4	561.08	3/4	902.55	3/4	1,243.91	3/4	1,586.64	3/4	1,929.38	3/4	2,272.11	3/4	2,614.85	3/4	2,957.55	3/4	3,300.18
10	239.05	10	568.22	10	909.63	10	1,251.05	10	1,593.78	10	1,936.52	10	2,279.25	10	2,621.99	10	2,964.69	10	3,307.31
1/4	245.48	1/4	575.36	1/4	916.71	1/4	1,258.19	1/4	1,600.92	1/4	1,943.66	1/4	2,286.39	1/4	2,629.13	1/4	2,971.83	1/4	3,314.45
1/2	251.91	1/2	582.50	1/2	923.79	1/2	1,265.33	1/2	1,608.06	1/2	1,950.80	1/2	2,293.53	1/2	2,636.27	1/2	2,978.97	1/2	3,321.59
3/4	258.34	3/4	589.64	3/4	930.87	3/4	1,272.47	3/4	1,615.20	3/4	1,957.94	3/4	2,300.67	3/4	2,643.41	3/4	2,986.11	3/4	3,328.73
11	264.77	11	596.78	11	937.95	11	1,279.61	11	1,622.34	11	1,965.08	11	2,307.81	11	2,650.54	11	2,993.25	11	3,335.86
1/4	271.29	1/4	603.92	1/4	945.03	1/4	1,286.75	1/4	1,629.48	1/4	1,972.22	1/4	2,314.95	1/4	2,657.68	1/4	3,000.38	1/4	3,343.00
1/2	277.80	1/2	611.06	1/2	952.11	1/2	1,293.89	1/2	1,636.63	1/2	1,979.36	1/2	2,322.09	1/2	2,664.82	1/2	3,007.52	1/2	3,350.14
3/4	284.32	3/4	618.20	3/4	959.19	3/4	1,301.03	3/4	1,643.77	3/4	1,986.50	3/4	2,329.23	3/4	2,671.96	3/4	3,014.66	3/4	3,357.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

1 PORT
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,364.42	0	3,707.06	0	4,049.76	0	4,391.82	0	4,732.97	0		0		0		0		0	
1/4	3,371.55	1/4	3,714.20	1/4	4,056.90	1/4	4,398.93	1/4	4,740.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,378.69	1/2	3,721.34	1/2	4,064.04	1/2	4,406.04	1/2	4,747.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,385.83	3/4	3,728.48	3/4	4,071.18	3/4	4,413.14	3/4	4,754.29	3/4		3/4		3/4		3/4		3/4	
1	3,392.97	1	3,735.62	1	4,078.32	1	4,420.25	1	4,761.40	1		1		1		1		1	
1/4	3,400.11	1/4	3,742.76	1/4	4,085.46	1/4	4,427.36	1/4	4,768.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,407.24	1/2	3,749.90	1/2	4,092.60	1/2	4,434.46	1/2	4,775.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,414.38	3/4	3,757.04	3/4	4,099.74	3/4	4,441.57	3/4	4,782.72	3/4		3/4		3/4		3/4		3/4	
2	3,421.52	2	3,764.17	2	4,106.88	2	4,448.68	2	4,789.83	2		2		2		2		2	
1/4	3,428.66	1/4	3,771.31	1/4	4,114.02	1/4	4,455.79	1/4	4,796.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,435.80	1/2	3,778.45	1/2	4,121.16	1/2	4,462.89	1/2	4,804.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,442.93	3/4	3,785.59	3/4	4,128.30	3/4	4,470.00	3/4	4,811.15	3/4		3/4		3/4		3/4		3/4	
3	3,450.07	3	3,792.73	3	4,135.44	3	4,477.11	3	4,818.26	3		3		3		3		3	
1/4	3,457.21	1/4	3,799.87	1/4	4,142.58	1/4	4,484.22	1/4	4,825.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,464.35	1/2	3,807.01	1/2	4,149.72	1/2	4,491.32	1/2	4,832.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,471.49	3/4	3,814.15	3/4	4,156.86	3/4	4,498.43	3/4	4,839.44	3/4		3/4		3/4		3/4		3/4	
4	3,478.62	4	3,821.29	4	4,164.00	4	4,505.54	4	4,846.51	4		4		4		4		4	
1/4	3,485.76	1/4	3,828.43	1/4	4,171.14	1/4	4,512.64	1/4	4,853.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,492.90	1/2	3,835.57	1/2	4,178.28	1/2	4,519.75	1/2	4,860.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,500.04	3/4	3,842.71	3/4	4,185.42	3/4	4,526.86	3/4	4,867.69	3/4		3/4		3/4		3/4		3/4	
5	3,507.17	5	3,849.85	5	4,192.56	5	4,533.97	5	4,874.75	5		5		5		5		5	
1/4	3,514.31	1/4	3,856.99	1/4	4,199.70	1/4	4,541.07	1/4	4,881.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,521.45	1/2	3,864.13	1/2	4,206.84	1/2	4,548.18	1/2	4,888.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,528.59	3/4	3,871.27	3/4	4,213.98	3/4	4,555.29	3/4	4,895.94	3/4		3/4		3/4		3/4		3/4	
6	3,535.73	6	3,878.41	6	4,221.12	6	4,562.40	6	4,903.00	6		6		6		6		6	
1/4	3,542.86	1/4	3,885.55	1/4	4,228.26	1/4	4,569.50	1/4	4,910.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,550.00	1/2	3,892.69	1/2	4,235.40	1/2	4,576.61	1/2	4,917.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,557.14	3/4	3,899.83	3/4	4,242.53	3/4	4,583.72	3/4	4,924.15	3/4		3/4		3/4		3/4		3/4	
7	3,564.28	7	3,906.97	7	4,249.67	7	4,590.82	7	4,931.19	7		7		7		7		7	
1/4	3,571.42	1/4	3,914.11	1/4	4,256.78	1/4	4,597.93	1/4	4,938.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.55	1/2	3,921.25	1/2	4,263.89	1/2	4,605.04	1/2	4,945.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.69	3/4	3,928.39	3/4	4,271.00	3/4	4,612.15	3/4	4,952.17	3/4		3/4		3/4		3/4		3/4	
8	3,592.83	8	3,935.53	8	4,278.10	8	4,619.25	8	4,959.17	8		8		8		8		8	
1/4	3,599.97	1/4	3,942.67	1/4	4,285.21	1/4	4,626.36	1/4	4,965.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,607.11	1/2	3,949.81	1/2	4,292.32	1/2	4,633.47	1/2	4,971.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,614.24	3/4	3,956.95	3/4	4,299.43	3/4	4,640.58	3/4	4,977.68	3/4		3/4		3/4		3/4		3/4	
9	3,621.38	9	3,964.09	9	4,306.53	9	4,647.68	9	4,983.85	9		9		9		9		9	
1/4	3,628.52	1/4	3,971.23	1/4	4,313.64	1/4	4,654.79	1/4	4,988.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.66	1/2	3,978.37	1/2	4,320.75	1/2	4,661.90	1/2	4,993.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.80	3/4	3,985.51	3/4	4,327.85	3/4	4,669.01	3/4	4,998.79	3/4		3/4		3/4		3/4		3/4	
10	3,649.94	10	3,992.65	10	4,334.96	10	4,676.11	10	5,003.77	10		10		10		10		10	
1/4	3,657.08	1/4	3,999.79	1/4	4,342.07	1/4	4,683.22	1/4	5,007.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,664.22	1/2	4,006.92	1/2	4,349.18	1/2	4,690.33	1/2	5,011.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.36	3/4	4,014.06	3/4	4,356.28	3/4	4,697.43	3/4	5,015.13	3/4		3/4		3/4		3/4		3/4	
11	3,678.50	11	4,021.20	11	4,363.39	11	4,704.54	11	5,018.92	11		11		11		11		11	
1/4	3,685.64	1/4	4,028.34	1/4	4,370.50	1/4	4,711.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,692.78	1/2	4,035.48	1/2	4,377.61	1/2	4,718.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.92	3/4	4,042.62	3/4	4,384.71	3/4	4,725.86	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

1 STBD
INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.65	0	290.90	0	625.56	0	968.20	0	1,310.99	0	1,653.86	0	1,996.72	0	2,339.58	0	2,682.44	0	3,025.27
1/4	17.57	1/4	297.50	1/4	632.71	1/4	975.34	1/4	1,318.14	1/4	1,661.00	1/4	2,003.86	1/4	2,346.73	1/4	2,689.59	1/4	3,032.41
1/2	20.49	1/2	304.10	1/2	639.85	1/2	982.47	1/2	1,325.28	1/2	1,668.14	1/2	2,011.01	1/2	2,353.87	1/2	2,696.73	1/2	3,039.55
3/4	23.41	3/4	310.70	3/4	646.99	3/4	989.61	3/4	1,332.42	3/4	1,675.29	3/4	2,018.15	3/4	2,361.01	3/4	2,703.87	3/4	3,046.69
1	26.33	1	317.30	1	654.13	1	996.74	1	1,339.56	1	1,682.43	1	2,025.29	1	2,368.16	1	2,711.01	1	3,053.83
1/4	31.11	1/4	323.98	1/4	661.28	1/4	1,003.87	1/4	1,346.71	1/4	1,689.57	1/4	2,032.44	1/4	2,375.30	1/4	2,718.15	1/4	3,060.97
1/2	35.90	1/2	330.67	1/2	668.42	1/2	1,011.01	1/2	1,353.85	1/2	1,696.71	1/2	2,039.58	1/2	2,382.44	1/2	2,725.30	1/2	3,068.11
3/4	40.69	3/4	337.35	3/4	675.56	3/4	1,018.14	3/4	1,360.99	3/4	1,703.86	3/4	2,046.72	3/4	2,389.59	3/4	2,732.44	3/4	3,075.25
2	45.47	2	344.03	2	682.71	2	1,025.28	2	1,368.14	2	1,711.00	2	2,053.86	2	2,396.73	2	2,739.58	2	3,082.39
1/4	51.20	1/4	350.80	1/4	689.85	1/4	1,032.42	1/4	1,375.28	1/4	1,718.14	1/4	2,061.01	1/4	2,403.87	1/4	2,746.72	1/4	3,089.53
1/2	56.93	1/2	357.57	1/2	696.99	1/2	1,039.56	1/2	1,382.42	1/2	1,725.29	1/2	2,068.15	1/2	2,411.01	1/2	2,753.87	1/2	3,096.67
3/4	62.66	3/4	364.33	3/4	704.13	3/4	1,046.70	3/4	1,389.57	3/4	1,732.43	3/4	2,075.29	3/4	2,418.16	3/4	2,761.01	3/4	3,103.81
3	68.39	3	371.10	3	711.28	3	1,053.84	3	1,396.71	3	1,739.57	3	2,082.44	3	2,425.30	3	2,768.15	3	3,110.95
1/4	74.22	1/4	377.95	1/4	718.42	1/4	1,060.99	1/4	1,403.85	1/4	1,746.72	1/4	2,089.58	1/4	2,432.44	1/4	2,775.29	1/4	3,118.09
1/2	80.06	1/2	384.80	1/2	725.56	1/2	1,068.13	1/2	1,410.99	1/2	1,753.86	1/2	2,096.72	1/2	2,439.59	1/2	2,782.44	1/2	3,125.24
3/4	85.90	3/4	391.65	3/4	732.70	3/4	1,075.27	3/4	1,418.14	3/4	1,761.00	3/4	2,103.87	3/4	2,446.73	3/4	2,789.58	3/4	3,132.38
4	91.74	4	398.50	4	739.85	4	1,082.42	4	1,425.28	4	1,768.14	4	2,111.01	4	2,453.87	4	2,796.72	4	3,139.52
1/4	97.67	1/4	405.43	1/4	746.99	1/4	1,089.56	1/4	1,432.42	1/4	1,775.29	1/4	2,118.15	1/4	2,461.02	1/4	2,803.86	1/4	3,146.66
1/2	103.60	1/2	412.37	1/2	754.13	1/2	1,096.70	1/2	1,439.57	1/2	1,782.43	1/2	2,125.29	1/2	2,468.16	1/2	2,811.00	1/2	3,153.80
3/4	109.53	3/4	419.30	3/4	761.28	3/4	1,103.85	3/4	1,446.71	3/4	1,789.57	3/4	2,132.44	3/4	2,475.30	3/4	2,818.15	3/4	3,160.94
5	115.46	5	426.24	5	768.42	5	1,110.99	5	1,453.85	5	1,796.72	5	2,139.58	5	2,482.44	5	2,825.29	5	3,168.08
1/4	121.47	1/4	433.25	1/4	775.56	1/4	1,118.13	1/4	1,461.00	1/4	1,803.86	1/4	2,146.72	1/4	2,489.59	1/4	2,832.43	1/4	3,175.22
1/2	127.49	1/2	440.27	1/2	782.70	1/2	1,125.27	1/2	1,468.14	1/2	1,811.00	1/2	2,153.87	1/2	2,496.73	1/2	2,839.57	1/2	3,182.36
3/4	133.50	3/4	447.29	3/4	789.85	3/4	1,132.42	3/4	1,475.28	3/4	1,818.15	3/4	2,161.01	3/4	2,503.87	3/4	2,846.72	3/4	3,189.50
6	139.52	6	454.31	6	796.99	6	1,139.56	6	1,482.42	6	1,825.29	6	2,168.15	6	2,511.02	6	2,853.86	6	3,196.64
1/4	145.62	1/4	461.41	1/4	804.12	1/4	1,146.70	1/4	1,489.57	1/4	1,832.43	1/4	2,175.30	1/4	2,518.16	1/4	2,861.00	1/4	3,203.78
1/2	151.72	1/2	468.51	1/2	811.26	1/2	1,153.85	1/2	1,496.71	1/2	1,839.57	1/2	2,182.44	1/2	2,525.30	1/2	2,868.14	1/2	3,210.92
3/4	157.82	3/4	475.61	3/4	818.39	3/4	1,160.99	3/4	1,503.85	3/4	1,846.72	3/4	2,189.58	3/4	2,532.45	3/4	2,875.29	3/4	3,218.06
7	163.91	7	482.71	7	825.52	7	1,168.13	7	1,511.00	7	1,853.86	7	2,196.72	7	2,539.59	7	2,882.43	7	3,225.20
1/4	170.10	1/4	489.85	1/4	832.66	1/4	1,175.28	1/4	1,518.14	1/4	1,861.00	1/4	2,203.87	1/4	2,546.73	1/4	2,889.57	1/4	3,232.34
1/2	176.28	1/2	497.00	1/2	839.79	1/2	1,182.42	1/2	1,525.28	1/2	1,868.15	1/2	2,211.01	1/2	2,553.87	1/2	2,896.71	1/2	3,239.48
3/4	182.46	3/4	504.14	3/4	846.93	3/4	1,189.56	3/4	1,532.43	3/4	1,875.29	3/4	2,218.15	3/4	2,561.02	3/4	2,903.85	3/4	3,246.63
8	188.64	8	511.28	8	854.06	8	1,196.70	8	1,539.57	8	1,882.43	8	2,225.30	8	2,568.16	8	2,911.00	8	3,253.77
1/4	194.91	1/4	518.42	1/4	861.19	1/4	1,203.85	1/4	1,546.71	1/4	1,889.58	1/4	2,232.44	1/4	2,575.30	1/4	2,918.14	1/4	3,260.91
1/2	201.17	1/2	525.57	1/2	868.33	1/2	1,210.99	1/2	1,553.85	1/2	1,896.72	1/2	2,239.58	1/2	2,582.45	1/2	2,925.28	1/2	3,268.05
3/4	207.44	3/4	532.71	3/4	875.46	3/4	1,218.13	3/4	1,561.00	3/4	1,903.86	3/4	2,246.73	3/4	2,589.59	3/4	2,932.42	3/4	3,275.19
9	213.71	9	539.85	9	882.59	9	1,225.28	9	1,568.14	9	1,911.00	9	2,253.87	9	2,596.73	9	2,939.57	9	3,282.33
1/4	220.06	1/4	546.99	1/4	889.73	1/4	1,232.42	1/4	1,575.28	1/4	1,918.15	1/4	2,261.01	1/4	2,603.88	1/4	2,946.71	1/4	3,289.47
1/2	226.40	1/2	554.14	1/2	896.86	1/2	1,239.56	1/2	1,582.43	1/2	1,925.29	1/2	2,268.15	1/2	2,611.02	1/2	2,953.85	1/2	3,296.61
3/4	232.75	3/4	561.28	3/4	904.00	3/4	1,246.71	3/4	1,589.57	3/4	1,932.43	3/4	2,275.30	3/4	2,618.16	3/4	2,960.99	3/4	3,303.75
10	239.10	10	568.42	10	911.13	10	1,253.85	10	1,596.71	10	1,939.58	10	2,282.44	10	2,625.30	10	2,968.14	10	3,310.89
1/4	245.54	1/4	575.57	1/4	918.27	1/4	1,260.99	1/4	1,603.86	1/4	1,946.72	1/4	2,289.58	1/4	2,632.45	1/4	2,975.28	1/4	3,318.03
1/2	251.97	1/2	582.71	1/2	925.40	1/2	1,268.13	1/2	1,611.00	1/2	1,953.86	1/2	2,296.73	1/2	2,639.59	1/2	2,982.42	1/2	3,325.17
3/4	258.40	3/4	589.85	3/4	932.53	3/4	1,275.28	3/4	1,618.14	3/4	1,961.01	3/4	2,303.87	3/4	2,646.73	3/4	2,989.56	3/4	3,332.31
11	264.83	11	596.99	11	939.67	11	1,282.42	11	1,625.28	11	1,968.15	11	2,311.01	11	2,653.87	11	2,996.70	11	3,339.45
1/4	271.35	1/4	604.14	1/4	946.80	1/4	1,289.56	1/4	1,632.43	1/4	1,975.29	1/4	2,318.16	1/4	2,661.02	1/4	3,003.85	1/4	3,346.59
1/2	277.87	1/2	611.28	1/2	953.94	1/2	1,296.71	1/2	1,639.57	1/2	1,982.43	1/2	2,325.30	1/2	2,668.16	1/2	3,010.99	1/2	3,353.73
3/4	284.38	3/4	618.42	3/4	961.07	3/4	1,303.85	3/4	1,646.71	3/4	1,989.58	3/4	2,332.44	3/4	2,675.30	3/4	3,018.13	3/4	3,360.88

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

1 STBD
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,368.02	0	3,710.79	0	4,053.62	0	4,395.81	0	4,737.08	0		0		0		0		0	
1/4	3,375.16	1/4	3,717.93	1/4	4,060.76	1/4	4,402.92	1/4	4,744.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,382.30	1/2	3,725.07	1/2	4,067.91	1/2	4,410.03	1/2	4,751.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,389.44	3/4	3,732.21	3/4	4,075.05	3/4	4,417.14	3/4	4,758.41	3/4		3/4		3/4		3/4		3/4	
1	3,396.58	1	3,739.36	1	4,082.19	1	4,424.25	1	4,765.52	1		1		1		1		1	
1/4	3,403.72	1/4	3,746.50	1/4	4,089.33	1/4	4,431.36	1/4	4,772.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,410.86	1/2	3,753.64	1/2	4,096.48	1/2	4,438.47	1/2	4,779.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,418.00	3/4	3,760.78	3/4	4,103.62	3/4	4,445.58	3/4	4,786.85	3/4		3/4		3/4		3/4		3/4	
2	3,425.14	2	3,767.93	2	4,110.76	2	4,452.69	2	4,793.96	2		2		2		2		2	
1/4	3,432.28	1/4	3,775.07	1/4	4,117.90	1/4	4,459.80	1/4	4,801.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,439.42	1/2	3,782.21	1/2	4,125.05	1/2	4,466.91	1/2	4,808.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,446.56	3/4	3,789.35	3/4	4,132.19	3/4	4,474.02	3/4	4,815.29	3/4		3/4		3/4		3/4		3/4	
3	3,453.70	3	3,796.49	3	4,139.33	3	4,481.13	3	4,822.40	3		3		3		3		3	
1/4	3,460.84	1/4	3,803.64	1/4	4,146.47	1/4	4,488.24	1/4	4,829.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,467.98	1/2	3,810.78	1/2	4,153.61	1/2	4,495.35	1/2	4,836.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,475.12	3/4	3,817.92	3/4	4,160.76	3/4	4,502.46	3/4	4,843.60	3/4		3/4		3/4		3/4		3/4	
4	3,482.27	4	3,825.06	4	4,167.90	4	4,509.56	4	4,850.66	4		4		4		4		4	
1/4	3,489.41	1/4	3,832.21	1/4	4,175.04	1/4	4,516.67	1/4	4,857.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,496.55	1/2	3,839.35	1/2	4,182.18	1/2	4,523.78	1/2	4,864.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,503.69	3/4	3,846.49	3/4	4,189.33	3/4	4,530.89	3/4	4,871.86	3/4		3/4		3/4		3/4		3/4	
5	3,510.83	5	3,853.63	5	4,196.47	5	4,538.00	5	4,878.92	5		5		5		5		5	
1/4	3,517.97	1/4	3,860.78	1/4	4,203.61	1/4	4,545.11	1/4	4,885.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,525.11	1/2	3,867.92	1/2	4,210.75	1/2	4,552.22	1/2	4,893.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,532.25	3/4	3,875.06	3/4	4,217.90	3/4	4,559.33	3/4	4,900.11	3/4		3/4		3/4		3/4		3/4	
6	3,539.39	6	3,882.20	6	4,225.04	6	4,566.44	6	4,907.18	6		6		6		6		6	
1/4	3,546.53	1/4	3,889.35	1/4	4,232.18	1/4	4,573.55	1/4	4,914.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,553.67	1/2	3,896.49	1/2	4,239.32	1/2	4,580.66	1/2	4,921.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,560.81	3/4	3,903.63	3/4	4,246.47	3/4	4,587.77	3/4	4,928.33	3/4		3/4		3/4		3/4		3/4	
7	3,567.95	7	3,910.77	7	4,253.61	7	4,594.88	7	4,935.38	7		7		7		7		7	
1/4	3,575.09	1/4	3,917.92	1/4	4,260.72	1/4	4,601.99	1/4	4,942.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,582.23	1/2	3,925.06	1/2	4,267.83	1/2	4,609.10	1/2	4,949.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,589.37	3/4	3,932.20	3/4	4,274.94	3/4	4,616.21	3/4	4,956.37	3/4		3/4		3/4		3/4		3/4	
8	3,596.51	8	3,939.34	8	4,282.05	8	4,623.32	8	4,963.36	8		8		8		8		8	
1/4	3,603.66	1/4	3,946.49	1/4	4,289.16	1/4	4,630.43	1/4	4,969.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,610.80	1/2	3,953.63	1/2	4,296.27	1/2	4,637.54	1/2	4,975.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,617.94	3/4	3,960.77	3/4	4,303.38	3/4	4,644.65	3/4	4,981.88	3/4		3/4		3/4		3/4		3/4	
9	3,625.08	9	3,967.91	9	4,310.49	9	4,651.76	9	4,988.05	9		9		9		9		9	
1/4	3,632.22	1/4	3,975.05	1/4	4,317.60	1/4	4,658.87	1/4	4,993.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,639.36	1/2	3,982.20	1/2	4,324.71	1/2	4,665.98	1/2	4,998.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,646.50	3/4	3,989.34	3/4	4,331.82	3/4	4,673.09	3/4	5,003.00	3/4		3/4		3/4		3/4		3/4	
10	3,653.65	10	3,996.48	10	4,338.93	10	4,680.20	10	5,007.98	10		10		10		10		10	
1/4	3,660.79	1/4	4,003.62	1/4	4,346.04	1/4	4,687.31	1/4	5,011.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,667.93	1/2	4,010.77	1/2	4,353.15	1/2	4,694.42	1/2	5,015.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,675.07	3/4	4,017.91	3/4	4,360.26	3/4	4,701.53	3/4	5,019.35	3/4		3/4		3/4		3/4		3/4	
11	3,682.22	11	4,025.05	11	4,367.37	11	4,708.64	11	5,023.14	11		11		11		11		11	
1/4	3,689.36	1/4	4,032.19	1/4	4,374.48	1/4	4,715.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,696.50	1/2	4,039.34	1/2	4,381.59	1/2	4,722.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,703.64	3/4	4,046.48	3/4	4,388.70	3/4	4,729.97	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

2 PORT

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.69	0	343.97	0	687.78	0	1,021.87	0	1,360.89	0	1,704.71	0	2,048.53	0	2,392.35	0	2,736.17	0	3,079.98
1/4	19.17	1/4	351.14	1/4	694.94	1/4	1,028.72	1/4	1,368.05	1/4	1,711.87	1/4	2,055.69	1/4	2,399.51	1/4	2,743.33	1/4	3,087.14
1/2	23.64	1/2	358.30	1/2	702.10	1/2	1,035.58	1/2	1,375.22	1/2	1,719.04	1/2	2,062.85	1/2	2,406.67	1/2	2,750.49	1/2	3,094.30
3/4	28.12	3/4	365.46	3/4	709.27	3/4	1,042.43	3/4	1,382.38	3/4	1,726.20	3/4	2,070.02	3/4	2,413.84	3/4	2,757.66	3/4	3,101.46
1	32.60	1	372.62	1	716.43	1	1,049.29	1	1,389.54	1	1,733.36	1	2,077.18	1	2,421.00	1	2,764.82	1	3,108.62
1/4	38.86	1/4	379.79	1/4	723.59	1/4	1,056.14	1/4	1,396.71	1/4	1,740.52	1/4	2,084.34	1/4	2,428.16	1/4	2,771.98	1/4	3,115.78
1/2	45.13	1/2	386.95	1/2	730.75	1/2	1,063.00	1/2	1,403.87	1/2	1,747.69	1/2	2,091.51	1/2	2,435.33	1/2	2,779.14	1/2	3,122.94
3/4	51.39	3/4	394.11	3/4	737.92	3/4	1,069.85	3/4	1,411.03	3/4	1,754.85	3/4	2,098.67	3/4	2,442.49	3/4	2,786.31	3/4	3,130.10
2	57.66	2	401.27	2	745.08	2	1,076.71	2	1,418.19	2	1,762.01	2	2,105.83	2	2,449.65	2	2,793.47	2	3,137.27
1/4	64.79	1/4	408.44	1/4	752.24	1/4	1,083.57	1/4	1,425.36	1/4	1,769.18	1/4	2,113.00	1/4	2,456.81	1/4	2,800.63	1/4	3,144.43
1/2	71.91	1/2	415.60	1/2	759.40	1/2	1,090.43	1/2	1,432.52	1/2	1,776.34	1/2	2,120.16	1/2	2,463.98	1/2	2,807.80	1/2	3,151.59
3/4	79.04	3/4	422.76	3/4	766.57	3/4	1,097.29	3/4	1,439.68	3/4	1,783.50	3/4	2,127.32	3/4	2,471.14	3/4	2,814.96	3/4	3,158.75
3	86.17	3	429.92	3	773.73	3	1,104.16	3	1,446.85	3	1,790.66	3	2,134.48	3	2,478.30	3	2,822.12	3	3,165.91
1/4	93.32	1/4	437.09	1/4	780.89	1/4	1,111.04	1/4	1,454.01	1/4	1,797.83	1/4	2,141.65	1/4	2,485.47	1/4	2,829.28	1/4	3,173.07
1/2	100.47	1/2	444.25	1/2	788.05	1/2	1,117.92	1/2	1,461.17	1/2	1,804.99	1/2	2,148.81	1/2	2,492.63	1/2	2,836.45	1/2	3,180.23
3/4	107.62	3/4	451.41	3/4	795.22	3/4	1,124.80	3/4	1,468.33	3/4	1,812.15	3/4	2,155.97	3/4	2,499.79	3/4	2,843.61	3/4	3,187.39
4	114.77	4	458.57	4	802.38	4	1,131.68	4	1,475.50	4	1,819.32	4	2,163.14	4	2,506.95	4	2,850.77	4	3,194.55
1/4	121.94	1/4	465.74	1/4	809.26	1/4	1,138.84	1/4	1,482.66	1/4	1,826.48	1/4	2,170.30	1/4	2,514.12	1/4	2,857.94	1/4	3,201.71
1/2	129.10	1/2	472.90	1/2	816.14	1/2	1,146.00	1/2	1,489.82	1/2	1,833.64	1/2	2,177.46	1/2	2,521.28	1/2	2,865.10	1/2	3,208.87
3/4	136.26	3/4	480.06	3/4	823.02	3/4	1,153.17	3/4	1,496.99	3/4	1,840.80	3/4	2,184.62	3/4	2,528.44	3/4	2,872.26	3/4	3,216.04
5	143.42	5	487.22	5	829.90	5	1,160.33	5	1,504.15	5	1,847.97	5	2,191.79	5	2,535.61	5	2,879.43	5	3,223.20
1/4	150.58	1/4	494.39	1/4	836.77	1/4	1,167.49	1/4	1,511.31	1/4	1,855.13	1/4	2,198.95	1/4	2,542.77	1/4	2,886.59	1/4	3,230.36
1/2	157.74	1/2	501.55	1/2	843.63	1/2	1,174.66	1/2	1,518.47	1/2	1,862.29	1/2	2,206.11	1/2	2,549.93	1/2	2,893.75	1/2	3,237.52
3/4	164.91	3/4	508.71	3/4	850.49	3/4	1,181.82	3/4	1,525.64	3/4	1,869.46	3/4	2,213.28	3/4	2,557.09	3/4	2,900.91	3/4	3,244.68
6	172.07	6	515.87	6	857.35	6	1,188.98	6	1,532.80	6	1,876.62	6	2,220.44	6	2,564.26	6	2,908.08	6	3,251.84
1/4	179.23	1/4	523.04	1/4	864.21	1/4	1,196.14	1/4	1,539.96	1/4	1,883.78	1/4	2,227.60	1/4	2,571.42	1/4	2,915.24	1/4	3,259.00
1/2	186.40	1/2	530.20	1/2	871.06	1/2	1,203.31	1/2	1,547.13	1/2	1,890.95	1/2	2,234.76	1/2	2,578.58	1/2	2,922.40	1/2	3,266.16
3/4	193.56	3/4	537.36	3/4	877.92	3/4	1,210.47	3/4	1,554.29	3/4	1,898.11	3/4	2,241.93	3/4	2,585.75	3/4	2,929.57	3/4	3,273.32
7	200.72	7	544.53	7	884.77	7	1,217.63	7	1,561.45	7	1,905.27	7	2,249.09	7	2,592.91	7	2,936.73	7	3,280.48
1/4	207.88	1/4	551.69	1/4	891.63	1/4	1,224.80	1/4	1,568.61	1/4	1,912.43	1/4	2,256.25	1/4	2,600.07	1/4	2,943.89	1/4	3,287.64
1/2	215.05	1/2	558.85	1/2	898.48	1/2	1,231.96	1/2	1,575.78	1/2	1,919.60	1/2	2,263.42	1/2	2,607.24	1/2	2,951.05	1/2	3,294.81
3/4	222.21	3/4	566.01	3/4	905.34	3/4	1,239.12	3/4	1,582.94	3/4	1,926.76	3/4	2,270.58	3/4	2,614.40	3/4	2,958.22	3/4	3,301.97
8	229.37	8	573.18	8	912.19	8	1,246.28	8	1,590.10	8	1,933.92	8	2,277.74	8	2,621.56	8	2,965.38	8	3,309.13
1/4	236.53	1/4	580.34	1/4	919.05	1/4	1,253.45	1/4	1,597.27	1/4	1,941.09	1/4	2,284.90	1/4	2,628.72	1/4	2,972.54	1/4	3,316.29
1/2	243.70	1/2	587.50	1/2	925.90	1/2	1,260.61	1/2	1,604.43	1/2	1,948.25	1/2	2,292.07	1/2	2,635.89	1/2	2,979.71	1/2	3,323.45
3/4	250.86	3/4	594.66	3/4	932.75	3/4	1,267.77	3/4	1,611.59	3/4	1,955.41	3/4	2,299.23	3/4	2,643.05	3/4	2,986.87	3/4	3,330.61
9	258.02	9	601.83	9	939.61	9	1,274.94	9	1,618.75	9	1,962.57	9	2,306.39	9	2,650.21	9	2,994.03	9	3,337.77
1/4	265.18	1/4	608.99	1/4	946.46	1/4	1,282.10	1/4	1,625.92	1/4	1,969.74	1/4	2,313.56	1/4	2,657.38	1/4	3,001.19	1/4	3,344.93
1/2	272.35	1/2	616.15	1/2	953.32	1/2	1,289.26	1/2	1,633.08	1/2	1,976.90	1/2	2,320.72	1/2	2,664.54	1/2	3,008.36	1/2	3,352.09
3/4	279.51	3/4	623.31	3/4	960.17	3/4	1,296.42	3/4	1,640.24	3/4	1,984.06	3/4	2,327.88	3/4	2,671.70	3/4	3,015.52	3/4	3,359.25
10	286.67	10	630.48	10	967.03	10	1,303.59	10	1,647.41	10	1,991.23	10	2,335.04	10	2,678.86	10	3,022.68	10	3,366.41
1/4	293.83	1/4	637.64	1/4	973.88	1/4	1,310.75	1/4	1,654.57	1/4	1,998.39	1/4	2,342.21	1/4	2,686.03	1/4	3,029.85	1/4	3,373.58
1/2	301.00	1/2	644.80	1/2	980.74	1/2	1,317.91	1/2	1,661.73	1/2	2,005.55	1/2	2,349.37	1/2	2,693.19	1/2	3,037.01	1/2	3,380.74
3/4	308.16	3/4	651.96	3/4	987.59	3/4	1,325.08	3/4	1,668.90	3/4	2,012.71	3/4	2,356.53	3/4	2,700.35	3/4	3,044.17	3/4	3,387.90
11	315.32	11	659.13	11	994.45	11	1,332.24	11	1,676.06	11	2,019.88	11	2,363.70	11	2,707.52	11	3,051.33	11	3,395.06
1/4	322.48	1/4	666.29	1/4	1,001.30	1/4	1,339.40	1/4	1,683.22	1/4	2,027.04	1/4	2,370.86	1/4	2,714.68	1/4	3,058.50	1/4	3,402.22
1/2	329.65	1/2	673.45	1/2	1,008.16	1/2	1,346.56	1/2	1,690.38	1/2	2,034.20	1/2	2,378.02	1/2	2,721.84	1/2	3,065.66	1/2	3,409.38
3/4	336.81	3/4	680.61	3/4	1,015.01	3/4	1,353.73	3/4	1,697.55	3/4	2,041.37	3/4	2,385.19	3/4	2,729.00	3/4	3,072.82	3/4	3,416.54

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

2 PORT
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,423.70	0	3,767.42	0	4,111.15	0	4,454.21	0	4,796.36	0		0		0		0		0	
1/4	3,430.86	1/4	3,774.59	1/4	4,118.31	1/4	4,461.34	1/4	4,803.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,438.02	1/2	3,781.75	1/2	4,125.47	1/2	4,468.47	1/2	4,810.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,445.18	3/4	3,788.91	3/4	4,132.63	3/4	4,475.60	3/4	4,817.74	3/4		3/4		3/4		3/4		3/4	
1	3,452.35	1	3,796.07	1	4,139.79	1	4,482.73	1	4,824.87	1		1		1		1		1	
1/4	3,459.51	1/4	3,803.23	1/4	4,146.95	1/4	4,489.85	1/4	4,832.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,466.67	1/2	3,810.39	1/2	4,154.11	1/2	4,496.98	1/2	4,839.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,473.83	3/4	3,817.55	3/4	4,161.27	3/4	4,504.11	3/4	4,846.25	3/4		3/4		3/4		3/4		3/4	
2	3,480.99	2	3,824.71	2	4,168.44	2	4,511.24	2	4,853.38	2		2		2		2		2	
1/4	3,488.15	1/4	3,831.87	1/4	4,175.60	1/4	4,518.37	1/4	4,860.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,495.31	1/2	3,839.03	1/2	4,182.76	1/2	4,525.49	1/2	4,867.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,502.47	3/4	3,846.19	3/4	4,189.92	3/4	4,532.62	3/4	4,874.77	3/4		3/4		3/4		3/4		3/4	
3	3,509.63	3	3,853.36	3	4,197.08	3	4,539.75	3	4,881.89	3		3		3		3		3	
1/4	3,516.79	1/4	3,860.52	1/4	4,204.24	1/4	4,546.88	1/4	4,888.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,523.95	1/2	3,867.68	1/2	4,211.40	1/2	4,554.01	1/2	4,896.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,531.12	3/4	3,874.84	3/4	4,218.56	3/4	4,561.13	3/4	4,903.14	3/4		3/4		3/4		3/4		3/4	
4	3,538.28	4	3,882.00	4	4,225.72	4	4,568.26	4	4,910.23	4		4		4		4		4	
1/4	3,545.44	1/4	3,889.16	1/4	4,232.88	1/4	4,575.39	1/4	4,917.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,552.60	1/2	3,896.32	1/2	4,240.04	1/2	4,582.52	1/2	4,924.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,559.76	3/4	3,903.48	3/4	4,247.21	3/4	4,589.65	3/4	4,931.48	3/4		3/4		3/4		3/4		3/4	
5	3,566.92	5	3,910.64	5	4,254.37	5	4,596.77	5	4,938.56	5		5		5		5		5	
1/4	3,574.08	1/4	3,917.80	1/4	4,261.53	1/4	4,603.90	1/4	4,945.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,581.24	1/2	3,924.96	1/2	4,268.69	1/2	4,611.03	1/2	4,952.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,588.40	3/4	3,932.13	3/4	4,275.85	3/4	4,618.16	3/4	4,959.80	3/4		3/4		3/4		3/4		3/4	
6	3,595.56	6	3,939.29	6	4,283.01	6	4,625.29	6	4,966.88	6		6		6		6		6	
1/4	3,602.72	1/4	3,946.45	1/4	4,290.17	1/4	4,632.41	1/4	4,973.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.89	1/2	3,953.61	1/2	4,297.33	1/2	4,639.54	1/2	4,981.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,617.05	3/4	3,960.77	3/4	4,304.49	3/4	4,646.67	3/4	4,988.09	3/4		3/4		3/4		3/4		3/4	
7	3,624.21	7	3,967.93	7	4,311.65	7	4,653.80	7	4,995.16	7		7		7		7		7	
1/4	3,631.37	1/4	3,975.09	1/4	4,318.78	1/4	4,660.93	1/4	5,002.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,638.53	1/2	3,982.25	1/2	4,325.91	1/2	4,668.05	1/2	5,009.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,645.69	3/4	3,989.41	3/4	4,333.04	3/4	4,675.18	3/4	5,016.20	3/4		3/4		3/4		3/4		3/4	
8	3,652.85	8	3,996.57	8	4,340.17	8	4,682.31	8	5,023.22	8		8		8		8		8	
1/4	3,660.01	1/4	4,003.73	1/4	4,347.29	1/4	4,689.44	1/4	5,029.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,667.17	1/2	4,010.90	1/2	4,354.42	1/2	4,696.57	1/2	5,035.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,674.33	3/4	4,018.06	3/4	4,361.55	3/4	4,703.69	3/4	5,041.78	3/4		3/4		3/4		3/4		3/4	
9	3,681.49	9	4,025.22	9	4,368.68	9	4,710.82	9	5,047.97	9		9		9		9		9	
1/4	3,688.65	1/4	4,032.38	1/4	4,375.81	1/4	4,717.95	1/4	5,052.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,695.82	1/2	4,039.54	1/2	4,382.93	1/2	4,725.08	1/2	5,057.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,702.98	3/4	4,046.70	3/4	4,390.06	3/4	4,732.21	3/4	5,062.95	3/4		3/4		3/4		3/4		3/4	
10	3,710.14	10	4,053.86	10	4,397.19	10	4,739.33	10	5,067.94	10		10		10		10		10	
1/4	3,717.30	1/4	4,061.02	1/4	4,404.32	1/4	4,746.46	1/4	5,071.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,724.46	1/2	4,068.18	1/2	4,411.45	1/2	4,753.59	1/2	5,075.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,731.62	3/4	4,075.34	3/4	4,418.57	3/4	4,760.72	3/4	5,079.34	3/4		3/4		3/4		3/4		3/4	
11	3,738.78	11	4,082.50	11	4,425.70	11	4,767.85	11	5,083.15	11		11		11		11		11	
1/4	3,745.94	1/4	4,089.67	1/4	4,432.83	1/4	4,774.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,753.10	1/2	4,096.83	1/2	4,439.96	1/2	4,782.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.26	3/4	4,103.99	3/4	4,447.09	3/4	4,789.23	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.69	0	343.89	0	687.61	0	1,030.98	0	1,374.58	0	1,718.32	0	2,062.06	0	2,405.80	0	2,749.53	0	3,093.26
1/4	19.16	1/4	351.05	1/4	694.78	1/4	1,038.13	1/4	1,381.74	1/4	1,725.48	1/4	2,069.22	1/4	2,412.96	1/4	2,756.70	1/4	3,100.42
1/2	23.64	1/2	358.21	1/2	701.94	1/2	1,045.28	1/2	1,388.91	1/2	1,732.64	1/2	2,076.38	1/2	2,420.12	1/2	2,763.86	1/2	3,107.58
3/4	28.11	3/4	365.37	3/4	709.10	3/4	1,052.42	3/4	1,396.07	3/4	1,739.80	3/4	2,083.54	3/4	2,427.28	3/4	2,771.02	3/4	3,114.74
1	32.59	1	372.53	1	716.26	1	1,059.57	1	1,403.23	1	1,746.97	1	2,090.70	1	2,434.44	1	2,778.18	1	3,121.90
1/4	38.85	1/4	379.70	1/4	723.42	1/4	1,066.72	1/4	1,410.39	1/4	1,754.13	1/4	2,097.86	1/4	2,441.60	1/4	2,785.34	1/4	3,129.06
1/2	45.12	1/2	386.86	1/2	730.58	1/2	1,073.87	1/2	1,417.55	1/2	1,761.29	1/2	2,105.03	1/2	2,448.76	1/2	2,792.50	1/2	3,136.22
3/4	51.38	3/4	394.02	3/4	737.74	3/4	1,081.01	3/4	1,424.71	3/4	1,768.45	3/4	2,112.19	3/4	2,455.92	3/4	2,799.66	3/4	3,143.38
2	57.65	2	401.18	2	744.90	2	1,088.16	2	1,431.87	2	1,775.61	2	2,119.35	2	2,463.09	2	2,806.82	2	3,150.53
1/4	64.77	1/4	408.34	1/4	752.06	1/4	1,095.31	1/4	1,439.03	1/4	1,782.77	1/4	2,126.51	1/4	2,470.25	1/4	2,813.98	1/4	3,157.69
1/2	71.90	1/2	415.50	1/2	759.22	1/2	1,102.47	1/2	1,446.20	1/2	1,789.93	1/2	2,133.67	1/2	2,477.41	1/2	2,821.15	1/2	3,164.85
3/4	79.02	3/4	422.66	3/4	766.38	3/4	1,109.63	3/4	1,453.36	3/4	1,797.09	3/4	2,140.83	3/4	2,484.57	3/4	2,828.31	3/4	3,172.01
3	86.15	3	429.82	3	773.55	3	1,116.78	3	1,460.52	3	1,804.26	3	2,147.99	3	2,491.73	3	2,835.47	3	3,179.17
1/4	93.30	1/4	436.98	1/4	780.71	1/4	1,123.94	1/4	1,467.68	1/4	1,811.42	1/4	2,155.15	1/4	2,498.89	1/4	2,842.63	1/4	3,186.33
1/2	100.45	1/2	444.14	1/2	787.87	1/2	1,131.10	1/2	1,474.84	1/2	1,818.58	1/2	2,162.32	1/2	2,506.05	1/2	2,849.79	1/2	3,193.49
3/4	107.60	3/4	451.30	3/4	795.03	3/4	1,138.26	3/4	1,482.00	3/4	1,825.74	3/4	2,169.48	3/4	2,513.21	3/4	2,856.95	3/4	3,200.65
4	114.75	4	458.47	4	802.19	4	1,145.43	4	1,489.16	4	1,832.90	4	2,176.64	4	2,520.38	4	2,864.11	4	3,207.81
1/4	121.91	1/4	465.63	1/4	809.35	1/4	1,152.59	1/4	1,496.32	1/4	1,840.06	1/4	2,183.80	1/4	2,527.54	1/4	2,871.27	1/4	3,214.97
1/2	129.07	1/2	472.79	1/2	816.51	1/2	1,159.75	1/2	1,503.49	1/2	1,847.22	1/2	2,190.96	1/2	2,534.70	1/2	2,878.44	1/2	3,222.12
3/4	136.23	3/4	479.95	3/4	823.67	3/4	1,166.91	3/4	1,510.65	3/4	1,854.38	3/4	2,198.12	3/4	2,541.86	3/4	2,885.60	3/4	3,229.28
5	143.39	5	487.11	5	830.83	5	1,174.07	5	1,517.81	5	1,861.55	5	2,205.28	5	2,549.02	5	2,892.76	5	3,236.44
1/4	150.55	1/4	494.27	1/4	837.99	1/4	1,181.23	1/4	1,524.97	1/4	1,868.71	1/4	2,212.44	1/4	2,556.18	1/4	2,899.92	1/4	3,243.60
1/2	157.71	1/2	501.43	1/2	845.14	1/2	1,188.39	1/2	1,532.13	1/2	1,875.87	1/2	2,219.61	1/2	2,563.34	1/2	2,907.08	1/2	3,250.76
3/4	164.87	3/4	508.59	3/4	852.30	3/4	1,195.55	3/4	1,539.29	3/4	1,883.03	3/4	2,226.77	3/4	2,570.50	3/4	2,914.24	3/4	3,257.92
6	172.03	6	515.75	6	859.45	6	1,202.71	6	1,546.45	6	1,890.19	6	2,233.93	6	2,577.67	6	2,921.40	6	3,265.08
1/4	179.19	1/4	522.91	1/4	866.60	1/4	1,209.88	1/4	1,553.61	1/4	1,897.35	1/4	2,241.09	1/4	2,584.83	1/4	2,928.56	1/4	3,272.24
1/2	186.35	1/2	530.07	1/2	873.75	1/2	1,217.04	1/2	1,560.77	1/2	1,904.51	1/2	2,248.25	1/2	2,591.99	1/2	2,935.73	1/2	3,279.40
3/4	193.51	3/4	537.24	3/4	880.90	3/4	1,224.20	3/4	1,567.94	3/4	1,911.67	3/4	2,255.41	3/4	2,599.15	3/4	2,942.89	3/4	3,286.56
7	200.67	7	544.40	7	888.04	7	1,231.36	7	1,575.10	7	1,918.83	7	2,262.57	7	2,606.31	7	2,950.05	7	3,293.71
1/4	207.83	1/4	551.56	1/4	895.19	1/4	1,238.52	1/4	1,582.26	1/4	1,926.00	1/4	2,269.73	1/4	2,613.47	1/4	2,957.21	1/4	3,300.87
1/2	214.99	1/2	558.72	1/2	902.34	1/2	1,245.68	1/2	1,589.42	1/2	1,933.16	1/2	2,276.89	1/2	2,620.63	1/2	2,964.37	1/2	3,308.03
3/4	222.16	3/4	565.88	3/4	909.48	3/4	1,252.84	3/4	1,596.58	3/4	1,940.32	3/4	2,284.06	3/4	2,627.79	3/4	2,971.53	3/4	3,315.19
8	229.32	8	573.04	8	916.63	8	1,260.00	8	1,603.74	8	1,947.48	8	2,291.22	8	2,634.95	8	2,978.69	8	3,322.35
1/4	236.48	1/4	580.20	1/4	923.78	1/4	1,267.17	1/4	1,610.90	1/4	1,954.64	1/4	2,298.38	1/4	2,642.12	1/4	2,985.85	1/4	3,329.51
1/2	243.64	1/2	587.36	1/2	930.92	1/2	1,274.33	1/2	1,618.06	1/2	1,961.80	1/2	2,305.54	1/2	2,649.28	1/2	2,993.01	1/2	3,336.67
3/4	250.80	3/4	594.52	3/4	938.07	3/4	1,281.49	3/4	1,625.23	3/4	1,968.96	3/4	2,312.70	3/4	2,656.44	3/4	3,000.18	3/4	3,343.83
9	257.96	9	601.68	9	945.22	9	1,288.65	9	1,632.39	9	1,976.12	9	2,319.86	9	2,663.60	9	3,007.34	9	3,350.99
1/4	265.12	1/4	608.84	1/4	952.36	1/4	1,295.81	1/4	1,639.55	1/4	1,983.29	1/4	2,327.02	1/4	2,670.76	1/4	3,014.50	1/4	3,358.15
1/2	272.28	1/2	616.01	1/2	959.51	1/2	1,302.97	1/2	1,646.71	1/2	1,990.45	1/2	2,334.18	1/2	2,677.92	1/2	3,021.66	1/2	3,365.30
3/4	279.44	3/4	623.17	3/4	966.66	3/4	1,310.13	3/4	1,653.87	3/4	1,997.61	3/4	2,341.35	3/4	2,685.08	3/4	3,028.82	3/4	3,372.46
10	286.60	10	630.33	10	973.81	10	1,317.29	10	1,661.03	10	2,004.77	10	2,348.51	10	2,692.24	10	3,035.98	10	3,379.62
1/4	293.76	1/4	637.49	1/4	980.95	1/4	1,324.46	1/4	1,668.19	1/4	2,011.93	1/4	2,355.67	1/4	2,699.41	1/4	3,043.14	1/4	3,386.78
1/2	300.93	1/2	644.65	1/2	988.10	1/2	1,331.62	1/2	1,675.35	1/2	2,019.09	1/2	2,362.83	1/2	2,706.57	1/2	3,050.30	1/2	3,393.94
3/4	308.09	3/4	651.81	3/4	995.25	3/4	1,338.78	3/4	1,682.52	3/4	2,026.25	3/4	2,369.99	3/4	2,713.73	3/4	3,057.47	3/4	3,401.10
11	315.25	11	658.97	11	1,002.39	11	1,345.94	11	1,689.68	11	2,033.41	11	2,377.15	11	2,720.89	11	3,064.63	11	3,408.26
1/4	322.41	1/4	666.13	1/4	1,009.54	1/4	1,353.10	1/4	1,696.84	1/4	2,040.58	1/4	2,384.31	1/4	2,728.05	1/4	3,071.79	1/4	3,415.42
1/2	329.57	1/2	673.29	1/2	1,016.69	1/2	1,360.26	1/2	1,704.00	1/2	2,047.74	1/2	2,391.47	1/2	2,735.21	1/2	3,078.94	1/2	3,422.58
3/4	336.73	3/4	680.45	3/4	1,023.84	3/4	1,367.42	3/4	1,711.16	3/4	2,054.90	3/4	2,398.64	3/4	2,742.37	3/4	3,086.10	3/4	3,429.74

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

2 STBD
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,436.89	0	3,780.55	0	4,124.29	0	4,467.37	0	4,809.54	0		0		0		0		0	
1/4	3,444.05	1/4	3,787.71	1/4	4,131.45	1/4	4,474.50	1/4	4,816.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,451.21	1/2	3,794.88	1/2	4,138.61	1/2	4,481.63	1/2	4,823.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,458.37	3/4	3,802.04	3/4	4,145.77	3/4	4,488.76	3/4	4,830.92	3/4		3/4		3/4		3/4		3/4	
1	3,465.53	1	3,809.20	1	4,152.94	1	4,495.89	1	4,838.05	1		1		1		1		1	
1/4	3,472.69	1/4	3,816.36	1/4	4,160.10	1/4	4,503.01	1/4	4,845.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,479.85	1/2	3,823.52	1/2	4,167.26	1/2	4,510.14	1/2	4,852.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,487.01	3/4	3,830.68	3/4	4,174.42	3/4	4,517.27	3/4	4,859.43	3/4		3/4		3/4		3/4		3/4	
2	3,494.17	2	3,837.84	2	4,181.58	2	4,524.40	2	4,866.56	2		2		2		2		2	
1/4	3,501.33	1/4	3,845.00	1/4	4,188.74	1/4	4,531.53	1/4	4,873.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.48	1/2	3,852.17	1/2	4,195.90	1/2	4,538.66	1/2	4,880.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,515.64	3/4	3,859.33	3/4	4,203.06	3/4	4,545.78	3/4	4,887.95	3/4		3/4		3/4		3/4		3/4	
3	3,522.80	3	3,866.49	3	4,210.23	3	4,552.91	3	4,895.08	3		3		3		3		3	
1/4	3,529.96	1/4	3,873.65	1/4	4,217.39	1/4	4,560.04	1/4	4,902.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,537.12	1/2	3,880.81	1/2	4,224.55	1/2	4,567.17	1/2	4,909.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,544.28	3/4	3,887.97	3/4	4,231.71	3/4	4,574.30	3/4	4,916.33	3/4		3/4		3/4		3/4		3/4	
4	3,551.44	4	3,895.13	4	4,238.87	4	4,581.43	4	4,923.41	4		4		4		4		4	
1/4	3,558.60	1/4	3,902.29	1/4	4,246.03	1/4	4,588.56	1/4	4,930.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,565.76	1/2	3,909.45	1/2	4,253.19	1/2	4,595.68	1/2	4,937.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,572.92	3/4	3,916.62	3/4	4,260.35	3/4	4,602.81	3/4	4,944.66	3/4		3/4		3/4		3/4		3/4	
5	3,580.07	5	3,923.78	5	4,267.51	5	4,609.94	5	4,951.74	5		5		5		5		5	
1/4	3,587.23	1/4	3,930.94	1/4	4,274.68	1/4	4,617.07	1/4	4,958.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,594.39	1/2	3,938.10	1/2	4,281.84	1/2	4,624.20	1/2	4,965.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,601.55	3/4	3,945.26	3/4	4,289.00	3/4	4,631.33	3/4	4,972.99	3/4		3/4		3/4		3/4		3/4	
6	3,608.71	6	3,952.42	6	4,296.16	6	4,638.45	6	4,980.07	6		6		6		6		6	
1/4	3,615.87	1/4	3,959.58	1/4	4,303.32	1/4	4,645.58	1/4	4,987.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.03	1/2	3,966.74	1/2	4,310.48	1/2	4,652.71	1/2	4,994.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.19	3/4	3,973.91	3/4	4,317.64	3/4	4,659.84	3/4	5,001.27	3/4		3/4		3/4		3/4		3/4	
7	3,637.35	7	3,981.07	7	4,324.80	7	4,666.97	7	5,008.34	7		7		7		7		7	
1/4	3,644.51	1/4	3,988.23	1/4	4,331.93	1/4	4,674.10	1/4	5,015.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,651.66	1/2	3,995.39	1/2	4,339.06	1/2	4,681.22	1/2	5,022.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,658.82	3/4	4,002.55	3/4	4,346.19	3/4	4,688.35	3/4	5,029.39	3/4		3/4		3/4		3/4		3/4	
8	3,665.98	8	4,009.71	8	4,353.32	8	4,695.48	8	5,036.40	8		8		8		8		8	
1/4	3,673.14	1/4	4,016.87	1/4	4,360.45	1/4	4,702.61	1/4	5,042.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,680.30	1/2	4,024.03	1/2	4,367.57	1/2	4,709.74	1/2	5,048.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,687.46	3/4	4,031.20	3/4	4,374.70	3/4	4,716.87	3/4	5,054.97	3/4		3/4		3/4		3/4		3/4	
9	3,694.62	9	4,038.36	9	4,381.83	9	4,723.99	9	5,061.15	9		9		9		9		9	
1/4	3,701.78	1/4	4,045.52	1/4	4,388.96	1/4	4,731.12	1/4	5,066.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,708.94	1/2	4,052.68	1/2	4,396.09	1/2	4,738.25	1/2	5,071.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,716.10	3/4	4,059.84	3/4	4,403.22	3/4	4,745.38	3/4	5,076.14	3/4		3/4		3/4		3/4		3/4	
10	3,723.26	10	4,067.00	10	4,410.35	10	4,752.51	10	5,081.13	10		10		10		10		10	
1/4	3,730.42	1/4	4,074.16	1/4	4,417.47	1/4	4,759.64	1/4	5,084.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,737.59	1/2	4,081.32	1/2	4,424.60	1/2	4,766.77	1/2	5,088.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,744.75	3/4	4,088.48	3/4	4,431.73	3/4	4,773.89	3/4	5,092.54	3/4		3/4		3/4		3/4		3/4	
11	3,751.91	11	4,095.65	11	4,438.86	11	4,781.02	11	5,096.34	11		11		11		11		11	
1/4	3,759.07	1/4	4,102.81	1/4	4,445.99	1/4	4,788.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.23	1/2	4,109.97	1/2	4,453.12	1/2	4,795.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,773.39	3/4	4,117.13	3/4	4,460.24	3/4	4,802.41	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

3 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.62	0	342.19	0	683.70	0	1,015.56	0	1,352.36	0	1,693.76	0	2,035.16	0	2,376.56	0	2,717.93	0	3,059.46
1/4	19.07	1/4	349.31	1/4	690.81	1/4	1,022.37	1/4	1,359.47	1/4	1,700.87	1/4	2,042.27	1/4	2,383.67	1/4	2,725.04	1/4	3,066.56
1/2	23.52	1/2	356.44	1/2	697.92	1/2	1,029.17	1/2	1,366.59	1/2	1,707.99	1/2	2,049.39	1/2	2,390.79	1/2	2,732.15	1/2	3,073.67
3/4	27.98	3/4	363.56	3/4	705.04	3/4	1,035.97	3/4	1,373.70	3/4	1,715.10	3/4	2,056.50	3/4	2,397.90	3/4	2,739.26	3/4	3,080.78
1	32.43	1	370.69	1	712.15	1	1,042.78	1	1,380.81	1	1,722.21	1	2,063.61	1	2,405.01	1	2,746.37	1	3,087.89
1/4	38.66	1/4	377.80	1/4	719.26	1/4	1,049.58	1/4	1,387.92	1/4	1,729.32	1/4	2,070.72	1/4	2,412.12	1/4	2,753.49	1/4	3,094.99
1/2	44.90	1/2	384.92	1/2	726.38	1/2	1,056.38	1/2	1,395.04	1/2	1,736.44	1/2	2,077.84	1/2	2,419.24	1/2	2,760.60	1/2	3,102.10
3/4	51.13	3/4	392.03	3/4	733.49	3/4	1,063.19	3/4	1,402.15	3/4	1,743.55	3/4	2,084.95	3/4	2,426.35	3/4	2,767.71	3/4	3,109.21
2	57.36	2	399.14	2	740.61	2	1,069.99	2	1,409.26	2	1,750.66	2	2,092.06	2	2,433.46	2	2,774.82	2	3,116.32
1/4	64.45	1/4	406.26	1/4	747.72	1/4	1,076.80	1/4	1,416.37	1/4	1,757.77	1/4	2,099.17	1/4	2,440.57	1/4	2,781.93	1/4	3,123.41
1/2	71.54	1/2	413.37	1/2	754.83	1/2	1,083.61	1/2	1,423.49	1/2	1,764.89	1/2	2,106.29	1/2	2,447.69	1/2	2,789.04	1/2	3,130.50
3/4	78.63	3/4	420.48	3/4	761.95	3/4	1,090.42	3/4	1,430.60	3/4	1,772.00	3/4	2,113.40	3/4	2,454.80	3/4	2,796.16	3/4	3,137.59
3	85.72	3	427.60	3	769.06	3	1,097.24	3	1,437.71	3	1,779.11	3	2,120.51	3	2,461.91	3	2,803.27	3	3,144.68
1/4	92.83	1/4	434.71	1/4	776.17	1/4	1,104.12	1/4	1,444.82	1/4	1,786.22	1/4	2,127.62	1/4	2,469.02	1/4	2,810.38	1/4	3,151.77
1/2	99.95	1/2	441.83	1/2	783.29	1/2	1,111.00	1/2	1,451.94	1/2	1,793.34	1/2	2,134.74	1/2	2,476.14	1/2	2,817.49	1/2	3,158.86
3/4	107.06	3/4	448.94	3/4	790.40	3/4	1,117.88	3/4	1,459.05	3/4	1,800.45	3/4	2,141.85	3/4	2,483.25	3/4	2,824.60	3/4	3,165.95
4	114.18	4	456.05	4	797.52	4	1,124.76	4	1,466.16	4	1,807.56	4	2,148.96	4	2,490.36	4	2,831.71	4	3,173.04
1/4	121.30	1/4	463.17	1/4	804.40	1/4	1,131.87	1/4	1,473.27	1/4	1,814.67	1/4	2,156.07	1/4	2,497.47	1/4	2,838.82	1/4	3,180.13
1/2	128.43	1/2	470.28	1/2	811.28	1/2	1,138.99	1/2	1,480.39	1/2	1,821.79	1/2	2,163.19	1/2	2,504.58	1/2	2,845.94	1/2	3,187.22
3/4	135.55	3/4	477.39	3/4	818.16	3/4	1,146.10	3/4	1,487.50	3/4	1,828.90	3/4	2,170.30	3/4	2,511.70	3/4	2,853.05	3/4	3,194.31
5	142.68	5	484.51	5	825.04	5	1,153.21	5	1,494.61	5	1,836.01	5	2,177.41	5	2,518.81	5	2,860.16	5	3,201.40
1/4	149.80	1/4	491.62	1/4	831.85	1/4	1,160.32	1/4	1,501.72	1/4	1,843.12	1/4	2,184.52	1/4	2,525.92	1/4	2,867.27	1/4	3,208.49
1/2	156.93	1/2	498.74	1/2	838.67	1/2	1,167.44	1/2	1,508.84	1/2	1,850.24	1/2	2,191.64	1/2	2,533.03	1/2	2,874.38	1/2	3,215.58
3/4	164.05	3/4	505.85	3/4	845.48	3/4	1,174.55	3/4	1,515.95	3/4	1,857.35	3/4	2,198.75	3/4	2,540.14	3/4	2,881.49	3/4	3,222.67
6	171.18	6	512.96	6	852.29	6	1,181.66	6	1,523.06	6	1,864.46	6	2,205.86	6	2,547.25	6	2,888.60	6	3,229.76
1/4	178.30	1/4	520.08	1/4	859.09	1/4	1,188.77	1/4	1,530.17	1/4	1,871.57	1/4	2,212.97	1/4	2,554.36	1/4	2,895.72	1/4	3,236.85
1/2	185.43	1/2	527.19	1/2	865.89	1/2	1,195.89	1/2	1,537.29	1/2	1,878.69	1/2	2,220.09	1/2	2,561.48	1/2	2,902.83	1/2	3,243.94
3/4	192.55	3/4	534.31	3/4	872.70	3/4	1,203.00	3/4	1,544.40	3/4	1,885.80	3/4	2,227.20	3/4	2,568.59	3/4	2,909.94	3/4	3,251.03
7	199.68	7	541.42	7	879.50	7	1,210.11	7	1,551.51	7	1,892.91	7	2,234.31	7	2,575.70	7	2,917.05	7	3,258.12
1/4	206.80	1/4	548.53	1/4	886.30	1/4	1,217.22	1/4	1,558.62	1/4	1,900.02	1/4	2,241.42	1/4	2,582.81	1/4	2,924.17	1/4	3,265.21
1/2	213.93	1/2	555.65	1/2	893.11	1/2	1,224.34	1/2	1,565.74	1/2	1,907.14	1/2	2,248.54	1/2	2,589.92	1/2	2,931.30	1/2	3,272.30
3/4	221.05	3/4	562.76	3/4	899.91	3/4	1,231.45	3/4	1,572.85	3/4	1,914.25	3/4	2,255.65	3/4	2,597.03	3/4	2,938.42	3/4	3,279.40
8	228.18	8	569.87	8	906.71	8	1,238.56	8	1,579.96	8	1,921.36	8	2,262.76	8	2,604.14	8	2,945.54	8	3,286.49
1/4	235.31	1/4	576.99	1/4	913.52	1/4	1,245.67	1/4	1,587.07	1/4	1,928.47	1/4	2,269.87	1/4	2,611.26	1/4	2,952.67	1/4	3,293.58
1/2	242.43	1/2	584.10	1/2	920.32	1/2	1,252.79	1/2	1,594.19	1/2	1,935.59	1/2	2,276.99	1/2	2,618.37	1/2	2,959.79	1/2	3,300.67
3/4	249.56	3/4	591.22	3/4	927.12	3/4	1,259.90	3/4	1,601.30	3/4	1,942.70	3/4	2,284.10	3/4	2,625.48	3/4	2,966.91	3/4	3,307.76
9	256.68	9	598.33	9	933.92	9	1,267.01	9	1,608.41	9	1,949.81	9	2,291.21	9	2,632.59	9	2,974.04	9	3,314.85
1/4	263.81	1/4	605.44	1/4	940.73	1/4	1,274.12	1/4	1,615.52	1/4	1,956.92	1/4	2,298.32	1/4	2,639.70	1/4	2,981.16	1/4	3,321.95
1/2	270.93	1/2	612.56	1/2	947.53	1/2	1,281.24	1/2	1,622.64	1/2	1,964.04	1/2	2,305.44	1/2	2,646.81	1/2	2,988.28	1/2	3,329.04
3/4	278.06	3/4	619.67	3/4	954.33	3/4	1,288.35	3/4	1,629.75	3/4	1,971.15	3/4	2,312.55	3/4	2,653.93	3/4	2,995.41	3/4	3,336.13
10	285.18	10	626.78	10	961.14	10	1,295.46	10	1,636.86	10	1,978.26	10	2,319.66	10	2,661.04	10	3,002.53	10	3,343.22
1/4	292.31	1/4	633.90	1/4	967.94	1/4	1,302.57	1/4	1,643.97	1/4	1,985.37	1/4	2,326.77	1/4	2,668.15	1/4	3,009.65	1/4	3,347.55
1/2	299.43	1/2	641.01	1/2	974.74	1/2	1,309.69	1/2	1,651.09	1/2	1,992.49	1/2	2,333.89	1/2	2,675.26	1/2	3,016.78	1/2	3,351.89
3/4	306.56	3/4	648.13	3/4	981.55	3/4	1,316.80	3/4	1,658.20	3/4	1,999.60	3/4	2,341.00	3/4	2,682.37	3/4	3,023.90	3/4	3,356.22
11	313.68	11	655.24	11	988.35	11	1,323.91	11	1,665.31	11	2,006.71	11	2,348.11	11	2,689.48	11	3,031.03	11	3,360.55
1/4	320.81	1/4	662.35	1/4	995.15	1/4	1,331.02	1/4	1,672.42	1/4	2,013.82	1/4	2,355.22	1/4	2,696.59	1/4	3,038.13	1/4	3,364.89
1/2	327.94	1/2	669.47	1/2	1,001.96	1/2	1,338.14	1/2	1,679.54	1/2	2,020.94	1/2	2,362.34	1/2	2,703.71	1/2	3,045.24	1/2	3,369.22
3/4	335.06	3/4	676.58	3/4	1,008.76	3/4	1,345.25	3/4	1,686.65	3/4	2,028.05	3/4	2,369.45	3/4	2,710.82	3/4	3,052.35	3/4	3,373.55

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

**3 PORT
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-04 3/4"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,377.88	0	3,586.93	0	3,796.54	0	4,005.77	0	4,214.46	0		0		0		0		0	
1/4	3,382.24	1/4	3,591.29	1/4	3,800.90	1/4	4,010.11	1/4	4,218.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,386.59	1/2	3,595.66	1/2	3,805.27	1/2	4,014.46	1/2	4,223.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,390.94	3/4	3,600.03	3/4	3,809.64	3/4	4,018.81	3/4	4,227.50	3/4		3/4		3/4		3/4		3/4	
1	3,395.29	1	3,604.39	1	3,814.01	1	4,023.16	1	4,231.85	1		1		1		1		1	
1/4	3,399.64	1/4	3,608.76	1/4	3,818.37	1/4	4,027.51	1/4	4,236.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,403.99	1/2	3,613.13	1/2	3,822.74	1/2	4,031.85	1/2	4,240.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,408.34	3/4	3,617.49	3/4	3,827.11	3/4	4,036.20	3/4	4,244.90	3/4		3/4		3/4		3/4		3/4	
2	3,412.69	2	3,621.86	2	3,831.47	2	4,040.55	2	4,249.24	2		2		2		2		2	
1/4	3,417.04	1/4	3,626.23	1/4	3,835.84	1/4	4,044.90	1/4	4,253.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,421.39	1/2	3,630.60	1/2	3,840.21	1/2	4,049.24	1/2	4,257.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,425.75	3/4	3,634.96	3/4	3,844.57	3/4	4,053.59	3/4	4,262.29	3/4		3/4		3/4		3/4		3/4	
3	3,430.10	3	3,639.33	3	3,848.94	3	4,057.94	3	4,266.63	3		3		3		3		3	
1/4	3,434.45	1/4	3,643.70	1/4	3,853.31	1/4	4,062.29	1/4	4,270.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,438.80	1/2	3,648.06	1/2	3,857.67	1/2	4,066.64	1/2	4,275.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,443.15	3/4	3,652.43	3/4	3,862.04	3/4	4,070.98	3/4	4,279.60	3/4		3/4		3/4		3/4		3/4	
4	3,447.50	4	3,656.80	4	3,866.41	4	4,075.33	4	4,283.92	4		4		4		4		4	
1/4	3,451.85	1/4	3,661.16	1/4	3,870.77	1/4	4,079.68	1/4	4,288.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,456.20	1/2	3,665.53	1/2	3,875.14	1/2	4,084.03	1/2	4,292.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,460.55	3/4	3,669.90	3/4	3,879.51	3/4	4,088.37	3/4	4,296.88	3/4		3/4		3/4		3/4		3/4	
5	3,464.91	5	3,674.26	5	3,883.88	5	4,092.72	5	4,301.20	5		5		5		5		5	
1/4	3,469.26	1/4	3,678.63	1/4	3,888.24	1/4	4,097.07	1/4	4,305.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,473.61	1/2	3,683.00	1/2	3,892.61	1/2	4,101.42	1/2	4,309.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,477.96	3/4	3,687.37	3/4	3,896.98	3/4	4,105.77	3/4	4,314.15	3/4		3/4		3/4		3/4		3/4	
6	3,482.31	6	3,691.73	6	3,901.34	6	4,110.11	6	4,318.46	6		6		6		6		6	
1/4	3,486.66	1/4	3,696.10	1/4	3,905.71	1/4	4,114.46	1/4	4,322.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,491.01	1/2	3,700.47	1/2	3,910.08	1/2	4,118.81	1/2	4,327.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,495.36	3/4	3,704.83	3/4	3,914.44	3/4	4,123.16	3/4	4,331.38	3/4		3/4		3/4		3/4		3/4	
7	3,499.71	7	3,709.20	7	3,918.81	7	4,127.51	7	4,335.69	7		7		7		7		7	
1/4	3,504.07	1/4	3,713.57	1/4	3,923.16	1/4	4,131.85	1/4	4,339.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.42	1/2	3,717.93	1/2	3,927.51	1/2	4,136.20	1/2	4,344.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,512.77	3/4	3,722.30	3/4	3,931.85	3/4	4,140.55	3/4	4,348.44	3/4		3/4		3/4		3/4		3/4	
8	3,517.12	8	3,726.67	8	3,936.20	8	4,144.90	8	4,352.69	8		8		8		8		8	
1/4	3,521.47	1/4	3,731.03	1/4	3,940.55	1/4	4,149.24	1/4	4,356.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,525.82	1/2	3,735.40	1/2	3,944.90	1/2	4,153.59	1/2	4,359.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,530.17	3/4	3,739.77	3/4	3,949.25	3/4	4,157.94	3/4	4,362.98	3/4		3/4		3/4		3/4		3/4	
9	3,534.52	9	3,744.13	9	3,953.59	9	4,162.29	9	4,366.41	9		9		9		9		9	
1/4	3,538.89	1/4	3,748.50	1/4	3,957.94	1/4	4,166.64	1/4	4,368.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,543.26	1/2	3,752.87	1/2	3,962.29	1/2	4,170.98	1/2	4,370.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,547.62	3/4	3,757.24	3/4	3,966.64	3/4	4,175.33	3/4	4,373.14	3/4		3/4		3/4		3/4		3/4	
10	3,551.99	10	3,761.60	10	3,970.98	10	4,179.68	10	4,375.38	10		10		10		10		10	
1/4	3,556.36	1/4	3,765.97	1/4	3,975.33	1/4	4,184.03	1/4	4,377.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,560.72	1/2	3,770.34	1/2	3,979.68	1/2	4,188.37	1/2	4,378.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.09	3/4	3,774.70	3/4	3,984.03	3/4	4,192.72	3/4	4,380.50	3/4		3/4		3/4		3/4		3/4	
11	3,569.46	11	3,779.07	11	3,988.38	11	4,197.07	11	4,382.21	11		11		11		11		11	
1/4	3,573.83	1/4	3,783.44	1/4	3,992.72	1/4	4,201.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,578.19	1/2	3,787.80	1/2	3,997.07	1/2	4,205.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,582.56	3/4	3,792.17	3/4	4,001.42	3/4	4,210.11	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

3 STBD
INNAGE TABLE

HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.61	0	342.06	0	683.96	0	1,025.49	0	1,367.26	0	1,709.17	0	2,051.07	0	2,392.97	0	2,734.61	0	3,075.64
1/4	19.06	1/4	349.18	1/4	691.08	1/4	1,032.60	1/4	1,374.39	1/4	1,716.29	1/4	2,058.19	1/4	2,400.10	1/4	2,741.71	1/4	3,082.74
1/2	23.51	1/2	356.31	1/2	698.20	1/2	1,039.71	1/2	1,381.51	1/2	1,723.41	1/2	2,065.32	1/2	2,407.22	1/2	2,748.82	1/2	3,089.85
3/4	27.97	3/4	363.43	3/4	705.32	3/4	1,046.82	3/4	1,388.63	3/4	1,730.54	3/4	2,072.44	3/4	2,414.34	3/4	2,755.92	3/4	3,096.95
1	32.42	1	370.55	1	712.45	1	1,053.93	1	1,395.75	1	1,737.66	1	2,079.56	1	2,421.47	1	2,763.03	1	3,104.06
1/4	38.65	1/4	377.68	1/4	719.57	1/4	1,061.04	1/4	1,402.88	1/4	1,744.78	1/4	2,086.69	1/4	2,428.59	1/4	2,770.13	1/4	3,111.16
1/2	44.88	1/2	384.80	1/2	726.69	1/2	1,068.15	1/2	1,410.00	1/2	1,751.90	1/2	2,093.81	1/2	2,435.71	1/2	2,777.24	1/2	3,118.27
3/4	51.11	3/4	391.92	3/4	733.82	3/4	1,075.26	3/4	1,417.12	3/4	1,759.03	3/4	2,100.93	3/4	2,442.84	3/4	2,784.34	3/4	3,125.37
2	57.34	2	399.04	2	740.94	2	1,082.37	2	1,424.25	2	1,766.15	2	2,108.05	2	2,449.96	2	2,791.44	2	3,132.48
1/4	64.43	1/4	406.17	1/4	748.06	1/4	1,089.48	1/4	1,431.37	1/4	1,773.27	1/4	2,115.18	1/4	2,457.08	1/4	2,798.55	1/4	3,139.56
1/2	71.51	1/2	413.29	1/2	755.18	1/2	1,096.60	1/2	1,438.49	1/2	1,780.40	1/2	2,122.30	1/2	2,464.20	1/2	2,805.65	1/2	3,146.65
3/4	78.60	3/4	420.41	3/4	762.31	3/4	1,103.72	3/4	1,445.62	3/4	1,787.52	3/4	2,129.42	3/4	2,471.33	3/4	2,812.76	3/4	3,153.74
3	85.69	3	427.53	3	769.43	3	1,110.83	3	1,452.74	3	1,794.64	3	2,136.55	3	2,478.45	3	2,819.86	3	3,160.83
1/4	92.80	1/4	434.66	1/4	776.55	1/4	1,117.96	1/4	1,459.86	1/4	1,801.77	1/4	2,143.67	1/4	2,485.57	1/4	2,826.97	1/4	3,167.91
1/2	99.91	1/2	441.78	1/2	783.67	1/2	1,125.08	1/2	1,466.98	1/2	1,808.89	1/2	2,150.79	1/2	2,492.70	1/2	2,834.07	1/2	3,175.00
3/4	107.03	3/4	448.90	3/4	790.80	3/4	1,132.20	3/4	1,474.11	3/4	1,816.01	3/4	2,157.92	3/4	2,499.82	3/4	2,841.18	3/4	3,182.09
4	114.14	4	456.03	4	797.92	4	1,139.33	4	1,481.23	4	1,823.13	4	2,165.04	4	2,506.94	4	2,848.28	4	3,189.18
1/4	121.26	1/4	463.15	1/4	805.04	1/4	1,146.45	1/4	1,488.35	1/4	1,830.26	1/4	2,172.16	1/4	2,514.07	1/4	2,855.39	1/4	3,196.26
1/2	128.38	1/2	470.27	1/2	812.17	1/2	1,153.57	1/2	1,495.48	1/2	1,837.38	1/2	2,179.28	1/2	2,521.19	1/2	2,862.49	1/2	3,203.35
3/4	135.50	3/4	477.39	3/4	819.29	3/4	1,160.70	3/4	1,502.60	3/4	1,844.50	3/4	2,186.41	3/4	2,528.32	3/4	2,869.60	3/4	3,210.44
5	142.62	5	484.52	5	826.41	5	1,167.82	5	1,509.72	5	1,851.63	5	2,193.53	5	2,535.44	5	2,876.70	5	3,217.53
1/4	149.75	1/4	491.64	1/4	833.53	1/4	1,174.94	1/4	1,516.85	1/4	1,858.75	1/4	2,200.65	1/4	2,542.56	1/4	2,883.81	1/4	3,224.61
1/2	156.87	1/2	498.76	1/2	840.65	1/2	1,182.06	1/2	1,523.97	1/2	1,865.87	1/2	2,207.78	1/2	2,549.69	1/2	2,890.91	1/2	3,231.70
3/4	163.99	3/4	505.89	3/4	847.76	3/4	1,189.19	3/4	1,531.09	3/4	1,873.00	3/4	2,214.90	3/4	2,556.81	3/4	2,898.02	3/4	3,238.79
6	171.11	6	513.01	6	854.88	6	1,196.31	6	1,538.21	6	1,880.12	6	2,222.02	6	2,563.94	6	2,905.12	6	3,245.88
1/4	178.24	1/4	520.13	1/4	861.99	1/4	1,203.43	1/4	1,545.34	1/4	1,887.24	1/4	2,229.15	1/4	2,571.06	1/4	2,912.23	1/4	3,252.96
1/2	185.36	1/2	527.25	1/2	869.10	1/2	1,210.56	1/2	1,552.46	1/2	1,894.36	1/2	2,236.27	1/2	2,578.18	1/2	2,919.33	1/2	3,260.05
3/4	192.48	3/4	534.38	3/4	876.21	3/4	1,217.68	3/4	1,559.58	3/4	1,901.49	3/4	2,243.39	3/4	2,585.31	3/4	2,926.44	3/4	3,267.14
7	199.61	7	541.50	7	883.31	7	1,224.80	7	1,566.71	7	1,908.61	7	2,250.51	7	2,592.43	7	2,933.54	7	3,274.23
1/4	206.73	1/4	548.62	1/4	890.42	1/4	1,231.93	1/4	1,573.83	1/4	1,915.73	1/4	2,257.64	1/4	2,599.56	1/4	2,940.65	1/4	3,281.31
1/2	213.85	1/2	555.75	1/2	897.53	1/2	1,239.05	1/2	1,580.95	1/2	1,922.86	1/2	2,264.76	1/2	2,606.68	1/2	2,947.75	1/2	3,288.40
3/4	220.97	3/4	562.87	3/4	904.64	3/4	1,246.17	3/4	1,588.08	3/4	1,929.98	3/4	2,271.88	3/4	2,613.81	3/4	2,954.86	3/4	3,295.49
8	228.10	8	569.99	8	911.75	8	1,253.29	8	1,595.20	8	1,937.10	8	2,279.01	8	2,620.93	8	2,961.96	8	3,302.58
1/4	235.22	1/4	577.11	1/4	918.86	1/4	1,260.42	1/4	1,602.32	1/4	1,944.23	1/4	2,286.13	1/4	2,628.03	1/4	2,969.06	1/4	3,309.67
1/2	242.34	1/2	584.24	1/2	925.97	1/2	1,267.54	1/2	1,609.44	1/2	1,951.35	1/2	2,293.25	1/2	2,635.14	1/2	2,976.17	1/2	3,316.75
3/4	249.46	3/4	591.36	3/4	933.08	3/4	1,274.66	3/4	1,616.57	3/4	1,958.47	3/4	2,300.38	3/4	2,642.24	3/4	2,983.27	3/4	3,323.84
9	256.59	9	598.48	9	940.19	9	1,281.79	9	1,623.69	9	1,965.59	9	2,307.50	9	2,649.35	9	2,990.38	9	3,330.93
1/4	263.71	1/4	605.60	1/4	947.29	1/4	1,288.91	1/4	1,630.81	1/4	1,972.72	1/4	2,314.62	1/4	2,656.45	1/4	2,997.48	1/4	3,338.02
1/2	270.83	1/2	612.73	1/2	954.40	1/2	1,296.03	1/2	1,637.94	1/2	1,979.84	1/2	2,321.74	1/2	2,663.56	1/2	3,004.59	1/2	3,345.10
3/4	277.96	3/4	619.85	3/4	961.51	3/4	1,303.16	3/4	1,645.06	3/4	1,986.96	3/4	2,328.87	3/4	2,670.66	3/4	3,011.69	3/4	3,352.19
10	285.08	10	626.97	10	968.62	10	1,310.28	10	1,652.18	10	1,994.09	10	2,335.99	10	2,677.77	10	3,018.80	10	3,359.28
1/4	292.20	1/4	634.10	1/4	975.73	1/4	1,317.40	1/4	1,659.31	1/4	2,001.21	1/4	2,343.11	1/4	2,684.87	1/4	3,025.90	1/4	3,366.31
1/2	299.32	1/2	641.22	1/2	982.84	1/2	1,324.52	1/2	1,666.43	1/2	2,008.33	1/2	2,350.24	1/2	2,691.98	1/2	3,033.01	1/2	3,367.94
3/4	306.45	3/4	648.34	3/4	989.95	3/4	1,331.65	3/4	1,673.55	3/4	2,015.46	3/4	2,357.36	3/4	2,699.08	3/4	3,040.11	3/4	3,372.28
11	313.57	11	655.46	11	997.06	11	1,338.77	11	1,680.67	11	2,022.58	11	2,364.48	11	2,706.19	11	3,047.22	11	3,376.61
1/4	320.69	1/4	662.59	1/4	1,004.17	1/4	1,345.89	1/4	1,687.80	1/4	2,029.70	1/4	2,371.61	1/4	2,713.29	1/4	3,054.32	1/4	3,380.94
1/2	327.82	1/2	669.71	1/2	1,011.28	1/2	1,353.02	1/2	1,694.92	1/2	2,036.82	1/2	2,378.73	1/2	2,720.40	1/2	3,061.43	1/2	3,385.28
3/4	334.94	3/4	676.83	3/4	1,018.38	3/4	1,360.14	3/4	1,702.04	3/4	2,043.95	3/4	2,385.85	3/4	2,727.50	3/4	3,068.53	3/4	3,389.61

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

Paul Adams



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

3 STBD
INNAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,393.94	0	3,603.63	0	3,813.32	0	4,022.62	0	4,231.39	0		0		0		0		0	
1/4	3,398.31	1/4	3,608.00	1/4	3,817.69	1/4	4,026.97	1/4	4,235.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,402.68	1/2	3,612.37	1/2	3,822.05	1/2	4,031.32	1/2	4,240.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,407.05	3/4	3,616.74	3/4	3,826.42	3/4	4,035.67	3/4	4,244.44	3/4		3/4		3/4		3/4		3/4	
1	3,411.42	1	3,621.10	1	3,830.79	1	4,040.02	1	4,248.79	1		1		1		1		1	
1/4	3,415.78	1/4	3,625.47	1/4	3,835.16	1/4	4,044.37	1/4	4,253.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,420.15	1/2	3,629.84	1/2	3,839.53	1/2	4,048.72	1/2	4,257.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,424.52	3/4	3,634.21	3/4	3,843.90	3/4	4,053.07	3/4	4,261.84	3/4		3/4		3/4		3/4		3/4	
2	3,428.89	2	3,638.58	2	3,848.27	2	4,057.42	2	4,266.19	2		2		2		2		2	
1/4	3,433.26	1/4	3,642.95	1/4	3,852.63	1/4	4,061.77	1/4	4,270.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,437.63	1/2	3,647.31	1/2	3,857.00	1/2	4,066.12	1/2	4,274.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,442.00	3/4	3,651.68	3/4	3,861.37	3/4	4,070.47	3/4	4,279.24	3/4		3/4		3/4		3/4		3/4	
3	3,446.36	3	3,656.05	3	3,865.74	3	4,074.82	3	4,283.59	3		3		3		3		3	
1/4	3,450.73	1/4	3,660.42	1/4	3,870.11	1/4	4,079.17	1/4	4,287.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,455.10	1/2	3,664.79	1/2	3,874.48	1/2	4,083.52	1/2	4,292.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,459.47	3/4	3,669.16	3/4	3,878.85	3/4	4,087.86	3/4	4,296.55	3/4		3/4		3/4		3/4		3/4	
4	3,463.84	4	3,673.53	4	3,883.21	4	4,092.21	4	4,300.87	4		4		4		4		4	
1/4	3,468.21	1/4	3,677.89	1/4	3,887.58	1/4	4,096.56	1/4	4,305.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,472.57	1/2	3,682.26	1/2	3,891.95	1/2	4,100.91	1/2	4,309.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,476.94	3/4	3,686.63	3/4	3,896.32	3/4	4,105.26	3/4	4,313.84	3/4		3/4		3/4		3/4		3/4	
5	3,481.31	5	3,691.00	5	3,900.69	5	4,109.61	5	4,318.16	5		5		5		5		5	
1/4	3,485.68	1/4	3,695.37	1/4	3,905.06	1/4	4,113.96	1/4	4,322.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,490.05	1/2	3,699.74	1/2	3,909.42	1/2	4,118.31	1/2	4,326.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,494.42	3/4	3,704.11	3/4	3,913.79	3/4	4,122.66	3/4	4,331.11	3/4		3/4		3/4		3/4		3/4	
6	3,498.79	6	3,708.47	6	3,918.16	6	4,127.01	6	4,335.43	6		6		6		6		6	
1/4	3,503.15	1/4	3,712.84	1/4	3,922.53	1/4	4,131.36	1/4	4,339.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,507.52	1/2	3,717.21	1/2	3,926.90	1/2	4,135.71	1/2	4,344.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,511.89	3/4	3,721.58	3/4	3,931.27	3/4	4,140.06	3/4	4,348.35	3/4		3/4		3/4		3/4		3/4	
7	3,516.26	7	3,725.95	7	3,935.64	7	4,144.41	7	4,352.66	7		7		7		7		7	
1/4	3,520.63	1/4	3,730.32	1/4	3,939.99	1/4	4,148.76	1/4	4,356.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,525.00	1/2	3,734.68	1/2	3,944.33	1/2	4,153.11	1/2	4,361.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,529.37	3/4	3,739.05	3/4	3,948.68	3/4	4,157.46	3/4	4,365.42	3/4		3/4		3/4		3/4		3/4	
8	3,533.73	8	3,743.42	8	3,953.03	8	4,161.80	8	4,369.67	8		8		8		8		8	
1/4	3,538.10	1/4	3,747.79	1/4	3,957.38	1/4	4,166.15	1/4	4,373.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,542.47	1/2	3,752.16	1/2	3,961.73	1/2	4,170.50	1/2	4,376.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,546.84	3/4	3,756.53	3/4	3,966.08	3/4	4,174.85	3/4	4,379.97	3/4		3/4		3/4		3/4		3/4	
9	3,551.21	9	3,760.90	9	3,970.43	9	4,179.20	9	4,383.40	9		9		9		9		9	
1/4	3,555.58	1/4	3,765.26	1/4	3,974.78	1/4	4,183.55	1/4	4,385.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,559.94	1/2	3,769.63	1/2	3,979.13	1/2	4,187.90	1/2	4,387.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,564.31	3/4	3,774.00	3/4	3,983.48	3/4	4,192.25	3/4	4,390.13	3/4		3/4		3/4		3/4		3/4	
10	3,568.68	10	3,778.37	10	3,987.83	10	4,196.60	10	4,392.38	10		10		10		10		10	
1/4	3,573.05	1/4	3,782.74	1/4	3,992.18	1/4	4,200.95	1/4	4,394.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,577.42	1/2	3,787.11	1/2	3,996.53	1/2	4,205.30	1/2	4,395.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,581.79	3/4	3,791.48	3/4	4,000.88	3/4	4,209.65	3/4	4,397.50	3/4		3/4		3/4		3/4		3/4	
11	3,586.16	11	3,795.84	11	4,005.23	11	4,214.00	11	4,399.21	11		11		11		11		11	
1/4	3,590.52	1/4	3,800.21	1/4	4,009.58	1/4	4,218.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,594.89	1/2	3,804.58	1/2	4,013.92	1/2	4,222.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,599.26	3/4	3,808.95	3/4	4,018.27	3/4	4,227.05	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020

PRECISION MEASUREMENT
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BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

ULLAGE (HERMETIC)

	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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 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	- 00-0/8	00-0/8	- 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	- 00-0/8	00-0/8	- 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 = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 8, 2020

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

1 PORT
ULLAGE TABLE

HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,874.75	0	4,533.96	0	4,192.55	0	3,849.85	0	3,507.17	0	3,164.55	0	2,821.89	0	2,479.18
1/4		1/4		1/4	4,867.69	1/4	4,526.86	1/4	4,185.41	1/4	3,842.71	1/4	3,500.03	1/4	3,157.41	1/4	2,814.75	1/4	2,472.04
1/2		1/2		1/2	4,860.63	1/2	4,519.75	1/2	4,178.27	1/2	3,835.57	1/2	3,492.89	1/2	3,150.28	1/2	2,807.61	1/2	2,464.90
3/4		3/4		3/4	4,853.56	3/4	4,512.64	3/4	4,171.13	3/4	3,828.43	3/4	3,485.76	3/4	3,143.14	3/4	2,800.47	3/4	2,457.76
1		1		1	4,846.50	1	4,505.53	1	4,163.99	1	3,821.29	1	3,478.62	1	3,136.00	1	2,793.33	1	2,450.62
1/4		1/4		1/4	4,839.44	1/4	4,498.43	1/4	4,156.85	1/4	3,814.15	1/4	3,471.48	1/4	3,128.86	1/4	2,786.19	1/4	2,443.47
1/2		1/2		1/2	4,832.38	1/2	4,491.32	1/2	4,149.71	1/2	3,807.01	1/2	3,464.34	1/2	3,121.72	1/2	2,779.05	1/2	2,436.33
3/4		3/4		3/4	4,825.32	3/4	4,484.21	3/4	4,142.57	3/4	3,799.87	3/4	3,457.21	3/4	3,114.59	3/4	2,771.91	3/4	2,429.19
2		2		2	4,818.25	2	4,477.10	2	4,135.44	2	3,792.73	2	3,450.07	2	3,107.45	2	2,764.77	2	2,422.05
1/4		1/4		1/4	4,811.15	1/4	4,470.00	1/4	4,128.30	1/4	3,785.59	1/4	3,442.93	1/4	3,100.31	1/4	2,757.63	1/4	2,414.91
1/2		1/2		1/2	4,804.04	1/2	4,462.89	1/2	4,121.16	1/2	3,778.45	1/2	3,435.79	1/2	3,093.17	1/2	2,750.50	1/2	2,407.77
3/4		3/4		3/4	4,796.93	3/4	4,455.78	3/4	4,114.02	3/4	3,771.31	3/4	3,428.65	3/4	3,086.03	3/4	2,743.36	3/4	2,400.63
3		3		3	4,789.83	3	4,448.67	3	4,106.88	3	3,764.17	3	3,421.52	3	3,078.90	3	2,736.22	3	2,393.49
1/4		1/4		1/4	4,782.72	1/4	4,441.57	1/4	4,099.74	1/4	3,757.03	1/4	3,414.38	1/4	3,071.76	1/4	2,729.08	1/4	2,386.35
1/2		1/2		1/2	4,775.61	1/2	4,434.46	1/2	4,092.60	1/2	3,749.89	1/2	3,407.24	1/2	3,064.62	1/2	2,721.94	1/2	2,379.21
3/4		3/4		3/4	4,768.50	3/4	4,427.35	3/4	4,085.46	3/4	3,742.75	3/4	3,400.10	3/4	3,057.48	3/4	2,714.80	3/4	2,372.07
4		4		4	4,761.40	4	4,420.25	4	4,078.32	4	3,735.61	4	3,392.96	4	3,050.34	4	2,707.66	4	2,364.93
1/4		1/4		1/4	4,754.29	1/4	4,413.14	1/4	4,071.18	1/4	3,728.47	1/4	3,385.83	1/4	3,043.21	1/4	2,700.52	1/4	2,357.79
1/2		1/2		1/2	4,747.18	1/2	4,406.03	1/2	4,064.04	1/2	3,721.33	1/2	3,378.69	1/2	3,036.07	1/2	2,693.38	1/2	2,350.65
3/4		3/4		3/4	4,740.07	3/4	4,398.92	3/4	4,056.90	3/4	3,714.19	3/4	3,371.55	3/4	3,028.93	3/4	2,686.24	3/4	2,343.51
5		5		5	4,732.97	5	4,391.82	5	4,049.76	5	3,707.05	5	3,364.41	5	3,021.79	5	2,679.10	5	2,336.37
1/4		1/4		1/4	4,725.86	1/4	4,384.71	1/4	4,042.62	1/4	3,699.91	1/4	3,357.27	1/4	3,014.66	1/4	2,671.96	1/4	2,329.23
1/2		1/2		1/2	4,718.75	1/2	4,377.60	1/2	4,035.48	1/2	3,692.77	1/2	3,350.14	1/2	3,007.52	1/2	2,664.82	1/2	2,322.09
3/4		3/4		3/4	4,711.64	3/4	4,370.49	3/4	4,028.34	3/4	3,685.63	3/4	3,343.00	3/4	3,000.38	3/4	2,657.68	3/4	2,314.95
6		6	5,018.92	6	4,704.54	6	4,363.39	6	4,021.20	6	3,678.49	6	3,335.86	6	2,993.24	6	2,650.54	6	2,307.81
1/4		1/4	5,015.13	1/4	4,697.43	1/4	4,356.28	1/4	4,014.06	1/4	3,671.35	1/4	3,328.72	1/4	2,986.10	1/4	2,643.40	1/4	2,300.67
1/2		1/2	5,011.34	1/2	4,690.32	1/2	4,349.17	1/2	4,006.92	1/2	3,664.22	1/2	3,321.59	1/2	2,978.96	1/2	2,636.26	1/2	2,293.53
3/4		3/4	5,007.55	3/4	4,683.22	3/4	4,342.07	3/4	3,999.78	3/4	3,657.08	3/4	3,314.45	3/4	2,971.82	3/4	2,629.12	3/4	2,286.39
7		7	5,003.76	7	4,676.11	7	4,334.96	7	3,992.64	7	3,649.94	7	3,307.31	7	2,964.68	7	2,621.98	7	2,279.25
1/4		1/4	4,998.78	1/4	4,669.00	1/4	4,327.85	1/4	3,985.50	1/4	3,642.80	1/4	3,300.17	1/4	2,957.54	1/4	2,614.84	1/4	2,272.11
1/2		1/2	4,993.80	1/2	4,661.89	1/2	4,320.74	1/2	3,978.36	1/2	3,635.66	1/2	3,293.03	1/2	2,950.40	1/2	2,607.70	1/2	2,264.97
3/4		3/4	4,988.82	3/4	4,654.79	3/4	4,313.64	3/4	3,971.22	3/4	3,628.52	3/4	3,285.90	3/4	2,943.26	3/4	2,600.56	3/4	2,257.83
8		8	4,983.84	8	4,647.68	8	4,306.53	8	3,964.08	8	3,621.38	8	3,278.76	8	2,936.12	8	2,593.42	8	2,250.69
1/4		1/4	4,977.67	1/4	4,640.57	1/4	4,299.42	1/4	3,956.94	1/4	3,614.24	1/4	3,271.62	1/4	2,928.99	1/4	2,586.28	1/4	2,243.55
1/2		1/2	4,971.50	1/2	4,633.46	1/2	4,292.31	1/2	3,949.80	1/2	3,607.10	1/2	3,264.48	1/2	2,921.85	1/2	2,579.14	1/2	2,236.41
3/4		3/4	4,965.33	3/4	4,626.36	3/4	4,285.21	3/4	3,942.66	3/4	3,599.96	3/4	3,257.34	3/4	2,914.71	3/4	2,572.00	3/4	2,229.27
9		9	4,959.16	9	4,619.25	9	4,278.10	9	3,935.52	9	3,592.83	9	3,250.21	9	2,907.57	9	2,564.86	9	2,222.13
1/4		1/4	4,952.17	1/4	4,612.14	1/4	4,270.99	1/4	3,928.38	1/4	3,585.69	1/4	3,243.07	1/4	2,900.43	1/4	2,557.72	1/4	2,214.99
1/2		1/2	4,945.18	1/2	4,605.04	1/2	4,263.89	1/2	3,921.24	1/2	3,578.55	1/2	3,235.93	1/2	2,893.29	1/2	2,550.58	1/2	2,207.85
3/4		3/4	4,938.18	3/4	4,597.93	3/4	4,256.78	3/4	3,914.10	3/4	3,571.41	3/4	3,228.79	3/4	2,886.15	3/4	2,543.44	3/4	2,200.70
10		10	4,931.19	10	4,590.82	10	4,249.67	10	3,906.96	10	3,564.27	10	3,221.65	10	2,879.01	10	2,536.30	10	2,193.56
1/4		1/4	4,924.14	1/4	4,583.71	1/4	4,242.53	1/4	3,899.83	1/4	3,557.14	1/4	3,214.52	1/4	2,871.87	1/4	2,529.16	1/4	2,186.42
1/2		1/2	4,917.09	1/2	4,576.61	1/2	4,235.39	1/2	3,892.69	1/2	3,550.00	1/2	3,207.38	1/2	2,864.73	1/2	2,522.02	1/2	2,179.28
3/4		3/4	4,910.05	3/4	4,569.50	3/4	4,228.25	3/4	3,885.55	3/4	3,542.86	3/4	3,200.24	3/4	2,857.59	3/4	2,514.88	3/4	2,172.14
11		11	4,903.00	11	4,562.39	11	4,221.11	11	3,878.41	11	3,535.72	11	3,193.10	11	2,850.45	11	2,507.74	11	2,165.00
1/4		1/4	4,895.94	1/4	4,555.28	1/4	4,213.97	1/4	3,871.27	1/4	3,528.58	1/4	3,185.96	1/4	2,843.31	1/4	2,500.60	1/4	2,157.86
1/2		1/2	4,888.87	1/2	4,548.18	1/2	4,206.83	1/2	3,864.13	1/2	3,521.45	1/2	3,178.83	1/2	2,836.17	1/2	2,493.46	1/2	2,150.72
3/4		3/4	4,881.81	3/4	4,541.07	3/4	4,199.69	3/4	3,856.99	3/4	3,514.31	3/4	3,171.69	3/4	2,829.03	3/4	2,486.32	3/4	2,143.58

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

1 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,136.44	0	1,793.71	0	1,450.97	0	1,108.24	0	768.00	0	426.12	0	115.43	0		0		0	
1/4	2,129.30	1/4	1,786.57	1/4	1,443.83	1/4	1,101.10	1/4	760.89	1/4	419.19	1/4	109.50	1/4	1/4	1/4		1/4	
1/2	2,122.16	1/2	1,779.43	1/2	1,436.69	1/2	1,093.96	1/2	753.78	1/2	412.26	1/2	103.57	1/2	1/2	1/2		1/2	
3/4	2,115.02	3/4	1,772.29	3/4	1,429.55	3/4	1,086.82	3/4	746.68	3/4	405.33	3/4	97.65	3/4	3/4	3/4		3/4	
1	2,107.88	1	1,765.15	1	1,422.41	1	1,079.68	1	739.57	1	398.39	1	91.72	1	1	1		1	
1/4	2,100.74	1/4	1,758.01	1/4	1,415.27	1/4	1,072.57	1/4	732.43	1/4	391.55	1/4	85.88	1/4	1/4	1/4		1/4	
1/2	2,093.60	1/2	1,750.87	1/2	1,408.13	1/2	1,065.47	1/2	725.29	1/2	384.70	1/2	80.04	1/2	1/2	1/2		1/2	
3/4	2,086.46	3/4	1,743.73	3/4	1,400.99	3/4	1,058.36	3/4	718.15	3/4	377.85	3/4	74.21	3/4	3/4	3/4		3/4	
2	2,079.32	2	1,736.59	2	1,393.85	2	1,051.25	2	711.01	2	371.00	2	68.37	2	2	2		2	
1/4	2,072.18	1/4	1,729.44	1/4	1,386.71	1/4	1,044.17	1/4	703.87	1/4	364.24	1/4	62.64	1/4	1/4	1/4		1/4	
1/2	2,065.04	1/2	1,722.30	1/2	1,379.57	1/2	1,037.08	1/2	696.73	1/2	357.47	1/2	56.92	1/2	1/2	1/2		1/2	
3/4	2,057.90	3/4	1,715.16	3/4	1,372.43	3/4	1,029.99	3/4	689.59	3/4	350.71	3/4	51.19	3/4	3/4	3/4		3/4	
3	2,050.76	3	1,708.02	3	1,365.29	3	1,022.90	3	682.45	3	343.94	3	45.46	3	3	3		3	
1/4	2,043.62	1/4	1,700.88	1/4	1,358.15	1/4	1,015.82	1/4	675.31	1/4	337.26	1/4	40.68	1/4	1/4	1/4		1/4	
1/2	2,036.48	1/2	1,693.74	1/2	1,351.01	1/2	1,008.74	1/2	668.17	1/2	330.58	1/2	35.89	1/2	1/2	1/2		1/2	
3/4	2,029.34	3/4	1,686.60	3/4	1,343.87	3/4	1,001.66	3/4	661.03	3/4	323.90	3/4	31.10	3/4	3/4	3/4		3/4	
4	2,022.20	4	1,679.46	4	1,336.73	4	994.58	4	653.89	4	317.22	4	26.32	4	4	4		4	
1/4	2,015.06	1/4	1,672.32	1/4	1,329.59	1/4	987.50	1/4	646.75	1/4	310.62	1/4	23.40	1/4	1/4	1/4		1/4	
1/2	2,007.92	1/2	1,665.18	1/2	1,322.45	1/2	980.42	1/2	639.61	1/2	304.02	1/2	20.48	1/2	1/2	1/2		1/2	
3/4	2,000.78	3/4	1,658.04	3/4	1,315.31	3/4	973.34	3/4	632.47	3/4	297.42	3/4	17.56	3/4	3/4	3/4		3/4	
5	1,993.64	5	1,650.90	5	1,308.17	5	966.26	5	625.33	5	290.83	5	14.65	5	5	5		5	
1/4	1,986.50	1/4	1,643.76	1/4	1,301.03	1/4	959.18	1/4	618.19	1/4	284.31	1/4		1/4	1/4	1/4		1/4	
1/2	1,979.36	1/2	1,636.62	1/2	1,293.89	1/2	952.10	1/2	611.05	1/2	277.80	1/2		1/2	1/2	1/2		1/2	
3/4	1,972.22	3/4	1,629.48	3/4	1,286.75	3/4	945.02	3/4	603.91	3/4	271.28	3/4		3/4	3/4	3/4		3/4	
6	1,965.07	6	1,622.34	6	1,279.61	6	937.94	6	596.77	6	264.77	6		6	6	6		6	
1/4	1,957.93	1/4	1,615.20	1/4	1,272.47	1/4	930.86	1/4	589.63	1/4	258.34	1/4		1/4	1/4	1/4		1/4	
1/2	1,950.79	1/2	1,608.06	1/2	1,265.33	1/2	923.78	1/2	582.49	1/2	251.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,943.65	3/4	1,600.92	3/4	1,258.19	3/4	916.70	3/4	575.35	3/4	245.48	3/4		3/4	3/4	3/4		3/4	
7	1,936.51	7	1,593.78	7	1,251.04	7	909.62	7	568.21	7	239.05	7		7	7	7		7	
1/4	1,929.37	1/4	1,586.64	1/4	1,243.90	1/4	902.54	1/4	561.07	1/4	232.70	1/4		1/4	1/4	1/4		1/4	
1/2	1,922.23	1/2	1,579.50	1/2	1,236.76	1/2	895.46	1/2	553.93	1/2	226.35	1/2		1/2	1/2	1/2		1/2	
3/4	1,915.09	3/4	1,572.36	3/4	1,229.62	3/4	888.38	3/4	546.79	3/4	220.00	3/4		3/4	3/4	3/4		3/4	
8	1,907.95	8	1,565.22	8	1,222.48	8	881.30	8	539.65	8	213.66	8		8	8	8		8	
1/4	1,900.81	1/4	1,558.08	1/4	1,215.34	1/4	874.22	1/4	532.51	1/4	207.39	1/4		1/4	1/4	1/4		1/4	
1/2	1,893.67	1/2	1,550.94	1/2	1,208.20	1/2	867.15	1/2	525.37	1/2	201.13	1/2		1/2	1/2	1/2		1/2	
3/4	1,886.53	3/4	1,543.80	3/4	1,201.06	3/4	860.07	3/4	518.23	3/4	194.86	3/4		3/4	3/4	3/4		3/4	
9	1,879.39	9	1,536.66	9	1,193.92	9	852.99	9	511.09	9	188.60	9		9	9	9		9	
1/4	1,872.25	1/4	1,529.52	1/4	1,186.78	1/4	845.91	1/4	503.95	1/4	182.42	1/4		1/4	1/4	1/4		1/4	
1/2	1,865.11	1/2	1,522.38	1/2	1,179.64	1/2	838.83	1/2	496.81	1/2	176.24	1/2		1/2	1/2	1/2		1/2	
3/4	1,857.97	3/4	1,515.24	3/4	1,172.50	3/4	831.75	3/4	489.67	3/4	170.06	3/4		3/4	3/4	3/4		3/4	
10	1,850.83	10	1,508.10	10	1,165.36	10	824.67	10	482.53	10	163.88	10		10	10	10		10	
1/4	1,843.69	1/4	1,500.96	1/4	1,158.22	1/4	817.59	1/4	475.44	1/4	157.78	1/4		1/4	1/4	1/4		1/4	
1/2	1,836.55	1/2	1,493.82	1/2	1,151.08	1/2	810.51	1/2	468.35	1/2	151.68	1/2		1/2	1/2	1/2		1/2	
3/4	1,829.41	3/4	1,486.67	3/4	1,143.94	3/4	803.43	3/4	461.25	3/4	145.59	3/4		3/4	3/4	3/4		3/4	
11	1,822.27	11	1,479.53	11	1,136.80	11	796.35	11	454.16	11	139.49	11		11	11	11		11	
1/4	1,815.13	1/4	1,472.39	1/4	1,129.66	1/4	789.26	1/4	447.15	1/4	133.47	1/4		1/4	1/4	1/4		1/4	
1/2	1,807.99	1/2	1,465.25	1/2	1,122.52	1/2	782.17	1/2	440.14	1/2	127.46	1/2		1/2	1/2	1/2		1/2	
3/4	1,800.85	3/4	1,458.11	3/4	1,115.38	3/4	775.08	3/4	433.13	3/4	121.45	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

1 STBD
ULLAGE TABLE

HERMETIC
GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	4,885.98	0	4,545.11	0	4,203.61	0	3,860.77	0	3,517.97	0	3,175.22	0	2,832.43	0	2,489.59		
1/4	1/4	1/4	1/4	1/4	4,878.92	1/4	4,538.00	1/4	4,196.47	1/4	3,853.63	1/4	3,510.83	1/4	3,168.08	1/4	2,825.29	1/4	2,482.44		
1/2	1/2	1/2	1/2	1/2	4,871.85	1/2	4,530.89	1/2	4,189.32	1/2	3,846.49	1/2	3,503.68	1/2	3,160.94	1/2	2,818.14	1/2	2,475.30		
3/4	3/4	3/4	3/4	3/4	4,864.79	3/4	4,523.78	3/4	4,182.18	3/4	3,839.35	3/4	3,496.54	3/4	3,153.80	3/4	2,811.00	3/4	2,468.16		
1	1	1	1	1	4,857.72	1	4,516.67	1	4,175.04	1	3,832.20	1	3,489.40	1	3,146.65	1	2,803.86	1	2,461.01		
1/4	1/4	1/4	1/4	1/4	4,850.66	1/4	4,509.56	1/4	4,167.90	1/4	3,825.06	1/4	3,482.26	1/4	3,139.51	1/4	2,796.72	1/4	2,453.87		
1/2	1/2	1/2	1/2	1/2	4,843.59	1/2	4,502.45	1/2	4,160.76	1/2	3,817.92	1/2	3,475.12	1/2	3,132.37	1/2	2,789.58	1/2	2,446.73		
3/4	3/4	3/4	3/4	3/4	4,836.53	3/4	4,495.34	3/4	4,153.61	3/4	3,810.78	3/4	3,467.98	3/4	3,125.23	3/4	2,782.43	3/4	2,439.58		
2	2	2	2	2	4,829.46	2	4,488.23	2	4,146.47	2	3,803.64	2	3,460.84	2	3,118.09	2	2,775.29	2	2,432.44		
1/4	1/4	1/4	1/4	1/4	4,822.40	1/4	4,481.12	1/4	4,139.33	1/4	3,796.49	1/4	3,453.70	1/4	3,110.95	1/4	2,768.15	1/4	2,425.30		
1/2	1/2	1/2	1/2	1/2	4,815.29	1/2	4,474.01	1/2	4,132.19	1/2	3,789.35	1/2	3,446.56	1/2	3,103.81	1/2	2,761.01	1/2	2,418.16		
3/4	3/4	3/4	3/4	3/4	4,808.18	3/4	4,466.90	3/4	4,125.04	3/4	3,782.21	3/4	3,439.42	3/4	3,096.67	3/4	2,753.86	3/4	2,411.01		
3	3	3	3	3	4,801.07	3	4,459.79	3	4,117.90	3	3,775.07	3	3,432.28	3	3,089.53	3	2,746.72	3	2,403.87		
1/4	1/4	1/4	1/4	1/4	4,793.96	1/4	4,452.68	1/4	4,110.76	1/4	3,767.92	1/4	3,425.14	1/4	3,082.39	1/4	2,739.58	1/4	2,396.73		
1/2	1/2	1/2	1/2	1/2	4,786.85	1/2	4,445.57	1/2	4,103.62	1/2	3,760.78	1/2	3,418.00	1/2	3,075.25	1/2	2,732.44	1/2	2,389.58		
3/4	3/4	3/4	3/4	3/4	4,779.74	3/4	4,438.46	3/4	4,096.47	3/4	3,753.64	3/4	3,410.86	3/4	3,068.11	3/4	2,725.29	3/4	2,382.44		
4	4	4	4	4	4,772.63	4	4,431.35	4	4,089.33	4	3,746.50	4	3,403.72	4	3,060.97	4	2,718.15	4	2,375.30		
1/4	1/4	1/4	1/4	1/4	4,765.52	1/4	4,424.24	1/4	4,082.19	1/4	3,739.35	1/4	3,396.58	1/4	3,053.83	1/4	2,711.01	1/4	2,368.15		
1/2	1/2	1/2	1/2	1/2	4,758.41	1/2	4,417.13	1/2	4,075.05	1/2	3,732.21	1/2	3,389.44	1/2	3,046.69	1/2	2,703.87	1/2	2,361.01		
3/4	3/4	3/4	3/4	3/4	4,751.30	3/4	4,410.02	3/4	4,067.90	3/4	3,725.07	3/4	3,382.29	3/4	3,039.55	3/4	2,696.73	3/4	2,353.87		
5	5	5	5	5	4,744.19	5	4,402.91	5	4,060.76	5	3,717.93	5	3,375.15	5	3,032.41	5	2,689.58	5	2,346.73		
1/4	1/4	1/4	1/4	1/4	4,737.08	1/4	4,395.80	1/4	4,053.62	1/4	3,710.78	1/4	3,368.01	1/4	3,025.26	1/4	2,682.44	1/4	2,339.58		
1/2	1/2	1/2	1/2	1/2	4,729.97	1/2	4,388.69	1/2	4,046.48	1/2	3,703.64	1/2	3,360.87	1/2	3,018.12	1/2	2,675.30	1/2	2,332.44		
3/4	3/4	3/4	3/4	3/4	4,722.86	3/4	4,381.58	3/4	4,039.33	3/4	3,696.50	3/4	3,353.73	3/4	3,010.98	3/4	2,668.16	3/4	2,325.30		
6	6	6	6	6	4,715.75	6	4,374.47	6	4,032.19	6	3,689.36	6	3,346.59	6	3,003.84	6	2,661.01	6	2,318.15		
1/4	1/4	1/4	1/4	1/4	5,023.14	1/4	4,708.64	1/4	4,367.36	1/4	4,025.05	1/4	3,682.21	1/4	3,339.45	1/4	2,996.70	1/4	2,653.87	1/4	2,311.01
1/2	1/2	1/2	1/2	1/2	5,019.35	1/2	4,701.53	1/2	4,360.25	1/2	4,017.91	1/2	3,675.07	1/2	3,332.31	1/2	2,989.56	1/2	2,646.73	1/2	2,303.87
3/4	3/4	3/4	3/4	3/4	5,015.56	3/4	4,694.42	3/4	4,353.14	3/4	4,010.76	3/4	3,667.93	3/4	3,325.17	3/4	2,982.42	3/4	2,639.59	3/4	2,296.72
7	7	7	7	7	5,011.77	7	4,687.31	7	4,346.04	7	4,003.62	7	3,660.79	7	3,318.03	7	2,975.28	7	2,632.45	7	2,289.58
1/4	1/4	1/4	1/4	1/4	5,007.98	1/4	4,680.20	1/4	4,338.93	1/4	3,996.48	1/4	3,653.64	1/4	3,310.89	1/4	2,968.13	1/4	2,625.30	1/4	2,282.44
1/2	1/2	1/2	1/2	1/2	5,002.99	1/2	4,673.09	1/2	4,331.82	1/2	3,989.34	1/2	3,646.50	1/2	3,303.75	1/2	2,960.99	1/2	2,618.16	1/2	2,275.30
3/4	3/4	3/4	3/4	3/4	4,998.01	3/4	4,665.98	3/4	4,324.71	3/4	3,982.20	3/4	3,639.36	3/4	3,296.61	3/4	2,953.85	3/4	2,611.02	3/4	2,268.15
8	8	8	8	8	4,993.03	8	4,658.87	8	4,317.60	8	3,975.05	8	3,632.22	8	3,289.47	8	2,946.71	8	2,603.87	8	2,261.01
1/4	1/4	1/4	1/4	1/4	4,988.05	1/4	4,651.76	1/4	4,310.49	1/4	3,967.91	1/4	3,625.08	1/4	3,282.33	1/4	2,939.56	1/4	2,596.73	1/4	2,253.87
1/2	1/2	1/2	1/2	1/2	4,981.88	1/2	4,644.65	1/2	4,303.38	1/2	3,960.77	1/2	3,617.93	1/2	3,275.19	1/2	2,932.42	1/2	2,589.59	1/2	2,246.72
3/4	3/4	3/4	3/4	3/4	4,975.70	3/4	4,637.54	3/4	4,296.27	3/4	3,953.63	3/4	3,610.79	3/4	3,268.05	3/4	2,925.28	3/4	2,582.44	3/4	2,239.58
9	9	9	9	9	4,969.53	9	4,630.43	9	4,289.16	9	3,946.48	9	3,603.65	9	3,260.90	9	2,918.14	9	2,575.30	9	2,232.44
1/4	1/4	1/4	1/4	1/4	4,963.36	1/4	4,623.32	1/4	4,282.05	1/4	3,939.34	1/4	3,596.51	1/4	3,253.76	1/4	2,910.99	1/4	2,568.16	1/4	2,225.29
1/2	1/2	1/2	1/2	1/2	4,956.36	1/2	4,616.21	1/2	4,274.94	1/2	3,932.20	1/2	3,589.37	1/2	3,246.62	1/2	2,903.85	1/2	2,561.02	1/2	2,218.15
3/4	3/4	3/4	3/4	3/4	4,949.37	3/4	4,609.10	3/4	4,267.83	3/4	3,925.06	3/4	3,582.23	3/4	3,239.48	3/4	2,896.71	3/4	2,553.87	3/4	2,211.01
10	10	10	10	10	4,942.37	10	4,601.99	10	4,260.72	10	3,917.91	10	3,575.09	10	3,232.34	10	2,889.57	10	2,546.73	10	2,203.87
1/4	1/4	1/4	1/4	1/4	4,935.38	1/4	4,594.88	1/4	4,253.61	1/4	3,910.77	1/4	3,567.95	1/4	3,225.20	1/4	2,882.43	1/4	2,539.59	1/4	2,196.72
1/2	1/2	1/2	1/2	1/2	4,928.33	1/2	4,587.77	1/2	4,246.46	1/2	3,903.63	1/2	3,560.81	1/2	3,218.06	1/2	2,875.28	1/2	2,532.44	1/2	2,189.58
3/4	3/4	3/4	3/4	3/4	4,921.28	3/4	4,580.66	3/4	4,239.32	3/4	3,896.49	3/4	3,553.67	3/4	3,210.92	3/4	2,868.14	3/4	2,525.30	3/4	2,182.44
11	11	11	11	11	4,914.																



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,146.72	0	1,803.86	0	1,460.99	0	1,118.13	0	775.56	0	433.25	0	121.47	0		0		0	
1/4	2,139.58	1/4	1,796.71	1/4	1,453.85	1/4	1,110.99	1/4	768.42	1/4	426.23	1/4	115.46	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,132.44	1/2	1,789.57	1/2	1,446.71	1/2	1,103.84	1/2	761.27	1/2	419.30	1/2	109.53	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,125.29	3/4	1,782.43	3/4	1,439.56	3/4	1,096.70	3/4	754.13	3/4	412.37	3/4	103.60	3/4	3/4	3/4	3/4	3/4	3/4
1	2,118.15	1	1,775.29	1	1,432.42	1	1,089.56	1	746.99	1	405.43	1	97.67	1	1	1	1	1	1
1/4	2,111.01	1/4	1,768.14	1/4	1,425.28	1/4	1,082.41	1/4	739.85	1/4	398.50	1/4	91.74	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,103.86	1/2	1,761.00	1/2	1,418.14	1/2	1,075.27	1/2	732.70	1/2	391.65	1/2	85.90	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,096.72	3/4	1,753.86	3/4	1,410.99	3/4	1,068.13	3/4	725.56	3/4	384.80	3/4	80.06	3/4	3/4	3/4	3/4	3/4	3/4
2	2,089.58	2	1,746.71	2	1,403.85	2	1,060.99	2	718.42	2	377.95	2	74.22	2	2	2	2	2	2
1/4	2,082.43	1/4	1,739.57	1/4	1,396.71	1/4	1,053.84	1/4	711.27	1/4	371.10	1/4	68.38	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,075.29	1/2	1,732.43	1/2	1,389.56	1/2	1,046.70	1/2	704.13	1/2	364.33	1/2	62.66	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,068.15	3/4	1,725.28	3/4	1,382.42	3/4	1,039.56	3/4	696.99	3/4	357.56	3/4	56.93	3/4	3/4	3/4	3/4	3/4	3/4
3	2,061.01	3	1,718.14	3	1,375.28	3	1,032.42	3	689.85	3	350.80	3	51.20	3	3	3	3	3	3
1/4	2,053.86	1/4	1,711.00	1/4	1,368.13	1/4	1,025.27	1/4	682.70	1/4	344.03	1/4	45.47	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,046.72	1/2	1,703.86	1/2	1,360.99	1/2	1,018.14	1/2	675.56	1/2	337.35	1/2	40.68	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,039.58	3/4	1,696.71	3/4	1,353.85	3/4	1,011.01	3/4	668.42	3/4	330.66	3/4	35.90	3/4	3/4	3/4	3/4	3/4	3/4
4	2,032.43	4	1,689.57	4	1,346.71	4	1,003.87	4	661.28	4	323.98	4	31.11	4	4	4	4	4	4
1/4	2,025.29	1/4	1,682.43	1/4	1,339.56	1/4	996.74	1/4	654.13	1/4	317.30	1/4	26.32	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,018.15	1/2	1,675.28	1/2	1,332.42	1/2	989.60	1/2	646.99	1/2	310.70	1/2	23.41	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,011.00	3/4	1,668.14	3/4	1,325.28	3/4	982.47	3/4	639.85	3/4	304.10	3/4	20.49	3/4	3/4	3/4	3/4	3/4	3/4
5	2,003.86	5	1,661.00	5	1,318.13	5	975.34	5	632.70	5	297.50	5	17.57	5	5	5	5	5	5
1/4	1,996.72	1/4	1,653.85	1/4	1,310.99	1/4	968.20	1/4	625.56	1/4	290.90	1/4	14.65	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,989.58	1/2	1,646.71	1/2	1,303.85	1/2	961.07	1/2	618.42	1/2	284.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,982.43	3/4	1,639.57	3/4	1,296.70	3/4	953.93	3/4	611.28	3/4	277.86	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,975.29	6	1,632.43	6	1,289.56	6	946.80	6	604.13	6	271.35	6	6	6	6	6	6	6	6
1/4	1,968.15	1/4	1,625.28	1/4	1,282.42	1/4	939.67	1/4	596.99	1/4	264.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,961.00	1/2	1,618.14	1/2	1,275.28	1/2	932.53	1/2	589.85	1/2	258.40	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,953.86	3/4	1,611.00	3/4	1,268.13	3/4	925.40	3/4	582.71	3/4	251.97	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
7	1,946.72	7	1,603.85	7	1,260.99	7	918.26	7	575.56	7	245.53	7	7	7	7	7	7	7	7
1/4	1,939.57	1/4	1,596.71	1/4	1,253.85	1/4	911.13	1/4	568.42	1/4	239.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,932.43	1/2	1,589.57	1/2	1,246.70	1/2	903.99	1/2	561.28	1/2	232.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,925.29	3/4	1,582.42	3/4	1,239.56	3/4	896.86	3/4	554.13	3/4	226.40	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
8	1,918.15	8	1,575.28	8	1,232.42	8	889.73	8	546.99	8	220.05	8	8	8	8	8	8	8	8
1/4	1,911.00	1/4	1,568.14	1/4	1,225.27	1/4	882.59	1/4	539.85	1/4	213.70	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,903.86	1/2	1,561.00	1/2	1,218.13	1/2	875.46	1/2	532.71	1/2	207.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,896.72	3/4	1,553.85	3/4	1,210.99	3/4	868.32	3/4	525.56	3/4	201.17	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
9	1,889.57	9	1,546.71	9	1,203.85	9	861.19	9	518.42	9	194.91	9	9	9	9	9	9	9	9
1/4	1,882.43	1/4	1,539.57	1/4	1,196.70	1/4	854.06	1/4	511.28	1/4	188.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,875.29	1/2	1,532.42	1/2	1,189.56	1/2	846.92	1/2	504.14	1/2	182.46	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,868.14	3/4	1,525.28	3/4	1,182.42	3/4	839.79	3/4	496.99	3/4	176.28	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
10	1,861.00	10	1,518.14	10	1,175.27	10	832.66	10	489.85	10	170.09	10	10	10	10	10	10	10	10
1/4	1,853.86	1/4	1,510.99	1/4	1,168.13	1/4	825.52	1/4	482.71	1/4	163.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,846.72	1/2	1,503.85	1/2	1,160.99	1/2	818.39	1/2	475.61	1/2	157.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,839.57	3/4	1,496.71	3/4	1,153.84	3/4	811.25	3/4	468.51	3/4	151.71	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
11	1,832.43	11	1,489.57	11	1,146.70	11	804.12	11	461.40	11	145.62	11	11	11	11	11	11	11	11
1/4	1,825.29	1/4	1,482.42	1/4	1,139.56	1/4	796.99	1/4	454.30	1/4	139.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,818.14	1/2	1,475.28	1/2	1,132.42	1/2	789.84	1/2	447.29	1/2	133.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,811.00	3/4	1,468.14	3/4	1,125.27	3/4	782.70	3/4	440.27	3/4	127.49	3/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

2 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,938.57	0	4,596.78	0	4,254.37	0	3,910.65	0	3,566.92	0	3,223.20	0	2,879.43	0	2,535.61
1/4		1/4		1/4	4,931.48	1/4	4,589.65	1/4	4,247.21	1/4	3,903.49	1/4	3,559.76	1/4	3,216.04	1/4	2,872.27	1/4	2,528.45
1/2		1/2		1/2	4,924.40	1/2	4,582.52	1/2	4,240.05	1/2	3,896.33	1/2	3,552.60	1/2	3,208.88	1/2	2,865.10	1/2	2,521.29
3/4		3/4		3/4	4,917.32	3/4	4,575.39	3/4	4,232.89	3/4	3,889.16	3/4	3,545.44	3/4	3,201.72	3/4	2,857.94	3/4	2,514.12
1		1		1	4,910.23	1	4,568.27	1	4,225.73	1	3,882.00	1	3,538.28	1	3,194.56	1	2,850.78	1	2,506.96
1/4		1/4		1/4	4,903.15	1/4	4,561.14	1/4	4,218.57	1/4	3,874.84	1/4	3,531.12	1/4	3,187.40	1/4	2,843.62	1/4	2,499.80
1/2		1/2		1/2	4,896.07	1/2	4,554.01	1/2	4,211.41	1/2	3,867.68	1/2	3,523.96	1/2	3,180.24	1/2	2,836.45	1/2	2,492.63
3/4		3/4		3/4	4,888.98	3/4	4,546.88	3/4	4,204.24	3/4	3,860.52	3/4	3,516.80	3/4	3,173.07	3/4	2,829.29	3/4	2,485.47
2		2		2	4,881.90	2	4,539.75	2	4,197.08	2	3,853.36	2	3,509.64	2	3,165.91	2	2,822.13	2	2,478.31
1/4		1/4		1/4	4,874.77	1/4	4,532.63	1/4	4,189.92	1/4	3,846.20	1/4	3,502.48	1/4	3,158.75	1/4	2,814.96	1/4	2,471.14
1/2		1/2		1/2	4,867.64	1/2	4,525.50	1/2	4,182.76	1/2	3,839.04	1/2	3,495.32	1/2	3,151.59	1/2	2,807.80	1/2	2,463.98
3/4		3/4		3/4	4,860.51	3/4	4,518.37	3/4	4,175.60	3/4	3,831.88	3/4	3,488.15	3/4	3,144.43	3/4	2,800.64	3/4	2,456.82
3		3		3	4,853.39	3	4,511.24	3	4,168.44	3	3,824.72	3	3,480.99	3	3,137.27	3	2,793.48	3	2,449.66
1/4		1/4		1/4	4,846.26	1/4	4,504.11	1/4	4,161.28	1/4	3,817.56	1/4	3,473.83	1/4	3,130.11	1/4	2,786.31	1/4	2,442.49
1/2		1/2		1/2	4,839.13	1/2	4,496.99	1/2	4,154.12	1/2	3,810.40	1/2	3,466.67	1/2	3,122.95	1/2	2,779.15	1/2	2,435.33
3/4		3/4		3/4	4,832.00	3/4	4,489.86	3/4	4,146.96	3/4	3,803.23	3/4	3,459.51	3/4	3,115.79	3/4	2,771.99	3/4	2,428.17
4		4		4	4,824.87	4	4,482.73	4	4,139.80	4	3,796.07	4	3,452.35	4	3,108.63	4	2,764.82	4	2,421.00
1/4		1/4		1/4	4,817.75	1/4	4,475.60	1/4	4,132.64	1/4	3,788.91	1/4	3,445.19	1/4	3,101.47	1/4	2,757.66	1/4	2,413.84
1/2		1/2		1/2	4,810.62	1/2	4,468.47	1/2	4,125.47	1/2	3,781.75	1/2	3,438.03	1/2	3,094.31	1/2	2,750.50	1/2	2,406.68
3/4		3/4		3/4	4,803.49	3/4	4,461.35	3/4	4,118.31	3/4	3,774.59	3/4	3,430.87	3/4	3,087.14	3/4	2,743.33	3/4	2,399.52
5		5		5	4,796.36	5	4,454.22	5	4,111.15	5	3,767.43	5	3,423.71	5	3,079.98	5	2,736.17	5	2,392.35
1/4		1/4		1/4	4,789.23	1/4	4,447.09	1/4	4,103.99	1/4	3,760.27	1/4	3,416.55	1/4	3,072.82	1/4	2,729.01	1/4	2,385.19
1/2		1/2		1/2	4,782.11	1/2	4,439.96	1/2	4,096.83	1/2	3,753.11	1/2	3,409.38	1/2	3,065.66	1/2	2,721.85	1/2	2,378.03
3/4		3/4		3/4	4,774.98	3/4	4,432.83	3/4	4,089.67	3/4	3,745.95	3/4	3,402.22	3/4	3,058.50	3/4	2,714.68	3/4	2,370.86
6		6	5,083.15	6	4,767.85	6	4,425.71	6	4,082.51	6	3,738.79	6	3,395.06	6	3,051.34	6	2,707.52	6	2,363.70
1/4		1/4	5,079.35	1/4	4,760.72	1/4	4,418.58	1/4	4,075.35	1/4	3,731.63	1/4	3,387.90	1/4	3,044.18	1/4	2,700.36	1/4	2,356.54
1/2		1/2	5,075.55	1/2	4,753.59	1/2	4,411.45	1/2	4,068.19	1/2	3,724.46	1/2	3,380.74	1/2	3,037.01	1/2	2,693.19	1/2	2,349.38
3/4		3/4	5,071.75	3/4	4,746.47	3/4	4,404.32	3/4	4,061.03	3/4	3,717.30	3/4	3,373.58	3/4	3,029.85	3/4	2,686.03	3/4	2,342.21
7		7	5,067.95	7	4,739.34	7	4,397.19	7	4,053.87	7	3,710.14	7	3,366.42	7	3,022.69	7	2,678.87	7	2,335.05
1/4		1/4	5,062.95	1/4	4,732.21	1/4	4,390.07	1/4	4,046.70	1/4	3,702.98	1/4	3,359.26	1/4	3,015.53	1/4	2,671.71	1/4	2,327.89
1/2		1/2	5,057.96	1/2	4,725.08	1/2	4,382.94	1/2	4,039.54	1/2	3,695.82	1/2	3,352.10	1/2	3,008.36	1/2	2,664.54	1/2	2,320.72
3/4		3/4	5,052.97	3/4	4,717.95	3/4	4,375.81	3/4	4,032.38	3/4	3,688.66	3/4	3,344.94	3/4	3,001.20	3/4	2,657.38	3/4	2,313.56
8		8	5,047.97	8	4,710.83	8	4,368.68	8	4,025.22	8	3,681.50	8	3,337.78	8	2,994.04	8	2,650.22	8	2,306.40
1/4		1/4	5,041.78	1/4	4,703.70	1/4	4,361.55	1/4	4,018.06	1/4	3,674.34	1/4	3,330.61	1/4	2,986.87	1/4	2,643.05	1/4	2,299.24
1/2		1/2	5,035.60	1/2	4,696.57	1/2	4,354.43	1/2	4,010.90	1/2	3,667.18	1/2	3,323.45	1/2	2,979.71	1/2	2,635.89	1/2	2,292.07
3/4		3/4	5,029.41	3/4	4,689.44	3/4	4,347.30	3/4	4,003.74	3/4	3,660.02	3/4	3,316.29	3/4	2,972.55	3/4	2,628.73	3/4	2,284.91
9		9	5,023.22	9	4,682.31	9	4,340.17	9	3,996.58	9	3,652.86	9	3,309.13	9	2,965.38	9	2,621.57	9	2,277.75
1/4		1/4	5,016.21	1/4	4,675.19	1/4	4,333.04	1/4	3,989.42	1/4	3,645.69	1/4	3,301.97	1/4	2,958.22	1/4	2,614.40	1/4	2,270.58
1/2		1/2	5,009.19	1/2	4,668.06	1/2	4,325.91	1/2	3,982.26	1/2	3,638.53	1/2	3,294.81	1/2	2,951.06	1/2	2,607.24	1/2	2,263.42
3/4		3/4	5,002.18	3/4	4,660.93	3/4	4,318.79	3/4	3,975.10	3/4	3,631.37	3/4	3,287.65	3/4	2,943.90	3/4	2,600.08	3/4	2,256.26
10		10	4,995.16	10	4,653.80	10	4,311.66	10	3,967.93	10	3,624.21	10	3,280.49	10	2,936.73	10	2,592.91	10	2,249.09
1/4		1/4	4,988.10	1/4	4,646.67	1/4	4,304.50	1/4	3,960.77	1/4	3,617.05	1/4	3,273.33	1/4	2,929.57	1/4	2,585.75	1/4	2,241.93
1/2		1/2	4,981.03	1/2	4,639.55	1/2	4,297.34	1/2	3,953.61	1/2	3,609.89	1/2	3,266.17	1/2	2,922.41	1/2	2,578.59	1/2	2,234.77
3/4		3/4	4,973.96	3/4	4,632.42	3/4	4,290.18	3/4	3,946.45	3/4	3,602.73	3/4	3,259.01	3/4	2,915.24	3/4	2,571.43	3/4	2,227.61
11		11	4,966.89	11	4,625.29	11	4,283.01	11	3,939.29	11	3,595.57	11	3,251.84	11	2,908.08	11	2,564.26	11	2,220.44
1/4		1/4	4,959.81	1/4	4,618.16	1/4	4,275.85	1/4	3,932.13	1/4	3,588.41	1/4	3,244.68	1/4	2,900.92	1/4	2,557.10	1/4	2,213.28
1/2		1/2	4,952.73	1/2	4,611.03	1/2	4,268.69	1/2	3,924.97	1/2	3,581.25	1/2	3,237.52	1/2	2,893.76	1/2	2,549.94	1/2	2,206.12
3/4		3/4	4,945.65	3/4	4,603.91	3/4	4,261.53	3/4	3,917.81	3/4	3,574.09	3/4	3,230.36	3/4	2,886.59	3/4	2,542.77	3/4	2,198.95

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

2 PORT
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,191.79	0	1,847.97	0	1,504.15	0	1,160.33	0	829.91	0	487.23	0	143.42	0		0			
1/4	2,184.63	1/4	1,840.81	1/4	1,496.99	1/4	1,153.17	1/4	823.03	1/4	480.07	1/4	136.26	1/4	1/4				
1/2	2,177.47	1/2	1,833.65	1/2	1,489.83	1/2	1,146.01	1/2	816.15	1/2	472.90	1/2	129.10	1/2	1/2				
3/4	2,170.30	3/4	1,826.48	3/4	1,482.66	3/4	1,138.85	3/4	809.26	3/4	465.74	3/4	121.94	3/4	3/4				
1	2,163.14	1	1,819.32	1	1,475.50	1	1,131.68	1	802.38	1	458.58	1	114.78	1	1				
1/4	2,155.98	1/4	1,812.16	1/4	1,468.34	1/4	1,124.80	1/4	795.22	1/4	451.42	1/4	107.63	1/4	1/4				
1/2	2,148.81	1/2	1,805.00	1/2	1,461.18	1/2	1,117.92	1/2	788.06	1/2	444.25	1/2	100.47	1/2	1/2				
3/4	2,141.65	3/4	1,797.83	3/4	1,454.01	3/4	1,111.04	3/4	780.90	3/4	437.09	3/4	93.32	3/4	3/4				
2	2,134.49	2	1,790.67	2	1,446.85	2	1,104.16	2	773.73	2	429.93	2	86.17	2	2				
1/4	2,127.33	1/4	1,783.51	1/4	1,439.69	1/4	1,097.30	1/4	766.57	1/4	422.77	1/4	79.04	1/4	1/4				
1/2	2,120.16	1/2	1,776.34	1/2	1,432.52	1/2	1,090.44	1/2	759.41	1/2	415.60	1/2	71.92	1/2	1/2				
3/4	2,113.00	3/4	1,769.18	3/4	1,425.36	3/4	1,083.57	3/4	752.25	3/4	408.44	3/4	64.79	3/4	3/4				
3	2,105.84	3	1,762.02	3	1,418.20	3	1,076.71	3	745.08	3	401.28	3	57.67	3	3				
1/4	2,098.67	1/4	1,754.85	1/4	1,411.04	1/4	1,069.86	1/4	737.92	1/4	394.12	1/4	51.40	1/4	1/4				
1/2	2,091.51	1/2	1,747.69	1/2	1,403.87	1/2	1,063.00	1/2	730.76	1/2	386.95	1/2	45.13	1/2	1/2				
3/4	2,084.35	3/4	1,740.53	3/4	1,396.71	3/4	1,056.15	3/4	723.60	3/4	379.79	3/4	38.87	3/4	3/4				
4	2,077.19	4	1,733.37	4	1,389.55	4	1,049.29	4	716.43	4	372.63	4	32.60	4	4				
1/4	2,070.02	1/4	1,726.20	1/4	1,382.38	1/4	1,042.44	1/4	709.27	1/4	365.47	1/4	28.13	1/4	1/4				
1/2	2,062.86	1/2	1,719.04	1/2	1,375.22	1/2	1,035.58	1/2	702.11	1/2	358.30	1/2	23.65	1/2	1/2				
3/4	2,055.70	3/4	1,711.88	3/4	1,368.06	3/4	1,028.73	3/4	694.94	3/4	351.14	3/4	19.17	3/4	3/4				
5	2,048.53	5	1,704.71	5	1,360.90	5	1,021.87	5	687.78	5	343.98	5	14.69	5	5				
1/4	2,041.37	1/4	1,697.55	1/4	1,353.73	1/4	1,015.02	1/4	680.62	1/4	336.81	1/4		1/4	1/4				
1/2	2,034.21	1/2	1,690.39	1/2	1,346.57	1/2	1,008.16	1/2	673.46	1/2	329.65	1/2		1/2	1/2				
3/4	2,027.04	3/4	1,683.23	3/4	1,339.41	3/4	1,001.31	3/4	666.29	3/4	322.49	3/4		3/4	3/4				
6	2,019.88	6	1,676.06	6	1,332.24	6	994.45	6	659.13	6	315.33	6		6	6				
1/4	2,012.72	1/4	1,668.90	1/4	1,325.08	1/4	987.60	1/4	651.97	1/4	308.16	1/4		1/4	1/4				
1/2	2,005.56	1/2	1,661.74	1/2	1,317.92	1/2	980.74	1/2	644.81	1/2	301.00	1/2		1/2	1/2				
3/4	1,998.39	3/4	1,654.57	3/4	1,310.75	3/4	973.89	3/4	637.64	3/4	293.84	3/4		3/4	3/4				
7	1,991.23	7	1,647.41	7	1,303.59	7	967.03	7	630.48	7	286.68	7		7	7				
1/4	1,984.07	1/4	1,640.25	1/4	1,296.43	1/4	960.18	1/4	623.32	1/4	279.51	1/4		1/4	1/4				
1/2	1,976.90	1/2	1,633.09	1/2	1,289.27	1/2	953.32	1/2	616.16	1/2	272.35	1/2		1/2	1/2				
3/4	1,969.74	3/4	1,625.92	3/4	1,282.10	3/4	946.47	3/4	608.99	3/4	265.19	3/4		3/4	3/4				
8	1,962.58	8	1,618.76	8	1,274.94	8	939.61	8	601.83	8	258.03	8		8	8				
1/4	1,955.42	1/4	1,611.60	1/4	1,267.78	1/4	932.76	1/4	594.67	1/4	250.86	1/4		1/4	1/4				
1/2	1,948.25	1/2	1,604.43	1/2	1,260.61	1/2	925.90	1/2	587.51	1/2	243.70	1/2		1/2	1/2				
3/4	1,941.09	3/4	1,597.27	3/4	1,253.45	3/4	919.05	3/4	580.34	3/4	236.54	3/4		3/4	3/4				
9	1,933.93	9	1,590.11	9	1,246.29	9	912.20	9	573.18	9	229.38	9		9	9				
1/4	1,926.76	1/4	1,582.95	1/4	1,239.13	1/4	905.34	1/4	566.02	1/4	222.21	1/4		1/4	1/4				
1/2	1,919.60	1/2	1,575.78	1/2	1,231.96	1/2	898.49	1/2	558.86	1/2	215.05	1/2		1/2	1/2				
3/4	1,912.44	3/4	1,568.62	3/4	1,224.80	3/4	891.63	3/4	551.69	3/4	207.89	3/4		3/4	3/4				
10	1,905.28	10	1,561.46	10	1,217.64	10	884.78	10	544.53	10	200.73	10		10	10				
1/4	1,898.11	1/4	1,554.29	1/4	1,210.47	1/4	877.92	1/4	537.37	1/4	193.56	1/4		1/4	1/4				
1/2	1,890.95	1/2	1,547.13	1/2	1,203.31	1/2	871.07	1/2	530.20	1/2	186.40	1/2		1/2	1/2				
3/4	1,883.79	3/4	1,539.97	3/4	1,196.15	3/4	864.21	3/4	523.04	3/4	179.24	3/4		3/4	3/4				
11	1,876.62	11	1,532.80	11	1,188.99	11	857.36	11	515.88	11	172.07	11		11	11				
1/4	1,869.46	1/4	1,525.64	1/4	1,181.82	1/4	850.50	1/4	508.72	1/4	164.91	1/4		1/4	1/4				
1/2	1,862.30	1/2	1,518.48	1/2	1,174.66	1/2	843.63	1/2	501.55	1/2	157.75	1/2		1/2	1/2				
3/4	1,855.14	3/4	1,511.32	3/4	1,167.50	3/4	836.77	3/4	494.39	3/4	150.59	3/4		3/4	3/4				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

2 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,951.74	0	4,609.94	0	4,267.52	0	3,923.78	0	3,580.08	0	3,236.44	0	2,892.76	0	2,549.02
1/4		1/4		1/4	4,944.66	1/4	4,602.81	1/4	4,260.36	1/4	3,916.62	1/4	3,572.92	1/4	3,229.29	1/4	2,885.60	1/4	2,541.86
1/2		1/2		1/2	4,937.58	1/2	4,595.69	1/2	4,253.19	1/2	3,909.46	1/2	3,565.76	1/2	3,222.13	1/2	2,878.44	1/2	2,534.70
3/4		3/4		3/4	4,930.49	3/4	4,588.56	3/4	4,246.03	3/4	3,902.30	3/4	3,558.60	3/4	3,214.97	3/4	2,871.28	3/4	2,527.54
1	1	1	1	1	4,923.41	1	4,581.43	1	4,238.87	1	3,895.13	1	3,551.44	1	3,207.81	1	2,864.12	1	2,520.38
1/4		1/4		1/4	4,916.33	1/4	4,574.30	1/4	4,231.71	1/4	3,887.97	1/4	3,544.28	1/4	3,200.65	1/4	2,856.95	1/4	2,513.22
1/2		1/2		1/2	4,909.24	1/2	4,567.17	1/2	4,224.55	1/2	3,880.81	1/2	3,537.12	1/2	3,193.49	1/2	2,849.79	1/2	2,506.06
3/4		3/4		3/4	4,902.16	3/4	4,560.04	3/4	4,217.39	3/4	3,873.65	3/4	3,529.96	3/4	3,186.33	3/4	2,842.63	3/4	2,498.89
2	2	2	2	2	4,895.08	2	4,552.92	2	4,210.23	2	3,866.49	2	3,522.80	2	3,179.17	2	2,835.47	2	2,491.73
1/4		1/4		1/4	4,887.95	1/4	4,545.79	1/4	4,203.07	1/4	3,859.33	1/4	3,515.65	1/4	3,172.01	1/4	2,828.31	1/4	2,484.57
1/2		1/2		1/2	4,880.82	1/2	4,538.66	1/2	4,195.90	1/2	3,852.17	1/2	3,508.49	1/2	3,164.85	1/2	2,821.15	1/2	2,477.41
3/4		3/4		3/4	4,873.69	3/4	4,531.53	3/4	4,188.74	3/4	3,845.01	3/4	3,501.33	3/4	3,157.70	3/4	2,813.99	3/4	2,470.25
3	3	3	3	3	4,866.56	3	4,524.40	3	4,181.58	3	3,837.84	3	3,494.17	3	3,150.54	3	2,806.83	3	2,463.09
1/4		1/4		1/4	4,859.44	1/4	4,517.27	1/4	4,174.42	1/4	3,830.68	1/4	3,487.01	1/4	3,143.38	1/4	2,799.66	1/4	2,455.93
1/2		1/2		1/2	4,852.31	1/2	4,510.14	1/2	4,167.26	1/2	3,823.52	1/2	3,479.85	1/2	3,136.22	1/2	2,792.50	1/2	2,448.77
3/4		3/4		3/4	4,845.18	3/4	4,503.02	3/4	4,160.10	3/4	3,816.36	3/4	3,472.69	3/4	3,129.06	3/4	2,785.34	3/4	2,441.60
4	4	4	4	4	4,838.05	4	4,495.89	4	4,152.94	4	3,809.20	4	3,465.53	4	3,121.90	4	2,778.18	4	2,434.44
1/4		1/4		1/4	4,830.92	1/4	4,488.76	1/4	4,145.78	1/4	3,802.04	1/4	3,458.37	1/4	3,114.74	1/4	2,771.02	1/4	2,427.28
1/2		1/2		1/2	4,823.79	1/2	4,481.63	1/2	4,138.62	1/2	3,794.88	1/2	3,451.21	1/2	3,107.58	1/2	2,763.86	1/2	2,420.12
3/4		3/4		3/4	4,816.67	3/4	4,474.50	3/4	4,131.45	3/4	3,787.72	3/4	3,444.06	3/4	3,100.42	3/4	2,756.70	3/4	2,412.96
5	5	5	5	5	4,809.54	5	4,467.37	5	4,124.29	5	3,780.56	5	3,436.90	5	3,093.26	5	2,749.54	5	2,405.80
1/4		1/4		1/4	4,802.41	1/4	4,460.25	1/4	4,117.13	1/4	3,773.39	1/4	3,429.74	1/4	3,086.11	1/4	2,742.37	1/4	2,398.64
1/2		1/2		1/2	4,795.28	1/2	4,453.12	1/2	4,109.97	1/2	3,766.23	1/2	3,422.58	1/2	3,078.95	1/2	2,735.21	1/2	2,391.48
3/4		3/4		3/4	4,788.15	3/4	4,445.99	3/4	4,102.81	3/4	3,759.07	3/4	3,415.42	3/4	3,071.79	3/4	2,728.05	3/4	2,384.31
6	6	6	5,096.34	6	4,781.02	6	4,438.86	6	4,095.65	6	3,751.91	6	3,408.26	6	3,064.63	6	2,720.89	6	2,377.15
1/4		1/4	5,092.54	1/4	4,773.90	1/4	4,431.73	1/4	4,088.49	1/4	3,744.75	1/4	3,401.10	1/4	3,057.47	1/4	2,713.73	1/4	2,369.99
1/2		1/2	5,088.74	1/2	4,766.77	1/2	4,424.60	1/2	4,081.33	1/2	3,737.59	1/2	3,393.94	1/2	3,050.31	1/2	2,706.57	1/2	2,362.83
3/4		3/4	5,084.94	3/4	4,759.64	3/4	4,417.48	3/4	4,074.16	3/4	3,730.43	3/4	3,386.78	3/4	3,043.15	3/4	2,699.41	3/4	2,355.67
7	7	7	5,081.14	7	4,752.51	7	4,410.35	7	4,067.00	7	3,723.27	7	3,379.62	7	3,035.98	7	2,692.25	7	2,348.51
1/4		1/4	5,076.14	1/4	4,745.38	1/4	4,403.22	1/4	4,059.84	1/4	3,716.10	1/4	3,372.47	1/4	3,028.82	1/4	2,685.09	1/4	2,341.35
1/2		1/2	5,071.15	1/2	4,738.25	1/2	4,396.09	1/2	4,052.68	1/2	3,708.94	1/2	3,365.31	1/2	3,021.66	1/2	2,677.92	1/2	2,334.19
3/4		3/4	5,066.15	3/4	4,731.13	3/4	4,388.96	3/4	4,045.52	3/4	3,701.78	3/4	3,358.15	3/4	3,014.50	3/4	2,670.76	3/4	2,327.03
8	8	8	5,061.16	8	4,724.00	8	4,381.83	8	4,038.36	8	3,694.62	8	3,350.99	8	3,007.34	8	2,663.60	8	2,319.86
1/4		1/4	5,054.97	1/4	4,716.87	1/4	4,374.71	1/4	4,031.20	1/4	3,687.46	1/4	3,343.83	1/4	3,000.18	1/4	2,656.44	1/4	2,312.70
1/2		1/2	5,048.78	1/2	4,709.74	1/2	4,367.58	1/2	4,024.04	1/2	3,680.30	1/2	3,336.67	1/2	2,993.02	1/2	2,649.28	1/2	2,305.54
3/4		3/4	5,042.59	3/4	4,702.61	3/4	4,360.45	3/4	4,016.87	3/4	3,673.14	3/4	3,329.51	3/4	2,985.86	3/4	2,642.12	3/4	2,298.38
9	9	9	5,036.40	9	4,695.48	9	4,353.32	9	4,009.71	9	3,665.98	9	3,322.35	9	2,978.69	9	2,634.96	9	2,291.22
1/4		1/4	5,029.39	1/4	4,688.35	1/4	4,346.19	1/4	4,002.55	1/4	3,658.83	1/4	3,315.19	1/4	2,971.53	1/4	2,627.80	1/4	2,284.06
1/2		1/2	5,022.37	1/2	4,681.23	1/2	4,339.06	1/2	3,995.39	1/2	3,651.67	1/2	3,308.03	1/2	2,964.37	1/2	2,620.63	1/2	2,276.90
3/4		3/4	5,015.36	3/4	4,674.10	3/4	4,331.93	3/4	3,988.23	3/4	3,644.51	3/4	3,300.88	3/4	2,957.21	3/4	2,613.47	3/4	2,269.74
10	10	10	5,008.35	10	4,666.97	10	4,324.81	10	3,981.07	10	3,637.35	10	3,293.72	10	2,950.05	10	2,606.31	10	2,262.57
1/4		1/4	5,001.28	1/4	4,659.84	1/4	4,317.65	1/4	3,973.91	1/4	3,630.19	1/4	3,286.56	1/4	2,942.89	1/4	2,599.15	1/4	2,255.41
1/2		1/2	4,994.21	1/2	4,652.71	1/2	4,310.48	1/2	3,966.75	1/2	3,623.03	1/2	3,279.40	1/2	2,935.73	1/2	2,591.99	1/2	2,248.25
3/4		3/4	4,987.14	3/4	4,645.58	3/4	4,303.32	3/4	3,959.59	3/4	3,615.87	3/4	3,272.24	3/4	2,928.57	3/4	2,584.83	3/4	2,241.09
11	11	11	4,980.07	11	4,638.46	11	4,296.16	11	3,952.42	11	3,608.71	11	3,265.08	11	2,921.40	11	2,577.67	11	2,233.93
1/4		1/4	4,972.99	1/4	4,631.33	1/4	4,289.00	1/4	3,945.26	1/4	3,601.55	1/4	3,257.92	1/4	2,914.24	1/4	2,570.51	1/4	2,226.77
1/2		1/2	4,965.91	1/2	4,624.20	1/2	4,281.84	1/2	3,938.10	1/2	3,594.39	1/2	3,250.76	1/2	2,907.08	1/2	2,563.34	1/2	2,219.61
3/4		3/4	4,958.82	3/4	4,617.07	3/4	4,274.68	3/4	3,930.94	3/4	3,587.24	3/4	3,243.60	3/4	2,899.92	3/4	2,556.18	3/4	2,212.45

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" 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 3308"

formerly the
BARGE "FMT 3308"

2 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,205.28	0	1,861.55	0	1,517.81	0	1,174.07	0	830.83	0	487.11	0	143.39	0		0			
1/4	2,198.12	1/4	1,854.39	1/4	1,510.65	1/4	1,166.91	1/4	823.67	1/4	479.95	1/4	136.23	1/4	1/4				
1/2	2,190.96	1/2	1,847.22	1/2	1,503.49	1/2	1,159.75	1/2	816.51	1/2	472.79	1/2	129.07	1/2	1/2				
3/4	2,183.80	3/4	1,840.06	3/4	1,496.33	3/4	1,152.59	3/4	809.35	3/4	465.63	3/4	121.91	3/4	3/4				
1	2,176.64	1	1,832.90	1	1,489.16	1	1,145.43	1	802.19	1	458.47	1	114.75	1	1				
1/4	2,169.48	1/4	1,825.74	1/4	1,482.00	1/4	1,138.27	1/4	795.03	1/4	451.31	1/4	107.60	1/4	1/4				
1/2	2,162.32	1/2	1,818.58	1/2	1,474.84	1/2	1,131.10	1/2	787.87	1/2	444.15	1/2	100.45	1/2	1/2				
3/4	2,155.16	3/4	1,811.42	3/4	1,467.68	3/4	1,123.94	3/4	780.71	3/4	436.98	3/4	93.30	3/4	3/4				
2	2,148.00	2	1,804.26	2	1,460.52	2	1,116.78	2	773.55	2	429.82	2	86.15	2	2				
1/4	2,140.83	1/4	1,797.10	1/4	1,453.36	1/4	1,109.63	1/4	766.39	1/4	422.66	1/4	79.02	1/4	1/4				
1/2	2,133.67	1/2	1,789.94	1/2	1,446.20	1/2	1,102.47	1/2	759.23	1/2	415.50	1/2	71.90	1/2	1/2				
3/4	2,126.51	3/4	1,782.77	3/4	1,439.04	3/4	1,095.32	3/4	752.06	3/4	408.34	3/4	64.77	3/4	3/4				
3	2,119.35	3	1,775.61	3	1,431.88	3	1,088.16	3	744.90	3	401.18	3	57.65	3	3				
1/4	2,112.19	1/4	1,768.45	1/4	1,424.71	1/4	1,081.01	1/4	737.74	1/4	394.02	1/4	51.39	1/4	1/4				
1/2	2,105.03	1/2	1,761.29	1/2	1,417.55	1/2	1,073.87	1/2	730.58	1/2	386.86	1/2	45.12	1/2	1/2				
3/4	2,097.87	3/4	1,754.13	3/4	1,410.39	3/4	1,066.72	3/4	723.42	3/4	379.70	3/4	38.86	3/4	3/4				
4	2,090.71	4	1,746.97	4	1,403.23	4	1,059.57	4	716.26	4	372.54	4	32.59	4	4				
1/4	2,083.54	1/4	1,739.81	1/4	1,396.07	1/4	1,052.43	1/4	709.10	1/4	365.38	1/4	28.12	1/4	1/4				
1/2	2,076.38	1/2	1,732.65	1/2	1,388.91	1/2	1,045.28	1/2	701.94	1/2	358.22	1/2	23.64	1/2	1/2				
3/4	2,069.22	3/4	1,725.48	3/4	1,381.75	3/4	1,038.13	3/4	694.78	3/4	351.05	3/4	19.17	3/4	3/4				
5	2,062.06	5	1,718.32	5	1,374.59	5	1,030.98	5	687.62	5	343.89	5	14.69	5	5				
1/4	2,054.90	1/4	1,711.16	1/4	1,367.42	1/4	1,023.84	1/4	680.46	1/4	336.73	1/4		1/4	1/4				
1/2	2,047.74	1/2	1,704.00	1/2	1,360.26	1/2	1,016.69	1/2	673.29	1/2	329.57	1/2		1/2	1/2				
3/4	2,040.58	3/4	1,696.84	3/4	1,353.10	3/4	1,009.54	3/4	666.13	3/4	322.41	3/4		3/4	3/4				
6	2,033.42	6	1,689.68	6	1,345.94	6	1,002.40	6	658.97	6	315.25	6		6	6				
1/4	2,026.25	1/4	1,682.52	1/4	1,338.78	1/4	995.25	1/4	651.81	1/4	308.09	1/4		1/4	1/4				
1/2	2,019.09	1/2	1,675.36	1/2	1,331.62	1/2	988.10	1/2	644.65	1/2	300.93	1/2		1/2	1/2				
3/4	2,011.93	3/4	1,668.19	3/4	1,324.46	3/4	980.96	3/4	637.49	3/4	293.77	3/4		3/4	3/4				
7	2,004.77	7	1,661.03	7	1,317.30	7	973.81	7	630.33	7	286.61	7		7	7				
1/4	1,997.61	1/4	1,653.87	1/4	1,310.13	1/4	966.66	1/4	623.17	1/4	279.45	1/4		1/4	1/4				
1/2	1,990.45	1/2	1,646.71	1/2	1,302.97	1/2	959.51	1/2	616.01	1/2	272.28	1/2		1/2	1/2				
3/4	1,983.29	3/4	1,639.55	3/4	1,295.81	3/4	952.37	3/4	608.85	3/4	265.12	3/4		3/4	3/4				
8	1,976.13	8	1,632.39	8	1,288.65	8	945.22	8	601.69	8	257.96	8		8	8				
1/4	1,968.97	1/4	1,625.23	1/4	1,281.49	1/4	938.07	1/4	594.52	1/4	250.80	1/4		1/4	1/4				
1/2	1,961.80	1/2	1,618.07	1/2	1,274.33	1/2	930.93	1/2	587.36	1/2	243.64	1/2		1/2	1/2				
3/4	1,954.64	3/4	1,610.91	3/4	1,267.17	3/4	923.78	3/4	580.20	3/4	236.48	3/4		3/4	3/4				
9	1,947.48	9	1,603.74	9	1,260.01	9	916.63	9	573.04	9	229.32	9		9	9				
1/4	1,940.32	1/4	1,596.58	1/4	1,252.85	1/4	909.49	1/4	565.88	1/4	222.16	1/4		1/4	1/4				
1/2	1,933.16	1/2	1,589.42	1/2	1,245.68	1/2	902.34	1/2	558.72	1/2	215.00	1/2		1/2	1/2				
3/4	1,926.00	3/4	1,582.26	3/4	1,238.52	3/4	895.19	3/4	551.56	3/4	207.84	3/4		3/4	3/4				
10	1,918.84	10	1,575.10	10	1,231.36	10	888.04	10	544.40	10	200.68	10		10	10				
1/4	1,911.68	1/4	1,567.94	1/4	1,224.20	1/4	880.90	1/4	537.24	1/4	193.51	1/4		1/4	1/4				
1/2	1,904.51	1/2	1,560.78	1/2	1,217.04	1/2	873.75	1/2	530.08	1/2	186.35	1/2		1/2	1/2				
3/4	1,897.35	3/4	1,553.62	3/4	1,209.88	3/4	866.60	3/4	522.92	3/4	179.19	3/4		3/4	3/4				
11	1,890.19	11	1,546.45	11	1,202.72	11	859.46	11	515.75	11	172.03	11		11	11				
1/4	1,883.03	1/4	1,539.29	1/4	1,195.56	1/4	852.30	1/4	508.59	1/4	164.87	1/4		1/4	1/4				
1/2	1,875.87	1/2	1,532.13	1/2	1,188.39	1/2	845.15	1/2	501.43	1/2	157.71	1/2		1/2	1/2				
3/4	1,868.71	3/4	1,524.97	3/4	1,181.23	3/4	837.99	3/4	494.27	3/4	150.55	3/4		3/4	3/4				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

3 PORT
ULLAGE TABLE

HERMETIC
GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,296.88	0	4,088.38	0	3,879.51	0	3,669.90	0	3,460.56	0	3,194.31	0	2,853.05	0	2,511.70
1/4		1/4		1/4	4,292.56	1/4	4,084.03	1/4	3,875.15	1/4	3,665.54	1/4	3,456.21	1/4	3,187.22	1/4	2,845.94	1/4	2,504.59
1/2		1/2		1/2	4,288.24	1/2	4,079.68	1/2	3,870.78	1/2	3,661.17	1/2	3,451.86	1/2	3,180.13	1/2	2,838.83	1/2	2,497.48
3/4		3/4		3/4	4,283.92	3/4	4,075.34	3/4	3,866.41	3/4	3,656.80	3/4	3,447.51	3/4	3,173.04	3/4	2,831.72	3/4	2,490.37
1		1		1	4,279.60	1	4,070.99	1	3,862.05	1	3,652.43	1	3,443.15	1	3,165.95	1	2,824.61	1	2,483.25
1/4		1/4		1/4	4,275.28	1/4	4,066.64	1/4	3,857.68	1/4	3,648.07	1/4	3,438.80	1/4	3,158.86	1/4	2,817.49	1/4	2,476.14
1/2		1/2		1/2	4,270.96	1/2	4,062.29	1/2	3,853.31	1/2	3,643.70	1/2	3,434.45	1/2	3,151.77	1/2	2,810.38	1/2	2,469.03
3/4		3/4		3/4	4,266.64	3/4	4,057.94	3/4	3,848.94	3/4	3,639.33	3/4	3,430.10	3/4	3,144.68	3/4	2,803.27	3/4	2,461.92
2		2		2	4,262.29	2	4,053.60	2	3,844.58	2	3,634.97	2	3,425.75	2	3,137.59	2	2,796.16	2	2,454.80
1/4		1/4		1/4	4,257.94	1/4	4,049.25	1/4	3,840.21	1/4	3,630.60	1/4	3,421.40	1/4	3,130.50	1/4	2,789.05	1/4	2,447.69
1/2		1/2		1/2	4,253.60	1/2	4,044.90	1/2	3,835.84	1/2	3,626.23	1/2	3,417.05	1/2	3,123.41	1/2	2,781.94	1/2	2,440.58
3/4		3/4		3/4	4,249.25	3/4	4,040.55	3/4	3,831.48	3/4	3,621.87	3/4	3,412.70	3/4	3,116.32	3/4	2,774.83	3/4	2,433.47
3		3		3	4,244.90	3	4,036.21	3	3,827.11	3	3,617.50	3	3,408.35	3	3,109.21	3	2,767.71	3	2,426.35
1/4		1/4		1/4	4,240.55	1/4	4,031.86	1/4	3,822.74	1/4	3,613.13	1/4	3,404.00	1/4	3,102.11	1/4	2,760.60	1/4	2,419.24
1/2		1/2		1/2	4,236.20	1/2	4,027.51	1/2	3,818.38	1/2	3,608.77	1/2	3,399.64	1/2	3,095.00	1/2	2,753.49	1/2	2,412.13
3/4		3/4		3/4	4,231.86	3/4	4,023.16	3/4	3,814.01	3/4	3,604.40	3/4	3,395.29	3/4	3,087.89	3/4	2,746.38	3/4	2,405.02
4		4		4	4,227.51	4	4,018.81	4	3,809.64	4	3,600.03	4	3,390.94	4	3,080.78	4	2,739.27	4	2,397.90
1/4		1/4		1/4	4,223.16	1/4	4,014.47	1/4	3,805.28	1/4	3,595.66	1/4	3,386.59	1/4	3,073.68	1/4	2,732.16	1/4	2,390.79
1/2		1/2		1/2	4,218.81	1/2	4,010.12	1/2	3,800.91	1/2	3,591.30	1/2	3,382.24	1/2	3,066.57	1/2	2,725.04	1/2	2,383.68
3/4		3/4		3/4	4,214.47	3/4	4,005.77	3/4	3,796.54	3/4	3,586.93	3/4	3,377.89	3/4	3,059.46	3/4	2,717.93	3/4	2,376.57
5		5		5	4,210.12	5	4,001.42	5	3,792.18	5	3,582.56	5	3,373.56	5	3,052.35	5	2,710.82	5	2,369.45
1/4		1/4		1/4	4,205.77	1/4	3,997.08	1/4	3,787.81	1/4	3,578.20	1/4	3,369.22	1/4	3,045.24	1/4	2,703.71	1/4	2,362.34
1/2		1/2		1/2	4,201.42	1/2	3,992.73	1/2	3,783.44	1/2	3,573.83	1/2	3,364.89	1/2	3,038.14	1/2	2,696.60	1/2	2,355.23
3/4		3/4	4,382.21	3/4	4,197.07	3/4	3,988.38	3/4	3,779.07	3/4	3,569.46	3/4	3,360.56	3/4	3,031.03	3/4	2,689.49	3/4	2,348.12
6		6	4,380.50	6	4,192.73	6	3,984.03	6	3,774.71	6	3,565.10	6	3,356.22	6	3,023.91	6	2,682.38	6	2,341.00
1/4		1/4	4,378.80	1/4	4,188.38	1/4	3,979.68	1/4	3,770.34	1/4	3,560.73	1/4	3,351.89	1/4	3,016.78	1/4	2,675.26	1/4	2,333.89
1/2		1/2	4,377.09	1/2	4,184.03	1/2	3,975.34	1/2	3,765.97	1/2	3,556.36	1/2	3,347.56	1/2	3,009.66	1/2	2,668.15	1/2	2,326.78
3/4		3/4	4,375.39	3/4	4,179.68	3/4	3,970.99	3/4	3,761.61	3/4	3,552.00	3/4	3,343.23	3/4	3,002.54	3/4	2,661.04	3/4	2,319.67
7		7	4,373.14	7	4,175.34	7	3,966.64	7	3,757.24	7	3,547.63	7	3,336.13	7	2,995.41	7	2,653.93	7	2,312.55
1/4		1/4	4,370.90	1/4	4,170.99	1/4	3,962.29	1/4	3,752.87	1/4	3,543.26	1/4	3,329.04	1/4	2,988.29	1/4	2,646.82	1/4	2,305.44
1/2		1/2	4,368.66	1/2	4,166.64	1/2	3,957.95	1/2	3,748.51	1/2	3,538.89	1/2	3,321.95	1/2	2,981.17	1/2	2,639.71	1/2	2,298.33
3/4		3/4	4,366.42	3/4	4,162.29	3/4	3,953.60	3/4	3,744.14	3/4	3,534.53	3/4	3,314.86	3/4	2,974.04	3/4	2,632.60	3/4	2,291.22
8		8	4,362.99	8	4,157.94	8	3,949.25	8	3,739.77	8	3,530.18	8	3,307.77	8	2,966.92	8	2,625.48	8	2,284.10
1/4		1/4	4,359.56	1/4	4,153.60	1/4	3,944.90	1/4	3,735.41	1/4	3,525.83	1/4	3,300.68	1/4	2,959.80	1/4	2,618.37	1/4	2,276.99
1/2		1/2	4,356.13	1/2	4,149.25	1/2	3,940.55	1/2	3,731.04	1/2	3,521.47	1/2	3,293.58	1/2	2,952.67	1/2	2,611.26	1/2	2,269.88
3/4		3/4	4,352.70	3/4	4,144.90	3/4	3,936.21	3/4	3,726.67	3/4	3,517.12	3/4	3,286.49	3/4	2,945.55	3/4	2,604.15	3/4	2,262.77
9		9	4,348.45	9	4,140.55	9	3,931.86	9	3,722.30	9	3,512.77	9	3,279.40	9	2,938.43	9	2,597.04	9	2,255.65
1/4		1/4	4,344.20	1/4	4,136.21	1/4	3,927.51	1/4	3,717.94	1/4	3,508.42	1/4	3,272.31	1/4	2,931.30	1/4	2,589.93	1/4	2,248.54
1/2		1/2	4,339.94	1/2	4,131.86	1/2	3,923.16	1/2	3,713.57	1/2	3,504.07	1/2	3,265.22	1/2	2,924.18	1/2	2,582.81	1/2	2,241.43
3/4		3/4	4,335.69	3/4	4,127.51	3/4	3,918.82	3/4	3,709.20	3/4	3,499.72	3/4	3,258.12	3/4	2,917.06	3/4	2,575.70	3/4	2,234.32
10		10	4,331.39	10	4,123.16	10	3,914.45	10	3,704.84	10	3,495.37	10	3,251.03	10	2,909.94	10	2,568.59	10	2,227.20
1/4		1/4	4,327.08	1/4	4,118.81	1/4	3,910.08	1/4	3,700.47	1/4	3,491.02	1/4	3,243.94	1/4	2,902.83	1/4	2,561.48	1/4	2,220.09
1/2		1/2	4,322.77	1/2	4,114.47	1/2	3,905.71	1/2	3,696.10	1/2	3,486.67	1/2	3,236.85	1/2	2,895.72	1/2	2,554.37	1/2	2,212.98
3/4		3/4	4,318.47	3/4	4,110.12	3/4	3,901.35	3/4	3,691.74	3/4	3,482.31	3/4	3,229.76	3/4	2,888.61	3/4	2,547.26	3/4	2,205.87
11		11	4,314.15	11	4,105.77	11	3,896.98	11	3,687.37	11	3,477.96	11	3,222.67	11	2,881.50	11	2,540.15	11	2,198.75
1/4		1/4	4,309.83	1/4	4,101.42	1/4	3,892.61	1/4	3,683.00	1/4	3,473.61	1/4	3,215.58	1/4	2,874.39	1/4	2,533.03	1/4	2,191.64
1/2		1/2	4,305.52	1/2	4,097.08	1/2	3,888.25	1/2	3,678.64	1/2	3,469.26	1/2	3,208.49	1/2	2,867.27	1/2	2,525.92	1/2	2,184.53
3/4		3/4	4,301.20	3/4	4,092.73	3/4	3,883.88	3/4	3,674.27	3/4	3,464.91	3/4	3,201.40	3/4	2,860.16	3/4	2,518.81	3/4	2,177.42

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

3 PORT
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,170.30	0	1,828.90	0	1,487.50	0	1,146.10	0	818.17	0	477.40	0	135.56	0		0		0	
1/4	2,163.19	1/4	1,821.79	1/4	1,480.39	1/4	1,138.99	1/4	811.28	1/4	470.29	1/4	128.43	1/4	1/4	1/4		1/4	
1/2	2,156.08	1/2	1,814.68	1/2	1,473.28	1/2	1,131.88	1/2	804.40	1/2	463.17	1/2	121.31	1/2	1/2	1/2		1/2	
3/4	2,148.97	3/4	1,807.57	3/4	1,466.17	3/4	1,124.77	3/4	797.52	3/4	456.06	3/4	114.18	3/4	3/4	3/4		3/4	
1	2,141.85	1	1,800.45	1	1,459.05	1	1,117.88	1	790.41	1	448.94	1	107.07	1	1	1		1	
1/4	2,134.74	1/4	1,793.34	1/4	1,451.94	1/4	1,111.00	1/4	783.29	1/4	441.83	1/4	99.95	1/4	1/4	1/4		1/4	
1/2	2,127.63	1/2	1,786.23	1/2	1,444.83	1/2	1,104.12	1/2	776.18	1/2	434.72	1/2	92.84	1/2	1/2	1/2		1/2	
3/4	2,120.52	3/4	1,779.12	3/4	1,437.72	3/4	1,097.24	3/4	769.07	3/4	427.60	3/4	85.72	3/4	3/4	3/4		3/4	
2	2,113.40	2	1,772.00	2	1,430.60	2	1,090.43	2	761.95	2	420.49	2	78.63	2	2	2		2	
1/4	2,106.29	1/4	1,764.89	1/4	1,423.49	1/4	1,083.62	1/4	754.84	1/4	413.38	1/4	71.55	1/4	1/4	1/4		1/4	
1/2	2,099.18	1/2	1,757.78	1/2	1,416.38	1/2	1,076.81	1/2	747.72	1/2	406.26	1/2	64.46	1/2	1/2	1/2		1/2	
3/4	2,092.07	3/4	1,750.67	3/4	1,409.27	3/4	1,069.99	3/4	740.61	3/4	399.15	3/4	57.37	3/4	3/4	3/4		3/4	
3	2,084.95	3	1,743.55	3	1,402.15	3	1,063.19	3	733.50	3	392.03	3	51.13	3	3	3		3	
1/4	2,077.84	1/4	1,736.44	1/4	1,395.04	1/4	1,056.39	1/4	726.38	1/4	384.92	1/4	44.90	1/4	1/4	1/4		1/4	
1/2	2,070.73	1/2	1,729.33	1/2	1,387.93	1/2	1,049.58	1/2	719.27	1/2	377.81	1/2	38.67	1/2	1/2	1/2		1/2	
3/4	2,063.62	3/4	1,722.22	3/4	1,380.82	3/4	1,042.78	3/4	712.15	3/4	370.69	3/4	32.43	3/4	3/4	3/4		3/4	
4	2,056.50	4	1,715.10	4	1,373.70	4	1,035.98	4	705.04	4	363.57	4	27.98	4	4	4		4	
1/4	2,049.39	1/4	1,707.99	1/4	1,366.59	1/4	1,029.18	1/4	697.93	1/4	356.44	1/4	23.53	1/4	1/4	1/4		1/4	
1/2	2,042.28	1/2	1,700.88	1/2	1,359.48	1/2	1,022.37	1/2	690.81	1/2	349.32	1/2	19.07	1/2	1/2	1/2		1/2	
3/4	2,035.17	3/4	1,693.77	3/4	1,352.37	3/4	1,015.57	3/4	683.70	3/4	342.19	3/4	14.62	3/4	3/4	3/4		3/4	
5	2,028.05	5	1,686.65	5	1,345.25	5	1,008.77	5	676.59	5	335.07	5		5	5	5		5	
1/4	2,020.94	1/4	1,679.54	1/4	1,338.14	1/4	1,001.96	1/4	669.47	1/4	327.94	1/4		1/4	1/4	1/4		1/4	
1/2	2,013.83	1/2	1,672.43	1/2	1,331.03	1/2	995.16	1/2	662.36	1/2	320.81	1/2		1/2	1/2	1/2		1/2	
3/4	2,006.72	3/4	1,665.32	3/4	1,323.92	3/4	988.36	3/4	655.24	3/4	313.69	3/4		3/4	3/4	3/4		3/4	
6	1,999.60	6	1,658.20	6	1,316.80	6	981.55	6	648.13	6	306.56	6		6	6	6		6	
1/4	1,992.49	1/4	1,651.09	1/4	1,309.69	1/4	974.75	1/4	641.02	1/4	299.44	1/4		1/4	1/4	1/4		1/4	
1/2	1,985.38	1/2	1,643.98	1/2	1,302.58	1/2	967.95	1/2	633.90	1/2	292.31	1/2		1/2	1/2	1/2		1/2	
3/4	1,978.27	3/4	1,636.87	3/4	1,295.47	3/4	961.14	3/4	626.79	3/4	285.19	3/4		3/4	3/4	3/4		3/4	
7	1,971.15	7	1,629.75	7	1,288.35	7	954.34	7	619.68	7	278.06	7		7	7	7		7	
1/4	1,964.04	1/4	1,622.64	1/4	1,281.24	1/4	947.54	1/4	612.56	1/4	270.94	1/4		1/4	1/4	1/4		1/4	
1/2	1,956.93	1/2	1,615.53	1/2	1,274.13	1/2	940.73	1/2	605.45	1/2	263.81	1/2		1/2	1/2	1/2		1/2	
3/4	1,949.82	3/4	1,608.42	3/4	1,267.02	3/4	933.93	3/4	598.33	3/4	256.69	3/4		3/4	3/4	3/4		3/4	
8	1,942.70	8	1,601.30	8	1,259.90	8	927.13	8	591.22	8	249.56	8		8	8	8		8	
1/4	1,935.59	1/4	1,594.19	1/4	1,252.79	1/4	920.32	1/4	584.11	1/4	242.44	1/4		1/4	1/4	1/4		1/4	
1/2	1,928.48	1/2	1,587.08	1/2	1,245.68	1/2	913.52	1/2	576.99	1/2	235.31	1/2		1/2	1/2	1/2		1/2	
3/4	1,921.37	3/4	1,579.97	3/4	1,238.57	3/4	906.72	3/4	569.88	3/4	228.18	3/4		3/4	3/4	3/4		3/4	
9	1,914.25	9	1,572.85	9	1,231.45	9	899.91	9	562.77	9	221.06	9		9	9	9		9	
1/4	1,907.14	1/4	1,565.74	1/4	1,224.34	1/4	893.11	1/4	555.65	1/4	213.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,900.03	1/2	1,558.63	1/2	1,217.23	1/2	886.31	1/2	548.54	1/2	206.81	1/2		1/2	1/2	1/2		1/2	
3/4	1,892.92	3/4	1,551.52	3/4	1,210.12	3/4	879.50	3/4	541.42	3/4	199.68	3/4		3/4	3/4	3/4		3/4	
10	1,885.80	10	1,544.40	10	1,203.00	10	872.70	10	534.31	10	192.56	10		10	10	10		10	
1/4	1,878.69	1/4	1,537.29	1/4	1,195.89	1/4	865.90	1/4	527.20	1/4	185.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,871.58	1/2	1,530.18	1/2	1,188.78	1/2	859.10	1/2	520.08	1/2	178.31	1/2		1/2	1/2	1/2		1/2	
3/4	1,864.47	3/4	1,523.07	3/4	1,181.67	3/4	852.29	3/4	512.97	3/4	171.18	3/4		3/4	3/4	3/4		3/4	
11	1,857.35	11	1,515.95	11	1,174.55	11	845.48	11	505.85	11	164.06	11		11	11	11		11	
1/4	1,850.24	1/4	1,508.84	1/4	1,167.44	1/4	838.67	1/4	498.74	1/4	156.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,843.13	1/2	1,501.73	1/2	1,160.33	1/2	831.86	1/2	491.63	1/2	149.81	1/2		1/2	1/2	1/2		1/2	
3/4	1,836.02	3/4	1,494.62	3/4	1,153.22	3/4	825.05	3/4	484.51	3/4	142.68	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

3 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,318.16	0	4,109.62	0	3,900.69	0	3,691.00	0	3,481.32	0	3,217.53	0	2,876.71	0	2,535.44
1/4		1/4		1/4	4,313.84	1/4	4,105.27	1/4	3,896.32	1/4	3,686.64	1/4	3,476.95	1/4	3,210.44	1/4	2,869.60	1/4	2,528.32
1/2		1/2		1/2	4,309.52	1/2	4,100.92	1/2	3,891.96	1/2	3,682.27	1/2	3,472.58	1/2	3,203.36	1/2	2,862.50	1/2	2,521.20
3/4		3/4		3/4	4,305.20	3/4	4,096.57	3/4	3,887.59	3/4	3,677.90	3/4	3,468.21	3/4	3,196.27	3/4	2,855.39	3/4	2,514.07
1		1		1	4,300.88	1	4,092.22	1	3,883.22	1	3,673.53	1	3,463.84	1	3,189.18	1	2,848.29	1	2,506.95
1/4		1/4		1/4	4,296.56	1/4	4,087.87	1/4	3,878.85	1/4	3,669.16	1/4	3,459.47	1/4	3,182.09	1/4	2,841.18	1/4	2,499.82
1/2		1/2		1/2	4,292.24	1/2	4,083.52	1/2	3,874.48	1/2	3,664.79	1/2	3,455.11	1/2	3,175.01	1/2	2,834.08	1/2	2,492.70
3/4		3/4		3/4	4,287.91	3/4	4,079.17	3/4	3,870.11	3/4	3,660.42	3/4	3,450.74	3/4	3,167.92	3/4	2,826.97	3/4	2,485.58
2		2		2	4,283.59	2	4,074.82	2	3,865.74	2	3,656.06	2	3,446.37	2	3,160.83	2	2,819.87	2	2,478.46
1/4		1/4		1/4	4,279.24	1/4	4,070.47	1/4	3,861.38	1/4	3,651.69	1/4	3,442.00	1/4	3,153.74	1/4	2,812.76	1/4	2,471.33
1/2		1/2		1/2	4,274.89	1/2	4,066.12	1/2	3,857.01	1/2	3,647.32	1/2	3,437.63	1/2	3,146.66	1/2	2,805.66	1/2	2,464.21
3/4		3/4		3/4	4,270.54	3/4	4,061.77	3/4	3,852.64	3/4	3,642.95	3/4	3,433.26	3/4	3,139.57	3/4	2,798.55	3/4	2,457.09
3		3		3	4,266.19	3	4,057.42	3	3,848.27	3	3,638.58	3	3,428.89	3	3,132.48	3	2,791.45	3	2,449.96
1/4		1/4		1/4	4,261.85	1/4	4,053.07	1/4	3,843.90	1/4	3,634.21	1/4	3,424.53	1/4	3,125.38	1/4	2,784.34	1/4	2,442.84
1/2		1/2		1/2	4,257.50	1/2	4,048.72	1/2	3,839.53	1/2	3,629.85	1/2	3,420.16	1/2	3,118.27	1/2	2,777.24	1/2	2,435.72
3/4		3/4		3/4	4,253.15	3/4	4,044.38	3/4	3,835.16	3/4	3,625.48	3/4	3,415.79	3/4	3,111.17	3/4	2,770.14	3/4	2,428.59
4		4		4	4,248.80	4	4,040.03	4	3,830.80	4	3,621.11	4	3,411.42	4	3,104.06	4	2,763.03	4	2,421.47
1/4		1/4		1/4	4,244.45	1/4	4,035.68	1/4	3,826.43	1/4	3,616.74	1/4	3,407.05	1/4	3,096.96	1/4	2,755.93	1/4	2,414.35
1/2		1/2		1/2	4,240.10	1/2	4,031.33	1/2	3,822.06	1/2	3,612.37	1/2	3,402.68	1/2	3,089.85	1/2	2,748.82	1/2	2,407.23
3/4		3/4		3/4	4,235.75	3/4	4,026.98	3/4	3,817.69	3/4	3,608.00	3/4	3,398.31	3/4	3,082.75	3/4	2,741.72	3/4	2,400.10
5		5		5	4,231.40	5	4,022.63	5	3,813.32	5	3,603.63	5	3,393.95	5	3,075.64	5	2,734.61	5	2,392.98
1/4		1/4		1/4	4,227.05	1/4	4,018.28	1/4	3,808.95	1/4	3,599.27	1/4	3,389.61	1/4	3,068.54	1/4	2,727.51	1/4	2,385.86
1/2		1/2		1/2	4,222.70	1/2	4,013.93	1/2	3,804.59	1/2	3,594.90	1/2	3,385.28	1/2	3,061.43	1/2	2,720.40	1/2	2,378.73
3/4		3/4		3/4	4,218.35	3/4	4,009.58	3/4	3,800.22	3/4	3,590.53	3/4	3,380.95	3/4	3,054.33	3/4	2,713.30	3/4	2,371.61
6		6	4,399.21	6	4,214.00	6	4,005.23	6	3,795.85	6	3,586.16	6	3,376.61	6	3,047.22	6	2,706.19	6	2,364.49
1/4		1/4	4,397.50	1/4	4,209.65	1/4	4,000.88	1/4	3,791.48	1/4	3,581.79	1/4	3,372.28	1/4	3,040.12	1/4	2,699.09	1/4	2,357.36
1/2		1/2	4,395.80	1/2	4,205.30	1/2	3,996.53	1/2	3,787.11	1/2	3,577.42	1/2	3,367.95	1/2	3,033.01	1/2	2,691.98	1/2	2,350.24
3/4		3/4	4,394.09	3/4	4,200.95	3/4	3,992.18	3/4	3,782.74	3/4	3,573.05	3/4	3,363.62	3/4	3,025.91	3/4	2,684.88	3/4	2,343.12
7		7	4,392.38	7	4,196.60	7	3,987.83	7	3,778.37	7	3,568.69	7	3,359.28	7	3,018.80	7	2,677.77	7	2,336.00
1/4		1/4	4,390.14	1/4	4,192.26	1/4	3,983.48	1/4	3,774.01	1/4	3,564.32	1/4	3,355.20	1/4	3,011.70	1/4	2,670.67	1/4	2,328.87
1/2		1/2	4,387.90	1/2	4,187.91	1/2	3,979.13	1/2	3,769.64	1/2	3,559.95	1/2	3,345.11	1/2	3,004.59	1/2	2,663.56	1/2	2,321.75
3/4		3/4	4,385.65	3/4	4,183.56	3/4	3,974.79	3/4	3,765.27	3/4	3,555.58	3/4	3,338.02	3/4	2,997.49	3/4	2,656.46	3/4	2,314.63
8		8	4,383.41	8	4,179.21	8	3,970.44	8	3,760.90	8	3,551.21	8	3,330.93	8	2,990.38	8	2,649.35	8	2,307.50
1/4		1/4	4,379.97	1/4	4,174.86	1/4	3,966.09	1/4	3,756.53	1/4	3,546.84	1/4	3,323.85	1/4	2,983.28	1/4	2,642.25	1/4	2,300.38
1/2		1/2	4,376.54	1/2	4,170.51	1/2	3,961.74	1/2	3,752.16	1/2	3,542.48	1/2	3,316.76	1/2	2,976.17	1/2	2,635.14	1/2	2,293.26
3/4		3/4	4,373.11	3/4	4,166.16	3/4	3,957.39	3/4	3,747.79	3/4	3,538.11	3/4	3,309.67	3/4	2,969.07	3/4	2,628.04	3/4	2,286.13
9		9	4,369.68	9	4,161.81	9	3,953.04	9	3,743.43	9	3,533.74	9	3,302.58	9	2,961.96	9	2,620.93	9	2,279.01
1/4		1/4	4,365.43	1/4	4,157.46	1/4	3,948.69	1/4	3,739.06	1/4	3,529.37	1/4	3,295.49	1/4	2,954.86	1/4	2,613.81	1/4	2,271.89
1/2		1/2	4,361.17	1/2	4,153.11	1/2	3,944.34	1/2	3,734.69	1/2	3,525.00	1/2	3,288.41	1/2	2,947.76	1/2	2,606.69	1/2	2,264.77
3/4		3/4	4,356.92	3/4	4,148.76	3/4	3,939.99	3/4	3,730.32	3/4	3,520.63	3/4	3,281.32	3/4	2,940.65	3/4	2,599.56	3/4	2,257.64
10		10	4,352.67	10	4,144.41	10	3,935.64	10	3,725.95	10	3,516.26	10	3,274.23	10	2,933.55	10	2,592.44	10	2,250.52
1/4		1/4	4,348.36	1/4	4,140.06	1/4	3,931.27	1/4	3,721.58	1/4	3,511.90	1/4	3,267.14	1/4	2,926.44	1/4	2,585.31	1/4	2,243.40
1/2		1/2	4,344.05	1/2	4,135.71	1/2	3,926.90	1/2	3,717.22	1/2	3,507.53	1/2	3,260.06	1/2	2,919.34	1/2	2,578.19	1/2	2,236.27
3/4		3/4	4,339.74	3/4	4,131.36	3/4	3,922.53	3/4	3,712.85	3/4	3,503.16	3/4	3,252.97	3/4	2,912.23	3/4	2,571.06	3/4	2,229.15
11		11	4,335.44	11	4,127.01	11	3,918.17	11	3,708.48	11	3,498.79	11	3,245.88	11	2,905.13	11	2,563.94	11	2,222.03
1/4		1/4	4,331.12	1/4	4,122.66	1/4	3,913.80	1/4	3,704.11	1/4	3,494.42	1/4	3,238.79	1/4	2,898.02	1/4	2,556.82	1/4	2,214.90
1/2		1/2	4,326.80	1/2	4,118.32	1/2	3,909.43	1/2	3,699.74	1/2	3,490.05	1/2	3,231.71	1/2	2,890.92	1/2	2,549.69	1/2	2,207.78
3/4		3/4	4,322.48	3/4	4,113.97	3/4	3,905.06	3/4	3,695.37	3/4	3,485.68	3/4	3,224.62	3/4	2,883.81	3/4	2,542.57	3/4	2,200.66

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

3 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,193.54	0	1,851.63	0	1,509.73	0	1,167.82	0	826.42	0	484.52	0	142.63	0		0			
1/4	2,186.41	1/4	1,844.51	1/4	1,502.60	1/4	1,160.70	1/4	819.29	1/4	477.40	1/4	135.51	1/4	1/4				
1/2	2,179.29	1/2	1,837.39	1/2	1,495.48	1/2	1,153.58	1/2	812.17	1/2	470.28	1/2	128.38	1/2	1/2				
3/4	2,172.17	3/4	1,830.26	3/4	1,488.36	3/4	1,146.45	3/4	805.05	3/4	463.15	3/4	121.26	3/4	3/4				
1	2,165.04	1	1,823.14	1	1,481.24	1	1,139.33	1	797.93	1	456.03	1	114.14	1	1				
1/4	2,157.92	1/4	1,816.02	1/4	1,474.11	1/4	1,132.21	1/4	790.80	1/4	448.91	1/4	107.03	1/4	1/4				
1/2	2,150.80	1/2	1,808.89	1/2	1,466.99	1/2	1,125.09	1/2	783.68	1/2	441.79	1/2	99.92	1/2	1/2				
3/4	2,143.67	3/4	1,801.77	3/4	1,459.87	3/4	1,117.96	3/4	776.56	3/4	434.66	3/4	92.81	3/4	3/4				
2	2,136.55	2	1,794.65	2	1,452.74	2	1,110.84	2	769.43	2	427.54	2	85.69	2	2				
1/4	2,129.43	1/4	1,787.52	1/4	1,445.62	1/4	1,103.72	1/4	762.31	1/4	420.42	1/4	78.61	1/4	1/4				
1/2	2,122.31	1/2	1,780.40	1/2	1,438.50	1/2	1,096.60	1/2	755.19	1/2	413.29	1/2	71.52	1/2	1/2				
3/4	2,115.18	3/4	1,773.28	3/4	1,431.37	3/4	1,089.49	3/4	748.07	3/4	406.17	3/4	64.43	3/4	3/4				
3	2,108.06	3	1,766.16	3	1,424.25	3	1,082.37	3	740.94	3	399.05	3	57.35	3	3				
1/4	2,100.94	1/4	1,759.03	1/4	1,417.13	1/4	1,075.26	1/4	733.82	1/4	391.93	1/4	51.11	1/4	1/4				
1/2	2,093.81	1/2	1,751.91	1/2	1,410.01	1/2	1,068.15	1/2	726.70	1/2	384.80	1/2	44.88	1/2	1/2				
3/4	2,086.69	3/4	1,744.79	3/4	1,402.88	3/4	1,061.04	3/4	719.57	3/4	377.68	3/4	38.65	3/4	3/4				
4	2,079.57	4	1,737.66	4	1,395.76	4	1,053.93	4	712.45	4	370.56	4	32.42	4	4				
1/4	2,072.44	1/4	1,730.54	1/4	1,388.64	1/4	1,046.82	1/4	705.33	1/4	363.43	1/4	27.97	1/4	1/4				
1/2	2,065.32	1/2	1,723.42	1/2	1,381.51	1/2	1,039.72	1/2	698.21	1/2	356.31	1/2	23.52	1/2	1/2				
3/4	2,058.20	3/4	1,716.29	3/4	1,374.39	3/4	1,032.61	3/4	691.08	3/4	349.19	3/4	19.07	3/4	3/4				
5	2,051.08	5	1,709.17	5	1,367.27	5	1,025.50	5	683.96	5	342.07	5	14.61	5	5				
1/4	2,043.95	1/4	1,702.05	1/4	1,360.14	1/4	1,018.39	1/4	676.84	1/4	334.94	1/4		1/4	1/4				
1/2	2,036.83	1/2	1,694.93	1/2	1,353.02	1/2	1,011.28	1/2	669.71	1/2	327.82	1/2		1/2	1/2				
3/4	2,029.71	3/4	1,687.80	3/4	1,345.90	3/4	1,004.17	3/4	662.59	3/4	320.70	3/4		3/4	3/4				
6	2,022.58	6	1,680.68	6	1,338.78	6	997.06	6	655.47	6	313.57	6		6	6				
1/4	2,015.46	1/4	1,673.56	1/4	1,331.65	1/4	989.95	1/4	648.35	1/4	306.45	1/4		1/4	1/4				
1/2	2,008.34	1/2	1,666.43	1/2	1,324.53	1/2	982.84	1/2	641.22	1/2	299.33	1/2		1/2	1/2				
3/4	2,001.21	3/4	1,659.31	3/4	1,317.41	3/4	975.73	3/4	634.10	3/4	292.21	3/4		3/4	3/4				
7	1,994.09	7	1,652.19	7	1,310.28	7	968.63	7	626.98	7	285.08	7		7	7				
1/4	1,986.97	1/4	1,645.06	1/4	1,303.16	1/4	961.52	1/4	619.86	1/4	277.96	1/4		1/4	1/4				
1/2	1,979.85	1/2	1,637.94	1/2	1,296.04	1/2	954.41	1/2	612.73	1/2	270.84	1/2		1/2	1/2				
3/4	1,972.72	3/4	1,630.82	3/4	1,288.91	3/4	947.30	3/4	605.61	3/4	263.72	3/4		3/4	3/4				
8	1,965.60	8	1,623.70	8	1,281.79	8	940.19	8	598.49	8	256.59	8		8	8				
1/4	1,958.48	1/4	1,616.57	1/4	1,274.67	1/4	933.08	1/4	591.36	1/4	249.47	1/4		1/4	1/4				
1/2	1,951.35	1/2	1,609.45	1/2	1,267.55	1/2	925.97	1/2	584.24	1/2	242.35	1/2		1/2	1/2				
3/4	1,944.23	3/4	1,602.33	3/4	1,260.42	3/4	918.86	3/4	577.12	3/4	235.22	3/4		3/4	3/4				
9	1,937.11	9	1,595.20	9	1,253.30	9	911.75	9	570.00	9	228.10	9		9	9				
1/4	1,929.98	1/4	1,588.08	1/4	1,246.18	1/4	904.65	1/4	562.87	1/4	220.98	1/4		1/4	1/4				
1/2	1,922.86	1/2	1,580.96	1/2	1,239.05	1/2	897.54	1/2	555.75	1/2	213.86	1/2		1/2	1/2				
3/4	1,915.74	3/4	1,573.83	3/4	1,231.93	3/4	890.43	3/4	548.63	3/4	206.73	3/4		3/4	3/4				
10	1,908.62	10	1,566.71	10	1,224.81	10	883.32	10	541.50	10	199.61	10		10	10				
1/4	1,901.49	1/4	1,559.59	1/4	1,217.68	1/4	876.21	1/4	534.38	1/4	192.49	1/4		1/4	1/4				
1/2	1,894.37	1/2	1,552.47	1/2	1,210.56	1/2	869.10	1/2	527.26	1/2	185.36	1/2		1/2	1/2				
3/4	1,887.25	3/4	1,545.34	3/4	1,203.44	3/4	861.99	3/4	520.14	3/4	178.24	3/4		3/4	3/4				
11	1,880.12	11	1,538.22	11	1,196.32	11	854.88	11	513.01	11	171.12	11		11	11				
1/4	1,873.00	1/4	1,531.10	1/4	1,189.19	1/4	847.77	1/4	505.89	1/4	164.00	1/4		1/4	1/4				
1/2	1,865.88	1/2	1,523.97	1/2	1,182.07	1/2	840.65	1/2	498.77	1/2	156.87	1/2		1/2	1/2				
3/4	1,858.75	3/4	1,516.85	3/4	1,174.95	3/4	833.53	3/4	491.64	3/4	149.75	3/4		3/4	3/4				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

INNAGE (10" 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	02-0/8	- 02-0/8	04-0/8	- 04-0/8	06-0/8	- 06-0/8	08-1/8	- 08-1/8	10-1/8	- 10-1/8	12-1/8	- 12-1/8
1 STBD	02-0/8	- 02-0/8	04-0/8	- 04-0/8	06-0/8	- 06-0/8	08-1/8	- 08-1/8	10-1/8	- 10-1/8	12-1/8	- 12-1/8
2 PORT	02-0/8	- 02-0/8	04-0/8	- 04-0/8	06-1/8	- 06-1/8	08-1/8	- 08-1/8	10-1/8	- 10-1/8	12-1/8	- 12-1/8
2 STBD	02-0/8	- 02-0/8	04-0/8	- 04-0/8	06-1/8	- 06-1/8	08-1/8	- 08-1/8	10-1/8	- 10-1/8	12-1/8	- 12-1/8
3 PORT	- 02-0/8	02-0/8	- 04-0/8	04-0/8	- 06-0/8	06-0/8	- 08-0/8	08-0/8	- 10-1/8	10-1/8	- 12-1/8	12-1/8
3 STBD	- 02-0/8	02-0/8	- 04-0/8	04-0/8	- 06-0/8	06-0/8	- 08-0/8	08-0/8	- 10-1/8	10-1/8	- 12-1/8	12-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 08-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-03 7/8"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 8, 2020

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

**1 PORT
INNAGE TABLE**

**10" HATCH
GAUGE HEIGHT 18'-02"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	251.91	0	582.50	0	923.79	0	1,265.33	0	1,608.06	0	1,950.80	0	2,293.53	0	2,636.26	0	2,978.97
1/4	3.94	1/4	258.38	1/4	589.64	1/4	930.87	1/4	1,272.47	1/4	1,615.20	1/4	1,957.94	1/4	2,300.67	1/4	2,643.40	1/4	2,986.10
1/2	5.72	1/2	264.86	1/2	596.78	1/2	937.95	1/2	1,279.61	1/2	1,622.34	1/2	1,965.08	1/2	2,307.81	1/2	2,650.53	1/2	2,993.24
3/4	7.51	3/4	271.33	3/4	603.92	3/4	945.03	3/4	1,286.75	3/4	1,629.48	3/4	1,972.22	3/4	2,314.95	3/4	2,657.67	3/4	3,000.38
1	9.29	1	277.80	1	611.06	1	952.11	1	1,293.89	1	1,636.62	1	1,979.36	1	2,322.09	1	2,664.81	1	3,007.52
1/4	12.09	1/4	284.36	1/4	618.20	1/4	959.19	1/4	1,301.03	1/4	1,643.77	1/4	1,986.50	1/4	2,329.23	1/4	2,671.95	1/4	3,014.66
1/2	14.89	1/2	290.91	1/2	625.34	1/2	966.27	1/2	1,308.17	1/2	1,650.91	1/2	1,993.64	1/2	2,336.37	1/2	2,679.09	1/2	3,021.80
3/4	17.69	3/4	297.47	3/4	632.48	3/4	973.35	3/4	1,315.31	3/4	1,658.05	3/4	2,000.78	3/4	2,343.51	3/4	2,686.23	3/4	3,028.94
2	20.48	2	304.03	2	639.62	2	980.43	2	1,322.45	2	1,665.19	2	2,007.92	2	2,350.65	2	2,693.37	2	3,036.07
1/4	24.34	1/4	310.67	1/4	646.76	1/4	987.51	1/4	1,329.59	1/4	1,672.33	1/4	2,015.06	1/4	2,357.80	1/4	2,700.51	1/4	3,043.21
1/2	28.19	1/2	317.31	1/2	653.90	1/2	994.58	1/2	1,336.73	1/2	1,679.47	1/2	2,022.20	1/2	2,364.94	1/2	2,707.65	1/2	3,050.35
3/4	32.04	3/4	323.95	3/4	661.04	3/4	1,001.66	3/4	1,343.87	3/4	1,686.61	3/4	2,029.34	3/4	2,372.08	3/4	2,714.79	3/4	3,057.49
3	35.89	3	330.58	3	668.18	3	1,008.74	3	1,351.01	3	1,693.75	3	2,036.48	3	2,379.22	3	2,721.93	3	3,064.62
1/4	41.15	1/4	337.31	1/4	675.32	1/4	1,015.83	1/4	1,358.15	1/4	1,700.89	1/4	2,043.62	1/4	2,386.36	1/4	2,729.07	1/4	3,071.76
1/2	46.41	1/2	344.03	1/2	682.46	1/2	1,022.91	1/2	1,365.29	1/2	1,708.03	1/2	2,050.76	1/2	2,393.50	1/2	2,736.21	1/2	3,078.90
3/4	51.66	3/4	350.75	3/4	689.60	3/4	1,030.00	3/4	1,372.43	3/4	1,715.17	3/4	2,057.90	3/4	2,400.64	3/4	2,743.35	3/4	3,086.04
4	56.92	4	357.48	4	696.74	4	1,037.08	4	1,379.57	4	1,722.31	4	2,065.04	4	2,407.78	4	2,750.49	4	3,093.18
1/4	62.70	1/4	364.28	1/4	703.88	1/4	1,044.18	1/4	1,386.71	1/4	1,729.45	1/4	2,072.18	1/4	2,414.92	1/4	2,757.63	1/4	3,100.31
1/2	68.48	1/2	371.09	1/2	711.02	1/2	1,051.28	1/2	1,393.85	1/2	1,736.59	1/2	2,079.32	1/2	2,422.06	1/2	2,764.77	1/2	3,107.45
3/4	74.27	3/4	377.90	3/4	718.16	3/4	1,058.37	3/4	1,401.00	3/4	1,743.73	3/4	2,086.46	3/4	2,429.20	3/4	2,771.91	3/4	3,114.59
5	80.05	5	384.70	5	725.30	5	1,065.47	5	1,408.14	5	1,750.87	5	2,093.60	5	2,436.34	5	2,779.05	5	3,121.73
1/4	85.93	1/4	391.59	1/4	732.42	1/4	1,072.59	1/4	1,415.28	1/4	1,758.01	1/4	2,100.74	1/4	2,443.48	1/4	2,786.19	1/4	3,128.87
1/2	91.81	1/2	398.48	1/2	739.54	1/2	1,079.72	1/2	1,422.42	1/2	1,765.15	1/2	2,107.88	1/2	2,450.62	1/2	2,793.33	1/2	3,136.00
3/4	97.70	3/4	405.37	3/4	746.67	3/4	1,086.84	3/4	1,429.56	3/4	1,772.29	3/4	2,115.03	3/4	2,457.76	3/4	2,800.47	3/4	3,143.14
6	103.58	6	412.26	6	753.79	6	1,093.96	6	1,436.70	6	1,779.43	6	2,122.17	6	2,464.90	6	2,807.61	6	3,150.28
1/4	109.55	1/4	419.23	1/4	760.89	1/4	1,101.10	1/4	1,443.84	1/4	1,786.57	1/4	2,129.31	1/4	2,472.04	1/4	2,814.75	1/4	3,157.42
1/2	115.52	1/2	426.20	1/2	767.98	1/2	1,108.24	1/2	1,450.98	1/2	1,793.71	1/2	2,136.45	1/2	2,479.18	1/2	2,821.89	1/2	3,164.56
3/4	121.49	3/4	433.17	3/4	775.08	3/4	1,115.38	3/4	1,458.12	3/4	1,800.85	3/4	2,143.59	3/4	2,486.32	3/4	2,829.03	3/4	3,171.69
7	127.46	7	440.14	7	782.18	7	1,122.52	7	1,465.26	7	1,807.99	7	2,150.73	7	2,493.46	7	2,836.17	7	3,178.83
1/4	133.52	1/4	447.20	1/4	789.26	1/4	1,129.66	1/4	1,472.40	1/4	1,815.13	1/4	2,157.87	1/4	2,500.60	1/4	2,843.31	1/4	3,185.97
1/2	139.58	1/2	454.25	1/2	796.34	1/2	1,136.80	1/2	1,479.54	1/2	1,822.27	1/2	2,165.01	1/2	2,507.74	1/2	2,850.45	1/2	3,193.11
3/4	145.63	3/4	461.30	3/4	803.43	3/4	1,143.94	3/4	1,486.68	3/4	1,829.41	3/4	2,172.15	3/4	2,514.88	3/4	2,857.59	3/4	3,200.25
8	151.69	8	468.35	8	810.51	8	1,151.08	8	1,493.82	8	1,836.55	8	2,179.29	8	2,522.02	8	2,864.73	8	3,207.38
1/4	157.83	1/4	475.47	1/4	817.59	1/4	1,158.22	1/4	1,500.96	1/4	1,843.69	1/4	2,186.43	1/4	2,529.16	1/4	2,871.87	1/4	3,214.52
1/2	163.96	1/2	482.58	1/2	824.67	1/2	1,165.37	1/2	1,508.10	1/2	1,850.83	1/2	2,193.57	1/2	2,536.30	1/2	2,879.01	1/2	3,221.66
3/4	170.10	3/4	489.70	3/4	831.75	3/4	1,172.51	3/4	1,515.24	3/4	1,857.97	3/4	2,200.71	3/4	2,543.44	3/4	2,886.15	3/4	3,228.80
9	176.24	9	496.82	9	838.83	9	1,179.65	9	1,522.38	9	1,865.11	9	2,207.85	9	2,550.58	9	2,893.29	9	3,235.93
1/4	182.46	1/4	503.96	1/4	845.91	1/4	1,186.79	1/4	1,529.52	1/4	1,872.25	1/4	2,214.99	1/4	2,557.72	1/4	2,900.43	1/4	3,243.07
1/2	188.69	1/2	511.10	1/2	852.99	1/2	1,193.93	1/2	1,536.66	1/2	1,879.40	1/2	2,222.13	1/2	2,564.86	1/2	2,907.57	1/2	3,250.21
3/4	194.91	3/4	518.24	3/4	860.07	3/4	1,201.07	3/4	1,543.80	3/4	1,886.54	3/4	2,229.27	3/4	2,572.00	3/4	2,914.71	3/4	3,257.35
10	201.13	10	525.38	10	867.15	10	1,208.21	10	1,550.94	10	1,893.68	10	2,236.41	10	2,579.14	10	2,921.85	10	3,264.49
1/4	207.44	1/4	532.52	1/4	874.23	1/4	1,215.35	1/4	1,558.08	1/4	1,900.82	1/4	2,243.55	1/4	2,586.28	1/4	2,928.99	1/4	3,271.62
1/2	213.74	1/2	539.66	1/2	881.31	1/2	1,222.49	1/2	1,565.22	1/2	1,907.96	1/2	2,250.69	1/2	2,593.43	1/2	2,936.13	1/2	3,278.76
3/4	220.05	3/4	546.80	3/4	888.39	3/4	1,229.63	3/4	1,572.36	3/4	1,915.10	3/4	2,257.83	3/4	2,600.57	3/4	2,943.27	3/4	3,285.90
11	226.35	11	553.94	11	895.47	11	1,236.77	11	1,579.50	11	1,922.24	11	2,264.97	11	2,607.71	11	2,950.41	11	3,293.04
1/4	232.74	1/4	561.08	1/4	902.55	1/4	1,243.91	1/4	1,586.64	1/4	1,929.38	1/4	2,272.11	1/4	2,614.84	1/4	2,957.55	1/4	3,300.18
1/2	239.13	1/2	568.22	1/2	909.63	1/2	1,251.05	1/2	1,593.78	1/2	1,936.52	1/2	2,279.25	1/2	2,621.98	1/2	2,964.69	1/2	3,307.31
3/4	245.52	3/4	575.36	3/4	916.71	3/4	1,258.19	3/4	1,600.92	3/4	1,943.66	3/4	2,286.39	3/4	2,629.12	3/4	2,971.83	3/4	3,314.45

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

1 PORT
INNAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,321.59	0	3,664.21	0	4,006.93	0	4,349.18	0	4,690.33	0	5,011.34	0		0		0		0	
1/4	3,328.73	1/4	3,671.35	1/4	4,014.07	1/4	4,356.29	1/4	4,697.43	1/4	5,014.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,335.87	1/2	3,678.49	1/2	4,021.21	1/2	4,363.39	1/2	4,704.54	1/2	5,017.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,343.00	3/4	3,685.63	3/4	4,028.35	3/4	4,370.50	3/4	4,711.65	3/4	5,020.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,350.14	1	3,692.77	1	4,035.49	1	4,377.61	1	4,718.75	1	5,024.12	1	1	1	1	1	1	1	1
1/4	3,357.28	1/4	3,699.91	1/4	4,042.63	1/4	4,384.72	1/4	4,725.86	1/4	5,026.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,364.42	1/2	3,707.05	1/2	4,049.77	1/2	4,391.82	1/2	4,732.97	1/2	5,028.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,371.55	3/4	3,714.19	3/4	4,056.91	3/4	4,398.93	3/4	4,740.08	3/4	5,030.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,378.69	2	3,721.33	2	4,064.05	2	4,406.04	2	4,747.18	2	5,032.14	2	2	2	2	2	2	2	2
1/4	3,385.83	1/4	3,728.47	1/4	4,071.19	1/4	4,413.15	1/4	4,754.29	1/4	5,033.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,392.97	1/2	3,735.61	1/2	4,078.33	1/2	4,420.25	1/2	4,761.40	1/2	5,034.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,400.11	3/4	3,742.75	3/4	4,085.47	3/4	4,427.36	3/4	4,768.51	3/4	5,034.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,407.24	3	3,749.89	3	4,092.61	3	4,434.47	3	4,775.61	3	5,035.85	3	3	3	3	3	3	3	3
1/4	3,414.38	1/4	3,757.03	1/4	4,099.75	1/4	4,441.57	1/4	4,782.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,421.52	1/2	3,764.17	1/2	4,106.89	1/2	4,448.68	1/2	4,789.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,428.66	3/4	3,771.31	3/4	4,114.03	3/4	4,455.79	3/4	4,796.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,435.80	4	3,778.45	4	4,121.17	4	4,462.90	4	4,804.04	4		4	4	4	4	4	4	4	4
1/4	3,442.93	1/4	3,785.59	1/4	4,128.31	1/4	4,470.00	1/4	4,811.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,450.07	1/2	3,792.73	1/2	4,135.45	1/2	4,477.11	1/2	4,818.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,457.21	3/4	3,799.87	3/4	4,142.59	3/4	4,484.22	3/4	4,825.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,464.35	5	3,807.01	5	4,149.73	5	4,491.32	5	4,832.38	5		5	5	5	5	5	5	5	5
1/4	3,471.49	1/4	3,814.15	1/4	4,156.87	1/4	4,498.43	1/4	4,839.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,478.62	1/2	3,821.29	1/2	4,164.01	1/2	4,505.54	1/2	4,846.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,485.76	3/4	3,828.43	3/4	4,171.15	3/4	4,512.65	3/4	4,853.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,492.90	6	3,835.57	6	4,178.29	6	4,519.75	6	4,860.63	6		6	6	6	6	6	6	6	6
1/4	3,500.04	1/4	3,842.71	1/4	4,185.43	1/4	4,526.86	1/4	4,867.69	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,507.17	1/2	3,849.85	1/2	4,192.57	1/2	4,533.97	1/2	4,874.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,514.31	3/4	3,856.99	3/4	4,199.71	3/4	4,541.07	3/4	4,881.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,521.45	7	3,864.13	7	4,206.85	7	4,548.18	7	4,888.88	7		7	7	7	7	7	7	7	7
1/4	3,528.59	1/4	3,871.27	1/4	4,213.99	1/4	4,555.29	1/4	4,895.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,535.73	1/2	3,878.41	1/2	4,221.13	1/2	4,562.40	1/2	4,902.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,542.86	3/4	3,885.55	3/4	4,228.27	3/4	4,569.50	3/4	4,910.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,550.00	8	3,892.69	8	4,235.41	8	4,576.61	8	4,917.10	8		8	8	8	8	8	8	8	8
1/4	3,557.14	1/4	3,899.83	1/4	4,242.53	1/4	4,583.72	1/4	4,924.12	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,564.28	1/2	3,906.97	1/2	4,249.65	1/2	4,590.83	1/2	4,931.14	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,571.42	3/4	3,914.11	3/4	4,256.77	3/4	4,597.93	3/4	4,938.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,578.55	9	3,921.25	9	4,263.89	9	4,605.04	9	4,945.18	9		9	9	9	9	9	9	9	9
1/4	3,585.69	1/4	3,928.39	1/4	4,271.00	1/4	4,612.15	1/4	4,951.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,592.83	1/2	3,935.53	1/2	4,278.11	1/2	4,619.25	1/2	4,958.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,599.97	3/4	3,942.67	3/4	4,285.22	3/4	4,626.36	3/4	4,964.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,607.11	10	3,949.81	10	4,292.32	10	4,633.47	10	4,971.51	10		10	10	10	10	10	10	10	10
1/4	3,614.24	1/4	3,956.95	1/4	4,299.43	1/4	4,640.58	1/4	4,977.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,621.38	1/2	3,964.09	1/2	4,306.54	1/2	4,647.68	1/2	4,982.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,628.52	3/4	3,971.23	3/4	4,313.64	3/4	4,654.79	3/4	4,988.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,635.65	11	3,978.37	11	4,320.75	11	4,661.90	11	4,993.81	11		11	11	11	11	11	11	11	11
1/4	3,642.79	1/4	3,985.51	1/4	4,327.86	1/4	4,669.00	1/4	4,998.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,649.93	1/2	3,992.65	1/2	4,334.97	1/2	4,676.11	1/2	5,002.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,657.07	3/4	3,999.79	3/4	4,342.07	3/4	4,683.22	3/4	5,006.96	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: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

**1 STBD
INNAGE TABLE**

**10" HATCH
GAUGE HEIGHT 18'-02"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	251.97	0	582.71	0	925.40	0	1,268.14	0	1,611.00	0	1,953.86	0	2,296.73	0	2,639.58	0	2,982.42
1/4	3.94	1/4	258.44	1/4	589.85	1/4	932.53	1/4	1,275.28	1/4	1,618.14	1/4	1,961.01	1/4	2,303.87	1/4	2,646.72	1/4	2,989.56
1/2	5.72	1/2	264.92	1/2	596.99	1/2	939.67	1/2	1,282.42	1/2	1,625.29	1/2	1,968.15	1/2	2,311.01	1/2	2,653.86	1/2	2,996.70
3/4	7.51	3/4	271.39	3/4	604.14	3/4	946.80	3/4	1,289.56	3/4	1,632.43	3/4	1,975.29	3/4	2,318.16	3/4	2,661.01	3/4	3,003.84
1	9.29	1	277.87	1	611.28	1	953.93	1	1,296.71	1	1,639.57	1	1,982.44	1	2,325.30	1	2,668.15	1	3,010.99
1/4	12.09	1/4	284.42	1/4	618.42	1/4	961.07	1/4	1,303.85	1/4	1,646.71	1/4	1,989.58	1/4	2,332.44	1/4	2,675.29	1/4	3,018.13
1/2	14.89	1/2	290.98	1/2	625.57	1/2	968.20	1/2	1,310.99	1/2	1,653.86	1/2	1,996.72	1/2	2,339.59	1/2	2,682.43	1/2	3,025.27
3/4	17.69	3/4	297.54	3/4	632.71	3/4	975.34	3/4	1,318.14	3/4	1,661.00	3/4	2,003.86	3/4	2,346.73	3/4	2,689.58	3/4	3,032.41
2	20.49	2	304.10	2	639.85	2	982.47	2	1,325.28	2	1,668.14	2	2,011.01	2	2,353.87	2	2,696.72	2	3,039.55
1/4	24.34	1/4	310.74	1/4	646.99	1/4	989.61	1/4	1,332.42	1/4	1,675.29	1/4	2,018.15	1/4	2,361.01	1/4	2,703.86	1/4	3,046.69
1/2	28.19	1/2	317.38	1/2	654.14	1/2	996.74	1/2	1,339.57	1/2	1,682.43	1/2	2,025.29	1/2	2,368.16	1/2	2,711.00	1/2	3,053.83
3/4	32.05	3/4	324.02	3/4	661.28	3/4	1,003.87	3/4	1,346.71	3/4	1,689.57	3/4	2,032.44	3/4	2,375.30	3/4	2,718.15	3/4	3,060.97
3	35.90	3	330.67	3	668.42	3	1,011.01	3	1,353.85	3	1,696.72	3	2,039.58	3	2,382.44	3	2,725.29	3	3,068.11
1/4	41.16	1/4	337.39	1/4	675.57	1/4	1,018.15	1/4	1,360.99	1/4	1,703.86	1/4	2,046.72	1/4	2,389.59	1/4	2,732.43	1/4	3,075.25
1/2	46.42	1/2	344.12	1/2	682.71	1/2	1,025.28	1/2	1,368.14	1/2	1,711.00	1/2	2,053.87	1/2	2,396.73	1/2	2,739.57	1/2	3,082.39
3/4	51.67	3/4	350.84	3/4	689.85	3/4	1,032.42	3/4	1,375.28	3/4	1,718.14	3/4	2,061.01	3/4	2,403.87	3/4	2,746.72	3/4	3,089.53
4	56.93	4	357.57	4	696.99	4	1,039.56	4	1,382.42	4	1,725.29	4	2,068.15	4	2,411.02	4	2,753.86	4	3,096.67
1/4	62.71	1/4	364.37	1/4	704.14	1/4	1,046.70	1/4	1,389.57	1/4	1,732.43	1/4	2,075.29	1/4	2,418.16	1/4	2,761.00	1/4	3,103.81
1/2	68.50	1/2	371.18	1/2	711.28	1/2	1,053.85	1/2	1,396.71	1/2	1,739.57	1/2	2,082.44	1/2	2,425.30	1/2	2,768.14	1/2	3,110.95
3/4	74.28	3/4	377.99	3/4	718.42	3/4	1,060.99	3/4	1,403.85	3/4	1,746.72	3/4	2,089.58	3/4	2,432.44	3/4	2,775.29	3/4	3,118.10
5	80.06	5	384.80	5	725.56	5	1,068.13	5	1,411.00	5	1,753.86	5	2,096.72	5	2,439.59	5	2,782.43	5	3,125.24
1/4	85.95	1/4	391.69	1/4	732.71	1/4	1,075.27	1/4	1,418.14	1/4	1,761.00	1/4	2,103.87	1/4	2,446.73	1/4	2,789.57	1/4	3,132.38
1/2	91.83	1/2	398.58	1/2	739.85	1/2	1,082.42	1/2	1,425.28	1/2	1,768.15	1/2	2,111.01	1/2	2,453.87	1/2	2,796.71	1/2	3,139.52
3/4	97.71	3/4	405.48	3/4	746.99	3/4	1,089.56	3/4	1,432.42	3/4	1,775.29	3/4	2,118.15	3/4	2,461.02	3/4	2,803.86	3/4	3,146.66
6	103.60	6	412.37	6	754.14	6	1,096.70	6	1,439.57	6	1,782.43	6	2,125.30	6	2,468.16	6	2,811.00	6	3,153.80
1/4	109.57	1/4	419.34	1/4	761.28	1/4	1,103.85	1/4	1,446.71	1/4	1,789.57	1/4	2,132.44	1/4	2,475.30	1/4	2,818.14	1/4	3,160.94
1/2	115.54	1/2	426.32	1/2	768.42	1/2	1,110.99	1/2	1,453.85	1/2	1,796.72	1/2	2,139.58	1/2	2,482.45	1/2	2,825.28	1/2	3,168.08
3/4	121.52	3/4	433.30	3/4	775.56	3/4	1,118.13	3/4	1,461.00	3/4	1,803.86	3/4	2,146.72	3/4	2,489.59	3/4	2,832.43	3/4	3,175.22
7	127.49	7	440.27	7	782.70	7	1,125.28	7	1,468.14	7	1,811.00	7	2,153.87	7	2,496.73	7	2,839.57	7	3,182.36
1/4	133.55	1/4	447.33	1/4	789.84	1/4	1,132.42	1/4	1,475.28	1/4	1,818.15	1/4	2,161.01	1/4	2,503.87	1/4	2,846.71	1/4	3,189.50
1/2	139.60	1/2	454.39	1/2	796.98	1/2	1,139.56	1/2	1,482.43	1/2	1,825.29	1/2	2,168.15	1/2	2,511.02	1/2	2,853.85	1/2	3,196.64
3/4	145.66	3/4	461.45	3/4	804.12	3/4	1,146.70	3/4	1,489.57	3/4	1,832.43	3/4	2,175.30	3/4	2,518.16	3/4	2,861.00	3/4	3,203.78
8	151.72	8	468.51	8	811.25	8	1,153.85	8	1,496.71	8	1,839.58	8	2,182.44	8	2,525.30	8	2,868.14	8	3,210.92
1/4	157.86	1/4	475.63	1/4	818.39	1/4	1,160.99	1/4	1,503.85	1/4	1,846.72	1/4	2,189.58	1/4	2,532.45	1/4	2,875.28	1/4	3,218.06
1/2	164.00	1/2	482.75	1/2	825.52	1/2	1,168.13	1/2	1,511.00	1/2	1,853.86	1/2	2,196.73	1/2	2,539.59	1/2	2,882.42	1/2	3,225.20
3/4	170.14	3/4	489.87	3/4	832.66	3/4	1,175.28	3/4	1,518.14	3/4	1,861.00	3/4	2,203.87	3/4	2,546.73	3/4	2,889.57	3/4	3,232.34
9	176.28	9	497.00	9	839.79	9	1,182.42	9	1,525.28	9	1,868.15	9	2,211.01	9	2,553.88	9	2,896.71	9	3,239.49
1/4	182.50	1/4	504.14	1/4	846.92	1/4	1,189.56	1/4	1,532.43	1/4	1,875.29	1/4	2,218.15	1/4	2,561.02	1/4	2,903.85	1/4	3,246.63
1/2	188.73	1/2	511.28	1/2	854.06	1/2	1,196.71	1/2	1,539.57	1/2	1,882.43	1/2	2,225.30	1/2	2,568.16	1/2	2,910.99	1/2	3,253.77
3/4	194.95	3/4	518.42	3/4	861.19	3/4	1,203.85	3/4	1,546.71	3/4	1,889.58	3/4	2,232.44	3/4	2,575.30	3/4	2,918.14	3/4	3,260.91
10	201.17	10	525.57	10	868.33	10	1,210.99	10	1,553.86	10	1,896.72	10	2,239.58	10	2,582.45	10	2,925.28	10	3,268.05
1/4	207.48	1/4	532.71	1/4	875.46	1/4	1,218.13	1/4	1,561.00	1/4	1,903.86	1/4	2,246.73	1/4	2,589.59	1/4	2,932.42	1/4	3,275.19
1/2	213.79	1/2	539.85	1/2	882.59	1/2	1,225.28	1/2	1,568.14	1/2	1,911.01	1/2	2,253.87	1/2	2,596.73	1/2	2,939.56	1/2	3,282.33
3/4	220.10	3/4	547.00	3/4	889.73	3/4	1,232.42	3/4	1,575.28	3/4	1,918.15	3/4	2,261.01	3/4	2,603.88	3/4	2,946.71	3/4	3,289.47
11	226.40	11	554.14	11	896.86	11	1,239.56	11	1,582.43	11	1,925.29	11	2,268.16	11	2,611.02	11	2,953.85	11	3,296.61
1/4	232.80	1/4	561.28	1/4	904.00	1/4	1,246.71	1/4	1,589.57	1/4	1,932.43	1/4	2,275.30	1/4	2,618.16	1/4	2,960.99	1/4	3,303.75
1/2	239.19	1/2	568.42	1/2	911.13	1/2	1,253.85	1/2	1,596.71	1/2	1,939.58	1/2	2,282.44	1/2	2,625.30	1/2	2,968.13	1/2	3,310.89
3/4	245.58	3/4	575.57	3/4	918.26	3/4	1,260.99	3/4	1,603.86	3/4	1,946.72	3/4	2,289.58	3/4	2,632.44	3/4	2,975.28	3/4	3,318.03

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PMA



Barge "HSM 3308"
formerly the
BARGE "FMT 3308"

1 STBD
INNAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,325.17	0	3,667.93	0	4,010.77	0	4,353.15	0	4,694.43	0	5,015.56	0		0		0		0	
1/4	3,332.31	1/4	3,675.07	1/4	4,017.91	1/4	4,360.26	1/4	4,701.54	1/4	5,018.76	1/4		1/4		1/4		1/4	
1/2	3,339.45	1/2	3,682.21	1/2	4,025.06	1/2	4,367.37	1/2	4,708.65	1/2	5,021.95	1/2		1/2		1/2		1/2	
3/4	3,346.59	3/4	3,689.35	3/4	4,032.20	3/4	4,374.48	3/4	4,715.76	3/4	5,025.15	3/4		3/4		3/4		3/4	
1	3,353.74	1	3,696.50	1	4,039.34	1	4,381.59	1	4,722.87	1	5,028.34	1		1		1		1	
1/4	3,360.88	1/4	3,703.64	1/4	4,046.48	1/4	4,388.70	1/4	4,729.98	1/4	5,030.35	1/4		1/4		1/4		1/4	
1/2	3,368.02	1/2	3,710.78	1/2	4,053.63	1/2	4,395.81	1/2	4,737.09	1/2	5,032.35	1/2		1/2		1/2		1/2	
3/4	3,375.16	3/4	3,717.93	3/4	4,060.77	3/4	4,402.92	3/4	4,744.20	3/4	5,034.36	3/4		3/4		3/4		3/4	
2	3,382.30	2	3,725.07	2	4,067.91	2	4,410.03	2	4,751.31	2	5,036.36	2		2		2		2	
1/4	3,389.44	1/4	3,732.21	1/4	4,075.06	1/4	4,417.14	1/4	4,758.42	1/4	5,037.29	1/4		1/4		1/4		1/4	
1/2	3,396.58	1/2	3,739.35	1/2	4,082.20	1/2	4,424.25	1/2	4,765.53	1/2	5,038.22	1/2		1/2		1/2		1/2	
3/4	3,403.72	3/4	3,746.50	3/4	4,089.34	3/4	4,431.36	3/4	4,772.64	3/4	5,039.15	3/4		3/4		3/4		3/4	
3	3,410.86	3	3,753.64	3	4,096.48	3	4,438.47	3	4,779.75	3	5,040.08	3		3		3		3	
1/4	3,418.00	1/4	3,760.78	1/4	4,103.63	1/4	4,445.58	1/4	4,786.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,425.14	1/2	3,767.92	1/2	4,110.77	1/2	4,452.69	1/2	4,793.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,432.28	3/4	3,775.07	3/4	4,117.91	3/4	4,459.80	3/4	4,801.08	3/4		3/4		3/4		3/4		3/4	
4	3,439.42	4	3,782.21	4	4,125.05	4	4,466.91	4	4,808.19	4		4		4		4		4	
1/4	3,446.56	1/4	3,789.35	1/4	4,132.20	1/4	4,474.02	1/4	4,815.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,453.70	1/2	3,796.49	1/2	4,139.34	1/2	4,481.13	1/2	4,822.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,460.84	3/4	3,803.64	3/4	4,146.48	3/4	4,488.24	3/4	4,829.45	3/4		3/4		3/4		3/4		3/4	
5	3,467.98	5	3,810.78	5	4,153.62	5	4,495.35	5	4,836.53	5		5		5		5		5	
1/4	3,475.13	1/4	3,817.92	1/4	4,160.77	1/4	4,502.46	1/4	4,843.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,482.27	1/2	3,825.06	1/2	4,167.91	1/2	4,509.57	1/2	4,850.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,489.41	3/4	3,832.21	3/4	4,175.05	3/4	4,516.68	3/4	4,857.73	3/4		3/4		3/4		3/4		3/4	
6	3,496.55	6	3,839.35	6	4,182.19	6	4,523.79	6	4,864.79	6		6		6		6		6	
1/4	3,503.69	1/4	3,846.49	1/4	4,189.34	1/4	4,530.90	1/4	4,871.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,510.83	1/2	3,853.63	1/2	4,196.48	1/2	4,538.01	1/2	4,878.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,517.97	3/4	3,860.78	3/4	4,203.62	3/4	4,545.12	3/4	4,885.98	3/4		3/4		3/4		3/4		3/4	
7	3,525.11	7	3,867.92	7	4,210.76	7	4,552.23	7	4,893.05	7		7		7		7		7	
1/4	3,532.25	1/4	3,875.06	1/4	4,217.91	1/4	4,559.34	1/4	4,900.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,539.39	1/2	3,882.21	1/2	4,225.05	1/2	4,566.45	1/2	4,907.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,546.53	3/4	3,889.35	3/4	4,232.19	3/4	4,573.56	3/4	4,914.22	3/4		3/4		3/4		3/4		3/4	
8	3,553.67	8	3,896.49	8	4,239.34	8	4,580.67	8	4,921.28	8		8		8		8		8	
1/4	3,560.81	1/4	3,903.63	1/4	4,246.46	1/4	4,587.78	1/4	4,928.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,567.95	1/2	3,910.78	1/2	4,253.58	1/2	4,594.89	1/2	4,935.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,575.09	3/4	3,917.92	3/4	4,260.71	3/4	4,602.00	3/4	4,942.35	3/4		3/4		3/4		3/4		3/4	
9	3,582.23	9	3,925.06	9	4,267.83	9	4,609.11	9	4,949.37	9		9		9		9		9	
1/4	3,589.37	1/4	3,932.20	1/4	4,274.94	1/4	4,616.22	1/4	4,955.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,596.52	1/2	3,939.35	1/2	4,282.05	1/2	4,623.33	1/2	4,962.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.66	3/4	3,946.49	3/4	4,289.16	3/4	4,630.44	3/4	4,969.12	3/4		3/4		3/4		3/4		3/4	
10	3,610.80	10	3,953.63	10	4,296.27	10	4,637.55	10	4,975.71	10		10		10		10		10	
1/4	3,617.94	1/4	3,960.77	1/4	4,303.38	1/4	4,644.66	1/4	4,981.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,625.08	1/2	3,967.92	1/2	4,310.49	1/2	4,651.77	1/2	4,986.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.22	3/4	3,975.06	3/4	4,317.60	3/4	4,658.88	3/4	4,992.44	3/4		3/4		3/4		3/4		3/4	
11	3,639.36	11	3,982.20	11	4,324.71	11	4,665.99	11	4,998.01	11		11		11		11		11	
1/4	3,646.50	1/4	3,989.34	1/4	4,331.82	1/4	4,673.10	1/4	5,002.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,653.64	1/2	3,996.49	1/2	4,338.93	1/2	4,680.21	1/2	5,006.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,660.78	3/4	4,003.63	3/4	4,346.04	3/4	4,687.32	3/4	5,011.17	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

2 PORT INNAGE TABLE

10" HATCH GAUGE HEIGHT 18'-02 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.16	0	301.00	0	644.80	0	980.74	0	1,317.91	0	1,661.73	0	2,005.55	0	2,349.37	0	2,693.19	0	3,037.01
1/4	3.95	1/4	308.16	1/4	651.96	1/4	987.59	1/4	1,325.08	1/4	1,668.90	1/4	2,012.71	1/4	2,356.53	1/4	2,700.35	1/4	3,044.17
1/2	5.74	1/2	315.32	1/2	659.13	1/2	994.45	1/2	1,332.24	1/2	1,676.06	1/2	2,019.88	1/2	2,363.70	1/2	2,707.52	1/2	3,051.33
3/4	7.53	3/4	322.48	3/4	666.29	3/4	1,001.30	3/4	1,339.40	3/4	1,683.22	3/4	2,027.04	3/4	2,370.86	3/4	2,714.68	3/4	3,058.49
1	9.32	1	329.65	1	673.45	1	1,008.16	1	1,346.56	1	1,690.38	1	2,034.20	1	2,378.02	1	2,721.84	1	3,065.65
1/4	12.90	1/4	336.81	1/4	680.61	1/4	1,015.01	1/4	1,353.73	1/4	1,697.55	1/4	2,041.37	1/4	2,385.19	1/4	2,729.00	1/4	3,072.81
1/2	16.48	1/2	343.97	1/2	687.78	1/2	1,021.87	1/2	1,360.89	1/2	1,704.71	1/2	2,048.53	1/2	2,392.35	1/2	2,736.17	1/2	3,079.97
3/4	20.06	3/4	351.14	3/4	694.94	3/4	1,028.72	3/4	1,368.05	3/4	1,711.87	3/4	2,055.69	3/4	2,399.51	3/4	2,743.33	3/4	3,087.13
2	23.64	2	358.30	2	702.10	2	1,035.58	2	1,375.22	2	1,719.04	2	2,062.85	2	2,406.67	2	2,750.49	2	3,094.29
1/4	29.02	1/4	365.46	1/4	709.27	1/4	1,042.43	1/4	1,382.38	1/4	1,726.20	1/4	2,070.02	1/4	2,413.84	1/4	2,757.66	1/4	3,101.45
1/2	34.39	1/2	372.62	1/2	716.43	1/2	1,049.29	1/2	1,389.54	1/2	1,733.36	1/2	2,077.18	1/2	2,421.00	1/2	2,764.82	1/2	3,108.61
3/4	39.76	3/4	379.79	3/4	723.59	3/4	1,056.14	3/4	1,396.71	3/4	1,740.52	3/4	2,084.34	3/4	2,428.16	3/4	2,771.98	3/4	3,115.78
3	45.13	3	386.95	3	730.75	3	1,063.00	3	1,403.87	3	1,747.69	3	2,091.51	3	2,435.33	3	2,779.14	3	3,122.94
1/4	51.83	1/4	394.11	1/4	737.92	1/4	1,069.85	1/4	1,411.03	1/4	1,754.85	1/4	2,098.67	1/4	2,442.49	1/4	2,786.31	1/4	3,130.10
1/2	58.52	1/2	401.27	1/2	745.08	1/2	1,076.71	1/2	1,418.19	1/2	1,762.01	1/2	2,105.83	1/2	2,449.65	1/2	2,793.47	1/2	3,137.26
3/4	65.22	3/4	408.44	3/4	752.24	3/4	1,083.57	3/4	1,425.36	3/4	1,769.18	3/4	2,113.00	3/4	2,456.81	3/4	2,800.63	3/4	3,144.42
4	71.91	4	415.60	4	759.40	4	1,090.43	4	1,432.52	4	1,776.34	4	2,120.16	4	2,463.98	4	2,807.80	4	3,151.58
1/4	79.05	1/4	422.76	1/4	766.57	1/4	1,097.30	1/4	1,439.68	1/4	1,783.50	1/4	2,127.32	1/4	2,471.14	1/4	2,814.96	1/4	3,158.74
1/2	86.19	1/2	429.92	1/2	773.73	1/2	1,104.17	1/2	1,446.85	1/2	1,790.66	1/2	2,134.48	1/2	2,478.30	1/2	2,822.12	1/2	3,165.90
3/4	93.33	3/4	437.09	3/4	780.89	3/4	1,111.05	3/4	1,454.01	3/4	1,797.83	3/4	2,141.65	3/4	2,485.47	3/4	2,829.29	3/4	3,173.06
5	100.47	5	444.25	5	788.05	5	1,117.92	5	1,461.17	5	1,804.99	5	2,148.81	5	2,492.63	5	2,836.45	5	3,180.22
1/4	107.63	1/4	451.41	1/4	795.08	1/4	1,124.94	1/4	1,468.33	1/4	1,812.15	1/4	2,155.97	1/4	2,499.79	1/4	2,843.61	1/4	3,187.38
1/2	114.78	1/2	458.57	1/2	802.10	1/2	1,131.96	1/2	1,475.50	1/2	1,819.32	1/2	2,163.14	1/2	2,506.95	1/2	2,850.77	1/2	3,194.54
3/4	121.94	3/4	465.74	3/4	809.12	3/4	1,138.98	3/4	1,482.66	3/4	1,826.48	3/4	2,170.30	3/4	2,514.12	3/4	2,857.94	3/4	3,201.71
6	129.10	6	472.90	6	816.14	6	1,146.00	6	1,489.82	6	1,833.64	6	2,177.46	6	2,521.28	6	2,865.10	6	3,208.87
1/4	136.26	1/4	480.06	1/4	823.01	1/4	1,153.17	1/4	1,496.99	1/4	1,840.81	1/4	2,184.62	1/4	2,528.44	1/4	2,872.26	1/4	3,216.03
1/2	143.42	1/2	487.22	1/2	829.89	1/2	1,160.33	1/2	1,504.15	1/2	1,847.97	1/2	2,191.79	1/2	2,535.61	1/2	2,879.43	1/2	3,223.19
3/4	150.58	3/4	494.39	3/4	836.76	3/4	1,167.49	3/4	1,511.31	3/4	1,855.13	3/4	2,198.95	3/4	2,542.77	3/4	2,886.59	3/4	3,230.35
7	157.74	7	501.55	7	843.63	7	1,174.66	7	1,518.47	7	1,862.29	7	2,206.11	7	2,549.93	7	2,893.75	7	3,237.51
1/4	164.91	1/4	508.71	1/4	850.49	1/4	1,181.82	1/4	1,525.64	1/4	1,869.46	1/4	2,213.28	1/4	2,557.09	1/4	2,900.91	1/4	3,244.67
1/2	172.07	1/2	515.87	1/2	857.35	1/2	1,188.98	1/2	1,532.80	1/2	1,876.62	1/2	2,220.44	1/2	2,564.26	1/2	2,908.08	1/2	3,251.83
3/4	179.23	3/4	523.04	3/4	864.20	3/4	1,196.14	3/4	1,539.96	3/4	1,883.78	3/4	2,227.60	3/4	2,571.42	3/4	2,915.24	3/4	3,258.99
8	186.40	8	530.20	8	871.06	8	1,203.31	8	1,547.13	8	1,890.95	8	2,234.76	8	2,578.58	8	2,922.40	8	3,266.15
1/4	193.56	1/4	537.36	1/4	877.92	1/4	1,210.47	1/4	1,554.29	1/4	1,898.11	1/4	2,241.93	1/4	2,585.75	1/4	2,929.57	1/4	3,273.31
1/2	200.72	1/2	544.53	1/2	884.77	1/2	1,217.63	1/2	1,561.45	1/2	1,905.27	1/2	2,249.09	1/2	2,592.91	1/2	2,936.73	1/2	3,280.47
3/4	207.88	3/4	551.69	3/4	891.63	3/4	1,224.80	3/4	1,568.61	3/4	1,912.43	3/4	2,256.25	3/4	2,600.07	3/4	2,943.89	3/4	3,287.63
9	215.05	9	558.85	9	898.48	9	1,231.96	9	1,575.78	9	1,919.60	9	2,263.42	9	2,607.24	9	2,951.05	9	3,294.80
1/4	222.21	1/4	566.01	1/4	905.34	1/4	1,239.12	1/4	1,582.94	1/4	1,926.76	1/4	2,270.58	1/4	2,614.40	1/4	2,958.22	1/4	3,301.96
1/2	229.37	1/2	573.18	1/2	912.19	1/2	1,246.28	1/2	1,590.10	1/2	1,933.92	1/2	2,277.74	1/2	2,621.56	1/2	2,965.38	1/2	3,309.12
3/4	236.53	3/4	580.34	3/4	919.05	3/4	1,253.45	3/4	1,597.27	3/4	1,941.09	3/4	2,284.90	3/4	2,628.72	3/4	2,972.54	3/4	3,316.28
10	243.70	10	587.50	10	925.90	10	1,260.61	10	1,604.43	10	1,948.25	10	2,292.07	10	2,635.89	10	2,979.71	10	3,323.44
1/4	250.86	1/4	594.66	1/4	932.75	1/4	1,267.77	1/4	1,611.59	1/4	1,955.41	1/4	2,299.23	1/4	2,643.05	1/4	2,986.87	1/4	3,330.60
1/2	258.02	1/2	601.83	1/2	939.61	1/2	1,274.94	1/2	1,618.76	1/2	1,962.57	1/2	2,306.39	1/2	2,650.21	1/2	2,994.03	1/2	3,337.76
3/4	265.18	3/4	608.99	3/4	946.46	3/4	1,282.10	3/4	1,625.92	3/4	1,969.74	3/4	2,313.56	3/4	2,657.38	3/4	3,001.19	3/4	3,344.92
11	272.35	11	616.15	11	953.32	11	1,289.26	11	1,633.08	11	1,976.90	11	2,320.72	11	2,664.54	11	3,008.36	11	3,352.08
1/4	279.51	1/4	623.31	1/4	960.17	1/4	1,296.42	1/4	1,640.24	1/4	1,984.06	1/4	2,327.88	1/4	2,671.70	1/4	3,015.52	1/4	3,359.24
1/2	286.67	1/2	630.48	1/2	967.03	1/2	1,303.59	1/2	1,647.41	1/2	1,991.23	1/2	2,335.05	1/2	2,678.86	1/2	3,022.68	1/2	3,366.40
3/4	293.83	3/4	637.64	3/4	973.88	3/4	1,310.75	3/4	1,654.57	3/4	1,998.39	3/4	2,342.21	3/4	2,686.03	3/4	3,029.85	3/4	3,373.56

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

**2 PORT
INNAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02 1/4"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,380.73	0	3,724.44	0	4,068.16	0	4,411.44	0	4,753.59	0	5,075.54	0		0		0		0	
1/4	3,387.89	1/4	3,731.60	1/4	4,075.32	1/4	4,418.56	1/4	4,760.72	1/4	5,078.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,395.05	1/2	3,738.77	1/2	4,082.48	1/2	4,425.69	1/2	4,767.85	1/2	5,081.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,402.21	3/4	3,745.93	3/4	4,089.64	3/4	4,432.82	3/4	4,774.97	3/4	5,085.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,409.37	1	3,753.09	1	4,096.81	1	4,439.95	1	4,782.10	1	5,088.36	1	1	1	1	1	1	1	1
1/4	3,416.53	1/4	3,760.25	1/4	4,103.97	1/4	4,447.08	1/4	4,789.23	1/4	5,090.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,423.69	1/2	3,767.41	1/2	4,111.13	1/2	4,454.21	1/2	4,796.36	1/2	5,092.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,430.85	3/4	3,774.57	3/4	4,118.29	3/4	4,461.33	3/4	4,803.49	3/4	5,094.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,438.01	2	3,781.73	2	4,125.45	2	4,468.46	2	4,810.62	2	5,096.40	2	2	2	2	2	2	2	2
1/4	3,445.17	1/4	3,788.89	1/4	4,132.61	1/4	4,475.59	1/4	4,817.74	1/4	5,097.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,452.33	1/2	3,796.05	1/2	4,139.77	1/2	4,482.72	1/2	4,824.87	1/2	5,098.26	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,459.49	3/4	3,803.21	3/4	4,146.93	3/4	4,489.85	3/4	4,832.00	3/4	5,099.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,466.65	3	3,810.37	3	4,154.09	3	4,496.97	3	4,839.13	3	5,100.12	3	3	3	3	3	3	3	3
1/4	3,473.82	1/4	3,817.53	1/4	4,161.25	1/4	4,504.10	1/4	4,846.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,480.98	1/2	3,824.69	1/2	4,168.41	1/2	4,511.23	1/2	4,853.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,488.14	3/4	3,831.86	3/4	4,175.57	3/4	4,518.36	3/4	4,860.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,495.30	4	3,839.02	4	4,182.73	4	4,525.49	4	4,867.64	4		4	4	4	4	4	4	4	4
1/4	3,502.46	1/4	3,846.18	1/4	4,189.90	1/4	4,532.62	1/4	4,874.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,509.62	1/2	3,853.34	1/2	4,197.06	1/2	4,539.74	1/2	4,881.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,516.78	3/4	3,860.50	3/4	4,204.22	3/4	4,546.87	3/4	4,888.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,523.94	5	3,867.66	5	4,211.38	5	4,554.00	5	4,896.06	5		5	5	5	5	5	5	5	5
1/4	3,531.10	1/4	3,874.82	1/4	4,218.54	1/4	4,561.13	1/4	4,903.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,538.26	1/2	3,881.98	1/2	4,225.70	1/2	4,568.26	1/2	4,910.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,545.42	3/4	3,889.14	3/4	4,232.86	3/4	4,575.39	3/4	4,917.31	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,552.58	6	3,896.30	6	4,240.02	6	4,582.51	6	4,924.40	6		6	6	6	6	6	6	6	6
1/4	3,559.75	1/4	3,903.46	1/4	4,247.18	1/4	4,589.64	1/4	4,931.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,566.91	1/2	3,910.62	1/2	4,254.34	1/2	4,596.77	1/2	4,938.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,574.07	3/4	3,917.79	3/4	4,261.50	3/4	4,603.90	3/4	4,945.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,581.23	7	3,924.95	7	4,268.66	7	4,611.03	7	4,952.72	7		7	7	7	7	7	7	7	7
1/4	3,588.39	1/4	3,932.11	1/4	4,275.83	1/4	4,618.15	1/4	4,959.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,595.55	1/2	3,939.27	1/2	4,282.99	1/2	4,625.28	1/2	4,966.87	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,602.71	3/4	3,946.43	3/4	4,290.15	3/4	4,632.41	3/4	4,973.95	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,609.87	8	3,953.59	8	4,297.31	8	4,639.54	8	4,981.02	8		8	8	8	8	8	8	8	8
1/4	3,617.03	1/4	3,960.75	1/4	4,304.46	1/4	4,646.67	1/4	4,988.06	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,624.19	1/2	3,967.91	1/2	4,311.60	1/2	4,653.80	1/2	4,995.10	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,631.35	3/4	3,975.07	3/4	4,318.75	3/4	4,660.92	3/4	5,002.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,638.51	9	3,982.23	9	4,325.90	9	4,668.05	9	5,009.19	9		9	9	9	9	9	9	9	9
1/4	3,645.67	1/4	3,989.39	1/4	4,333.03	1/4	4,675.18	1/4	5,015.79	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,652.84	1/2	3,996.55	1/2	4,340.15	1/2	4,682.31	1/2	5,022.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,660.00	3/4	4,003.71	3/4	4,347.28	3/4	4,689.44	3/4	5,028.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,667.16	10	4,010.88	10	4,354.41	10	4,696.56	10	5,035.59	10		10	10	10	10	10	10	10	10
1/4	3,674.32	1/4	4,018.04	1/4	4,361.54	1/4	4,703.69	1/4	5,041.18	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,681.48	1/2	4,025.20	1/2	4,368.67	1/2	4,710.82	1/2	5,046.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,688.64	3/4	4,032.36	3/4	4,375.80	3/4	4,717.95	3/4	5,052.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,695.80	11	4,039.52	11	4,382.92	11	4,725.08	11	5,057.96	11		11	11	11	11	11	11	11	11
1/4	3,702.96	1/4	4,046.68	1/4	4,390.05	1/4	4,732.21	1/4	5,062.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,710.12	1/2	4,053.84	1/2	4,397.18	1/2	4,739.33	1/2	5,066.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,717.28	3/4	4,061.00	3/4	4,404.31	3/4	4,746.46	3/4	5,071.15	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: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

2 STBD
INNAGE TABLE

10" HATCH
GAUGE HEIGHT 18'-02 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.16	0	300.93	0	644.65	0	988.10	0	1,331.62	0	1,675.35	0	2,019.09	0	2,362.83	0	2,706.57	0	3,050.30
1/4	3.95	1/4	308.09	1/4	651.81	1/4	995.25	1/4	1,338.78	1/4	1,682.52	1/4	2,026.25	1/4	2,369.99	1/4	2,713.73	1/4	3,057.46
1/2	5.74	1/2	315.25	1/2	658.97	1/2	1,002.39	1/2	1,345.94	1/2	1,689.68	1/2	2,033.41	1/2	2,377.15	1/2	2,720.89	1/2	3,064.62
3/4	7.53	3/4	322.41	3/4	666.13	3/4	1,009.54	3/4	1,353.10	3/4	1,696.84	3/4	2,040.58	3/4	2,384.31	3/4	2,728.05	3/4	3,071.77
1	9.32	1	329.57	1	673.29	1	1,016.69	1	1,360.26	1	1,704.00	1	2,047.74	1	2,391.47	1	2,735.21	1	3,078.93
1/4	12.90	1/4	336.73	1/4	680.45	1/4	1,023.84	1/4	1,367.42	1/4	1,711.16	1/4	2,054.90	1/4	2,398.64	1/4	2,742.37	1/4	3,086.09
1/2	16.48	1/2	343.89	1/2	687.61	1/2	1,030.98	1/2	1,374.58	1/2	1,718.32	1/2	2,062.06	1/2	2,405.80	1/2	2,749.53	1/2	3,093.25
3/4	20.06	3/4	351.05	3/4	694.77	3/4	1,038.13	3/4	1,381.75	3/4	1,725.48	3/4	2,069.22	3/4	2,412.96	3/4	2,756.70	3/4	3,100.41
2	23.64	2	358.21	2	701.94	2	1,045.28	2	1,388.91	2	1,732.64	2	2,076.38	2	2,420.12	2	2,763.86	2	3,107.57
1/4	29.01	1/4	365.37	1/4	709.10	1/4	1,052.42	1/4	1,396.07	1/4	1,739.81	1/4	2,083.54	1/4	2,427.28	1/4	2,771.02	1/4	3,114.73
1/2	34.38	1/2	372.53	1/2	716.26	1/2	1,059.57	1/2	1,403.23	1/2	1,746.97	1/2	2,090.70	1/2	2,434.44	1/2	2,778.18	1/2	3,121.89
3/4	39.75	3/4	379.70	3/4	723.42	3/4	1,066.72	3/4	1,410.39	3/4	1,754.13	3/4	2,097.87	3/4	2,441.60	3/4	2,785.34	3/4	3,129.05
3	45.12	3	386.86	3	730.58	3	1,073.87	3	1,417.55	3	1,761.29	3	2,105.03	3	2,448.76	3	2,792.50	3	3,136.21
1/4	51.81	1/4	394.02	1/4	737.74	1/4	1,081.02	1/4	1,424.71	1/4	1,768.45	1/4	2,112.19	1/4	2,455.93	1/4	2,799.66	1/4	3,143.36
1/2	58.51	1/2	401.18	1/2	744.90	1/2	1,088.17	1/2	1,431.87	1/2	1,775.61	1/2	2,119.35	1/2	2,463.09	1/2	2,806.82	1/2	3,150.52
3/4	65.20	3/4	408.34	3/4	752.06	3/4	1,095.32	3/4	1,439.03	3/4	1,782.77	3/4	2,126.51	3/4	2,470.25	3/4	2,813.99	3/4	3,157.68
4	71.90	4	415.50	4	759.22	4	1,102.47	4	1,446.20	4	1,789.93	4	2,133.67	4	2,477.41	4	2,821.15	4	3,164.84
1/4	79.03	1/4	422.66	1/4	766.38	1/4	1,109.63	1/4	1,453.36	1/4	1,797.09	1/4	2,140.83	1/4	2,484.57	1/4	2,828.31	1/4	3,172.00
1/2	86.17	1/2	429.82	1/2	773.54	1/2	1,116.79	1/2	1,460.52	1/2	1,804.26	1/2	2,147.99	1/2	2,491.73	1/2	2,835.47	1/2	3,179.16
3/4	93.31	3/4	436.98	3/4	780.71	3/4	1,123.94	3/4	1,467.68	3/4	1,811.42	3/4	2,155.15	3/4	2,498.89	3/4	2,842.63	3/4	3,186.32
5	100.45	5	444.14	5	787.87	5	1,131.10	5	1,474.84	5	1,818.58	5	2,162.32	5	2,506.05	5	2,849.79	5	3,193.48
1/4	107.60	1/4	451.30	1/4	795.03	1/4	1,138.26	1/4	1,482.00	1/4	1,825.74	1/4	2,169.48	1/4	2,513.21	1/4	2,856.95	1/4	3,200.64
1/2	114.76	1/2	458.47	1/2	802.19	1/2	1,145.43	1/2	1,489.16	1/2	1,832.90	1/2	2,176.64	1/2	2,520.38	1/2	2,864.11	1/2	3,207.80
3/4	121.91	3/4	465.63	3/4	809.35	3/4	1,152.59	3/4	1,496.32	3/4	1,840.06	3/4	2,183.80	3/4	2,527.54	3/4	2,871.27	3/4	3,214.96
6	129.07	6	472.79	6	816.51	6	1,159.75	6	1,503.49	6	1,847.22	6	2,190.96	6	2,534.70	6	2,878.44	6	3,222.12
1/4	136.23	1/4	479.95	1/4	823.67	1/4	1,166.91	1/4	1,510.65	1/4	1,854.38	1/4	2,198.12	1/4	2,541.86	1/4	2,885.60	1/4	3,229.27
1/2	143.39	1/2	487.11	1/2	830.83	1/2	1,174.07	1/2	1,517.81	1/2	1,861.55	1/2	2,205.28	1/2	2,549.02	1/2	2,892.76	1/2	3,236.43
3/4	150.55	3/4	494.27	3/4	837.99	3/4	1,181.23	3/4	1,524.97	3/4	1,868.71	3/4	2,212.44	3/4	2,556.18	3/4	2,899.92	3/4	3,243.59
7	157.71	7	501.43	7	845.14	7	1,188.39	7	1,532.13	7	1,875.87	7	2,219.61	7	2,563.34	7	2,907.08	7	3,250.75
1/4	164.87	1/4	508.59	1/4	852.30	1/4	1,195.55	1/4	1,539.29	1/4	1,883.03	1/4	2,226.77	1/4	2,570.50	1/4	2,914.24	1/4	3,257.91
1/2	172.03	1/2	515.75	1/2	859.45	1/2	1,202.72	1/2	1,546.45	1/2	1,890.19	1/2	2,233.93	1/2	2,577.67	1/2	2,921.40	1/2	3,265.07
3/4	179.19	3/4	522.91	3/4	866.60	3/4	1,209.88	3/4	1,553.61	3/4	1,897.35	3/4	2,241.09	3/4	2,584.83	3/4	2,928.56	3/4	3,272.23
8	186.35	8	530.07	8	873.75	8	1,217.04	8	1,560.78	8	1,904.51	8	2,248.25	8	2,591.99	8	2,935.73	8	3,279.39
1/4	193.51	1/4	537.24	1/4	880.90	1/4	1,224.20	1/4	1,567.94	1/4	1,911.67	1/4	2,255.41	1/4	2,599.15	1/4	2,942.89	1/4	3,286.55
1/2	200.67	1/2	544.40	1/2	888.04	1/2	1,231.36	1/2	1,575.10	1/2	1,918.84	1/2	2,262.57	1/2	2,606.31	1/2	2,950.05	1/2	3,293.71
3/4	207.83	3/4	551.56	3/4	895.19	3/4	1,238.52	3/4	1,582.26	3/4	1,926.00	3/4	2,269.73	3/4	2,613.47	3/4	2,957.21	3/4	3,300.87
9	214.99	9	558.72	9	902.34	9	1,245.68	9	1,589.42	9	1,933.16	9	2,276.90	9	2,620.63	9	2,964.37	9	3,308.03
1/4	222.16	1/4	565.88	1/4	909.48	1/4	1,252.84	1/4	1,596.58	1/4	1,940.32	1/4	2,284.06	1/4	2,627.79	1/4	2,971.53	1/4	3,315.19
1/2	229.32	1/2	573.04	1/2	916.63	1/2	1,260.00	1/2	1,603.74	1/2	1,947.48	1/2	2,291.22	1/2	2,634.96	1/2	2,978.69	1/2	3,322.34
3/4	236.48	3/4	580.20	3/4	923.78	3/4	1,267.17	3/4	1,610.90	3/4	1,954.64	3/4	2,298.38	3/4	2,642.12	3/4	2,985.85	3/4	3,329.50
10	243.64	10	587.36	10	930.92	10	1,274.33	10	1,618.06	10	1,961.80	10	2,305.54	10	2,649.28	10	2,993.02	10	3,336.66
1/4	250.80	1/4	594.52	1/4	938.07	1/4	1,281.49	1/4	1,625.23	1/4	1,968.96	1/4	2,312.70	1/4	2,656.44	1/4	3,000.18	1/4	3,343.82
1/2	257.96	1/2	601.68	1/2	945.22	1/2	1,288.65	1/2	1,632.39	1/2	1,976.12	1/2	2,319.86	1/2	2,663.60	1/2	3,007.34	1/2	3,350.98
3/4	265.12	3/4	608.84	3/4	952.36	3/4	1,295.81	3/4	1,639.55	3/4	1,983.29	3/4	2,327.02	3/4	2,670.76	3/4	3,014.50	3/4	3,358.14
11	272.28	11	616.01	11	959.51	11	1,302.97	11	1,646.71	11	1,990.45	11	2,334.18	11	2,677.92	11	3,021.66	11	3,365.30
1/4	279.44	1/4	623.17	1/4	966.66	1/4	1,310.13	1/4	1,653.87	1/4	1,997.61	1/4	2,341.35	1/4	2,685.08	1/4	3,028.82	1/4	3,372.46
1/2	286.60	1/2	630.33	1/2	973.81	1/2	1,317.29	1/2	1,661.03	1/2	2,004.77	1/2	2,348.51	1/2	2,692.24	1/2	3,035.98	1/2	3,379.62
3/4	293.76	3/4	637.49	3/4	980.95	3/4	1,324.46	3/4	1,668.19	3/4	2,011.93	3/4	2,355.67	3/4	2,699.41	3/4	3,043.14	3/4	3,386.78

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

2 STBD
INNAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,393.94	0	3,737.59	0	4,081.32	0	4,424.60	0	4,766.76	0	5,088.74	0		0		0		0	
1/4	3,401.10	1/4	3,744.75	1/4	4,088.48	1/4	4,431.72	1/4	4,773.89	1/4	5,091.94	1/4		1/4		1/4		1/4	
1/2	3,408.25	1/2	3,751.91	1/2	4,095.65	1/2	4,438.85	1/2	4,781.02	1/2	5,095.14	1/2		1/2		1/2		1/2	
3/4	3,415.41	3/4	3,759.07	3/4	4,102.81	3/4	4,445.98	3/4	4,788.14	3/4	5,098.35	3/4		3/4		3/4		3/4	
1	3,422.57	1	3,766.23	1	4,109.97	1	4,453.11	1	4,795.27	1	5,101.55	1		1		1		1	
1/4	3,429.73	1/4	3,773.39	1/4	4,117.13	1/4	4,460.24	1/4	4,802.40	1/4	5,103.56	1/4		1/4		1/4		1/4	
1/2	3,436.89	1/2	3,780.55	1/2	4,124.29	1/2	4,467.37	1/2	4,809.53	1/2	5,105.58	1/2		1/2		1/2		1/2	
3/4	3,444.05	3/4	3,787.71	3/4	4,131.45	3/4	4,474.50	3/4	4,816.66	3/4	5,107.59	3/4		3/4		3/4		3/4	
2	3,451.21	2	3,794.87	2	4,138.61	2	4,481.62	2	4,823.79	2	5,109.60	2		2		2		2	
1/4	3,458.37	1/4	3,802.04	1/4	4,145.77	1/4	4,488.75	1/4	4,830.92	1/4	5,110.53	1/4		1/4		1/4		1/4	
1/2	3,465.53	1/2	3,809.20	1/2	4,152.93	1/2	4,495.88	1/2	4,838.04	1/2	5,111.46	1/2		1/2		1/2		1/2	
3/4	3,472.69	3/4	3,816.36	3/4	4,160.10	3/4	4,503.01	3/4	4,845.17	3/4	5,112.39	3/4		3/4		3/4		3/4	
3	3,479.85	3	3,823.52	3	4,167.26	3	4,510.14	3	4,852.30	3	5,113.32	3		3		3		3	
1/4	3,487.01	1/4	3,830.68	1/4	4,174.42	1/4	4,517.27	1/4	4,859.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,494.17	1/2	3,837.84	1/2	4,181.58	1/2	4,524.39	1/2	4,866.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,501.32	3/4	3,845.00	3/4	4,188.74	3/4	4,531.52	3/4	4,873.69	3/4		3/4		3/4		3/4		3/4	
4	3,508.48	4	3,852.16	4	4,195.90	4	4,538.65	4	4,880.81	4		4		4		4		4	
1/4	3,515.64	1/4	3,859.33	1/4	4,203.06	1/4	4,545.78	1/4	4,887.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,522.80	1/2	3,866.49	1/2	4,210.22	1/2	4,552.91	1/2	4,895.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,529.96	3/4	3,873.65	3/4	4,217.39	3/4	4,560.04	3/4	4,902.13	3/4		3/4		3/4		3/4		3/4	
5	3,537.12	5	3,880.81	5	4,224.55	5	4,567.16	5	4,909.24	5		5		5		5		5	
1/4	3,544.28	1/4	3,887.97	1/4	4,231.71	1/4	4,574.29	1/4	4,916.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,551.44	1/2	3,895.13	1/2	4,238.87	1/2	4,581.42	1/2	4,923.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,558.60	3/4	3,902.29	3/4	4,246.03	3/4	4,588.55	3/4	4,930.49	3/4		3/4		3/4		3/4		3/4	
6	3,565.76	6	3,909.45	6	4,253.19	6	4,595.68	6	4,937.57	6		6		6		6		6	
1/4	3,572.92	1/4	3,916.62	1/4	4,260.35	1/4	4,602.81	1/4	4,944.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,580.08	1/2	3,923.78	1/2	4,267.51	1/2	4,609.93	1/2	4,951.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.23	3/4	3,930.94	3/4	4,274.68	3/4	4,617.06	3/4	4,958.82	3/4		3/4		3/4		3/4		3/4	
7	3,594.39	7	3,938.10	7	4,281.84	7	4,624.19	7	4,965.90	7		7		7		7		7	
1/4	3,601.55	1/4	3,945.26	1/4	4,289.00	1/4	4,631.32	1/4	4,972.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.71	1/2	3,952.42	1/2	4,296.16	1/2	4,638.45	1/2	4,980.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.87	3/4	3,959.58	3/4	4,303.32	3/4	4,645.58	3/4	4,987.13	3/4		3/4		3/4		3/4		3/4	
8	3,623.03	8	3,966.74	8	4,310.48	8	4,652.71	8	4,994.21	8		8		8		8		8	
1/4	3,630.19	1/4	3,973.90	1/4	4,317.62	1/4	4,659.83	1/4	5,001.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.35	1/2	3,981.07	1/2	4,324.77	1/2	4,666.96	1/2	5,008.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.51	3/4	3,988.23	3/4	4,331.91	3/4	4,674.09	3/4	5,015.33	3/4		3/4		3/4		3/4		3/4	
9	3,651.67	9	3,995.39	9	4,339.06	9	4,681.22	9	5,022.37	9		9		9		9		9	
1/4	3,658.83	1/4	4,002.55	1/4	4,346.18	1/4	4,688.35	1/4	5,028.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.99	1/2	4,009.71	1/2	4,353.31	1/2	4,695.48	1/2	5,035.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.15	3/4	4,016.87	3/4	4,360.44	3/4	4,702.60	3/4	5,042.18	3/4		3/4		3/4		3/4		3/4	
10	3,680.30	10	4,024.03	10	4,367.57	10	4,709.73	10	5,048.78	10		10		10		10		10	
1/4	3,687.46	1/4	4,031.19	1/4	4,374.70	1/4	4,716.86	1/4	5,054.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,694.62	1/2	4,038.36	1/2	4,381.83	1/2	4,723.99	1/2	5,059.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,701.78	3/4	4,045.52	3/4	4,388.95	3/4	4,731.12	3/4	5,065.55	3/4		3/4		3/4		3/4		3/4	
11	3,708.94	11	4,052.68	11	4,396.08	11	4,738.25	11	5,071.14	11		11		11		11		11	
1/4	3,716.10	1/4	4,059.84	1/4	4,403.21	1/4	4,745.37	1/4	5,075.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,723.26	1/2	4,067.00	1/2	4,410.34	1/2	4,752.50	1/2	5,079.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,730.42	3/4	4,074.16	3/4	4,417.47	3/4	4,759.63	3/4	5,084.34	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

3 PORT

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 18'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	299.43	0	641.01	0	974.74	0	1,309.69	0	1,651.09	0	1,992.49	0	2,333.89	0	2,675.26	0	3,016.78
1/4	3.93	1/4	306.56	1/4	648.13	1/4	981.55	1/4	1,316.80	1/4	1,658.20	1/4	1,999.60	1/4	2,341.00	1/4	2,682.37	1/4	3,023.89
1/2	5.71	1/2	313.68	1/2	655.24	1/2	988.35	1/2	1,323.91	1/2	1,665.31	1/2	2,006.71	1/2	2,348.11	1/2	2,689.48	1/2	3,031.01
3/4	7.49	3/4	320.81	3/4	662.35	3/4	995.15	3/4	1,331.02	3/4	1,672.42	3/4	2,013.82	3/4	2,355.22	3/4	2,696.59	3/4	3,038.13
1	9.27	1	327.94	1	669.47	1	1,001.96	1	1,338.14	1	1,679.54	1	2,020.94	1	2,362.34	1	2,703.70	1	3,045.24
1/4	12.84	1/4	335.06	1/4	676.58	1/4	1,008.76	1/4	1,345.25	1/4	1,686.65	1/4	2,028.05	1/4	2,369.45	1/4	2,710.82	1/4	3,052.35
1/2	16.40	1/2	342.19	1/2	683.70	1/2	1,015.56	1/2	1,352.36	1/2	1,693.76	1/2	2,035.16	1/2	2,376.56	1/2	2,717.93	1/2	3,059.46
3/4	19.96	3/4	349.31	3/4	690.81	3/4	1,022.37	3/4	1,359.47	3/4	1,700.87	3/4	2,042.27	3/4	2,383.67	3/4	2,725.04	3/4	3,066.56
2	23.52	2	356.44	2	697.92	2	1,029.17	2	1,366.59	2	1,707.99	2	2,049.39	2	2,390.79	2	2,732.15	2	3,073.67
1/4	28.87	1/4	363.56	1/4	705.04	1/4	1,035.97	1/4	1,373.70	1/4	1,715.10	1/4	2,056.50	1/4	2,397.90	1/4	2,739.26	1/4	3,080.78
1/2	34.21	1/2	370.68	1/2	712.15	1/2	1,042.78	1/2	1,380.81	1/2	1,722.21	1/2	2,063.61	1/2	2,405.01	1/2	2,746.37	1/2	3,087.89
3/4	39.55	3/4	377.80	3/4	719.26	3/4	1,049.58	3/4	1,387.92	3/4	1,729.32	3/4	2,070.72	3/4	2,412.12	3/4	2,753.49	3/4	3,094.99
3	44.90	3	384.92	3	726.38	3	1,056.38	3	1,395.04	3	1,736.44	3	2,077.84	3	2,419.24	3	2,760.60	3	3,102.10
1/4	51.56	1/4	392.03	1/4	733.49	1/4	1,063.19	1/4	1,402.15	1/4	1,743.55	1/4	2,084.95	1/4	2,426.35	1/4	2,767.71	1/4	3,109.20
1/2	58.22	1/2	399.14	1/2	740.61	1/2	1,070.00	1/2	1,409.26	1/2	1,750.66	1/2	2,092.06	1/2	2,433.46	1/2	2,774.82	1/2	3,116.30
3/4	64.88	3/4	406.26	3/4	747.72	3/4	1,076.81	3/4	1,416.37	3/4	1,757.77	3/4	2,099.17	3/4	2,440.57	3/4	2,781.93	3/4	3,123.40
4	71.54	4	413.37	4	754.83	4	1,083.61	4	1,423.49	4	1,764.89	4	2,106.29	4	2,447.69	4	2,789.04	4	3,130.50
1/4	78.64	1/4	420.48	1/4	761.95	1/4	1,090.46	1/4	1,430.60	1/4	1,772.00	1/4	2,113.40	1/4	2,454.80	1/4	2,796.15	1/4	3,137.59
1/2	85.75	1/2	427.60	1/2	769.06	1/2	1,097.31	1/2	1,437.71	1/2	1,779.11	1/2	2,120.51	1/2	2,461.91	1/2	2,803.27	1/2	3,144.68
3/4	92.85	3/4	434.71	3/4	776.17	3/4	1,104.15	3/4	1,444.82	3/4	1,786.22	3/4	2,127.62	3/4	2,469.02	3/4	2,810.38	3/4	3,151.77
5	99.95	5	441.83	5	783.29	5	1,111.00	5	1,451.94	5	1,793.34	5	2,134.74	5	2,476.14	5	2,817.49	5	3,158.86
1/4	107.07	1/4	448.94	1/4	790.29	1/4	1,117.99	1/4	1,459.05	1/4	1,800.45	1/4	2,141.85	1/4	2,483.25	1/4	2,824.60	1/4	3,165.95
1/2	114.19	1/2	456.05	1/2	797.28	1/2	1,124.99	1/2	1,466.16	1/2	1,807.56	1/2	2,148.96	1/2	2,490.36	1/2	2,831.71	1/2	3,173.04
3/4	121.31	3/4	463.17	3/4	804.28	3/4	1,131.99	3/4	1,473.27	3/4	1,814.67	3/4	2,156.07	3/4	2,497.47	3/4	2,838.82	3/4	3,180.13
6	128.43	6	470.28	6	811.28	6	1,138.99	6	1,480.39	6	1,821.79	6	2,163.19	6	2,504.58	6	2,845.94	6	3,187.22
1/4	135.55	1/4	477.39	1/4	818.13	1/4	1,146.10	1/4	1,487.50	1/4	1,828.90	1/4	2,170.30	1/4	2,511.69	1/4	2,853.05	1/4	3,194.31
1/2	142.68	1/2	484.51	1/2	824.97	1/2	1,153.21	1/2	1,494.61	1/2	1,836.01	1/2	2,177.41	1/2	2,518.80	1/2	2,860.16	1/2	3,201.40
3/4	149.80	3/4	491.62	3/4	831.82	3/4	1,160.32	3/4	1,501.72	3/4	1,843.12	3/4	2,184.52	3/4	2,525.91	3/4	2,867.27	3/4	3,208.49
7	156.93	7	498.74	7	838.67	7	1,167.44	7	1,508.84	7	1,850.24	7	2,191.64	7	2,533.03	7	2,874.38	7	3,215.58
1/4	164.05	1/4	505.85	1/4	845.47	1/4	1,174.55	1/4	1,515.95	1/4	1,857.35	1/4	2,198.75	1/4	2,540.14	1/4	2,881.49	1/4	3,222.67
1/2	171.18	1/2	512.96	1/2	852.28	1/2	1,181.66	1/2	1,523.06	1/2	1,864.46	1/2	2,205.86	1/2	2,547.25	1/2	2,888.61	1/2	3,229.76
3/4	178.30	3/4	520.08	3/4	859.09	3/4	1,188.77	3/4	1,530.17	3/4	1,871.57	3/4	2,212.97	3/4	2,554.36	3/4	2,895.72	3/4	3,236.85
8	185.43	8	527.19	8	865.89	8	1,195.89	8	1,537.29	8	1,878.69	8	2,220.09	8	2,561.47	8	2,902.83	8	3,243.94
1/4	192.55	1/4	534.31	1/4	872.70	1/4	1,203.00	1/4	1,544.40	1/4	1,885.80	1/4	2,227.20	1/4	2,568.58	1/4	2,909.95	1/4	3,251.03
1/2	199.68	1/2	541.42	1/2	879.50	1/2	1,210.11	1/2	1,551.51	1/2	1,892.91	1/2	2,234.31	1/2	2,575.70	1/2	2,917.06	1/2	3,258.12
3/4	206.80	3/4	548.53	3/4	886.30	3/4	1,217.22	3/4	1,558.62	3/4	1,900.02	3/4	2,241.42	3/4	2,582.81	3/4	2,924.18	3/4	3,265.21
9	213.93	9	555.65	9	893.11	9	1,224.34	9	1,565.74	9	1,907.14	9	2,248.54	9	2,589.92	9	2,931.30	9	3,272.30
1/4	221.05	1/4	562.76	1/4	899.91	1/4	1,231.45	1/4	1,572.85	1/4	1,914.25	1/4	2,255.65	1/4	2,597.03	1/4	2,938.42	1/4	3,279.40
1/2	228.18	1/2	569.87	1/2	906.71	1/2	1,238.56	1/2	1,579.96	1/2	1,921.36	1/2	2,262.76	1/2	2,604.14	1/2	2,945.55	1/2	3,286.49
3/4	235.31	3/4	576.99	3/4	913.52	3/4	1,245.67	3/4	1,587.07	3/4	1,928.47	3/4	2,269.87	3/4	2,611.25	3/4	2,952.67	3/4	3,293.58
10	242.43	10	584.10	10	920.32	10	1,252.79	10	1,594.19	10	1,935.59	10	2,276.99	10	2,618.36	10	2,959.79	10	3,300.67
1/4	249.56	1/4	591.22	1/4	927.12	1/4	1,259.90	1/4	1,601.30	1/4	1,942.70	1/4	2,284.10	1/4	2,625.48	1/4	2,966.92	1/4	3,307.76
1/2	256.68	1/2	598.33	1/2	933.92	1/2	1,267.01	1/2	1,608.41	1/2	1,949.81	1/2	2,291.21	1/2	2,632.59	1/2	2,974.04	1/2	3,314.85
3/4	263.81	3/4	605.44	3/4	940.73	3/4	1,274.12	3/4	1,615.52	3/4	1,956.92	3/4	2,298.32	3/4	2,639.70	3/4	2,981.16	3/4	3,321.95
11	270.93	11	612.56	11	947.53	11	1,281.24	11	1,622.64	11	1,964.04	11	2,305.44	11	2,646.81	11	2,988.29	11	3,329.04
1/4	278.06	1/4	619.67	1/4	954.33	1/4	1,288.35	1/4	1,629.75	1/4	1,971.15	1/4	2,312.55	1/4	2,653.92	1/4	2,995.41	1/4	3,336.15
1/2	285.18	1/2	626.78	1/2	961.14	1/2	1,295.46	1/2	1,636.86	1/2	1,978.26	1/2	2,319.66	1/2	2,661.03	1/2	3,002.53	1/2	3,343.26
3/4	292.31	3/4	633.90	3/4	967.94	3/4	1,302.57	3/4	1,643.97	3/4	1,985.37	3/4	2,326.77	3/4	2,668.15	3/4	3,009.66	3/4	3,350.37

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.

GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 82'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

3 PORT
INNAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,351.89	0	3,560.73	0	3,770.34	0	3,979.68	0	4,188.37	0	4,378.79	0		0		0		0	
1/4	3,356.22	1/4	3,565.09	1/4	3,774.70	1/4	3,984.03	1/4	4,192.72	1/4	4,380.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,360.55	1/2	3,569.46	1/2	3,779.07	1/2	3,988.37	1/2	4,197.07	1/2	4,382.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,364.89	3/4	3,573.83	3/4	3,783.44	3/4	3,992.72	3/4	4,201.42	3/4	4,383.91	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,369.22	1	3,578.19	1	3,787.80	1	3,997.07	1	4,205.76	1	4,385.62	1	1	1	1	1	1	1	1
1/4	3,373.56	1/4	3,582.56	1/4	3,792.17	1/4	4,001.42	1/4	4,210.11	1/4	4,387.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,377.90	1/2	3,586.93	1/2	3,796.54	1/2	4,005.77	1/2	4,214.46	1/2	4,389.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,382.24	3/4	3,591.29	3/4	3,800.91	3/4	4,010.11	3/4	4,218.81	3/4	4,390.74	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,386.59	2	3,595.66	2	3,805.27	2	4,014.46	2	4,223.16	2	4,392.44	2	2	2	2	2	2	2	2
1/4	3,390.94	1/4	3,600.03	1/4	3,809.64	1/4	4,018.81	1/4	4,227.50	1/4	4,393.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,395.29	1/2	3,604.39	1/2	3,814.01	1/2	4,023.16	1/2	4,231.85	1/2	4,394.59	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,399.64	3/4	3,608.76	3/4	3,818.37	3/4	4,027.50	3/4	4,236.20	3/4	4,395.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,403.99	3	3,613.13	3	3,822.74	3	4,031.85	3	4,240.55	3	4,396.74	3	3	3	3	3	3	3	3
1/4	3,408.34	1/4	3,617.50	1/4	3,827.11	1/4	4,036.20	1/4	4,244.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,412.69	1/2	3,621.86	1/2	3,831.47	1/2	4,040.55	1/2	4,249.24	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,417.04	3/4	3,626.23	3/4	3,835.84	3/4	4,044.90	3/4	4,253.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,421.40	4	3,630.60	4	3,840.21	4	4,049.24	4	4,257.94	4		4	4	4	4	4	4	4	4
1/4	3,425.75	1/4	3,634.96	1/4	3,844.57	1/4	4,053.59	1/4	4,262.27	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,430.10	1/2	3,639.33	1/2	3,848.94	1/2	4,057.94	1/2	4,266.61	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,434.45	3/4	3,643.70	3/4	3,853.31	3/4	4,062.29	3/4	4,270.94	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,438.80	5	3,648.06	5	3,857.68	5	4,066.63	5	4,275.27	5		5	5	5	5	5	5	5	5
1/4	3,443.15	1/4	3,652.43	1/4	3,862.04	1/4	4,070.98	1/4	4,279.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,447.50	1/2	3,656.80	1/2	3,866.41	1/2	4,075.33	1/2	4,283.92	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,451.85	3/4	3,661.16	3/4	3,870.78	3/4	4,079.68	3/4	4,288.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,456.20	6	3,665.53	6	3,875.14	6	4,084.03	6	4,292.56	6		6	6	6	6	6	6	6	6
1/4	3,460.56	1/4	3,669.90	1/4	3,879.51	1/4	4,088.37	1/4	4,296.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,464.91	1/2	3,674.27	1/2	3,883.88	1/2	4,092.72	1/2	4,301.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,469.26	3/4	3,678.63	3/4	3,888.24	3/4	4,097.07	3/4	4,305.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,473.61	7	3,683.00	7	3,892.61	7	4,101.42	7	4,309.83	7		7	7	7	7	7	7	7	7
1/4	3,477.96	1/4	3,687.37	1/4	3,896.98	1/4	4,105.76	1/4	4,314.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,482.31	1/2	3,691.73	1/2	3,901.34	1/2	4,110.11	1/2	4,318.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,486.66	3/4	3,696.10	3/4	3,905.71	3/4	4,114.46	3/4	4,322.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,491.01	8	3,700.47	8	3,910.08	8	4,118.81	8	4,327.08	8		8	8	8	8	8	8	8	8
1/4	3,495.36	1/4	3,704.83	1/4	3,914.43	1/4	4,123.16	1/4	4,331.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,499.71	1/2	3,709.20	1/2	3,918.79	1/2	4,127.50	1/2	4,335.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,504.07	3/4	3,713.57	3/4	3,923.15	3/4	4,131.85	3/4	4,339.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,508.42	9	3,717.93	9	3,927.51	9	4,136.20	9	4,344.19	9		9	9	9	9	9	9	9	9
1/4	3,512.77	1/4	3,722.30	1/4	3,931.85	1/4	4,140.55	1/4	4,348.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,517.12	1/2	3,726.67	1/2	3,936.20	1/2	4,144.90	1/2	4,351.87	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,521.47	3/4	3,731.04	3/4	3,940.55	3/4	4,149.24	3/4	4,355.71	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,525.82	10	3,735.40	10	3,944.90	10	4,153.59	10	4,359.55	10		10	10	10	10	10	10	10	10
1/4	3,530.18	1/4	3,739.77	1/4	3,949.24	1/4	4,157.94	1/4	4,362.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,534.54	1/2	3,744.14	1/2	3,953.59	1/2	4,162.29	1/2	4,365.23	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,538.90	3/4	3,748.50	3/4	3,957.94	3/4	4,166.63	3/4	4,368.06	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,543.26	11	3,752.87	11	3,962.29	11	4,170.98	11	4,370.90	11		11	11	11	11	11	11	11	11
1/4	3,547.63	1/4	3,757.24	1/4	3,966.64	1/4	4,175.33	1/4	4,372.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,551.99	1/2	3,761.60	1/2	3,970.98	1/2	4,179.68	1/2	4,374.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,556.36	3/4	3,765.97	3/4	3,975.33	3/4	4,184.03	3/4	4,376.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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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	2.15	0	299.32	0	641.22	0	982.84	0	1,324.52	0	1,666.43	0	2,008.33	0	2,350.24	0	2,691.98	0	3,033.01
1/4	3.93	1/4	306.45	1/4	648.34	1/4	989.95	1/4	1,331.65	1/4	1,673.55	1/4	2,015.46	1/4	2,357.36	1/4	2,699.08	1/4	3,040.11
1/2	5.71	1/2	313.57	1/2	655.46	1/2	997.06	1/2	1,338.77	1/2	1,680.67	1/2	2,022.58	1/2	2,364.48	1/2	2,706.19	1/2	3,047.22
3/4	7.49	3/4	320.69	3/4	662.59	3/4	1,004.17	3/4	1,345.89	3/4	1,687.80	3/4	2,029.70	3/4	2,371.61	3/4	2,713.29	3/4	3,054.32
1	9.27	1	327.82	1	669.71	1	1,011.28	1	1,353.02	1	1,694.92	1	2,036.82	1	2,378.73	1	2,720.40	1	3,061.43
1/4	12.83	1/4	334.94	1/4	676.83	1/4	1,018.38	1/4	1,360.14	1/4	1,702.04	1/4	2,043.95	1/4	2,385.85	1/4	2,727.50	1/4	3,068.53
1/2	16.39	1/2	342.06	1/2	683.96	1/2	1,025.49	1/2	1,367.26	1/2	1,709.17	1/2	2,051.07	1/2	2,392.97	1/2	2,734.61	1/2	3,075.64
3/4	19.95	3/4	349.18	3/4	691.08	3/4	1,032.60	3/4	1,374.39	3/4	1,716.29	3/4	2,058.19	3/4	2,400.10	3/4	2,741.71	3/4	3,082.74
2	23.51	2	356.31	2	698.20	2	1,039.71	2	1,381.51	2	1,723.41	2	2,065.32	2	2,407.22	2	2,748.82	2	3,089.85
1/4	28.86	1/4	363.43	1/4	705.32	1/4	1,046.82	1/4	1,388.63	1/4	1,730.54	1/4	2,072.44	1/4	2,414.34	1/4	2,755.92	1/4	3,096.95
1/2	34.20	1/2	370.55	1/2	712.45	1/2	1,053.93	1/2	1,395.75	1/2	1,737.66	1/2	2,079.56	1/2	2,421.47	1/2	2,763.03	1/2	3,104.06
3/4	39.54	3/4	377.68	3/4	719.57	3/4	1,061.04	3/4	1,402.88	3/4	1,744.78	3/4	2,086.69	3/4	2,428.59	3/4	2,770.13	3/4	3,111.16
3	44.88	3	384.80	3	726.69	3	1,068.15	3	1,410.00	3	1,751.90	3	2,093.81	3	2,435.71	3	2,777.23	3	3,118.27
1/4	51.54	1/4	391.92	1/4	733.82	1/4	1,075.26	1/4	1,417.12	1/4	1,759.03	1/4	2,100.93	1/4	2,442.84	1/4	2,784.34	1/4	3,125.36
1/2	58.20	1/2	399.04	1/2	740.94	1/2	1,082.37	1/2	1,424.25	1/2	1,766.15	1/2	2,108.05	1/2	2,449.96	1/2	2,791.44	1/2	3,132.46
3/4	64.86	3/4	406.17	3/4	748.06	3/4	1,089.49	3/4	1,431.37	3/4	1,773.27	3/4	2,115.18	3/4	2,457.08	3/4	2,798.55	3/4	3,139.56
4	71.51	4	413.29	4	755.18	4	1,096.60	4	1,438.49	4	1,780.40	4	2,122.30	4	2,464.20	4	2,805.65	4	3,146.65
1/4	78.61	1/4	420.41	1/4	762.31	1/4	1,103.72	1/4	1,445.62	1/4	1,787.52	1/4	2,129.42	1/4	2,471.33	1/4	2,812.76	1/4	3,153.74
1/2	85.71	1/2	427.54	1/2	769.43	1/2	1,110.84	1/2	1,452.74	1/2	1,794.64	1/2	2,136.55	1/2	2,478.45	1/2	2,819.86	1/2	3,160.83
3/4	92.81	3/4	434.66	3/4	776.55	3/4	1,117.96	3/4	1,459.86	3/4	1,801.77	3/4	2,143.67	3/4	2,485.57	3/4	2,826.97	3/4	3,167.91
5	99.91	5	441.78	5	783.67	5	1,125.08	5	1,466.98	5	1,808.89	5	2,150.79	5	2,492.70	5	2,834.07	5	3,175.00
1/4	107.03	1/4	448.90	1/4	790.80	1/4	1,132.20	1/4	1,474.11	1/4	1,816.01	1/4	2,157.92	1/4	2,499.82	1/4	2,841.18	1/4	3,182.09
1/2	114.15	1/2	456.03	1/2	797.92	1/2	1,139.33	1/2	1,481.23	1/2	1,823.13	1/2	2,165.04	1/2	2,506.95	1/2	2,848.28	1/2	3,189.18
3/4	121.26	3/4	463.15	3/4	805.04	3/4	1,146.45	3/4	1,488.35	3/4	1,830.26	3/4	2,172.16	3/4	2,514.07	3/4	2,855.39	3/4	3,196.26
6	128.38	6	470.27	6	812.17	6	1,153.57	6	1,495.48	6	1,837.38	6	2,179.28	6	2,521.20	6	2,862.49	6	3,203.35
1/4	135.50	1/4	477.39	1/4	819.29	1/4	1,160.70	1/4	1,502.60	1/4	1,844.50	1/4	2,186.41	1/4	2,528.32	1/4	2,869.60	1/4	3,210.44
1/2	142.62	1/2	484.52	1/2	826.41	1/2	1,167.82	1/2	1,509.72	1/2	1,851.63	1/2	2,193.53	1/2	2,535.44	1/2	2,876.70	1/2	3,217.53
3/4	149.75	3/4	491.64	3/4	833.53	3/4	1,174.94	3/4	1,516.85	3/4	1,858.75	3/4	2,200.65	3/4	2,542.57	3/4	2,883.81	3/4	3,224.61
7	156.87	7	498.76	7	840.65	7	1,182.06	7	1,523.97	7	1,865.87	7	2,207.78	7	2,549.69	7	2,890.91	7	3,231.70
1/4	163.99	1/4	505.89	1/4	847.76	1/4	1,189.19	1/4	1,531.09	1/4	1,873.00	1/4	2,214.90	1/4	2,556.81	1/4	2,898.02	1/4	3,238.79
1/2	171.11	1/2	513.01	1/2	854.87	1/2	1,196.31	1/2	1,538.21	1/2	1,880.12	1/2	2,222.02	1/2	2,563.94	1/2	2,905.12	1/2	3,245.88
3/4	178.24	3/4	520.13	3/4	861.98	3/4	1,203.43	3/4	1,545.34	3/4	1,887.24	3/4	2,229.15	3/4	2,571.06	3/4	2,912.23	3/4	3,252.96
8	185.36	8	527.25	8	869.10	8	1,210.56	8	1,552.46	8	1,894.36	8	2,236.27	8	2,578.19	8	2,919.33	8	3,260.05
1/4	192.48	1/4	534.38	1/4	876.21	1/4	1,217.68	1/4	1,559.58	1/4	1,901.49	1/4	2,243.39	1/4	2,585.31	1/4	2,926.44	1/4	3,267.14
1/2	199.61	1/2	541.50	1/2	883.31	1/2	1,224.80	1/2	1,566.71	1/2	1,908.61	1/2	2,250.51	1/2	2,592.43	1/2	2,933.54	1/2	3,274.23
3/4	206.73	3/4	548.62	3/4	890.42	3/4	1,231.93	3/4	1,573.83	3/4	1,915.73	3/4	2,257.64	3/4	2,599.56	3/4	2,940.65	3/4	3,281.31
9	213.85	9	555.75	9	897.53	9	1,239.05	9	1,580.95	9	1,922.86	9	2,264.76	9	2,606.68	9	2,947.75	9	3,288.40
1/4	220.97	1/4	562.87	1/4	904.64	1/4	1,246.17	1/4	1,588.08	1/4	1,929.98	1/4	2,271.88	1/4	2,613.80	1/4	2,954.85	1/4	3,295.49
1/2	228.10	1/2	569.99	1/2	911.75	1/2	1,253.29	1/2	1,595.20	1/2	1,937.10	1/2	2,279.01	1/2	2,620.91	1/2	2,961.96	1/2	3,302.58
3/4	235.22	3/4	577.11	3/4	918.86	3/4	1,260.42	3/4	1,602.32	3/4	1,944.23	3/4	2,286.13	3/4	2,628.02	3/4	2,969.06	3/4	3,309.66
10	242.34	10	584.24	10	925.97	10	1,267.54	10	1,609.44	10	1,951.35	10	2,293.25	10	2,635.14	10	2,976.17	10	3,316.75
1/4	249.47	1/4	591.36	1/4	933.08	1/4	1,274.66	1/4	1,616.57	1/4	1,958.47	1/4	2,300.38	1/4	2,642.24	1/4	2,983.27	1/4	3,323.84
1/2	256.59	1/2	598.48	1/2	940.19	1/2	1,281.79	1/2	1,623.69	1/2	1,965.59	1/2	2,307.50	1/2	2,649.35	1/2	2,990.38	1/2	3,330.93
3/4	263.71	3/4	605.60	3/4	947.29	3/4	1,288.91	3/4	1,630.81	3/4	1,972.72	3/4	2,314.62	3/4	2,656.45	3/4	2,997.48	3/4	3,338.01
11	270.83	11	612.73	11	954.40	11	1,296.03	11	1,637.94	11	1,979.84	11	2,321.74	11	2,663.56	11	3,004.59	11	3,345.10
1/4	277.96	1/4	619.85	1/4	961.51	1/4	1,303.16	1/4	1,645.06	1/4	1,986.96	1/4	2,328.87	1/4	2,670.66	1/4	3,011.69	1/4	3,352.19
1/2	285.08	1/2	626.97	1/2	968.62	1/2	1,310.28	1/2	1,652.18	1/2	1,994.09	1/2	2,335.99	1/2	2,677.77	1/2	3,018.80	1/2	3,359.28
3/4	292.20	3/4	634.10	3/4	975.73	3/4	1,317.40	3/4	1,659.31	3/4	2,001.21	3/4	2,343.11	3/4	2,684.87	3/4	3,025.90	3/4	3,366.37

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 82'-08" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

3 STBD
INNAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,367.94	0	3,577.42	0	3,787.11	0	3,996.52	0	4,205.29	0	4,395.79	0		0		0		0	
1/4	3,372.28	1/4	3,581.79	1/4	3,791.47	1/4	4,000.87	1/4	4,209.64	1/4	4,397.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,376.61	1/2	3,586.16	1/2	3,795.84	1/2	4,005.22	1/2	4,213.99	1/2	4,399.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,380.94	3/4	3,590.52	3/4	3,800.21	3/4	4,009.57	3/4	4,218.34	3/4	4,400.91	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,385.28	1	3,594.89	1	3,804.58	1	4,013.92	1	4,222.69	1	4,402.62	1	1	1	1	1	1	1	1
1/4	3,389.63	1/4	3,599.26	1/4	3,808.95	1/4	4,018.27	1/4	4,227.04	1/4	4,404.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,393.98	1/2	3,603.63	1/2	3,813.32	1/2	4,022.62	1/2	4,231.39	1/2	4,406.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,398.33	3/4	3,608.00	3/4	3,817.69	3/4	4,026.97	3/4	4,235.74	3/4	4,407.74	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,402.68	2	3,612.37	2	3,822.05	2	4,031.32	2	4,240.09	2	4,409.44	2	2	2	2	2	2	2	2
1/4	3,407.05	1/4	3,616.73	1/4	3,826.42	1/4	4,035.67	1/4	4,244.44	1/4	4,410.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,411.42	1/2	3,621.10	1/2	3,830.79	1/2	4,040.02	1/2	4,248.79	1/2	4,411.60	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,415.78	3/4	3,625.47	3/4	3,835.16	3/4	4,044.36	3/4	4,253.14	3/4	4,412.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,420.15	3	3,629.84	3	3,839.53	3	4,048.71	3	4,257.49	3	4,413.75	3	3	3	3	3	3	3	3
1/4	3,424.52	1/4	3,634.21	1/4	3,843.90	1/4	4,053.06	1/4	4,261.83	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,428.89	1/2	3,638.58	1/2	3,848.27	1/2	4,057.41	1/2	4,266.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,433.26	3/4	3,642.95	3/4	3,852.63	3/4	4,061.76	3/4	4,270.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,437.63	4	3,647.31	4	3,857.00	4	4,066.11	4	4,274.88	4		4	4	4	4	4	4	4	4
1/4	3,441.99	1/4	3,651.68	1/4	3,861.37	1/4	4,070.46	1/4	4,279.22	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,446.36	1/2	3,656.05	1/2	3,865.74	1/2	4,074.81	1/2	4,283.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,450.73	3/4	3,660.42	3/4	3,870.11	3/4	4,079.16	3/4	4,287.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,455.10	5	3,664.79	5	3,874.48	5	4,083.51	5	4,292.23	5		5	5	5	5	5	5	5	5
1/4	3,459.47	1/4	3,669.16	1/4	3,878.84	1/4	4,087.86	1/4	4,296.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,463.84	1/2	3,673.53	1/2	3,883.21	1/2	4,092.21	1/2	4,300.87	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,468.21	3/4	3,677.89	3/4	3,887.58	3/4	4,096.56	3/4	4,305.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,472.57	6	3,682.26	6	3,891.95	6	4,100.91	6	4,309.51	6		6	6	6	6	6	6	6	6
1/4	3,476.94	1/4	3,686.63	1/4	3,896.32	1/4	4,105.26	1/4	4,313.83	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,481.31	1/2	3,691.00	1/2	3,900.69	1/2	4,109.61	1/2	4,318.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,485.68	3/4	3,695.37	3/4	3,905.06	3/4	4,113.95	3/4	4,322.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,490.05	7	3,699.74	7	3,909.42	7	4,118.30	7	4,326.79	7		7	7	7	7	7	7	7	7
1/4	3,494.42	1/4	3,704.10	1/4	3,913.79	1/4	4,122.65	1/4	4,331.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,498.79	1/2	3,708.47	1/2	3,918.16	1/2	4,127.00	1/2	4,335.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,503.15	3/4	3,712.84	3/4	3,922.53	3/4	4,131.35	3/4	4,339.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,507.52	8	3,717.21	8	3,926.90	8	4,135.70	8	4,344.05	8		8	8	8	8	8	8	8	8
1/4	3,511.89	1/4	3,721.58	1/4	3,931.26	1/4	4,140.05	1/4	4,348.33	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,516.26	1/2	3,725.95	1/2	3,935.61	1/2	4,144.40	1/2	4,352.61	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,520.63	3/4	3,730.32	3/4	3,939.97	3/4	4,148.75	3/4	4,356.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,525.00	9	3,734.68	9	3,944.33	9	4,153.10	9	4,361.17	9		9	9	9	9	9	9	9	9
1/4	3,529.36	1/4	3,739.05	1/4	3,948.68	1/4	4,157.45	1/4	4,365.01	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,533.73	1/2	3,743.42	1/2	3,953.03	1/2	4,161.80	1/2	4,368.85	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,538.10	3/4	3,747.79	3/4	3,957.38	3/4	4,166.15	3/4	4,372.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,542.47	10	3,752.16	10	3,961.73	10	4,170.50	10	4,376.54	10		10	10	10	10	10	10	10	10
1/4	3,546.84	1/4	3,756.53	1/4	3,966.08	1/4	4,174.85	1/4	4,379.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,551.21	1/2	3,760.90	1/2	3,970.42	1/2	4,179.20	1/2	4,382.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,555.58	3/4	3,765.26	3/4	3,974.77	3/4	4,183.55	3/4	4,385.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,559.94	11	3,769.63	11	3,979.12	11	4,187.89	11	4,387.89	11		11	11	11	11	11	11	11	11
1/4	3,564.31	1/4	3,774.00	1/4	3,983.47	1/4	4,192.24	1/4	4,389.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,568.68	1/2	3,778.37	1/2	3,987.82	1/2	4,196.59	1/2	4,391.84	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,573.05	3/4	3,782.74	3/4	3,992.17	3/4	4,200.94	3/4	4,393.82	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: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

ULLAGE (10" 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	- 02-0/8	02-0/8	- 04-0/8	04-0/8	- 06-0/8	06-0/8	- 08-1/8	08-1/8	- 10-1/8	10-1/8	- 12-1/8	12-1/8
1 STBD	- 02-0/8	02-0/8	- 04-0/8	04-0/8	- 06-0/8	06-0/8	- 08-1/8	08-1/8	- 10-1/8	10-1/8	- 12-1/8	12-1/8
2 PORT	- 02-0/8	02-0/8	- 04-0/8	04-0/8	- 06-1/8	06-1/8	- 08-1/8	08-1/8	- 10-1/8	10-1/8	- 12-1/8	12-1/8
2 STBD	- 02-0/8	02-0/8	- 04-0/8	04-0/8	- 06-1/8	06-1/8	- 08-1/8	08-1/8	- 10-1/8	10-1/8	- 12-1/8	12-1/8
3 PORT	02-0/8	- 02-0/8	04-0/8	- 04-0/8	06-0/8	- 06-0/8	08-0/8	- 08-0/8	10-1/8	- 10-1/8	12-1/8	- 12-1/8
3 STBD	02-0/8	- 02-0/8	04-0/8	- 04-0/8	06-0/8	- 06-0/8	08-0/8	- 08-0/8	10-1/8	- 10-1/8	12-1/8	- 12-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 08-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-08 1/8"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

July 8, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

1 PORT ULLAGE TABLE

10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,032.14	0	4,747.18	0	4,406.03	0	4,064.05	0	3,721.33	0	3,378.69	0	3,036.07
1/4		1/4		1/4		1/4	5,030.13	1/4	4,740.07	1/4	4,398.93	1/4	4,056.91	1/4	3,714.19	1/4	3,371.55	1/4	3,028.93
1/2		1/2		1/2		1/2	5,028.13	1/2	4,732.97	1/2	4,391.82	1/2	4,049.77	1/2	3,707.05	1/2	3,364.41	1/2	3,021.79
3/4		3/4		3/4		3/4	5,026.12	3/4	4,725.86	3/4	4,384.71	3/4	4,042.63	3/4	3,699.91	3/4	3,357.28	3/4	3,014.66
1		1		1		1	5,024.12	1	4,718.75	1	4,377.61	1	4,035.49	1	3,692.77	1	3,350.14	1	3,007.52
1/4		1/4		1/4		1/4	5,020.93	1/4	4,711.64	1/4	4,370.50	1/4	4,028.35	1/4	3,685.63	1/4	3,343.00	1/4	3,000.38
1/2		1/2		1/2		1/2	5,017.73	1/2	4,704.54	1/2	4,363.39	1/2	4,021.21	1/2	3,678.49	1/2	3,335.86	1/2	2,993.24
3/4		3/4		3/4		3/4	5,014.54	3/4	4,697.43	3/4	4,356.28	3/4	4,014.07	3/4	3,671.35	3/4	3,328.72	3/4	2,986.10
2		2		2		2	5,011.34	2	4,690.32	2	4,349.18	2	4,006.93	2	3,664.21	2	3,321.59	2	2,978.96
1/4		1/4		1/4		1/4	5,006.96	1/4	4,683.22	1/4	4,342.07	1/4	3,999.79	1/4	3,657.07	1/4	3,314.45	1/4	2,971.82
1/2		1/2		1/2		1/2	5,002.57	1/2	4,676.11	1/2	4,334.96	1/2	3,992.65	1/2	3,649.93	1/2	3,307.31	1/2	2,964.68
3/4		3/4		3/4		3/4	4,998.19	3/4	4,669.00	3/4	4,327.86	3/4	3,985.51	3/4	3,642.79	3/4	3,300.17	3/4	2,957.54
3		3		3		3	4,993.80	3	4,661.89	3	4,320.75	3	3,978.37	3	3,635.65	3	3,293.03	3	2,950.40
1/4		1/4		1/4		1/4	4,988.23	1/4	4,654.79	1/4	4,313.64	1/4	3,971.23	1/4	3,628.51	1/4	3,285.90	1/4	2,943.26
1/2		1/2		1/2		1/2	4,982.65	1/2	4,647.68	1/2	4,306.53	1/2	3,964.09	1/2	3,621.38	1/2	3,278.76	1/2	2,936.12
3/4		3/4		3/4		3/4	4,977.08	3/4	4,640.57	3/4	4,299.43	3/4	3,956.95	3/4	3,614.24	3/4	3,271.62	3/4	2,928.98
4		4		4		4	4,971.50	4	4,633.47	4	4,292.32	4	3,949.81	4	3,607.10	4	3,264.48	4	2,921.84
1/4		1/4		1/4		1/4	4,964.92	1/4	4,626.36	1/4	4,285.21	1/4	3,942.67	1/4	3,599.96	1/4	3,257.34	1/4	2,914.70
1/2		1/2		1/2		1/2	4,958.34	1/2	4,619.25	1/2	4,278.11	1/2	3,935.53	1/2	3,592.83	1/2	3,250.21	1/2	2,907.56
3/4		3/4		3/4		3/4	4,951.76	3/4	4,612.14	3/4	4,271.00	3/4	3,928.39	3/4	3,585.69	3/4	3,243.07	3/4	2,900.42
5		5		5		5	4,945.18	5	4,605.04	5	4,263.89	5	3,921.25	5	3,578.55	5	3,235.93	5	2,893.28
1/4		1/4		1/4		1/4	4,938.16	1/4	4,597.93	1/4	4,256.77	1/4	3,914.11	1/4	3,571.41	1/4	3,228.79	1/4	2,886.14
1/2		1/2		1/2		1/2	4,931.14	1/2	4,590.82	1/2	4,249.65	1/2	3,906.97	1/2	3,564.27	1/2	3,221.66	1/2	2,879.01
3/4		3/4		3/4		3/4	4,924.11	3/4	4,583.71	3/4	4,242.52	3/4	3,899.83	3/4	3,557.14	3/4	3,214.52	3/4	2,871.87
6		6		6		6	4,917.09	6	4,576.61	6	4,235.40	6	3,892.69	6	3,550.00	6	3,207.38	6	2,864.73
1/4		1/4		1/4		1/4	4,910.04	1/4	4,569.50	1/4	4,228.26	1/4	3,885.55	1/4	3,542.86	1/4	3,200.24	1/4	2,857.59
1/2		1/2		1/2		1/2	4,902.98	1/2	4,562.39	1/2	4,221.12	1/2	3,878.41	1/2	3,535.72	1/2	3,193.10	1/2	2,850.45
3/4		3/4		3/4		3/4	4,895.93	3/4	4,555.29	3/4	4,213.98	3/4	3,871.27	3/4	3,528.59	3/4	3,185.97	3/4	2,843.31
7		7		7		7	4,888.87	7	4,548.18	7	4,206.84	7	3,864.13	7	3,521.45	7	3,178.83	7	2,836.17
1/4		1/4		1/4		1/4	4,881.81	1/4	4,541.07	1/4	4,199.70	1/4	3,856.99	1/4	3,514.31	1/4	3,171.69	1/4	2,829.03
1/2		1/2		1/2		1/2	4,874.75	1/2	4,533.96	1/2	4,192.56	1/2	3,849.85	1/2	3,507.17	1/2	3,164.55	1/2	2,821.89
3/4		3/4		3/4		3/4	4,867.69	3/4	4,526.86	3/4	4,185.42	3/4	3,842.71	3/4	3,500.03	3/4	3,157.41	3/4	2,814.75
8		8		8		8	4,860.63	8	4,519.75	8	4,178.28	8	3,835.57	8	3,492.90	8	3,150.28	8	2,807.61
1/4		1/4		1/4		1/4	4,853.56	1/4	4,512.64	1/4	4,171.14	1/4	3,828.43	1/4	3,485.76	1/4	3,143.14	1/4	2,800.47
1/2		1/2		1/2		1/2	4,846.50	1/2	4,505.54	1/2	4,164.00	1/2	3,821.29	1/2	3,478.62	1/2	3,136.00	1/2	2,793.33
3/4		3/4		3/4		3/4	4,839.44	3/4	4,498.43	3/4	4,156.86	3/4	3,814.15	3/4	3,471.48	3/4	3,128.86	3/4	2,786.19
9		9		9		9	4,832.38	9	4,491.32	9	4,149.72	9	3,807.01	9	3,464.34	9	3,121.72	9	2,779.05
1/4		1/4		1/4		1/4	4,825.29	1/4	4,484.21	1/4	4,142.58	1/4	3,799.87	1/4	3,457.21	1/4	3,114.59	1/4	2,771.91
1/2		1/2		1/2		1/2	4,818.21	1/2	4,477.11	1/2	4,135.44	1/2	3,792.73	1/2	3,450.07	1/2	3,107.45	1/2	2,764.77
3/4		3/4		3/4		3/4	4,811.12	3/4	4,470.00	3/4	4,128.30	3/4	3,785.59	3/4	3,442.93	3/4	3,100.31	3/4	2,757.63
10		10		10		10	4,804.04	10	4,462.89	10	4,121.16	10	3,778.45	10	3,435.79	10	3,093.17	10	2,750.49
1/4		1/4		1/4		1/4	4,796.93	1/4	4,455.79	1/4	4,114.02	1/4	3,771.31	1/4	3,428.65	1/4	3,086.04	1/4	2,743.35
1/2		1/2		1/2		1/2	4,789.82	1/2	4,448.68	1/2	4,106.88	1/2	3,764.17	1/2	3,421.52	1/2	3,078.90	1/2	2,736.21
3/4		3/4		3/4		3/4	4,782.72	3/4	4,441.57	3/4	4,099.74	3/4	3,757.03	3/4	3,414.38	3/4	3,071.76	3/4	2,729.07
11		11		11	5,035.85	11	4,775.61	11	4,434.46	11	4,092.60	11	3,749.89	11	3,407.24	11	3,064.62	11	2,721.93
1/4		1/4		1/4	5,034.92	1/4	4,768.50	1/4	4,427.36	1/4	4,085.46	1/4	3,742.75	1/4	3,400.10	1/4	3,057.48	1/4	2,714.79
1/2		1/2		1/2	5,033.99	1/2	4,761.39	1/2	4,420.25	1/2	4,078.32	1/2	3,735.61	1/2	3,392.96	1/2	3,050.35	1/2	2,707.65
3/4		3/4		3/4	5,033.07	3/4	4,754.29	3/4	4,413.14	3/4	4,071.19	3/4	3,728.47	3/4	3,385.83	3/4	3,043.21	3/4	2,700.51

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

1 PORT
ULLAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,693.37	0	2,350.65	0	2,007.92	0	1,665.18	0	1,322.45	0	980.42	0	639.62	0	304.02	0	20.48	0	
1/4	2,686.23	1/4	2,343.51	1/4	2,000.78	1/4	1,658.04	1/4	1,315.31	1/4	973.34	1/4	632.48	1/4	297.47	1/4	17.68	1/4	
1/2	2,679.09	1/2	2,336.37	1/2	1,993.64	1/2	1,650.90	1/2	1,308.17	1/2	966.26	1/2	625.33	1/2	290.91	1/2	14.88	1/2	
3/4	2,671.95	3/4	2,329.23	3/4	1,986.50	3/4	1,643.76	3/4	1,301.03	3/4	959.18	3/4	618.19	3/4	284.36	3/4	12.09	3/4	
1	2,664.81	1	2,322.09	1	1,979.36	1	1,636.62	1	1,293.89	1	952.10	1	611.05	1	277.80	1	9.29	1	
1/4	2,657.67	1/4	2,314.95	1/4	1,972.22	1/4	1,629.48	1/4	1,286.75	1/4	945.02	1/4	603.91	1/4	271.33	1/4	7.50	1/4	
1/2	2,650.53	1/2	2,307.81	1/2	1,965.08	1/2	1,622.34	1/2	1,279.61	1/2	937.94	1/2	596.77	1/2	264.85	1/2	5.72	1/2	
3/4	2,643.39	3/4	2,300.67	3/4	1,957.94	3/4	1,615.20	3/4	1,272.47	3/4	930.86	3/4	589.63	3/4	258.38	3/4	3.93	3/4	
2	2,636.25	2	2,293.53	2	1,950.79	2	1,608.06	2	1,265.33	2	923.78	2	582.49	2	251.91	2	2.15	2	
1/4	2,629.11	1/4	2,286.39	1/4	1,943.65	1/4	1,600.92	1/4	1,258.19	1/4	916.70	1/4	575.35	1/4	245.52	1/4		1/4	
1/2	2,621.98	1/2	2,279.25	1/2	1,936.51	1/2	1,593.78	1/2	1,251.05	1/2	909.62	1/2	568.21	1/2	239.13	1/2		1/2	
3/4	2,614.84	3/4	2,272.11	3/4	1,929.37	3/4	1,586.64	3/4	1,243.91	3/4	902.54	3/4	561.07	3/4	232.74	3/4		3/4	
3	2,607.70	3	2,264.97	3	1,922.23	3	1,579.50	3	1,236.76	3	895.46	3	553.93	3	226.35	3		3	
1/4	2,600.56	1/4	2,257.83	1/4	1,915.09	1/4	1,572.36	1/4	1,229.62	1/4	888.38	1/4	546.79	1/4	220.05	1/4		1/4	
1/2	2,593.42	1/2	2,250.69	1/2	1,907.95	1/2	1,565.22	1/2	1,222.48	1/2	881.30	1/2	539.65	1/2	213.74	1/2		1/2	
3/4	2,586.28	3/4	2,243.55	3/4	1,900.81	3/4	1,558.08	3/4	1,215.34	3/4	874.23	3/4	532.51	3/4	207.43	3/4		3/4	
4	2,579.14	4	2,236.41	4	1,893.67	4	1,550.94	4	1,208.20	4	867.15	4	525.37	4	201.13	4		4	
1/4	2,572.00	1/4	2,229.27	1/4	1,886.53	1/4	1,543.80	1/4	1,201.06	1/4	860.07	1/4	518.23	1/4	194.91	1/4		1/4	
1/2	2,564.86	1/2	2,222.13	1/2	1,879.39	1/2	1,536.66	1/2	1,193.92	1/2	852.99	1/2	511.09	1/2	188.68	1/2		1/2	
3/4	2,557.72	3/4	2,214.99	3/4	1,872.25	3/4	1,529.52	3/4	1,186.78	3/4	845.91	3/4	503.95	3/4	182.46	3/4		3/4	
5	2,550.58	5	2,207.85	5	1,865.11	5	1,522.38	5	1,179.64	5	838.83	5	496.81	5	176.24	5		5	
1/4	2,543.44	1/4	2,200.71	1/4	1,857.97	1/4	1,515.24	1/4	1,172.50	1/4	831.75	1/4	489.70	1/4	170.10	1/4		1/4	
1/2	2,536.30	1/2	2,193.56	1/2	1,850.83	1/2	1,508.10	1/2	1,165.36	1/2	824.67	1/2	482.58	1/2	163.96	1/2		1/2	
3/4	2,529.16	3/4	2,186.42	3/4	1,843.69	3/4	1,500.96	3/4	1,158.22	3/4	817.59	3/4	475.46	3/4	157.82	3/4		3/4	
6	2,522.02	6	2,179.28	6	1,836.55	6	1,493.82	6	1,151.08	6	810.51	6	468.35	6	151.68	6		6	
1/4	2,514.88	1/4	2,172.14	1/4	1,829.41	1/4	1,486.68	1/4	1,143.94	1/4	803.42	1/4	461.30	1/4	145.63	1/4		1/4	
1/2	2,507.74	1/2	2,165.00	1/2	1,822.27	1/2	1,479.53	1/2	1,136.80	1/2	796.34	1/2	454.24	1/2	139.57	1/2		1/2	
3/4	2,500.60	3/4	2,157.86	3/4	1,815.13	3/4	1,472.39	3/4	1,129.66	3/4	789.26	3/4	447.19	3/4	133.52	3/4		3/4	
7	2,493.46	7	2,150.72	7	1,807.99	7	1,465.25	7	1,122.52	7	782.17	7	440.14	7	127.46	7		7	
1/4	2,486.32	1/4	2,143.58	1/4	1,800.85	1/4	1,458.11	1/4	1,115.38	1/4	775.08	1/4	433.17	1/4	121.49	1/4		1/4	
1/2	2,479.18	1/2	2,136.44	1/2	1,793.71	1/2	1,450.97	1/2	1,108.24	1/2	767.98	1/2	426.20	1/2	115.52	1/2		1/2	
3/4	2,472.04	3/4	2,129.30	3/4	1,786.57	3/4	1,443.83	3/4	1,101.10	3/4	760.88	3/4	419.23	3/4	109.55	3/4		3/4	
8	2,464.90	8	2,122.16	8	1,779.43	8	1,436.69	8	1,093.96	8	753.79	8	412.26	8	103.58	8		8	
1/4	2,457.76	1/4	2,115.02	1/4	1,772.29	1/4	1,429.55	1/4	1,086.84	1/4	746.66	1/4	405.37	1/4	97.69	1/4		1/4	
1/2	2,450.62	1/2	2,107.88	1/2	1,765.15	1/2	1,422.41	1/2	1,079.71	1/2	739.54	1/2	398.48	1/2	91.81	1/2		1/2	
3/4	2,443.48	3/4	2,100.74	3/4	1,758.01	3/4	1,415.27	3/4	1,072.59	3/4	732.42	3/4	391.59	3/4	85.93	3/4		3/4	
9	2,436.34	9	2,093.60	9	1,750.87	9	1,408.13	9	1,065.47	9	725.30	9	384.70	9	80.04	9		9	
1/4	2,429.19	1/4	2,086.46	1/4	1,743.73	1/4	1,400.99	1/4	1,058.37	1/4	718.16	1/4	377.89	1/4	74.26	1/4		1/4	
1/2	2,422.05	1/2	2,079.32	1/2	1,736.59	1/2	1,393.85	1/2	1,051.27	1/2	711.02	1/2	371.09	1/2	68.48	1/2		1/2	
3/4	2,414.91	3/4	2,072.18	3/4	1,729.45	3/4	1,386.71	3/4	1,044.17	3/4	703.88	3/4	364.28	3/4	62.70	3/4		3/4	
10	2,407.77	10	2,065.04	10	1,722.31	10	1,379.57	10	1,037.08	10	696.74	10	357.47	10	56.92	10		10	
1/4	2,400.63	1/4	2,057.90	1/4	1,715.16	1/4	1,372.43	1/4	1,029.99	1/4	689.60	1/4	350.75	1/4	51.66	1/4		1/4	
1/2	2,393.49	1/2	2,050.76	1/2	1,708.02	1/2	1,365.29	1/2	1,022.91	1/2	682.46	1/2	344.03	1/2	46.40	1/2		1/2	
3/4	2,386.35	3/4	2,043.62	3/4	1,700.88	3/4	1,358.15	3/4	1,015.83	3/4	675.32	3/4	337.30	3/4	41.15	3/4		3/4	
11	2,379.21	11	2,036.48	11	1,693.74	11	1,351.01	11	1,008.74	11	668.18	11	330.58	11	35.89	11		11	
1/4	2,372.07	1/4	2,029.34	1/4	1,686.60	1/4	1,343.87	1/4	1,001.66	1/4	661.04	1/4	323.94	1/4	32.04	1/4		1/4	
1/2	2,364.93	1/2	2,022.20	1/2	1,679.46	1/2	1,336.73	1/2	994.58	1/2	653.90	1/2	317.30	1/2	28.19	1/2		1/2	
3/4	2,357.79	3/4	2,015.06	3/4	1,672.32	3/4	1,329.59	3/4	987.50	3/4	646.76	3/4	310.66	3/4	24.33	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

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



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

1 STBD
ULLAGE TABLE

10" HATCH
GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,036.37	0	4,751.31	0	4,410.03	0	4,067.91	0	3,725.07	0	3,382.30	0	3,039.55
1/4		1/4		1/4		1/4	5,034.36	1/4	4,744.20	1/4	4,402.92	1/4	4,060.77	1/4	3,717.93	1/4	3,375.16	1/4	3,032.41
1/2		1/2		1/2		1/2	5,032.36	1/2	4,737.09	1/2	4,395.81	1/2	4,053.63	1/2	3,710.78	1/2	3,368.02	1/2	3,025.27
3/4		3/4		3/4		3/4	5,030.35	3/4	4,729.98	3/4	4,388.70	3/4	4,046.49	3/4	3,703.64	3/4	3,360.88	3/4	3,018.13
1		1		1		1	5,028.35	1	4,722.87	1	4,381.59	1	4,039.34	1	3,696.50	1	3,353.74	1	3,010.99
1/4		1/4		1/4		1/4	5,025.15	1/4	4,715.76	1/4	4,374.48	1/4	4,032.20	1/4	3,689.36	1/4	3,346.60	1/4	3,003.85
1/2		1/2		1/2		1/2	5,021.95	1/2	4,708.65	1/2	4,367.37	1/2	4,025.06	1/2	3,682.21	1/2	3,339.46	1/2	2,996.70
3/4		3/4		3/4		3/4	5,018.76	3/4	4,701.54	3/4	4,360.26	3/4	4,017.92	3/4	3,675.07	3/4	3,332.32	3/4	2,989.56
2		2		2		2	5,015.56	2	4,694.43	2	4,353.15	2	4,010.77	2	3,667.93	2	3,325.17	2	2,982.42
1/4		1/4		1/4		1/4	5,011.18	1/4	4,687.32	1/4	4,346.04	1/4	4,003.63	1/4	3,660.79	1/4	3,318.03	1/4	2,975.28
1/2		1/2		1/2		1/2	5,006.79	1/2	4,680.21	1/2	4,338.93	1/2	3,996.49	1/2	3,653.64	1/2	3,310.89	1/2	2,968.14
3/4		3/4		3/4		3/4	5,002.40	3/4	4,673.10	3/4	4,331.82	3/4	3,989.35	3/4	3,646.50	3/4	3,303.75	3/4	2,960.99
3		3		3		3	4,998.02	3	4,665.99	3	4,324.71	3	3,982.20	3	3,639.36	3	3,296.61	3	2,953.85
1/4		1/4		1/4		1/4	4,992.44	1/4	4,658.88	1/4	4,317.60	1/4	3,975.06	1/4	3,632.22	1/4	3,289.47	1/4	2,946.71
1/2		1/2		1/2		1/2	4,986.86	1/2	4,651.77	1/2	4,310.49	1/2	3,967.92	1/2	3,625.08	1/2	3,282.33	1/2	2,939.57
3/4		3/4		3/4		3/4	4,981.29	3/4	4,644.66	3/4	4,303.39	3/4	3,960.78	3/4	3,617.94	3/4	3,275.19	3/4	2,932.42
4		4		4		4	4,975.71	4	4,637.55	4	4,296.28	4	3,953.63	4	3,610.80	4	3,268.05	4	2,925.28
1/4		1/4		1/4		1/4	4,969.12	1/4	4,630.44	1/4	4,289.17	1/4	3,946.49	1/4	3,603.66	1/4	3,260.91	1/4	2,918.14
1/2		1/2		1/2		1/2	4,962.54	1/2	4,623.33	1/2	4,282.06	1/2	3,939.35	1/2	3,596.52	1/2	3,253.77	1/2	2,911.00
3/4		3/4		3/4		3/4	4,955.96	3/4	4,616.22	3/4	4,274.95	3/4	3,932.21	3/4	3,589.38	3/4	3,246.63	3/4	2,903.85
5		5		5		5	4,949.37	5	4,609.11	5	4,267.84	5	3,925.06	5	3,582.24	5	3,239.49	5	2,896.71
1/4		1/4		1/4		1/4	4,942.35	1/4	4,602.00	1/4	4,260.71	1/4	3,917.92	1/4	3,575.10	1/4	3,232.35	1/4	2,889.57
1/2		1/2		1/2		1/2	4,935.33	1/2	4,594.89	1/2	4,253.59	1/2	3,910.78	1/2	3,567.96	1/2	3,225.21	1/2	2,882.43
3/4		3/4		3/4		3/4	4,928.30	3/4	4,587.78	3/4	4,246.46	3/4	3,903.63	3/4	3,560.81	3/4	3,218.07	3/4	2,875.28
6		6		6		6	4,921.28	6	4,580.67	6	4,239.34	6	3,896.49	6	3,553.67	6	3,210.93	6	2,868.14
1/4		1/4		1/4		1/4	4,914.22	1/4	4,573.56	1/4	4,232.19	1/4	3,889.35	1/4	3,546.53	1/4	3,203.78	1/4	2,861.00
1/2		1/2		1/2		1/2	4,907.17	1/2	4,566.45	1/2	4,225.05	1/2	3,882.21	1/2	3,539.39	1/2	3,196.64	1/2	2,853.86
3/4		3/4		3/4		3/4	4,900.11	3/4	4,559.34	3/4	4,217.91	3/4	3,875.06	3/4	3,532.25	3/4	3,189.50	3/4	2,846.71
7		7		7		7	4,893.05	7	4,552.23	7	4,210.77	7	3,867.92	7	3,525.11	7	3,182.36	7	2,839.57
1/4		1/4		1/4		1/4	4,885.99	1/4	4,545.12	1/4	4,203.62	1/4	3,860.78	1/4	3,517.97	1/4	3,175.22	1/4	2,832.43
1/2		1/2		1/2		1/2	4,878.92	1/2	4,538.01	1/2	4,196.48	1/2	3,853.64	1/2	3,510.83	1/2	3,168.08	1/2	2,825.29
3/4		3/4		3/4		3/4	4,871.86	3/4	4,530.90	3/4	4,189.34	3/4	3,846.49	3/4	3,503.69	3/4	3,160.94	3/4	2,818.14
8		8		8		8	4,864.79	8	4,523.79	8	4,182.20	8	3,839.35	8	3,496.55	8	3,153.80	8	2,811.00
1/4		1/4		1/4		1/4	4,857.73	1/4	4,516.68	1/4	4,175.05	1/4	3,832.21	1/4	3,489.41	1/4	3,146.66	1/4	2,803.86
1/2		1/2		1/2		1/2	4,850.66	1/2	4,509.57	1/2	4,167.91	1/2	3,825.07	1/2	3,482.27	1/2	3,139.52	1/2	2,796.72
3/4		3/4		3/4		3/4	4,843.60	3/4	4,502.46	3/4	4,160.77	3/4	3,817.92	3/4	3,475.13	3/4	3,132.38	3/4	2,789.57
9		9		9		9	4,836.53	9	4,495.35	9	4,153.63	9	3,810.78	9	3,467.99	9	3,125.24	9	2,782.43
1/4		1/4		1/4		1/4	4,829.45	1/4	4,488.24	1/4	4,146.48	1/4	3,803.64	1/4	3,460.85	1/4	3,118.10	1/4	2,775.29
1/2		1/2		1/2		1/2	4,822.36	1/2	4,481.13	1/2	4,139.34	1/2	3,796.50	1/2	3,453.71	1/2	3,110.96	1/2	2,768.15
3/4		3/4		3/4		3/4	4,815.27	3/4	4,474.02	3/4	4,132.20	3/4	3,789.35	3/4	3,446.56	3/4	3,103.82	3/4	2,761.00
10		10		10		10	4,808.19	10	4,466.91	10	4,125.06	10	3,782.21	10	3,439.42	10	3,096.68	10	2,753.86
1/4		1/4		1/4		1/4	4,801.08	1/4	4,459.80	1/4	4,117.91	1/4	3,775.07	1/4	3,432.28	1/4	3,089.53	1/4	2,746.72
1/2		1/2		1/2		1/2	4,793.97	1/2	4,452.69	1/2	4,110.77	1/2	3,767.93	1/2	3,425.14	1/2	3,082.39	1/2	2,739.58
3/4		3/4		3/4		3/4	4,786.86	3/4	4,445.58	3/4	4,103.63	3/4	3,760.78	3/4	3,418.00	3/4	3,075.25	3/4	2,732.43
11		11		11	5,040.08	11	4,779.75	11	4,438.47	11	4,096.49	11	3,753.64	11	3,410.86	11	3,068.11	11	2,725.29
1/4		1/4		1/4	5,039.15	1/4	4,772.64	1/4	4,431.36	1/4	4,089.34	1/4	3,746.50	1/4	3,403.72	1/4	3,060.97	1/4	2,718.15
1/2		1/2		1/2	5,038.22	1/2	4,765.53	1/2	4,424.25	1/2	4,082.20	1/2	3,739.36	1/2	3,396.58	1/2	3,053.83	1/2	2,711.01
3/4		3/4		3/4	5,037.29	3/4	4,758.42	3/4	4,417.14	3/4	4,075.06	3/4	3,732.21	3/4	3,389.44	3/4	3,046.69	3/4	2,703.86

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

1 STBD
ULLAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,696.72	0	2,353.87	0	2,011.01	0	1,668.15	0	1,325.28	0	982.47	0	639.85	0	304.10	0	20.49	0	
1/4	2,689.58	1/4	2,346.73	1/4	2,003.87	1/4	1,661.00	1/4	1,318.14	1/4	975.34	1/4	632.71	1/4	297.54	1/4	17.69	1/4	
1/2	2,682.44	1/2	2,339.59	1/2	1,996.72	1/2	1,653.86	1/2	1,311.00	1/2	968.21	1/2	625.57	1/2	290.98	1/2	14.89	1/2	
3/4	2,675.29	3/4	2,332.44	3/4	1,989.58	3/4	1,646.72	3/4	1,303.85	3/4	961.07	3/4	618.43	3/4	284.43	3/4	12.09	3/4	
1	2,668.15	1	2,325.30	1	1,982.44	1	1,639.57	1	1,296.71	1	953.94	1	611.28	1	277.87	1	9.30	1	
1/4	2,661.01	1/4	2,318.16	1/4	1,975.29	1/4	1,632.43	1/4	1,289.57	1/4	946.80	1/4	604.14	1/4	271.39	1/4	7.51	1/4	
1/2	2,653.87	1/2	2,311.02	1/2	1,968.15	1/2	1,625.29	1/2	1,282.42	1/2	939.67	1/2	597.00	1/2	264.92	1/2	5.73	1/2	
3/4	2,646.72	3/4	2,303.87	3/4	1,961.01	3/4	1,618.14	3/4	1,275.28	3/4	932.53	3/4	589.85	3/4	258.44	3/4	3.94	3/4	
2	2,639.58	2	2,296.73	2	1,953.87	2	1,611.00	2	1,268.14	2	925.40	2	582.71	2	251.97	2	2.15	2	
1/4	2,632.44	1/4	2,289.59	1/4	1,946.72	1/4	1,603.86	1/4	1,260.99	1/4	918.27	1/4	575.57	1/4	245.58	1/4		1/4	
1/2	2,625.30	1/2	2,282.44	1/2	1,939.58	1/2	1,596.72	1/2	1,253.85	1/2	911.13	1/2	568.43	1/2	239.19	1/2		1/2	
3/4	2,618.16	3/4	2,275.30	3/4	1,932.44	3/4	1,589.57	3/4	1,246.71	3/4	904.00	3/4	561.28	3/4	232.80	3/4		3/4	
3	2,611.02	3	2,268.16	3	1,925.29	3	1,582.43	3	1,239.57	3	896.86	3	554.14	3	226.41	3		3	
1/4	2,603.88	1/4	2,261.01	1/4	1,918.15	1/4	1,575.29	1/4	1,232.42	1/4	889.73	1/4	547.00	1/4	220.10	1/4		1/4	
1/2	2,596.74	1/2	2,253.87	1/2	1,911.01	1/2	1,568.14	1/2	1,225.28	1/2	882.60	1/2	539.85	1/2	213.79	1/2		1/2	
3/4	2,589.59	3/4	2,246.73	3/4	1,903.86	3/4	1,561.00	3/4	1,218.14	3/4	875.46	3/4	532.71	3/4	207.48	3/4		3/4	
4	2,582.45	4	2,239.59	4	1,896.72	4	1,553.86	4	1,210.99	4	868.33	4	525.57	4	201.18	4		4	
1/4	2,575.31	1/4	2,232.44	1/4	1,889.58	1/4	1,546.71	1/4	1,203.85	1/4	861.19	1/4	518.43	1/4	194.95	1/4		1/4	
1/2	2,568.16	1/2	2,225.30	1/2	1,882.44	1/2	1,539.57	1/2	1,196.71	1/2	854.06	1/2	511.28	1/2	188.73	1/2		1/2	
3/4	2,561.02	3/4	2,218.16	3/4	1,875.29	3/4	1,532.43	3/4	1,189.56	3/4	846.93	3/4	504.14	3/4	182.50	3/4		3/4	
5	2,553.88	5	2,211.01	5	1,868.15	5	1,525.29	5	1,182.42	5	839.79	5	497.00	5	176.28	5		5	
1/4	2,546.73	1/4	2,203.87	1/4	1,861.01	1/4	1,518.14	1/4	1,175.28	1/4	832.66	1/4	489.88	1/4	170.14	1/4		1/4	
1/2	2,539.59	1/2	2,196.73	1/2	1,853.86	1/2	1,511.00	1/2	1,168.14	1/2	825.52	1/2	482.75	1/2	164.00	1/2		1/2	
3/4	2,532.45	3/4	2,189.58	3/4	1,846.72	3/4	1,503.86	3/4	1,160.99	3/4	818.39	3/4	475.63	3/4	157.86	3/4		3/4	
6	2,525.31	6	2,182.44	6	1,839.58	6	1,496.71	6	1,153.85	6	811.26	6	468.51	6	151.72	6		6	
1/4	2,518.16	1/4	2,175.30	1/4	1,832.43	1/4	1,489.57	1/4	1,146.71	1/4	804.12	1/4	461.45	1/4	145.66	1/4		1/4	
1/2	2,511.02	1/2	2,168.16	1/2	1,825.29	1/2	1,482.43	1/2	1,139.56	1/2	796.98	1/2	454.39	1/2	139.61	1/2		1/2	
3/4	2,503.88	3/4	2,161.01	3/4	1,818.15	3/4	1,475.28	3/4	1,132.42	3/4	789.84	3/4	447.33	3/4	133.55	3/4		3/4	
7	2,496.73	7	2,153.87	7	1,811.01	7	1,468.14	7	1,125.28	7	782.71	7	440.27	7	127.49	7		7	
1/4	2,489.59	1/4	2,146.73	1/4	1,803.86	1/4	1,461.00	1/4	1,118.13	1/4	775.56	1/4	433.30	1/4	121.52	1/4		1/4	
1/2	2,482.45	1/2	2,139.58	1/2	1,796.72	1/2	1,453.86	1/2	1,110.99	1/2	768.42	1/2	426.32	1/2	115.55	1/2		1/2	
3/4	2,475.30	3/4	2,132.44	3/4	1,789.58	3/4	1,446.71	3/4	1,103.85	3/4	761.28	3/4	419.35	3/4	109.57	3/4		3/4	
8	2,468.16	8	2,125.30	8	1,782.43	8	1,439.57	8	1,096.71	8	754.14	8	412.37	8	103.60	8		8	
1/4	2,461.02	1/4	2,118.15	1/4	1,775.29	1/4	1,432.43	1/4	1,089.56	1/4	747.00	1/4	405.48	1/4	97.72	1/4		1/4	
1/2	2,453.88	1/2	2,111.01	1/2	1,768.15	1/2	1,425.28	1/2	1,082.42	1/2	739.85	1/2	398.59	1/2	91.83	1/2		1/2	
3/4	2,446.73	3/4	2,103.87	3/4	1,761.00	3/4	1,418.14	3/4	1,075.28	3/4	732.71	3/4	391.69	3/4	85.95	3/4		3/4	
9	2,439.59	9	2,096.73	9	1,753.86	9	1,411.00	9	1,068.13	9	725.57	9	384.80	9	80.06	9		9	
1/4	2,432.45	1/4	2,089.58	1/4	1,746.72	1/4	1,403.85	1/4	1,060.99	1/4	718.42	1/4	377.99	1/4	74.28	1/4		1/4	
1/2	2,425.30	1/2	2,082.44	1/2	1,739.58	1/2	1,396.71	1/2	1,053.85	1/2	711.28	1/2	371.18	1/2	68.50	1/2		1/2	
3/4	2,418.16	3/4	2,075.30	3/4	1,732.43	3/4	1,389.57	3/4	1,046.71	3/4	704.14	3/4	364.38	3/4	62.72	3/4		3/4	
10	2,411.02	10	2,068.15	10	1,725.29	10	1,382.43	10	1,039.56	10	697.00	10	357.57	10	56.93	10		10	
1/4	2,403.87	1/4	2,061.01	1/4	1,718.15	1/4	1,375.28	1/4	1,032.42	1/4	689.85	1/4	350.84	1/4	51.68	1/4		1/4	
1/2	2,396.73	1/2	2,053.87	1/2	1,711.00	1/2	1,368.14	1/2	1,025.29	1/2	682.71	1/2	344.12	1/2	46.42	1/2		1/2	
3/4	2,389.59	3/4	2,046.72	3/4	1,703.86	3/4	1,361.00	3/4	1,018.15	3/4	675.57	3/4	337.39	3/4	41.16	3/4		3/4	
11	2,382.45	11	2,039.58	11	1,696.72	11	1,353.85	11	1,011.01	11	668.42	11	330.67	11	35.90	11		11	
1/4	2,375.30	1/4	2,032.44	1/4	1,689.57	1/4	1,346.71	1/4	1,003.88	1/4	661.28	1/4	324.03	1/4	32.05	1/4		1/4	
1/2	2,368.16	1/2	2,025.30	1/2	1,682.43	1/2	1,339.57	1/2	996.74	1/2	654.14	1/2	317.38	1/2	28.20	1/2		1/2	
3/4	2,361.02	3/4	2,018.15	3/4	1,675.29	3/4	1,332.42	3/4	989.61	3/4	647.00	3/4	310.74	3/4	24.34	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020





BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

2 PORT
ULLAGE TABLE

10" HATCH
GAUGE HEIGHT 18'-02 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	5,097.33	0	4,817.75	0	4,475.59	0	4,132.61	0	3,788.89	0	3,445.18	0	3,101.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,096.40	1/4	4,810.62	1/4	4,468.47	1/4	4,125.45	1/4	3,781.73	1/4	3,438.01	1/4	3,094.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,094.39	1/2	4,803.49	1/2	4,461.34	1/2	4,118.29	1/2	3,774.57	1/2	3,430.85	1/2	3,087.14		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,092.38	3/4	4,796.36	3/4	4,454.21	3/4	4,111.13	3/4	3,767.41	3/4	3,423.69	3/4	3,079.97		
1		1		1		1	5,090.37	1	4,789.23	1	4,447.08	1	4,103.97	1	3,760.25	1	3,416.53	1	3,072.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,088.36	1/4	4,782.11	1/4	4,439.95	1/4	4,096.81	1/4	3,753.09	1/4	3,409.37	1/4	3,065.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,085.16	1/2	4,774.98	1/2	4,432.82	1/2	4,089.65	1/2	3,745.93	1/2	3,402.21	1/2	3,058.49		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,081.95	3/4	4,767.85	3/4	4,425.70	3/4	4,082.49	3/4	3,738.77	3/4	3,395.05	3/4	3,051.33		
2		2		2		2	5,078.75	2	4,760.72	2	4,418.57	2	4,075.33	2	3,731.61	2	3,387.89	2	3,044.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,075.55	1/4	4,753.59	1/4	4,411.44	1/4	4,068.17	1/4	3,724.45	1/4	3,380.73	1/4	3,037.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,071.15	1/2	4,746.47	1/2	4,404.31	1/2	4,061.00	1/2	3,717.29	1/2	3,373.57	1/2	3,029.85		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,066.75	3/4	4,739.34	3/4	4,397.18	3/4	4,053.84	3/4	3,710.13	3/4	3,366.41	3/4	3,022.69		
3		3		3		3	5,062.36	3	4,732.21	3	4,390.05	3	4,046.68	3	3,702.96	3	3,359.25	3	3,015.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,057.96	1/4	4,725.08	1/4	4,382.93	1/4	4,039.52	1/4	3,695.80	1/4	3,352.09	1/4	3,008.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,052.37	1/2	4,717.95	1/2	4,375.80	1/2	4,032.36	1/2	3,688.64	1/2	3,344.92	1/2	3,001.20		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,046.78	3/4	4,710.82	3/4	4,368.67	3/4	4,025.20	3/4	3,681.48	3/4	3,337.76	3/4	2,994.03		
4		4		4		4	5,041.19	4	4,703.70	4	4,361.54	4	4,018.04	4	3,674.32	4	3,330.60	4	2,986.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,035.60	1/4	4,696.57	1/4	4,354.41	1/4	4,010.88	1/4	3,667.16	1/4	3,323.44	1/4	2,979.71		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,028.99	1/2	4,689.44	1/2	4,347.29	1/2	4,003.72	1/2	3,660.00	1/2	3,316.28	1/2	2,972.55		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,022.39	3/4	4,682.31	3/4	4,340.16	3/4	3,996.56	3/4	3,652.84	3/4	3,309.12	3/4	2,965.38		
5		5		5		5	5,015.79	5	4,675.18	5	4,333.03	5	3,989.40	5	3,645.68	5	3,301.96	5	2,958.22		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,009.19	1/4	4,668.05	1/4	4,325.90	1/4	3,982.24	1/4	3,638.52	1/4	3,294.80	1/4	2,951.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,002.15	1/2	4,660.93	1/2	4,318.75	1/2	3,975.07	1/2	3,631.36	1/2	3,287.64	1/2	2,943.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,995.11	3/4	4,653.80	3/4	4,311.61	3/4	3,967.91	3/4	3,624.20	3/4	3,280.48	3/4	2,936.73		
6		6		6		6	4,988.07	6	4,646.67	6	4,304.46	6	3,960.75	6	3,617.03	6	3,273.32	6	2,929.57		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,981.02	1/4	4,639.54	1/4	4,297.31	1/4	3,953.59	1/4	3,609.87	1/4	3,266.16	1/4	2,922.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,973.95	1/2	4,632.41	1/2	4,290.15	1/2	3,946.43	1/2	3,602.71	1/2	3,258.99	1/2	2,915.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,966.88	3/4	4,625.29	3/4	4,282.99	3/4	3,939.27	3/4	3,595.55	3/4	3,251.83	3/4	2,908.08		
7		7		7		7	4,959.80	7	4,618.16	7	4,275.83	7	3,932.11	7	3,588.39	7	3,244.67	7	2,900.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,952.73	1/4	4,611.03	1/4	4,268.67	1/4	3,924.95	1/4	3,581.23	1/4	3,237.51	1/4	2,893.75		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,945.64	1/2	4,603.90	1/2	4,261.51	1/2	3,917.79	1/2	3,574.07	1/2	3,230.35	1/2	2,886.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,938.56	3/4	4,596.77	3/4	4,254.35	3/4	3,910.63	3/4	3,566.91	3/4	3,223.19	3/4	2,879.43		
8		8		8		8	4,931.48	8	4,589.64	8	4,247.19	8	3,903.47	8	3,559.75	8	3,216.03	8	2,872.27		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,924.40	1/4	4,582.52	1/4	4,240.02	1/4	3,896.31	1/4	3,552.59	1/4	3,208.87	1/4	2,865.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,917.32	1/2	4,575.39	1/2	4,232.86	1/2	3,889.15	1/2	3,545.43	1/2	3,201.71	1/2	2,857.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,910.23	3/4	4,568.26	3/4	4,225.70	3/4	3,881.98	3/4	3,538.27	3/4	3,194.55	3/4	2,850.78		
9		9		9		9	4,903.15	9	4,561.13	9	4,218.54	9	3,874.82	9	3,531.11	9	3,187.39	9	2,843.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,896.07	1/4	4,554.00	1/4	4,211.38	1/4	3,867.66	1/4	3,523.94	1/4	3,180.23	1/4	2,836.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,888.96	1/2	4,546.88	1/2	4,204.22	1/2	3,860.50	1/2	3,516.78	1/2	3,173.07	1/2	2,829.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,881.86	3/4	4,539.75	3/4	4,197.06	3/4	3,853.34	3/4	3,509.62	3/4	3,165.90	3/4	2,822.13		
10		10		10		10	4,874.75	10	4,532.62	10	4,189.90	10	3,846.18	10	3,502.46	10	3,158.74	10	2,814.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,867.64	1/4	4,525.49	1/4	4,182.74	1/4	3,839.02	1/4	3,495.30	1/4	3,151.58	1/4	2,807.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,860.52	1/2	4,518.36	1/2	4,175.58	1/2	3,831.86	1/2	3,488.14	1/2	3,144.42	1/2	2,800.64		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,853.39	3/4	4,511.23	3/4	4,168.42	3/4	3,824.70	3/4	3,480.98	3/4	3,137.26	3/4	2,793.47		
11		11		11		11	4,846.26	11	4,504.11	11	4,161.26	11	3,817.54	11	3,473.82	11	3,130.10	11	2,786.31		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,100.12	1/4	4,839.13	1/4	4,496.98	1/4	4,154.09	1/4	3,810.38	1/4	3,466.66	1/4	3,122.94	1/4	2,779.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,099.19	1/2	4,832.00	1/2	4,489.85	1/2	4,146.93	1/2	3,803.22	1/2	3,459.50	1/2	3,115.78	1/2	2,771.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,098.26	3/4	4,824.88	3/4	4,482.72	3/4	4,139.77	3/4	3,796.05	3/4	3,452.34	3/4	3,108.62	3/4	2,764.82

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.

GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

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

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



BARGE "HSM 3308"

formerly the

BARGE "FMT 3308"

2 PORT

ULLAGE TABLE

10" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-02 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	2,757.66	0	2,413.84	0	2,070.02	0	1,726.20	0	1,382.38	0	1,042.43	0	709.27	0	365.46	0	29.02	0	
1/4	2,750.50	1/4	2,406.68	1/4	2,062.86	1/4	1,719.04	1/4	1,375.22	1/4	1,035.58	1/4	702.11	1/4	358.30	1/4	23.65	1/4	
1/2	2,743.33	1/2	2,399.51	1/2	2,055.70	1/2	1,711.88	1/2	1,368.06	1/2	1,028.72	1/2	694.94	1/2	351.14	1/2	20.07	1/2	
3/4	2,736.17	3/4	2,392.35	3/4	2,048.53	3/4	1,704.71	3/4	1,360.89	3/4	1,021.87	3/4	687.78	3/4	343.98	3/4	16.48	3/4	
1	2,729.01	1	2,385.19	1	2,041.37	1	1,697.55	1	1,353.73	1	1,015.02	1	680.62	1	336.81	1	12.90	1	
1/4	2,721.84	1/4	2,378.03	1/4	2,034.21	1/4	1,690.39	1/4	1,346.57	1/4	1,008.16	1/4	673.46	1/4	329.65	1/4	9.32	1/4	
1/2	2,714.68	1/2	2,370.86	1/2	2,027.04	1/2	1,683.22	1/2	1,339.41	1/2	1,001.31	1/2	666.29	1/2	322.49	1/2	7.53	1/2	
3/4	2,707.52	3/4	2,363.70	3/4	2,019.88	3/4	1,676.06	3/4	1,332.24	3/4	994.45	3/4	659.13	3/4	315.33	3/4	5.74	3/4	
2	2,700.36	2	2,356.54	2	2,012.72	2	1,668.90	2	1,325.08	2	987.60	2	651.97	2	308.16	2	3.95	2	
1/4	2,693.19	1/4	2,349.37	1/4	2,005.55	1/4	1,661.74	1/4	1,317.92	1/4	980.74	1/4	644.80	1/4	301.00	1/4	2.16	1/4	
1/2	2,686.03	1/2	2,342.21	1/2	1,998.39	1/2	1,654.57	1/2	1,310.75	1/2	973.89	1/2	637.64	1/2	293.84	1/2		1/2	
3/4	2,678.87	3/4	2,335.05	3/4	1,991.23	3/4	1,647.41	3/4	1,303.59	3/4	967.03	3/4	630.48	3/4	286.67	3/4		3/4	
3	2,671.70	3	2,327.89	3	1,984.07	3	1,640.25	3	1,296.43	3	960.18	3	623.32	3	279.51	3		3	
1/4	2,664.54	1/4	2,320.72	1/4	1,976.90	1/4	1,633.08	1/4	1,289.26	1/4	953.32	1/4	616.15	1/4	272.35	1/4		1/4	
1/2	2,657.38	1/2	2,313.56	1/2	1,969.74	1/2	1,625.92	1/2	1,282.10	1/2	946.47	1/2	608.99	1/2	265.19	1/2		1/2	
3/4	2,650.22	3/4	2,306.40	3/4	1,962.58	3/4	1,618.76	3/4	1,274.94	3/4	939.61	3/4	601.83	3/4	258.02	3/4		3/4	
4	2,643.05	4	2,299.23	4	1,955.41	4	1,611.60	4	1,267.78	4	932.76	4	594.67	4	250.86	4		4	
1/4	2,635.89	1/4	2,292.07	1/4	1,948.25	1/4	1,604.43	1/4	1,260.61	1/4	925.90	1/4	587.50	1/4	243.70	1/4		1/4	
1/2	2,628.73	1/2	2,284.91	1/2	1,941.09	1/2	1,597.27	1/2	1,253.45	1/2	919.05	1/2	580.34	1/2	236.54	1/2		1/2	
3/4	2,621.56	3/4	2,277.75	3/4	1,933.93	3/4	1,590.11	3/4	1,246.29	3/4	912.19	3/4	573.18	3/4	229.37	3/4		3/4	
5	2,614.40	5	2,270.58	5	1,926.76	5	1,582.94	5	1,239.12	5	905.34	5	566.02	5	222.21	5		5	
1/4	2,607.24	1/4	2,263.42	1/4	1,919.60	1/4	1,575.78	1/4	1,231.96	1/4	898.48	1/4	558.85	1/4	215.05	1/4		1/4	
1/2	2,600.08	1/2	2,256.26	1/2	1,912.44	1/2	1,568.62	1/2	1,224.80	1/2	891.63	1/2	551.69	1/2	207.89	1/2		1/2	
3/4	2,592.91	3/4	2,249.09	3/4	1,905.27	3/4	1,561.46	3/4	1,217.64	3/4	884.78	3/4	544.53	3/4	200.72	3/4		3/4	
6	2,585.75	6	2,241.93	6	1,898.11	6	1,554.29	6	1,210.47	6	877.92	6	537.37	6	193.56	6		6	
1/4	2,578.59	1/4	2,234.77	1/4	1,890.95	1/4	1,547.13	1/4	1,203.31	1/4	871.07	1/4	530.20	1/4	186.40	1/4		1/4	
1/2	2,571.42	1/2	2,227.60	1/2	1,883.79	1/2	1,539.97	1/2	1,196.15	1/2	864.21	1/2	523.04	1/2	179.24	1/2		1/2	
3/4	2,564.26	3/4	2,220.44	3/4	1,876.62	3/4	1,532.80	3/4	1,188.98	3/4	857.35	3/4	515.88	3/4	172.07	3/4		3/4	
7	2,557.10	7	2,213.28	7	1,869.46	7	1,525.64	7	1,181.82	7	850.49	7	508.72	7	164.91	7		7	
1/4	2,549.94	1/4	2,206.12	1/4	1,862.30	1/4	1,518.48	1/4	1,174.66	1/4	843.63	1/4	501.55	1/4	157.75	1/4		1/4	
1/2	2,542.77	1/2	2,198.95	1/2	1,855.13	1/2	1,511.31	1/2	1,167.50	1/2	836.76	1/2	494.39	1/2	150.59	1/2		1/2	
3/4	2,535.61	3/4	2,191.79	3/4	1,847.97	3/4	1,504.15	3/4	1,160.33	3/4	829.89	3/4	487.23	3/4	143.42	3/4		3/4	
8	2,528.45	8	2,184.63	8	1,840.81	8	1,496.99	8	1,153.17	8	823.02	8	480.07	8	136.26	8		8	
1/4	2,521.28	1/4	2,177.46	1/4	1,833.65	1/4	1,489.83	1/4	1,146.01	1/4	816.15	1/4	472.90	1/4	129.10	1/4		1/4	
1/2	2,514.12	1/2	2,170.30	1/2	1,826.48	1/2	1,482.66	1/2	1,138.99	1/2	809.12	1/2	465.74	1/2	121.94	1/2		1/2	
3/4	2,506.96	3/4	2,163.14	3/4	1,819.32	3/4	1,475.50	3/4	1,131.96	3/4	802.10	3/4	458.58	3/4	114.79	3/4		3/4	
9	2,499.79	9	2,155.98	9	1,812.16	9	1,468.34	9	1,124.94	9	795.08	9	451.41	9	107.63	9		9	
1/4	2,492.63	1/4	2,148.81	1/4	1,804.99	1/4	1,461.17	1/4	1,117.92	1/4	788.06	1/4	444.25	1/4	100.47	1/4		1/4	
1/2	2,485.47	1/2	2,141.65	1/2	1,797.83	1/2	1,454.01	1/2	1,111.05	1/2	780.89	1/2	437.09	1/2	93.33	1/2		1/2	
3/4	2,478.31	3/4	2,134.49	3/4	1,790.67	3/4	1,446.85	3/4	1,104.18	3/4	773.73	3/4	429.93	3/4	86.20	3/4		3/4	
10	2,471.14	10	2,127.32	10	1,783.50	10	1,439.69	10	1,097.31	10	766.57	10	422.76	10	79.06	10		10	
1/4	2,463.98	1/4	2,120.16	1/4	1,776.34	1/4	1,432.52	1/4	1,090.43	1/4	759.41	1/4	415.60	1/4	71.92	1/4		1/4	
1/2	2,456.82	1/2	2,113.00	1/2	1,769.18	1/2	1,425.36	1/2	1,083.58	1/2	752.24	1/2	408.44	1/2	65.22	1/2		1/2	
3/4	2,449.65	3/4	2,105.84	3/4	1,762.02	3/4	1,418.20	3/4	1,076.72	3/4	745.08	3/4	401.28	3/4	58.52	3/4		3/4	
11	2,442.49	11	2,098.67	11	1,754.85	11	1,411.03	11	1,069.86	11	737.92	11	394.11	11	51.83	11		11	
1/4	2,435.33	1/4	2,091.51	1/4	1,747.69	1/4	1,403.87	1/4	1,063.00	1/4	730.76	1/4	386.95	1/4	45.13	1/4		1/4	
1/2	2,428.17	1/2	2,084.35	1/2	1,740.53	1/2	1,396.71	1/2	1,056.14	1/2	723.59	1/2	379.79	1/2	39.76	1/2		1/2	
3/4	2,421.00	3/4	2,077.18	3/4	1,733.36	3/4	1,389.55	3/4	1,049.29	3/4	716.43	3/4	372.63	3/4	34.39	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
 CALCULATED: 07/08/2020 CL
 PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

2 STBD ULLAGE TABLE

10" HATCH GAUGE HEIGHT 18'-02 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,110.53	0	4,830.91	0	4,488.75	0	4,145.77	0	3,802.03	0	3,458.37	0	3,114.73		
1/4		1/4		1/4		1/4	5,109.60	1/4	4,823.79	1/4	4,481.62	1/4	4,138.61	1/4	3,794.87	1/4	3,451.21	1/4	3,107.57		
1/2		1/2		1/2		1/2	5,107.59	1/2	4,816.66	1/2	4,474.49	1/2	4,131.45	1/2	3,787.71	1/2	3,444.05	1/2	3,100.41		
3/4		3/4		3/4		3/4	5,105.57	3/4	4,809.53	3/4	4,467.37	3/4	4,124.29	3/4	3,780.55	3/4	3,436.89	3/4	3,093.25		
1		1		1		1	4,802.40	1	4,460.24	1	4,117.13	1	3,773.39	1	3,429.73	1	3,086.09				
1/4		1/4		1/4		1/4	5,101.55	1/4	4,795.27	1/4	4,453.11	1/4	4,109.97	1/4	3,766.23	1/4	3,422.57	1/4	3,078.93		
1/2		1/2		1/2		1/2	5,098.35	1/2	4,788.14	1/2	4,445.98	1/2	4,102.81	1/2	3,759.07	1/2	3,415.41	1/2	3,071.77		
3/4		3/4		3/4		3/4	5,095.14	3/4	4,781.02	3/4	4,438.85	3/4	4,095.64	3/4	3,751.91	3/4	3,408.25	3/4	3,064.62		
2		2		2		2	5,091.94	2	4,773.89	2	4,431.72	2	4,088.48	2	3,744.75	2	3,401.09	2	3,057.46		
1/4		1/4		1/4		1/4	5,088.73	1/4	4,766.76	1/4	4,424.60	1/4	4,081.32	1/4	3,737.58	1/4	3,393.94	1/4	3,050.30		
1/2		1/2		1/2		1/2	5,084.34	1/2	4,759.63	1/2	4,417.47	1/2	4,074.16	1/2	3,730.42	1/2	3,386.78	1/2	3,043.14		
3/4		3/4		3/4		3/4	5,079.94	3/4	4,752.50	3/4	4,410.34	3/4	4,067.00	3/4	3,723.26	3/4	3,379.62	3/4	3,035.98		
3		3		3		3	5,075.54	3	4,745.37	3	4,403.21	3	4,059.84	3	3,716.10	3	3,372.46	3	3,028.82		
1/4		1/4		1/4		1/4	5,071.14	1/4	4,738.25	1/4	4,396.08	1/4	4,052.68	1/4	3,708.94	1/4	3,365.30	1/4	3,021.66		
1/2		1/2		1/2		1/2	5,065.55	1/2	4,731.12	1/2	4,388.95	1/2	4,045.52	1/2	3,701.78	1/2	3,358.14	1/2	3,014.50		
3/4		3/4		3/4		3/4	5,059.96	3/4	4,723.99	3/4	4,381.83	3/4	4,038.35	3/4	3,694.62	3/4	3,350.98	3/4	3,007.34		
4		4		4		4	5,054.37	4	4,716.86	4	4,374.70	4	4,031.19	4	3,687.46	4	3,343.82	4	3,000.18		
1/4		1/4		1/4		1/4	5,048.78	1/4	4,709.73	1/4	4,367.57	1/4	4,024.03	1/4	3,680.30	1/4	3,336.66	1/4	2,993.01		
1/2		1/2		1/2		1/2	5,042.18	1/2	4,702.60	1/2	4,360.44	1/2	4,016.87	1/2	3,673.14	1/2	3,329.50	1/2	2,985.85		
3/4		3/4		3/4		3/4	5,035.57	3/4	4,695.47	3/4	4,353.31	3/4	4,009.71	3/4	3,665.98	3/4	3,322.34	3/4	2,978.69		
5		5		5		5	5,028.97	5	4,688.35	5	4,346.18	5	4,002.55	5	3,658.83	5	3,315.18	5	2,971.53		
1/4		1/4		1/4		1/4	5,022.37	1/4	4,681.22	1/4	4,339.05	1/4	3,995.39	1/4	3,651.67	1/4	3,308.02	1/4	2,964.37		
1/2		1/2		1/2		1/2	5,015.33	1/2	4,674.09	1/2	4,331.91	1/2	3,988.23	1/2	3,644.51	1/2	3,300.87	1/2	2,957.21		
3/4		3/4		3/4		3/4	5,008.29	3/4	4,666.96	3/4	4,324.77	3/4	3,981.06	3/4	3,637.35	3/4	3,293.71	3/4	2,950.05		
6		6		6		6	5,001.25	6	4,659.83	6	4,317.62	6	3,973.90	6	3,630.19	6	3,286.55	6	2,942.89		
1/4		1/4		1/4		1/4	4,994.20	1/4	4,652.70	1/4	4,310.48	1/4	3,966.74	1/4	3,623.03	1/4	3,279.39	1/4	2,935.72		
1/2		1/2		1/2		1/2	4,987.13	1/2	4,645.58	1/2	4,303.32	1/2	3,959.58	1/2	3,615.87	1/2	3,272.23	1/2	2,928.56		
3/4		3/4		3/4		3/4	4,980.05	3/4	4,638.45	3/4	4,296.16	3/4	3,952.42	3/4	3,608.71	3/4	3,265.07	3/4	2,921.40		
7		7		7		7	4,972.98	7	4,631.32	7	4,289.00	7	3,945.26	7	3,601.55	7	3,257.91	7	2,914.24		
1/4		1/4		1/4		1/4	4,965.90	1/4	4,624.19	1/4	4,281.84	1/4	3,938.10	1/4	3,594.39	1/4	3,250.75	1/4	2,907.08		
1/2		1/2		1/2		1/2	4,958.82	1/2	4,617.06	1/2	4,274.67	1/2	3,930.94	1/2	3,587.23	1/2	3,243.59	1/2	2,899.92		
3/4		3/4		3/4		3/4	4,951.74	3/4	4,609.93	3/4	4,267.51	3/4	3,923.78	3/4	3,580.07	3/4	3,236.43	3/4	2,892.76		
8		8		8		8	4,944.66	8	4,602.81	8	4,260.35	8	3,916.61	8	3,572.92	8	3,229.27	8	2,885.60		
1/4		1/4		1/4		1/4	4,937.57	1/4	4,595.68	1/4	4,253.19	1/4	3,909.45	1/4	3,565.76	1/4	3,222.11	1/4	2,878.43		
1/2		1/2		1/2		1/2	4,930.49	1/2	4,588.55	1/2	4,246.03	1/2	3,902.29	1/2	3,558.60	1/2	3,214.96	1/2	2,871.27		
3/4		3/4		3/4		3/4	4,923.41	3/4	4,581.42	3/4	4,238.87	3/4	3,895.13	3/4	3,551.44	3/4	3,207.80	3/4	2,864.11		
9		9		9		9	4,916.32	9	4,574.29	9	4,231.71	9	3,887.97	9	3,544.28	9	3,200.64	9	2,856.95		
1/4		1/4		1/4		1/4	4,909.24	1/4	4,567.16	1/4	4,224.55	1/4	3,880.81	1/4	3,537.12	1/4	3,193.48	1/4	2,849.79		
1/2		1/2		1/2		1/2	4,902.13	1/2	4,560.04	1/2	4,217.38	1/2	3,873.65	1/2	3,529.96	1/2	3,186.32	1/2	2,842.63		
3/4		3/4		3/4		3/4	4,895.03	3/4	4,552.91	3/4	4,210.22	3/4	3,866.49	3/4	3,522.80	3/4	3,179.16	3/4	2,835.47		
10		10		10		10	4,887.92	10	4,545.78	10	4,203.06	10	3,859.32	10	3,515.64	10	3,172.00	10	2,828.31		
1/4		1/4		1/4		1/4	4,880.81	1/4	4,538.65	1/4	4,195.90	1/4	3,852.16	1/4	3,508.48	1/4	3,164.84	1/4	2,821.15		
1/2		1/2		1/2		1/2	4,873.68	1/2	4,531.52	1/2	4,188.74	1/2	3,845.00	1/2	3,501.32	1/2	3,157.68	1/2	2,813.98		
3/4		3/4		3/4		3/4	4,866.56	3/4	4,524.39	3/4	4,181.58	3/4	3,837.84	3/4	3,494.16	3/4	3,150.52	3/4	2,806.82		
11		11		11		11	4,859.43	11	4,517.26	11	4,174.42	11	3,830.68	11	3,487.00	11	3,143.36	11	2,799.66		
1/4		1/4		1/4		1/4	5,113.32	1/4	4,852.30	1/4	4,510.14	1/4	4,167.26	1/4	3,823.52	1/4	3,479.85	1/4	3,136.20	1/4	2,792.50
1/2		1/2		1/2		1/2	5,112.39	1/2	4,845.17	1/2	4,503.01	1/2	4,160.09	1/2	3,816.36	1/2	3,472.69	1/2	3,129.04	1/2	2,785.34
3/4		3/4		3/4		3/4	5,111.46	3/4	4,838.04	3/4	4,495.88	3/4	4,152.93	3/4	3,809.20	3/4	3,465.53	3/4	3,121.89	3/4	2,778.18

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

2 STBD
ULLAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,771.02	0	2,427.28	0	2,083.54	0	1,739.80	0	1,396.07	0	1,052.42	0	709.10	0	365.37	0	29.01	0	
1/4	2,763.86	1/4	2,420.12	1/4	2,076.38	1/4	1,732.64	1/4	1,388.91	1/4	1,045.28	1/4	701.93	1/4	358.21	1/4	23.64	1/4	
1/2	2,756.69	1/2	2,412.96	1/2	2,069.22	1/2	1,725.48	1/2	1,381.74	1/2	1,038.13	1/2	694.77	1/2	351.05	1/2	20.06	1/2	
3/4	2,749.53	3/4	2,405.80	3/4	2,062.06	3/4	1,718.32	3/4	1,374.58	3/4	1,030.98	3/4	687.61	3/4	343.89	3/4	16.48	3/4	
1	2,742.37	1	2,398.63	1	2,054.90	1	1,711.16	1	1,367.42	1	1,023.83	1	680.45	1	336.73	1	12.90	1	
1/4	2,735.21	1/4	2,391.47	1/4	2,047.74	1/4	1,704.00	1/4	1,360.26	1/4	1,016.69	1/4	673.29	1/4	329.57	1/4	9.32	1/4	
1/2	2,728.05	1/2	2,384.31	1/2	2,040.57	1/2	1,696.84	1/2	1,353.10	1/2	1,009.54	1/2	666.13	1/2	322.41	1/2	7.53	1/2	
3/4	2,720.89	3/4	2,377.15	3/4	2,033.41	3/4	1,689.68	3/4	1,345.94	3/4	1,002.39	3/4	658.97	3/4	315.25	3/4	5.74	3/4	
2	2,713.73	2	2,369.99	2	2,026.25	2	1,682.51	2	1,338.78	2	995.25	2	651.81	2	308.09	2	3.95	2	
1/4	2,706.57	1/4	2,362.83	1/4	2,019.09	1/4	1,675.35	1/4	1,331.62	1/4	988.10	1/4	644.65	1/4	300.92	1/4	2.16	1/4	
1/2	2,699.40	1/2	2,355.67	1/2	2,011.93	1/2	1,668.19	1/2	1,324.45	1/2	980.95	1/2	637.49	1/2	293.76	1/2		1/2	
3/4	2,692.24	3/4	2,348.51	3/4	2,004.77	3/4	1,661.03	3/4	1,317.29	3/4	973.80	3/4	630.33	3/4	286.60	3/4		3/4	
3	2,685.08	3	2,341.34	3	1,997.61	3	1,653.87	3	1,310.13	3	966.66	3	623.16	3	279.44	3		3	
1/4	2,677.92	1/4	2,334.18	1/4	1,990.45	1/4	1,646.71	1/4	1,302.97	1/4	959.51	1/4	616.00	1/4	272.28	1/4		1/4	
1/2	2,670.76	1/2	2,327.02	1/2	1,983.28	1/2	1,639.55	1/2	1,295.81	1/2	952.36	1/2	608.84	1/2	265.12	1/2		1/2	
3/4	2,663.60	3/4	2,319.86	3/4	1,976.12	3/4	1,632.39	3/4	1,288.65	3/4	945.22	3/4	601.68	3/4	257.96	3/4		3/4	
4	2,656.44	4	2,312.70	4	1,968.96	4	1,625.22	4	1,281.49	4	938.07	4	594.52	4	250.80	4		4	
1/4	2,649.28	1/4	2,305.54	1/4	1,961.80	1/4	1,618.06	1/4	1,274.33	1/4	930.92	1/4	587.36	1/4	243.64	1/4		1/4	
1/2	2,642.12	1/2	2,298.38	1/2	1,954.64	1/2	1,610.90	1/2	1,267.16	1/2	923.78	1/2	580.20	1/2	236.48	1/2		1/2	
3/4	2,634.95	3/4	2,291.22	3/4	1,947.48	3/4	1,603.74	3/4	1,260.00	3/4	916.63	3/4	573.04	3/4	229.32	3/4		3/4	
5	2,627.79	5	2,284.06	5	1,940.32	5	1,596.58	5	1,252.84	5	909.48	5	565.88	5	222.15	5		5	
1/4	2,620.63	1/4	2,276.89	1/4	1,933.16	1/4	1,589.42	1/4	1,245.68	1/4	902.33	1/4	558.72	1/4	214.99	1/4		1/4	
1/2	2,613.47	1/2	2,269.73	1/2	1,926.00	1/2	1,582.26	1/2	1,238.52	1/2	895.19	1/2	551.56	1/2	207.83	1/2		1/2	
3/4	2,606.31	3/4	2,262.57	3/4	1,918.83	3/4	1,575.10	3/4	1,231.36	3/4	888.04	3/4	544.40	3/4	200.67	3/4		3/4	
6	2,599.15	6	2,255.41	6	1,911.67	6	1,567.94	6	1,224.20	6	880.89	6	537.23	6	193.51	6		6	
1/4	2,591.99	1/4	2,248.25	1/4	1,904.51	1/4	1,560.77	1/4	1,217.04	1/4	873.75	1/4	530.07	1/4	186.35	1/4		1/4	
1/2	2,584.83	1/2	2,241.09	1/2	1,897.35	1/2	1,553.61	1/2	1,209.88	1/2	866.60	1/2	522.91	1/2	179.19	1/2		1/2	
3/4	2,577.66	3/4	2,233.93	3/4	1,890.19	3/4	1,546.45	3/4	1,202.71	3/4	859.45	3/4	515.75	3/4	172.03	3/4		3/4	
7	2,570.50	7	2,226.77	7	1,883.03	7	1,539.29	7	1,195.55	7	852.29	7	508.59	7	164.87	7		7	
1/4	2,563.34	1/4	2,219.60	1/4	1,875.87	1/4	1,532.13	1/4	1,188.39	1/4	845.14	1/4	501.43	1/4	157.71	1/4		1/4	
1/2	2,556.18	1/2	2,212.44	1/2	1,868.71	1/2	1,524.97	1/2	1,181.23	1/2	837.99	1/2	494.27	1/2	150.55	1/2		1/2	
3/4	2,549.02	3/4	2,205.28	3/4	1,861.54	3/4	1,517.81	3/4	1,174.07	3/4	830.83	3/4	487.11	3/4	143.39	3/4		3/4	
8	2,541.86	8	2,198.12	8	1,854.38	8	1,510.65	8	1,166.91	8	823.67	8	479.95	8	136.23	8		8	
1/4	2,534.70	1/4	2,190.96	1/4	1,847.22	1/4	1,503.48	1/4	1,159.75	1/4	816.51	1/4	472.79	1/4	129.07	1/4		1/4	
1/2	2,527.54	1/2	2,183.80	1/2	1,840.06	1/2	1,496.32	1/2	1,152.59	1/2	809.35	1/2	465.63	1/2	121.91	1/2		1/2	
3/4	2,520.37	3/4	2,176.64	3/4	1,832.90	3/4	1,489.16	3/4	1,145.42	3/4	802.19	3/4	458.46	3/4	114.76	3/4		3/4	
9	2,513.21	9	2,169.48	9	1,825.74	9	1,482.00	9	1,138.26	9	795.03	9	451.30	9	107.60	9		9	
1/4	2,506.05	1/4	2,162.31	1/4	1,818.58	1/4	1,474.84	1/4	1,131.10	1/4	787.87	1/4	444.14	1/4	100.45	1/4		1/4	
1/2	2,498.89	1/2	2,155.15	1/2	1,811.42	1/2	1,467.68	1/2	1,123.94	1/2	780.70	1/2	436.98	1/2	93.31	1/2		1/2	
3/4	2,491.73	3/4	2,147.99	3/4	1,804.25	3/4	1,460.52	3/4	1,116.79	3/4	773.54	3/4	429.82	3/4	86.17	3/4		3/4	
10	2,484.57	10	2,140.83	10	1,797.09	10	1,453.36	10	1,109.63	10	766.38	10	422.66	10	79.03	10		10	
1/4	2,477.41	1/4	2,133.67	1/4	1,789.93	1/4	1,446.19	1/4	1,102.47	1/4	759.22	1/4	415.50	1/4	71.90	1/4		1/4	
1/2	2,470.25	1/2	2,126.51	1/2	1,782.77	1/2	1,439.03	1/2	1,095.32	1/2	752.06	1/2	408.34	1/2	65.20	1/2		1/2	
3/4	2,463.09	3/4	2,119.35	3/4	1,775.61	3/4	1,431.87	3/4	1,088.17	3/4	744.90	3/4	401.18	3/4	58.51	3/4		3/4	
11	2,455.92	11	2,112.19	11	1,768.45	11	1,424.71	11	1,081.02	11	737.74	11	394.02	11	51.81	11		11	
1/4	2,448.76	1/4	2,105.03	1/4	1,761.29	1/4	1,417.55	1/4	1,073.86	1/4	730.58	1/4	386.86	1/4	45.12	1/4		1/4	
1/2	2,441.60	1/2	2,097.86	1/2	1,754.13	1/2	1,410.39	1/2	1,066.72	1/2	723.42	1/2	379.69	1/2	39.75	1/2		1/2	
3/4	2,434.44	3/4	2,090.70	3/4	1,746.97	3/4	1,403.23	3/4	1,059.57	3/4	716.26	3/4	372.53	3/4	34.38	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/08/2020 CL
CALCULATED: 07/08/2020 CL
PRINTED: 07/09/2020 SW

PRECISION MEASUREMENT
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Pearland, Texas 77588
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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2020



BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

3 PORT
ULLAGE TABLE

10" HATCH
GAUGE HEIGHT 18'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,387.32	0	4,210.11	0	4,001.41	0	3,792.17	0	3,582.56	0	3,373.56	0	3,052.34
1/4		1/4		1/4		1/4	4,385.61	1/4	4,205.76	1/4	3,997.07	1/4	3,787.80	1/4	3,578.19	1/4	3,369.21	1/4	3,045.24
1/2		1/2		1/2		1/2	4,383.91	1/2	4,201.41	1/2	3,992.72	1/2	3,783.43	1/2	3,573.82	1/2	3,364.88	1/2	3,038.12
3/4		3/4		3/4		3/4	4,382.20	3/4	4,197.06	3/4	3,988.37	3/4	3,779.07	3/4	3,569.46	3/4	3,360.55	3/4	3,031.01
1		1		1		1	4,380.50	1	4,192.72	1	3,984.02	1	3,774.70	1	3,565.09	1	3,356.22	1	3,023.89
1/4		1/4		1/4		1/4	4,378.79	1/4	4,188.37	1/4	3,979.67	1/4	3,770.33	1/4	3,560.72	1/4	3,351.88	1/4	3,016.78
1/2		1/2		1/2		1/2	4,376.82	1/2	4,184.02	1/2	3,975.33	1/2	3,765.97	1/2	3,556.35	1/2	3,346.17	1/2	3,009.65
3/4		3/4		3/4		3/4	4,374.84	3/4	4,179.67	3/4	3,970.98	3/4	3,761.60	3/4	3,551.99	3/4	3,340.46	3/4	3,002.53
2		2		2		2	4,372.87	2	4,175.33	2	3,966.63	2	3,757.23	2	3,547.62	2	3,334.75	2	2,995.41
1/4		1/4		1/4		1/4	4,370.89	1/4	4,170.98	1/4	3,962.28	1/4	3,752.87	1/4	3,543.25	1/4	3,329.03	1/4	2,988.28
1/2		1/2		1/2		1/2	4,368.06	1/2	4,166.63	1/2	3,957.94	1/2	3,748.50	1/2	3,538.89	1/2	3,321.94	1/2	2,981.16
3/4		3/4		3/4		3/4	4,365.22	3/4	4,162.28	3/4	3,953.59	3/4	3,744.13	3/4	3,534.54	3/4	3,314.85	3/4	2,974.04
3		3		3		3	4,362.39	3	4,157.93	3	3,949.24	3	3,739.76	3	3,530.18	3	3,307.76	3	2,966.91
1/4		1/4		1/4		1/4	4,359.55	1/4	4,153.59	1/4	3,944.89	1/4	3,735.40	1/4	3,525.82	1/4	3,300.67	1/4	2,959.79
1/2		1/2		1/2		1/2	4,355.71	1/2	4,149.24	1/2	3,940.54	1/2	3,731.03	1/2	3,521.47	1/2	3,293.57	1/2	2,952.67
3/4		3/4		3/4		3/4	4,351.87	3/4	4,144.89	3/4	3,936.20	3/4	3,726.66	3/4	3,517.12	3/4	3,286.48	3/4	2,945.54
4		4		4		4	4,348.03	4	4,140.54	4	3,931.85	4	3,722.30	4	3,512.76	4	3,279.39	4	2,938.42
1/4		1/4		1/4		1/4	4,344.19	1/4	4,136.20	1/4	3,927.50	1/4	3,717.93	1/4	3,508.41	1/4	3,272.30	1/4	2,931.30
1/2		1/2		1/2		1/2	4,339.91	1/2	4,131.85	1/2	3,923.14	1/2	3,713.56	1/2	3,504.06	1/2	3,265.21	1/2	2,924.18
3/4		3/4		3/4		3/4	4,335.63	3/4	4,127.50	3/4	3,918.79	3/4	3,709.20	3/4	3,499.71	3/4	3,258.12	3/4	2,917.06
5		5		5		5	4,331.35	5	4,123.15	5	3,914.43	5	3,704.83	5	3,495.36	5	3,251.03	5	2,909.94
1/4		1/4		1/4		1/4	4,327.07	1/4	4,118.80	1/4	3,910.07	1/4	3,700.46	1/4	3,491.01	1/4	3,243.94	1/4	2,902.82
1/2		1/2		1/2		1/2	4,322.76	1/2	4,114.46	1/2	3,905.71	1/2	3,696.10	1/2	3,486.66	1/2	3,236.85	1/2	2,895.71
3/4		3/4		3/4		3/4	4,318.45	3/4	4,110.11	3/4	3,901.34	3/4	3,691.73	3/4	3,482.31	3/4	3,229.76	3/4	2,888.60
6		6		6		6	4,314.14	6	4,105.76	6	3,896.97	6	3,687.36	6	3,477.96	6	3,222.67	6	2,881.49
1/4		1/4		1/4		1/4	4,309.83	1/4	4,101.41	1/4	3,892.61	1/4	3,682.99	1/4	3,473.60	1/4	3,215.57	1/4	2,874.38
1/2		1/2		1/2		1/2	4,305.51	1/2	4,097.07	1/2	3,888.24	1/2	3,678.63	1/2	3,469.25	1/2	3,208.48	1/2	2,867.27
3/4		3/4		3/4		3/4	4,301.19	3/4	4,092.72	3/4	3,883.87	3/4	3,674.26	3/4	3,464.90	3/4	3,201.39	3/4	2,860.15
7		7		7		7	4,296.87	7	4,088.37	7	3,879.51	7	3,669.89	7	3,460.55	7	3,194.30	7	2,853.04
1/4		1/4		1/4		1/4	4,292.55	1/4	4,084.02	1/4	3,875.14	1/4	3,665.53	1/4	3,456.20	1/4	3,187.21	1/4	2,845.93
1/2		1/2		1/2		1/2	4,288.23	1/2	4,079.67	1/2	3,870.77	1/2	3,661.16	1/2	3,451.85	1/2	3,180.12	1/2	2,838.82
3/4		3/4		3/4		3/4	4,283.91	3/4	4,075.33	3/4	3,866.40	3/4	3,656.79	3/4	3,447.50	3/4	3,173.03	3/4	2,831.71
8		8		8		8	4,279.59	8	4,070.98	8	3,862.04	8	3,652.43	8	3,443.15	8	3,165.94	8	2,824.60
1/4		1/4		1/4		1/4	4,275.27	1/4	4,066.63	1/4	3,857.67	1/4	3,648.06	1/4	3,438.80	1/4	3,158.85	1/4	2,817.49
1/2		1/2		1/2		1/2	4,270.94	1/2	4,062.28	1/2	3,853.30	1/2	3,643.69	1/2	3,434.44	1/2	3,151.76	1/2	2,810.37
3/4		3/4		3/4		3/4	4,266.60	3/4	4,057.93	3/4	3,848.94	3/4	3,639.33	3/4	3,430.09	3/4	3,144.67	3/4	2,803.26
9		9		9		9	4,262.27	9	4,053.59	9	3,844.57	9	3,634.96	9	3,425.74	9	3,137.58	9	2,796.15
1/4		1/4		1/4		1/4	4,257.93	1/4	4,049.24	1/4	3,840.20	1/4	3,630.59	1/4	3,421.39	1/4	3,130.49	1/4	2,789.04
1/2		1/2		1/2		1/2	4,253.59	1/2	4,044.89	1/2	3,835.84	1/2	3,626.23	1/2	3,417.04	1/2	3,123.39	1/2	2,781.93
3/4		3/4		3/4		3/4	4,249.24	3/4	4,040.54	3/4	3,831.47	3/4	3,621.86	3/4	3,412.69	3/4	3,116.29	3/4	2,774.82
10		10		10		10	4,244.89	10	4,036.20	10	3,827.10	10	3,617.49	10	3,408.34	10	3,109.20	10	2,767.70
1/4		1/4		1/4	4,396.74	1/4	4,240.54	1/4	4,031.85	1/4	3,822.74	1/4	3,613.12	1/4	3,403.99	1/4	3,102.10	1/4	2,760.59
1/2		1/2		1/2	4,395.66	1/2	4,236.19	1/2	4,027.50	1/2	3,818.37	1/2	3,608.76	1/2	3,399.64	1/2	3,094.99	1/2	2,753.48
3/4		3/4		3/4	4,394.59	3/4	4,231.85	3/4	4,023.15	3/4	3,814.00	3/4	3,604.39	3/4	3,395.28	3/4	3,087.88	3/4	2,746.37
11		11		11	4,393.51	11	4,227.50	11	4,018.80	11	3,809.63	11	3,600.02	11	3,390.93	11	3,080.77	11	2,739.26
1/4		1/4		1/4	4,392.44	1/4	4,223.15	1/4	4,014.46	1/4	3,805.27	1/4	3,595.66	1/4	3,386.58	1/4	3,073.67	1/4	2,732.15
1/2		1/2		1/2	4,390.73	1/2	4,218.80	1/2	4,010.11	1/2	3,800.90	1/2	3,591.29	1/2	3,382.24	1/2	3,066.56	1/2	2,725.03
3/4		3/4		3/4	4,389.03	3/4	4,214.46	3/4	4,005.76	3/4	3,796.53	3/4	3,586.92	3/4	3,377.90	3/4	3,059.45	3/4	2,717.92

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 82'-08" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "HSM 3308"
formerly the
BARGE "FMT 3308"

3 PORT
ULLAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-01 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,710.81	0	2,369.44	0	2,028.04	0	1,686.64	0	1,345.24	0	1,008.76	0	676.58	0	335.06	0	12.83	0	
1/4	2,703.70	1/4	2,362.33	1/4	2,020.93	1/4	1,679.53	1/4	1,338.13	1/4	1,001.95	1/4	669.46	1/4	327.93	1/4	9.27	1/4	
1/2	2,696.59	1/2	2,355.22	1/2	2,013.82	1/2	1,672.42	1/2	1,331.02	1/2	995.15	1/2	662.35	1/2	320.81	1/2	7.49	1/2	
3/4	2,689.48	3/4	2,348.11	3/4	2,006.71	3/4	1,665.31	3/4	1,323.91	3/4	988.35	3/4	655.24	3/4	313.68	3/4	5.71	3/4	
1	2,682.36	1	2,340.99	1	1,999.59	1	1,658.19	1	1,316.79	1	981.54	1	648.12	1	306.56	1	3.92	1	
1/4	2,675.25	1/4	2,333.88	1/4	1,992.48	1/4	1,651.08	1/4	1,309.68	1/4	974.74	1/4	641.01	1/4	299.43	1/4	2.15	1/4	
1/2	2,668.14	1/2	2,326.77	1/2	1,985.37	1/2	1,643.97	1/2	1,302.57	1/2	967.94	1/2	633.89	1/2	292.30	1/2		1/2	
3/4	2,661.03	3/4	2,319.66	3/4	1,978.26	3/4	1,636.86	3/4	1,295.46	3/4	961.13	3/4	626.78	3/4	285.18	3/4		3/4	
2	2,653.92	2	2,312.54	2	1,971.14	2	1,629.74	2	1,288.34	2	954.33	2	619.67	2	278.05	2		2	
1/4	2,646.81	1/4	2,305.43	1/4	1,964.03	1/4	1,622.63	1/4	1,281.23	1/4	947.53	1/4	612.55	1/4	270.93	1/4		1/4	
1/2	2,639.70	1/2	2,298.32	1/2	1,956.92	1/2	1,615.52	1/2	1,274.12	1/2	940.72	1/2	605.44	1/2	263.80	1/2		1/2	
3/4	2,632.58	3/4	2,291.21	3/4	1,949.81	3/4	1,608.41	3/4	1,267.01	3/4	933.92	3/4	598.33	3/4	256.68	3/4		3/4	
3	2,625.47	3	2,284.09	3	1,942.69	3	1,601.29	3	1,259.89	3	927.12	3	591.21	3	249.55	3		3	
1/4	2,618.36	1/4	2,276.98	1/4	1,935.58	1/4	1,594.18	1/4	1,252.78	1/4	920.31	1/4	584.10	1/4	242.43	1/4		1/4	
1/2	2,611.25	1/2	2,269.87	1/2	1,928.47	1/2	1,587.07	1/2	1,245.67	1/2	913.51	1/2	576.98	1/2	235.30	1/2		1/2	
3/4	2,604.14	3/4	2,262.76	3/4	1,921.36	3/4	1,579.96	3/4	1,238.56	3/4	906.71	3/4	569.87	3/4	228.18	3/4		3/4	
4	2,597.03	4	2,255.64	4	1,914.24	4	1,572.84	4	1,231.44	4	899.90	4	562.76	4	221.05	4		4	
1/4	2,589.91	1/4	2,248.53	1/4	1,907.13	1/4	1,565.73	1/4	1,224.33	1/4	893.10	1/4	555.64	1/4	213.92	1/4		1/4	
1/2	2,582.80	1/2	2,241.42	1/2	1,900.02	1/2	1,558.62	1/2	1,217.22	1/2	886.30	1/2	548.53	1/2	206.80	1/2		1/2	
3/4	2,575.69	3/4	2,234.31	3/4	1,892.91	3/4	1,551.51	3/4	1,210.11	3/4	879.50	3/4	541.41	3/4	199.67	3/4		3/4	
5	2,568.58	5	2,227.19	5	1,885.79	5	1,544.39	5	1,202.99	5	872.69	5	534.30	5	192.55	5		5	
1/4	2,561.47	1/4	2,220.08	1/4	1,878.68	1/4	1,537.28	1/4	1,195.88	1/4	865.89	1/4	527.19	1/4	185.42	1/4		1/4	
1/2	2,554.36	1/2	2,212.97	1/2	1,871.57	1/2	1,530.17	1/2	1,188.77	1/2	859.08	1/2	520.07	1/2	178.30	1/2		1/2	
3/4	2,547.24	3/4	2,205.86	3/4	1,864.46	3/4	1,523.06	3/4	1,181.66	3/4	852.28	3/4	512.96	3/4	171.17	3/4		3/4	
6	2,540.13	6	2,198.74	6	1,857.34	6	1,515.94	6	1,174.54	6	845.47	6	505.85	6	164.05	6		6	
1/4	2,533.02	1/4	2,191.63	1/4	1,850.23	1/4	1,508.83	1/4	1,167.43	1/4	838.66	1/4	498.73	1/4	156.92	1/4		1/4	
1/2	2,525.91	1/2	2,184.52	1/2	1,843.12	1/2	1,501.72	1/2	1,160.32	1/2	831.81	1/2	491.62	1/2	149.80	1/2		1/2	
3/4	2,518.80	3/4	2,177.41	3/4	1,836.01	3/4	1,494.61	3/4	1,153.21	3/4	824.97	3/4	484.50	3/4	142.67	3/4		3/4	
7	2,511.69	7	2,170.29	7	1,828.89	7	1,487.49	7	1,146.09	7	818.12	7	477.39	7	135.55	7		7	
1/4	2,504.57	1/4	2,163.18	1/4	1,821.78	1/4	1,480.38	1/4	1,138.98	1/4	811.27	1/4	470.28	1/4	128.42	1/4		1/4	
1/2	2,497.46	1/2	2,156.07	1/2	1,814.67	1/2	1,473.27	1/2	1,131.88	1/2	804.28	1/2	463.16	1/2	121.30	1/2		1/2	
3/4	2,490.35	3/4	2,148.96	3/4	1,807.56	3/4	1,466.16	3/4	1,124.77	3/4	797.28	3/4	456.05	3/4	114.18	3/4		3/4	
8	2,483.24	8	2,141.84	8	1,800.44	8	1,459.04	8	1,117.66	8	790.28	8	448.94	8	107.06	8		8	
1/4	2,476.13	1/4	2,134.73	1/4	1,793.33	1/4	1,451.93	1/4	1,110.55	1/4	783.28	1/4	441.82	1/4	99.94	1/4		1/4	
1/2	2,469.02	1/2	2,127.62	1/2	1,786.22	1/2	1,444.82	1/2	1,103.44	1/2	776.17	1/2	434.71	1/2	92.82	1/2		1/2	
3/4	2,461.91	3/4	2,120.51	3/4	1,779.11	3/4	1,437.71	3/4	1,096.33	3/4	769.06	3/4	427.59	3/4	85.74	3/4		3/4	
9	2,454.79	9	2,113.39	9	1,771.99	9	1,430.59	9	1,089.22	9	761.94	9	420.48	9	78.64	9		9	
1/4	2,447.68	1/4	2,106.28	1/4	1,764.88	1/4	1,423.48	1/4	1,082.11	1/4	754.83	1/4	413.37	1/4	71.54	1/4		1/4	
1/2	2,440.57	1/2	2,099.17	1/2	1,757.77	1/2	1,416.37	1/2	1,075.00	1/2	747.72	1/2	406.25	1/2	64.48	1/2		1/2	
3/4	2,433.46	3/4	2,092.06	3/4	1,750.66	3/4	1,409.26	3/4	1,067.89	3/4	740.60	3/4	399.14	3/4	58.21	3/4		3/4	
10	2,426.34	10	2,084.94	10	1,743.54	10	1,402.14	10	1,060.78	10	733.49	10	392.03	10	51.55	10		10	
1/4	2,419.23	1/4	2,077.83	1/4	1,736.43	1/4	1,395.03	1/4	1,053.67	1/4	726.37	1/4	384.91	1/4	44.89	1/4		1/4	
1/2	2,412.12	1/2	2,070.72	1/2	1,729.32	1/2	1,387.92	1/2	1,046.56	1/2	719.26	1/2	377.79	1/2	39.55	1/2		1/2	
3/4	2,405.01	3/4	2,063.61	3/4	1,722.21	3/4	1,380.81	3/4	1,039.45	3/4	712.15	3/4	370.67	3/4	34.21	3/4		3/4	
11	2,397.89	11	2,056.49	11	1,715.09	11	1,373.69	11	1,032.34	11	705.03	11	363.55	11	28.86	11		11	
1/4	2,390.78	1/4	2,049.38	1/4	1,707.98	1/4	1,366.58	1/4	1,025.23	1/4	697.92	1/4	356.43	1/4	23.52	1/4		1/4	
1/2	2,383.67	1/2	2,042.27	1/2	1,700.87	1/2	1,359.47	1/2	1,018.12	1/2	690.80	1/2	349.31	1/2	19.96	1/2		1/2	
3/4	2,376.56	3/4	2,035.16	3/4	1,693.76	3/4	1,352.36	3/4	1,011.01	3/4	683.69	3/4	342.18	3/4	16.39	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
<http://www.pmacorp.net>





BARGE "HSM 3308"

formerly the
BARGE "FMT 3308"

3 STBD
ULLAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,748.82	0	2,407.22	0	2,065.32	0	1,723.42	0	1,381.51	0	1,039.71	0	698.20	0	356.31	0	23.52	0	
1/4	2,741.71	1/4	2,400.10	1/4	2,058.20	1/4	1,716.29	1/4	1,374.39	1/4	1,032.60	1/4	691.08	1/4	349.19	1/4	19.96	1/4	
1/2	2,734.61	1/2	2,392.98	1/2	2,051.07	1/2	1,709.17	1/2	1,367.27	1/2	1,025.50	1/2	683.96	1/2	342.06	1/2	16.39	1/2	
3/4	2,727.50	3/4	2,385.85	3/4	2,043.95	3/4	1,702.05	3/4	1,360.14	3/4	1,018.39	3/4	676.84	3/4	334.94	3/4	12.83	3/4	
1	2,720.40	1	2,378.73	1	2,036.83	1	1,694.92	1	1,353.02	1	1,011.28	1	669.71	1	327.82	1	9.27	1	
1/4	2,713.29	1/4	2,371.61	1/4	2,029.70	1/4	1,687.80	1/4	1,345.90	1/4	1,004.17	1/4	662.59	1/4	320.70	1/4	7.49	1/4	
1/2	2,706.19	1/2	2,364.49	1/2	2,022.58	1/2	1,680.68	1/2	1,338.77	1/2	997.06	1/2	655.47	1/2	313.57	1/2	5.71	1/2	
3/4	2,699.08	3/4	2,357.36	3/4	2,015.46	3/4	1,673.55	3/4	1,331.65	3/4	989.95	3/4	648.34	3/4	306.45	3/4	3.93	3/4	
2	2,691.98	2	2,350.24	2	2,008.34	2	1,666.43	2	1,324.53	2	982.84	2	641.22	2	299.33	2	2.15	2	
1/4	2,684.87	1/4	2,343.12	1/4	2,001.21	1/4	1,659.31	1/4	1,317.40	1/4	975.73	1/4	634.10	1/4	292.20	1/4		1/4	
1/2	2,677.77	1/2	2,335.99	1/2	1,994.09	1/2	1,652.19	1/2	1,310.28	1/2	968.62	1/2	626.98	1/2	285.08	1/2		1/2	
3/4	2,670.67	3/4	2,328.87	3/4	1,986.97	3/4	1,645.06	3/4	1,303.16	3/4	961.51	3/4	619.85	3/4	277.96	3/4		3/4	
3	2,663.56	3	2,321.75	3	1,979.84	3	1,637.94	3	1,296.04	3	954.41	3	612.73	3	270.84	3		3	
1/4	2,656.46	1/4	2,314.62	1/4	1,972.72	1/4	1,630.82	1/4	1,288.91	1/4	947.30	1/4	605.61	1/4	263.71	1/4		1/4	
1/2	2,649.35	1/2	2,307.50	1/2	1,965.60	1/2	1,623.69	1/2	1,281.79	1/2	940.19	1/2	598.48	1/2	256.59	1/2		1/2	
3/4	2,642.25	3/4	2,300.38	3/4	1,958.47	3/4	1,616.57	3/4	1,274.67	3/4	933.08	3/4	591.36	3/4	249.47	3/4		3/4	
4	2,635.14	4	2,293.26	4	1,951.35	4	1,609.45	4	1,267.54	4	925.97	4	584.24	4	242.34	4		4	
1/4	2,628.03	1/4	2,286.13	1/4	1,944.23	1/4	1,602.32	1/4	1,260.42	1/4	918.86	1/4	577.12	1/4	235.22	1/4		1/4	
1/2	2,620.91	1/2	2,279.01	1/2	1,937.11	1/2	1,595.20	1/2	1,253.30	1/2	911.75	1/2	569.99	1/2	228.10	1/2		1/2	
3/4	2,613.80	3/4	2,271.89	3/4	1,929.98	3/4	1,588.08	3/4	1,246.17	3/4	904.64	3/4	562.87	3/4	220.98	3/4		3/4	
5	2,606.68	5	2,264.76	5	1,922.86	5	1,580.96	5	1,239.05	5	897.54	5	555.75	5	213.85	5		5	
1/4	2,599.56	1/4	2,257.64	1/4	1,915.74	1/4	1,573.83	1/4	1,231.93	1/4	890.43	1/4	548.63	1/4	206.73	1/4		1/4	
1/2	2,592.44	1/2	2,250.52	1/2	1,908.61	1/2	1,566.71	1/2	1,224.81	1/2	883.32	1/2	541.50	1/2	199.61	1/2		1/2	
3/4	2,585.31	3/4	2,243.39	3/4	1,901.49	3/4	1,559.59	3/4	1,217.68	3/4	876.21	3/4	534.38	3/4	192.49	3/4		3/4	
6	2,578.19	6	2,236.27	6	1,894.37	6	1,552.46	6	1,210.56	6	869.10	6	527.26	6	185.36	6		6	
1/4	2,571.06	1/4	2,229.15	1/4	1,887.24	1/4	1,545.34	1/4	1,203.44	1/4	861.99	1/4	520.13	1/4	178.24	1/4		1/4	
1/2	2,563.94	1/2	2,222.03	1/2	1,880.12	1/2	1,538.22	1/2	1,196.31	1/2	854.87	1/2	513.01	1/2	171.12	1/2		1/2	
3/4	2,556.82	3/4	2,214.90	3/4	1,873.00	3/4	1,531.09	3/4	1,189.19	3/4	847.76	3/4	505.89	3/4	163.99	3/4		3/4	
7	2,549.69	7	2,207.78	7	1,865.88	7	1,523.97	7	1,182.07	7	840.65	7	498.77	7	156.87	7		7	
1/4	2,542.57	1/4	2,200.66	1/4	1,858.75	1/4	1,516.85	1/4	1,174.94	1/4	833.53	1/4	491.64	1/4	149.75	1/4		1/4	
1/2	2,535.45	1/2	2,193.53	1/2	1,851.63	1/2	1,509.73	1/2	1,167.82	1/2	826.41	1/2	484.52	1/2	142.63	1/2		1/2	
3/4	2,528.32	3/4	2,186.41	3/4	1,844.51	3/4	1,502.60	3/4	1,160.70	3/4	819.29	3/4	477.40	3/4	135.50	3/4		3/4	
8	2,521.20	8	2,179.29	8	1,837.38	8	1,495.48	8	1,153.58	8	812.17	8	470.27	8	128.38	8		8	
1/4	2,514.07	1/4	2,172.16	1/4	1,830.26	1/4	1,488.36	1/4	1,146.45	1/4	805.05	1/4	463.15	1/4	121.27	1/4		1/4	
1/2	2,506.95	1/2	2,165.04	1/2	1,823.14	1/2	1,481.23	1/2	1,139.33	1/2	797.92	1/2	456.03	1/2	114.15	1/2		1/2	
3/4	2,499.82	3/4	2,157.92	3/4	1,816.01	3/4	1,474.11	3/4	1,132.21	3/4	790.80	3/4	448.91	3/4	107.03	3/4		3/4	
9	2,492.70	9	2,150.80	9	1,808.89	9	1,466.99	9	1,125.08	9	783.68	9	441.78	9	99.92	9		9	
1/4	2,485.58	1/4	2,143.67	1/4	1,801.77	1/4	1,459.86	1/4	1,117.96	1/4	776.55	1/4	434.66	1/4	92.82	1/4		1/4	
1/2	2,478.45	1/2	2,136.55	1/2	1,794.65	1/2	1,452.74	1/2	1,110.84	1/2	769.43	1/2	427.54	1/2	85.72	1/2		1/2	
3/4	2,471.33	3/4	2,129.43	3/4	1,787.52	3/4	1,445.62	3/4	1,103.72	3/4	762.31	3/4	420.41	3/4	78.62	3/4		3/4	
10	2,464.21	10	2,122.30	10	1,780.40	10	1,438.50	10	1,096.60	10	755.19	10	413.29	10	71.52	10		10	
1/4	2,457.08	1/4	2,115.18	1/4	1,773.28	1/4	1,431.37	1/4	1,089.49	1/4	748.06	1/4	406.17	1/4	64.86	1/4		1/4	
1/2	2,449.96	1/2	2,108.06	1/2	1,766.15	1/2	1,424.25	1/2	1,082.38	1/2	740.94	1/2	399.05	1/2	58.20	1/2		1/2	
3/4	2,442.84	3/4	2,100.93	3/4	1,759.03	3/4	1,417.13	3/4	1,075.26	3/4	733.82	3/4	391.92	3/4	51.54	3/4		3/4	
11	2,435.72	11	2,093.81	11	1,751.91	11	1,410.00	11	1,068.15	11	726.70	11	384.80	11	44.88	11		11	
1/4	2,428.59	1/4	2,086.69	1/4	1,744.78	1/4	1,402.88	1/4	1,061.04	1/4	719.57	1/4	377.68	1/4	39.54	1/4		1/4	
1/2	2,421.47	1/2	2,079.57	1/2	1,737.66	1/2	1,395.76	1/2	1,053.93	1/2	712.45	1/2	370.56	1/2	34.20	1/2		1/2	
3/4	2,414.35	3/4	2,072.44	3/4	1,730.54	3/4	1,388.63	3/4	1,046.82	3/4	705.33	3/4	363.43	3/4	28.86	3/4		3/4	

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