



BARGE "FMT 3298"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-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	1,111	0	2,222	0	3,333	0	4,444	0	5,555	0		0		0		0	
1/4	23	1/4	1,134	1/4	2,245	1/4	3,356	1/4	4,467	1/4	5,578	1/4		1/4		1/4		1/4	
1/2	46	1/2	1,157	1/2	2,268	1/2	3,379	1/2	4,490	1/2	5,601	1/2		1/2		1/2		1/2	
3/4	69	3/4	1,180	3/4	2,291	3/4	3,402	3/4	4,513	3/4		3/4		3/4		3/4		3/4	
1	93	1	1,204	1	2,314	1	3,425	1	4,536	1		1		1		1		1	
1/4	116	1/4	1,227	1/4	2,338	1/4	3,449	1/4	4,559	1/4		1/4		1/4		1/4		1/4	
1/2	139	1/2	1,250	1/2	2,361	1/2	3,472	1/2	4,583	1/2		1/2		1/2		1/2		1/2	
3/4	162	3/4	1,273	3/4	2,384	3/4	3,495	3/4	4,606	3/4		3/4		3/4		3/4		3/4	
2	185	2	1,296	2	2,407	2	3,518	2	4,629	2		2		2		2		2	
1/4	208	1/4	1,319	1/4	2,430	1/4	3,541	1/4	4,652	1/4		1/4		1/4		1/4		1/4	
1/2	231	1/2	1,342	1/2	2,453	1/2	3,564	1/2	4,675	1/2		1/2		1/2		1/2		1/2	
3/4	255	3/4	1,366	3/4	2,476	3/4	3,587	3/4	4,698	3/4		3/4		3/4		3/4		3/4	
3	278	3	1,389	3	2,500	3	3,611	3	4,721	3		3		3		3		3	
1/4	301	1/4	1,412	1/4	2,523	1/4	3,634	1/4	4,745	1/4		1/4		1/4		1/4		1/4	
1/2	324	1/2	1,435	1/2	2,546	1/2	3,657	1/2	4,768	1/2		1/2		1/2		1/2		1/2	
3/4	347	3/4	1,458	3/4	2,569	3/4	3,680	3/4	4,791	3/4		3/4		3/4		3/4		3/4	
4	370	4	1,481	4	2,592	4	3,703	4	4,814	4		4		4		4		4	
1/4	393	1/4	1,504	1/4	2,615	1/4	3,726	1/4	4,837	1/4		1/4		1/4		1/4		1/4	
1/2	417	1/2	1,528	1/2	2,638	1/2	3,749	1/2	4,860	1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	1,551	3/4	2,662	3/4	3,773	3/4	4,883	3/4		3/4		3/4		3/4		3/4	
5	463	5	1,574	5	2,685	5	3,796	5	4,907	5		5		5		5		5	
1/4	486	1/4	1,597	1/4	2,708	1/4	3,819	1/4	4,930	1/4		1/4		1/4		1/4		1/4	
1/2	509	1/2	1,620	1/2	2,731	1/2	3,842	1/2	4,953	1/2		1/2		1/2		1/2		1/2	
3/4	532	3/4	1,643	3/4	2,754	3/4	3,865	3/4	4,976	3/4		3/4		3/4		3/4		3/4	
6	555	6	1,666	6	2,777	6	3,888	6	4,999	6		6		6		6		6	
1/4	579	1/4	1,690	1/4	2,800	1/4	3,911	1/4	5,022	1/4		1/4		1/4		1/4		1/4	
1/2	602	1/2	1,713	1/2	2,824	1/2	3,935	1/2	5,046	1/2		1/2		1/2		1/2		1/2	
3/4	625	3/4	1,736	3/4	2,847	3/4	3,958	3/4	5,069	3/4		3/4		3/4		3/4		3/4	
7	648	7	1,759	7	2,870	7	3,981	7	5,092	7		7		7		7		7	
1/4	671	1/4	1,782	1/4	2,893	1/4	4,004	1/4	5,115	1/4		1/4		1/4		1/4		1/4	
1/2	694	1/2	1,805	1/2	2,916	1/2	4,027	1/2	5,138	1/2		1/2		1/2		1/2		1/2	
3/4	717	3/4	1,828	3/4	2,939	3/4	4,050	3/4	5,161	3/4		3/4		3/4		3/4		3/4	
8	741	8	1,852	8	2,962	8	4,073	8	5,184	8		8		8		8		8	
1/4	764	1/4	1,875	1/4	2,986	1/4	4,097	1/4	5,208	1/4		1/4		1/4		1/4		1/4	
1/2	787	1/2	1,898	1/2	3,009	1/2	4,120	1/2	5,231	1/2		1/2		1/2		1/2		1/2	
3/4	810	3/4	1,921	3/4	3,032	3/4	4,143	3/4	5,254	3/4		3/4		3/4		3/4		3/4	
9	833	9	1,944	9	3,055	9	4,166	9	5,277	9		9		9		9		9	
1/4	856	1/4	1,967	1/4	3,078	1/4	4,189	1/4	5,300	1/4		1/4		1/4		1/4		1/4	
1/2	879	1/2	1,990	1/2	3,101	1/2	4,212	1/2	5,323	1/2		1/2		1/2		1/2		1/2	
3/4	903	3/4	2,014	3/4	3,125	3/4	4,235	3/4	5,346	3/4		3/4		3/4		3/4		3/4	
10	926	10	2,037	10	3,148	10	4,259	10	5,370	10		10		10		10		10	
1/4	949	1/4	2,060	1/4	3,171	1/4	4,282	1/4	5,393	1/4		1/4		1/4		1/4		1/4	
1/2	972	1/2	2,083	1/2	3,194	1/2	4,305	1/2	5,416	1/2		1/2		1/2		1/2		1/2	
3/4	995	3/4	2,106	3/4	3,217	3/4	4,328	3/4	5,439	3/4		3/4		3/4		3/4		3/4	
11	1,018	11	2,129	11	3,240	11	4,351	11	5,462	11		11		11		11		11	
1/4	1,042	1/4	2,152	1/4	3,263	1/4	4,374	1/4	5,485	1/4		1/4		1/4		1/4		1/4	
1/2	1,065	1/2	2,176	1/2	3,287	1/2	4,397	1/2	5,508	1/2		1/2		1/2		1/2		1/2	
3/4	1,088	3/4	2,199	3/4	3,310	3/4	4,421	3/4	5,532	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO 2" DIAMETER "HERMETIC" VALVE.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-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	1,111	0	2,222	0	3,333	0	4,444	0	5,555	0		0		0		0	
1/4	23	1/4	1,134	1/4	2,245	1/4	3,356	1/4	4,467	1/4	5,578	1/4		1/4		1/4		1/4	
1/2	46	1/2	1,157	1/2	2,268	1/2	3,379	1/2	4,490	1/2	5,601	1/2		1/2		1/2		1/2	
3/4	69	3/4	1,180	3/4	2,291	3/4	3,402	3/4	4,513	3/4		3/4		3/4		3/4		3/4	
1	93	1	1,204	1	2,314	1	3,425	1	4,536	1		1		1		1		1	
1/4	116	1/4	1,227	1/4	2,338	1/4	3,449	1/4	4,559	1/4		1/4		1/4		1/4		1/4	
1/2	139	1/2	1,250	1/2	2,361	1/2	3,472	1/2	4,583	1/2		1/2		1/2		1/2		1/2	
3/4	162	3/4	1,273	3/4	2,384	3/4	3,495	3/4	4,606	3/4		3/4		3/4		3/4		3/4	
2	185	2	1,296	2	2,407	2	3,518	2	4,629	2		2		2		2		2	
1/4	208	1/4	1,319	1/4	2,430	1/4	3,541	1/4	4,652	1/4		1/4		1/4		1/4		1/4	
1/2	231	1/2	1,342	1/2	2,453	1/2	3,564	1/2	4,675	1/2		1/2		1/2		1/2		1/2	
3/4	255	3/4	1,366	3/4	2,476	3/4	3,587	3/4	4,698	3/4		3/4		3/4		3/4		3/4	
3	278	3	1,389	3	2,500	3	3,611	3	4,721	3		3		3		3		3	
1/4	301	1/4	1,412	1/4	2,523	1/4	3,634	1/4	4,745	1/4		1/4		1/4		1/4		1/4	
1/2	324	1/2	1,435	1/2	2,546	1/2	3,657	1/2	4,768	1/2		1/2		1/2		1/2		1/2	
3/4	347	3/4	1,458	3/4	2,569	3/4	3,680	3/4	4,791	3/4		3/4		3/4		3/4		3/4	
4	370	4	1,481	4	2,592	4	3,703	4	4,814	4		4		4		4		4	
1/4	393	1/4	1,504	1/4	2,615	1/4	3,726	1/4	4,837	1/4		1/4		1/4		1/4		1/4	
1/2	417	1/2	1,528	1/2	2,638	1/2	3,749	1/2	4,860	1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	1,551	3/4	2,662	3/4	3,773	3/4	4,883	3/4		3/4		3/4		3/4		3/4	
5	463	5	1,574	5	2,685	5	3,796	5	4,907	5		5		5		5		5	
1/4	486	1/4	1,597	1/4	2,708	1/4	3,819	1/4	4,930	1/4		1/4		1/4		1/4		1/4	
1/2	509	1/2	1,620	1/2	2,731	1/2	3,842	1/2	4,953	1/2		1/2		1/2		1/2		1/2	
3/4	532	3/4	1,643	3/4	2,754	3/4	3,865	3/4	4,976	3/4		3/4		3/4		3/4		3/4	
6	555	6	1,666	6	2,777	6	3,888	6	4,999	6		6		6		6		6	
1/4	579	1/4	1,690	1/4	2,800	1/4	3,911	1/4	5,022	1/4		1/4		1/4		1/4		1/4	
1/2	602	1/2	1,713	1/2	2,824	1/2	3,935	1/2	5,046	1/2		1/2		1/2		1/2		1/2	
3/4	625	3/4	1,736	3/4	2,847	3/4	3,958	3/4	5,069	3/4		3/4		3/4		3/4		3/4	
7	648	7	1,759	7	2,870	7	3,981	7	5,092	7		7		7		7		7	
1/4	671	1/4	1,782	1/4	2,893	1/4	4,004	1/4	5,115	1/4		1/4		1/4		1/4		1/4	
1/2	694	1/2	1,805	1/2	2,916	1/2	4,027	1/2	5,138	1/2		1/2		1/2		1/2		1/2	
3/4	717	3/4	1,828	3/4	2,939	3/4	4,050	3/4	5,161	3/4		3/4		3/4		3/4		3/4	
8	741	8	1,852	8	2,962	8	4,073	8	5,184	8		8		8		8		8	
1/4	764	1/4	1,875	1/4	2,986	1/4	4,097	1/4	5,208	1/4		1/4		1/4		1/4		1/4	
1/2	787	1/2	1,898	1/2	3,009	1/2	4,120	1/2	5,231	1/2		1/2		1/2		1/2		1/2	
3/4	810	3/4	1,921	3/4	3,032	3/4	4,143	3/4	5,254	3/4		3/4		3/4		3/4		3/4	
9	833	9	1,944	9	3,055	9	4,166	9	5,277	9		9		9		9		9	
1/4	856	1/4	1,967	1/4	3,078	1/4	4,189	1/4	5,300	1/4		1/4		1/4		1/4		1/4	
1/2	879	1/2	1,990	1/2	3,101	1/2	4,212	1/2	5,323	1/2		1/2		1/2		1/2		1/2	
3/4	903	3/4	2,014	3/4	3,125	3/4	4,235	3/4	5,346	3/4		3/4		3/4		3/4		3/4	
10	926	10	2,037	10	3,148	10	4,259	10	5,370	10		10		10		10		10	
1/4	949	1/4	2,060	1/4	3,171	1/4	4,282	1/4	5,393	1/4		1/4		1/4		1/4		1/4	
1/2	972	1/2	2,083	1/2	3,194	1/2	4,305	1/2	5,416	1/2		1/2		1/2		1/2		1/2	
3/4	995	3/4	2,106	3/4	3,217	3/4	4,328	3/4	5,439	3/4		3/4		3/4		3/4		3/4	
11	1,018	11	2,129	11	3,240	11	4,351	11	5,462	11		11		11		11		11	
1/4	1,042	1/4	2,152	1/4	3,263	1/4	4,374	1/4	5,485	1/4		1/4		1/4		1/4		1/4	
1/2	1,065	1/2	2,176	1/2	3,287	1/2	4,397	1/2	5,508	1/2		1/2		1/2		1/2		1/2	
3/4	1,088	3/4	2,199	3/4	3,310	3/4	4,421	3/4	5,532	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
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STRAPPED: 07/15/2019 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

FUEL TANK INNAGE TABLE 8" HATCH GAUGE HEIGHT 4'- 05 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "FMT 3298"

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	- 00-0/8	00-0/8	- 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 15, 2019

PRECISION MEASUREMENT
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BARGE "FMT 3298"

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	14.67	0	291.26	0	626.26	0	967.69	0	1,310.10	0	1,653.33	0	1,996.57	0	2,339.81	0	2,683.04	0	3,026.24
1/4	17.59	1/4	297.87	1/4	633.41	1/4	974.78	1/4	1,317.25	1/4	1,660.48	1/4	2,003.72	1/4	2,346.96	1/4	2,690.19	1/4	3,033.39
1/2	20.51	1/2	304.47	1/2	640.56	1/2	981.87	1/2	1,324.40	1/2	1,667.64	1/2	2,010.87	1/2	2,354.11	1/2	2,697.34	1/2	3,040.54
3/4	23.44	3/4	311.08	3/4	647.71	3/4	988.96	3/4	1,331.55	3/4	1,674.79	3/4	2,018.02	3/4	2,361.26	3/4	2,704.49	3/4	3,047.69
1	26.36	1	317.69	1	654.86	1	996.05	1	1,338.70	1	1,681.94	1	2,025.18	1	2,368.41	1	2,711.64	1	3,054.83
1/4	31.15	1/4	324.38	1/4	662.01	1/4	1,003.14	1/4	1,345.85	1/4	1,689.09	1/4	2,032.33	1/4	2,375.56	1/4	2,718.79	1/4	3,061.98
1/2	35.95	1/2	331.07	1/2	669.16	1/2	1,010.23	1/2	1,353.00	1/2	1,696.24	1/2	2,039.48	1/2	2,382.72	1/2	2,725.94	1/2	3,069.13
3/4	40.74	3/4	337.76	3/4	676.31	3/4	1,017.32	3/4	1,360.15	3/4	1,703.39	3/4	2,046.63	3/4	2,389.87	3/4	2,733.09	3/4	3,076.28
2	45.53	2	344.45	2	683.46	2	1,024.41	2	1,367.30	2	1,710.54	2	2,053.78	2	2,397.02	2	2,740.24	2	3,083.43
1/4	51.27	1/4	351.23	1/4	690.61	1/4	1,031.51	1/4	1,374.45	1/4	1,717.69	1/4	2,060.93	1/4	2,404.17	1/4	2,747.39	1/4	3,090.58
1/2	57.00	1/2	358.00	1/2	697.76	1/2	1,038.61	1/2	1,381.60	1/2	1,724.84	1/2	2,068.08	1/2	2,411.32	1/2	2,754.54	1/2	3,097.73
3/4	62.74	3/4	364.78	3/4	704.91	3/4	1,045.70	3/4	1,388.75	3/4	1,731.99	3/4	2,075.23	3/4	2,418.47	3/4	2,761.69	3/4	3,104.87
3	68.48	3	371.55	3	712.06	3	1,052.80	3	1,395.90	3	1,739.14	3	2,082.38	3	2,425.62	3	2,768.84	3	3,112.02
1/4	74.32	1/4	378.41	1/4	719.21	1/4	1,059.92	1/4	1,403.06	1/4	1,746.29	1/4	2,089.53	1/4	2,432.77	1/4	2,775.99	1/4	3,119.17
1/2	80.17	1/2	385.27	1/2	726.36	1/2	1,067.04	1/2	1,410.21	1/2	1,753.44	1/2	2,096.68	1/2	2,439.92	1/2	2,783.14	1/2	3,126.32
3/4	86.01	3/4	392.13	3/4	733.51	3/4	1,074.15	3/4	1,417.36	3/4	1,760.60	3/4	2,103.83	3/4	2,447.07	3/4	2,790.29	3/4	3,133.47
4	91.86	4	398.98	4	740.66	4	1,081.27	4	1,424.51	4	1,767.75	4	2,110.98	4	2,454.22	4	2,797.44	4	3,140.62
1/4	97.79	1/4	405.93	1/4	747.78	1/4	1,088.42	1/4	1,431.66	1/4	1,774.90	1/4	2,118.14	1/4	2,461.37	1/4	2,804.59	1/4	3,147.76
1/2	103.73	1/2	412.87	1/2	754.90	1/2	1,095.57	1/2	1,438.81	1/2	1,782.05	1/2	2,125.29	1/2	2,468.52	1/2	2,811.74	1/2	3,154.91
3/4	109.67	3/4	419.81	3/4	762.01	3/4	1,102.72	3/4	1,445.96	3/4	1,789.20	3/4	2,132.44	3/4	2,475.68	3/4	2,818.90	3/4	3,162.06
5	115.61	5	426.75	5	769.13	5	1,109.87	5	1,453.11	5	1,796.35	5	2,139.59	5	2,482.83	5	2,826.05	5	3,169.21
1/4	121.63	1/4	433.77	1/4	776.23	1/4	1,117.02	1/4	1,460.26	1/4	1,803.50	1/4	2,146.74	1/4	2,489.98	1/4	2,833.20	1/4	3,176.36
1/2	127.65	1/2	440.79	1/2	783.33	1/2	1,124.17	1/2	1,467.41	1/2	1,810.65	1/2	2,153.89	1/2	2,497.13	1/2	2,840.35	1/2	3,183.51
3/4	133.67	3/4	447.81	3/4	790.42	3/4	1,131.33	3/4	1,474.56	3/4	1,817.80	3/4	2,161.04	3/4	2,504.28	3/4	2,847.50	3/4	3,190.65
6	139.70	6	454.83	6	797.52	6	1,138.48	6	1,481.71	6	1,824.95	6	2,168.19	6	2,511.43	6	2,854.65	6	3,197.80
1/4	145.80	1/4	461.94	1/4	804.61	1/4	1,145.63	1/4	1,488.87	1/4	1,832.10	1/4	2,175.34	1/4	2,518.58	1/4	2,861.80	1/4	3,204.95
1/2	151.91	1/2	469.04	1/2	811.70	1/2	1,152.78	1/2	1,496.02	1/2	1,839.25	1/2	2,182.49	1/2	2,525.73	1/2	2,868.95	1/2	3,212.10
3/4	158.02	3/4	476.14	3/4	818.79	3/4	1,159.93	3/4	1,503.17	3/4	1,846.41	3/4	2,189.64	3/4	2,532.88	3/4	2,876.10	3/4	3,219.25
7	164.12	7	483.25	7	825.88	7	1,167.08	7	1,510.32	7	1,853.56	7	2,196.79	7	2,540.03	7	2,883.25	7	3,226.40
1/4	170.31	1/4	490.40	1/4	832.97	1/4	1,174.23	1/4	1,517.47	1/4	1,860.71	1/4	2,203.95	1/4	2,547.18	1/4	2,890.40	1/4	3,233.54
1/2	176.50	1/2	497.55	1/2	840.06	1/2	1,181.38	1/2	1,524.62	1/2	1,867.86	1/2	2,211.10	1/2	2,554.33	1/2	2,897.55	1/2	3,240.69
3/4	182.69	3/4	504.70	3/4	847.15	3/4	1,188.53	3/4	1,531.77	3/4	1,875.01	3/4	2,218.25	3/4	2,561.49	3/4	2,904.70	3/4	3,247.84
8	188.88	8	511.85	8	854.24	8	1,195.68	8	1,538.92	8	1,882.16	8	2,225.40	8	2,568.64	8	2,911.85	8	3,254.99
1/4	195.15	1/4	519.00	1/4	861.33	1/4	1,202.83	1/4	1,546.07	1/4	1,889.31	1/4	2,232.55	1/4	2,575.79	1/4	2,919.00	1/4	3,262.14
1/2	201.43	1/2	526.15	1/2	868.42	1/2	1,209.98	1/2	1,553.22	1/2	1,896.46	1/2	2,239.70	1/2	2,582.94	1/2	2,926.15	1/2	3,269.29
3/4	207.70	3/4	533.30	3/4	875.51	3/4	1,217.13	3/4	1,560.37	3/4	1,903.61	3/4	2,246.85	3/4	2,590.09	3/4	2,933.30	3/4	3,276.44
9	213.97	9	540.45	9	882.60	9	1,224.29	9	1,567.52	9	1,910.76	9	2,254.00	9	2,597.24	9	2,940.45	9	3,283.58
1/4	220.33	1/4	547.60	1/4	889.69	1/4	1,231.44	1/4	1,574.67	1/4	1,917.91	1/4	2,261.15	1/4	2,604.39	1/4	2,947.60	1/4	3,290.73
1/2	226.69	1/2	554.75	1/2	896.78	1/2	1,238.59	1/2	1,581.83	1/2	1,925.06	1/2	2,268.30	1/2	2,611.54	1/2	2,954.75	1/2	3,297.88
3/4	233.04	3/4	561.90	3/4	903.87	3/4	1,245.74	3/4	1,588.98	3/4	1,932.21	3/4	2,275.45	3/4	2,618.69	3/4	2,961.90	3/4	3,305.03
10	239.40	10	569.05	10	910.97	10	1,252.89	10	1,596.13	10	1,939.37	10	2,282.60	10	2,625.84	10	2,969.05	10	3,312.18
1/4	245.84	1/4	576.20	1/4	918.06	1/4	1,260.04	1/4	1,603.28	1/4	1,946.52	1/4	2,289.75	1/4	2,632.99	1/4	2,976.20	1/4	3,319.33
1/2	252.28	1/2	583.35	1/2	925.15	1/2	1,267.19	1/2	1,610.43	1/2	1,953.67	1/2	2,296.91	1/2	2,640.14	1/2	2,983.35	1/2	3,326.47
3/4	258.72	3/4	590.50	3/4	932.24	3/4	1,274.34	3/4	1,617.58	3/4	1,960.82	3/4	2,304.06	3/4	2,647.29	3/4	2,990.50	3/4	3,333.62
11	265.16	11	597.65	11	939.33	11	1,281.49	11	1,624.73	11	1,967.97	11	2,311.21	11	2,654.44	11	2,997.65	11	3,340.77
1/4	271.69	1/4	604.80	1/4	946.42	1/4	1,288.64	1/4	1,631.88	1/4	1,975.12	1/4	2,318.36	1/4	2,661.59	1/4	3,004.80	1/4	3,347.92
1/2	278.21	1/2	611.96	1/2	953.51	1/2	1,295.79	1/2	1,639.03	1/2	1,982.27	1/2	2,325.51	1/2	2,668.74	1/2	3,011.94	1/2	3,355.07
3/4	284.73	3/4	619.11	3/4	960.60	3/4	1,302.94	3/4	1,646.18	3/4	1,989.42	3/4	2,332.66	3/4	2,675.89	3/4	3,019.09	3/4	3,362.22

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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BARGE "FMT 3298"

**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	3,369.36	0	3,712.51	0	4,055.72	0	4,398.28	0	4,739.93	0		0							
1/4	3,376.51	1/4	3,719.66	1/4	4,062.87	1/4	4,405.40	1/4	4,747.05	1/4		1/4							
1/2	3,383.66	1/2	3,726.81	1/2	4,070.02	1/2	4,412.51	1/2	4,754.16	1/2		1/2							
3/4	3,390.81	3/4	3,733.96	3/4	4,077.17	3/4	4,419.63	3/4	4,761.28	3/4		3/4							
1	3,397.96	1	3,741.11	1	4,084.32	1	4,426.75	1	4,768.40	1		1							
1/4	3,405.11	1/4	3,748.26	1/4	4,091.47	1/4	4,433.87	1/4	4,775.52	1/4		1/4							
1/2	3,412.25	1/2	3,755.41	1/2	4,098.62	1/2	4,440.98	1/2	4,782.63	1/2		1/2							
3/4	3,419.40	3/4	3,762.56	3/4	4,105.77	3/4	4,448.10	3/4	4,789.75	3/4		3/4							
2	3,426.55	2	3,769.71	2	4,112.92	2	4,455.22	2	4,796.87	2		2							
1/4	3,433.70	1/4	3,776.86	1/4	4,120.07	1/4	4,462.34	1/4	4,803.99	1/4		1/4							
1/2	3,440.85	1/2	3,784.01	1/2	4,127.22	1/2	4,469.46	1/2	4,811.10	1/2		1/2							
3/4	3,448.00	3/4	3,791.16	3/4	4,134.37	3/4	4,476.57	3/4	4,818.22	3/4		3/4							
3	3,455.15	3	3,798.31	3	4,141.52	3	4,483.69	3	4,825.34	3		3							
1/4	3,462.29	1/4	3,805.46	1/4	4,148.67	1/4	4,490.81	1/4	4,832.41	1/4		1/4							
1/2	3,469.44	1/2	3,812.61	1/2	4,155.82	1/2	4,497.93	1/2	4,839.49	1/2		1/2							
3/4	3,476.59	3/4	3,819.76	3/4	4,162.97	3/4	4,505.04	3/4	4,846.56	3/4		3/4							
4	3,483.74	4	3,826.91	4	4,170.12	4	4,512.16	4	4,853.63	4		4							
1/4	3,490.89	1/4	3,834.06	1/4	4,177.27	1/4	4,519.28	1/4	4,860.70	1/4		1/4							
1/2	3,498.04	1/2	3,841.21	1/2	4,184.42	1/2	4,526.40	1/2	4,867.78	1/2		1/2							
3/4	3,505.18	3/4	3,848.36	3/4	4,191.57	3/4	4,533.51	3/4	4,874.85	3/4		3/4							
5	3,512.33	5	3,855.51	5	4,198.72	5	4,540.63	5	4,881.92	5		5							
1/4	3,519.48	1/4	3,862.66	1/4	4,205.87	1/4	4,547.75	1/4	4,889.00	1/4		1/4							
1/2	3,526.63	1/2	3,869.81	1/2	4,213.02	1/2	4,554.87	1/2	4,896.07	1/2		1/2							
3/4	3,533.78	3/4	3,876.96	3/4	4,220.17	3/4	4,561.99	3/4	4,903.14	3/4		3/4							
6	3,540.93	6	3,884.11	6	4,227.32	6	4,569.10	6	4,910.21	6		6							
1/4	3,548.07	1/4	3,891.26	1/4	4,234.47	1/4	4,576.22	1/4	4,917.27	1/4		1/4							
1/2	3,555.22	1/2	3,898.41	1/2	4,241.62	1/2	4,583.34	1/2	4,924.33	1/2		1/2							
3/4	3,562.37	3/4	3,905.56	3/4	4,248.77	3/4	4,590.46	3/4	4,931.39	3/4		3/4							
7	3,569.52	7	3,912.71	7	4,255.92	7	4,597.57	7	4,938.45	7		7							
1/4	3,576.67	1/4	3,919.86	1/4	4,263.04	1/4	4,604.69	1/4	4,945.45	1/4		1/4							
1/2	3,583.82	1/2	3,927.02	1/2	4,270.16	1/2	4,611.81	1/2	4,952.45	1/2		1/2							
3/4	3,590.96	3/4	3,934.17	3/4	4,277.28	3/4	4,618.93	3/4	4,959.46	3/4		3/4							
8	3,598.11	8	3,941.32	8	4,284.40	8	4,626.04	8	4,966.46	8		8							
1/4	3,605.26	1/4	3,948.47	1/4	4,291.51	1/4	4,633.16	1/4	4,972.64	1/4		1/4							
1/2	3,612.41	1/2	3,955.62	1/2	4,298.63	1/2	4,640.28	1/2	4,978.82	1/2		1/2							
3/4	3,619.56	3/4	3,962.77	3/4	4,305.75	3/4	4,647.40	3/4	4,985.00	3/4		3/4							
9	3,626.71	9	3,969.92	9	4,312.87	9	4,654.52	9	4,991.18	9		9							
1/4	3,633.86	1/4	3,977.07	1/4	4,319.98	1/4	4,661.63	1/4	4,996.16	1/4		1/4							
1/2	3,641.01	1/2	3,984.22	1/2	4,327.10	1/2	4,668.75	1/2	5,001.15	1/2		1/2							
3/4	3,648.16	3/4	3,991.37	3/4	4,334.22	3/4	4,675.87	3/4	5,006.14	3/4		3/4							
10	3,655.31	10	3,998.52	10	4,341.34	10	4,682.99	10	5,011.12	10		10							
1/4	3,662.46	1/4	4,005.67	1/4	4,348.45	1/4	4,690.10	1/4	5,014.92	1/4		1/4							
1/2	3,669.61	1/2	4,012.82	1/2	4,355.57	1/2	4,697.22	1/2	5,018.71	1/2		1/2							
3/4	3,676.76	3/4	4,019.97	3/4	4,362.69	3/4	4,704.34	3/4	5,022.51	3/4		3/4							
11	3,683.91	11	4,027.12	11	4,369.81	11	4,711.46	11	5,026.30	11		11							
1/4	3,691.06	1/4	4,034.27	1/4	4,376.93	1/4	4,718.57	1/4		1/4		1/4							
1/2	3,698.21	1/2	4,041.42	1/2	4,384.04	1/2	4,725.69	1/2		1/2		1/2							
3/4	3,705.36	3/4	4,048.57	3/4	4,391.16	3/4	4,732.81	3/4		3/4		3/4							

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

1 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	14.63	0	290.48	0	624.67	0	966.81	0	1,309.11	0	1,651.48	0	1,993.85	0	2,336.22	0	2,678.58	0	3,020.92
1/4	17.54	1/4	297.07	1/4	631.80	1/4	973.94	1/4	1,316.24	1/4	1,658.61	1/4	2,000.98	1/4	2,343.35	1/4	2,685.72	1/4	3,028.05
1/2	20.46	1/2	303.66	1/2	638.93	1/2	981.06	1/2	1,323.38	1/2	1,665.75	1/2	2,008.11	1/2	2,350.48	1/2	2,692.85	1/2	3,035.18
3/4	23.37	3/4	310.25	3/4	646.06	3/4	988.19	3/4	1,330.51	3/4	1,672.88	3/4	2,015.25	3/4	2,357.62	3/4	2,699.98	3/4	3,042.31
1	26.29	1	316.84	1	653.19	1	995.31	1	1,337.64	1	1,680.01	1	2,022.38	1	2,364.75	1	2,707.11	1	3,049.44
1/4	31.07	1/4	323.52	1/4	660.33	1/4	1,002.43	1/4	1,344.77	1/4	1,687.14	1/4	2,029.51	1/4	2,371.88	1/4	2,714.25	1/4	3,056.57
1/2	35.85	1/2	330.19	1/2	667.46	1/2	1,009.56	1/2	1,351.91	1/2	1,694.28	1/2	2,036.65	1/2	2,379.02	1/2	2,721.38	1/2	3,063.70
3/4	40.63	3/4	336.86	3/4	674.59	3/4	1,016.68	3/4	1,359.04	3/4	1,701.41	3/4	2,043.78	3/4	2,386.15	3/4	2,728.51	3/4	3,070.83
2	45.41	2	343.54	2	681.72	2	1,023.81	2	1,366.17	2	1,708.54	2	2,050.91	2	2,393.28	2	2,735.64	2	3,077.97
1/4	51.13	1/4	350.30	1/4	688.86	1/4	1,030.94	1/4	1,373.30	1/4	1,715.67	1/4	2,058.04	1/4	2,400.41	1/4	2,742.77	1/4	3,085.10
1/2	56.85	1/2	357.05	1/2	695.99	1/2	1,038.07	1/2	1,380.44	1/2	1,722.81	1/2	2,065.18	1/2	2,407.55	1/2	2,749.91	1/2	3,092.23
3/4	62.57	3/4	363.81	3/4	703.12	3/4	1,045.20	3/4	1,387.57	3/4	1,729.94	3/4	2,072.31	3/4	2,414.68	3/4	2,757.04	3/4	3,099.36
3	68.29	3	370.57	3	710.25	3	1,052.33	3	1,394.70	3	1,737.07	3	2,079.44	3	2,421.81	3	2,764.17	3	3,106.49
1/4	74.12	1/4	377.41	1/4	717.39	1/4	1,059.47	1/4	1,401.84	1/4	1,744.20	1/4	2,086.57	1/4	2,428.94	1/4	2,771.30	1/4	3,113.62
1/2	79.95	1/2	384.25	1/2	724.52	1/2	1,066.60	1/2	1,408.97	1/2	1,751.34	1/2	2,093.71	1/2	2,436.08	1/2	2,778.44	1/2	3,120.75
3/4	85.78	3/4	391.09	3/4	731.65	3/4	1,073.73	3/4	1,416.10	3/4	1,758.47	3/4	2,100.84	3/4	2,443.21	3/4	2,785.57	3/4	3,127.88
4	91.61	4	397.93	4	738.78	4	1,080.86	4	1,423.23	4	1,765.60	4	2,107.97	4	2,450.34	4	2,792.70	4	3,135.01
1/4	97.53	1/4	404.85	1/4	745.92	1/4	1,088.00	1/4	1,430.37	1/4	1,772.74	1/4	2,115.11	1/4	2,457.47	1/4	2,799.83	1/4	3,142.14
1/2	103.45	1/2	411.78	1/2	753.05	1/2	1,095.13	1/2	1,437.50	1/2	1,779.87	1/2	2,122.24	1/2	2,464.61	1/2	2,806.96	1/2	3,149.27
3/4	109.37	3/4	418.70	3/4	760.18	3/4	1,102.26	3/4	1,444.63	3/4	1,787.00	3/4	2,129.37	3/4	2,471.74	3/4	2,814.10	3/4	3,156.40
5	115.29	5	425.63	5	767.31	5	1,109.39	5	1,451.76	5	1,794.13	5	2,136.50	5	2,478.87	5	2,821.23	5	3,163.53
1/4	121.30	1/4	432.63	1/4	774.45	1/4	1,116.53	1/4	1,458.90	1/4	1,801.27	1/4	2,143.64	1/4	2,486.01	1/4	2,828.36	1/4	3,170.66
1/2	127.31	1/2	439.64	1/2	781.58	1/2	1,123.66	1/2	1,466.03	1/2	1,808.40	1/2	2,150.77	1/2	2,493.14	1/2	2,835.49	1/2	3,177.79
3/4	133.31	3/4	446.65	3/4	788.71	3/4	1,130.79	3/4	1,473.16	3/4	1,815.53	3/4	2,157.90	3/4	2,500.27	3/4	2,842.63	3/4	3,184.92
6	139.32	6	453.65	6	795.84	6	1,137.93	6	1,480.30	6	1,822.66	6	2,165.03	6	2,507.40	6	2,849.76	6	3,192.05
1/4	145.41	1/4	460.75	1/4	802.97	1/4	1,145.06	1/4	1,487.43	1/4	1,829.80	1/4	2,172.17	1/4	2,514.54	1/4	2,856.89	1/4	3,199.18
1/2	151.50	1/2	467.84	1/2	810.09	1/2	1,152.19	1/2	1,494.56	1/2	1,836.93	1/2	2,179.30	1/2	2,521.67	1/2	2,864.02	1/2	3,206.31
3/4	157.59	3/4	474.93	3/4	817.21	3/4	1,159.32	3/4	1,501.69	3/4	1,844.06	3/4	2,186.43	3/4	2,528.80	3/4	2,871.15	3/4	3,213.44
7	163.68	7	482.02	7	824.34	7	1,166.46	7	1,508.83	7	1,851.20	7	2,193.57	7	2,535.93	7	2,878.29	7	3,220.57
1/4	169.85	1/4	489.15	1/4	831.46	1/4	1,173.59	1/4	1,515.96	1/4	1,858.33	1/4	2,200.70	1/4	2,543.07	1/4	2,885.42	1/4	3,227.70
1/2	176.03	1/2	496.28	1/2	838.59	1/2	1,180.72	1/2	1,523.09	1/2	1,865.46	1/2	2,207.83	1/2	2,550.20	1/2	2,892.55	1/2	3,234.83
3/4	182.20	3/4	503.41	3/4	845.71	3/4	1,187.85	3/4	1,530.22	3/4	1,872.59	3/4	2,214.96	3/4	2,557.33	3/4	2,899.68	3/4	3,241.96
8	188.37	8	510.55	8	852.83	8	1,194.99	8	1,537.36	8	1,879.73	8	2,222.10	8	2,564.47	8	2,906.82	8	3,249.09
1/4	194.63	1/4	517.68	1/4	859.96	1/4	1,202.12	1/4	1,544.49	1/4	1,886.86	1/4	2,229.23	1/4	2,571.60	1/4	2,913.95	1/4	3,256.22
1/2	200.89	1/2	524.81	1/2	867.08	1/2	1,209.25	1/2	1,551.62	1/2	1,893.99	1/2	2,236.36	1/2	2,578.73	1/2	2,921.08	1/2	3,263.35
3/4	207.14	3/4	531.94	3/4	874.20	3/4	1,216.39	3/4	1,558.75	3/4	1,901.12	3/4	2,243.49	3/4	2,585.86	3/4	2,928.21	3/4	3,270.48
9	213.40	9	539.08	9	881.33	9	1,223.52	9	1,565.89	9	1,908.26	9	2,250.63	9	2,593.00	9	2,935.34	9	3,277.61
1/4	219.74	1/4	546.21	1/4	888.45	1/4	1,230.65	1/4	1,573.02	1/4	1,915.39	1/4	2,257.76	1/4	2,600.13	1/4	2,942.48	1/4	3,284.74
1/2	226.08	1/2	553.34	1/2	895.57	1/2	1,237.78	1/2	1,580.15	1/2	1,922.52	1/2	2,264.89	1/2	2,607.26	1/2	2,949.61	1/2	3,291.87
3/4	232.42	3/4	560.47	3/4	902.70	3/4	1,244.92	3/4	1,587.29	3/4	1,929.66	3/4	2,272.02	3/4	2,614.39	3/4	2,956.74	3/4	3,299.00
10	238.76	10	567.61	10	909.82	10	1,252.05	10	1,594.42	10	1,936.79	10	2,279.16	10	2,621.53	10	2,963.87	10	3,306.13
1/4	245.18	1/4	574.74	1/4	916.95	1/4	1,259.18	1/4	1,601.55	1/4	1,943.92	1/4	2,286.29	1/4	2,628.66	1/4	2,971.00	1/4	3,313.26
1/2	251.61	1/2	581.87	1/2	924.07	1/2	1,266.31	1/2	1,608.68	1/2	1,951.05	1/2	2,293.42	1/2	2,635.79	1/2	2,978.14	1/2	3,320.40
3/4	258.03	3/4	589.00	3/4	931.19	3/4	1,273.45	3/4	1,615.82	3/4	1,958.19	3/4	2,300.56	3/4	2,642.92	3/4	2,985.27	3/4	3,327.53
11	264.45	11	596.14	11	938.32	11	1,280.58	11	1,622.95	11	1,965.32	11	2,307.69	11	2,650.06	11	2,992.40	11	3,334.66
1/4	270.96	1/4	603.27	1/4	945.44	1/4	1,287.71	1/4	1,630.08	1/4	1,972.45	1/4	2,314.82	1/4	2,657.19	1/4	2,999.53	1/4	3,341.79
1/2	277.47	1/2	610.40	1/2	952.57	1/2	1,294.84	1/2	1,637.21	1/2	1,979.58	1/2	2,321.95	1/2	2,664.32	1/2	3,006.66	1/2	3,348.92
3/4	283.97	3/4	617.53	3/4	959.69	3/4	1,301.98	3/4	1,644.35	3/4	1,986.72	3/4	2,329.09	3/4	2,671.45	3/4	3,013.79	3/4	3,356.05

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



BARGE "FMT 3298"

**1 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	3,363.18	0	3,705.46	0	4,047.81	0	4,389.50	0	4,730.28	0		0		0					0
1/4	3,370.31	1/4	3,712.59	1/4	4,054.94	1/4	4,396.60	1/4	4,737.38	1/4		1/4		1/4					1/4
1/2	3,377.44	1/2	3,719.72	1/2	4,062.07	1/2	4,403.70	1/2	4,744.48	1/2		1/2		1/2					1/2
3/4	3,384.57	3/4	3,726.85	3/4	4,069.20	3/4	4,410.80	3/4	4,751.58	3/4		3/4		3/4					3/4
1	3,391.70	1	3,733.98	1	4,076.34	1	4,417.90	1	4,758.68	1		1		1					1
1/4	3,398.83	1/4	3,741.12	1/4	4,083.47	1/4	4,425.00	1/4	4,765.78	1/4		1/4		1/4					1/4
1/2	3,405.96	1/2	3,748.25	1/2	4,090.60	1/2	4,432.10	1/2	4,772.88	1/2		1/2		1/2					1/2
3/4	3,413.09	3/4	3,755.38	3/4	4,097.73	3/4	4,439.20	3/4	4,779.98	3/4		3/4		3/4					3/4
2	3,420.22	2	3,762.51	2	4,104.86	2	4,446.30	2	4,787.08	2		2		2					2
1/4	3,427.35	1/4	3,769.65	1/4	4,112.00	1/4	4,453.40	1/4	4,794.18	1/4		1/4		1/4					1/4
1/2	3,434.48	1/2	3,776.78	1/2	4,119.13	1/2	4,460.50	1/2	4,801.28	1/2		1/2		1/2					1/2
3/4	3,441.61	3/4	3,783.91	3/4	4,126.26	3/4	4,467.60	3/4	4,808.38	3/4		3/4		3/4					3/4
3	3,448.74	3	3,791.04	3	4,133.39	3	4,474.70	3	4,815.48	3		3		3					3
1/4	3,455.87	1/4	3,798.18	1/4	4,140.53	1/4	4,481.80	1/4	4,822.53	1/4		1/4		1/4					1/4
1/2	3,463.00	1/2	3,805.31	1/2	4,147.66	1/2	4,488.90	1/2	4,829.59	1/2		1/2		1/2					1/2
3/4	3,470.13	3/4	3,812.44	3/4	4,154.79	3/4	4,496.00	3/4	4,836.64	3/4		3/4		3/4					3/4
4	3,477.26	4	3,819.57	4	4,161.92	4	4,503.10	4	4,843.70	4		4		4					4
1/4	3,484.39	1/4	3,826.70	1/4	4,169.05	1/4	4,510.20	1/4	4,850.75	1/4		1/4		1/4					1/4
1/2	3,491.52	1/2	3,833.84	1/2	4,176.19	1/2	4,517.30	1/2	4,857.81	1/2		1/2		1/2					1/2
3/4	3,498.65	3/4	3,840.97	3/4	4,183.32	3/4	4,524.39	3/4	4,864.87	3/4		3/4		3/4					3/4
5	3,505.78	5	3,848.10	5	4,190.45	5	4,531.49	5	4,871.92	5		5		5					5
1/4	3,512.91	1/4	3,855.23	1/4	4,197.58	1/4	4,538.59	1/4	4,878.97	1/4		1/4		1/4					1/4
1/2	3,520.04	1/2	3,862.37	1/2	4,204.72	1/2	4,545.69	1/2	4,886.03	1/2		1/2		1/2					1/2
3/4	3,527.17	3/4	3,869.50	3/4	4,211.85	3/4	4,552.79	3/4	4,893.08	3/4		3/4		3/4					3/4
6	3,534.30	6	3,876.63	6	4,218.98	6	4,559.89	6	4,900.13	6		6		6					6
1/4	3,541.43	1/4	3,883.76	1/4	4,226.11	1/4	4,566.99	1/4	4,907.17	1/4		1/4		1/4					1/4
1/2	3,548.56	1/2	3,890.90	1/2	4,233.25	1/2	4,574.09	1/2	4,914.22	1/2		1/2		1/2					1/2
3/4	3,555.70	3/4	3,898.03	3/4	4,240.38	3/4	4,581.19	3/4	4,921.26	3/4		3/4		3/4					3/4
7	3,562.83	7	3,905.16	7	4,247.51	7	4,588.29	7	4,928.30	7		7		7					7
1/4	3,569.96	1/4	3,912.29	1/4	4,254.61	1/4	4,595.39	1/4	4,935.28	1/4		1/4		1/4					1/4
1/2	3,577.09	1/2	3,919.42	1/2	4,261.71	1/2	4,602.49	1/2	4,942.27	1/2		1/2		1/2					1/2
3/4	3,584.22	3/4	3,926.56	3/4	4,268.81	3/4	4,609.59	3/4	4,949.25	3/4		3/4		3/4					3/4
8	3,591.35	8	3,933.69	8	4,275.91	8	4,616.69	8	4,956.24	8		8		8					8
1/4	3,598.48	1/4	3,940.82	1/4	4,283.01	1/4	4,623.79	1/4	4,962.40	1/4		1/4		1/4					1/4
1/2	3,605.61	1/2	3,947.95	1/2	4,290.11	1/2	4,630.89	1/2	4,968.57	1/2		1/2		1/2					1/2
3/4	3,612.74	3/4	3,955.09	3/4	4,297.21	3/4	4,637.99	3/4	4,974.73	3/4		3/4		3/4					3/4
9	3,619.87	9	3,962.22	9	4,304.31	9	4,645.09	9	4,980.89	9		9		9					9
1/4	3,627.00	1/4	3,969.35	1/4	4,311.41	1/4	4,652.19	1/4	4,985.87	1/4		1/4		1/4					1/4
1/2	3,634.13	1/2	3,976.48	1/2	4,318.51	1/2	4,659.29	1/2	4,990.84	1/2		1/2		1/2					1/2
3/4	3,641.26	3/4	3,983.62	3/4	4,325.61	3/4	4,666.39	3/4	4,995.82	3/4		3/4		3/4					3/4
10	3,648.40	10	3,990.75	10	4,332.71	10	4,673.49	10	5,000.79	10		10		10					10
1/4	3,655.53	1/4	3,997.88	1/4	4,339.81	1/4	4,680.59	1/4	5,004.58	1/4		1/4		1/4					1/4
1/2	3,662.66	1/2	4,005.01	1/2	4,346.90	1/2	4,687.69	1/2	5,008.36	1/2		1/2		1/2					1/2
3/4	3,669.79	3/4	4,012.14	3/4	4,354.00	3/4	4,694.79	3/4	5,012.15	3/4		3/4		3/4					3/4
11	3,676.93	11	4,019.28	11	4,361.10	11	4,701.88	11	5,015.93	11		11		11					11
1/4	3,684.06	1/4	4,026.41	1/4	4,368.20	1/4	4,708.98	1/4		1/4		1/4		1/4					1/4
1/2	3,691.19	1/2	4,033.54	1/2	4,375.30	1/2	4,716.08	1/2		1/2		1/2		1/2					1/2
3/4	3,698.32	3/4	4,040.67	3/4	4,382.40	3/4	4,723.18	3/4		3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

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	14.66	0	343.31	0	686.45	0	1,019.89	0	1,358.26	0	1,701.42	0	2,044.57	0	2,387.73	0	2,730.89	0	3,074.04
1/4	19.13	1/4	350.46	1/4	693.60	1/4	1,026.73	1/4	1,365.41	1/4	1,708.57	1/4	2,051.72	1/4	2,394.88	1/4	2,738.04	1/4	3,081.18
1/2	23.60	1/2	357.61	1/2	700.75	1/2	1,033.57	1/2	1,372.56	1/2	1,715.72	1/2	2,058.87	1/2	2,402.03	1/2	2,745.19	1/2	3,088.33
3/4	28.07	3/4	364.76	3/4	707.90	3/4	1,040.42	3/4	1,379.71	3/4	1,722.87	3/4	2,066.02	3/4	2,409.18	3/4	2,752.34	3/4	3,095.48
1	32.53	1	371.90	1	715.05	1	1,047.26	1	1,386.86	1	1,730.01	1	2,073.17	1	2,416.33	1	2,759.48	1	3,102.62
1/4	38.79	1/4	379.05	1/4	722.20	1/4	1,054.10	1/4	1,394.01	1/4	1,737.16	1/4	2,080.32	1/4	2,423.48	1/4	2,766.63	1/4	3,109.77
1/2	45.04	1/2	386.20	1/2	729.34	1/2	1,060.94	1/2	1,401.16	1/2	1,744.31	1/2	2,087.47	1/2	2,430.63	1/2	2,773.78	1/2	3,116.92
3/4	51.30	3/4	393.35	3/4	736.49	3/4	1,067.78	3/4	1,408.30	3/4	1,751.46	3/4	2,094.62	3/4	2,437.78	3/4	2,780.93	3/4	3,124.06
2	57.55	2	400.50	2	743.64	2	1,074.62	2	1,415.45	2	1,758.61	2	2,101.77	2	2,444.92	2	2,788.08	2	3,131.21
1/4	64.66	1/4	407.65	1/4	750.79	1/4	1,081.47	1/4	1,422.60	1/4	1,765.76	1/4	2,108.92	1/4	2,452.07	1/4	2,795.23	1/4	3,138.36
1/2	71.77	1/2	414.80	1/2	757.94	1/2	1,088.32	1/2	1,429.75	1/2	1,772.91	1/2	2,116.07	1/2	2,459.22	1/2	2,802.38	1/2	3,145.51
3/4	78.89	3/4	421.95	3/4	765.09	3/4	1,095.17	3/4	1,436.90	3/4	1,780.06	3/4	2,123.21	3/4	2,466.37	3/4	2,809.53	3/4	3,152.65
3	86.00	3	429.09	3	772.24	3	1,102.02	3	1,444.05	3	1,787.21	3	2,130.36	3	2,473.52	3	2,816.68	3	3,159.80
1/4	93.14	1/4	436.24	1/4	779.39	1/4	1,108.89	1/4	1,451.20	1/4	1,794.36	1/4	2,137.51	1/4	2,480.67	1/4	2,823.83	1/4	3,166.95
1/2	100.28	1/2	443.39	1/2	786.53	1/2	1,115.76	1/2	1,458.35	1/2	1,801.51	1/2	2,144.66	1/2	2,487.82	1/2	2,830.98	1/2	3,174.09
3/4	107.41	3/4	450.54	3/4	793.68	3/4	1,122.62	3/4	1,465.50	3/4	1,808.65	3/4	2,151.81	3/4	2,494.97	3/4	2,838.12	3/4	3,181.24
4	114.55	4	457.69	4	800.83	4	1,129.49	4	1,472.65	4	1,815.80	4	2,158.96	4	2,502.12	4	2,845.27	4	3,188.39
1/4	121.70	1/4	464.84	1/4	807.70	1/4	1,136.64	1/4	1,479.80	1/4	1,822.95	1/4	2,166.11	1/4	2,509.27	1/4	2,852.42	1/4	3,195.53
1/2	128.85	1/2	471.99	1/2	814.57	1/2	1,143.79	1/2	1,486.94	1/2	1,830.10	1/2	2,173.26	1/2	2,516.42	1/2	2,859.57	1/2	3,202.68
3/4	136.00	3/4	479.14	3/4	821.43	3/4	1,150.94	3/4	1,494.09	3/4	1,837.25	3/4	2,180.41	3/4	2,523.56	3/4	2,866.72	3/4	3,209.83
5	143.14	5	486.28	5	828.30	5	1,158.09	5	1,501.24	5	1,844.40	5	2,187.56	5	2,530.71	5	2,873.87	5	3,216.97
1/4	150.29	1/4	493.43	1/4	835.15	1/4	1,165.24	1/4	1,508.39	1/4	1,851.55	1/4	2,194.71	1/4	2,537.86	1/4	2,881.02	1/4	3,224.12
1/2	157.44	1/2	500.58	1/2	842.00	1/2	1,172.38	1/2	1,515.54	1/2	1,858.70	1/2	2,201.85	1/2	2,545.01	1/2	2,888.17	1/2	3,231.27
3/4	164.59	3/4	507.73	3/4	848.85	3/4	1,179.53	3/4	1,522.69	3/4	1,865.85	3/4	2,209.00	3/4	2,552.16	3/4	2,895.32	3/4	3,238.41
6	171.74	6	514.88	6	855.70	6	1,186.68	6	1,529.84	6	1,873.00	6	2,216.15	6	2,559.31	6	2,902.47	6	3,245.56
1/4	178.89	1/4	522.03	1/4	862.54	1/4	1,193.83	1/4	1,536.99	1/4	1,880.15	1/4	2,223.30	1/4	2,566.46	1/4	2,909.62	1/4	3,252.71
1/2	186.04	1/2	529.18	1/2	869.38	1/2	1,200.98	1/2	1,544.14	1/2	1,887.29	1/2	2,230.45	1/2	2,573.61	1/2	2,916.76	1/2	3,259.86
3/4	193.18	3/4	536.33	3/4	876.22	3/4	1,208.13	3/4	1,551.29	3/4	1,894.44	3/4	2,237.60	3/4	2,580.76	3/4	2,923.91	3/4	3,267.00
7	200.33	7	543.48	7	883.06	7	1,215.28	7	1,558.44	7	1,901.59	7	2,244.75	7	2,587.91	7	2,931.06	7	3,274.15
1/4	207.48	1/4	550.62	1/4	889.90	1/4	1,222.43	1/4	1,565.58	1/4	1,908.74	1/4	2,251.90	1/4	2,595.06	1/4	2,938.21	1/4	3,281.30
1/2	214.63	1/2	557.77	1/2	896.74	1/2	1,229.58	1/2	1,572.73	1/2	1,915.89	1/2	2,259.05	1/2	2,602.20	1/2	2,945.36	1/2	3,288.44
3/4	221.78	3/4	564.92	3/4	903.59	3/4	1,236.73	3/4	1,579.88	3/4	1,923.04	3/4	2,266.20	3/4	2,609.35	3/4	2,952.51	3/4	3,295.59
8	228.93	8	572.07	8	910.43	8	1,243.88	8	1,587.03	8	1,930.19	8	2,273.35	8	2,616.50	8	2,959.66	8	3,302.74
1/4	236.08	1/4	579.22	1/4	917.27	1/4	1,251.02	1/4	1,594.18	1/4	1,937.34	1/4	2,280.49	1/4	2,623.65	1/4	2,966.81	1/4	3,309.88
1/2	243.23	1/2	586.37	1/2	924.11	1/2	1,258.17	1/2	1,601.33	1/2	1,944.49	1/2	2,287.64	1/2	2,630.80	1/2	2,973.96	1/2	3,317.03
3/4	250.37	3/4	593.52	3/4	930.95	3/4	1,265.32	3/4	1,608.48	3/4	1,951.64	3/4	2,294.79	3/4	2,637.95	3/4	2,981.11	3/4	3,324.18
9	257.52	9	600.67	9	937.79	9	1,272.47	9	1,615.63	9	1,958.79	9	2,301.94	9	2,645.10	9	2,988.26	9	3,331.32
1/4	264.67	1/4	607.81	1/4	944.63	1/4	1,279.62	1/4	1,622.78	1/4	1,965.93	1/4	2,309.09	1/4	2,652.25	1/4	2,995.40	1/4	3,338.47
1/2	271.82	1/2	614.96	1/2	951.47	1/2	1,286.77	1/2	1,629.93	1/2	1,973.08	1/2	2,316.24	1/2	2,659.40	1/2	3,002.55	1/2	3,345.62
3/4	278.97	3/4	622.11	3/4	958.32	3/4	1,293.92	3/4	1,637.08	3/4	1,980.23	3/4	2,323.39	3/4	2,666.55	3/4	3,009.70	3/4	3,352.77
10	286.12	10	629.26	10	965.16	10	1,301.07	10	1,644.22	10	1,987.38	10	2,330.54	10	2,673.70	10	3,016.85	10	3,359.91
1/4	293.27	1/4	636.41	1/4	972.00	1/4	1,308.22	1/4	1,651.37	1/4	1,994.53	1/4	2,337.69	1/4	2,680.84	1/4	3,024.00	1/4	3,367.06
1/2	300.42	1/2	643.56	1/2	978.84	1/2	1,315.37	1/2	1,658.52	1/2	2,001.68	1/2	2,344.84	1/2	2,687.99	1/2	3,031.15	1/2	3,374.21
3/4	307.56	3/4	650.71	3/4	985.68	3/4	1,322.52	3/4	1,665.67	3/4	2,008.83	3/4	2,351.99	3/4	2,695.14	3/4	3,038.30	3/4	3,381.35
11	314.71	11	657.86	11	992.52	11	1,329.66	11	1,672.82	11	2,015.98	11	2,359.13	11	2,702.29	11	3,045.45	11	3,388.50
1/4	321.86	1/4	665.00	1/4	999.37	1/4	1,336.81	1/4	1,679.97	1/4	2,023.13	1/4	2,366.28	1/4	2,709.44	1/4	3,052.60	1/4	3,395.65
1/2	329.01	1/2	672.15	1/2	1,006.21	1/2	1,343.96	1/2	1,687.12	1/2	2,030.28	1/2	2,373.43	1/2	2,716.59	1/2	3,059.74	1/2	3,402.79
3/4	336.16	3/4	679.30	3/4	1,013.05	3/4	1,351.11	3/4	1,694.27	3/4	2,037.43	3/4	2,380.58	3/4	2,723.74	3/4	3,066.89	3/4	3,409.94

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 42'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "FMT 3298"

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	3,417.09	0	3,760.14	0	4,103.19	0	4,445.59	0	4,787.08	0		0		0					
1/4	3,424.23	1/4	3,767.29	1/4	4,110.34	1/4	4,452.71	1/4	4,794.20	1/4		1/4		1/4					1/4
1/2	3,431.38	1/2	3,774.43	1/2	4,117.48	1/2	4,459.82	1/2	4,801.31	1/2		1/2		1/2					1/2
3/4	3,438.53	3/4	3,781.58	3/4	4,124.63	3/4	4,466.93	3/4	4,808.43	3/4		3/4		3/4					3/4
1	3,445.67	1	3,788.73	1	4,131.78	1	4,474.05	1	4,815.54	1		1		1					1
1/4	3,452.82	1/4	3,795.87	1/4	4,138.92	1/4	4,481.16	1/4	4,822.65	1/4		1/4		1/4					1/4
1/2	3,459.97	1/2	3,803.02	1/2	4,146.07	1/2	4,488.28	1/2	4,829.77	1/2		1/2		1/2					1/2
3/4	3,467.12	3/4	3,810.17	3/4	4,153.22	3/4	4,495.39	3/4	4,836.88	3/4		3/4		3/4					3/4
2	3,474.26	2	3,817.31	2	4,160.36	2	4,502.51	2	4,844.00	2		2		2					2
1/4	3,481.41	1/4	3,824.46	1/4	4,167.51	1/4	4,509.62	1/4	4,851.11	1/4		1/4		1/4					1/4
1/2	3,488.56	1/2	3,831.61	1/2	4,174.66	1/2	4,516.73	1/2	4,858.23	1/2		1/2		1/2					1/2
3/4	3,495.70	3/4	3,838.75	3/4	4,181.81	3/4	4,523.85	3/4	4,865.34	3/4		3/4		3/4					3/4
3	3,502.85	3	3,845.90	3	4,188.95	3	4,530.96	3	4,872.45	3		3		3					3
1/4	3,510.00	1/4	3,853.05	1/4	4,196.10	1/4	4,538.08	1/4	4,879.52	1/4		1/4		1/4					1/4
1/2	3,517.14	1/2	3,860.20	1/2	4,203.25	1/2	4,545.19	1/2	4,886.59	1/2		1/2		1/2					1/2
3/4	3,524.29	3/4	3,867.34	3/4	4,210.39	3/4	4,552.31	3/4	4,893.66	3/4		3/4		3/4					3/4
4	3,531.44	4	3,874.49	4	4,217.54	4	4,559.42	4	4,900.73	4		4		4					4
1/4	3,538.58	1/4	3,881.64	1/4	4,224.69	1/4	4,566.54	1/4	4,907.80	1/4		1/4		1/4					1/4
1/2	3,545.73	1/2	3,888.78	1/2	4,231.83	1/2	4,573.65	1/2	4,914.87	1/2		1/2		1/2					1/2
3/4	3,552.88	3/4	3,895.93	3/4	4,238.98	3/4	4,580.76	3/4	4,921.94	3/4		3/4		3/4					3/4
5	3,560.03	5	3,903.08	5	4,246.13	5	4,587.88	5	4,929.01	5		5		5					5
1/4	3,567.17	1/4	3,910.22	1/4	4,253.27	1/4	4,594.99	1/4	4,936.08	1/4		1/4		1/4					1/4
1/2	3,574.32	1/2	3,917.37	1/2	4,260.42	1/2	4,602.11	1/2	4,943.15	1/2		1/2		1/2					1/2
3/4	3,581.47	3/4	3,924.52	3/4	4,267.57	3/4	4,609.22	3/4	4,950.21	3/4		3/4		3/4					3/4
6	3,588.61	6	3,931.66	6	4,274.72	6	4,616.34	6	4,957.28	6		6		6					6
1/4	3,595.76	1/4	3,938.81	1/4	4,281.86	1/4	4,623.45	1/4	4,964.34	1/4		1/4		1/4					1/4
1/2	3,602.91	1/2	3,945.96	1/2	4,289.01	1/2	4,630.57	1/2	4,971.39	1/2		1/2		1/2					1/2
3/4	3,610.05	3/4	3,953.10	3/4	4,296.16	3/4	4,637.68	3/4	4,978.45	3/4		3/4		3/4					3/4
7	3,617.20	7	3,960.25	7	4,303.30	7	4,644.79	7	4,985.50	7		7		7					7
1/4	3,624.35	1/4	3,967.40	1/4	4,310.42	1/4	4,651.91	1/4	4,992.50	1/4		1/4		1/4					1/4
1/2	3,631.49	1/2	3,974.55	1/2	4,317.53	1/2	4,659.02	1/2	4,999.50	1/2		1/2		1/2					1/2
3/4	3,638.64	3/4	3,981.69	3/4	4,324.65	3/4	4,666.14	3/4	5,006.50	3/4		3/4		3/4					3/4
8	3,645.79	8	3,988.84	8	4,331.76	8	4,673.25	8	5,013.50	8		8		8					8
1/4	3,652.94	1/4	3,995.99	1/4	4,338.87	1/4	4,680.37	1/4	5,019.68	1/4		1/4		1/4					1/4
1/2	3,660.08	1/2	4,003.13	1/2	4,345.99	1/2	4,687.48	1/2	5,025.86	1/2		1/2		1/2					1/2
3/4	3,667.23	3/4	4,010.28	3/4	4,353.10	3/4	4,694.59	3/4	5,032.03	3/4		3/4		3/4					3/4
9	3,674.38	9	4,017.43	9	4,360.22	9	4,701.71	9	5,038.21	9		9		9					9
1/4	3,681.52	1/4	4,024.57	1/4	4,367.33	1/4	4,708.82	1/4	5,043.19	1/4		1/4		1/4					1/4
1/2	3,688.67	1/2	4,031.72	1/2	4,374.45	1/2	4,715.94	1/2	5,048.18	1/2		1/2		1/2					1/2
3/4	3,695.82	3/4	4,038.87	3/4	4,381.56	3/4	4,723.05	3/4	5,053.16	3/4		3/4		3/4					3/4
10	3,702.96	10	4,046.01	10	4,388.68	10	4,730.17	10	5,058.14	10		10		10					10
1/4	3,710.11	1/4	4,053.16	1/4	4,395.79	1/4	4,737.28	1/4	5,061.94	1/4		1/4		1/4					1/4
1/2	3,717.26	1/2	4,060.31	1/2	4,402.90	1/2	4,744.40	1/2	5,065.73	1/2		1/2		1/2					1/2
3/4	3,724.40	3/4	4,067.46	3/4	4,410.02	3/4	4,751.51	3/4	5,069.52	3/4		3/4		3/4					3/4
11	3,731.55	11	4,074.60	11	4,417.13	11	4,758.62	11	5,073.32	11		11		11					11
1/4	3,738.70	1/4	4,081.75	1/4	4,424.25	1/4	4,765.74	1/4		1/4		1/4		1/4					1/4
1/2	3,745.84	1/2	4,088.90	1/2	4,431.36	1/2	4,772.85	1/2		1/2		1/2		1/2					1/2
3/4	3,752.99	3/4	4,096.04	3/4	4,438.48	3/4	4,779.97	3/4		3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

2 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	14.69	0	343.87	0	687.58	0	1,030.92	0	1,374.50	0	1,718.22	0	2,061.94	0	2,405.66	0	2,749.38	0	3,093.09
1/4	19.16	1/4	351.03	1/4	694.74	1/4	1,038.07	1/4	1,381.66	1/4	1,725.38	1/4	2,069.10	1/4	2,412.82	1/4	2,756.54	1/4	3,100.24
1/2	23.64	1/2	358.19	1/2	701.90	1/2	1,045.21	1/2	1,388.82	1/2	1,732.54	1/2	2,076.26	1/2	2,419.98	1/2	2,763.70	1/2	3,107.40
3/4	28.11	3/4	365.35	3/4	709.06	3/4	1,052.36	3/4	1,395.99	3/4	1,739.70	3/4	2,083.42	3/4	2,427.14	3/4	2,770.86	3/4	3,114.56
1	32.59	1	372.51	1	716.22	1	1,059.51	1	1,403.15	1	1,746.86	1	2,090.58	1	2,434.30	1	2,778.02	1	3,121.72
1/4	38.85	1/4	379.67	1/4	723.38	1/4	1,066.65	1/4	1,410.31	1/4	1,754.03	1/4	2,097.74	1/4	2,441.46	1/4	2,785.18	1/4	3,128.88
1/2	45.12	1/2	386.83	1/2	730.54	1/2	1,073.80	1/2	1,417.47	1/2	1,761.19	1/2	2,104.90	1/2	2,448.62	1/2	2,792.34	1/2	3,136.04
3/4	51.38	3/4	393.99	3/4	737.70	3/4	1,080.95	3/4	1,424.63	3/4	1,768.35	3/4	2,112.07	3/4	2,455.78	3/4	2,799.50	3/4	3,143.20
2	57.64	2	401.16	2	744.86	2	1,088.09	2	1,431.79	2	1,775.51	2	2,119.23	2	2,462.94	2	2,806.66	2	3,150.35
1/4	64.77	1/4	408.32	1/4	752.02	1/4	1,095.25	1/4	1,438.95	1/4	1,782.67	1/4	2,126.39	1/4	2,470.11	1/4	2,813.82	1/4	3,157.51
1/2	71.89	1/2	415.48	1/2	759.18	1/2	1,102.40	1/2	1,446.11	1/2	1,789.83	1/2	2,133.55	1/2	2,477.27	1/2	2,820.98	1/2	3,164.67
3/4	79.02	3/4	422.64	3/4	766.34	3/4	1,109.56	3/4	1,453.27	3/4	1,796.99	3/4	2,140.71	3/4	2,484.43	3/4	2,828.15	3/4	3,171.83
3	86.14	3	429.80	3	773.50	3	1,116.71	3	1,460.43	3	1,804.15	3	2,147.87	3	2,491.59	3	2,835.31	3	3,178.99
1/4	93.29	1/4	436.96	1/4	780.66	1/4	1,123.87	1/4	1,467.59	1/4	1,811.31	1/4	2,155.03	1/4	2,498.75	1/4	2,842.47	1/4	3,186.15
1/2	100.44	1/2	444.12	1/2	787.82	1/2	1,131.04	1/2	1,474.75	1/2	1,818.47	1/2	2,162.19	1/2	2,505.91	1/2	2,849.63	1/2	3,193.30
3/4	107.59	3/4	451.28	3/4	794.98	3/4	1,138.20	3/4	1,481.91	3/4	1,825.63	3/4	2,169.35	3/4	2,513.07	3/4	2,856.79	3/4	3,200.46
4	114.74	4	458.44	4	802.14	4	1,145.36	4	1,489.08	4	1,832.79	4	2,176.51	4	2,520.23	4	2,863.95	4	3,207.62
1/4	121.90	1/4	465.60	1/4	809.30	1/4	1,152.52	1/4	1,496.24	1/4	1,839.95	1/4	2,183.67	1/4	2,527.39	1/4	2,871.11	1/4	3,214.78
1/2	129.06	1/2	472.76	1/2	816.46	1/2	1,159.68	1/2	1,503.40	1/2	1,847.12	1/2	2,190.83	1/2	2,534.55	1/2	2,878.27	1/2	3,221.94
3/4	136.22	3/4	479.92	3/4	823.62	3/4	1,166.84	3/4	1,510.56	3/4	1,854.28	3/4	2,197.99	3/4	2,541.71	3/4	2,885.43	3/4	3,229.10
5	143.38	5	487.08	5	830.79	5	1,174.00	5	1,517.72	5	1,861.44	5	2,205.16	5	2,548.87	5	2,892.59	5	3,236.26
1/4	150.54	1/4	494.24	1/4	837.94	1/4	1,181.16	1/4	1,524.88	1/4	1,868.60	1/4	2,212.32	1/4	2,556.03	1/4	2,899.75	1/4	3,243.41
1/2	157.70	1/2	501.40	1/2	845.09	1/2	1,188.32	1/2	1,532.04	1/2	1,875.76	1/2	2,219.48	1/2	2,563.20	1/2	2,906.91	1/2	3,250.57
3/4	164.86	3/4	508.56	3/4	852.25	3/4	1,195.48	3/4	1,539.20	3/4	1,882.92	3/4	2,226.64	3/4	2,570.36	3/4	2,914.07	3/4	3,257.73
6	172.02	6	515.72	6	859.40	6	1,202.64	6	1,546.36	6	1,890.08	6	2,233.80	6	2,577.52	6	2,921.24	6	3,264.89
1/4	179.18	1/4	522.88	1/4	866.55	1/4	1,209.80	1/4	1,553.52	1/4	1,897.24	1/4	2,240.96	1/4	2,584.68	1/4	2,928.40	1/4	3,272.05
1/2	186.34	1/2	530.04	1/2	873.70	1/2	1,216.97	1/2	1,560.68	1/2	1,904.40	1/2	2,248.12	1/2	2,591.84	1/2	2,935.56	1/2	3,279.21
3/4	193.50	3/4	537.20	3/4	880.84	3/4	1,224.13	3/4	1,567.84	3/4	1,911.56	3/4	2,255.28	3/4	2,599.00	3/4	2,942.72	3/4	3,286.37
7	200.66	7	544.37	7	887.99	7	1,231.29	7	1,575.01	7	1,918.72	7	2,262.44	7	2,606.16	7	2,949.88	7	3,293.52
1/4	207.82	1/4	551.53	1/4	895.14	1/4	1,238.45	1/4	1,582.17	1/4	1,925.88	1/4	2,269.60	1/4	2,613.32	1/4	2,957.04	1/4	3,300.68
1/2	214.98	1/2	558.69	1/2	902.28	1/2	1,245.61	1/2	1,589.33	1/2	1,933.05	1/2	2,276.76	1/2	2,620.48	1/2	2,964.20	1/2	3,307.84
3/4	222.14	3/4	565.85	3/4	909.43	3/4	1,252.77	3/4	1,596.49	3/4	1,940.21	3/4	2,283.92	3/4	2,627.64	3/4	2,971.36	3/4	3,315.00
8	229.30	8	573.01	8	916.58	8	1,259.93	8	1,603.65	8	1,947.37	8	2,291.09	8	2,634.80	8	2,978.52	8	3,322.16
1/4	236.46	1/4	580.17	1/4	923.72	1/4	1,267.09	1/4	1,610.81	1/4	1,954.53	1/4	2,298.25	1/4	2,641.96	1/4	2,985.68	1/4	3,329.32
1/2	243.62	1/2	587.33	1/2	930.87	1/2	1,274.25	1/2	1,617.97	1/2	1,961.69	1/2	2,305.41	1/2	2,649.13	1/2	2,992.84	1/2	3,336.47
3/4	250.78	3/4	594.49	3/4	938.01	3/4	1,281.41	3/4	1,625.13	3/4	1,968.85	3/4	2,312.57	3/4	2,656.29	3/4	3,000.00	3/4	3,343.63
9	257.95	9	601.65	9	945.16	9	1,288.57	9	1,632.29	9	1,976.01	9	2,319.73	9	2,663.45	9	3,007.17	9	3,350.79
1/4	265.11	1/4	608.81	1/4	952.31	1/4	1,295.73	1/4	1,639.45	1/4	1,983.17	1/4	2,326.89	1/4	2,670.61	1/4	3,014.33	1/4	3,357.95
1/2	272.27	1/2	615.97	1/2	959.45	1/2	1,302.89	1/2	1,646.61	1/2	1,990.33	1/2	2,334.05	1/2	2,677.77	1/2	3,021.49	1/2	3,365.11
3/4	279.43	3/4	623.13	3/4	966.60	3/4	1,310.06	3/4	1,653.77	3/4	1,997.49	3/4	2,341.21	3/4	2,684.93	3/4	3,028.65	3/4	3,372.27
10	286.59	10	630.29	10	973.75	10	1,317.22	10	1,660.93	10	2,004.65	10	2,348.37	10	2,692.09	10	3,035.81	10	3,379.43
1/4	293.75	1/4	637.45	1/4	980.89	1/4	1,324.38	1/4	1,668.10	1/4	2,011.81	1/4	2,355.53	1/4	2,699.25	1/4	3,042.97	1/4	3,386.58
1/2	300.91	1/2	644.61	1/2	988.04	1/2	1,331.54	1/2	1,675.26	1/2	2,018.97	1/2	2,362.69	1/2	2,706.41	1/2	3,050.13	1/2	3,393.74
3/4	308.07	3/4	651.77	3/4	995.19	3/4	1,338.70	3/4	1,682.42	3/4	2,026.14	3/4	2,369.85	3/4	2,713.57	3/4	3,057.29	3/4	3,400.90
11	315.23	11	658.93	11	1,002.33	11	1,345.86	11	1,689.58	11	2,033.30	11	2,377.01	11	2,720.73	11	3,064.45	11	3,408.06
1/4	322.39	1/4	666.09	1/4	1,009.48	1/4	1,353.02	1/4	1,696.74	1/4	2,040.46	1/4	2,384.18	1/4	2,727.89	1/4	3,071.61	1/4	3,415.22
1/2	329.55	1/2	673.25	1/2	1,016.63	1/2	1,360.18	1/2	1,703.90	1/2	2,047.62	1/2	2,391.34	1/2	2,735.05	1/2	3,078.77	1/2	3,422.38
3/4	336.71	3/4	680.41	3/4	1,023.77	3/4	1,367.34	3/4	1,711.06	3/4	2,054.78	3/4	2,398.50	3/4	2,742.22	3/4	3,085.93	3/4	3,429.54

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 42'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "FMT 3298"

2 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	3,436.69	0	3,780.33	0	4,124.04	0	4,467.10	0	4,809.25	0		0		0					0
1/4	3,443.85	1/4	3,787.49	1/4	4,131.20	1/4	4,474.23	1/4	4,816.37	1/4		1/4		1/4					1/4
1/2	3,451.01	1/2	3,794.65	1/2	4,138.36	1/2	4,481.36	1/2	4,823.50	1/2		1/2		1/2					1/2
3/4	3,458.17	3/4	3,801.81	3/4	4,145.52	3/4	4,488.49	3/4	4,830.63	3/4		3/4		3/4					3/4
1	3,465.33	1	3,808.97	1	4,152.68	1	4,495.61	1	4,837.76	1		1		1					1
1/4	3,472.49	1/4	3,816.13	1/4	4,159.85	1/4	4,502.74	1/4	4,844.89	1/4		1/4		1/4					1/4
1/2	3,479.64	1/2	3,823.29	1/2	4,167.01	1/2	4,509.87	1/2	4,852.01	1/2		1/2		1/2					1/2
3/4	3,486.80	3/4	3,830.45	3/4	4,174.17	3/4	4,517.00	3/4	4,859.14	3/4		3/4		3/4					3/4
2	3,493.96	2	3,837.61	2	4,181.33	2	4,524.13	2	4,866.27	2		2		2					2
1/4	3,501.12	1/4	3,844.77	1/4	4,188.49	1/4	4,531.25	1/4	4,873.40	1/4		1/4		1/4					1/4
1/2	3,508.28	1/2	3,851.93	1/2	4,195.65	1/2	4,538.38	1/2	4,880.53	1/2		1/2		1/2					1/2
3/4	3,515.44	3/4	3,859.10	3/4	4,202.81	3/4	4,545.51	3/4	4,887.65	3/4		3/4		3/4					3/4
3	3,522.60	3	3,866.26	3	4,209.97	3	4,552.64	3	4,894.78	3		3		3					3
1/4	3,529.75	1/4	3,873.42	1/4	4,217.13	1/4	4,559.77	1/4	4,901.86	1/4		1/4		1/4					1/4
1/2	3,536.91	1/2	3,880.58	1/2	4,224.29	1/2	4,566.89	1/2	4,908.95	1/2		1/2		1/2					1/2
3/4	3,544.07	3/4	3,887.74	3/4	4,231.45	3/4	4,574.02	3/4	4,916.03	3/4		3/4		3/4					3/4
4	3,551.23	4	3,894.90	4	4,238.61	4	4,581.15	4	4,923.11	4		4		4					4
1/4	3,558.39	1/4	3,902.06	1/4	4,245.77	1/4	4,588.28	1/4	4,930.20	1/4		1/4		1/4					1/4
1/2	3,565.55	1/2	3,909.22	1/2	4,252.93	1/2	4,595.41	1/2	4,937.28	1/2		1/2		1/2					1/2
3/4	3,572.71	3/4	3,916.38	3/4	4,260.09	3/4	4,602.53	3/4	4,944.36	3/4		3/4		3/4					3/4
5	3,579.86	5	3,923.54	5	4,267.26	5	4,609.66	5	4,951.45	5		5		5					5
1/4	3,587.02	1/4	3,930.70	1/4	4,274.42	1/4	4,616.79	1/4	4,958.53	1/4		1/4		1/4					1/4
1/2	3,594.18	1/2	3,937.86	1/2	4,281.58	1/2	4,623.92	1/2	4,965.61	1/2		1/2		1/2					1/2
3/4	3,601.34	3/4	3,945.02	3/4	4,288.74	3/4	4,631.05	3/4	4,972.69	3/4		3/4		3/4					3/4
6	3,608.50	6	3,952.18	6	4,295.90	6	4,638.17	6	4,979.77	6		6		6					6
1/4	3,615.66	1/4	3,959.35	1/4	4,303.06	1/4	4,645.30	1/4	4,986.84	1/4		1/4		1/4					1/4
1/2	3,622.81	1/2	3,966.51	1/2	4,310.22	1/2	4,652.43	1/2	4,993.91	1/2		1/2		1/2					1/2
3/4	3,629.97	3/4	3,973.67	3/4	4,317.38	3/4	4,659.56	3/4	5,000.98	3/4		3/4		3/4					3/4
7	3,637.13	7	3,980.83	7	4,324.54	7	4,666.69	7	5,008.05	7		7		7					7
1/4	3,644.29	1/4	3,987.99	1/4	4,331.67	1/4	4,673.81	1/4	5,015.06	1/4		1/4		1/4					1/4
1/2	3,651.45	1/2	3,995.15	1/2	4,338.80	1/2	4,680.94	1/2	5,022.07	1/2		1/2		1/2					1/2
3/4	3,658.61	3/4	4,002.31	3/4	4,345.93	3/4	4,688.07	3/4	5,029.09	3/4		3/4		3/4					3/4
8	3,665.77	8	4,009.47	8	4,353.05	8	4,695.20	8	5,036.10	8		8		8					8
1/4	3,672.92	1/4	4,016.63	1/4	4,360.18	1/4	4,702.33	1/4	5,042.29	1/4		1/4		1/4					1/4
1/2	3,680.08	1/2	4,023.79	1/2	4,367.31	1/2	4,709.45	1/2	5,048.48	1/2		1/2		1/2					1/2
3/4	3,687.24	3/4	4,030.95	3/4	4,374.44	3/4	4,716.58	3/4	5,054.67	3/4		3/4		3/4					3/4
9	3,694.40	9	4,038.11	9	4,381.57	9	4,723.71	9	5,060.85	9		9		9					9
1/4	3,701.56	1/4	4,045.27	1/4	4,388.69	1/4	4,730.84	1/4	5,065.85	1/4		1/4		1/4					1/4
1/2	3,708.72	1/2	4,052.43	1/2	4,395.82	1/2	4,737.97	1/2	5,070.84	1/2		1/2		1/2					1/2
3/4	3,715.88	3/4	4,059.60	3/4	4,402.95	3/4	4,745.09	3/4	5,075.84	3/4		3/4		3/4					3/4
10	3,723.04	10	4,066.76	10	4,410.08	10	4,752.22	10	5,080.83	10		10		10					10
1/4	3,730.20	1/4	4,073.92	1/4	4,417.21	1/4	4,759.35	1/4	5,084.63	1/4		1/4		1/4					1/4
1/2	3,737.36	1/2	4,081.08	1/2	4,424.33	1/2	4,766.48	1/2	5,088.43	1/2		1/2		1/2					1/2
3/4	3,744.52	3/4	4,088.24	3/4	4,431.46	3/4	4,773.61	3/4	5,092.23	3/4		3/4		3/4					3/4
11	3,751.69	11	4,095.40	11	4,438.59	11	4,780.73	11	5,096.04	11		11		11					11
1/4	3,758.85	1/4	4,102.56	1/4	4,445.72	1/4	4,787.86	1/4		1/4		1/4		1/4					1/4
1/2	3,766.01	1/2	4,109.72	1/2	4,452.85	1/2	4,794.99	1/2		1/2		1/2		1/2					1/2
3/4	3,773.17	3/4	4,116.88	3/4	4,459.97	3/4	4,802.12	3/4		3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
 CALCULATED: 07/16/2019 CL
 PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

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	14.60	0	341.70	0	682.73	0	1,014.12	0	1,350.44	0	1,691.36	0	2,032.27	0	2,373.19	0	2,714.08	0	3,055.12
1/4	19.04	1/4	348.82	1/4	689.83	1/4	1,020.92	1/4	1,357.55	1/4	1,698.46	1/4	2,039.38	1/4	2,380.29	1/4	2,721.18	1/4	3,062.22
1/2	23.49	1/2	355.93	1/2	696.93	1/2	1,027.71	1/2	1,364.65	1/2	1,705.56	1/2	2,046.48	1/2	2,387.39	1/2	2,728.28	1/2	3,069.31
3/4	27.94	3/4	363.05	3/4	704.04	3/4	1,034.51	3/4	1,371.75	3/4	1,712.67	3/4	2,053.58	3/4	2,394.50	3/4	2,735.38	3/4	3,076.41
1	32.38	1	370.16	1	711.14	1	1,041.30	1	1,378.85	1	1,719.77	1	2,060.68	1	2,401.60	1	2,742.48	1	3,083.51
1/4	38.61	1/4	377.27	1/4	718.24	1/4	1,048.09	1/4	1,385.96	1/4	1,726.87	1/4	2,067.79	1/4	2,408.70	1/4	2,749.58	1/4	3,090.61
1/2	44.83	1/2	384.37	1/2	725.35	1/2	1,054.89	1/2	1,393.06	1/2	1,733.97	1/2	2,074.89	1/2	2,415.80	1/2	2,756.68	1/2	3,097.70
3/4	51.06	3/4	391.47	3/4	732.45	3/4	1,061.68	3/4	1,400.16	3/4	1,741.08	3/4	2,081.99	3/4	2,422.91	3/4	2,763.79	3/4	3,104.80
2	57.28	2	398.58	2	739.55	2	1,068.47	2	1,407.26	2	1,748.18	2	2,089.09	2	2,430.01	2	2,770.89	2	3,111.90
1/4	64.36	1/4	405.68	1/4	746.66	1/4	1,075.28	1/4	1,414.36	1/4	1,755.28	1/4	2,096.20	1/4	2,437.11	1/4	2,777.99	1/4	3,118.98
1/2	71.44	1/2	412.78	1/2	753.76	1/2	1,082.08	1/2	1,421.47	1/2	1,762.38	1/2	2,103.30	1/2	2,444.21	1/2	2,785.09	1/2	3,126.06
3/4	78.52	3/4	419.89	3/4	760.87	3/4	1,088.88	3/4	1,428.57	3/4	1,769.48	3/4	2,110.40	3/4	2,451.32	3/4	2,792.19	3/4	3,133.14
3	85.60	3	426.99	3	767.97	3	1,095.68	3	1,435.67	3	1,776.59	3	2,117.50	3	2,458.42	3	2,799.29	3	3,140.22
1/4	92.70	1/4	434.10	1/4	775.07	1/4	1,102.55	1/4	1,442.77	1/4	1,783.69	1/4	2,124.60	1/4	2,465.52	1/4	2,806.39	1/4	3,147.30
1/2	99.81	1/2	441.20	1/2	782.18	1/2	1,109.42	1/2	1,449.88	1/2	1,790.79	1/2	2,131.71	1/2	2,472.62	1/2	2,813.50	1/2	3,154.38
3/4	106.91	3/4	448.30	3/4	789.28	3/4	1,116.29	3/4	1,456.98	3/4	1,797.89	3/4	2,138.81	3/4	2,479.72	3/4	2,820.60	3/4	3,161.46
4	114.02	4	455.41	4	796.38	4	1,123.17	4	1,464.08	4	1,805.00	4	2,145.91	4	2,486.83	4	2,827.70	4	3,168.54
1/4	121.13	1/4	462.51	1/4	803.26	1/4	1,130.27	1/4	1,471.18	1/4	1,812.10	1/4	2,153.01	1/4	2,493.93	1/4	2,834.80	1/4	3,175.62
1/2	128.25	1/2	469.61	1/2	810.13	1/2	1,137.37	1/2	1,478.29	1/2	1,819.20	1/2	2,160.12	1/2	2,501.03	1/2	2,841.90	1/2	3,182.70
3/4	135.36	3/4	476.72	3/4	817.00	3/4	1,144.47	3/4	1,485.39	3/4	1,826.30	3/4	2,167.22	3/4	2,508.13	3/4	2,849.00	3/4	3,189.78
5	142.47	5	483.82	5	823.87	5	1,151.58	5	1,492.49	5	1,833.41	5	2,174.32	5	2,515.23	5	2,856.11	5	3,196.86
1/4	149.59	1/4	490.93	1/4	830.68	1/4	1,158.68	1/4	1,499.59	1/4	1,840.51	1/4	2,181.42	1/4	2,522.33	1/4	2,863.21	1/4	3,203.94
1/2	156.70	1/2	498.03	1/2	837.48	1/2	1,165.78	1/2	1,506.70	1/2	1,847.61	1/2	2,188.53	1/2	2,529.44	1/2	2,870.31	1/2	3,211.02
3/4	163.82	3/4	505.13	3/4	844.28	3/4	1,172.88	3/4	1,513.80	3/4	1,854.71	3/4	2,195.63	3/4	2,536.54	3/4	2,877.41	3/4	3,218.10
6	170.93	6	512.24	6	851.08	6	1,179.99	6	1,520.90	6	1,861.82	6	2,202.73	6	2,543.64	6	2,884.51	6	3,225.18
1/4	178.05	1/4	519.34	1/4	857.87	1/4	1,187.09	1/4	1,528.00	1/4	1,868.92	1/4	2,209.83	1/4	2,550.74	1/4	2,891.61	1/4	3,232.26
1/2	185.16	1/2	526.44	1/2	864.67	1/2	1,194.19	1/2	1,535.11	1/2	1,876.02	1/2	2,216.94	1/2	2,557.84	1/2	2,898.71	1/2	3,239.34
3/4	192.28	3/4	533.55	3/4	871.46	3/4	1,201.29	3/4	1,542.21	3/4	1,883.12	3/4	2,224.04	3/4	2,564.94	3/4	2,905.82	3/4	3,246.42
7	199.40	7	540.65	7	878.25	7	1,208.40	7	1,549.31	7	1,890.23	7	2,231.14	7	2,572.05	7	2,912.92	7	3,253.50
1/4	206.51	1/4	547.75	1/4	885.05	1/4	1,215.50	1/4	1,556.41	1/4	1,897.33	1/4	2,238.24	1/4	2,579.15	1/4	2,920.03	1/4	3,260.58
1/2	213.63	1/2	554.86	1/2	891.84	1/2	1,222.60	1/2	1,563.52	1/2	1,904.43	1/2	2,245.35	1/2	2,586.25	1/2	2,927.14	1/2	3,267.67
3/4	220.74	3/4	561.96	3/4	898.63	3/4	1,229.70	3/4	1,570.62	3/4	1,911.53	3/4	2,252.45	3/4	2,593.35	3/4	2,934.26	3/4	3,274.75
8	227.86	8	569.07	8	905.43	8	1,236.80	8	1,577.72	8	1,918.64	8	2,259.55	8	2,600.45	8	2,941.37	8	3,281.83
1/4	234.97	1/4	576.17	1/4	912.22	1/4	1,243.91	1/4	1,584.82	1/4	1,925.74	1/4	2,266.65	1/4	2,607.55	1/4	2,948.48	1/4	3,288.91
1/2	242.09	1/2	583.27	1/2	919.01	1/2	1,251.01	1/2	1,591.92	1/2	1,932.84	1/2	2,273.76	1/2	2,614.65	1/2	2,955.60	1/2	3,295.99
3/4	249.20	3/4	590.38	3/4	925.81	3/4	1,258.11	3/4	1,599.03	3/4	1,939.94	3/4	2,280.86	3/4	2,621.76	3/4	2,962.71	3/4	3,303.07
9	256.32	9	597.48	9	932.60	9	1,265.21	9	1,606.13	9	1,947.04	9	2,287.96	9	2,628.86	9	2,969.82	9	3,310.16
1/4	263.43	1/4	604.58	1/4	939.39	1/4	1,272.32	1/4	1,613.23	1/4	1,954.15	1/4	2,295.06	1/4	2,635.96	1/4	2,976.94	1/4	3,317.24
1/2	270.55	1/2	611.69	1/2	946.19	1/2	1,279.42	1/2	1,620.33	1/2	1,961.25	1/2	2,302.16	1/2	2,643.06	1/2	2,984.05	1/2	3,324.32
3/4	277.66	3/4	618.79	3/4	952.98	3/4	1,286.52	3/4	1,627.44	3/4	1,968.35	3/4	2,309.27	3/4	2,650.16	3/4	2,991.16	3/4	3,331.40
10	284.78	10	625.90	10	959.77	10	1,293.62	10	1,634.54	10	1,975.45	10	2,316.37	10	2,657.26	10	2,998.28	10	3,338.48
1/4	291.89	1/4	633.00	1/4	966.57	1/4	1,300.73	1/4	1,641.64	1/4	1,982.56	1/4	2,323.47	1/4	2,664.36	1/4	3,005.39	1/4	3,342.81
1/2	299.01	1/2	640.10	1/2	973.36	1/2	1,307.83	1/2	1,648.74	1/2	1,989.66	1/2	2,330.57	1/2	2,671.47	1/2	3,012.50	1/2	3,347.14
3/4	306.12	3/4	647.21	3/4	980.16	3/4	1,314.93	3/4	1,655.85	3/4	1,996.76	3/4	2,337.68	3/4	2,678.57	3/4	3,019.62	3/4	3,351.46
11	313.24	11	654.31	11	986.95	11	1,322.03	11	1,662.95	11	2,003.86	11	2,344.78	11	2,685.67	11	3,026.73	11	3,355.79
1/4	320.36	1/4	661.41	1/4	993.74	1/4	1,329.14	1/4	1,670.05	1/4	2,010.97	1/4	2,351.88	1/4	2,692.77	1/4	3,033.83	1/4	3,360.12
1/2	327.47	1/2	668.52	1/2	1,000.54	1/2	1,336.24	1/2	1,677.15	1/2	2,018.07	1/2	2,358.98	1/2	2,699.87	1/2	3,040.92	1/2	3,364.44
3/4	334.59	3/4	675.62	3/4	1,007.33	3/4	1,343.34	3/4	1,684.26	3/4	2,025.17	3/4	2,366.09	3/4	2,706.97	3/4	3,048.02	3/4	3,368.77

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 42'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "FMT 3298"

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	3,373.10	0	3,581.84	0	3,791.15	0	4,000.09	0	4,208.49	0		0		0					
1/4	3,377.44	1/4	3,586.20	1/4	3,795.52	1/4	4,004.43	1/4	4,212.83	1/4		1/4		1/4					1/4
1/2	3,381.79	1/2	3,590.56	1/2	3,799.88	1/2	4,008.77	1/2	4,217.17	1/2		1/2		1/2					1/2
3/4	3,386.13	3/4	3,594.92	3/4	3,804.24	3/4	4,013.11	3/4	4,221.52	3/4		3/4		3/4					3/4
1	3,390.48	1	3,599.28	1	3,808.60	1	4,017.46	1	4,225.86	1		1		1					1
1/4	3,394.82	1/4	3,603.64	1/4	3,812.96	1/4	4,021.80	1/4	4,230.20	1/4		1/4		1/4					1/4
1/2	3,399.17	1/2	3,608.01	1/2	3,817.32	1/2	4,026.14	1/2	4,234.54	1/2		1/2		1/2					1/2
3/4	3,403.51	3/4	3,612.37	3/4	3,821.68	3/4	4,030.48	3/4	4,238.88	3/4		3/4		3/4					3/4
2	3,407.86	2	3,616.73	2	3,826.04	2	4,034.82	2	4,243.22	2		2		2					2
1/4	3,412.20	1/4	3,621.09	1/4	3,830.40	1/4	4,039.16	1/4	4,247.57	1/4		1/4		1/4					1/4
1/2	3,416.55	1/2	3,625.45	1/2	3,834.76	1/2	4,043.51	1/2	4,251.91	1/2		1/2		1/2					1/2
3/4	3,420.89	3/4	3,629.81	3/4	3,839.12	3/4	4,047.85	3/4	4,256.25	3/4		3/4		3/4					3/4
3	3,425.24	3	3,634.17	3	3,843.48	3	4,052.19	3	4,260.59	3		3		3					3
1/4	3,429.58	1/4	3,638.53	1/4	3,847.84	1/4	4,056.53	1/4	4,264.90	1/4		1/4		1/4					1/4
1/2	3,433.93	1/2	3,642.89	1/2	3,852.20	1/2	4,060.87	1/2	4,269.22	1/2		1/2		1/2					1/2
3/4	3,438.27	3/4	3,647.25	3/4	3,856.57	3/4	4,065.21	3/4	4,273.53	3/4		3/4		3/4					3/4
4	3,442.61	4	3,651.61	4	3,860.93	4	4,069.56	4	4,277.85	4		4		4					4
1/4	3,446.96	1/4	3,655.97	1/4	3,865.29	1/4	4,073.90	1/4	4,282.16	1/4		1/4		1/4					1/4
1/2	3,451.30	1/2	3,660.33	1/2	3,869.65	1/2	4,078.24	1/2	4,286.47	1/2		1/2		1/2					1/2
3/4	3,455.65	3/4	3,664.69	3/4	3,874.01	3/4	4,082.58	3/4	4,290.79	3/4		3/4		3/4					3/4
5	3,459.99	5	3,669.06	5	3,878.37	5	4,086.92	5	4,295.10	5		5		5					5
1/4	3,464.34	1/4	3,673.42	1/4	3,882.73	1/4	4,091.26	1/4	4,299.41	1/4		1/4		1/4					1/4
1/2	3,468.68	1/2	3,677.78	1/2	3,887.09	1/2	4,095.61	1/2	4,303.72	1/2		1/2		1/2					1/2
3/4	3,473.03	3/4	3,682.14	3/4	3,891.45	3/4	4,099.95	3/4	4,308.03	3/4		3/4		3/4					3/4
6	3,477.37	6	3,686.50	6	3,895.81	6	4,104.29	6	4,312.34	6		6		6					6
1/4	3,481.72	1/4	3,690.86	1/4	3,900.17	1/4	4,108.63	1/4	4,316.64	1/4		1/4		1/4					1/4
1/2	3,486.06	1/2	3,695.22	1/2	3,904.53	1/2	4,112.97	1/2	4,320.94	1/2		1/2		1/2					1/2
3/4	3,490.41	3/4	3,699.58	3/4	3,908.89	3/4	4,117.31	3/4	4,325.24	3/4		3/4		3/4					3/4
7	3,494.75	7	3,703.94	7	3,913.25	7	4,121.66	7	4,329.54	7		7		7					7
1/4	3,499.10	1/4	3,708.30	1/4	3,917.60	1/4	4,126.00	1/4	4,333.79	1/4		1/4		1/4					1/4
1/2	3,503.44	1/2	3,712.66	1/2	3,921.94	1/2	4,130.34	1/2	4,338.03	1/2		1/2		1/2					1/2
3/4	3,507.79	3/4	3,717.02	3/4	3,926.28	3/4	4,134.68	3/4	4,342.28	3/4		3/4		3/4					3/4
8	3,512.13	8	3,721.38	8	3,930.62	8	4,139.02	8	4,346.53	8		8		8					8
1/4	3,516.48	1/4	3,725.74	1/4	3,934.96	1/4	4,143.36	1/4	4,349.95	1/4		1/4		1/4					1/4
1/2	3,520.82	1/2	3,730.11	1/2	3,939.30	1/2	4,147.71	1/2	4,353.37	1/2		1/2		1/2					1/2
3/4	3,525.17	3/4	3,734.47	3/4	3,943.65	3/4	4,152.05	3/4	4,356.80	3/4		3/4		3/4					3/4
9	3,529.51	9	3,738.83	9	3,947.99	9	4,156.39	9	4,360.22	9		9		9					9
1/4	3,533.87	1/4	3,743.19	1/4	3,952.33	1/4	4,160.73	1/4	4,362.46	1/4		1/4		1/4					1/4
1/2	3,538.23	1/2	3,747.55	1/2	3,956.67	1/2	4,165.07	1/2	4,364.70	1/2		1/2		1/2					1/2
3/4	3,542.59	3/4	3,751.91	3/4	3,961.01	3/4	4,169.41	3/4	4,366.94	3/4		3/4		3/4					3/4
10	3,546.96	10	3,756.27	10	3,965.35	10	4,173.76	10	4,369.18	10		10		10					10
1/4	3,551.32	1/4	3,760.63	1/4	3,969.70	1/4	4,178.10	1/4	4,370.88	1/4		1/4		1/4					1/4
1/2	3,555.68	1/2	3,764.99	1/2	3,974.04	1/2	4,182.44	1/2	4,372.59	1/2		1/2		1/2					1/2
3/4	3,560.04	3/4	3,769.35	3/4	3,978.38	3/4	4,186.78	3/4	4,374.29	3/4		3/4		3/4					3/4
11	3,564.40	11	3,773.71	11	3,982.72	11	4,191.12	11	4,375.99	11		11		11					11
1/4	3,568.76	1/4	3,778.07	1/4	3,987.06	1/4	4,195.46	1/4		1/4		1/4		1/4					1/4
1/2	3,573.12	1/2	3,782.43	1/2	3,991.41	1/2	4,199.81	1/2		1/2		1/2		1/2					1/2
3/4	3,577.48	3/4	3,786.79	3/4	3,995.75	3/4	4,204.15	3/4		3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

3 STBD

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	342.18	0	684.19	0	1,025.85	0	1,367.73	0	1,709.76	0	2,051.78	0	2,393.81	0	2,735.55	0	3,076.70
1/4	19.07	1/4	349.30	1/4	691.31	1/4	1,032.96	1/4	1,374.86	1/4	1,716.88	1/4	2,058.91	1/4	2,400.93	1/4	2,742.65	1/4	3,083.80
1/2	23.52	1/2	356.43	1/2	698.44	1/2	1,040.07	1/2	1,381.99	1/2	1,724.01	1/2	2,066.03	1/2	2,408.06	1/2	2,749.76	1/2	3,090.91
3/4	27.98	3/4	363.55	3/4	705.56	3/4	1,047.18	3/4	1,389.11	3/4	1,731.13	3/4	2,073.16	3/4	2,415.18	3/4	2,756.87	3/4	3,098.02
1	32.43	1	370.68	1	712.69	1	1,054.29	1	1,396.24	1	1,738.26	1	2,080.28	1	2,422.31	1	2,763.98	1	3,105.13
1/4	38.66	1/4	377.80	1/4	719.81	1/4	1,061.40	1/4	1,403.36	1/4	1,745.39	1/4	2,087.41	1/4	2,429.43	1/4	2,771.08	1/4	3,112.23
1/2	44.89	1/2	384.93	1/2	726.94	1/2	1,068.52	1/2	1,410.49	1/2	1,752.51	1/2	2,094.54	1/2	2,436.56	1/2	2,778.19	1/2	3,119.34
3/4	51.13	3/4	392.05	3/4	734.06	3/4	1,075.63	3/4	1,417.61	3/4	1,759.64	3/4	2,101.66	3/4	2,443.68	3/4	2,785.30	3/4	3,126.45
2	57.36	2	399.18	2	741.19	2	1,082.74	2	1,424.74	2	1,766.76	2	2,108.79	2	2,450.81	2	2,792.41	2	3,133.56
1/4	64.45	1/4	406.30	1/4	748.31	1/4	1,089.86	1/4	1,431.86	1/4	1,773.89	1/4	2,115.91	1/4	2,457.94	1/4	2,799.51	1/4	3,140.65
1/2	71.54	1/2	413.43	1/2	755.44	1/2	1,096.98	1/2	1,438.99	1/2	1,781.01	1/2	2,123.04	1/2	2,465.06	1/2	2,806.62	1/2	3,147.74
3/4	78.63	3/4	420.55	3/4	762.56	3/4	1,104.10	3/4	1,446.11	3/4	1,788.14	3/4	2,130.16	3/4	2,472.19	3/4	2,813.73	3/4	3,154.83
3	85.72	3	427.68	3	769.69	3	1,111.22	3	1,453.24	3	1,795.26	3	2,137.29	3	2,479.31	3	2,820.83	3	3,161.92
1/4	92.83	1/4	434.81	1/4	776.81	1/4	1,118.34	1/4	1,460.37	1/4	1,802.39	1/4	2,144.41	1/4	2,486.44	1/4	2,827.94	1/4	3,169.01
1/2	99.95	1/2	441.93	1/2	783.94	1/2	1,125.47	1/2	1,467.49	1/2	1,809.52	1/2	2,151.54	1/2	2,493.56	1/2	2,835.05	1/2	3,176.10
3/4	107.06	3/4	449.06	3/4	791.07	3/4	1,132.59	3/4	1,474.62	3/4	1,816.64	3/4	2,158.66	3/4	2,500.69	3/4	2,842.16	3/4	3,183.19
4	114.18	4	456.18	4	798.19	4	1,139.72	4	1,481.74	4	1,823.77	4	2,165.79	4	2,507.81	4	2,849.26	4	3,190.28
1/4	121.30	1/4	463.31	1/4	805.32	1/4	1,146.84	1/4	1,488.87	1/4	1,830.89	1/4	2,172.92	1/4	2,514.94	1/4	2,856.37	1/4	3,197.37
1/2	128.42	1/2	470.43	1/2	812.44	1/2	1,153.97	1/2	1,495.99	1/2	1,838.02	1/2	2,180.04	1/2	2,522.07	1/2	2,863.48	1/2	3,204.46
3/4	135.55	3/4	477.56	3/4	819.57	3/4	1,161.09	3/4	1,503.12	3/4	1,845.14	3/4	2,187.17	3/4	2,529.19	3/4	2,870.59	3/4	3,211.54
5	142.67	5	484.68	5	826.69	5	1,168.22	5	1,510.24	5	1,852.27	5	2,194.29	5	2,536.32	5	2,877.69	5	3,218.63
1/4	149.80	1/4	491.81	1/4	833.81	1/4	1,175.35	1/4	1,517.37	1/4	1,859.39	1/4	2,201.42	1/4	2,543.44	1/4	2,884.80	1/4	3,225.72
1/2	156.92	1/2	498.93	1/2	840.93	1/2	1,182.47	1/2	1,524.50	1/2	1,866.52	1/2	2,208.54	1/2	2,550.57	1/2	2,891.91	1/2	3,232.81
3/4	164.05	3/4	506.06	3/4	848.05	3/4	1,189.60	3/4	1,531.62	3/4	1,873.64	3/4	2,215.67	3/4	2,557.70	3/4	2,899.02	3/4	3,239.90
6	171.17	6	513.18	6	855.17	6	1,196.72	6	1,538.75	6	1,880.77	6	2,222.79	6	2,564.82	6	2,906.12	6	3,246.99
1/4	178.30	1/4	520.31	1/4	862.28	1/4	1,203.85	1/4	1,545.87	1/4	1,887.90	1/4	2,229.92	1/4	2,571.95	1/4	2,913.23	1/4	3,254.08
1/2	185.42	1/2	527.43	1/2	869.40	1/2	1,210.97	1/2	1,553.00	1/2	1,895.02	1/2	2,237.05	1/2	2,579.07	1/2	2,920.34	1/2	3,261.17
3/4	192.55	3/4	534.56	3/4	876.51	3/4	1,218.10	3/4	1,560.12	3/4	1,902.15	3/4	2,244.17	3/4	2,586.20	3/4	2,927.44	3/4	3,268.26
7	199.67	7	541.68	7	883.62	7	1,225.22	7	1,567.25	7	1,909.27	7	2,251.30	7	2,593.33	7	2,934.55	7	3,275.35
1/4	206.80	1/4	548.81	1/4	890.73	1/4	1,232.35	1/4	1,574.37	1/4	1,916.40	1/4	2,258.42	1/4	2,600.45	1/4	2,941.66	1/4	3,282.44
1/2	213.92	1/2	555.93	1/2	897.84	1/2	1,239.48	1/2	1,581.50	1/2	1,923.52	1/2	2,265.55	1/2	2,607.58	1/2	2,948.77	1/2	3,289.53
3/4	221.05	3/4	563.06	3/4	904.95	3/4	1,246.60	3/4	1,588.62	3/4	1,930.65	3/4	2,272.67	3/4	2,614.70	3/4	2,955.87	3/4	3,296.62
8	228.17	8	570.18	8	912.06	8	1,253.73	8	1,595.75	8	1,937.77	8	2,279.80	8	2,621.83	8	2,962.98	8	3,303.71
1/4	235.30	1/4	577.31	1/4	919.18	1/4	1,260.85	1/4	1,602.88	1/4	1,944.90	1/4	2,286.92	1/4	2,628.94	1/4	2,970.09	1/4	3,310.80
1/2	242.42	1/2	584.43	1/2	926.29	1/2	1,267.98	1/2	1,610.00	1/2	1,952.03	1/2	2,294.05	1/2	2,636.05	1/2	2,977.20	1/2	3,317.89
3/4	249.55	3/4	591.56	3/4	933.40	3/4	1,275.10	3/4	1,617.13	3/4	1,959.15	3/4	2,301.17	3/4	2,643.15	3/4	2,984.30	3/4	3,324.98
9	256.68	9	598.68	9	940.51	9	1,282.23	9	1,624.25	9	1,966.28	9	2,308.30	9	2,650.26	9	2,991.41	9	3,332.07
1/4	263.80	1/4	605.81	1/4	947.62	1/4	1,289.35	1/4	1,631.38	1/4	1,973.40	1/4	2,315.43	1/4	2,657.37	1/4	2,998.52	1/4	3,339.16
1/2	270.93	1/2	612.94	1/2	954.73	1/2	1,296.48	1/2	1,638.50	1/2	1,980.53	1/2	2,322.55	1/2	2,664.47	1/2	3,005.62	1/2	3,346.25
3/4	278.05	3/4	620.06	3/4	961.84	3/4	1,303.60	3/4	1,645.63	3/4	1,987.65	3/4	2,329.68	3/4	2,671.58	3/4	3,012.73	3/4	3,353.34
10	285.18	10	627.19	10	968.96	10	1,310.73	10	1,652.75	10	1,994.78	10	2,336.80	10	2,678.69	10	3,019.84	10	3,360.43
1/4	292.30	1/4	634.31	1/4	976.07	1/4	1,317.86	1/4	1,659.88	1/4	2,001.90	1/4	2,343.93	1/4	2,685.80	1/4	3,026.95	1/4	3,367.52
1/2	299.43	1/2	641.44	1/2	983.18	1/2	1,324.98	1/2	1,667.01	1/2	2,009.03	1/2	2,351.05	1/2	2,692.90	1/2	3,034.05	1/2	3,369.10
3/4	306.55	3/4	648.56	3/4	990.29	3/4	1,332.11	3/4	1,674.13	3/4	2,016.15	3/4	2,358.18	3/4	2,700.01	3/4	3,041.16	3/4	3,373.44
11	313.68	11	655.69	11	997.40	11	1,339.23	11	1,681.26	11	2,023.28	11	2,365.30	11	2,707.12	11	3,048.27	11	3,377.77
1/4	320.80	1/4	662.81	1/4	1,004.51	1/4	1,346.36	1/4	1,688.38	1/4	2,030.41	1/4	2,372.43	1/4	2,714.23	1/4	3,055.38	1/4	3,382.11
1/2	327.93	1/2	669.94	1/2	1,011.62	1/2	1,353.48	1/2	1,695.51	1/2	2,037.53	1/2	2,379.56	1/2	2,721.33	1/2	3,062.48	1/2	3,386.44
3/4	335.05	3/4	677.06	3/4	1,018.74	3/4	1,360.61	3/4	1,702.63	3/4	2,044.66	3/4	2,386.68	3/4	2,728.44	3/4	3,069.59	3/4	3,390.77

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 42'-06" FORWARD OF AFT BULKHEAD.

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





BARGE "FMT 3298"

**3 STBD
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	3,395.11	0	3,604.87	0	3,814.63	0	4,024.01	0	4,232.85	0		0		0					
1/4	3,399.48	1/4	3,609.24	1/4	3,819.00	1/4	4,028.36	1/4	4,237.20	1/4		1/4		1/4					
1/2	3,403.85	1/2	3,613.61	1/2	3,823.37	1/2	4,032.71	1/2	4,241.55	1/2		1/2		1/2					
3/4	3,408.22	3/4	3,617.98	3/4	3,827.74	3/4	4,037.06	3/4	4,245.90	3/4		3/4		3/4					
1	3,412.59	1	3,622.35	1	3,832.11	1	4,041.41	1	4,250.25	1		1		1					
1/4	3,416.96	1/4	3,626.72	1/4	3,836.48	1/4	4,045.76	1/4	4,254.60	1/4		1/4		1/4					
1/2	3,421.33	1/2	3,631.09	1/2	3,840.85	1/2	4,050.11	1/2	4,258.96	1/2		1/2		1/2					
3/4	3,425.70	3/4	3,635.46	3/4	3,845.22	3/4	4,054.46	3/4	4,263.31	3/4		3/4		3/4					
2	3,430.07	2	3,639.83	2	3,849.59	2	4,058.81	2	4,267.66	2		2		2					
1/4	3,434.44	1/4	3,644.20	1/4	3,853.96	1/4	4,063.16	1/4	4,272.01	1/4		1/4		1/4					
1/2	3,438.81	1/2	3,648.57	1/2	3,858.33	1/2	4,067.52	1/2	4,276.36	1/2		1/2		1/2					
3/4	3,443.18	3/4	3,652.94	3/4	3,862.70	3/4	4,071.87	3/4	4,280.71	3/4		3/4		3/4					
3	3,447.55	3	3,657.31	3	3,867.07	3	4,076.22	3	4,285.06	3		3		3					
1/4	3,451.92	1/4	3,661.68	1/4	3,871.44	1/4	4,080.57	1/4	4,289.38	1/4		1/4		1/4					
1/2	3,456.29	1/2	3,666.05	1/2	3,875.81	1/2	4,084.92	1/2	4,293.71	1/2		1/2		1/2					
3/4	3,460.66	3/4	3,670.42	3/4	3,880.18	3/4	4,089.27	3/4	4,298.03	3/4		3/4		3/4					
4	3,465.03	4	3,674.79	4	3,884.55	4	4,093.62	4	4,302.35	4		4		4					
1/4	3,469.40	1/4	3,679.16	1/4	3,888.92	1/4	4,097.97	1/4	4,306.67	1/4		1/4		1/4					
1/2	3,473.77	1/2	3,683.53	1/2	3,893.29	1/2	4,102.32	1/2	4,311.00	1/2		1/2		1/2					
3/4	3,478.14	3/4	3,687.90	3/4	3,897.66	3/4	4,106.67	3/4	4,315.32	3/4		3/4		3/4					
5	3,482.51	5	3,692.27	5	3,902.03	5	4,111.02	5	4,319.64	5		5		5					
1/4	3,486.88	1/4	3,696.64	1/4	3,906.40	1/4	4,115.38	1/4	4,323.96	1/4		1/4		1/4					
1/2	3,491.25	1/2	3,701.01	1/2	3,910.77	1/2	4,119.73	1/2	4,328.28	1/2		1/2		1/2					
3/4	3,495.62	3/4	3,705.38	3/4	3,915.14	3/4	4,124.08	3/4	4,332.60	3/4		3/4		3/4					
6	3,499.99	6	3,709.75	6	3,919.51	6	4,128.43	6	4,336.92	6		6		6					
1/4	3,504.36	1/4	3,714.12	1/4	3,923.88	1/4	4,132.78	1/4	4,341.23	1/4		1/4		1/4					
1/2	3,508.73	1/2	3,718.49	1/2	3,928.25	1/2	4,137.13	1/2	4,345.54	1/2		1/2		1/2					
3/4	3,513.10	3/4	3,722.86	3/4	3,932.62	3/4	4,141.48	3/4	4,349.85	3/4		3/4		3/4					
7	3,517.47	7	3,727.23	7	3,936.99	7	4,145.83	7	4,354.16	7		7		7					
1/4	3,521.84	1/4	3,731.60	1/4	3,941.34	1/4	4,150.18	1/4	4,358.41	1/4		1/4		1/4					
1/2	3,526.21	1/2	3,735.97	1/2	3,945.69	1/2	4,154.53	1/2	4,362.67	1/2		1/2		1/2					
3/4	3,530.58	3/4	3,740.34	3/4	3,950.04	3/4	4,158.88	3/4	4,366.92	3/4		3/4		3/4					
8	3,534.95	8	3,744.71	8	3,954.39	8	4,163.24	8	4,371.18	8		8		8					
1/4	3,539.32	1/4	3,749.08	1/4	3,958.74	1/4	4,167.59	1/4	4,374.61	1/4		1/4		1/4					
1/2	3,543.69	1/2	3,753.45	1/2	3,963.09	1/2	4,171.94	1/2	4,378.04	1/2		1/2		1/2					
3/4	3,548.06	3/4	3,757.82	3/4	3,967.45	3/4	4,176.29	3/4	4,381.48	3/4		3/4		3/4					
9	3,552.43	9	3,762.19	9	3,971.80	9	4,180.64	9	4,384.91	9		9		9					
1/4	3,556.80	1/4	3,766.56	1/4	3,976.15	1/4	4,184.99	1/4	4,387.15	1/4		1/4		1/4					
1/2	3,561.17	1/2	3,770.93	1/2	3,980.50	1/2	4,189.34	1/2	4,389.40	1/2		1/2		1/2					
3/4	3,565.54	3/4	3,775.30	3/4	3,984.85	3/4	4,193.69	3/4	4,391.64	3/4		3/4		3/4					
10	3,569.91	10	3,779.67	10	3,989.20	10	4,198.04	10	4,393.89	10		10		10					
1/4	3,574.28	1/4	3,784.04	1/4	3,993.55	1/4	4,202.39	1/4	4,395.60	1/4		1/4		1/4					
1/2	3,578.65	1/2	3,788.41	1/2	3,997.90	1/2	4,206.74	1/2	4,397.30	1/2		1/2		1/2					
3/4	3,583.02	3/4	3,792.78	3/4	4,002.25	3/4	4,211.10	3/4	4,399.01	3/4		3/4		3/4					
11	3,587.39	11	3,797.15	11	4,006.60	11	4,215.45	11	4,400.72	11		11		11					
1/4	3,591.76	1/4	3,801.52	1/4	4,010.95	1/4	4,219.80	1/4		1/4		1/4		1/4					
1/2	3,596.13	1/2	3,805.89	1/2	4,015.31	1/2	4,224.15	1/2		1/2		1/2		1/2					
3/4	3,600.50	3/4	3,810.26	3/4	4,019.66	3/4	4,228.50	3/4		3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

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	00-0/8	- 00-0/8	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 15, 2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588

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BARGE "FMT 3298"

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	4,881.92	0	4,540.63	0	4,198.72	0	3,855.51	0	3,512.33	0	3,169.20	0	2,826.04	0	2,482.82
1/4		1/4		1/4	4,874.85	1/4	4,533.51	1/4	4,191.57	1/4	3,848.36	1/4	3,505.18	1/4	3,162.06	1/4	2,818.89	1/4	2,475.67
1/2		1/2		1/2	4,867.77	1/2	4,526.39	1/2	4,184.42	1/2	3,841.21	1/2	3,498.03	1/2	3,154.91	1/2	2,811.74	1/2	2,468.52
3/4		3/4		3/4	4,860.70	3/4	4,519.27	3/4	4,177.27	3/4	3,834.06	3/4	3,490.88	3/4	3,147.76	3/4	2,804.59	3/4	2,461.37
1		1		1	4,853.63	1	4,512.16	1	4,170.12	1	3,826.91	1	3,483.73	1	3,140.61	1	2,797.44	1	2,454.22
1/4		1/4		1/4	4,846.55	1/4	4,505.04	1/4	4,162.97	1/4	3,819.76	1/4	3,476.59	1/4	3,133.46	1/4	2,790.29	1/4	2,447.07
1/2		1/2		1/2	4,839.48	1/2	4,497.92	1/2	4,155.82	1/2	3,812.61	1/2	3,469.44	1/2	3,126.31	1/2	2,783.14	1/2	2,439.92
3/4		3/4		3/4	4,832.41	3/4	4,490.80	3/4	4,148.67	3/4	3,805.46	3/4	3,462.29	3/4	3,119.17	3/4	2,775.99	3/4	2,432.77
2		2		2	4,825.34	2	4,483.69	2	4,141.52	2	3,798.31	2	3,455.14	2	3,112.02	2	2,768.84	2	2,425.62
1/4		1/4		1/4	4,818.22	1/4	4,476.57	1/4	4,134.37	1/4	3,791.16	1/4	3,447.99	1/4	3,104.87	1/4	2,761.69	1/4	2,418.46
1/2		1/2		1/2	4,811.10	1/2	4,469.45	1/2	4,127.22	1/2	3,784.01	1/2	3,440.84	1/2	3,097.72	1/2	2,754.54	1/2	2,411.31
3/4		3/4		3/4	4,803.98	3/4	4,462.33	3/4	4,120.07	3/4	3,776.86	3/4	3,433.70	3/4	3,090.57	3/4	2,747.39	3/4	2,404.16
3		3		3	4,796.86	3	4,455.22	3	4,112.92	3	3,769.71	3	3,426.55	3	3,083.42	3	2,740.24	3	2,397.01
1/4		1/4		1/4	4,789.75	1/4	4,448.10	1/4	4,105.77	1/4	3,762.56	1/4	3,419.40	1/4	3,076.28	1/4	2,733.09	1/4	2,389.86
1/2		1/2		1/2	4,782.63	1/2	4,440.98	1/2	4,098.62	1/2	3,755.41	1/2	3,412.25	1/2	3,069.13	1/2	2,725.94	1/2	2,382.71
3/4		3/4		3/4	4,775.51	3/4	4,433.86	3/4	4,091.47	3/4	3,748.26	3/4	3,405.10	3/4	3,061.98	3/4	2,718.79	3/4	2,375.56
4		4		4	4,768.39	4	4,426.74	4	4,084.31	4	3,741.11	4	3,397.95	4	3,054.83	4	2,711.64	4	2,368.41
1/4		1/4		1/4	4,761.28	1/4	4,419.63	1/4	4,077.16	1/4	3,733.96	1/4	3,390.80	1/4	3,047.68	1/4	2,704.49	1/4	2,361.26
1/2		1/2		1/2	4,754.16	1/2	4,412.51	1/2	4,070.01	1/2	3,726.80	1/2	3,383.66	1/2	3,040.53	1/2	2,697.34	1/2	2,354.11
3/4		3/4		3/4	4,747.04	3/4	4,405.39	3/4	4,062.86	3/4	3,719.65	3/4	3,376.51	3/4	3,033.38	3/4	2,690.19	3/4	2,346.96
5		5		5	4,739.92	5	4,398.27	5	4,055.71	5	3,712.50	5	3,369.36	5	3,026.24	5	2,683.04	5	2,339.81
1/4		1/4		1/4	4,732.81	1/4	4,391.16	1/4	4,048.56	1/4	3,705.35	1/4	3,362.21	1/4	3,019.09	1/4	2,675.89	1/4	2,332.65
1/2		1/2		1/2	4,725.69	1/2	4,384.04	1/2	4,041.41	1/2	3,698.20	1/2	3,355.06	1/2	3,011.94	1/2	2,668.74	1/2	2,325.50
3/4		3/4		3/4	4,718.57	3/4	4,376.92	3/4	4,034.26	3/4	3,691.05	3/4	3,347.91	3/4	3,004.79	3/4	2,661.59	3/4	2,318.35
6		6	5,026.30	6	4,711.45	6	4,369.80	6	4,027.11	6	3,683.90	6	3,340.77	6	2,997.64	6	2,654.44	6	2,311.20
1/4		1/4	5,022.50	1/4	4,704.33	1/4	4,362.69	1/4	4,019.96	1/4	3,676.75	1/4	3,333.62	1/4	2,990.49	1/4	2,647.29	1/4	2,304.05
1/2		1/2	5,018.71	1/2	4,697.22	1/2	4,355.57	1/2	4,012.81	1/2	3,669.60	1/2	3,326.47	1/2	2,983.34	1/2	2,640.14	1/2	2,296.90
3/4		3/4	5,014.91	3/4	4,690.10	3/4	4,348.45	3/4	4,005.66	3/4	3,662.45	3/4	3,319.32	3/4	2,976.19	3/4	2,632.99	3/4	2,289.75
7		7	5,011.12	7	4,682.98	7	4,341.33	7	3,998.51	7	3,655.30	7	3,312.17	7	2,969.04	7	2,625.84	7	2,282.60
1/4		1/4	5,006.13	1/4	4,675.86	1/4	4,334.21	1/4	3,991.36	1/4	3,648.15	1/4	3,305.02	1/4	2,961.89	1/4	2,618.69	1/4	2,275.45
1/2		1/2	5,001.15	1/2	4,668.75	1/2	4,327.10	1/2	3,984.21	1/2	3,641.00	1/2	3,297.88	1/2	2,954.74	1/2	2,611.54	1/2	2,268.30
3/4		3/4	4,996.16	3/4	4,661.63	3/4	4,319.98	3/4	3,977.06	3/4	3,633.85	3/4	3,290.73	3/4	2,947.59	3/4	2,604.39	3/4	2,261.15
8		8	4,991.17	8	4,654.51	8	4,312.86	8	3,969.91	8	3,626.70	8	3,283.58	8	2,940.44	8	2,597.23	8	2,254.00
1/4		1/4	4,984.99	1/4	4,647.39	1/4	4,305.74	1/4	3,962.76	1/4	3,619.55	1/4	3,276.43	1/4	2,933.29	1/4	2,590.08	1/4	2,246.85
1/2		1/2	4,978.81	1/2	4,640.28	1/2	4,298.63	1/2	3,955.61	1/2	3,612.41	1/2	3,269.28	1/2	2,926.14	1/2	2,582.93	1/2	2,239.69
3/4		3/4	4,972.63	3/4	4,633.16	3/4	4,291.51	3/4	3,948.46	3/4	3,605.26	3/4	3,262.13	3/4	2,918.99	3/4	2,575.78	3/4	2,232.54
9		9	4,966.46	9	4,626.04	9	4,284.39	9	3,941.31	9	3,598.11	9	3,254.99	9	2,911.84	9	2,568.63	9	2,225.39
1/4		1/4	4,959.45	1/4	4,618.92	1/4	4,277.27	1/4	3,934.16	1/4	3,590.96	1/4	3,247.84	1/4	2,904.69	1/4	2,561.48	1/4	2,218.24
1/2		1/2	4,952.45	1/2	4,611.80	1/2	4,270.16	1/2	3,927.01	1/2	3,583.81	1/2	3,240.69	1/2	2,897.54	1/2	2,554.33	1/2	2,211.09
3/4		3/4	4,945.44	3/4	4,604.69	3/4	4,263.04	3/4	3,919.86	3/4	3,576.66	3/4	3,233.54	3/4	2,890.39	3/4	2,547.18	3/4	2,203.94
10		10	4,938.44	10	4,597.57	10	4,255.92	10	3,912.71	10	3,569.51	10	3,226.39	10	2,883.24	10	2,540.03	10	2,196.79
1/4		1/4	4,931.38	1/4	4,590.45	1/4	4,248.77	1/4	3,905.56	1/4	3,562.37	1/4	3,219.24	1/4	2,876.09	1/4	2,532.88	1/4	2,189.64
1/2		1/2	4,924.32	1/2	4,583.33	1/2	4,241.62	1/2	3,898.41	1/2	3,555.22	1/2	3,212.09	1/2	2,868.94	1/2	2,525.73	1/2	2,182.49
3/4		3/4	4,917.27	3/4	4,576.22	3/4	4,234.47	3/4	3,891.26	3/4	3,548.07	3/4	3,204.95	3/4	2,861.79	3/4	2,518.58	3/4	2,175.34
11		11	4,910.21	11	4,569.10	11	4,227.32	11	3,884.11	11	3,540.92	11	3,197.80	11	2,854.64	11	2,511.42	11	2,168.19
1/4		1/4	4,903.13	1/4	4,561.98	1/4	4,220.17	1/4	3,876.96	1/4	3,533.77	1/4	3,190.65	1/4	2,847.49	1/4	2,504.27	1/4	2,161.04
1/2		1/2	4,896.06	1/2	4,554.86	1/2	4,213.02	1/2	3,869.81	1/2	3,526.62	1/2	3,183.50	1/2	2,840.34	1/2	2,497.12	1/2	2,153.88
3/4		3/4	4,888.99	3/4	4,547.75	3/4	4,205.87	3/4	3,862.66	3/4	3,519.48	3/4	3,176.35	3/4	2,833.19	3/4	2,489.97	3/4	2,146.73

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
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BARGE "FMT 3298"

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	2,139.58	0	1,796.34	0	1,453.11	0	1,109.87	0	769.13	0	426.75	0	115.60	0					
1/4	2,132.43	1/4	1,789.19	1/4	1,445.96	1/4	1,102.72	1/4	762.01	1/4	419.81	1/4	109.66	1/4					
1/2	2,125.28	1/2	1,782.04	1/2	1,438.80	1/2	1,095.57	1/2	754.89	1/2	412.86	1/2	103.73	1/2					
3/4	2,118.13	3/4	1,774.89	3/4	1,431.65	3/4	1,088.42	3/4	747.78	3/4	405.92	3/4	97.79	3/4					
1	2,110.98	1	1,767.74	1	1,424.50	1	1,081.26	1	740.66	1	398.98	1	91.85	1					
1/4	2,103.83	1/4	1,760.59	1/4	1,417.35	1/4	1,074.15	1/4	733.51	1/4	392.12	1/4	86.01	1/4					
1/2	2,096.68	1/2	1,753.44	1/2	1,410.20	1/2	1,067.03	1/2	726.36	1/2	385.26	1/2	80.16	1/2					
3/4	2,089.53	3/4	1,746.29	3/4	1,403.05	3/4	1,059.92	3/4	719.21	3/4	378.41	3/4	74.32	3/4					
2	2,082.38	2	1,739.14	2	1,395.90	2	1,052.80	2	712.06	2	371.55	2	68.47	2					
1/4	2,075.23	1/4	1,731.99	1/4	1,388.75	1/4	1,045.70	1/4	704.91	1/4	364.77	1/4	62.74	1/4					
1/2	2,068.08	1/2	1,724.84	1/2	1,381.60	1/2	1,038.60	1/2	697.76	1/2	358.00	1/2	57.00	1/2					
3/4	2,060.92	3/4	1,717.69	3/4	1,374.45	3/4	1,031.50	3/4	690.61	3/4	351.22	3/4	51.26	3/4					
3	2,053.77	3	1,710.54	3	1,367.30	3	1,024.40	3	683.46	3	344.45	3	45.53	3					
1/4	2,046.62	1/4	1,703.38	1/4	1,360.15	1/4	1,017.31	1/4	676.31	1/4	337.76	1/4	40.74	1/4					
1/2	2,039.47	1/2	1,696.23	1/2	1,353.00	1/2	1,010.22	1/2	669.15	1/2	331.07	1/2	35.94	1/2					
3/4	2,032.32	3/4	1,689.08	3/4	1,345.84	3/4	1,003.13	3/4	662.00	3/4	324.38	3/4	31.15	3/4					
4	2,025.17	4	1,681.93	4	1,338.69	4	996.04	4	654.85	4	317.68	4	26.36	4					
1/4	2,018.02	1/4	1,674.78	1/4	1,331.54	1/4	988.95	1/4	647.70	1/4	311.08	1/4	23.43	1/4					
1/2	2,010.87	1/2	1,667.63	1/2	1,324.39	1/2	981.86	1/2	640.55	1/2	304.47	1/2	20.51	1/2					
3/4	2,003.72	3/4	1,660.48	3/4	1,317.24	3/4	974.77	3/4	633.40	3/4	297.86	3/4	17.59	3/4					
5	1,996.57	5	1,653.33	5	1,310.09	5	967.68	5	626.25	5	291.25	5	14.66	5					
1/4	1,989.42	1/4	1,646.18	1/4	1,302.94	1/4	960.59	1/4	619.10	1/4	284.73	1/4		1/4					
1/2	1,982.27	1/2	1,639.03	1/2	1,295.79	1/2	953.50	1/2	611.95	1/2	278.21	1/2		1/2					
3/4	1,975.11	3/4	1,631.88	3/4	1,288.64	3/4	946.41	3/4	604.80	3/4	271.68	3/4		3/4					
6	1,967.96	6	1,624.73	6	1,281.49	6	939.32	6	597.65	6	265.16	6		6					
1/4	1,960.81	1/4	1,617.57	1/4	1,274.34	1/4	932.23	1/4	590.50	1/4	258.72	1/4		1/4					
1/2	1,953.66	1/2	1,610.42	1/2	1,267.19	1/2	925.14	1/2	583.35	1/2	252.28	1/2		1/2					
3/4	1,946.51	3/4	1,603.27	3/4	1,260.03	3/4	918.05	3/4	576.20	3/4	245.84	3/4		3/4					
7	1,939.36	7	1,596.12	7	1,252.88	7	910.96	7	569.05	7	239.40	7		7					
1/4	1,932.21	1/4	1,588.97	1/4	1,245.73	1/4	903.87	1/4	561.90	1/4	233.04	1/4		1/4					
1/2	1,925.06	1/2	1,581.82	1/2	1,238.58	1/2	896.78	1/2	554.75	1/2	226.68	1/2		1/2					
3/4	1,917.91	3/4	1,574.67	3/4	1,231.43	3/4	889.69	3/4	547.60	3/4	220.33	3/4		3/4					
8	1,910.76	8	1,567.52	8	1,224.28	8	882.60	8	540.45	8	213.97	8		8					
1/4	1,903.61	1/4	1,560.37	1/4	1,217.13	1/4	875.51	1/4	533.30	1/4	207.70	1/4		1/4					
1/2	1,896.46	1/2	1,553.22	1/2	1,209.98	1/2	868.42	1/2	526.14	1/2	201.42	1/2		1/2					
3/4	1,889.31	3/4	1,546.07	3/4	1,202.83	3/4	861.33	3/4	518.99	3/4	195.15	3/4		3/4					
9	1,882.15	9	1,538.92	9	1,195.68	9	854.24	9	511.84	9	188.88	9		9					
1/4	1,875.00	1/4	1,531.77	1/4	1,188.53	1/4	847.15	1/4	504.69	1/4	182.69	1/4		1/4					
1/2	1,867.85	1/2	1,524.61	1/2	1,181.38	1/2	840.06	1/2	497.54	1/2	176.50	1/2		1/2					
3/4	1,860.70	3/4	1,517.46	3/4	1,174.23	3/4	832.97	3/4	490.39	3/4	170.31	3/4		3/4					
10	1,853.55	10	1,510.31	10	1,167.07	10	825.88	10	483.24	10	164.12	10		10					
1/4	1,846.40	1/4	1,503.16	1/4	1,159.92	1/4	818.79	1/4	476.14	1/4	158.01	1/4		1/4					
1/2	1,839.25	1/2	1,496.01	1/2	1,152.77	1/2	811.70	1/2	469.03	1/2	151.90	1/2		1/2					
3/4	1,832.10	3/4	1,488.86	3/4	1,145.62	3/4	804.61	3/4	461.93	3/4	145.80	3/4		3/4					
11	1,824.95	11	1,481.71	11	1,138.47	11	797.52	11	454.83	11	139.69	11		11					
1/4	1,817.80	1/4	1,474.56	1/4	1,131.32	1/4	790.42	1/4	447.81	1/4	133.67	1/4		1/4					
1/2	1,810.65	1/2	1,467.41	1/2	1,124.17	1/2	783.32	1/2	440.79	1/2	127.65	1/2		1/2					
3/4	1,803.50	3/4	1,460.26	3/4	1,117.02	3/4	776.22	3/4	433.77	3/4	121.62	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

1 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	4,871.92	0	4,531.49	0	4,190.45	0	3,848.10	0	3,505.78	0	3,163.52	0	2,821.22	0	2,478.87
1/4	1/4			1/4	4,864.86	1/4	4,524.39	1/4	4,183.32	1/4	3,840.97	1/4	3,498.65	1/4	3,156.39	1/4	2,814.09	1/4	2,471.74
1/2	1/2			1/2	4,857.81	1/2	4,517.29	1/2	4,176.18	1/2	3,833.83	1/2	3,491.52	1/2	3,149.26	1/2	2,806.96	1/2	2,464.60
3/4	3/4			3/4	4,850.75	3/4	4,510.19	3/4	4,169.05	3/4	3,826.70	3/4	3,484.39	3/4	3,142.13	3/4	2,799.83	3/4	2,457.47
1		1		1	4,843.70	1	4,503.09	1	4,161.92	1	3,819.57	1	3,477.26	1	3,135.00	1	2,792.70	1	2,450.34
1/4	1/4			1/4	4,836.64	1/4	4,495.99	1/4	4,154.79	1/4	3,812.44	1/4	3,470.13	1/4	3,127.87	1/4	2,785.56	1/4	2,443.21
1/2	1/2			1/2	4,829.59	1/2	4,488.89	1/2	4,147.65	1/2	3,805.30	1/2	3,463.00	1/2	3,120.74	1/2	2,778.43	1/2	2,436.07
3/4	3/4			3/4	4,822.53	3/4	4,481.79	3/4	4,140.52	3/4	3,798.17	3/4	3,455.87	3/4	3,113.61	3/4	2,771.30	3/4	2,428.94
2		2		2	4,815.47	2	4,474.69	2	4,133.39	2	3,791.04	2	3,448.74	2	3,106.48	2	2,764.17	2	2,421.81
1/4	1/4			1/4	4,808.37	1/4	4,467.59	1/4	4,126.26	1/4	3,783.91	1/4	3,441.61	1/4	3,099.35	1/4	2,757.04	1/4	2,414.67
1/2	1/2			1/2	4,801.28	1/2	4,460.49	1/2	4,119.13	1/2	3,776.77	1/2	3,434.48	1/2	3,092.22	1/2	2,749.90	1/2	2,407.54
3/4	3/4			3/4	4,794.18	3/4	4,453.39	3/4	4,111.99	3/4	3,769.64	3/4	3,427.35	3/4	3,085.09	3/4	2,742.77	3/4	2,400.41
3		3		3	4,787.08	3	4,446.30	3	4,104.86	3	3,762.51	3	3,420.22	3	3,077.96	3	2,735.64	3	2,393.28
1/4	1/4			1/4	4,779.98	1/4	4,439.20	1/4	4,097.73	1/4	3,755.38	1/4	3,413.09	1/4	3,070.83	1/4	2,728.51	1/4	2,386.14
1/2	1/2			1/2	4,772.88	1/2	4,432.10	1/2	4,090.60	1/2	3,748.25	1/2	3,405.96	1/2	3,063.70	1/2	2,721.37	1/2	2,379.01
3/4	3/4			3/4	4,765.78	3/4	4,425.00	3/4	4,083.46	3/4	3,741.11	3/4	3,398.82	3/4	3,056.57	3/4	2,714.24	3/4	2,371.88
4		4		4	4,758.68	4	4,417.90	4	4,076.33	4	3,733.98	4	3,391.69	4	3,049.44	4	2,707.11	4	2,364.75
1/4	1/4			1/4	4,751.58	1/4	4,410.80	1/4	4,069.20	1/4	3,726.85	1/4	3,384.56	1/4	3,042.31	1/4	2,699.98	1/4	2,357.61
1/2	1/2			1/2	4,744.48	1/2	4,403.70	1/2	4,062.07	1/2	3,719.72	1/2	3,377.43	1/2	3,035.18	1/2	2,692.85	1/2	2,350.48
3/4	3/4			3/4	4,737.38	3/4	4,396.60	3/4	4,054.93	3/4	3,712.58	3/4	3,370.30	3/4	3,028.05	3/4	2,685.71	3/4	2,343.35
5		5		5	4,730.28	5	4,389.50	5	4,047.80	5	3,705.45	5	3,363.17	5	3,020.92	5	2,678.58	5	2,336.22
1/4	1/4			1/4	4,723.18	1/4	4,382.40	1/4	4,040.67	1/4	3,698.32	1/4	3,356.04	1/4	3,013.79	1/4	2,671.45	1/4	2,329.08
1/2	1/2			1/2	4,716.08	1/2	4,375.30	1/2	4,033.54	1/2	3,691.19	1/2	3,348.91	1/2	3,006.66	1/2	2,664.32	1/2	2,321.95
3/4	3/4			3/4	4,708.98	3/4	4,368.20	3/4	4,026.41	3/4	3,684.05	3/4	3,341.78	3/4	2,999.53	3/4	2,657.18	3/4	2,314.82
6		6	5,015.93	6	4,701.88	6	4,361.10	6	4,019.27	6	3,676.92	6	3,334.65	6	2,992.40	6	2,650.05	6	2,307.68
1/4	1/4		5,012.14	1/4	4,694.78	1/4	4,354.00	1/4	4,012.14	1/4	3,669.79	1/4	3,327.52	1/4	2,985.27	1/4	2,642.92	1/4	2,300.55
1/2	1/2		5,008.36	1/2	4,687.68	1/2	4,346.90	1/2	4,005.01	1/2	3,662.66	1/2	3,320.39	1/2	2,978.13	1/2	2,635.79	1/2	2,293.42
3/4	3/4		5,004.57	3/4	4,680.58	3/4	4,339.80	3/4	3,997.88	3/4	3,655.53	3/4	3,313.26	3/4	2,971.00	3/4	2,628.66	3/4	2,286.29
7		7	5,000.79	7	4,673.48	7	4,332.70	7	3,990.74	7	3,648.39	7	3,306.13	7	2,963.87	7	2,621.52	7	2,279.15
1/4	1/4		4,995.81	1/4	4,666.38	1/4	4,325.60	1/4	3,983.61	1/4	3,641.26	1/4	3,299.00	1/4	2,956.74	1/4	2,614.39	1/4	2,272.02
1/2	1/2		4,990.84	1/2	4,659.28	1/2	4,318.50	1/2	3,976.48	1/2	3,634.13	1/2	3,291.87	1/2	2,949.60	1/2	2,607.26	1/2	2,264.89
3/4	3/4		4,985.86	3/4	4,652.18	3/4	4,311.40	3/4	3,969.35	3/4	3,627.00	3/4	3,284.74	3/4	2,942.47	3/4	2,600.13	3/4	2,257.76
8		8	4,980.89	8	4,645.08	8	4,304.30	8	3,962.21	8	3,619.86	8	3,277.61	8	2,935.34	8	2,592.99	8	2,250.62
1/4	1/4		4,974.73	1/4	4,637.98	1/4	4,297.20	1/4	3,955.08	1/4	3,612.73	1/4	3,270.48	1/4	2,928.21	1/4	2,585.86	1/4	2,243.49
1/2	1/2		4,968.56	1/2	4,630.88	1/2	4,290.10	1/2	3,947.95	1/2	3,605.60	1/2	3,263.35	1/2	2,921.08	1/2	2,578.73	1/2	2,236.36
3/4	3/4		4,962.40	3/4	4,623.79	3/4	4,283.00	3/4	3,940.82	3/4	3,598.47	3/4	3,256.22	3/4	2,913.94	3/4	2,571.59	3/4	2,229.22
9		9	4,956.24	9	4,616.69	9	4,275.90	9	3,933.69	9	3,591.34	9	3,249.09	9	2,906.81	9	2,564.46	9	2,222.09
1/4	1/4		4,949.25	1/4	4,609.59	1/4	4,268.81	1/4	3,926.55	1/4	3,584.21	1/4	3,241.96	1/4	2,899.68	1/4	2,557.33	1/4	2,214.96
1/2	1/2		4,942.26	1/2	4,602.49	1/2	4,261.71	1/2	3,919.42	1/2	3,577.08	1/2	3,234.83	1/2	2,892.55	1/2	2,550.20	1/2	2,207.83
3/4	3/4		4,935.28	3/4	4,595.39	3/4	4,254.61	3/4	3,912.29	3/4	3,569.95	3/4	3,227.70	3/4	2,885.41	3/4	2,543.06	3/4	2,200.69
10		10	4,928.29	10	4,588.29	10	4,247.51	10	3,905.16	10	3,562.82	10	3,220.57	10	2,878.28	10	2,535.93	10	2,193.56
1/4	1/4		4,921.25	1/4	4,581.19	1/4	4,240.37	1/4	3,898.02	1/4	3,555.69	1/4	3,213.44	1/4	2,871.15	1/4	2,528.80	1/4	2,186.43
1/2	1/2		4,914.21	1/2	4,574.09	1/2	4,233.24	1/2	3,890.89	1/2	3,548.56	1/2	3,206.31	1/2	2,864.02	1/2	2,521.67	1/2	2,179.30
3/4	3/4		4,907.17	3/4	4,566.99	3/4	4,226.11	3/4	3,883.76	3/4	3,541.43	3/4	3,199.18	3/4	2,856.89	3/4	2,514.53	3/4	2,172.16
11		11	4,900.13	11	4,559.89	11	4,218.98	11	3,876.63	11	3,534.30	11	3,192.05	11	2,849.75	11	2,507.40	11	2,165.03
1/4	1/4		4,893.08	1/4	4,552.79	1/4	4,211.84	1/4	3,869.49	1/4	3,527.17	1/4	3,184.92	1/4	2,842.62	1/4	2,500.27	1/4	2,157.90
1/2	1/2		4,886.02	1/2	4,545.69	1/2	4,204.71	1/2	3,862.36	1/2	3,520.04	1/2	3,177.79	1/2	2,835.49	1/2	2,493.13	1/2	2,150.77
3/4	3/4		4,878.97	3/4	4,538.59	3/4	4,197.58	3/4	3,855.23	3/4	3,512.91	3/4	3,170.66	3/4	2,828.36	3/4	2,486.00	3/4	2,143.63

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 "FMT 3298"

1 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	2,136.50	0	1,794.13	0	1,451.76	0	1,109.39	0	767.31	0	425.62	0	115.29	0					
1/4	2,129.37	1/4	1,787.00	1/4	1,444.63	1/4	1,102.26	1/4	760.18	1/4	418.70	1/4	109.37	1/4					
1/2	2,122.23	1/2	1,779.86	1/2	1,437.50	1/2	1,095.13	1/2	753.04	1/2	411.77	1/2	103.45	1/2					
3/4	2,115.10	3/4	1,772.73	3/4	1,430.36	3/4	1,087.99	3/4	745.91	3/4	404.85	3/4	97.52	3/4					
1	2,107.97	1	1,765.60	1	1,423.23	1	1,080.86	1	738.78	1	397.93	1	91.60	1					
1/4	2,100.84	1/4	1,758.47	1/4	1,416.10	1/4	1,073.73	1/4	731.65	1/4	391.08	1/4	85.77	1/4					
1/2	2,093.70	1/2	1,751.33	1/2	1,408.96	1/2	1,066.59	1/2	724.52	1/2	384.24	1/2	79.94	1/2					
3/4	2,086.57	3/4	1,744.20	3/4	1,401.83	3/4	1,059.46	3/4	717.38	3/4	377.40	3/4	74.11	3/4					
2	2,079.44	2	1,737.07	2	1,394.70	2	1,052.33	2	710.25	2	370.56	2	68.29	2					
1/4	2,072.31	1/4	1,729.94	1/4	1,387.57	1/4	1,045.20	1/4	703.12	1/4	363.81	1/4	62.57	1/4					
1/2	2,065.17	1/2	1,722.80	1/2	1,380.43	1/2	1,038.07	1/2	695.99	1/2	357.05	1/2	56.85	1/2					
3/4	2,058.04	3/4	1,715.67	3/4	1,373.30	3/4	1,030.93	3/4	688.85	3/4	350.29	3/4	51.12	3/4					
3	2,050.91	3	1,708.54	3	1,366.17	3	1,023.80	3	681.72	3	343.53	3	45.40	3					
1/4	2,043.77	1/4	1,701.40	1/4	1,359.04	1/4	1,016.68	1/4	674.59	1/4	336.86	1/4	40.62	1/4					
1/2	2,036.64	1/2	1,694.27	1/2	1,351.90	1/2	1,009.55	1/2	667.46	1/2	330.19	1/2	35.84	1/2					
3/4	2,029.51	3/4	1,687.14	3/4	1,344.77	3/4	1,002.43	3/4	660.32	3/4	323.51	3/4	31.06	3/4					
4	2,022.38	4	1,680.01	4	1,337.64	4	995.31	4	653.19	4	316.84	4	26.28	4					
1/4	2,015.24	1/4	1,672.87	1/4	1,330.50	1/4	988.18	1/4	646.06	1/4	310.25	1/4	23.37	1/4					
1/2	2,008.11	1/2	1,665.74	1/2	1,323.37	1/2	981.06	1/2	638.93	1/2	303.66	1/2	20.46	1/2					
3/4	2,000.98	3/4	1,658.61	3/4	1,316.24	3/4	973.93	3/4	631.79	3/4	297.07	3/4	17.54	3/4					
5	1,993.85	5	1,651.48	5	1,309.11	5	966.81	5	624.66	5	290.48	5	14.63	5					
1/4	1,986.71	1/4	1,644.34	1/4	1,301.97	1/4	959.69	1/4	617.53	1/4	283.97	1/4		1/4					
1/2	1,979.58	1/2	1,637.21	1/2	1,294.84	1/2	952.56	1/2	610.40	1/2	277.46	1/2		1/2					
3/4	1,972.45	3/4	1,630.08	3/4	1,287.71	3/4	945.44	3/4	603.26	3/4	270.96	3/4		3/4					
6	1,965.31	6	1,622.95	6	1,280.58	6	938.31	6	596.13	6	264.45	6		6					
1/4	1,958.18	1/4	1,615.81	1/4	1,273.44	1/4	931.19	1/4	589.00	1/4	258.03	1/4		1/4					
1/2	1,951.05	1/2	1,608.68	1/2	1,266.31	1/2	924.07	1/2	581.87	1/2	251.60	1/2		1/2					
3/4	1,943.92	3/4	1,601.55	3/4	1,259.18	3/4	916.94	3/4	574.73	3/4	245.18	3/4		3/4					
7	1,936.78	7	1,594.41	7	1,252.04	7	909.82	7	567.60	7	238.76	7		7					
1/4	1,929.65	1/4	1,587.28	1/4	1,244.91	1/4	902.69	1/4	560.47	1/4	232.42	1/4		1/4					
1/2	1,922.52	1/2	1,580.15	1/2	1,237.78	1/2	895.57	1/2	553.34	1/2	226.08	1/2		1/2					
3/4	1,915.39	3/4	1,573.02	3/4	1,230.65	3/4	888.45	3/4	546.21	3/4	219.74	3/4		3/4					
8	1,908.25	8	1,565.88	8	1,223.51	8	881.32	8	539.07	8	213.40	8		8					
1/4	1,901.12	1/4	1,558.75	1/4	1,216.38	1/4	874.20	1/4	531.94	1/4	207.14	1/4		1/4					
1/2	1,893.99	1/2	1,551.62	1/2	1,209.25	1/2	867.08	1/2	524.81	1/2	200.88	1/2		1/2					
3/4	1,886.86	3/4	1,544.49	3/4	1,202.12	3/4	859.95	3/4	517.68	3/4	194.63	3/4		3/4					
9	1,879.72	9	1,537.35	9	1,194.98	9	852.83	9	510.54	9	188.37	9		9					
1/4	1,872.59	1/4	1,530.22	1/4	1,187.85	1/4	845.71	1/4	503.41	1/4	182.20	1/4		1/4					
1/2	1,865.46	1/2	1,523.09	1/2	1,180.72	1/2	838.58	1/2	496.28	1/2	176.02	1/2		1/2					
3/4	1,858.32	3/4	1,515.95	3/4	1,173.59	3/4	831.46	3/4	489.15	3/4	169.85	3/4		3/4					
10	1,851.19	10	1,508.82	10	1,166.45	10	824.33	10	482.01	10	163.67	10		10					
1/4	1,844.06	1/4	1,501.69	1/4	1,159.32	1/4	817.21	1/4	474.92	1/4	157.59	1/4		1/4					
1/2	1,836.93	1/2	1,494.56	1/2	1,152.19	1/2	810.09	1/2	467.83	1/2	151.50	1/2		1/2					
3/4	1,829.79	3/4	1,487.42	3/4	1,145.05	3/4	802.96	3/4	460.74	3/4	145.41	3/4		3/4					
11	1,822.66	11	1,480.29	11	1,137.92	11	795.84	11	453.65	11	139.32	11		11					
1/4	1,815.53	1/4	1,473.16	1/4	1,130.79	1/4	788.71	1/4	446.64	1/4	133.31	1/4		1/4					
1/2	1,808.40	1/2	1,466.03	1/2	1,123.66	1/2	781.57	1/2	439.64	1/2	127.30	1/2		1/2					
3/4	1,801.26	3/4	1,458.89	3/4	1,116.52	3/4	774.44	3/4	432.63	3/4	121.30	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

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	4,929.02	0	4,587.88	0	4,246.13	0	3,903.08	0	3,560.03	0	3,216.98	0	2,873.77	0	2,530.72		
1/4	1/4	1/4	1/4	1/4	4,921.95	1/4	4,580.77	1/4	4,238.98	1/4	3,895.93	1/4	3,552.88	1/4	3,209.83	1/4	2,866.72	1/4	2,523.57		
1/2	1/2	1/2	1/2	1/2	4,914.88	1/2	4,573.65	1/2	4,231.84	1/2	3,888.79	1/2	3,545.73	1/2	3,202.68	1/2	2,859.58	1/2	2,516.42		
3/4	3/4	3/4	3/4	3/4	4,907.81	3/4	4,566.54	3/4	4,224.69	3/4	3,881.64	3/4	3,538.59	3/4	3,195.54	3/4	2,852.43	3/4	2,509.27		
1		1		1	4,900.74	1	4,559.42	1	4,217.54	1	3,874.49	1	3,531.44	1	3,188.39	1	2,845.28	1	2,502.12		
1/4	1/4	1/4	1/4	1/4	4,893.67	1/4	4,552.31	1/4	4,210.40	1/4	3,867.35	1/4	3,524.29	1/4	3,181.24	1/4	2,838.13	1/4	2,494.97		
1/2	1/2	1/2	1/2	1/2	4,886.60	1/2	4,545.20	1/2	4,203.25	1/2	3,860.20	1/2	3,517.15	1/2	3,174.10	1/2	2,830.98	1/2	2,487.82		
3/4	3/4	3/4	3/4	3/4	4,879.53	3/4	4,538.08	3/4	4,196.10	3/4	3,853.05	3/4	3,510.00	3/4	3,166.95	3/4	2,823.83	3/4	2,480.67		
2		2		2	4,872.46	2	4,530.97	2	4,188.96	2	3,845.90	2	3,502.85	2	3,159.80	2	2,816.68	2	2,473.52		
1/4	1/4	1/4	1/4	1/4	4,865.34	1/4	4,523.85	1/4	4,181.81	1/4	3,838.76	1/4	3,495.71	1/4	3,152.66	1/4	2,809.53	1/4	2,466.37		
1/2	1/2	1/2	1/2	1/2	4,858.23	1/2	4,516.74	1/2	4,174.66	1/2	3,831.61	1/2	3,488.56	1/2	3,145.51	1/2	2,802.38	1/2	2,459.23		
3/4	3/4	3/4	3/4	3/4	4,851.12	3/4	4,509.62	3/4	4,167.52	3/4	3,824.46	3/4	3,481.41	3/4	3,138.36	3/4	2,795.23	3/4	2,452.08		
3		3		3	4,844.00	3	4,502.51	3	4,160.37	3	3,817.32	3	3,474.27	3	3,131.21	3	2,788.08	3	2,444.93		
1/4	1/4	1/4	1/4	1/4	4,836.89	1/4	4,495.40	1/4	4,153.22	1/4	3,810.17	1/4	3,467.12	1/4	3,124.07	1/4	2,780.94	1/4	2,437.78		
1/2	1/2	1/2	1/2	1/2	4,829.77	1/2	4,488.28	1/2	4,146.07	1/2	3,803.02	1/2	3,459.97	1/2	3,116.92	1/2	2,773.79	1/2	2,430.63		
3/4	3/4	3/4	3/4	3/4	4,822.66	3/4	4,481.17	3/4	4,138.93	3/4	3,795.88	3/4	3,452.83	3/4	3,109.77	3/4	2,766.64	3/4	2,423.48		
4		4		4	4,815.54	4	4,474.05	4	4,131.78	4	3,788.73	4	3,445.68	4	3,102.63	4	2,759.49	4	2,416.33		
1/4	1/4	1/4	1/4	1/4	4,808.43	1/4	4,466.94	1/4	4,124.63	1/4	3,781.58	1/4	3,438.53	1/4	3,095.48	1/4	2,752.34	1/4	2,409.18		
1/2	1/2	1/2	1/2	1/2	4,801.31	1/2	4,459.82	1/2	4,117.49	1/2	3,774.44	1/2	3,431.38	1/2	3,088.33	1/2	2,745.19	1/2	2,402.03		
3/4	3/4	3/4	3/4	3/4	4,794.20	3/4	4,452.71	3/4	4,110.34	3/4	3,767.29	3/4	3,424.24	3/4	3,081.19	3/4	2,738.04	3/4	2,394.88		
5		5		5	4,787.09	5	4,445.59	5	4,103.19	5	3,760.14	5	3,417.09	5	3,074.04	5	2,730.89	5	2,387.73		
1/4	1/4	1/4	1/4	1/4	4,779.97	1/4	4,438.48	1/4	4,096.05	1/4	3,753.00	1/4	3,409.94	1/4	3,066.89	1/4	2,723.74	1/4	2,380.59		
1/2	1/2	1/2	1/2	1/2	4,772.86	1/2	4,431.37	1/2	4,088.90	1/2	3,745.85	1/2	3,402.80	1/2	3,059.75	1/2	2,716.59	1/2	2,373.44		
3/4	3/4	3/4	3/4	3/4	4,765.74	3/4	4,424.25	3/4	4,081.75	3/4	3,738.70	3/4	3,395.65	3/4	3,052.60	3/4	2,709.44	3/4	2,366.29		
6		6		6	5,073.32	6	4,758.63	6	4,417.14	6	4,074.61	6	3,731.55	6	3,388.50	6	3,045.45	6	2,702.30	6	2,359.14
1/4	1/4	1/4	1/4	1/4	5,069.53	1/4	4,751.51	1/4	4,410.02	1/4	4,067.46	1/4	3,724.41	1/4	3,381.36	1/4	3,038.30	1/4	2,695.15	1/4	2,351.99
1/2	1/2	1/2	1/2	1/2	5,065.73	1/2	4,744.40	1/2	4,402.91	1/2	4,060.31	1/2	3,717.26	1/2	3,374.21	1/2	3,031.15	1/2	2,688.00	1/2	2,344.84
3/4	3/4	3/4	3/4	3/4	5,061.94	3/4	4,737.28	3/4	4,395.79	3/4	4,053.16	3/4	3,710.11	3/4	3,367.06	3/4	3,024.00	3/4	2,680.85	3/4	2,337.69
7		7		7	5,058.15	7	4,730.17	7	4,388.68	7	4,046.02	7	3,702.97	7	3,359.92	7	3,016.86	7	2,673.70	7	2,330.54
1/4	1/4	1/4	1/4	1/4	5,053.16	1/4	4,723.06	1/4	4,381.56	1/4	4,038.87	1/4	3,695.82	1/4	3,352.77	1/4	3,009.71	1/4	2,666.55	1/4	2,323.39
1/2	1/2	1/2	1/2	1/2	5,048.18	1/2	4,715.94	1/2	4,374.45	1/2	4,031.72	1/2	3,688.67	1/2	3,345.62	1/2	3,002.56	1/2	2,659.40	1/2	2,316.24
3/4	3/4	3/4	3/4	3/4	5,043.19	3/4	4,708.83	3/4	4,367.34	3/4	4,024.58	3/4	3,681.53	3/4	3,338.47	3/4	2,995.41	3/4	2,652.25	3/4	2,309.09
8		8		8	5,038.21	8	4,701.71	8	4,360.22	8	4,017.43	8	3,674.38	8	3,331.33	8	2,988.26	8	2,645.10	8	2,301.95
1/4	1/4	1/4	1/4	1/4	5,032.03	1/4	4,694.60	1/4	4,353.11	1/4	4,010.28	1/4	3,667.23	1/4	3,324.18	1/4	2,981.11	1/4	2,637.95	1/4	2,294.80
1/2	1/2	1/2	1/2	1/2	5,025.86	1/2	4,687.48	1/2	4,345.99	1/2	4,003.14	1/2	3,660.09	1/2	3,317.03	1/2	2,973.96	1/2	2,630.80	1/2	2,287.65
3/4	3/4	3/4	3/4	3/4	5,019.68	3/4	4,680.37	3/4	4,338.88	3/4	3,995.99	3/4	3,652.94	3/4	3,309.89	3/4	2,966.81	3/4	2,623.66	3/4	2,280.50
9		9		9	5,013.51	9	4,673.26	9	4,331.76	9	3,988.84	9	3,645.79	9	3,302.74	9	2,959.66	9	2,616.51	9	2,273.35
1/4	1/4	1/4	1/4	1/4	5,006.51	1/4	4,666.14	1/4	4,324.65	1/4	3,981.70	1/4	3,638.64	1/4	3,295.59	1/4	2,952.51	1/4	2,609.36	1/4	2,266.20
1/2	1/2	1/2	1/2	1/2	4,999.51	1/2	4,659.03	1/2	4,317.54	1/2	3,974.55	1/2	3,631.50	1/2	3,288.45	1/2	2,945.36	1/2	2,602.21	1/2	2,259.05
3/4	3/4	3/4	3/4	3/4	4,992.50	3/4	4,651.91	3/4	4,310.42	3/4	3,967.40	3/4	3,624.35	3/4	3,281.30	3/4	2,938.22	3/4	2,595.06	3/4	2,251.90
10		10		10	4,985.50	10	4,644.80	10	4,303.31	10	3,960.26	10	3,617.20	10	3,274.15	10	2,931.07	10	2,587.91	10	2,244.75
1/4	1/4	1/4	1/4	1/4	4,978.45	1/4	4,637.68	1/4	4,296.16	1/4	3,953.11	1/4	3,610.06	1/4	3,267.01	1/4	2,923.92	1/4	2,580.76	1/4	2,237.60
1/2	1/2	1/2	1/2	1/2	4,971.39	1/2	4,630.57	1/2	4,289.01	1/2	3,945.96	1/2	3,602.91	1/2	3,259.86	1/2	2,916.77	1/2	2,573.61	1/2	2,230.45
3/4	3/4	3/4	3/4	3/4	4,964.34	3/4	4,623.45	3/4	4,281.87	3/4	3,938.81	3/4	3,595.76	3/4	3,252.71	3/4	2,909.62	3/4	2,566.46	3/4	2,223.31
11		11		11	4,957.28	11	4,616.34	11	4,274.72	11	3,931.67	11	3,588.62	11	3,245.57	11	2,902.47	11	2,559.31	11	2,216.16
1/4	1/4	1/4	1/4	1/4	4,950.22	1/4	4,609.23	1/4	4,267.57	1/4	3,924.52	1/4	3,581.47	1/4	3,238.42	1/4	2,895.32	1/4	2,552.16	1/4	2,209.01
1/2	1/2	1/2	1/2	1/2	4,943.15	1/2	4,602.11	1/2	4,260.42	1/2	3,917.37	1/2	3,574.32	1/2	3,231.27	1/2	2,888.17	1/2	2,545.01	1/2	2,201.86
3/4	3/4	3/4	3/4	3/4	4,936.08	3/4	4,595.00	3/4	4,253.28	3/4	3,910.23	3/4	3,567.18	3/4	3,224.12	3/4	2,881.02	3/4	2,537.87	3/4	2,194.71

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 "FMT 3298"

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	2,187.56	0	1,844.40	0	1,501.25	0	1,158.09	0	828.30	0	486.29	0	143.15	0					
1/4	2,180.41	1/4	1,837.25	1/4	1,494.10	1/4	1,150.94	1/4	821.44	1/4	479.14	1/4	136.00	1/4					
1/2	2,173.26	1/2	1,830.10	1/2	1,486.95	1/2	1,143.79	1/2	814.57	1/2	471.99	1/2	128.85	1/2					
3/4	2,166.11	3/4	1,822.96	3/4	1,479.80	3/4	1,136.64	3/4	807.70	3/4	464.84	3/4	121.70	3/4					
1	2,158.96	1	1,815.81	1	1,472.65	1	1,129.49	1	800.84	1	457.69	1	114.56	1					
1/4	2,151.81	1/4	1,808.66	1/4	1,465.50	1/4	1,122.63	1/4	793.69	1/4	450.54	1/4	107.42	1/4					
1/2	2,144.67	1/2	1,801.51	1/2	1,458.35	1/2	1,115.76	1/2	786.54	1/2	443.40	1/2	100.28	1/2					
3/4	2,137.52	3/4	1,794.36	3/4	1,451.20	3/4	1,108.89	3/4	779.39	3/4	436.25	3/4	93.14	3/4					
2	2,130.37	2	1,787.21	2	1,444.05	2	1,102.03	2	772.24	2	429.10	2	86.00	2					
1/4	2,123.22	1/4	1,780.06	1/4	1,436.90	1/4	1,095.18	1/4	765.09	1/4	421.95	1/4	78.89	1/4					
1/2	2,116.07	1/2	1,772.91	1/2	1,429.76	1/2	1,088.33	1/2	757.94	1/2	414.80	1/2	71.78	1/2					
3/4	2,108.92	3/4	1,765.76	3/4	1,422.61	3/4	1,081.48	3/4	750.79	3/4	407.65	3/4	64.67	3/4					
3	2,101.77	3	1,758.61	3	1,415.46	3	1,074.63	3	743.65	3	400.50	3	57.55	3					
1/4	2,094.62	1/4	1,751.46	1/4	1,408.31	1/4	1,067.79	1/4	736.50	1/4	393.35	1/4	51.30	1/4					
1/2	2,087.47	1/2	1,744.32	1/2	1,401.16	1/2	1,060.94	1/2	729.35	1/2	386.21	1/2	45.05	1/2					
3/4	2,080.32	3/4	1,737.17	3/4	1,394.01	3/4	1,054.10	3/4	722.20	3/4	379.06	3/4	38.79	3/4					
4	2,073.17	4	1,730.02	4	1,386.86	4	1,047.26	4	715.05	4	371.91	4	32.54	4					
1/4	2,066.03	1/4	1,722.87	1/4	1,379.71	1/4	1,040.42	1/4	707.90	1/4	364.76	1/4	28.07	1/4					
1/2	2,058.88	1/2	1,715.72	1/2	1,372.56	1/2	1,033.58	1/2	700.75	1/2	357.61	1/2	23.60	1/2					
3/4	2,051.73	3/4	1,708.57	3/4	1,365.41	3/4	1,026.74	3/4	693.60	3/4	350.46	3/4	19.13	3/4					
5	2,044.58	5	1,701.42	5	1,358.26	5	1,019.89	5	686.45	5	343.31	5	14.67	5					
1/4	2,037.43	1/4	1,694.27	1/4	1,351.12	1/4	1,013.05	1/4	679.31	1/4	336.16	1/4		1/4					
1/2	2,030.28	1/2	1,687.12	1/2	1,343.97	1/2	1,006.21	1/2	672.16	1/2	329.01	1/2		1/2					
3/4	2,023.13	3/4	1,679.97	3/4	1,336.82	3/4	999.37	3/4	665.01	3/4	321.87	3/4		3/4					
6	2,015.98	6	1,672.82	6	1,329.67	6	992.53	6	657.86	6	314.72	6		6					
1/4	2,008.83	1/4	1,665.68	1/4	1,322.52	1/4	985.69	1/4	650.71	1/4	307.57	1/4		1/4					
1/2	2,001.68	1/2	1,658.53	1/2	1,315.37	1/2	978.84	1/2	643.56	1/2	300.42	1/2		1/2					
3/4	1,994.53	3/4	1,651.38	3/4	1,308.22	3/4	972.00	3/4	636.41	3/4	293.27	3/4		3/4					
7	1,987.39	7	1,644.23	7	1,301.07	7	965.16	7	629.26	7	286.12	7		7					
1/4	1,980.24	1/4	1,637.08	1/4	1,293.92	1/4	958.32	1/4	622.12	1/4	278.97	1/4		1/4					
1/2	1,973.09	1/2	1,629.93	1/2	1,286.77	1/2	951.48	1/2	614.97	1/2	271.82	1/2		1/2					
3/4	1,965.94	3/4	1,622.78	3/4	1,279.62	3/4	944.64	3/4	607.82	3/4	264.68	3/4		3/4					
8	1,958.79	8	1,615.63	8	1,272.48	8	937.80	8	600.67	8	257.53	8		8					
1/4	1,951.64	1/4	1,608.48	1/4	1,265.33	1/4	930.95	1/4	593.52	1/4	250.38	1/4		1/4					
1/2	1,944.49	1/2	1,601.33	1/2	1,258.18	1/2	924.11	1/2	586.37	1/2	243.23	1/2		1/2					
3/4	1,937.34	3/4	1,594.18	3/4	1,251.03	3/4	917.27	3/4	579.22	3/4	236.08	3/4		3/4					
9	1,930.19	9	1,587.04	9	1,243.88	9	910.43	9	572.07	9	228.93	9		9					
1/4	1,923.04	1/4	1,579.89	1/4	1,236.73	1/4	903.59	1/4	564.93	1/4	221.78	1/4		1/4					
1/2	1,915.89	1/2	1,572.74	1/2	1,229.58	1/2	896.75	1/2	557.78	1/2	214.63	1/2		1/2					
3/4	1,908.75	3/4	1,565.59	3/4	1,222.43	3/4	889.91	3/4	550.63	3/4	207.49	3/4		3/4					
10	1,901.60	10	1,558.44	10	1,215.28	10	883.06	10	543.48	10	200.34	10		10					
1/4	1,894.45	1/4	1,551.29	1/4	1,208.13	1/4	876.22	1/4	536.33	1/4	193.19	1/4		1/4					
1/2	1,887.30	1/2	1,544.14	1/2	1,200.98	1/2	869.38	1/2	529.18	1/2	186.04	1/2		1/2					
3/4	1,880.15	3/4	1,536.99	3/4	1,193.84	3/4	862.54	3/4	522.03	3/4	178.89	3/4		3/4					
11	1,873.00	11	1,529.84	11	1,186.69	11	855.70	11	514.88	11	171.74	11		11					
1/4	1,865.85	1/4	1,522.69	1/4	1,179.54	1/4	848.85	1/4	507.73	1/4	164.59	1/4		1/4					
1/2	1,858.70	1/2	1,515.54	1/2	1,172.39	1/2	842.00	1/2	500.59	1/2	157.44	1/2		1/2					
3/4	1,851.55	3/4	1,508.40	3/4	1,165.24	3/4	835.15	3/4	493.44	3/4	150.29	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

2 STBD ULLAGE 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		0		0	4,958.53	0	4,616.79	0	4,274.42	0	3,930.71	0	3,587.03	0	3,243.42	0	2,899.76	0	2,556.04
1/4	1/4	1/4	1/4	1/4	4,951.45	1/4	4,609.67	1/4	4,267.26	1/4	3,923.55	1/4	3,579.87	1/4	3,236.26	1/4	2,892.60	1/4	2,548.88
1/2	1/2	1/2	1/2	1/2	4,944.37	1/2	4,602.54	1/2	4,260.10	1/2	3,916.39	1/2	3,572.71	1/2	3,229.10	1/2	2,885.44	1/2	2,541.72
3/4	3/4	3/4	3/4	3/4	4,937.28	3/4	4,595.41	3/4	4,252.94	3/4	3,909.22	3/4	3,565.55	3/4	3,221.94	3/4	2,878.27	3/4	2,534.56
1		1		1	4,930.20	1	4,588.28	1	4,245.78	1	3,902.06	1	3,558.39	1	3,214.78	1	2,871.11	1	2,527.40
1/4	1/4	1/4	1/4	1/4	4,923.12	1/4	4,581.15	1/4	4,238.62	1/4	3,894.90	1/4	3,551.23	1/4	3,207.63	1/4	2,863.95	1/4	2,520.23
1/2	1/2	1/2	1/2	1/2	4,916.03	1/2	4,574.03	1/2	4,231.46	1/2	3,887.74	1/2	3,544.08	1/2	3,200.47	1/2	2,856.79	1/2	2,513.07
3/4	3/4	3/4	3/4	3/4	4,908.95	3/4	4,566.90	3/4	4,224.30	3/4	3,880.58	3/4	3,536.92	3/4	3,193.31	3/4	2,849.63	3/4	2,505.91
2		2		2	4,901.87	2	4,559.77	2	4,217.13	2	3,873.42	2	3,529.76	2	3,186.15	2	2,842.47	2	2,498.75
1/4	1/4	1/4	1/4	1/4	4,894.79	1/4	4,552.64	1/4	4,209.97	1/4	3,866.26	1/4	3,522.60	1/4	3,178.99	1/4	2,835.31	1/4	2,491.59
1/2	1/2	1/2	1/2	1/2	4,887.66	1/2	4,545.51	1/2	4,202.81	1/2	3,859.10	1/2	3,515.44	1/2	3,171.83	1/2	2,828.15	1/2	2,484.43
3/4	3/4	3/4	3/4	3/4	4,880.53	3/4	4,538.39	3/4	4,195.65	3/4	3,851.94	3/4	3,508.28	3/4	3,164.67	3/4	2,820.99	3/4	2,477.27
3		3		3	4,873.40	3	4,531.26	3	4,188.49	3	3,844.78	3	3,501.12	3	3,157.52	3	2,813.83	3	2,470.11
1/4	1/4	1/4	1/4	1/4	4,866.27	1/4	4,524.13	1/4	4,181.33	1/4	3,837.62	1/4	3,493.97	1/4	3,150.36	1/4	2,806.67	1/4	2,462.95
1/2	1/2	1/2	1/2	1/2	4,859.15	1/2	4,517.00	1/2	4,174.17	1/2	3,830.46	1/2	3,486.81	1/2	3,143.20	1/2	2,799.51	1/2	2,455.79
3/4	3/4	3/4	3/4	3/4	4,852.02	3/4	4,509.87	3/4	4,167.01	3/4	3,823.30	3/4	3,479.65	3/4	3,136.04	3/4	2,792.35	3/4	2,448.63
4		4		4	4,844.89	4	4,502.75	4	4,159.85	4	3,816.14	4	3,472.49	4	3,128.88	4	2,785.18	4	2,441.47
1/4	1/4	1/4	1/4	1/4	4,837.76	1/4	4,495.62	1/4	4,152.69	1/4	3,808.97	1/4	3,465.33	1/4	3,121.72	1/4	2,778.02	1/4	2,434.31
1/2	1/2	1/2	1/2	1/2	4,830.63	1/2	4,488.49	1/2	4,145.53	1/2	3,801.81	1/2	3,458.17	1/2	3,114.57	1/2	2,770.86	1/2	2,427.14
3/4	3/4	3/4	3/4	3/4	4,823.51	3/4	4,481.36	3/4	4,138.37	3/4	3,794.65	3/4	3,451.01	3/4	3,107.41	3/4	2,763.70	3/4	2,419.98
5		5		5	4,816.38	5	4,474.23	5	4,131.21	5	3,787.49	5	3,443.86	5	3,100.25	5	2,756.54	5	2,412.82
1/4	1/4	1/4	1/4	1/4	4,809.25	1/4	4,467.11	1/4	4,124.05	1/4	3,780.33	1/4	3,436.70	1/4	3,093.09	1/4	2,749.38	1/4	2,405.66
1/2	1/2	1/2	1/2	1/2	4,802.12	1/2	4,459.98	1/2	4,116.88	1/2	3,773.17	1/2	3,429.54	1/2	3,085.93	1/2	2,742.22	1/2	2,398.50
3/4	3/4	3/4	3/4	3/4	4,794.99	3/4	4,452.85	3/4	4,109.72	3/4	3,766.01	3/4	3,422.38	3/4	3,078.77	3/4	2,735.06	3/4	2,391.34
6		6		6	4,787.87	6	4,445.72	6	4,102.56	6	3,758.85	6	3,415.22	6	3,071.61	6	2,727.90	6	2,384.18
1/4	1/4	5,096.04	1/4	4,780.74	1/4	4,438.59	1/4	4,095.40	1/4	3,751.69	1/4	3,408.06	1/4	3,064.46	1/4	2,720.74	1/4	2,377.02	
1/2	1/2	5,092.24	1/2	4,773.61	1/2	4,431.47	1/2	4,088.24	1/2	3,744.53	1/2	3,400.91	1/2	3,057.29	1/2	2,713.58	1/2	2,369.86	
3/4	3/4	5,088.44	3/4	4,766.48	3/4	4,424.34	3/4	4,081.08	3/4	3,737.37	3/4	3,393.75	3/4	3,050.13	3/4	2,706.42	3/4	2,362.70	
7		5,084.64	7	4,759.35	7	4,417.21	7	4,073.92	7	3,730.21	7	3,386.59	7	3,042.97	7	2,699.25	7	2,355.54	
1/4	1/4	5,080.84	1/4	4,752.23	1/4	4,410.08	1/4	4,066.76	1/4	3,723.05	1/4	3,379.43	1/4	3,035.81	1/4	2,692.09	1/4	2,348.38	
1/2	1/2	5,075.84	1/2	4,745.10	1/2	4,402.95	1/2	4,059.60	1/2	3,715.89	1/2	3,372.27	1/2	3,028.65	1/2	2,684.93	1/2	2,341.21	
3/4	3/4	5,070.85	3/4	4,737.97	3/4	4,395.83	3/4	4,052.44	3/4	3,708.73	3/4	3,365.11	3/4	3,021.49	3/4	2,677.77	3/4	2,334.05	
8		5,065.85	8	4,730.84	8	4,388.70	8	4,045.28	8	3,701.56	8	3,357.95	8	3,014.33	8	2,670.61	8	2,326.89	
1/4	1/4	5,060.86	1/4	4,723.71	1/4	4,381.57	1/4	4,038.12	1/4	3,694.40	1/4	3,350.80	1/4	3,007.17	1/4	2,663.45	1/4	2,319.73	
1/2	1/2	5,054.67	1/2	4,716.59	1/2	4,374.44	1/2	4,030.96	1/2	3,687.25	1/2	3,343.64	1/2	3,000.01	1/2	2,656.29	1/2	2,312.57	
3/4	3/4	5,048.48	3/4	4,709.46	3/4	4,367.31	3/4	4,023.80	3/4	3,680.09	3/4	3,336.48	3/4	2,992.85	3/4	2,649.13	3/4	2,305.41	
9		5,042.29	9	4,702.33	9	4,360.19	9	4,016.64	9	3,672.93	9	3,329.32	9	2,985.69	9	2,641.97	9	2,298.25	
1/4	1/4	5,036.11	1/4	4,695.20	1/4	4,353.06	1/4	4,009.47	1/4	3,665.77	1/4	3,322.16	1/4	2,978.53	1/4	2,634.81	1/4	2,291.09	
1/2	1/2	5,029.09	1/2	4,688.07	1/2	4,345.93	1/2	4,002.31	1/2	3,658.61	1/2	3,315.00	1/2	2,971.37	1/2	2,627.65	1/2	2,283.93	
3/4	3/4	5,022.08	3/4	4,680.95	3/4	4,338.80	3/4	3,995.15	3/4	3,651.45	3/4	3,307.84	3/4	2,964.20	3/4	2,620.49	3/4	2,276.77	
10		5,015.06	10	4,673.82	10	4,331.67	10	3,987.99	10	3,644.29	10	3,300.69	10	2,957.04	10	2,613.33	10	2,269.61	
1/4	1/4	5,008.05	1/4	4,666.69	1/4	4,324.55	1/4	3,980.83	1/4	3,637.14	1/4	3,293.53	1/4	2,949.88	1/4	2,606.16	1/4	2,262.45	
1/2	1/2	5,000.98	1/2	4,659.56	1/2	4,317.38	1/2	3,973.67	1/2	3,629.98	1/2	3,286.37	1/2	2,942.72	1/2	2,599.00	1/2	2,255.29	
3/4	3/4	4,993.91	3/4	4,652.43	3/4	4,310.22	3/4	3,966.51	3/4	3,622.82	3/4	3,279.21	3/4	2,935.56	3/4	2,591.84	3/4	2,248.12	
11		4,986.84	11	4,645.31	11	4,303.06	11	3,959.35	11	3,615.66	11	3,272.05	11	2,928.40	11	2,584.68	11	2,240.96	
1/4	1/4	4,979.78	1/4	4,638.18	1/4	4,295.90	1/4	3,952.19	1/4	3,608.50	1/4	3,264.89	1/4	2,921.24	1/4	2,577.52	1/4	2,233.80	
1/2	1/2	4,972.69	1/2	4,631.05	1/2	4,288.74	1/2	3,945.03	1/2	3,601.34	1/2	3,257.74	1/2	2,914.08	1/2	2,570.36	1/2	2,226.64	
3/4	3/4	4,965.61	3/4	4,623.92	3/4	4,281.58	3/4	3,937.87	3/4	3,594.18	3/4	3,250.58	3/4	2,906.92	3/4	2,563.20	3/4	2,219.48	

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 "FMT 3298"

2 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	2,212.32	0	1,868.60	0	1,524.88	0	1,181.17	0	837.94	0	494.25	0	150.54	0					
1/4	2,205.16	1/4	1,861.44	1/4	1,517.72	1/4	1,174.00	1/4	830.79	1/4	487.09	1/4	143.38	1/4					0
1/2	2,198.00	1/2	1,854.28	1/2	1,510.56	1/2	1,166.84	1/2	823.63	1/2	479.92	1/2	136.22	1/2					1/2
3/4	2,190.84	3/4	1,847.12	3/4	1,503.40	3/4	1,159.68	3/4	816.47	3/4	472.76	3/4	129.06	3/4					3/4
1	2,183.68	1	1,839.96	1	1,496.24	1	1,152.52	1	809.31	1	465.60	1	121.90	1					1
1/4	2,176.52	1/4	1,832.80	1/4	1,489.08	1/4	1,145.36	1/4	802.15	1/4	458.44	1/4	114.74	1/4					1/4
1/2	2,169.36	1/2	1,825.64	1/2	1,481.92	1/2	1,138.20	1/2	794.99	1/2	451.28	1/2	107.59	1/2					1/2
3/4	2,162.19	3/4	1,818.48	3/4	1,474.76	3/4	1,131.04	3/4	787.83	3/4	444.12	3/4	100.44	3/4					3/4
2	2,155.03	2	1,811.32	2	1,467.60	2	1,123.88	2	780.67	2	436.96	2	93.29	2					2
1/4	2,147.87	1/4	1,804.15	1/4	1,460.44	1/4	1,116.72	1/4	773.51	1/4	429.80	1/4	86.14	1/4					1/4
1/2	2,140.71	1/2	1,796.99	1/2	1,453.28	1/2	1,109.56	1/2	766.34	1/2	422.64	1/2	79.02	1/2					1/2
3/4	2,133.55	3/4	1,789.83	3/4	1,446.11	3/4	1,102.41	3/4	759.18	3/4	415.48	3/4	71.90	3/4					3/4
3	2,126.39	3	1,782.67	3	1,438.95	3	1,095.25	3	752.02	3	408.32	3	64.77	3					3
1/4	2,119.23	1/4	1,775.51	1/4	1,431.79	1/4	1,088.10	1/4	744.86	1/4	401.16	1/4	57.65	1/4					1/4
1/2	2,112.07	1/2	1,768.35	1/2	1,424.63	1/2	1,080.95	1/2	737.70	1/2	394.00	1/2	51.38	1/2					1/2
3/4	2,104.91	3/4	1,761.19	3/4	1,417.47	3/4	1,073.81	3/4	730.54	3/4	386.84	3/4	45.12	3/4					3/4
4	2,097.75	4	1,754.03	4	1,410.31	4	1,066.66	4	723.38	4	379.68	4	38.86	4					4
1/4	2,090.59	1/4	1,746.87	1/4	1,403.15	1/4	1,059.51	1/4	716.22	1/4	372.52	1/4	32.59	1/4					1/4
1/2	2,083.43	1/2	1,739.71	1/2	1,395.99	1/2	1,052.37	1/2	709.06	1/2	365.36	1/2	28.12	1/2					1/2
3/4	2,076.27	3/4	1,732.55	3/4	1,388.83	3/4	1,045.22	3/4	701.90	3/4	358.20	3/4	23.64	3/4					3/4
5	2,069.10	5	1,725.39	5	1,381.67	5	1,038.07	5	694.74	5	351.04	5	19.17	5					5
1/4	2,061.94	1/4	1,718.23	1/4	1,374.51	1/4	1,030.93	1/4	687.58	1/4	343.88	1/4	14.69	1/4					1/4
1/2	2,054.78	1/2	1,711.06	1/2	1,367.35	1/2	1,023.78	1/2	680.42	1/2	336.71	1/2		1/2					1/2
3/4	2,047.62	3/4	1,703.90	3/4	1,360.19	3/4	1,016.63	3/4	673.26	3/4	329.55	3/4		3/4					3/4
6	2,040.46	6	1,696.74	6	1,353.02	6	1,009.49	6	666.10	6	322.39	6		6					6
1/4	2,033.30	1/4	1,689.58	1/4	1,345.86	1/4	1,002.34	1/4	658.94	1/4	315.23	1/4		1/4					1/4
1/2	2,026.14	1/2	1,682.42	1/2	1,338.70	1/2	995.19	1/2	651.78	1/2	308.07	1/2		1/2					1/2
3/4	2,018.98	3/4	1,675.26	3/4	1,331.54	3/4	988.04	3/4	644.62	3/4	300.91	3/4		3/4					3/4
7	2,011.82	7	1,668.10	7	1,324.38	7	980.90	7	637.46	7	293.75	7		7					7
1/4	2,004.66	1/4	1,660.94	1/4	1,317.22	1/4	973.75	1/4	630.30	1/4	286.59	1/4		1/4					1/4
1/2	1,997.50	1/2	1,653.78	1/2	1,310.06	1/2	966.60	1/2	623.13	1/2	279.43	1/2		1/2					1/2
3/4	1,990.34	3/4	1,646.62	3/4	1,302.90	3/4	959.46	3/4	615.97	3/4	272.27	3/4		3/4					3/4
8	1,983.17	8	1,639.46	8	1,295.74	8	952.31	8	608.81	8	265.11	8		8					8
1/4	1,976.01	1/4	1,632.30	1/4	1,288.58	1/4	945.16	1/4	601.65	1/4	257.95	1/4		1/4					1/4
1/2	1,968.85	1/2	1,625.13	1/2	1,281.42	1/2	938.02	1/2	594.49	1/2	250.79	1/2		1/2					1/2
3/4	1,961.69	3/4	1,617.97	3/4	1,274.26	3/4	930.87	3/4	587.33	3/4	243.63	3/4		3/4					3/4
9	1,954.53	9	1,610.81	9	1,267.09	9	923.73	9	580.17	9	236.47	9		9					9
1/4	1,947.37	1/4	1,603.65	1/4	1,259.93	1/4	916.58	1/4	573.01	1/4	229.31	1/4		1/4					1/4
1/2	1,940.21	1/2	1,596.49	1/2	1,252.77	1/2	909.43	1/2	565.85	1/2	222.15	1/2		1/2					1/2
3/4	1,933.05	3/4	1,589.33	3/4	1,245.61	3/4	902.29	3/4	558.69	3/4	214.99	3/4		3/4					3/4
10	1,925.89	10	1,582.17	10	1,238.45	10	895.14	10	551.53	10	207.83	10		10					10
1/4	1,918.73	1/4	1,575.01	1/4	1,231.29	1/4	887.99	1/4	544.37	1/4	200.67	1/4		1/4					1/4
1/2	1,911.57	1/2	1,567.85	1/2	1,224.13	1/2	880.85	1/2	537.21	1/2	193.50	1/2		1/2					1/2
3/4	1,904.41	3/4	1,560.69	3/4	1,216.97	3/4	873.70	3/4	530.05	3/4	186.34	3/4		3/4					3/4
11	1,897.25	11	1,553.53	11	1,209.81	11	866.55	11	522.89	11	179.18	11		11					11
1/4	1,890.08	1/4	1,546.37	1/4	1,202.65	1/4	859.41	1/4	515.73	1/4	172.02	1/4		1/4					1/4
1/2	1,882.92	1/2	1,539.21	1/2	1,195.49	1/2	852.25	1/2	508.57	1/2	164.86	1/2		1/2					1/2
3/4	1,875.76	3/4	1,532.04	3/4	1,188.33	3/4	845.10	3/4	501.41	3/4	157.70	3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
 CALCULATED: 07/16/2019 CL
 PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "FMT 3298"

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	4,290.78	0	4,082.58	0	3,874.00	0	3,664.69	0	3,455.65	0	3,189.78	0	2,849.00	0	2,508.13
1/4	1/4	1/4	1/4	1/4	4,286.47	1/4	4,078.23	1/4	3,869.64	1/4	3,660.33	1/4	3,451.30	1/4	3,182.70	1/4	2,841.90	1/4	2,501.03
1/2	1/2	1/2	1/2	1/2	4,282.15	1/2	4,073.89	1/2	3,865.28	1/2	3,655.97	1/2	3,446.96	1/2	3,175.62	1/2	2,834.80	1/2	2,493.92
3/4	3/4	3/4	3/4	3/4	4,277.84	3/4	4,069.55	3/4	3,860.92	3/4	3,651.61	3/4	3,442.61	3/4	3,168.54	3/4	2,827.69	3/4	2,486.82
1	1	1	1	1	4,273.53	1	4,065.21	1	3,856.56	1	3,647.25	1	3,438.27	1	3,161.46	1	2,820.59	1	2,479.72
1/4	1/4	1/4	1/4	1/4	4,269.21	1/4	4,060.87	1/4	3,852.20	1/4	3,642.89	1/4	3,433.92	1/4	3,154.38	1/4	2,813.49	1/4	2,472.62
1/2	1/2	1/2	1/2	1/2	4,264.90	1/2	4,056.53	1/2	3,847.84	1/2	3,638.53	1/2	3,429.58	1/2	3,147.30	1/2	2,806.39	1/2	2,465.52
3/4	3/4	3/4	3/4	3/4	4,260.59	3/4	4,052.18	3/4	3,843.48	3/4	3,634.17	3/4	3,425.23	3/4	3,140.22	3/4	2,799.29	3/4	2,458.41
2	2	2	2	2	4,256.24	2	4,047.84	2	3,839.12	2	3,629.80	2	3,420.89	2	3,133.14	2	2,792.19	2	2,451.31
1/4	1/4	1/4	1/4	1/4	4,251.90	1/4	4,043.50	1/4	3,834.76	1/4	3,625.44	1/4	3,416.54	1/4	3,126.06	1/4	2,785.09	1/4	2,444.21
1/2	1/2	1/2	1/2	1/2	4,247.56	1/2	4,039.16	1/2	3,830.40	1/2	3,621.08	1/2	3,412.20	1/2	3,118.98	1/2	2,777.98	1/2	2,437.11
3/4	3/4	3/4	3/4	3/4	4,243.22	3/4	4,034.82	3/4	3,826.04	3/4	3,616.72	3/4	3,407.85	3/4	3,111.90	3/4	2,770.88	3/4	2,430.00
3	3	3	3	3	4,238.88	3	4,030.48	3	3,821.68	3	3,612.36	3	3,403.51	3	3,104.80	3	2,763.78	3	2,422.90
1/4	1/4	1/4	1/4	1/4	4,234.54	1/4	4,026.13	1/4	3,817.31	1/4	3,608.00	1/4	3,399.16	1/4	3,097.70	1/4	2,756.68	1/4	2,415.80
1/2	1/2	1/2	1/2	1/2	4,230.19	1/2	4,021.79	1/2	3,812.95	1/2	3,603.64	1/2	3,394.82	1/2	3,090.60	1/2	2,749.58	1/2	2,408.70
3/4	3/4	3/4	3/4	3/4	4,225.85	3/4	4,017.45	3/4	3,808.59	3/4	3,599.28	3/4	3,390.47	3/4	3,083.50	3/4	2,742.48	3/4	2,401.59
4	4	4	4	4	4,221.51	4	4,013.11	4	3,804.23	4	3,594.92	4	3,386.13	4	3,076.41	4	2,735.38	4	2,394.49
1/4	1/4	1/4	1/4	1/4	4,217.17	1/4	4,008.77	1/4	3,799.87	1/4	3,590.56	1/4	3,381.78	1/4	3,069.31	1/4	2,728.27	1/4	2,387.39
1/2	1/2	1/2	1/2	1/2	4,212.83	1/2	4,004.43	1/2	3,795.51	1/2	3,586.20	1/2	3,377.44	1/2	3,062.21	1/2	2,721.17	1/2	2,380.29
3/4	3/4	3/4	3/4	3/4	4,208.49	3/4	4,000.08	3/4	3,791.15	3/4	3,581.84	3/4	3,373.09	3/4	3,055.11	3/4	2,714.07	3/4	2,373.18
5	5	5	5	5	4,204.14	5	3,995.74	5	3,786.79	5	3,577.48	5	3,368.77	5	3,048.02	5	2,706.97	5	2,366.08
1/4	1/4	1/4	1/4	1/4	4,199.80	1/4	3,991.40	1/4	3,782.43	1/4	3,573.12	1/4	3,364.44	1/4	3,040.92	1/4	2,699.87	1/4	2,358.98
1/2	1/2	1/2	1/2	1/2	4,195.46	1/2	3,987.06	1/2	3,778.07	1/2	3,568.75	1/2	3,360.11	1/2	3,033.82	1/2	2,692.77	1/2	2,351.88
3/4	3/4	3/4	3/4	3/4	4,191.12	3/4	3,982.72	3/4	3,773.71	3/4	3,564.39	3/4	3,355.78	3/4	3,026.72	3/4	2,685.66	3/4	2,344.77
6	6	6	6	6	4,186.78	6	3,978.38	6	3,769.35	6	3,560.03	6	3,351.46	6	3,019.61	6	2,678.56	6	2,337.67
1/4	1/4	1/4	1/4	1/4	4,182.44	1/4	3,974.03	1/4	3,764.99	1/4	3,555.67	1/4	3,347.13	1/4	3,012.50	1/4	2,671.46	1/4	2,330.57
1/2	1/2	1/2	1/2	1/2	4,178.09	1/2	3,969.69	1/2	3,760.63	1/2	3,551.31	1/2	3,342.80	1/2	3,005.38	1/2	2,664.36	1/2	2,323.47
3/4	3/4	3/4	3/4	3/4	4,173.75	3/4	3,965.35	3/4	3,756.26	3/4	3,546.95	3/4	3,338.48	3/4	2,998.27	3/4	2,657.26	3/4	2,316.37
7	7	7	7	7	4,169.41	7	3,961.01	7	3,751.90	7	3,542.59	7	3,334.10	7	2,991.16	7	2,650.16	7	2,309.26
1/4	1/4	1/4	1/4	1/4	4,165.07	1/4	3,956.67	1/4	3,747.54	1/4	3,538.23	1/4	3,324.31	1/4	2,984.04	1/4	2,643.06	1/4	2,302.16
1/2	1/2	1/2	1/2	1/2	4,160.73	1/2	3,952.33	1/2	3,743.18	1/2	3,533.87	1/2	3,317.23	1/2	2,976.93	1/2	2,635.95	1/2	2,295.06
3/4	3/4	3/4	3/4	3/4	4,156.39	3/4	3,947.98	3/4	3,738.82	3/4	3,529.51	3/4	3,310.15	3/4	2,969.82	3/4	2,628.85	3/4	2,287.96
8	8	8	8	8	4,152.04	8	3,943.64	8	3,734.46	8	3,525.16	8	3,303.07	8	2,962.71	8	2,621.75	8	2,280.85
1/4	1/4	1/4	1/4	1/4	4,147.70	1/4	3,939.30	1/4	3,730.10	1/4	3,520.82	1/4	3,295.99	1/4	2,955.59	1/4	2,614.65	1/4	2,273.75
1/2	1/2	1/2	1/2	1/2	4,143.36	1/2	3,934.96	1/2	3,725.74	1/2	3,516.47	1/2	3,288.91	1/2	2,948.48	1/2	2,607.55	1/2	2,266.65
3/4	3/4	3/4	3/4	3/4	4,139.02	3/4	3,930.62	3/4	3,721.38	3/4	3,512.13	3/4	3,281.82	3/4	2,941.37	3/4	2,600.45	3/4	2,259.55
9	9	9	9	9	4,134.68	9	3,926.28	9	3,717.02	9	3,507.78	9	3,274.74	9	2,934.25	9	2,593.35	9	2,252.44
1/4	1/4	1/4	1/4	1/4	4,130.34	1/4	3,921.93	1/4	3,712.66	1/4	3,503.44	1/4	3,267.66	1/4	2,927.14	1/4	2,586.24	1/4	2,245.34
1/2	1/2	1/2	1/2	1/2	4,125.99	1/2	3,917.59	1/2	3,708.30	1/2	3,499.09	1/2	3,260.58	1/2	2,920.03	1/2	2,579.14	1/2	2,238.24
3/4	3/4	3/4	3/4	3/4	4,121.65	3/4	3,913.25	3/4	3,703.94	3/4	3,494.75	3/4	3,253.50	3/4	2,912.91	3/4	2,572.04	3/4	2,231.14
10	10	10	10	10	4,117.31	10	3,908.89	10	3,699.58	10	3,490.40	10	3,246.42	10	2,905.81	10	2,564.94	10	2,224.03
1/4	1/4	1/4	1/4	1/4	4,112.97	1/4	3,904.53	1/4	3,695.22	1/4	3,486.06	1/4	3,239.34	1/4	2,898.71	1/4	2,557.84	1/4	2,216.93
1/2	1/2	1/2	1/2	1/2	4,108.63	1/2	3,900.17	1/2	3,690.85	1/2	3,481.71	1/2	3,232.26	1/2	2,891.61	1/2	2,550.74	1/2	2,209.83
3/4	3/4	3/4	3/4	3/4	4,104.28	3/4	3,895.81	3/4	3,686.49	3/4	3,477.37	3/4	3,225.18	3/4	2,884.51	3/4	2,543.63	3/4	2,202.73
11	11	11	11	11	4,099.94	11	3,891.45	11	3,682.13	11	3,473.02	11	3,218.10	11	2,877.41	11	2,536.53	11	2,195.62
1/4	1/4	1/4	1/4	1/4	4,095.60	1/4	3,887.09	1/4	3,677.77	1/4	3,468.68	1/4	3,211.02	1/4	2,870.30	1/4	2,529.43	1/4	2,188.52
1/2	1/2	1/2	1/2	1/2	4,091.26	1/2	3,882.73	1/2	3,673.41	1/2	3,464.33	1/2	3,203.94	1/2	2,863.20	1/2	2,522.33	1/2	2,181.42
3/4	3/4	3/4	3/4	3/4	4,086.92	3/4	3,878.36	3/4	3,669.05	3/4	3,459.99	3/4	3,196.86	3/4	2,856.10	3/4	2,515.23	3/4	2,174.32

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 "FMT 3298"

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	2,167.21	0	1,826.30	0	1,485.38	0	1,144.47	0	817.00	0	476.71	0	135.35	0		0			
1/4	2,160.11	1/4	1,819.20	1/4	1,478.28	1/4	1,137.37	1/4	810.12	1/4	469.61	1/4	128.24	1/4		1/4		1/4	
1/2	2,153.01	1/2	1,812.09	1/2	1,471.18	1/2	1,130.26	1/2	803.25	1/2	462.51	1/2	121.13	1/2		1/2		1/2	
3/4	2,145.91	3/4	1,804.99	3/4	1,464.08	3/4	1,123.16	3/4	796.38	3/4	455.40	3/4	114.01	3/4		3/4		3/4	
1	2,138.81	1	1,797.89	1	1,456.97	1	1,116.29	1	789.28	1	448.30	1	106.91	1		1		1	
1/4	2,131.70	1/4	1,790.79	1/4	1,449.87	1/4	1,109.42	1/4	782.17	1/4	441.19	1/4	99.80	1/4		1/4		1/4	
1/2	2,124.60	1/2	1,783.69	1/2	1,442.77	1/2	1,102.55	1/2	775.07	1/2	434.09	1/2	92.70	1/2		1/2		1/2	
3/4	2,117.50	3/4	1,776.58	3/4	1,435.67	3/4	1,095.68	3/4	767.97	3/4	426.99	3/4	85.59	3/4		3/4		3/4	
2	2,110.40	2	1,769.48	2	1,428.57	2	1,088.87	2	760.86	2	419.88	2	78.51	2		2		2	
1/4	2,103.29	1/4	1,762.38	1/4	1,421.46	1/4	1,082.07	1/4	753.76	1/4	412.78	1/4	71.44	1/4		1/4		1/4	
1/2	2,096.19	1/2	1,755.28	1/2	1,414.36	1/2	1,075.27	1/2	746.65	1/2	405.68	1/2	64.36	1/2		1/2		1/2	
3/4	2,089.09	3/4	1,748.17	3/4	1,407.26	3/4	1,068.47	3/4	739.55	3/4	398.57	3/4	57.28	3/4		3/4		3/4	
3	2,081.99	3	1,741.07	3	1,400.16	3	1,061.68	3	732.45	3	391.47	3	51.05	3		3		3	
1/4	2,074.88	1/4	1,733.97	1/4	1,393.05	1/4	1,054.88	1/4	725.34	1/4	384.37	1/4	44.83	1/4		1/4		1/4	
1/2	2,067.78	1/2	1,726.87	1/2	1,385.95	1/2	1,048.09	1/2	718.24	1/2	377.26	1/2	38.60	1/2		1/2		1/2	
3/4	2,060.68	3/4	1,719.76	3/4	1,378.85	3/4	1,041.29	3/4	711.14	3/4	370.16	3/4	32.38	3/4		3/4		3/4	
4	2,053.58	4	1,712.66	4	1,371.75	4	1,034.50	4	704.03	4	363.04	4	27.93	4		4		4	
1/4	2,046.47	1/4	1,705.56	1/4	1,364.64	1/4	1,027.71	1/4	696.93	1/4	355.93	1/4	23.49	1/4		1/4		1/4	
1/2	2,039.37	1/2	1,698.46	1/2	1,357.54	1/2	1,020.91	1/2	689.82	1/2	348.81	1/2	19.04	1/2		1/2		1/2	
3/4	2,032.27	3/4	1,691.35	3/4	1,350.44	3/4	1,014.12	3/4	682.72	3/4	341.70	3/4	14.59	3/4		3/4		3/4	
5	2,025.17	5	1,684.25	5	1,343.34	5	1,007.33	5	675.62	5	334.58	5		5		5		5	
1/4	2,018.06	1/4	1,677.15	1/4	1,336.23	1/4	1,000.53	1/4	668.51	1/4	327.47	1/4		1/4		1/4		1/4	
1/2	2,010.96	1/2	1,670.05	1/2	1,329.13	1/2	993.74	1/2	661.41	1/2	320.35	1/2		1/2		1/2		1/2	
3/4	2,003.86	3/4	1,662.94	3/4	1,322.03	3/4	986.95	3/4	654.31	3/4	313.24	3/4		3/4		3/4		3/4	
6	1,996.76	6	1,655.84	6	1,314.93	6	980.15	6	647.20	6	306.12	6		6		6		6	
1/4	1,989.65	1/4	1,648.74	1/4	1,307.82	1/4	973.36	1/4	640.10	1/4	299.00	1/4		1/4		1/4		1/4	
1/2	1,982.55	1/2	1,641.64	1/2	1,300.72	1/2	966.56	1/2	632.99	1/2	291.89	1/2		1/2		1/2		1/2	
3/4	1,975.45	3/4	1,634.53	3/4	1,293.62	3/4	959.77	3/4	625.89	3/4	284.77	3/4		3/4		3/4		3/4	
7	1,968.35	7	1,627.43	7	1,286.52	7	952.98	7	618.79	7	277.66	7		7		7		7	
1/4	1,961.25	1/4	1,620.33	1/4	1,279.41	1/4	946.18	1/4	611.68	1/4	270.54	1/4		1/4		1/4		1/4	
1/2	1,954.14	1/2	1,613.23	1/2	1,272.31	1/2	939.39	1/2	604.58	1/2	263.43	1/2		1/2		1/2		1/2	
3/4	1,947.04	3/4	1,606.13	3/4	1,265.21	3/4	932.60	3/4	597.48	3/4	256.31	3/4		3/4		3/4		3/4	
8	1,939.94	8	1,599.02	8	1,258.11	8	925.80	8	590.37	8	249.20	8		8		8		8	
1/4	1,932.84	1/4	1,591.92	1/4	1,251.01	1/4	919.01	1/4	583.27	1/4	242.08	1/4		1/4		1/4		1/4	
1/2	1,925.73	1/2	1,584.82	1/2	1,243.90	1/2	912.22	1/2	576.17	1/2	234.97	1/2		1/2		1/2		1/2	
3/4	1,918.63	3/4	1,577.72	3/4	1,236.80	3/4	905.42	3/4	569.06	3/4	227.85	3/4		3/4		3/4		3/4	
9	1,911.53	9	1,570.61	9	1,229.70	9	898.63	9	561.96	9	220.74	9		9		9		9	
1/4	1,904.43	1/4	1,563.51	1/4	1,222.60	1/4	891.84	1/4	554.85	1/4	213.62	1/4		1/4		1/4		1/4	
1/2	1,897.32	1/2	1,556.41	1/2	1,215.49	1/2	885.04	1/2	547.75	1/2	206.51	1/2		1/2		1/2		1/2	
3/4	1,890.22	3/4	1,549.31	3/4	1,208.39	3/4	878.25	3/4	540.65	3/4	199.39	3/4		3/4		3/4		3/4	
10	1,883.12	10	1,542.20	10	1,201.29	10	871.46	10	533.54	10	192.28	10		10		10		10	
1/4	1,876.02	1/4	1,535.10	1/4	1,194.19	1/4	864.66	1/4	526.44	1/4	185.16	1/4		1/4		1/4		1/4	
1/2	1,868.91	1/2	1,528.00	1/2	1,187.08	1/2	857.87	1/2	519.34	1/2	178.04	1/2		1/2		1/2		1/2	
3/4	1,861.81	3/4	1,520.90	3/4	1,179.98	3/4	851.08	3/4	512.23	3/4	170.93	3/4		3/4		3/4		3/4	
11	1,854.71	11	1,513.79	11	1,172.88	11	844.27	11	505.13	11	163.81	11		11		11		11	
1/4	1,847.61	1/4	1,506.69	1/4	1,165.78	1/4	837.47	1/4	498.02	1/4	156.70	1/4		1/4		1/4		1/4	
1/2	1,840.50	1/2	1,499.59	1/2	1,158.67	1/2	830.67	1/2	490.92	1/2	149.58	1/2		1/2		1/2		1/2	
3/4	1,833.40	3/4	1,492.49	3/4	1,151.57	3/4	823.87	3/4	483.82	3/4	142.47	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

3 STBD 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	4,315.32	0	4,106.68	0	3,897.66	0	3,687.90	0	3,478.14	0	3,211.55	0	2,870.59	0	2,529.19
1/4	1/4	1/4	1/4	1/4	4,311.00	1/4	4,102.32	1/4	3,893.29	1/4	3,683.53	1/4	3,473.77	1/4	3,204.46	1/4	2,863.48	1/4	2,522.07
1/2	1/2	1/2	1/2	1/2	4,306.68	1/2	4,097.97	1/2	3,888.92	1/2	3,679.16	1/2	3,469.40	1/2	3,197.37	1/2	2,856.37	1/2	2,514.94
3/4	3/4	3/4	3/4	3/4	4,302.35	3/4	4,093.62	3/4	3,884.55	3/4	3,674.79	3/4	3,465.03	3/4	3,190.28	3/4	2,849.27	3/4	2,507.82
1	1	1	1	1	4,298.03	1	4,089.27	1	3,880.18	1	3,670.42	1	3,460.66	1	3,183.19	1	2,842.16	1	2,500.69
1/4	1/4	1/4	1/4	1/4	4,293.71	1/4	4,084.92	1/4	3,875.81	1/4	3,666.05	1/4	3,456.29	1/4	3,176.10	1/4	2,835.05	1/4	2,493.56
1/2	1/2	1/2	1/2	1/2	4,289.39	1/2	4,080.57	1/2	3,871.44	1/2	3,661.68	1/2	3,451.92	1/2	3,169.01	1/2	2,827.94	1/2	2,486.44
3/4	3/4	3/4	3/4	3/4	4,285.06	3/4	4,076.22	3/4	3,867.07	3/4	3,657.31	3/4	3,447.55	3/4	3,161.92	3/4	2,820.84	3/4	2,479.31
2	2	2	2	2	4,280.71	2	4,071.87	2	3,862.70	2	3,652.94	2	3,443.18	2	3,154.83	2	2,813.73	2	2,472.19
1/4	1/4	1/4	1/4	1/4	4,276.36	1/4	4,067.52	1/4	3,858.33	1/4	3,648.57	1/4	3,438.81	1/4	3,147.74	1/4	2,806.62	1/4	2,465.06
1/2	1/2	1/2	1/2	1/2	4,272.01	1/2	4,063.17	1/2	3,853.96	1/2	3,644.20	1/2	3,434.44	1/2	3,140.65	1/2	2,799.51	1/2	2,457.94
3/4	3/4	3/4	3/4	3/4	4,267.66	3/4	4,058.82	3/4	3,849.59	3/4	3,639.83	3/4	3,430.07	3/4	3,133.56	3/4	2,792.41	3/4	2,450.81
3	3	3	3	3	4,263.31	3	4,054.46	3	3,845.22	3	3,635.46	3	3,425.70	3	3,126.45	3	2,785.30	3	2,443.69
1/4	1/4	1/4	1/4	1/4	4,258.96	1/4	4,050.11	1/4	3,840.85	1/4	3,631.09	1/4	3,421.33	1/4	3,119.34	1/4	2,778.19	1/4	2,436.56
1/2	1/2	1/2	1/2	1/2	4,254.61	1/2	4,045.76	1/2	3,836.48	1/2	3,626.72	1/2	3,416.96	1/2	3,112.24	1/2	2,771.09	1/2	2,429.44
3/4	3/4	3/4	3/4	3/4	4,250.26	3/4	4,041.41	3/4	3,832.11	3/4	3,622.35	3/4	3,412.59	3/4	3,105.13	3/4	2,763.98	3/4	2,422.31
4	4	4	4	4	4,245.90	4	4,037.06	4	3,827.74	4	3,617.98	4	3,408.22	4	3,098.02	4	2,756.87	4	2,415.18
1/4	1/4	1/4	1/4	1/4	4,241.55	1/4	4,032.71	1/4	3,823.37	1/4	3,613.61	1/4	3,403.85	1/4	3,090.91	1/4	2,749.76	1/4	2,408.06
1/2	1/2	1/2	1/2	1/2	4,237.20	1/2	4,028.36	1/2	3,819.00	1/2	3,609.24	1/2	3,399.48	1/2	3,083.81	1/2	2,742.66	1/2	2,400.93
3/4	3/4	3/4	3/4	3/4	4,232.85	3/4	4,024.01	3/4	3,814.63	3/4	3,604.87	3/4	3,395.11	3/4	3,076.70	3/4	2,735.55	3/4	2,393.81
5	5	5	5	5	4,228.50	5	4,019.66	5	3,810.26	5	3,600.50	5	3,390.78	5	3,069.59	5	2,728.44	5	2,386.68
1/4	1/4	1/4	1/4	1/4	4,224.15	1/4	4,015.31	1/4	3,805.89	1/4	3,596.13	1/4	3,386.44	1/4	3,062.48	1/4	2,721.33	1/4	2,379.56
1/2	1/2	1/2	1/2	1/2	4,219.80	1/2	4,010.96	1/2	3,801.52	1/2	3,591.76	1/2	3,382.11	1/2	3,055.38	1/2	2,714.23	1/2	2,372.43
3/4	3/4	3/4	3/4	3/4	4,400.72	3/4	4,215.45	3/4	4,006.60	3/4	3,797.15	3/4	3,587.39	3/4	3,377.77	3/4	3,048.27	3/4	2,707.12
6	6	6	6	6	4,399.01	6	4,211.10	6	4,002.25	6	3,792.78	6	3,583.02	6	3,373.44	6	3,041.16	6	2,700.01
1/4	1/4	1/4	1/4	1/4	4,397.31	1/4	4,206.75	1/4	3,997.90	1/4	3,788.41	1/4	3,578.65	1/4	3,369.10	1/4	3,034.06	1/4	2,692.91
1/2	1/2	1/2	1/2	1/2	4,395.60	1/2	4,202.40	1/2	3,993.55	1/2	3,784.04	1/2	3,574.28	1/2	3,364.77	1/2	3,026.95	1/2	2,685.80
3/4	3/4	3/4	3/4	3/4	4,393.89	3/4	4,198.04	3/4	3,989.20	3/4	3,779.67	3/4	3,569.91	3/4	3,360.43	3/4	3,019.84	3/4	2,678.69
7	7	7	7	7	4,391.65	7	4,193.69	7	3,984.85	7	3,775.30	7	3,565.54	7	3,353.34	7	3,012.73	7	2,671.58
1/4	1/4	1/4	1/4	1/4	4,389.40	1/4	4,189.34	1/4	3,980.50	1/4	3,770.93	1/4	3,561.17	1/4	3,346.25	1/4	3,005.63	1/4	2,664.48
1/2	1/2	1/2	1/2	1/2	4,387.16	1/2	4,184.99	1/2	3,976.15	1/2	3,766.56	1/2	3,556.80	1/2	3,339.16	1/2	2,998.52	1/2	2,657.37
3/4	3/4	3/4	3/4	3/4	4,384.91	3/4	4,180.64	3/4	3,971.80	3/4	3,762.19	3/4	3,552.43	3/4	3,332.07	3/4	2,991.41	3/4	2,650.26
8	8	8	8	8	4,381.48	8	4,176.29	8	3,967.45	8	3,757.82	8	3,548.06	8	3,324.98	8	2,984.30	8	2,643.15
1/4	1/4	1/4	1/4	1/4	4,378.05	1/4	4,171.94	1/4	3,963.10	1/4	3,753.45	1/4	3,543.69	1/4	3,317.90	1/4	2,977.20	1/4	2,636.05
1/2	1/2	1/2	1/2	1/2	4,374.61	1/2	4,167.59	1/2	3,958.74	1/2	3,749.08	1/2	3,539.32	1/2	3,310.81	1/2	2,970.09	1/2	2,628.94
3/4	3/4	3/4	3/4	3/4	4,371.18	3/4	4,163.24	3/4	3,954.39	3/4	3,744.71	3/4	3,534.95	3/4	3,303.72	3/4	2,962.98	3/4	2,621.83
9	9	9	9	9	4,366.92	9	4,158.89	9	3,950.04	9	3,740.34	9	3,530.58	9	3,296.63	9	2,955.88	9	2,614.71
1/4	1/4	1/4	1/4	1/4	4,362.67	1/4	4,154.54	1/4	3,945.69	1/4	3,735.97	1/4	3,526.21	1/4	3,289.54	1/4	2,948.77	1/4	2,607.58
1/2	1/2	1/2	1/2	1/2	4,358.42	1/2	4,150.18	1/2	3,941.34	1/2	3,731.60	1/2	3,521.84	1/2	3,282.45	1/2	2,941.66	1/2	2,600.45
3/4	3/4	3/4	3/4	3/4	4,354.16	3/4	4,145.83	3/4	3,936.99	3/4	3,727.23	3/4	3,517.47	3/4	3,275.36	3/4	2,934.55	3/4	2,593.33
10	10	10	10	10	4,349.85	10	4,141.48	10	3,932.62	10	3,722.86	10	3,513.10	10	3,268.27	10	2,927.45	10	2,586.20
1/4	1/4	1/4	1/4	1/4	4,345.54	1/4	4,137.13	1/4	3,928.25	1/4	3,718.49	1/4	3,508.73	1/4	3,261.18	1/4	2,920.34	1/4	2,579.08
1/2	1/2	1/2	1/2	1/2	4,341.23	1/2	4,132.78	1/2	3,923.88	1/2	3,714.12	1/2	3,504.36	1/2	3,254.09	1/2	2,913.23	1/2	2,571.95
3/4	3/4	3/4	3/4	3/4	4,336.92	3/4	4,128.43	3/4	3,919.51	3/4	3,709.75	3/4	3,499.99	3/4	3,247.00	3/4	2,906.12	3/4	2,564.82
11	11	11	11	11	4,332.60	11	4,124.08	11	3,915.14	11	3,705.38	11	3,495.62	11	3,239.91	11	2,899.02	11	2,557.70
1/4	1/4	1/4	1/4	1/4	4,328.28	1/4	4,119.73	1/4	3,910.77	1/4	3,701.01	1/4	3,491.25	1/4	3,232.82	1/4	2,891.91	1/4	2,550.57
1/2	1/2	1/2	1/2	1/2	4,323.96	1/2	4,115.38	1/2	3,906.40	1/2	3,696.64	1/2	3,486.88	1/2	3,225.73	1/2	2,884.80	1/2	2,543.45
3/4	3/4	3/4	3/4	3/4	4,319.64	3/4	4,111.03	3/4	3,902.03	3/4	3,692.27	3/4	3,482.51	3/4	3,218.64	3/4	2,877.69	3/4	2,536.32

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 "FMT 3298"

3 STBD

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	2,187.17	0	1,845.14	0	1,503.12	0	1,161.10	0	819.57	0	477.56	0	135.55	0		0			
1/4	2,180.04	1/4	1,838.02	1/4	1,495.99	1/4	1,153.97	1/4	812.44	1/4	470.43	1/4	128.43	1/4		1/4		1/4	0
1/2	2,172.92	1/2	1,830.89	1/2	1,488.87	1/2	1,146.85	1/2	805.32	1/2	463.31	1/2	121.30	1/2		1/2		1/2	1/2
3/4	2,165.79	3/4	1,823.77	3/4	1,481.74	3/4	1,139.72	3/4	798.19	3/4	456.18	3/4	114.18	3/4		3/4		3/4	3/4
1	2,158.67	1	1,816.64	1	1,474.62	1	1,132.59	1	791.07	1	449.06	1	107.06	1		1		1	1
1/4	2,151.54	1/4	1,809.52	1/4	1,467.49	1/4	1,125.47	1/4	783.94	1/4	441.93	1/4	99.95	1/4		1/4		1/4	1/4
1/2	2,144.42	1/2	1,802.39	1/2	1,460.37	1/2	1,118.34	1/2	776.82	1/2	434.81	1/2	92.83	1/2		1/2		1/2	1/2
3/4	2,137.29	3/4	1,795.27	3/4	1,453.24	3/4	1,111.22	3/4	769.69	3/4	427.68	3/4	85.72	3/4		3/4		3/4	3/4
2	2,130.16	2	1,788.14	2	1,446.12	2	1,104.10	2	762.57	2	420.56	2	78.63	2		2		2	2
1/4	2,123.04	1/4	1,781.01	1/4	1,438.99	1/4	1,096.98	1/4	755.44	1/4	413.43	1/4	71.54	1/4		1/4		1/4	1/4
1/2	2,115.91	1/2	1,773.89	1/2	1,431.87	1/2	1,089.86	1/2	748.32	1/2	406.31	1/2	64.45	1/2		1/2		1/2	1/2
3/4	2,108.79	3/4	1,766.76	3/4	1,424.74	3/4	1,082.74	3/4	741.19	3/4	399.18	3/4	57.36	3/4		3/4		3/4	3/4
3	2,101.66	3	1,759.64	3	1,417.61	3	1,075.63	3	734.07	3	392.06	3	51.13	3		3		3	3
1/4	2,094.54	1/4	1,752.51	1/4	1,410.49	1/4	1,068.52	1/4	726.94	1/4	384.93	1/4	44.90	1/4		1/4		1/4	1/4
1/2	2,087.41	1/2	1,745.39	1/2	1,403.36	1/2	1,061.41	1/2	719.81	1/2	377.81	1/2	38.66	1/2		1/2		1/2	1/2
3/4	2,080.29	3/4	1,738.26	3/4	1,396.24	3/4	1,054.29	3/4	712.69	3/4	370.68	3/4	32.43	3/4		3/4		3/4	3/4
4	2,073.16	4	1,731.14	4	1,389.11	4	1,047.18	4	705.56	4	363.55	4	27.98	4		4		4	4
1/4	2,066.03	1/4	1,724.01	1/4	1,381.99	1/4	1,040.07	1/4	698.44	1/4	356.43	1/4	23.52	1/4		1/4		1/4	1/4
1/2	2,058.91	1/2	1,716.89	1/2	1,374.86	1/2	1,032.96	1/2	691.31	1/2	349.30	1/2	19.07	1/2		1/2		1/2	1/2
3/4	2,051.78	3/4	1,709.76	3/4	1,367.74	3/4	1,025.85	3/4	684.19	3/4	342.18	3/4	14.62	3/4		3/4		3/4	3/4
5	2,044.66	5	1,702.63	5	1,360.61	5	1,018.74	5	677.06	5	335.05	5		5		5		5	5
1/4	2,037.53	1/4	1,695.51	1/4	1,353.48	1/4	1,011.63	1/4	669.94	1/4	327.93	1/4		1/4		1/4		1/4	1/4
1/2	2,030.41	1/2	1,688.38	1/2	1,346.36	1/2	1,004.51	1/2	662.81	1/2	320.80	1/2		1/2		1/2		1/2	1/2
3/4	2,023.28	3/4	1,681.26	3/4	1,339.23	3/4	997.40	3/4	655.69	3/4	313.68	3/4		3/4		3/4		3/4	3/4
6	2,016.16	6	1,674.13	6	1,332.11	6	990.29	6	648.56	6	306.55	6		6		6		6	6
1/4	2,009.03	1/4	1,667.01	1/4	1,324.98	1/4	983.18	1/4	641.44	1/4	299.43	1/4		1/4		1/4		1/4	1/4
1/2	2,001.91	1/2	1,659.88	1/2	1,317.86	1/2	976.07	1/2	634.31	1/2	292.30	1/2		1/2		1/2		1/2	1/2
3/4	1,994.78	3/4	1,652.76	3/4	1,310.73	3/4	968.96	3/4	627.19	3/4	285.18	3/4		3/4		3/4		3/4	3/4
7	1,987.65	7	1,645.63	7	1,303.61	7	961.85	7	620.06	7	278.05	7		7		7		7	7
1/4	1,980.53	1/4	1,638.50	1/4	1,296.48	1/4	954.73	1/4	612.94	1/4	270.93	1/4		1/4		1/4		1/4	1/4
1/2	1,973.40	1/2	1,631.38	1/2	1,289.36	1/2	947.62	1/2	605.81	1/2	263.80	1/2		1/2		1/2		1/2	1/2
3/4	1,966.28	3/4	1,624.25	3/4	1,282.23	3/4	940.51	3/4	598.69	3/4	256.68	3/4		3/4		3/4		3/4	3/4
8	1,959.15	8	1,617.13	8	1,275.10	8	933.40	8	591.56	8	249.55	8		8		8		8	8
1/4	1,952.03	1/4	1,610.00	1/4	1,267.98	1/4	926.29	1/4	584.44	1/4	242.43	1/4		1/4		1/4		1/4	1/4
1/2	1,944.90	1/2	1,602.88	1/2	1,260.85	1/2	919.18	1/2	577.31	1/2	235.30	1/2		1/2		1/2		1/2	1/2
3/4	1,937.78	3/4	1,595.75	3/4	1,253.73	3/4	912.07	3/4	570.19	3/4	228.18	3/4		3/4		3/4		3/4	3/4
9	1,930.65	9	1,588.63	9	1,246.60	9	904.95	9	563.06	9	221.05	9		9		9		9	9
1/4	1,923.52	1/4	1,581.50	1/4	1,239.48	1/4	897.84	1/4	555.94	1/4	213.93	1/4		1/4		1/4		1/4	1/4
1/2	1,916.40	1/2	1,574.38	1/2	1,232.35	1/2	890.73	1/2	548.81	1/2	206.80	1/2		1/2		1/2		1/2	1/2
3/4	1,909.27	3/4	1,567.25	3/4	1,225.23	3/4	883.62	3/4	541.68	3/4	199.68	3/4		3/4		3/4		3/4	3/4
10	1,902.15	10	1,560.12	10	1,218.10	10	876.51	10	534.56	10	192.55	10		10		10		10	10
1/4	1,895.02	1/4	1,553.00	1/4	1,210.97	1/4	869.40	1/4	527.43	1/4	185.42	1/4		1/4		1/4		1/4	1/4
1/2	1,887.90	1/2	1,545.87	1/2	1,203.85	1/2	862.29	1/2	520.31	1/2	178.30	1/2		1/2		1/2		1/2	1/2
3/4	1,880.77	3/4	1,538.75	3/4	1,196.72	3/4	855.18	3/4	513.18	3/4	171.17	3/4		3/4		3/4		3/4	3/4
11	1,873.65	11	1,531.62	11	1,189.60	11	848.05	11	506.06	11	164.05	11		11		11		11	11
1/4	1,866.52	1/4	1,524.50	1/4	1,182.47	1/4	840.93	1/4	498.93	1/4	156.92	1/4		1/4		1/4		1/4	1/4
1/2	1,859.40	1/2	1,517.37	1/2	1,175.35	1/2	833.81	1/2	491.81	1/2	149.80	1/2		1/2		1/2		1/2	1/2
3/4	1,852.27	3/4	1,510.25	3/4	1,168.22	3/4	826.69	3/4	484.68	3/4	142.67	3/4		3/4		3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
 CALCULATED: 07/16/2019 CL
 PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2019

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BARGE "FMT 3298"

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 15, 2019

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BARGE "FMT 3298"

1 PORT INNAGE TABLE

10" HATCH GAUGE HEIGHT 18'-01 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	2.15	0	252.28	0	583.35	0	925.15	0	1,267.19	0	1,610.43	0	1,953.67	0	2,296.91	0	2,640.13	0	2,983.35
1/4	3.94	1/4	258.76	1/4	590.51	1/4	932.24	1/4	1,274.34	1/4	1,617.58	1/4	1,960.82	1/4	2,304.06	1/4	2,647.28	1/4	2,990.50
1/2	5.73	1/2	265.25	1/2	597.66	1/2	939.33	1/2	1,281.49	1/2	1,624.73	1/2	1,967.97	1/2	2,311.21	1/2	2,654.43	1/2	2,997.65
3/4	7.52	3/4	271.73	3/4	604.81	3/4	946.42	3/4	1,288.64	3/4	1,631.88	3/4	1,975.12	3/4	2,318.36	3/4	2,661.58	3/4	3,004.80
1	9.30	1	278.21	1	611.96	1	953.51	1	1,295.79	1	1,639.03	1	1,982.27	1	2,325.51	1	2,668.73	1	3,011.94
1/4	12.11	1/4	284.78	1/4	619.11	1/4	960.60	1/4	1,302.94	1/4	1,646.18	1/4	1,989.42	1/4	2,332.66	1/4	2,675.88	1/4	3,019.09
1/2	14.91	1/2	291.34	1/2	626.26	1/2	967.69	1/2	1,310.09	1/2	1,653.33	1/2	1,996.57	1/2	2,339.81	1/2	2,683.03	1/2	3,026.24
3/4	17.71	3/4	297.91	3/4	633.41	3/4	974.78	3/4	1,317.25	3/4	1,660.48	3/4	2,003.72	3/4	2,346.96	3/4	2,690.18	3/4	3,033.39
2	20.51	2	304.47	2	640.56	2	981.87	2	1,324.40	2	1,667.63	2	2,010.87	2	2,354.11	2	2,697.33	2	3,040.54
1/4	24.37	1/4	311.12	1/4	647.71	1/4	988.96	1/4	1,331.55	1/4	1,674.79	1/4	2,018.02	1/4	2,361.26	1/4	2,704.48	1/4	3,047.69
1/2	28.23	1/2	317.77	1/2	654.86	1/2	996.05	1/2	1,338.70	1/2	1,681.94	1/2	2,025.17	1/2	2,368.41	1/2	2,711.64	1/2	3,054.84
3/4	32.09	3/4	324.42	3/4	662.01	3/4	1,003.14	3/4	1,345.85	3/4	1,689.09	3/4	2,032.33	3/4	2,375.56	3/4	2,718.79	3/4	3,061.98
3	35.95	3	331.07	3	669.16	3	1,010.23	3	1,353.00	3	1,696.24	3	2,039.48	3	2,382.71	3	2,725.94	3	3,069.13
1/4	41.21	1/4	337.80	1/4	676.31	1/4	1,017.32	1/4	1,360.15	1/4	1,703.39	1/4	2,046.63	1/4	2,389.87	1/4	2,733.09	1/4	3,076.28
1/2	46.48	1/2	344.54	1/2	683.46	1/2	1,024.42	1/2	1,367.30	1/2	1,710.54	1/2	2,053.78	1/2	2,397.02	1/2	2,740.24	1/2	3,083.43
3/4	51.74	3/4	351.27	3/4	690.61	3/4	1,031.51	3/4	1,374.45	3/4	1,717.69	3/4	2,060.93	3/4	2,404.17	3/4	2,747.39	3/4	3,090.58
4	57.00	4	358.00	4	697.76	4	1,038.61	4	1,381.60	4	1,724.84	4	2,068.08	4	2,411.32	4	2,754.54	4	3,097.73
1/4	62.79	1/4	364.82	1/4	704.91	1/4	1,045.71	1/4	1,388.75	1/4	1,731.99	1/4	2,075.23	1/4	2,418.47	1/4	2,761.69	1/4	3,104.87
1/2	68.59	1/2	371.64	1/2	712.07	1/2	1,052.82	1/2	1,395.90	1/2	1,739.14	1/2	2,082.38	1/2	2,425.62	1/2	2,768.84	1/2	3,112.02
3/4	74.38	3/4	378.45	3/4	719.22	3/4	1,059.93	3/4	1,403.06	3/4	1,746.29	3/4	2,089.53	3/4	2,432.77	3/4	2,775.99	3/4	3,119.17
5	80.17	5	385.27	5	726.37	5	1,067.04	5	1,410.21	5	1,753.44	5	2,096.68	5	2,439.92	5	2,783.14	5	3,126.32
1/4	86.06	1/4	392.17	1/4	733.50	1/4	1,074.17	1/4	1,417.36	1/4	1,760.60	1/4	2,103.83	1/4	2,447.07	1/4	2,790.29	1/4	3,133.47
1/2	91.95	1/2	399.07	1/2	740.63	1/2	1,081.30	1/2	1,424.51	1/2	1,767.75	1/2	2,110.98	1/2	2,454.22	1/2	2,797.44	1/2	3,140.62
3/4	97.84	3/4	405.97	3/4	747.76	3/4	1,088.44	3/4	1,431.66	3/4	1,774.90	3/4	2,118.14	3/4	2,461.37	3/4	2,804.59	3/4	3,147.76
6	103.73	6	412.87	6	754.90	6	1,095.57	6	1,438.81	6	1,782.05	6	2,125.29	6	2,468.52	6	2,811.74	6	3,154.91
1/4	109.71	1/4	419.85	1/4	762.00	1/4	1,102.72	1/4	1,445.96	1/4	1,789.20	1/4	2,132.44	1/4	2,475.68	1/4	2,818.89	1/4	3,162.06
1/2	115.69	1/2	426.83	1/2	769.11	1/2	1,109.87	1/2	1,453.11	1/2	1,796.35	1/2	2,139.59	1/2	2,482.83	1/2	2,826.04	1/2	3,169.21
3/4	121.67	3/4	433.81	3/4	776.22	3/4	1,117.02	3/4	1,460.26	3/4	1,803.50	3/4	2,146.74	3/4	2,489.98	3/4	2,833.19	3/4	3,176.36
7	127.65	7	440.79	7	783.33	7	1,124.17	7	1,467.41	7	1,810.65	7	2,153.89	7	2,497.13	7	2,840.34	7	3,183.51
1/4	133.72	1/4	447.85	1/4	790.42	1/4	1,131.32	1/4	1,474.56	1/4	1,817.80	1/4	2,161.04	1/4	2,504.28	1/4	2,847.49	1/4	3,190.65
1/2	139.78	1/2	454.92	1/2	797.51	1/2	1,138.48	1/2	1,481.71	1/2	1,824.95	1/2	2,168.19	1/2	2,511.43	1/2	2,854.64	1/2	3,197.80
3/4	145.85	3/4	461.98	3/4	804.61	3/4	1,145.63	3/4	1,488.86	3/4	1,832.10	3/4	2,175.34	3/4	2,518.58	3/4	2,861.79	3/4	3,204.95
8	151.91	8	469.04	8	811.70	8	1,152.78	8	1,496.02	8	1,839.25	8	2,182.49	8	2,525.73	8	2,868.94	8	3,212.10
1/4	158.06	1/4	476.17	1/4	818.79	1/4	1,159.93	1/4	1,503.17	1/4	1,846.40	1/4	2,189.64	1/4	2,532.88	1/4	2,876.09	1/4	3,219.25
1/2	164.21	1/2	483.29	1/2	825.88	1/2	1,167.08	1/2	1,510.32	1/2	1,853.56	1/2	2,196.79	1/2	2,540.03	1/2	2,883.24	1/2	3,226.40
3/4	170.35	3/4	490.42	3/4	832.97	3/4	1,174.23	3/4	1,517.47	3/4	1,860.71	3/4	2,203.94	3/4	2,547.18	3/4	2,890.39	3/4	3,233.55
9	176.50	9	497.55	9	840.06	9	1,181.38	9	1,524.62	9	1,867.86	9	2,211.10	9	2,554.33	9	2,897.54	9	3,240.69
1/4	182.73	1/4	504.70	1/4	847.15	1/4	1,188.53	1/4	1,531.77	1/4	1,875.01	1/4	2,218.25	1/4	2,561.48	1/4	2,904.69	1/4	3,247.84
1/2	188.96	1/2	511.85	1/2	854.24	1/2	1,195.68	1/2	1,538.92	1/2	1,882.16	1/2	2,225.40	1/2	2,568.64	1/2	2,911.84	1/2	3,254.99
3/4	195.20	3/4	519.00	3/4	861.33	3/4	1,202.83	3/4	1,546.07	3/4	1,889.31	3/4	2,232.55	3/4	2,575.79	3/4	2,918.99	3/4	3,262.14
10	201.43	10	526.15	10	868.42	10	1,209.98	10	1,553.22	10	1,896.46	10	2,239.70	10	2,582.94	10	2,926.14	10	3,269.29
1/4	207.74	1/4	533.30	1/4	875.51	1/4	1,217.13	1/4	1,560.37	1/4	1,903.61	1/4	2,246.85	1/4	2,590.09	1/4	2,933.29	1/4	3,276.44
1/2	214.06	1/2	540.45	1/2	882.60	1/2	1,224.29	1/2	1,567.52	1/2	1,910.76	1/2	2,254.00	1/2	2,597.24	1/2	2,940.44	1/2	3,283.58
3/4	220.37	3/4	547.60	3/4	889.69	3/4	1,231.44	3/4	1,574.67	3/4	1,917.91	3/4	2,261.15	3/4	2,604.39	3/4	2,947.59	3/4	3,290.73
11	226.69	11	554.75	11	896.78	11	1,238.59	11	1,581.83	11	1,925.06	11	2,268.30	11	2,611.54	11	2,954.75	11	3,297.88
1/4	233.09	1/4	561.90	1/4	903.87	1/4	1,245.74	1/4	1,588.98	1/4	1,932.21	1/4	2,275.45	1/4	2,618.69	1/4	2,961.90	1/4	3,305.03
1/2	239.48	1/2	569.05	1/2	910.97	1/2	1,252.89	1/2	1,596.13	1/2	1,939.37	1/2	2,282.60	1/2	2,625.84	1/2	2,969.05	1/2	3,312.18
3/4	245.88	3/4	576.20	3/4	918.06	3/4	1,260.04	3/4	1,603.28	3/4	1,946.52	3/4	2,289.75	3/4	2,632.98	3/4	2,976.20	3/4	3,319.33

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 3'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "FMT 3298"

**1 PORT
INNAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-01 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	3,326.47	0	3,669.60	0	4,012.82	0	4,355.58	0	4,697.23	0	5,018.71	0		0					
1/4	3,333.62	1/4	3,676.75	1/4	4,019.97	1/4	4,362.69	1/4	4,704.34	1/4	5,021.91	1/4		1/4					0
1/2	3,340.77	1/2	3,683.90	1/2	4,027.12	1/2	4,369.81	1/2	4,711.46	1/2	5,025.11	1/2		1/2					1/2
3/4	3,347.92	3/4	3,691.05	3/4	4,034.27	3/4	4,376.93	3/4	4,718.58	3/4	5,028.31	3/4		3/4					3/4
1	3,355.07	1	3,698.20	1	4,041.42	1	4,384.05	1	4,725.70	1	5,031.51	1		1					1
1/4	3,362.22	1/4	3,705.35	1/4	4,048.57	1/4	4,391.17	1/4	4,732.82	1/4	5,033.52	1/4		1/4					1/4
1/2	3,369.36	1/2	3,712.51	1/2	4,055.72	1/2	4,398.28	1/2	4,739.93	1/2	5,035.53	1/2		1/2					1/2
3/4	3,376.51	3/4	3,719.66	3/4	4,062.87	3/4	4,405.40	3/4	4,747.05	3/4	5,037.53	3/4		3/4					3/4
2	3,383.66	2	3,726.81	2	4,070.03	2	4,412.52	2	4,754.17	2	5,039.54	2		2					2
1/4	3,390.81	1/4	3,733.96	1/4	4,077.18	1/4	4,419.64	1/4	4,761.29	1/4	5,040.47	1/4		1/4					1/4
1/2	3,397.96	1/2	3,741.11	1/2	4,084.33	1/2	4,426.75	1/2	4,768.40	1/2	5,041.40	1/2		1/2					1/2
3/4	3,405.11	3/4	3,748.26	3/4	4,091.48	3/4	4,433.87	3/4	4,775.52	3/4	5,042.33	3/4		3/4					3/4
3	3,412.26	3	3,755.41	3	4,098.63	3	4,440.99	3	4,782.64	3		3		3					3
1/4	3,419.40	1/4	3,762.56	1/4	4,105.78	1/4	4,448.11	1/4	4,789.76	1/4		1/4		1/4					1/4
1/2	3,426.55	1/2	3,769.71	1/2	4,112.93	1/2	4,455.23	1/2	4,796.87	1/2		1/2		1/2					1/2
3/4	3,433.70	3/4	3,776.86	3/4	4,120.08	3/4	4,462.34	3/4	4,803.99	3/4		3/4		3/4					3/4
4	3,440.85	4	3,784.01	4	4,127.23	4	4,469.46	4	4,811.11	4		4		4					4
1/4	3,448.00	1/4	3,791.16	1/4	4,134.38	1/4	4,476.58	1/4	4,818.20	1/4		1/4		1/4					1/4
1/2	3,455.15	1/2	3,798.31	1/2	4,141.53	1/2	4,483.70	1/2	4,825.30	1/2		1/2		1/2					1/2
3/4	3,462.29	3/4	3,805.46	3/4	4,148.68	3/4	4,490.81	3/4	4,832.39	3/4		3/4		3/4					3/4
5	3,469.44	5	3,812.61	5	4,155.83	5	4,497.93	5	4,839.49	5		5		5					5
1/4	3,476.59	1/4	3,819.76	1/4	4,162.98	1/4	4,505.05	1/4	4,846.56	1/4		1/4		1/4					1/4
1/2	3,483.74	1/2	3,826.91	1/2	4,170.13	1/2	4,512.17	1/2	4,853.63	1/2		1/2		1/2					1/2
3/4	3,490.89	3/4	3,834.06	3/4	4,177.28	3/4	4,519.28	3/4	4,860.70	3/4		3/4		3/4					3/4
6	3,498.04	6	3,841.21	6	4,184.43	6	4,526.40	6	4,867.78	6		6		6					6
1/4	3,505.18	1/4	3,848.36	1/4	4,191.58	1/4	4,533.52	1/4	4,874.85	1/4		1/4		1/4					1/4
1/2	3,512.33	1/2	3,855.51	1/2	4,198.73	1/2	4,540.64	1/2	4,881.92	1/2		1/2		1/2					1/2
3/4	3,519.48	3/4	3,862.66	3/4	4,205.88	3/4	4,547.76	3/4	4,888.99	3/4		3/4		3/4					3/4
7	3,526.63	7	3,869.81	7	4,213.03	7	4,554.87	7	4,896.07	7		7		7					7
1/4	3,533.78	1/4	3,876.96	1/4	4,220.18	1/4	4,561.99	1/4	4,903.13	1/4		1/4		1/4					1/4
1/2	3,540.93	1/2	3,884.11	1/2	4,227.33	1/2	4,569.11	1/2	4,910.20	1/2		1/2		1/2					1/2
3/4	3,548.07	3/4	3,891.27	3/4	4,234.48	3/4	4,576.23	3/4	4,917.26	3/4		3/4		3/4					3/4
8	3,555.22	8	3,898.42	8	4,241.63	8	4,583.34	8	4,924.33	8		8		8					8
1/4	3,562.37	1/4	3,905.57	1/4	4,248.77	1/4	4,590.46	1/4	4,931.36	1/4		1/4		1/4					1/4
1/2	3,569.52	1/2	3,912.72	1/2	4,255.90	1/2	4,597.58	1/2	4,938.39	1/2		1/2		1/2					1/2
3/4	3,576.67	3/4	3,919.87	3/4	4,263.03	3/4	4,604.70	3/4	4,945.42	3/4		3/4		3/4					3/4
9	3,583.82	9	3,927.02	9	4,270.16	9	4,611.81	9	4,952.45	9		9		9					9
1/4	3,590.97	1/4	3,934.17	1/4	4,277.28	1/4	4,618.93	1/4	4,959.04	1/4		1/4		1/4					1/4
1/2	3,598.11	1/2	3,941.32	1/2	4,284.40	1/2	4,626.05	1/2	4,965.64	1/2		1/2		1/2					1/2
3/4	3,605.26	3/4	3,948.47	3/4	4,291.52	3/4	4,633.17	3/4	4,972.23	3/4		3/4		3/4					3/4
10	3,612.41	10	3,955.62	10	4,298.64	10	4,640.29	10	4,978.82	10		10		10					10
1/4	3,619.56	1/4	3,962.77	1/4	4,305.75	1/4	4,647.40	1/4	4,984.40	1/4		1/4		1/4					1/4
1/2	3,626.71	1/2	3,969.92	1/2	4,312.87	1/2	4,654.52	1/2	4,989.98	1/2		1/2		1/2					1/2
3/4	3,633.85	3/4	3,977.07	3/4	4,319.99	3/4	4,661.64	3/4	4,995.57	3/4		3/4		3/4					3/4
11	3,641.00	11	3,984.22	11	4,327.11	11	4,668.76	11	5,001.15	11		11		11					11
1/4	3,648.15	1/4	3,991.37	1/4	4,334.22	1/4	4,675.87	1/4	5,005.54	1/4		1/4		1/4					1/4
1/2	3,655.30	1/2	3,998.52	1/2	4,341.34	1/2	4,682.99	1/2	5,009.93	1/2		1/2		1/2					1/2
3/4	3,662.45	3/4	4,005.67	3/4	4,348.46	3/4	4,690.11	3/4	5,014.32	3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
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BARGE "FMT 3298"

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	251.61	0	581.87	0	924.07	0	1,266.31	0	1,608.68	0	1,951.05	0	2,293.42	0	2,635.79	0	2,978.14
1/4	3.93	1/4	258.07	1/4	589.00	1/4	931.19	1/4	1,273.45	1/4	1,615.82	1/4	1,958.19	1/4	2,300.56	1/4	2,642.92	1/4	2,985.27
1/2	5.71	1/2	264.54	1/2	596.14	1/2	938.32	1/2	1,280.58	1/2	1,622.95	1/2	1,965.32	1/2	2,307.69	1/2	2,650.06	1/2	2,992.40
3/4	7.50	3/4	271.00	3/4	603.27	3/4	945.44	3/4	1,287.71	3/4	1,630.08	3/4	1,972.45	3/4	2,314.82	3/4	2,657.19	3/4	2,999.53
1	9.28	1	277.47	1	610.40	1	952.57	1	1,294.84	1	1,637.21	1	1,979.58	1	2,321.95	1	2,664.32	1	3,006.67
1/4	12.08	1/4	284.02	1/4	617.53	1/4	959.69	1/4	1,301.98	1/4	1,644.35	1/4	1,986.72	1/4	2,329.09	1/4	2,671.45	1/4	3,013.80
1/2	14.87	1/2	290.56	1/2	624.67	1/2	966.81	1/2	1,309.11	1/2	1,651.48	1/2	1,993.85	1/2	2,336.22	1/2	2,678.58	1/2	3,020.93
3/4	17.66	3/4	297.11	3/4	631.80	3/4	973.94	3/4	1,316.24	3/4	1,658.61	3/4	2,000.98	3/4	2,343.35	3/4	2,685.72	3/4	3,028.06
2	20.46	2	303.66	2	638.93	2	981.06	2	1,323.38	2	1,665.75	2	2,008.11	2	2,350.48	2	2,692.85	2	3,035.19
1/4	24.31	1/4	310.29	1/4	646.06	1/4	988.18	1/4	1,330.51	1/4	1,672.88	1/4	2,015.25	1/4	2,357.62	1/4	2,699.98	1/4	3,042.32
1/2	28.15	1/2	316.93	1/2	653.20	1/2	995.31	1/2	1,337.64	1/2	1,680.01	1/2	2,022.38	1/2	2,364.75	1/2	2,707.11	1/2	3,049.45
3/4	32.00	3/4	323.56	3/4	660.33	3/4	1,002.43	3/4	1,344.77	3/4	1,687.14	3/4	2,029.51	3/4	2,371.88	3/4	2,714.25	3/4	3,056.58
3	35.85	3	330.19	3	667.46	3	1,009.56	3	1,351.91	3	1,694.28	3	2,036.65	3	2,379.02	3	2,721.38	3	3,063.71
1/4	41.10	1/4	336.91	1/4	674.59	1/4	1,016.68	1/4	1,359.04	1/4	1,701.41	1/4	2,043.78	1/4	2,386.15	1/4	2,728.51	1/4	3,070.84
1/2	46.35	1/2	343.62	1/2	681.73	1/2	1,023.81	1/2	1,366.17	1/2	1,708.54	1/2	2,050.91	1/2	2,393.28	1/2	2,735.64	1/2	3,077.97
3/4	51.60	3/4	350.34	3/4	688.86	3/4	1,030.94	3/4	1,373.30	3/4	1,715.67	3/4	2,058.04	3/4	2,400.41	3/4	2,742.77	3/4	3,085.10
4	56.85	4	357.05	4	695.99	4	1,038.07	4	1,380.44	4	1,722.81	4	2,065.18	4	2,407.55	4	2,749.91	4	3,092.23
1/4	62.62	1/4	363.85	1/4	703.12	1/4	1,045.20	1/4	1,387.57	1/4	1,729.94	1/4	2,072.31	1/4	2,414.68	1/4	2,757.04	1/4	3,099.36
1/2	68.40	1/2	370.65	1/2	710.26	1/2	1,052.33	1/2	1,394.70	1/2	1,737.07	1/2	2,079.44	1/2	2,421.81	1/2	2,764.17	1/2	3,106.49
3/4	74.17	3/4	377.45	3/4	717.39	3/4	1,059.47	3/4	1,401.84	3/4	1,744.20	3/4	2,086.57	3/4	2,428.94	3/4	2,771.30	3/4	3,113.62
5	79.95	5	384.25	5	724.52	5	1,066.60	5	1,408.97	5	1,751.34	5	2,093.71	5	2,436.08	5	2,778.44	5	3,120.75
1/4	85.82	1/4	391.13	1/4	731.65	1/4	1,073.73	1/4	1,416.10	1/4	1,758.47	1/4	2,100.84	1/4	2,443.21	1/4	2,785.57	1/4	3,127.88
1/2	91.70	1/2	398.01	1/2	738.79	1/2	1,080.86	1/2	1,423.23	1/2	1,765.60	1/2	2,107.97	1/2	2,450.34	1/2	2,792.70	1/2	3,135.01
3/4	97.57	3/4	404.89	3/4	745.92	3/4	1,088.00	3/4	1,430.37	3/4	1,772.74	3/4	2,115.11	3/4	2,457.47	3/4	2,799.83	3/4	3,142.14
6	103.45	6	411.78	6	753.05	6	1,095.13	6	1,437.50	6	1,779.87	6	2,122.24	6	2,464.61	6	2,806.96	6	3,149.27
1/4	109.41	1/4	418.74	1/4	760.18	1/4	1,102.26	1/4	1,444.63	1/4	1,787.00	1/4	2,129.37	1/4	2,471.74	1/4	2,814.10	1/4	3,156.40
1/2	115.38	1/2	425.71	1/2	767.32	1/2	1,109.39	1/2	1,451.76	1/2	1,794.13	1/2	2,136.50	1/2	2,478.87	1/2	2,821.23	1/2	3,163.53
3/4	121.34	3/4	432.67	3/4	774.45	3/4	1,116.53	3/4	1,458.90	3/4	1,801.27	3/4	2,143.64	3/4	2,486.01	3/4	2,828.36	3/4	3,170.66
7	127.31	7	439.64	7	781.58	7	1,123.66	7	1,466.03	7	1,808.40	7	2,150.77	7	2,493.14	7	2,835.49	7	3,177.79
1/4	133.35	1/4	446.69	1/4	788.71	1/4	1,130.79	1/4	1,473.16	1/4	1,815.53	1/4	2,157.90	1/4	2,500.27	1/4	2,842.63	1/4	3,184.92
1/2	139.40	1/2	453.74	1/2	795.84	1/2	1,137.93	1/2	1,480.29	1/2	1,822.66	1/2	2,165.03	1/2	2,507.40	1/2	2,849.76	1/2	3,192.05
3/4	145.45	3/4	460.79	3/4	802.96	3/4	1,145.06	3/4	1,487.43	3/4	1,829.80	3/4	2,172.17	3/4	2,514.54	3/4	2,856.89	3/4	3,199.18
8	151.50	8	467.84	8	810.09	8	1,152.19	8	1,494.56	8	1,836.93	8	2,179.30	8	2,521.67	8	2,864.02	8	3,206.31
1/4	157.63	1/4	474.95	1/4	817.21	1/4	1,159.32	1/4	1,501.69	1/4	1,844.06	1/4	2,186.43	1/4	2,528.80	1/4	2,871.15	1/4	3,213.44
1/2	163.76	1/2	482.06	1/2	824.34	1/2	1,166.46	1/2	1,508.83	1/2	1,851.20	1/2	2,193.56	1/2	2,535.93	1/2	2,878.29	1/2	3,220.57
3/4	169.89	3/4	489.17	3/4	831.46	3/4	1,173.59	3/4	1,515.96	3/4	1,858.33	3/4	2,200.70	3/4	2,543.07	3/4	2,885.42	3/4	3,227.70
9	176.03	9	496.28	9	838.59	9	1,180.72	9	1,523.09	9	1,865.46	9	2,207.83	9	2,550.20	9	2,892.55	9	3,234.84
1/4	182.24	1/4	503.41	1/4	845.71	1/4	1,187.85	1/4	1,530.22	1/4	1,872.59	1/4	2,214.96	1/4	2,557.33	1/4	2,899.68	1/4	3,241.97
1/2	188.46	1/2	510.55	1/2	852.83	1/2	1,194.99	1/2	1,537.36	1/2	1,879.73	1/2	2,222.10	1/2	2,564.47	1/2	2,906.82	1/2	3,249.10
3/4	194.67	3/4	517.68	3/4	859.96	3/4	1,202.12	3/4	1,544.49	3/4	1,886.86	3/4	2,229.23	3/4	2,571.60	3/4	2,913.95	3/4	3,256.23
10	200.89	10	524.81	10	867.08	10	1,209.25	10	1,551.62	10	1,893.99	10	2,236.36	10	2,578.73	10	2,921.08	10	3,263.36
1/4	207.18	1/4	531.94	1/4	874.20	1/4	1,216.39	1/4	1,558.75	1/4	1,901.12	1/4	2,243.49	1/4	2,585.86	1/4	2,928.21	1/4	3,270.49
1/2	213.48	1/2	539.08	1/2	881.33	1/2	1,223.52	1/2	1,565.89	1/2	1,908.26	1/2	2,250.63	1/2	2,593.00	1/2	2,935.34	1/2	3,277.62
3/4	219.78	3/4	546.21	3/4	888.45	3/4	1,230.65	3/4	1,573.02	3/4	1,915.39	3/4	2,257.76	3/4	2,600.13	3/4	2,942.48	3/4	3,284.75
11	226.08	11	553.34	11	895.58	11	1,237.78	11	1,580.15	11	1,922.52	11	2,264.89	11	2,607.26	11	2,949.61	11	3,291.88
1/4	232.46	1/4	560.47	1/4	902.70	1/4	1,244.92	1/4	1,587.29	1/4	1,929.66	1/4	2,272.02	1/4	2,614.39	1/4	2,956.74	1/4	3,299.01
1/2	238.84	1/2	567.61	1/2	909.82	1/2	1,252.05	1/2	1,594.42	1/2	1,936.79	1/2	2,279.16	1/2	2,621.53	1/2	2,963.87	1/2	3,306.14
3/4	245.22	3/4	574.74	3/4	916.95	3/4	1,259.18	3/4	1,601.55	3/4	1,943.92	3/4	2,286.29	3/4	2,628.66	3/4	2,971.00	3/4	3,313.27

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 3'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "FMT 3298"

**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	3,320.40	0	3,662.66	0	4,005.01	0	4,346.91	0	4,687.69	0	5,008.36	0		0					
1/4	3,327.53	1/4	3,669.80	1/4	4,012.15	1/4	4,354.01	1/4	4,694.79	1/4	5,011.55	1/4		1/4					1/4
1/2	3,334.66	1/2	3,676.93	1/2	4,019.28	1/2	4,361.10	1/2	4,701.89	1/2	5,014.75	1/2		1/2					1/2
3/4	3,341.79	3/4	3,684.06	3/4	4,026.41	3/4	4,368.20	3/4	4,708.99	3/4	5,017.94	3/4		3/4					3/4
1	3,348.92	1	3,691.19	1	4,033.54	1	4,375.30	1	4,716.09	1	5,021.13	1		1					1
1/4	3,356.05	1/4	3,698.33	1/4	4,040.68	1/4	4,382.40	1/4	4,723.19	1/4	5,023.13	1/4		1/4					1/4
1/2	3,363.18	1/2	3,705.46	1/2	4,047.81	1/2	4,389.50	1/2	4,730.29	1/2	5,025.13	1/2		1/2					1/2
3/4	3,370.31	3/4	3,712.59	3/4	4,054.94	3/4	4,396.60	3/4	4,737.39	3/4	5,027.13	3/4		3/4					3/4
2	3,377.44	2	3,719.72	2	4,062.07	2	4,403.70	2	4,744.49	2	5,029.14	2		2					2
1/4	3,384.57	1/4	3,726.85	1/4	4,069.20	1/4	4,410.80	1/4	4,751.59	1/4	5,030.06	1/4		1/4					1/4
1/2	3,391.70	1/2	3,733.99	1/2	4,076.34	1/2	4,417.90	1/2	4,758.69	1/2	5,030.99	1/2		1/2					1/2
3/4	3,398.83	3/4	3,741.12	3/4	4,083.47	3/4	4,425.00	3/4	4,765.79	3/4	5,031.92	3/4		3/4					3/4
3	3,405.96	3	3,748.25	3	4,090.60	3	4,432.10	3	4,772.89	3		3		3					3
1/4	3,413.09	1/4	3,755.38	1/4	4,097.73	1/4	4,439.20	1/4	4,779.99	1/4		1/4		1/4					1/4
1/2	3,420.22	1/2	3,762.52	1/2	4,104.87	1/2	4,446.30	1/2	4,787.09	1/2		1/2		1/2					1/2
3/4	3,427.35	3/4	3,769.65	3/4	4,112.00	3/4	4,453.40	3/4	4,794.19	3/4		3/4		3/4					3/4
4	3,434.48	4	3,776.78	4	4,119.13	4	4,460.50	4	4,801.29	4		4		4					4
1/4	3,441.61	1/4	3,783.91	1/4	4,126.26	1/4	4,467.60	1/4	4,808.36	1/4		1/4		1/4					1/4
1/2	3,448.74	1/2	3,791.04	1/2	4,133.40	1/2	4,474.70	1/2	4,815.44	1/2		1/2		1/2					1/2
3/4	3,455.87	3/4	3,798.18	3/4	4,140.53	3/4	4,481.80	3/4	4,822.52	3/4		3/4		3/4					3/4
5	3,463.00	5	3,805.31	5	4,147.66	5	4,488.90	5	4,829.59	5		5		5					5
1/4	3,470.14	1/4	3,812.44	1/4	4,154.79	1/4	4,496.00	1/4	4,836.65	1/4		1/4		1/4					1/4
1/2	3,477.27	1/2	3,819.57	1/2	4,161.92	1/2	4,503.10	1/2	4,843.70	1/2		1/2		1/2					1/2
3/4	3,484.40	3/4	3,826.71	3/4	4,169.06	3/4	4,510.20	3/4	4,850.76	3/4		3/4		3/4					3/4
6	3,491.53	6	3,833.84	6	4,176.19	6	4,517.30	6	4,857.81	6		6		6					6
1/4	3,498.66	1/4	3,840.97	1/4	4,183.32	1/4	4,524.40	1/4	4,864.87	1/4		1/4		1/4					1/4
1/2	3,505.79	1/2	3,848.10	1/2	4,190.45	1/2	4,531.50	1/2	4,871.92	1/2		1/2		1/2					1/2
3/4	3,512.92	3/4	3,855.24	3/4	4,197.59	3/4	4,538.60	3/4	4,878.97	3/4		3/4		3/4					3/4
7	3,520.05	7	3,862.37	7	4,204.72	7	4,545.70	7	4,886.03	7		7		7					7
1/4	3,527.18	1/4	3,869.50	1/4	4,211.85	1/4	4,552.80	1/4	4,893.07	1/4		1/4		1/4					1/4
1/2	3,534.31	1/2	3,876.63	1/2	4,218.98	1/2	4,559.90	1/2	4,900.12	1/2		1/2		1/2					1/2
3/4	3,541.44	3/4	3,883.76	3/4	4,226.12	3/4	4,567.00	3/4	4,907.17	3/4		3/4		3/4					3/4
8	3,548.57	8	3,890.90	8	4,233.25	8	4,574.10	8	4,914.22	8		8		8					8
1/4	3,555.70	1/4	3,898.03	1/4	4,240.36	1/4	4,581.20	1/4	4,921.23	1/4		1/4		1/4					1/4
1/2	3,562.83	1/2	3,905.16	1/2	4,247.48	1/2	4,588.30	1/2	4,928.24	1/2		1/2		1/2					1/2
3/4	3,569.96	3/4	3,912.29	3/4	4,254.59	3/4	4,595.40	3/4	4,935.26	3/4		3/4		3/4					3/4
9	3,577.09	9	3,919.43	9	4,261.71	9	4,602.49	9	4,942.27	9		9		9					9
1/4	3,584.22	1/4	3,926.56	1/4	4,268.81	1/4	4,609.59	1/4	4,948.84	1/4		1/4		1/4					1/4
1/2	3,591.35	1/2	3,933.69	1/2	4,275.91	1/2	4,616.69	1/2	4,955.42	1/2		1/2		1/2					1/2
3/4	3,598.48	3/4	3,940.82	3/4	4,283.01	3/4	4,623.79	3/4	4,961.99	3/4		3/4		3/4					3/4
10	3,605.61	10	3,947.96	10	4,290.11	10	4,630.89	10	4,968.57	10		10		10					10
1/4	3,612.74	1/4	3,955.09	1/4	4,297.21	1/4	4,637.99	1/4	4,974.14	1/4		1/4		1/4					1/4
1/2	3,619.87	1/2	3,962.22	1/2	4,304.31	1/2	4,645.09	1/2	4,979.70	1/2		1/2		1/2					1/2
3/4	3,627.00	3/4	3,969.35	3/4	4,311.41	3/4	4,652.19	3/4	4,985.27	3/4		3/4		3/4					3/4
11	3,634.13	11	3,976.48	11	4,318.51	11	4,659.29	11	4,990.84	11		11		11					11
1/4	3,641.27	1/4	3,983.62	1/4	4,325.61	1/4	4,666.39	1/4	4,995.22	1/4		1/4		1/4					1/4
1/2	3,648.40	1/2	3,990.75	1/2	4,332.71	1/2	4,673.49	1/2	4,999.60	1/2		1/2		1/2					1/2
3/4	3,655.53	3/4	3,997.88	3/4	4,339.81	3/4	4,680.59	3/4	5,003.98	3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "FMT 3298"

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	2.15	0	300.42	0	643.56	0	978.84	0	1,315.37	0	1,658.52	0	2,001.68	0	2,344.84	0	2,687.99	0	3,031.15
1/4	3.94	1/4	307.56	1/4	650.71	1/4	985.68	1/4	1,322.52	1/4	1,665.67	1/4	2,008.83	1/4	2,351.99	1/4	2,695.14	1/4	3,038.29
1/2	5.73	1/2	314.71	1/2	657.86	1/2	992.53	1/2	1,329.66	1/2	1,672.82	1/2	2,015.98	1/2	2,359.13	1/2	2,702.29	1/2	3,045.44
3/4	7.51	3/4	321.86	3/4	665.00	3/4	999.37	3/4	1,336.81	3/4	1,679.97	3/4	2,023.13	3/4	2,366.28	3/4	2,709.44	3/4	3,052.58
1	9.30	1	329.01	1	672.15	1	1,006.21	1	1,343.96	1	1,687.12	1	2,030.28	1	2,373.43	1	2,716.59	1	3,059.72
1/4	12.88	1/4	336.16	1/4	679.30	1/4	1,013.05	1/4	1,351.11	1/4	1,694.27	1/4	2,037.43	1/4	2,380.58	1/4	2,723.74	1/4	3,066.87
1/2	16.45	1/2	343.31	1/2	686.45	1/2	1,019.89	1/2	1,358.26	1/2	1,701.42	1/2	2,044.57	1/2	2,387.73	1/2	2,730.89	1/2	3,074.02
3/4	20.02	3/4	350.46	3/4	693.60	3/4	1,026.73	3/4	1,365.41	3/4	1,708.57	3/4	2,051.72	3/4	2,394.88	3/4	2,738.04	3/4	3,081.16
2	23.60	2	357.61	2	700.75	2	1,033.57	2	1,372.56	2	1,715.72	2	2,058.87	2	2,402.03	2	2,745.19	2	3,088.31
1/4	28.96	1/4	364.76	1/4	707.90	1/4	1,040.42	1/4	1,379.71	1/4	1,722.86	1/4	2,066.02	1/4	2,409.18	1/4	2,752.34	1/4	3,095.46
1/2	34.32	1/2	371.90	1/2	715.05	1/2	1,047.26	1/2	1,386.86	1/2	1,730.01	1/2	2,073.17	1/2	2,416.33	1/2	2,759.48	1/2	3,102.60
3/4	39.68	3/4	379.05	3/4	722.20	3/4	1,054.10	3/4	1,394.01	3/4	1,737.16	3/4	2,080.32	3/4	2,423.48	3/4	2,766.63	3/4	3,109.75
3	45.04	3	386.20	3	729.34	3	1,060.94	3	1,401.16	3	1,744.31	3	2,087.47	3	2,430.63	3	2,773.78	3	3,116.90
1/4	51.73	1/4	393.35	1/4	736.49	1/4	1,067.79	1/4	1,408.30	1/4	1,751.46	1/4	2,094.62	1/4	2,437.77	1/4	2,780.93	1/4	3,124.05
1/2	58.41	1/2	400.50	1/2	743.64	1/2	1,074.63	1/2	1,415.45	1/2	1,758.61	1/2	2,101.77	1/2	2,444.92	1/2	2,788.08	1/2	3,131.19
3/4	65.09	3/4	407.65	3/4	750.79	3/4	1,081.48	3/4	1,422.60	3/4	1,765.76	3/4	2,108.92	3/4	2,452.07	3/4	2,795.23	3/4	3,138.34
4	71.77	4	414.80	4	757.94	4	1,088.32	4	1,429.75	4	1,772.91	4	2,116.07	4	2,459.22	4	2,802.38	4	3,145.49
1/4	78.90	1/4	421.95	1/4	765.09	1/4	1,095.18	1/4	1,436.90	1/4	1,779.06	1/4	2,123.21	1/4	2,466.37	1/4	2,809.53	1/4	3,152.63
1/2	86.03	1/2	429.09	1/2	772.24	1/2	1,102.04	1/2	1,444.05	1/2	1,787.21	1/2	2,130.36	1/2	2,473.52	1/2	2,816.68	1/2	3,159.78
3/4	93.15	3/4	436.24	3/4	779.39	3/4	1,108.90	3/4	1,451.20	3/4	1,794.36	3/4	2,137.51	3/4	2,480.67	3/4	2,823.83	3/4	3,166.93
5	100.28	5	443.39	5	786.53	5	1,115.76	5	1,458.35	5	1,801.50	5	2,144.66	5	2,487.82	5	2,830.98	5	3,174.07
1/4	107.42	1/4	450.54	1/4	793.54	1/4	1,122.76	1/4	1,465.50	1/4	1,808.65	1/4	2,151.81	1/4	2,494.97	1/4	2,838.12	1/4	3,181.22
1/2	114.56	1/2	457.69	1/2	800.55	1/2	1,129.77	1/2	1,472.65	1/2	1,815.80	1/2	2,158.96	1/2	2,502.12	1/2	2,845.27	1/2	3,188.37
3/4	121.70	3/4	464.84	3/4	807.56	3/4	1,136.78	3/4	1,479.80	3/4	1,822.95	3/4	2,166.11	3/4	2,509.27	3/4	2,852.42	3/4	3,195.52
6	128.85	6	471.99	6	814.57	6	1,143.79	6	1,486.94	6	1,830.10	6	2,173.26	6	2,516.41	6	2,859.57	6	3,202.66
1/4	136.00	1/4	479.14	1/4	821.42	1/4	1,150.94	1/4	1,494.09	1/4	1,837.25	1/4	2,180.41	1/4	2,523.56	1/4	2,866.72	1/4	3,209.81
1/2	143.14	1/2	486.28	1/2	828.28	1/2	1,158.09	1/2	1,501.24	1/2	1,844.40	1/2	2,187.56	1/2	2,530.71	1/2	2,873.87	1/2	3,216.96
3/4	150.29	3/4	493.43	3/4	835.14	3/4	1,165.23	3/4	1,508.39	3/4	1,851.55	3/4	2,194.71	3/4	2,537.86	3/4	2,881.02	3/4	3,224.10
7	157.44	7	500.58	7	842.00	7	1,172.38	7	1,515.54	7	1,858.70	7	2,201.85	7	2,545.01	7	2,888.17	7	3,231.25
1/4	164.59	1/4	507.73	1/4	848.84	1/4	1,179.53	1/4	1,522.69	1/4	1,865.85	1/4	2,209.00	1/4	2,552.16	1/4	2,895.32	1/4	3,238.40
1/2	171.74	1/2	514.88	1/2	855.69	1/2	1,186.68	1/2	1,529.84	1/2	1,873.00	1/2	2,216.15	1/2	2,559.31	1/2	2,902.47	1/2	3,245.54
3/4	178.89	3/4	522.03	3/4	862.53	3/4	1,193.83	3/4	1,536.99	3/4	1,880.14	3/4	2,223.30	3/4	2,566.46	3/4	2,909.62	3/4	3,252.69
8	186.04	8	529.18	8	869.38	8	1,200.98	8	1,544.14	8	1,887.29	8	2,230.45	8	2,573.61	8	2,916.76	8	3,259.84
1/4	193.18	1/4	536.33	1/4	876.22	1/4	1,208.13	1/4	1,551.29	1/4	1,894.44	1/4	2,237.60	1/4	2,580.76	1/4	2,923.91	1/4	3,266.99
1/2	200.33	1/2	543.48	1/2	883.06	1/2	1,215.28	1/2	1,558.44	1/2	1,901.59	1/2	2,244.75	1/2	2,587.91	1/2	2,931.06	1/2	3,274.13
3/4	207.48	3/4	550.62	3/4	889.90	3/4	1,222.43	3/4	1,565.58	3/4	1,908.74	3/4	2,251.90	3/4	2,595.05	3/4	2,938.21	3/4	3,281.28
9	214.63	9	557.77	9	896.74	9	1,229.58	9	1,572.73	9	1,915.89	9	2,259.05	9	2,602.20	9	2,945.36	9	3,288.43
1/4	221.78	1/4	564.92	1/4	903.59	1/4	1,236.73	1/4	1,579.88	1/4	1,923.04	1/4	2,266.20	1/4	2,609.35	1/4	2,952.51	1/4	3,295.57
1/2	228.93	1/2	572.07	1/2	910.43	1/2	1,243.87	1/2	1,587.03	1/2	1,930.19	1/2	2,273.35	1/2	2,616.50	1/2	2,959.66	1/2	3,302.72
3/4	236.08	3/4	579.22	3/4	917.27	3/4	1,251.02	3/4	1,594.18	3/4	1,937.34	3/4	2,280.49	3/4	2,623.65	3/4	2,966.81	3/4	3,309.87
10	243.23	10	586.37	10	924.11	10	1,258.17	10	1,601.33	10	1,944.49	10	2,287.64	10	2,630.80	10	2,973.96	10	3,317.01
1/4	250.37	1/4	593.52	1/4	930.95	1/4	1,265.32	1/4	1,608.48	1/4	1,951.64	1/4	2,294.79	1/4	2,637.95	1/4	2,981.11	1/4	3,324.16
1/2	257.52	1/2	600.67	1/2	937.79	1/2	1,272.47	1/2	1,615.63	1/2	1,958.78	1/2	2,301.94	1/2	2,645.10	1/2	2,988.26	1/2	3,331.31
3/4	264.67	3/4	607.81	3/4	944.63	3/4	1,279.62	3/4	1,622.78	3/4	1,965.93	3/4	2,309.09	3/4	2,652.25	3/4	2,995.40	3/4	3,338.46
11	271.82	11	614.96	11	951.48	11	1,286.77	11	1,629.93	11	1,973.08	11	2,316.24	11	2,659.40	11	3,002.55	11	3,345.60
1/4	278.97	1/4	622.11	1/4	958.32	1/4	1,293.92	1/4	1,637.08	1/4	1,980.23	1/4	2,323.39	1/4	2,666.55	1/4	3,009.70	1/4	3,352.75
1/2	286.12	1/2	629.26	1/2	965.16	1/2	1,301.07	1/2	1,644.22	1/2	1,987.38	1/2	2,330.54	1/2	2,673.69	1/2	3,016.85	1/2	3,359.90
3/4	293.27	3/4	636.41	3/4	972.00	3/4	1,308.22	3/4	1,651.37	3/4	1,994.53	3/4	2,337.69	3/4	2,680.84	3/4	3,024.00	3/4	3,367.04

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 3'-00" FORWARD OF AFT BULKHEAD.

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





BARGE "FMT 3298"

**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	3,374.19	0	3,717.25	0	4,060.30	0	4,402.91	0	4,744.40	0	5,065.73	0		0					
1/4	3,381.34	1/4	3,724.39	1/4	4,067.45	1/4	4,410.02	1/4	4,751.51	1/4	5,068.93	1/4		1/4					1/4
1/2	3,388.48	1/2	3,731.54	1/2	4,074.60	1/2	4,417.14	1/2	4,758.63	1/2	5,072.12	1/2		1/2					1/2
3/4	3,395.63	3/4	3,738.69	3/4	4,081.74	3/4	4,424.25	3/4	4,765.74	3/4	5,075.32	3/4		3/4					3/4
1	3,402.78	1	3,745.83	1	4,088.89	1	4,431.36	1	4,772.86	1	5,078.52	1		1					1
1/4	3,409.93	1/4	3,752.98	1/4	4,096.04	1/4	4,438.48	1/4	4,779.97	1/4	5,080.52	1/4		1/4					1/4
1/2	3,417.07	1/2	3,760.13	1/2	4,103.18	1/2	4,445.59	1/2	4,787.08	1/2	5,082.53	1/2		1/2					1/2
3/4	3,424.22	3/4	3,767.28	3/4	4,110.33	3/4	4,452.71	3/4	4,794.20	3/4	5,084.54	3/4		3/4					3/4
2	3,431.37	2	3,774.42	2	4,117.48	2	4,459.82	2	4,801.31	2	5,086.54	2		2					2
1/4	3,438.51	1/4	3,781.57	1/4	4,124.63	1/4	4,466.94	1/4	4,808.43	1/4	5,087.47	1/4		1/4					1/4
1/2	3,445.66	1/2	3,788.72	1/2	4,131.77	1/2	4,474.05	1/2	4,815.54	1/2	5,088.40	1/2		1/2					1/2
3/4	3,452.81	3/4	3,795.86	3/4	4,138.92	3/4	4,481.16	3/4	4,822.66	3/4	5,089.33	3/4		3/4					3/4
3	3,459.95	3	3,803.01	3	4,146.07	3	4,488.28	3	4,829.77	3	5,090.26	3		3					3
1/4	3,467.10	1/4	3,810.16	1/4	4,153.21	1/4	4,495.39	1/4	4,836.88	1/4		1/4		1/4					1/4
1/2	3,474.25	1/2	3,817.30	1/2	4,160.36	1/2	4,502.51	1/2	4,844.00	1/2		1/2		1/2					1/2
3/4	3,481.40	3/4	3,824.45	3/4	4,167.51	3/4	4,509.62	3/4	4,851.11	3/4		3/4		3/4					3/4
4	3,488.54	4	3,831.60	4	4,174.65	4	4,516.74	4	4,858.23	4		4		4					4
1/4	3,495.69	1/4	3,838.75	1/4	4,181.80	1/4	4,523.85	1/4	4,865.32	1/4		1/4		1/4					1/4
1/2	3,502.84	1/2	3,845.89	1/2	4,188.95	1/2	4,530.97	1/2	4,872.41	1/2		1/2		1/2					1/2
3/4	3,509.98	3/4	3,853.04	3/4	4,196.10	3/4	4,538.08	3/4	4,879.50	3/4		3/4		3/4					3/4
5	3,517.13	5	3,860.19	5	4,203.24	5	4,545.19	5	4,886.60	5		5		5					5
1/4	3,524.28	1/4	3,867.33	1/4	4,210.39	1/4	4,552.31	1/4	4,893.67	1/4		1/4		1/4					1/4
1/2	3,531.42	1/2	3,874.48	1/2	4,217.54	1/2	4,559.42	1/2	4,900.74	1/2		1/2		1/2					1/2
3/4	3,538.57	3/4	3,881.63	3/4	4,224.68	3/4	4,566.54	3/4	4,907.81	3/4		3/4		3/4					3/4
6	3,545.72	6	3,888.77	6	4,231.83	6	4,573.65	6	4,914.87	6		6		6					6
1/4	3,552.87	1/4	3,895.92	1/4	4,238.98	1/4	4,580.77	1/4	4,921.94	1/4		1/4		1/4					1/4
1/2	3,560.01	1/2	3,903.07	1/2	4,246.12	1/2	4,587.88	1/2	4,929.01	1/2		1/2		1/2					1/2
3/4	3,567.16	3/4	3,910.22	3/4	4,253.27	3/4	4,595.00	3/4	4,936.08	3/4		3/4		3/4					3/4
7	3,574.31	7	3,917.36	7	4,260.42	7	4,602.11	7	4,943.15	7		7		7					7
1/4	3,581.45	1/4	3,924.51	1/4	4,267.57	1/4	4,609.22	1/4	4,950.21	1/4		1/4		1/4					1/4
1/2	3,588.60	1/2	3,931.66	1/2	4,274.71	1/2	4,616.34	1/2	4,957.27	1/2		1/2		1/2					1/2
3/4	3,595.75	3/4	3,938.80	3/4	4,281.86	3/4	4,623.45	3/4	4,964.33	3/4		3/4		3/4					3/4
8	3,602.89	8	3,945.95	8	4,289.01	8	4,630.57	8	4,971.39	8		8		8					8
1/4	3,610.04	1/4	3,953.10	1/4	4,296.14	1/4	4,637.68	1/4	4,978.42	1/4		1/4		1/4					1/4
1/2	3,617.19	1/2	3,960.24	1/2	4,303.27	1/2	4,644.80	1/2	4,985.45	1/2		1/2		1/2					1/2
3/4	3,624.34	3/4	3,967.39	3/4	4,310.40	3/4	4,651.91	3/4	4,992.47	3/4		3/4		3/4					3/4
9	3,631.48	9	3,974.54	9	4,317.53	9	4,659.02	9	4,999.50	9		9		9					9
1/4	3,638.63	1/4	3,981.69	1/4	4,324.65	1/4	4,666.14	1/4	5,006.09	1/4		1/4		1/4					1/4
1/2	3,645.78	1/2	3,988.83	1/2	4,331.76	1/2	4,673.25	1/2	5,012.68	1/2		1/2		1/2					1/2
3/4	3,652.92	3/4	3,995.98	3/4	4,338.88	3/4	4,680.37	3/4	5,019.27	3/4		3/4		3/4					3/4
10	3,660.07	10	4,003.13	10	4,345.99	10	4,687.48	10	5,025.86	10		10		10					10
1/4	3,667.22	1/4	4,010.27	1/4	4,353.11	1/4	4,694.60	1/4	5,031.44	1/4		1/4		1/4					1/4
1/2	3,674.36	1/2	4,017.42	1/2	4,360.22	1/2	4,701.71	1/2	5,037.02	1/2		1/2		1/2					1/2
3/4	3,681.51	3/4	4,024.57	3/4	4,367.33	3/4	4,708.83	3/4	5,042.60	3/4		3/4		3/4					3/4
11	3,688.66	11	4,031.71	11	4,374.45	11	4,715.94	11	5,048.18	11		11		11					11
1/4	3,695.81	1/4	4,038.86	1/4	4,381.56	1/4	4,723.05	1/4	5,052.56	1/4		1/4		1/4					1/4
1/2	3,702.95	1/2	4,046.01	1/2	4,388.68	1/2	4,730.17	1/2	5,056.95	1/2		1/2		1/2					1/2
3/4	3,710.10	3/4	4,053.16	3/4	4,395.79	3/4	4,737.28	3/4	5,061.34	3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "FMT 3298"

**2 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	2.16	0	300.91	0	644.61	0	988.04	0	1,331.54	0	1,675.25	0	2,018.96	0	2,362.68	0	2,706.39	0	3,050.10
1/4	3.95	1/4	308.07	1/4	651.77	1/4	995.19	1/4	1,338.70	1/4	1,682.41	1/4	2,026.12	1/4	2,369.84	1/4	2,713.55	1/4	3,057.26
1/2	5.74	1/2	315.23	1/2	658.93	1/2	1,002.33	1/2	1,345.86	1/2	1,689.57	1/2	2,033.28	1/2	2,377.00	1/2	2,720.71	1/2	3,064.43
3/4	7.53	3/4	322.39	3/4	666.09	3/4	1,009.48	3/4	1,353.02	3/4	1,696.73	3/4	2,040.44	3/4	2,384.16	3/4	2,727.87	3/4	3,071.59
1	9.32	1	329.55	1	673.25	1	1,016.63	1	1,360.18	1	1,703.89	1	2,047.61	1	2,391.32	1	2,735.03	1	3,078.75
1/4	12.90	1/4	336.71	1/4	680.41	1/4	1,023.77	1/4	1,367.34	1/4	1,711.05	1/4	2,054.77	1/4	2,398.48	1/4	2,742.19	1/4	3,085.91
1/2	16.48	1/2	343.87	1/2	687.57	1/2	1,030.92	1/2	1,374.50	1/2	1,718.21	1/2	2,061.93	1/2	2,405.64	1/2	2,749.35	1/2	3,093.07
3/4	20.06	3/4	351.03	3/4	694.73	3/4	1,038.07	3/4	1,381.66	3/4	1,725.37	3/4	2,069.09	3/4	2,412.80	3/4	2,756.51	3/4	3,100.22
2	23.64	2	358.19	2	701.89	2	1,045.21	2	1,388.82	2	1,732.53	2	2,076.25	2	2,419.96	2	2,763.68	2	3,107.38
1/4	29.01	1/4	365.35	1/4	709.05	1/4	1,052.36	1/4	1,395.98	1/4	1,739.70	1/4	2,083.41	1/4	2,427.12	1/4	2,770.84	1/4	3,114.54
1/2	34.38	1/2	372.51	1/2	716.21	1/2	1,059.51	1/2	1,403.14	1/2	1,746.86	1/2	2,090.57	1/2	2,434.28	1/2	2,778.00	1/2	3,121.70
3/4	39.75	3/4	379.67	3/4	723.37	3/4	1,066.65	3/4	1,410.30	3/4	1,754.02	3/4	2,097.73	3/4	2,441.44	3/4	2,785.16	3/4	3,128.86
3	45.12	3	386.83	3	730.53	3	1,073.80	3	1,417.46	3	1,761.18	3	2,104.89	3	2,448.60	3	2,792.32	3	3,136.02
1/4	51.81	1/4	393.99	1/4	737.69	1/4	1,080.95	1/4	1,424.62	1/4	1,768.34	1/4	2,112.05	1/4	2,455.77	1/4	2,799.48	1/4	3,143.18
1/2	58.50	1/2	401.15	1/2	744.85	1/2	1,088.10	1/2	1,431.79	1/2	1,775.50	1/2	2,119.21	1/2	2,462.93	1/2	2,806.64	1/2	3,150.34
3/4	65.20	3/4	408.31	3/4	752.01	3/4	1,095.25	3/4	1,438.95	3/4	1,782.66	3/4	2,126.37	3/4	2,470.09	3/4	2,813.80	3/4	3,157.49
4	71.89	4	415.47	4	759.17	4	1,102.40	4	1,446.11	4	1,789.82	4	2,133.53	4	2,477.25	4	2,820.96	4	3,164.65
1/4	79.03	1/4	422.63	1/4	766.33	1/4	1,109.56	1/4	1,453.27	1/4	1,796.98	1/4	2,140.69	1/4	2,484.41	1/4	2,828.12	1/4	3,171.81
1/2	86.17	1/2	429.79	1/2	773.49	1/2	1,116.72	1/2	1,460.43	1/2	1,804.14	1/2	2,147.86	1/2	2,491.57	1/2	2,835.28	1/2	3,178.97
3/4	93.30	3/4	436.95	3/4	780.65	3/4	1,123.88	3/4	1,467.59	3/4	1,811.30	3/4	2,155.02	3/4	2,498.73	3/4	2,842.44	3/4	3,186.13
5	100.44	5	444.11	5	787.81	5	1,131.04	5	1,474.75	5	1,818.46	5	2,162.18	5	2,505.89	5	2,849.60	5	3,193.29
1/4	107.60	1/4	451.27	1/4	794.97	1/4	1,138.20	1/4	1,481.91	1/4	1,825.62	1/4	2,169.34	1/4	2,513.05	1/4	2,856.76	1/4	3,200.45
1/2	114.75	1/2	458.43	1/2	802.13	1/2	1,145.36	1/2	1,489.07	1/2	1,832.78	1/2	2,176.50	1/2	2,520.21	1/2	2,863.93	1/2	3,207.61
3/4	121.90	3/4	465.60	3/4	809.29	3/4	1,152.52	3/4	1,496.23	3/4	1,839.94	3/4	2,183.66	3/4	2,527.37	3/4	2,871.09	3/4	3,214.76
6	129.06	6	472.76	6	816.45	6	1,159.68	6	1,503.39	6	1,847.11	6	2,190.82	6	2,534.53	6	2,878.25	6	3,221.92
1/4	136.22	1/4	479.92	1/4	823.61	1/4	1,166.84	1/4	1,510.55	1/4	1,854.27	1/4	2,197.98	1/4	2,541.69	1/4	2,885.41	1/4	3,229.08
1/2	143.38	1/2	487.08	1/2	830.77	1/2	1,174.00	1/2	1,517.71	1/2	1,861.43	1/2	2,205.14	1/2	2,548.85	1/2	2,892.57	1/2	3,236.24
3/4	150.54	3/4	494.24	3/4	837.93	3/4	1,181.16	3/4	1,524.87	3/4	1,868.59	3/4	2,212.30	3/4	2,556.01	3/4	2,899.73	3/4	3,243.40
7	157.70	7	501.40	7	845.09	7	1,188.32	7	1,532.03	7	1,875.75	7	2,219.46	7	2,563.18	7	2,906.89	7	3,250.56
1/4	164.86	1/4	508.56	1/4	852.24	1/4	1,195.48	1/4	1,539.20	1/4	1,882.91	1/4	2,226.62	1/4	2,570.34	1/4	2,914.05	1/4	3,257.72
1/2	172.02	1/2	515.72	1/2	859.40	1/2	1,202.64	1/2	1,546.36	1/2	1,890.07	1/2	2,233.78	1/2	2,577.50	1/2	2,921.21	1/2	3,264.88
3/4	179.18	3/4	522.88	3/4	866.55	3/4	1,209.80	3/4	1,553.52	3/4	1,897.23	3/4	2,240.94	3/4	2,584.66	3/4	2,928.37	3/4	3,272.03
8	186.34	8	530.04	8	873.70	8	1,216.96	8	1,560.68	8	1,904.39	8	2,248.10	8	2,591.82	8	2,935.53	8	3,279.19
1/4	193.50	1/4	537.20	1/4	880.84	1/4	1,224.12	1/4	1,567.84	1/4	1,911.55	1/4	2,255.27	1/4	2,598.98	1/4	2,942.69	1/4	3,286.35
1/2	200.66	1/2	544.36	1/2	887.99	1/2	1,231.29	1/2	1,575.00	1/2	1,918.71	1/2	2,262.43	1/2	2,606.14	1/2	2,949.85	1/2	3,293.51
3/4	207.82	3/4	551.52	3/4	895.14	3/4	1,238.45	3/4	1,582.16	3/4	1,925.87	3/4	2,269.59	3/4	2,613.30	3/4	2,957.01	3/4	3,300.67
9	214.98	9	558.68	9	902.28	9	1,245.61	9	1,589.32	9	1,933.03	9	2,276.75	9	2,620.46	9	2,964.17	9	3,307.83
1/4	222.14	1/4	565.84	1/4	909.43	1/4	1,252.77	1/4	1,596.48	1/4	1,940.19	1/4	2,283.91	1/4	2,627.62	1/4	2,971.34	1/4	3,314.99
1/2	229.30	1/2	573.00	1/2	916.57	1/2	1,259.93	1/2	1,603.64	1/2	1,947.36	1/2	2,291.07	1/2	2,634.78	1/2	2,978.50	1/2	3,322.14
3/4	236.46	3/4	580.16	3/4	923.72	3/4	1,267.09	3/4	1,610.80	3/4	1,954.52	3/4	2,298.23	3/4	2,641.94	3/4	2,985.66	3/4	3,329.30
10	243.62	10	587.32	10	930.87	10	1,274.25	10	1,617.96	10	1,961.68	10	2,305.39	10	2,649.10	10	2,992.82	10	3,336.46
1/4	250.78	1/4	594.48	1/4	938.01	1/4	1,281.41	1/4	1,625.12	1/4	1,968.84	1/4	2,312.55	1/4	2,656.26	1/4	2,999.98	1/4	3,343.62
1/2	257.94	1/2	601.64	1/2	945.16	1/2	1,288.57	1/2	1,632.28	1/2	1,976.00	1/2	2,319.71	1/2	2,663.43	1/2	3,007.14	1/2	3,350.78
3/4	265.10	3/4	608.80	3/4	952.31	3/4	1,295.73	3/4	1,639.45	3/4	1,983.16	3/4	2,326.87	3/4	2,670.59	3/4	3,014.30	3/4	3,357.94
11	272.26	11	615.96	11	959.45	11	1,302.89	11	1,646.61	11	1,990.32	11	2,334.03	11	2,677.75	11	3,021.46	11	3,365.10
1/4	279.42	1/4	623.12	1/4	966.60	1/4	1,310.05	1/4	1,653.77	1/4	1,997.48	1/4	2,341.19	1/4	2,684.91	1/4	3,028.62	1/4	3,372.26
1/2	286.59	1/2	630.28	1/2	973.75	1/2	1,317.21	1/2	1,660.93	1/2	2,004.64	1/2	2,348.35	1/2	2,692.07	1/2	3,035.78	1/2	3,379.41
3/4	293.75	3/4	637.44	3/4	980.89	3/4	1,324.37	3/4	1,668.09	3/4	2,011.80	3/4	2,355.52	3/4	2,699.23	3/4	3,042.94	3/4	3,386.57

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 3'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "FMT 3298"

2 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	3,393.73	0	3,737.36	0	4,081.08	0	4,424.33	0	4,766.48	0	5,088.43	0		0					
1/4	3,400.89	1/4	3,744.52	1/4	4,088.24	1/4	4,431.46	1/4	4,773.61	1/4	5,091.64	1/4		1/4					1/4
1/2	3,408.05	1/2	3,751.68	1/2	4,095.40	1/2	4,438.59	1/2	4,780.73	1/2	5,094.84	1/2		1/2					1/2
3/4	3,415.21	3/4	3,758.85	3/4	4,102.56	3/4	4,445.72	3/4	4,787.86	3/4	5,098.05	3/4		3/4					3/4
1	3,422.37	1	3,766.01	1	4,109.72	1	4,452.85	1	4,794.99	1	5,101.25	1		1					1
1/4	3,429.53	1/4	3,773.17	1/4	4,116.89	1/4	4,459.97	1/4	4,802.12	1/4	5,103.26	1/4		1/4					1/4
1/2	3,436.68	1/2	3,780.33	1/2	4,124.05	1/2	4,467.10	1/2	4,809.25	1/2	5,105.27	1/2		1/2					1/2
3/4	3,443.84	3/4	3,787.49	3/4	4,131.21	3/4	4,474.23	3/4	4,816.37	3/4	5,107.28	3/4		3/4					3/4
2	3,451.00	2	3,794.65	2	4,138.37	2	4,481.36	2	4,823.50	2	5,109.29	2		2					2
1/4	3,458.16	1/4	3,801.81	1/4	4,145.53	1/4	4,488.49	1/4	4,830.63	1/4	5,110.23	1/4		1/4					1/4
1/2	3,465.32	1/2	3,808.97	1/2	4,152.69	1/2	4,495.61	1/2	4,837.76	1/2	5,111.16	1/2		1/2					1/2
3/4	3,472.48	3/4	3,816.13	3/4	4,159.85	3/4	4,502.74	3/4	4,844.89	3/4	5,112.09	3/4		3/4					3/4
3	3,479.64	3	3,823.29	3	4,167.01	3	4,509.87	3	4,852.01	3		3		3					3
1/4	3,486.79	1/4	3,830.45	1/4	4,174.17	1/4	4,517.00	1/4	4,859.14	1/4		1/4		1/4					1/4
1/2	3,493.95	1/2	3,837.61	1/2	4,181.33	1/2	4,524.13	1/2	4,866.27	1/2		1/2		1/2					1/2
3/4	3,501.11	3/4	3,844.78	3/4	4,188.49	3/4	4,531.25	3/4	4,873.40	3/4		3/4		3/4					3/4
4	3,508.27	4	3,851.94	4	4,195.65	4	4,538.38	4	4,880.53	4		4		4					4
1/4	3,515.43	1/4	3,859.10	1/4	4,202.82	1/4	4,545.51	1/4	4,887.63	1/4		1/4		1/4					1/4
1/2	3,522.59	1/2	3,866.26	1/2	4,209.98	1/2	4,552.64	1/2	4,894.74	1/2		1/2		1/2					1/2
3/4	3,529.75	3/4	3,873.42	3/4	4,217.14	3/4	4,559.77	3/4	4,901.84	3/4		3/4		3/4					3/4
5	3,536.91	5	3,880.58	5	4,224.30	5	4,566.89	5	4,908.95	5		5		5					5
1/4	3,544.06	1/4	3,887.74	1/4	4,231.46	1/4	4,574.02	1/4	4,916.03	1/4		1/4		1/4					1/4
1/2	3,551.22	1/2	3,894.90	1/2	4,238.62	1/2	4,581.15	1/2	4,923.11	1/2		1/2		1/2					1/2
3/4	3,558.38	3/4	3,902.06	3/4	4,245.78	3/4	4,588.28	3/4	4,930.20	3/4		3/4		3/4					3/4
6	3,565.54	6	3,909.22	6	4,252.94	6	4,595.41	6	4,937.28	6		6		6					6
1/4	3,572.70	1/4	3,916.38	1/4	4,260.10	1/4	4,602.53	1/4	4,944.36	1/4		1/4		1/4					1/4
1/2	3,579.86	1/2	3,923.54	1/2	4,267.26	1/2	4,609.66	1/2	4,951.45	1/2		1/2		1/2					1/2
3/4	3,587.02	3/4	3,930.70	3/4	4,274.42	3/4	4,616.79	3/4	4,958.53	3/4		3/4		3/4					3/4
7	3,594.18	7	3,937.87	7	4,281.58	7	4,623.92	7	4,965.61	7		7		7					7
1/4	3,601.33	1/4	3,945.03	1/4	4,288.74	1/4	4,631.05	1/4	4,972.68	1/4		1/4		1/4					1/4
1/2	3,608.49	1/2	3,952.19	1/2	4,295.91	1/2	4,638.17	1/2	4,979.76	1/2		1/2		1/2					1/2
3/4	3,615.65	3/4	3,959.35	3/4	4,303.07	3/4	4,645.30	3/4	4,986.83	3/4		3/4		3/4					3/4
8	3,622.81	8	3,966.51	8	4,310.23	8	4,652.43	8	4,993.91	8		8		8					8
1/4	3,629.97	1/4	3,973.67	1/4	4,317.37	1/4	4,659.56	1/4	5,000.95	1/4		1/4		1/4					1/4
1/2	3,637.13	1/2	3,980.83	1/2	4,324.51	1/2	4,666.69	1/2	5,007.99	1/2		1/2		1/2					1/2
3/4	3,644.29	3/4	3,987.99	3/4	4,331.66	3/4	4,673.81	3/4	5,015.03	3/4		3/4		3/4					3/4
9	3,651.44	9	3,995.15	9	4,338.80	9	4,680.94	9	5,022.07	9		9		9					9
1/4	3,658.60	1/4	4,002.31	1/4	4,345.93	1/4	4,688.07	1/4	5,028.68	1/4		1/4		1/4					1/4
1/2	3,665.76	1/2	4,009.47	1/2	4,353.05	1/2	4,695.20	1/2	5,035.28	1/2		1/2		1/2					1/2
3/4	3,672.92	3/4	4,016.63	3/4	4,360.18	3/4	4,702.33	3/4	5,041.88	3/4		3/4		3/4					3/4
10	3,680.08	10	4,023.80	10	4,367.31	10	4,709.45	10	5,048.48	10		10		10					10
1/4	3,687.24	1/4	4,030.96	1/4	4,374.44	1/4	4,716.58	1/4	5,054.07	1/4		1/4		1/4					1/4
1/2	3,694.40	1/2	4,038.12	1/2	4,381.57	1/2	4,723.71	1/2	5,059.66	1/2		1/2		1/2					1/2
3/4	3,701.56	3/4	4,045.28	3/4	4,388.69	3/4	4,730.84	3/4	5,065.25	3/4		3/4		3/4					3/4
11	3,708.72	11	4,052.44	11	4,395.82	11	4,737.97	11	5,070.84	11		11		11					11
1/4	3,715.88	1/4	4,059.60	1/4	4,402.95	1/4	4,745.09	1/4	5,075.24	1/4		1/4		1/4					1/4
1/2	3,723.04	1/2	4,066.76	1/2	4,410.08	1/2	4,752.22	1/2	5,079.64	1/2		1/2		1/2					1/2
3/4	3,730.20	3/4	4,073.92	3/4	4,417.21	3/4	4,759.35	3/4	5,084.04	3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
 CALCULATED: 07/16/2019 CL
 PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "FMT 3298"

3 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	2.14	0	299.01	0	640.10	0	973.36	0	1,307.83	0	1,648.74	0	1,989.66	0	2,330.57	0	2,671.47	0	3,012.50
1/4	3.92	1/4	306.12	1/4	647.21	1/4	980.16	1/4	1,314.93	1/4	1,655.85	1/4	1,996.76	1/4	2,337.68	1/4	2,678.57	1/4	3,019.61
1/2	5.70	1/2	313.24	1/2	654.31	1/2	986.95	1/2	1,322.03	1/2	1,662.95	1/2	2,003.86	1/2	2,344.78	1/2	2,685.67	1/2	3,026.71
3/4	7.48	3/4	320.36	3/4	661.41	3/4	993.74	3/4	1,329.14	3/4	1,670.05	3/4	2,010.97	3/4	2,351.88	3/4	2,692.77	3/4	3,033.82
1	9.26	1	327.47	1	668.52	1	1,000.54	1	1,336.24	1	1,677.15	1	2,018.07	1	2,358.98	1	2,699.87	1	3,040.92
1/4	12.82	1/4	334.59	1/4	675.62	1/4	1,007.33	1/4	1,343.34	1/4	1,684.26	1/4	2,025.17	1/4	2,366.09	1/4	2,706.97	1/4	3,048.02
1/2	16.37	1/2	341.70	1/2	682.73	1/2	1,014.13	1/2	1,350.44	1/2	1,691.36	1/2	2,032.27	1/2	2,373.19	1/2	2,714.07	1/2	3,055.12
3/4	19.93	3/4	348.82	3/4	689.83	3/4	1,020.92	3/4	1,357.55	3/4	1,698.46	3/4	2,039.38	3/4	2,380.29	3/4	2,721.18	3/4	3,062.22
2	23.49	2	355.93	2	696.93	2	1,027.71	2	1,364.65	2	1,705.56	2	2,046.48	2	2,387.39	2	2,728.28	2	3,069.31
1/4	28.83	1/4	363.04	1/4	704.04	1/4	1,034.51	1/4	1,371.75	1/4	1,712.67	1/4	2,053.58	1/4	2,394.50	1/4	2,735.38	1/4	3,076.41
1/2	34.16	1/2	370.15	1/2	711.14	1/2	1,041.30	1/2	1,378.85	1/2	1,719.77	1/2	2,060.68	1/2	2,401.60	1/2	2,742.48	1/2	3,083.51
3/4	39.50	3/4	377.26	3/4	718.24	3/4	1,048.09	3/4	1,385.96	3/4	1,726.87	3/4	2,067.79	3/4	2,408.70	3/4	2,749.58	3/4	3,090.61
3	44.83	3	384.37	3	725.35	3	1,054.89	3	1,393.06	3	1,733.97	3	2,074.89	3	2,415.80	3	2,756.68	3	3,097.70
1/4	51.48	1/4	391.47	1/4	732.45	1/4	1,061.68	1/4	1,400.16	1/4	1,741.08	1/4	2,081.99	1/4	2,422.91	1/4	2,763.78	1/4	3,104.79
1/2	58.14	1/2	398.58	1/2	739.56	1/2	1,068.48	1/2	1,407.26	1/2	1,748.18	1/2	2,089.09	1/2	2,430.01	1/2	2,770.89	1/2	3,111.88
3/4	64.79	3/4	405.68	3/4	746.66	3/4	1,075.28	3/4	1,414.37	3/4	1,755.28	3/4	2,096.20	3/4	2,437.11	3/4	2,777.99	3/4	3,118.97
4	71.44	4	412.78	4	753.76	4	1,082.08	4	1,421.47	4	1,762.38	4	2,103.30	4	2,444.21	4	2,785.09	4	3,126.06
1/4	78.53	1/4	419.89	1/4	760.87	1/4	1,088.91	1/4	1,428.57	1/4	1,769.49	1/4	2,110.40	1/4	2,451.32	1/4	2,792.19	1/4	3,133.14
1/2	85.62	1/2	426.99	1/2	767.97	1/2	1,095.75	1/2	1,435.67	1/2	1,776.59	1/2	2,117.50	1/2	2,458.42	1/2	2,799.29	1/2	3,140.22
3/4	92.72	3/4	434.10	3/4	775.07	3/4	1,102.59	3/4	1,442.77	3/4	1,783.69	3/4	2,124.61	3/4	2,465.52	3/4	2,806.39	3/4	3,147.30
5	99.81	5	441.20	5	782.18	5	1,109.42	5	1,449.88	5	1,790.79	5	2,131.71	5	2,472.62	5	2,813.50	5	3,154.38
1/4	106.92	1/4	448.30	1/4	789.17	1/4	1,116.41	1/4	1,456.98	1/4	1,797.89	1/4	2,138.81	1/4	2,479.72	1/4	2,820.60	1/4	3,161.46
1/2	114.03	1/2	455.41	1/2	796.15	1/2	1,123.40	1/2	1,464.08	1/2	1,805.00	1/2	2,145.91	1/2	2,486.83	1/2	2,827.70	1/2	3,168.54
3/4	121.14	3/4	462.51	3/4	803.14	3/4	1,130.38	3/4	1,471.18	3/4	1,812.10	3/4	2,153.01	3/4	2,493.93	3/4	2,834.80	3/4	3,175.62
6	128.24	6	469.61	6	810.13	6	1,137.37	6	1,478.29	6	1,819.20	6	2,160.12	6	2,501.03	6	2,841.90	6	3,182.70
1/4	135.36	1/4	476.72	1/4	816.97	1/4	1,144.47	1/4	1,485.39	1/4	1,826.30	1/4	2,167.22	1/4	2,508.13	1/4	2,849.00	1/4	3,189.78
1/2	142.47	1/2	483.82	1/2	823.80	1/2	1,151.58	1/2	1,492.49	1/2	1,833.41	1/2	2,174.32	1/2	2,515.23	1/2	2,856.10	1/2	3,196.86
3/4	149.59	3/4	490.93	3/4	830.64	3/4	1,158.68	3/4	1,499.59	3/4	1,840.51	3/4	2,181.42	3/4	2,522.33	3/4	2,863.21	3/4	3,203.94
7	156.70	7	498.03	7	837.48	7	1,165.78	7	1,506.70	7	1,847.61	7	2,188.53	7	2,529.44	7	2,870.31	7	3,211.02
1/4	163.82	1/4	505.13	1/4	844.27	1/4	1,172.88	1/4	1,513.80	1/4	1,854.71	1/4	2,195.63	1/4	2,536.54	1/4	2,877.41	1/4	3,218.10
1/2	170.93	1/2	512.24	1/2	851.07	1/2	1,179.99	1/2	1,520.90	1/2	1,861.82	1/2	2,202.73	1/2	2,543.64	1/2	2,884.51	1/2	3,225.18
3/4	178.05	3/4	519.34	3/4	857.87	3/4	1,187.09	3/4	1,528.00	3/4	1,868.92	3/4	2,209.83	3/4	2,550.74	3/4	2,891.61	3/4	3,232.26
8	185.16	8	526.44	8	864.67	8	1,194.19	8	1,535.11	8	1,876.02	8	2,216.94	8	2,557.84	8	2,898.71	8	3,239.34
1/4	192.28	1/4	533.55	1/4	871.46	1/4	1,201.29	1/4	1,542.21	1/4	1,883.12	1/4	2,224.04	1/4	2,564.94	1/4	2,905.82	1/4	3,246.42
1/2	199.40	1/2	540.65	1/2	878.25	1/2	1,208.40	1/2	1,549.31	1/2	1,890.23	1/2	2,231.14	1/2	2,572.04	1/2	2,912.93	1/2	3,253.50
3/4	206.51	3/4	547.76	3/4	885.05	3/4	1,215.50	3/4	1,556.41	3/4	1,897.33	3/4	2,238.24	3/4	2,579.15	3/4	2,920.04	3/4	3,260.58
9	213.63	9	554.86	9	891.84	9	1,222.60	9	1,563.52	9	1,904.43	9	2,245.35	9	2,586.25	9	2,927.15	9	3,267.67
1/4	220.74	1/4	561.96	1/4	898.63	1/4	1,229.70	1/4	1,570.62	1/4	1,911.53	1/4	2,252.45	1/4	2,593.35	1/4	2,934.26	1/4	3,274.75
1/2	227.86	1/2	569.07	1/2	905.43	1/2	1,236.81	1/2	1,577.72	1/2	1,918.64	1/2	2,259.55	1/2	2,600.45	1/2	2,941.37	1/2	3,281.83
3/4	234.97	3/4	576.17	3/4	912.22	3/4	1,243.91	3/4	1,584.82	3/4	1,925.74	3/4	2,266.65	3/4	2,607.55	3/4	2,948.48	3/4	3,288.91
10	242.09	10	583.27	10	919.01	10	1,251.01	10	1,591.93	10	1,932.84	10	2,273.76	10	2,614.65	10	2,955.60	10	3,295.99
1/4	249.20	1/4	590.38	1/4	925.81	1/4	1,258.11	1/4	1,599.03	1/4	1,939.94	1/4	2,280.86	1/4	2,621.75	1/4	2,962.71	1/4	3,303.07
1/2	256.32	1/2	597.48	1/2	932.60	1/2	1,265.21	1/2	1,606.13	1/2	1,947.05	1/2	2,287.96	1/2	2,628.86	1/2	2,969.82	1/2	3,310.16
3/4	263.43	3/4	604.58	3/4	939.39	3/4	1,272.32	3/4	1,613.23	3/4	1,954.15	3/4	2,295.06	3/4	2,635.96	3/4	2,976.94	3/4	3,317.24
11	270.55	11	611.69	11	946.19	11	1,279.42	11	1,620.33	11	1,961.25	11	2,302.17	11	2,643.06	11	2,984.05	11	3,324.32
1/4	277.66	1/4	618.79	1/4	952.98	1/4	1,286.52	1/4	1,627.44	1/4	1,968.35	1/4	2,309.27	1/4	2,650.16	1/4	2,991.16	1/4	3,330.02
1/2	284.78	1/2	625.90	1/2	959.78	1/2	1,293.62	1/2	1,634.54	1/2	1,975.45	1/2	2,316.37	1/2	2,657.26	1/2	2,998.28	1/2	3,335.73
3/4	291.89	3/4	633.00	3/4	966.57	3/4	1,300.73	3/4	1,641.64	3/4	1,982.56	3/4	2,323.47	3/4	2,664.36	3/4	3,005.39	3/4	3,341.43

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 "FMT 3298"

**3 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	3,347.14	0	3,555.68	0	3,764.99	0	3,974.04	0	4,182.43	0	4,372.59	0		0					
1/4	3,351.46	1/4	3,560.04	1/4	3,769.35	1/4	3,978.38	1/4	4,186.78	1/4	4,374.29	1/4		1/4					
1/2	3,355.79	1/2	3,564.40	1/2	3,773.71	1/2	3,982.72	1/2	4,191.12	1/2	4,375.99	1/2		1/2					
3/4	3,360.12	3/4	3,568.76	3/4	3,778.07	3/4	3,987.06	3/4	4,195.46	3/4	4,377.70	3/4		3/4					
1	3,364.44	1	3,573.12	1	3,782.44	1	3,991.40	1	4,199.80	1	4,379.40	1		1					
1/4	3,368.78	1/4	3,577.48	1/4	3,786.80	1/4	3,995.75	1/4	4,204.14	1/4	4,381.10	1/4		1/4					
1/2	3,373.11	1/2	3,581.84	1/2	3,791.16	1/2	4,000.09	1/2	4,208.48	1/2	4,382.81	1/2		1/2					
3/4	3,377.45	3/4	3,586.20	3/4	3,795.52	3/4	4,004.43	3/4	4,212.83	3/4	4,384.51	3/4		3/4					
2	3,381.79	2	3,590.56	2	3,799.88	2	4,008.77	2	4,217.17	2	4,386.22	2		2					
1/4	3,386.13	1/4	3,594.93	1/4	3,804.24	1/4	4,013.11	1/4	4,221.51	1/4	4,387.29	1/4		1/4					
1/2	3,390.48	1/2	3,599.29	1/2	3,808.60	1/2	4,017.45	1/2	4,225.85	1/2	4,388.36	1/2		1/2					
3/4	3,394.82	3/4	3,603.65	3/4	3,812.96	3/4	4,021.79	3/4	4,230.19	3/4	4,389.44	3/4		3/4					
3	3,399.17	3	3,608.01	3	3,817.32	3	4,026.14	3	4,234.53	3		3		3					
1/4	3,403.51	1/4	3,612.37	1/4	3,821.68	1/4	4,030.48	1/4	4,238.87	1/4		1/4		1/4					
1/2	3,407.86	1/2	3,616.73	1/2	3,826.04	1/2	4,034.82	1/2	4,243.22	1/2		1/2		1/2					
3/4	3,412.20	3/4	3,621.09	3/4	3,830.40	3/4	4,039.16	3/4	4,247.56	3/4		3/4		3/4					
4	3,416.55	4	3,625.45	4	3,834.76	4	4,043.50	4	4,251.90	4		4		4					
1/4	3,420.89	1/4	3,629.81	1/4	3,839.12	1/4	4,047.84	1/4	4,256.23	1/4		1/4		1/4					
1/2	3,425.24	1/2	3,634.17	1/2	3,843.49	1/2	4,052.19	1/2	4,260.56	1/2		1/2		1/2					
3/4	3,429.58	3/4	3,638.53	3/4	3,847.85	3/4	4,056.53	3/4	4,264.89	3/4		3/4		3/4					
5	3,433.92	5	3,642.89	5	3,852.21	5	4,060.87	5	4,269.21	5		5		5					
1/4	3,438.27	1/4	3,647.25	1/4	3,856.57	1/4	4,065.21	1/4	4,273.53	1/4		1/4		1/4					
1/2	3,442.61	1/2	3,651.61	1/2	3,860.93	1/2	4,069.55	1/2	4,277.84	1/2		1/2		1/2					
3/4	3,446.96	3/4	3,655.98	3/4	3,865.29	3/4	4,073.89	3/4	4,282.16	3/4		3/4		3/4					
6	3,451.30	6	3,660.34	6	3,869.65	6	4,078.24	6	4,286.47	6		6		6					
1/4	3,455.65	1/4	3,664.70	1/4	3,874.01	1/4	4,082.58	1/4	4,290.78	1/4		1/4		1/4					
1/2	3,459.99	1/2	3,669.06	1/2	3,878.37	1/2	4,086.92	1/2	4,295.10	1/2		1/2		1/2					
3/4	3,464.34	3/4	3,673.42	3/4	3,882.73	3/4	4,091.26	3/4	4,299.41	3/4		3/4		3/4					
7	3,468.68	7	3,677.78	7	3,887.09	7	4,095.60	7	4,303.72	7		7		7					
1/4	3,473.03	1/4	3,682.14	1/4	3,891.45	1/4	4,099.94	1/4	4,308.03	1/4		1/4		1/4					
1/2	3,477.37	1/2	3,686.50	1/2	3,895.81	1/2	4,104.29	1/2	4,312.33	1/2		1/2		1/2					
3/4	3,481.72	3/4	3,690.86	3/4	3,900.17	3/4	4,108.63	3/4	4,316.64	3/4		3/4		3/4					
8	3,486.06	8	3,695.22	8	3,904.53	8	4,112.97	8	4,320.94	8		8		8					
1/4	3,490.41	1/4	3,699.58	1/4	3,908.89	1/4	4,117.31	1/4	4,325.22	1/4		1/4		1/4					
1/2	3,494.75	1/2	3,703.94	1/2	3,913.24	1/2	4,121.65	1/2	4,329.49	1/2		1/2		1/2					
3/4	3,499.10	3/4	3,708.30	3/4	3,917.59	3/4	4,125.99	3/4	4,333.76	3/4		3/4		3/4					
9	3,503.44	9	3,712.66	9	3,921.94	9	4,130.33	9	4,338.03	9		9		9					
1/4	3,507.79	1/4	3,717.02	1/4	3,926.28	1/4	4,134.68	1/4	4,341.87	1/4		1/4		1/4					
1/2	3,512.13	1/2	3,721.39	1/2	3,930.62	1/2	4,139.02	1/2	4,345.70	1/2		1/2		1/2					
3/4	3,516.48	3/4	3,725.75	3/4	3,934.96	3/4	4,143.36	3/4	4,349.54	3/4		3/4		3/4					
10	3,520.82	10	3,730.11	10	3,939.30	10	4,147.70	10	4,353.37	10		10		10					
1/4	3,525.18	1/4	3,734.47	1/4	3,943.65	1/4	4,152.04	1/4	4,356.21	1/4		1/4		1/4					
1/2	3,529.53	1/2	3,738.83	1/2	3,947.99	1/2	4,156.38	1/2	4,359.04	1/2		1/2		1/2					
3/4	3,533.88	3/4	3,743.19	3/4	3,952.33	3/4	4,160.73	3/4	4,361.87	3/4		3/4		3/4					
11	3,538.24	11	3,747.55	11	3,956.67	11	4,165.07	11	4,364.70	11		11		11					
1/4	3,542.60	1/4	3,751.91	1/4	3,961.01	1/4	4,169.41	1/4	4,366.67	1/4		1/4		1/4					
1/2	3,546.96	1/2	3,756.27	1/2	3,965.35	1/2	4,173.75	1/2	4,368.64	1/2		1/2		1/2					
3/4	3,551.32	3/4	3,760.63	3/4	3,969.70	3/4	4,178.09	3/4	4,370.62	3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.omacorp.net>



BARGE "FMT 3298"

**3 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	3,369.10	0	3,578.65	0	3,788.41	0	3,997.90	0	4,206.74	0	4,397.30	0		0					
1/4	3,373.44	1/4	3,583.02	1/4	3,792.78	1/4	4,002.25	1/4	4,211.09	1/4	4,399.01	1/4		1/4					
1/2	3,377.77	1/2	3,587.39	1/2	3,797.15	1/2	4,006.60	1/2	4,215.44	1/2	4,400.72	1/2		1/2					
3/4	3,382.11	3/4	3,591.76	3/4	3,801.52	3/4	4,010.95	3/4	4,219.79	3/4	4,402.43	3/4		3/4					
1	3,386.44	1	3,596.13	1	3,805.89	1	4,015.30	1	4,224.14	1	4,404.13	1		1					
1/4	3,390.79	1/4	3,600.50	1/4	3,810.26	1/4	4,019.65	1/4	4,228.49	1/4	4,405.84	1/4		1/4					
1/2	3,395.14	1/2	3,604.87	1/2	3,814.63	1/2	4,024.00	1/2	4,232.84	1/2	4,407.55	1/2		1/2					
3/4	3,399.50	3/4	3,609.24	3/4	3,819.00	3/4	4,028.35	3/4	4,237.19	3/4	4,409.25	3/4		3/4					
2	3,403.85	2	3,613.61	2	3,823.37	2	4,032.70	2	4,241.55	2	4,410.96	2		2					
1/4	3,408.22	1/4	3,617.98	1/4	3,827.74	1/4	4,037.05	1/4	4,245.90	1/4	4,412.04	1/4		1/4					
1/2	3,412.59	1/2	3,622.35	1/2	3,832.11	1/2	4,041.40	1/2	4,250.25	1/2	4,413.11	1/2		1/2					
3/4	3,416.96	3/4	3,626.72	3/4	3,836.48	3/4	4,045.76	3/4	4,254.60	3/4	4,414.19	3/4		3/4					
3	3,421.33	3	3,631.09	3	3,840.85	3	4,050.11	3	4,258.95	3		3		3					
1/4	3,425.70	1/4	3,635.46	1/4	3,845.22	1/4	4,054.46	1/4	4,263.30	1/4		1/4		1/4					
1/2	3,430.07	1/2	3,639.83	1/2	3,849.59	1/2	4,058.81	1/2	4,267.65	1/2		1/2		1/2					
3/4	3,434.44	3/4	3,644.20	3/4	3,853.96	3/4	4,063.16	3/4	4,272.00	3/4		3/4		3/4					
4	3,438.81	4	3,648.57	4	3,858.33	4	4,067.51	4	4,276.35	4		4		4					
1/4	3,443.18	1/4	3,652.94	1/4	3,862.70	1/4	4,071.86	1/4	4,280.69	1/4		1/4		1/4					
1/2	3,447.55	1/2	3,657.31	1/2	3,867.07	1/2	4,076.21	1/2	4,285.03	1/2		1/2		1/2					
3/4	3,451.92	3/4	3,661.68	3/4	3,871.44	3/4	4,080.56	3/4	4,289.36	3/4		3/4		3/4					
5	3,456.29	5	3,666.05	5	3,875.81	5	4,084.91	5	4,293.70	5		5		5					
1/4	3,460.66	1/4	3,670.42	1/4	3,880.18	1/4	4,089.26	1/4	4,298.03	1/4		1/4		1/4					
1/2	3,465.03	1/2	3,674.79	1/2	3,884.55	1/2	4,093.62	1/2	4,302.35	1/2		1/2		1/2					
3/4	3,469.40	3/4	3,679.16	3/4	3,888.92	3/4	4,097.97	3/4	4,306.67	3/4		3/4		3/4					
6	3,473.77	6	3,683.53	6	3,893.29	6	4,102.32	6	4,311.00	6		6		6					
1/4	3,478.14	1/4	3,687.90	1/4	3,897.66	1/4	4,106.67	1/4	4,315.32	1/4		1/4		1/4					
1/2	3,482.51	1/2	3,692.27	1/2	3,902.03	1/2	4,111.02	1/2	4,319.64	1/2		1/2		1/2					
3/4	3,486.88	3/4	3,696.64	3/4	3,906.40	3/4	4,115.37	3/4	4,323.96	3/4		3/4		3/4					
7	3,491.25	7	3,701.01	7	3,910.77	7	4,119.72	7	4,328.28	7		7		7					
1/4	3,495.62	1/4	3,705.38	1/4	3,915.14	1/4	4,124.07	1/4	4,332.60	1/4		1/4		1/4					
1/2	3,499.99	1/2	3,709.75	1/2	3,919.51	1/2	4,128.42	1/2	4,336.91	1/2		1/2		1/2					
3/4	3,504.36	3/4	3,714.12	3/4	3,923.88	3/4	4,132.77	3/4	4,341.23	3/4		3/4		3/4					
8	3,508.73	8	3,718.49	8	3,928.25	8	4,137.12	8	4,345.54	8		8		8					
1/4	3,513.10	1/4	3,722.86	1/4	3,932.61	1/4	4,141.48	1/4	4,349.82	1/4		1/4		1/4					
1/2	3,517.47	1/2	3,727.23	1/2	3,936.97	1/2	4,145.83	1/2	4,354.10	1/2		1/2		1/2					
3/4	3,521.84	3/4	3,731.60	3/4	3,941.33	3/4	4,150.18	3/4	4,358.39	3/4		3/4		3/4					
9	3,526.21	9	3,735.97	9	3,945.68	9	4,154.53	9	4,362.67	9		9		9					
1/4	3,530.58	1/4	3,740.34	1/4	3,950.04	1/4	4,158.88	1/4	4,366.51	1/4		1/4		1/4					
1/2	3,534.95	1/2	3,744.71	1/2	3,954.39	1/2	4,163.23	1/2	4,370.36	1/2		1/2		1/2					
3/4	3,539.32	3/4	3,749.08	3/4	3,958.74	3/4	4,167.58	3/4	4,374.20	3/4		3/4		3/4					
10	3,543.69	10	3,753.45	10	3,963.09	10	4,171.93	10	4,378.04	10		10		10					
1/4	3,548.06	1/4	3,757.82	1/4	3,967.44	1/4	4,176.28	1/4	4,380.88	1/4		1/4		1/4					
1/2	3,552.43	1/2	3,762.19	1/2	3,971.79	1/2	4,180.63	1/2	4,383.72	1/2		1/2		1/2					
3/4	3,556.80	3/4	3,766.56	3/4	3,976.14	3/4	4,184.98	3/4	4,386.56	3/4		3/4		3/4					
11	3,561.17	11	3,770.93	11	3,980.49	11	4,189.33	11	4,389.40	11		11		11					
1/4	3,565.54	1/4	3,775.30	1/4	3,984.84	1/4	4,193.69	1/4	4,391.38	1/4		1/4		1/4					
1/2	3,569.91	1/2	3,779.67	1/2	3,989.19	1/2	4,198.04	1/2	4,393.35	1/2		1/2		1/2					
3/4	3,574.28	3/4	3,784.04	3/4	3,993.54	3/4	4,202.39	3/4	4,395.33	3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

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 15, 2019

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

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BARGE "FMT 3298"

1 PORT ULLAGE TABLE

10" HATCH GAUGE HEIGHT 18'-01 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		0	5,037.53	0	4,747.05	0	4,405.40	0	4,062.88	0	3,719.66	0	3,376.51	0	3,033.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,035.53	1/4	4,739.93	1/4	4,398.28	1/4	4,055.72	1/4	3,712.51	1/4	3,369.37	1/4	3,026.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,033.52	1/2	4,732.82	1/2	4,391.17	1/2	4,048.57	1/2	3,705.36	1/2	3,362.22	1/2	3,019.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,031.51	3/4	4,725.70	3/4	4,384.05	3/4	4,041.42	3/4	3,698.20	3/4	3,355.07	3/4	3,011.95
1		1		1		1	5,028.31	1	4,718.58	1	4,376.93	1	4,034.27	1	3,691.05	1	3,347.92	1	3,004.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,025.11	1/4	4,711.46	1/4	4,369.81	1/4	4,027.12	1/4	3,683.90	1/4	3,340.77	1/4	2,997.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,021.91	1/2	4,704.34	1/2	4,362.70	1/2	4,019.97	1/2	3,676.75	1/2	3,333.62	1/2	2,990.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,018.72	3/4	4,697.23	3/4	4,355.58	3/4	4,012.82	3/4	3,669.60	3/4	3,326.47	3/4	2,983.35
2		2		2		2	5,014.32	2	4,690.11	2	4,348.46	2	4,005.67	2	3,662.45	2	3,319.33	2	2,976.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,009.93	1/4	4,682.99	1/4	4,341.34	1/4	3,998.52	1/4	3,655.30	1/4	3,312.18	1/4	2,969.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,005.54	1/2	4,675.87	1/2	4,334.22	1/2	3,991.37	1/2	3,648.15	1/2	3,305.03	1/2	2,961.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,001.15	3/4	4,668.76	3/4	4,327.11	3/4	3,984.22	3/4	3,641.00	3/4	3,297.88	3/4	2,954.75
3		3		3		3	4,995.57	3	4,661.64	3	4,319.99	3	3,977.07	3	3,633.85	3	3,290.73	3	2,947.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,989.98	1/4	4,654.52	1/4	4,312.87	1/4	3,969.92	1/4	3,626.71	1/4	3,283.58	1/4	2,940.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,984.40	1/2	4,647.40	1/2	4,305.75	1/2	3,962.77	1/2	3,619.56	1/2	3,276.44	1/2	2,933.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,978.82	3/4	4,640.29	3/4	4,298.64	3/4	3,955.62	3/4	3,612.41	3/4	3,269.29	3/4	2,926.14
4		4		4		4	4,972.23	4	4,633.17	4	4,291.52	4	3,948.47	4	3,605.26	4	3,262.14	4	2,918.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,965.64	1/4	4,626.05	1/4	4,284.40	1/4	3,941.32	1/4	3,598.11	1/4	3,254.99	1/4	2,911.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,959.04	1/2	4,618.93	1/2	4,277.28	1/2	3,934.17	1/2	3,590.97	1/2	3,247.84	1/2	2,904.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,952.45	3/4	4,611.81	3/4	4,270.17	3/4	3,927.02	3/4	3,583.82	3/4	3,240.69	3/4	2,897.54
5		5		5		5	4,945.42	5	4,604.70	5	4,263.03	5	3,919.87	5	3,576.67	5	3,233.55	5	2,890.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,938.39	1/4	4,597.58	1/4	4,255.90	1/4	3,912.72	1/4	3,569.52	1/4	3,226.40	1/4	2,883.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,931.36	1/2	4,590.46	1/2	4,248.77	1/2	3,905.57	1/2	3,562.37	1/2	3,219.25	1/2	2,876.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,924.33	3/4	4,583.34	3/4	4,241.64	3/4	3,898.42	3/4	3,555.22	3/4	3,212.10	3/4	2,868.94
6		6		6		6	4,917.26	6	4,576.23	6	4,234.48	6	3,891.27	6	3,548.08	6	3,204.95	6	2,861.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,910.20	1/4	4,569.11	1/4	4,227.33	1/4	3,884.12	1/4	3,540.93	1/4	3,197.80	1/4	2,854.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,903.13	1/2	4,561.99	1/2	4,220.18	1/2	3,876.96	1/2	3,533.78	1/2	3,190.66	1/2	2,847.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,896.07	3/4	4,554.87	3/4	4,213.03	3/4	3,869.81	3/4	3,526.63	3/4	3,183.51	3/4	2,840.34
7		7		7		7	4,889.00	7	4,547.76	7	4,205.88	7	3,862.66	7	3,519.48	7	3,176.36	7	2,833.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,881.92	1/4	4,540.64	1/4	4,198.73	1/4	3,855.51	1/4	3,512.33	1/4	3,169.21	1/4	2,826.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,874.85	1/2	4,533.52	1/2	4,191.58	1/2	3,848.36	1/2	3,505.18	1/2	3,162.06	1/2	2,818.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,867.78	3/4	4,526.40	3/4	4,184.43	3/4	3,841.21	3/4	3,498.04	3/4	3,154.91	3/4	2,811.74
8		8		8		8	4,860.71	8	4,519.28	8	4,177.28	8	3,834.06	8	3,490.89	8	3,147.76	8	2,804.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,853.63	1/4	4,512.17	1/4	4,170.13	1/4	3,826.91	1/4	3,483.74	1/4	3,140.62	1/4	2,797.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,846.56	1/2	4,505.05	1/2	4,162.98	1/2	3,819.76	1/2	3,476.59	1/2	3,133.47	1/2	2,790.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,839.49	3/4	4,497.93	3/4	4,155.83	3/4	3,812.61	3/4	3,469.44	3/4	3,126.32	3/4	2,783.14
9		9		9		9	4,832.39	9	4,490.81	9	4,148.68	9	3,805.46	9	3,462.29	9	3,119.17	9	2,775.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,825.30	1/4	4,483.70	1/4	4,141.53	1/4	3,798.31	1/4	3,455.15	1/4	3,112.02	1/4	2,768.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,818.20	1/2	4,476.58	1/2	4,134.38	1/2	3,791.16	1/2	3,448.00	1/2	3,104.87	1/2	2,761.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,811.11	3/4	4,469.46	3/4	4,127.23	3/4	3,784.01	3/4	3,440.85	3/4	3,097.73	3/4	2,754.54
10		10		10		10	4,803.99	10	4,462.34	10	4,120.08	10	3,776.86	10	3,433.70	10	3,090.58	10	2,747.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,796.88	1/4	4,455.23	1/4	4,112.93	1/4	3,769.71	1/4	3,426.55	1/4	3,083.43	1/4	2,740.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,789.76	1/2	4,448.11	1/2	4,105.78	1/2	3,762.56	1/2	3,419.40	1/2	3,076.28	1/2	2,733.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,782.64	3/4	4,440.99	3/4	4,098.63	3/4	3,755.41	3/4	3,412.26	3/4	3,069.13	3/4	2,725.94
11		11		11	5,042.33	11	4,775.52	11	4,433.87	11	4,091.48	11	3,748.26	11	3,405.11	11	3,061.98	11	2,718.79
1/4	1/4	1/4	1/4	1/4	5,041.40	1/4	4,768.40	1/4	4,426.75	1/4	4,084.33	1/4	3,741.11	1/4	3,397.96	1/4	3,054.84	1/4	2,711.64
1/2	1/2	1/2	1/2	1/2	5,040.47	1/2	4,761.29	1/2	4,419.64	1/2	4,077.18	1/2	3,733.96	1/2	3,390.81	1/2	3,047.69	1/2	2,704.49
3/4	3/4	3/4	3/4	3/4	5,039.54	3/4	4,754.17	3/4	4,412.52	3/4	4,070.03	3/4	3,726.81	3/4	3,383.66	3/4	3,040.54	3/4	2,697.33

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
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BARGE "FMT 3298"

1 PORT
ULLAGE TABLE
10" HATCH
GAUGE HEIGHT 18'-01 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	2,690.18	0	2,346.96	0	2,003.72	0	1,660.48	0	1,317.25	0	974.78	0	633.41	0	297.91	0	17.71	0	
1/4	2,683.03	1/4	2,339.81	1/4	1,996.57	1/4	1,653.33	1/4	1,310.10	1/4	967.69	1/4	626.26	1/4	291.34	1/4	14.91	1/4	
1/2	2,675.88	1/2	2,332.66	1/2	1,989.42	1/2	1,646.18	1/2	1,302.94	1/2	960.60	1/2	619.11	1/2	284.78	1/2	12.11	1/2	
3/4	2,668.73	3/4	2,325.51	3/4	1,982.27	3/4	1,639.03	3/4	1,295.79	3/4	953.51	3/4	611.96	3/4	278.21	3/4	9.31	3/4	
1	2,661.58	1	2,318.36	1	1,975.12	1	1,631.88	1	1,288.64	1	946.42	1	604.81	1	271.73	1	7.52	1	
1/4	2,654.43	1/4	2,311.21	1/4	1,967.97	1/4	1,624.73	1/4	1,281.49	1/4	939.33	1/4	597.66	1/4	265.25	1/4	5.73	1/4	
1/2	2,647.28	1/2	2,304.06	1/2	1,960.82	1/2	1,617.58	1/2	1,274.34	1/2	932.24	1/2	590.51	1/2	258.76	1/2	3.94	1/2	
3/4	2,640.13	3/4	2,296.91	3/4	1,953.67	3/4	1,610.43	3/4	1,267.19	3/4	925.15	3/4	583.35	3/4	252.28	3/4	2.16	3/4	
2	2,632.98	2	2,289.75	2	1,946.52	2	1,603.28	2	1,260.04	2	918.06	2	576.20	2	245.88	2		2	
1/4	2,625.84	1/4	2,282.60	1/4	1,939.37	1/4	1,596.13	1/4	1,252.89	1/4	910.97	1/4	569.05	1/4	239.49	1/4		1/4	
1/2	2,618.69	1/2	2,275.45	1/2	1,932.21	1/2	1,588.98	1/2	1,245.74	1/2	903.88	1/2	561.90	1/2	233.09	1/2		1/2	
3/4	2,611.54	3/4	2,268.30	3/4	1,925.06	3/4	1,581.83	3/4	1,238.59	3/4	896.78	3/4	554.75	3/4	226.69	3/4		3/4	
3	2,604.39	3	2,261.15	3	1,917.91	3	1,574.67	3	1,231.44	3	889.69	3	547.60	3	220.37	3		3	
1/4	2,597.24	1/4	2,254.00	1/4	1,910.76	1/4	1,567.52	1/4	1,224.29	1/4	882.60	1/4	540.45	1/4	214.06	1/4		1/4	
1/2	2,590.09	1/2	2,246.85	1/2	1,903.61	1/2	1,560.37	1/2	1,217.13	1/2	875.51	1/2	533.30	1/2	207.74	1/2		1/2	
3/4	2,582.94	3/4	2,239.70	3/4	1,896.46	3/4	1,553.22	3/4	1,209.98	3/4	868.42	3/4	526.15	3/4	201.43	3/4		3/4	
4	2,575.79	4	2,232.55	4	1,889.31	4	1,546.07	4	1,202.83	4	861.33	4	519.00	4	195.20	4		4	
1/4	2,568.64	1/4	2,225.40	1/4	1,882.16	1/4	1,538.92	1/4	1,195.68	1/4	854.24	1/4	511.85	1/4	188.96	1/4		1/4	
1/2	2,561.49	1/2	2,218.25	1/2	1,875.01	1/2	1,531.77	1/2	1,188.53	1/2	847.15	1/2	504.70	1/2	182.73	1/2		1/2	
3/4	2,554.33	3/4	2,211.10	3/4	1,867.86	3/4	1,524.62	3/4	1,181.38	3/4	840.06	3/4	497.55	3/4	176.50	3/4		3/4	
5	2,547.18	5	2,203.95	5	1,860.71	5	1,517.47	5	1,174.23	5	832.97	5	490.42	5	170.35	5		5	
1/4	2,540.03	1/4	2,196.79	1/4	1,853.56	1/4	1,510.32	1/4	1,167.08	1/4	825.88	1/4	483.29	1/4	164.21	1/4		1/4	
1/2	2,532.88	1/2	2,189.64	1/2	1,846.41	1/2	1,503.17	1/2	1,159.93	1/2	818.79	1/2	476.17	1/2	158.06	1/2		1/2	
3/4	2,525.73	3/4	2,182.49	3/4	1,839.25	3/4	1,496.02	3/4	1,152.78	3/4	811.70	3/4	469.04	3/4	151.91	3/4		3/4	
6	2,518.58	6	2,175.34	6	1,832.10	6	1,488.87	6	1,145.63	6	804.61	6	461.98	6	145.85	6		6	
1/4	2,511.43	1/4	2,168.19	1/4	1,824.95	1/4	1,481.71	1/4	1,138.48	1/4	797.52	1/4	454.92	1/4	139.78	1/4		1/4	
1/2	2,504.28	1/2	2,161.04	1/2	1,817.80	1/2	1,474.56	1/2	1,131.33	1/2	790.42	1/2	447.85	1/2	133.72	1/2		1/2	
3/4	2,497.13	3/4	2,153.89	3/4	1,810.65	3/4	1,467.41	3/4	1,124.17	3/4	783.33	3/4	440.79	3/4	127.65	3/4		3/4	
7	2,489.98	7	2,146.74	7	1,803.50	7	1,460.26	7	1,117.02	7	776.22	7	433.81	7	121.67	7		7	
1/4	2,482.83	1/4	2,139.59	1/4	1,796.35	1/4	1,453.11	1/4	1,109.87	1/4	769.11	1/4	426.83	1/4	115.69	1/4		1/4	
1/2	2,475.68	1/2	2,132.44	1/2	1,789.20	1/2	1,445.96	1/2	1,102.72	1/2	762.01	1/2	419.85	1/2	109.71	1/2		1/2	
3/4	2,468.52	3/4	2,125.29	3/4	1,782.05	3/4	1,438.81	3/4	1,095.57	3/4	754.90	3/4	412.87	3/4	103.73	3/4		3/4	
8	2,461.37	8	2,118.14	8	1,774.90	8	1,431.66	8	1,088.44	8	747.77	8	405.97	8	97.84	8		8	
1/4	2,454.22	1/4	2,110.98	1/4	1,767.75	1/4	1,424.51	1/4	1,081.30	1/4	740.63	1/4	399.07	1/4	91.95	1/4		1/4	
1/2	2,447.07	1/2	2,103.83	1/2	1,760.60	1/2	1,417.36	1/2	1,074.17	1/2	733.50	1/2	392.17	1/2	86.06	1/2		1/2	
3/4	2,439.92	3/4	2,096.68	3/4	1,753.44	3/4	1,410.21	3/4	1,067.04	3/4	726.37	3/4	385.27	3/4	80.17	3/4		3/4	
9	2,432.77	9	2,089.53	9	1,746.29	9	1,403.06	9	1,059.93	9	719.22	9	378.45	9	74.38	9		9	
1/4	2,425.62	1/4	2,082.38	1/4	1,739.14	1/4	1,395.90	1/4	1,052.82	1/4	712.07	1/4	371.64	1/4	68.59	1/4		1/4	
1/2	2,418.47	1/2	2,075.23	1/2	1,731.99	1/2	1,388.75	1/2	1,045.71	1/2	704.92	1/2	364.82	1/2	62.80	1/2		1/2	
3/4	2,411.32	3/4	2,068.08	3/4	1,724.84	3/4	1,381.60	3/4	1,038.61	3/4	697.76	3/4	358.00	3/4	57.00	3/4		3/4	
10	2,404.17	10	2,060.93	10	1,717.69	10	1,374.45	10	1,031.51	10	690.61	10	351.27	10	51.74	10		10	
1/4	2,397.02	1/4	2,053.78	1/4	1,710.54	1/4	1,367.30	1/4	1,024.42	1/4	683.46	1/4	344.54	1/4	46.48	1/4		1/4	
1/2	2,389.87	1/2	2,046.63	1/2	1,703.39	1/2	1,360.15	1/2	1,017.32	1/2	676.31	1/2	337.80	1/2	41.21	1/2		1/2	
3/4	2,382.72	3/4	2,039.48	3/4	1,696.24	3/4	1,353.00	3/4	1,010.23	3/4	669.16	3/4	331.07	3/4	35.95	3/4		3/4	
11	2,375.56	11	2,032.33	11	1,689.09	11	1,345.85	11	1,003.14	11	662.01	11	324.42	11	32.09	11		11	
1/4	2,368.41	1/4	2,025.18	1/4	1,681.94	1/4	1,338.70	1/4	996.05	1/4	654.86	1/4	317.77	1/4	28.23	1/4		1/4	
1/2	2,361.26	1/2	2,018.02	1/2	1,674.79	1/2	1,331.55	1/2	988.96	1/2	647.71	1/2	311.12	1/2	24.37	1/2		1/2	
3/4	2,354.11	3/4	2,010.87	3/4	1,667.64	3/4	1,324.40	3/4	981.87	3/4	640.56	3/4	304.47	3/4	20.51	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

1 STBD 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	5,029.14	0	4,744.49	0	4,403.70	0	4,062.07	0	3,719.72	0	3,377.44	0	3,035.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,027.14	1/4	4,737.39	1/4	4,396.61	1/4	4,054.94	1/4	3,712.59	1/4	3,370.31	1/4	3,028.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,025.13	1/2	4,730.29	1/2	4,389.51	1/2	4,047.81	1/2	3,705.46	1/2	3,363.18	1/2	3,020.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,023.13	3/4	4,723.19	3/4	4,382.41	3/4	4,040.68	3/4	3,698.33	3/4	3,356.05	3/4	3,013.80		
1		1		1		1	5,021.13	1	4,716.09	1	4,375.31	1	4,033.54	1	3,691.19	1	3,348.92	1	3,006.67		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,017.94	1/4	4,708.99	1/4	4,368.21	1/4	4,026.41	1/4	3,684.06	1/4	3,341.79	1/4	2,999.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,014.75	1/2	4,701.89	1/2	4,361.11	1/2	4,019.28	1/2	3,676.93	1/2	3,334.66	1/2	2,992.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,011.56	3/4	4,694.79	3/4	4,354.01	3/4	4,012.15	3/4	3,669.80	3/4	3,327.53	3/4	2,985.27		
2		2		2		2	5,008.36	2	4,687.69	2	4,346.91	2	4,005.02	2	3,662.67	2	3,320.40	2	2,978.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,003.98	1/4	4,680.59	1/4	4,339.81	1/4	3,997.88	1/4	3,655.53	1/4	3,313.27	1/4	2,971.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,999.60	1/2	4,673.49	1/2	4,332.71	1/2	3,990.75	1/2	3,648.40	1/2	3,306.14	1/2	2,963.87		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,995.22	3/4	4,666.39	3/4	4,325.61	3/4	3,983.62	3/4	3,641.27	3/4	3,299.01	3/4	2,956.74		
3		3		3		3	4,990.84	3	4,659.29	3	4,318.51	3	3,976.49	3	3,634.14	3	3,291.88	3	2,949.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,985.28	1/4	4,652.19	1/4	4,311.41	1/4	3,969.35	1/4	3,627.01	1/4	3,284.75	1/4	2,942.48		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,979.71	1/2	4,645.09	1/2	4,304.31	1/2	3,962.22	1/2	3,619.87	1/2	3,277.62	1/2	2,935.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,974.14	3/4	4,637.99	3/4	4,297.21	3/4	3,955.09	3/4	3,612.74	3/4	3,270.49	3/4	2,928.21		
4		4		4		4	4,968.57	4	4,630.90	4	4,290.11	4	3,947.96	4	3,605.61	4	3,263.36	4	2,921.08		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,961.99	1/4	4,623.80	1/4	4,283.01	1/4	3,940.82	1/4	3,598.48	1/4	3,256.23	1/4	2,913.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,955.42	1/2	4,616.70	1/2	4,275.91	1/2	3,933.69	1/2	3,591.35	1/2	3,249.10	1/2	2,906.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,948.84	3/4	4,609.60	3/4	4,268.81	3/4	3,926.56	3/4	3,584.22	3/4	3,241.97	3/4	2,899.68		
5		5		5		5	4,942.27	5	4,602.50	5	4,261.71	5	3,919.43	5	3,577.09	5	3,234.84	5	2,892.55		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,935.26	1/4	4,595.40	1/4	4,254.60	1/4	3,912.30	1/4	3,569.96	1/4	3,227.71	1/4	2,885.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,928.24	1/2	4,588.30	1/2	4,247.48	1/2	3,905.16	1/2	3,562.83	1/2	3,220.58	1/2	2,878.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,921.23	3/4	4,581.20	3/4	4,240.36	3/4	3,898.03	3/4	3,555.70	3/4	3,213.45	3/4	2,871.16		
6		6		6		6	4,914.22	6	4,574.10	6	4,233.25	6	3,890.90	6	3,548.57	6	3,206.32	6	2,864.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,907.17	1/4	4,567.00	1/4	4,226.12	1/4	3,883.77	1/4	3,541.44	1/4	3,199.19	1/4	2,856.89		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,900.12	1/2	4,559.90	1/2	4,218.98	1/2	3,876.63	1/2	3,534.31	1/2	3,192.05	1/2	2,849.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,893.08	3/4	4,552.80	3/4	4,211.85	3/4	3,869.50	3/4	3,527.18	3/4	3,184.92	3/4	2,842.63		
7		7		7		7	4,886.03	7	4,545.70	7	4,204.72	7	3,862.37	7	3,520.05	7	3,177.79	7	2,835.49		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,878.98	1/4	4,538.60	1/4	4,197.59	1/4	3,855.24	1/4	3,512.92	1/4	3,170.66	1/4	2,828.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,871.92	1/2	4,531.50	1/2	4,190.46	1/2	3,848.10	1/2	3,505.79	1/2	3,163.53	1/2	2,821.23		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,864.87	3/4	4,524.40	3/4	4,183.32	3/4	3,840.97	3/4	3,498.66	3/4	3,156.40	3/4	2,814.10		
8		8		8		8	4,857.81	8	4,517.30	8	4,176.19	8	3,833.84	8	3,491.53	8	3,149.27	8	2,806.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,850.76	1/4	4,510.20	1/4	4,169.06	1/4	3,826.71	1/4	3,484.40	1/4	3,142.14	1/4	2,799.83		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,843.70	1/2	4,503.10	1/2	4,161.93	1/2	3,819.58	1/2	3,477.27	1/2	3,135.01	1/2	2,792.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,836.65	3/4	4,496.00	3/4	4,154.79	3/4	3,812.44	3/4	3,470.14	3/4	3,127.88	3/4	2,785.57		
9		9		9		9	4,829.59	9	4,488.90	9	4,147.66	9	3,805.31	9	3,463.01	9	3,120.75	9	2,778.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,822.52	1/4	4,481.80	1/4	4,140.53	1/4	3,798.18	1/4	3,455.88	1/4	3,113.62	1/4	2,771.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,815.44	1/2	4,474.70	1/2	4,133.40	1/2	3,791.05	1/2	3,448.75	1/2	3,106.49	1/2	2,764.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,808.36	3/4	4,467.60	3/4	4,126.26	3/4	3,783.91	3/4	3,441.62	3/4	3,099.36	3/4	2,757.04		
10		10		10		10	4,801.29	10	4,460.50	10	4,119.13	10	3,776.78	10	3,434.49	10	3,092.23	10	2,749.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,794.19	1/4	4,453.40	1/4	4,112.00	1/4	3,769.65	1/4	3,427.35	1/4	3,085.10	1/4	2,742.78		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,787.09	1/2	4,446.30	1/2	4,104.87	1/2	3,762.52	1/2	3,420.22	1/2	3,077.97	1/2	2,735.64		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,779.99	3/4	4,439.20	3/4	4,097.74	3/4	3,755.39	3/4	3,413.09	3/4	3,070.84	3/4	2,728.51		
11		11		11		11	4,772.89	11	4,432.10	11	4,090.60	11	3,748.25	11	3,405.96	11	3,063.71	11	2,721.38		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,031.92	1/4	4,765.79	1/4	4,425.00	1/4	4,083.47	1/4	3,741.12	1/4	3,398.83	1/4	3,056.58	1/4	2,714.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,030.99	1/2	4,758.69	1/2	4,417.90	1/2	4,076.34	1/2	3,733.99	1/2	3,391.70	1/2	3,049.45	1/2	2,707.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,030.07	3/4	4,751.59	3/4	4,410.80	3/4	4,069.21	3/4	3,726.86	3/4	3,384.57	3/4	3,042.32	3/4	2,699.98

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 "FMT 3298"

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	2,692.85	0	2,350.49	0	2,008.12	0	1,665.75	0	1,323.38	0	981.06	0	638.93	0	303.66	0	20.46	0	
1/4	2,685.72	1/4	2,343.35	1/4	2,000.98	1/4	1,658.61	1/4	1,316.24	1/4	973.94	1/4	631.80	1/4	297.12	1/4	17.67	1/4	
1/2	2,678.59	1/2	2,336.22	1/2	1,993.85	1/2	1,651.48	1/2	1,309.11	1/2	966.81	1/2	624.67	1/2	290.57	1/2	14.87	1/2	
3/4	2,671.45	3/4	2,329.09	3/4	1,986.72	3/4	1,644.35	3/4	1,301.98	3/4	959.69	3/4	617.54	3/4	284.02	3/4	12.08	3/4	
1	2,664.32	1	2,321.96	1	1,979.59	1	1,637.22	1	1,294.85	1	952.57	1	610.40	1	277.47	1	9.28	1	
1/4	2,657.19	1/4	2,314.82	1/4	1,972.45	1/4	1,630.08	1/4	1,287.71	1/4	945.44	1/4	603.27	1/4	271.00	1/4	7.50	1/4	
1/2	2,650.06	1/2	2,307.69	1/2	1,965.32	1/2	1,622.95	1/2	1,280.58	1/2	938.32	1/2	596.14	1/2	264.54	1/2	5.72	1/2	
3/4	2,642.93	3/4	2,300.56	3/4	1,958.19	3/4	1,615.82	3/4	1,273.45	3/4	931.20	3/4	589.01	3/4	258.07	3/4	3.93	3/4	
2	2,635.79	2	2,293.42	2	1,951.05	2	1,608.69	2	1,266.32	2	924.07	2	581.87	2	251.61	2	2.15	2	
1/4	2,628.66	1/4	2,286.29	1/4	1,943.92	1/4	1,601.55	1/4	1,259.18	1/4	916.95	1/4	574.74	1/4	245.23	1/4		1/4	
1/2	2,621.53	1/2	2,279.16	1/2	1,936.79	1/2	1,594.42	1/2	1,252.05	1/2	909.82	1/2	567.61	1/2	238.84	1/2		1/2	
3/4	2,614.40	3/4	2,272.03	3/4	1,929.66	3/4	1,587.29	3/4	1,244.92	3/4	902.70	3/4	560.48	3/4	232.46	3/4		3/4	
3	2,607.26	3	2,264.89	3	1,922.52	3	1,580.15	3	1,237.78	3	895.58	3	553.34	3	226.08	3		3	
1/4	2,600.13	1/4	2,257.76	1/4	1,915.39	1/4	1,573.02	1/4	1,230.65	1/4	888.45	1/4	546.21	1/4	219.78	1/4		1/4	
1/2	2,593.00	1/2	2,250.63	1/2	1,908.26	1/2	1,565.89	1/2	1,223.52	1/2	881.33	1/2	539.08	1/2	213.48	1/2		1/2	
3/4	2,585.87	3/4	2,243.50	3/4	1,901.13	3/4	1,558.76	3/4	1,216.39	3/4	874.21	3/4	531.95	3/4	207.19	3/4		3/4	
4	2,578.73	4	2,236.36	4	1,893.99	4	1,551.62	4	1,209.25	4	867.08	4	524.81	4	200.89	4		4	
1/4	2,571.60	1/4	2,229.23	1/4	1,886.86	1/4	1,544.49	1/4	1,202.12	1/4	859.96	1/4	517.68	1/4	194.67	1/4		1/4	
1/2	2,564.47	1/2	2,222.10	1/2	1,879.73	1/2	1,537.36	1/2	1,194.99	1/2	852.83	1/2	510.55	1/2	188.46	1/2		1/2	
3/4	2,557.33	3/4	2,214.96	3/4	1,872.60	3/4	1,530.23	3/4	1,187.86	3/4	845.71	3/4	503.42	3/4	182.24	3/4		3/4	
5	2,550.20	5	2,207.83	5	1,865.46	5	1,523.09	5	1,180.72	5	838.59	5	496.28	5	176.03	5		5	
1/4	2,543.07	1/4	2,200.70	1/4	1,858.33	1/4	1,515.96	1/4	1,173.59	1/4	831.46	1/4	489.17	1/4	169.90	1/4		1/4	
1/2	2,535.94	1/2	2,193.57	1/2	1,851.20	1/2	1,508.83	1/2	1,166.46	1/2	824.34	1/2	482.06	1/2	163.76	1/2		1/2	
3/4	2,528.80	3/4	2,186.43	3/4	1,844.06	3/4	1,501.69	3/4	1,159.32	3/4	817.22	3/4	474.95	3/4	157.63	3/4		3/4	
6	2,521.67	6	2,179.30	6	1,836.93	6	1,494.56	6	1,152.19	6	810.09	6	467.84	6	151.50	6		6	
1/4	2,514.54	1/4	2,172.17	1/4	1,829.80	1/4	1,487.43	1/4	1,145.06	1/4	802.96	1/4	460.79	1/4	145.45	1/4		1/4	
1/2	2,507.41	1/2	2,165.04	1/2	1,822.67	1/2	1,480.30	1/2	1,137.93	1/2	795.84	1/2	453.74	1/2	139.40	1/2		1/2	
3/4	2,500.27	3/4	2,157.90	3/4	1,815.53	3/4	1,473.16	3/4	1,130.79	3/4	788.71	3/4	446.69	3/4	133.36	3/4		3/4	
7	2,493.14	7	2,150.77	7	1,808.40	7	1,466.03	7	1,123.66	7	781.58	7	439.64	7	127.31	7		7	
1/4	2,486.01	1/4	2,143.64	1/4	1,801.27	1/4	1,458.90	1/4	1,116.53	1/4	774.45	1/4	432.68	1/4	121.34	1/4		1/4	
1/2	2,478.87	1/2	2,136.50	1/2	1,794.14	1/2	1,451.77	1/2	1,109.40	1/2	767.32	1/2	425.71	1/2	115.38	1/2		1/2	
3/4	2,471.74	3/4	2,129.37	3/4	1,787.00	3/4	1,444.63	3/4	1,102.26	3/4	760.19	3/4	418.74	3/4	109.42	3/4		3/4	
8	2,464.61	8	2,122.24	8	1,779.87	8	1,437.50	8	1,095.13	8	753.05	8	411.78	8	103.45	8		8	
1/4	2,457.48	1/4	2,115.11	1/4	1,772.74	1/4	1,430.37	1/4	1,088.00	1/4	745.92	1/4	404.90	1/4	97.58	1/4		1/4	
1/2	2,450.34	1/2	2,107.97	1/2	1,765.60	1/2	1,423.23	1/2	1,080.87	1/2	738.79	1/2	398.01	1/2	91.70	1/2		1/2	
3/4	2,443.21	3/4	2,100.84	3/4	1,758.47	3/4	1,416.10	3/4	1,073.73	3/4	731.66	3/4	391.13	3/4	85.82	3/4		3/4	
9	2,436.08	9	2,093.71	9	1,751.34	9	1,408.97	9	1,066.60	9	724.52	9	384.25	9	79.95	9		9	
1/4	2,428.95	1/4	2,086.58	1/4	1,744.21	1/4	1,401.84	1/4	1,059.47	1/4	717.39	1/4	377.45	1/4	74.17	1/4		1/4	
1/2	2,421.81	1/2	2,079.44	1/2	1,737.07	1/2	1,394.70	1/2	1,052.34	1/2	710.26	1/2	370.65	1/2	68.40	1/2		1/2	
3/4	2,414.68	3/4	2,072.31	3/4	1,729.94	3/4	1,387.57	3/4	1,045.20	3/4	703.13	3/4	363.85	3/4	62.62	3/4		3/4	
10	2,407.55	10	2,065.18	10	1,722.81	10	1,380.44	10	1,038.07	10	695.99	10	357.05	10	56.85	10		10	
1/4	2,400.41	1/4	2,058.05	1/4	1,715.68	1/4	1,373.31	1/4	1,030.94	1/4	688.86	1/4	350.34	1/4	51.60	1/4		1/4	
1/2	2,393.28	1/2	2,050.91	1/2	1,708.54	1/2	1,366.17	1/2	1,023.81	1/2	681.73	1/2	343.62	1/2	46.35	1/2		1/2	
3/4	2,386.15	3/4	2,043.78	3/4	1,701.41	3/4	1,359.04	3/4	1,016.69	3/4	674.60	3/4	336.91	3/4	41.10	3/4		3/4	
11	2,379.02	11	2,036.65	11	1,694.28	11	1,351.91	11	1,009.56	11	667.46	11	330.19	11	35.85	11		11	
1/4	2,371.88	1/4	2,029.51	1/4	1,687.14	1/4	1,344.78	1/4	1,002.43	1/4	660.33	1/4	323.56	1/4	32.00	1/4		1/4	
1/2	2,364.75	1/2	2,022.38	1/2	1,680.01	1/2	1,337.64	1/2	995.31	1/2	653.20	1/2	316.93	1/2	28.16	1/2		1/2	
3/4	2,357.62	3/4	2,015.25	3/4	1,672.88	3/4	1,330.51	3/4	988.19	3/4	646.07	3/4	310.30	3/4	24.31	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
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BARGE "FMT 3298"

2 PORT 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	5,087.47	0	4,808.43	0	4,466.94	0	4,124.63	0	3,781.57	0	3,438.52	0	3,095.46	
1/4	1/4	1/4		1/4	1/4	5,086.55	1/4	4,801.32	1/4	4,459.83	1/4	4,117.48	1/4	3,774.43	1/4	3,431.37	1/4	3,088.32		
1/2	1/2	1/2		1/2	1/2	5,084.54	1/2	4,794.20	1/2	4,452.71	1/2	4,110.34	1/2	3,767.28	1/2	3,424.22	1/2	3,081.17		
3/4	3/4	3/4		3/4	3/4	5,082.54	3/4	4,787.09	3/4	4,445.60	3/4	4,103.19	3/4	3,760.13	3/4	3,417.08	3/4	3,074.02		
1		1		1		5,080.53	1	4,779.97	1	4,438.48	1	4,096.04	1	3,752.99	1	3,409.93	1	3,066.87		
1/4	1/4	1/4		1/4	1/4	5,078.52	1/4	4,772.86	1/4	4,431.37	1/4	4,088.90	1/4	3,745.84	1/4	3,402.78	1/4	3,059.73		
1/2	1/2	1/2		1/2	1/2	5,075.33	1/2	4,765.75	1/2	4,424.25	1/2	4,081.75	1/2	3,738.69	1/2	3,395.64	1/2	3,052.58		
3/4	3/4	3/4		3/4	3/4	5,072.13	3/4	4,758.63	3/4	4,417.14	3/4	4,074.60	3/4	3,731.55	3/4	3,388.49	3/4	3,045.44		
2		2		2		5,068.93	2	4,751.52	2	4,410.03	2	4,067.45	2	3,724.40	2	3,381.34	2	3,038.30		
1/4	1/4	1/4		1/4	1/4	5,065.74	1/4	4,744.40	1/4	4,402.91	1/4	4,060.31	1/4	3,717.25	1/4	3,374.20	1/4	3,031.15		
1/2	1/2	1/2		1/2	1/2	5,061.35	1/2	4,737.29	1/2	4,395.80	1/2	4,053.16	1/2	3,710.10	1/2	3,367.05	1/2	3,024.01		
3/4	3/4	3/4		3/4	3/4	5,056.96	3/4	4,730.17	3/4	4,388.68	3/4	4,046.01	3/4	3,702.96	3/4	3,359.90	3/4	3,016.86		
3		3		3		5,052.57	3	4,723.06	3	4,381.57	3	4,038.87	3	3,695.81	3	3,352.75	3	3,009.71		
1/4	1/4	1/4		1/4	1/4	5,048.18	1/4	4,715.94	1/4	4,374.45	1/4	4,031.72	1/4	3,688.66	1/4	3,345.61	1/4	3,002.56		
1/2	1/2	1/2		1/2	1/2	5,042.60	1/2	4,708.83	1/2	4,367.34	1/2	4,024.57	1/2	3,681.52	1/2	3,338.46	1/2	2,995.41		
3/4	3/4	3/4		3/4	3/4	5,037.02	3/4	4,701.72	3/4	4,360.22	3/4	4,017.43	3/4	3,674.37	3/4	3,331.31	3/4	2,988.26		
4		4		4		5,031.44	4	4,694.60	4	4,353.11	4	4,010.28	4	3,667.22	4	3,324.17	4	2,981.11		
1/4	1/4	1/4		1/4	1/4	5,025.86	1/4	4,687.49	1/4	4,346.00	1/4	4,003.13	1/4	3,660.08	1/4	3,317.02	1/4	2,973.96		
1/2	1/2	1/2		1/2	1/2	5,019.27	1/2	4,680.37	1/2	4,338.88	1/2	3,995.98	1/2	3,652.93	1/2	3,309.87	1/2	2,966.81		
3/4	3/4	3/4		3/4	3/4	5,012.68	3/4	4,673.26	3/4	4,331.77	3/4	3,988.84	3/4	3,645.78	3/4	3,302.73	3/4	2,959.66		
5		5		5		5,006.10	5	4,666.14	5	4,324.65	5	3,981.69	5	3,638.63	5	3,295.58	5	2,952.51		
1/4	1/4	1/4		1/4	1/4	4,999.51	1/4	4,659.03	1/4	4,317.54	1/4	3,974.54	1/4	3,631.49	1/4	3,288.43	1/4	2,945.37		
1/2	1/2	1/2		1/2	1/2	4,992.48	1/2	4,651.92	1/2	4,310.41	1/2	3,967.40	1/2	3,624.34	1/2	3,281.28	1/2	2,938.22		
3/4	3/4	3/4		3/4	3/4	4,985.45	3/4	4,644.80	3/4	4,303.27	3/4	3,960.25	3/4	3,617.19	3/4	3,274.14	3/4	2,931.07		
6		6		6		4,978.42	6	4,637.69	6	4,296.14	6	3,953.10	6	3,610.05	6	3,266.99	6	2,923.92		
1/4	1/4	1/4		1/4	1/4	4,971.40	1/4	4,630.57	1/4	4,289.01	1/4	3,945.96	1/4	3,602.90	1/4	3,259.84	1/4	2,916.77		
1/2	1/2	1/2		1/2	1/2	4,964.33	1/2	4,623.46	1/2	4,281.86	1/2	3,938.81	1/2	3,595.75	1/2	3,252.70	1/2	2,909.62		
3/4	3/4	3/4		3/4	3/4	4,957.27	3/4	4,616.34	3/4	4,274.72	3/4	3,931.66	3/4	3,588.61	3/4	3,245.55	3/4	2,902.47		
7		7		7		4,950.21	7	4,609.23	7	4,267.57	7	3,924.51	7	3,581.46	7	3,238.40	7	2,895.32		
1/4	1/4	1/4		1/4	1/4	4,943.15	1/4	4,602.11	1/4	4,260.42	1/4	3,917.37	1/4	3,574.31	1/4	3,231.26	1/4	2,888.17		
1/2	1/2	1/2		1/2	1/2	4,936.08	1/2	4,595.00	1/2	4,253.28	1/2	3,910.22	1/2	3,567.16	1/2	3,224.11	1/2	2,881.02		
3/4	3/4	3/4		3/4	3/4	4,929.02	3/4	4,587.89	3/4	4,246.13	3/4	3,903.07	3/4	3,560.02	3/4	3,216.96	3/4	2,873.87		
8		8		8		4,921.95	8	4,580.77	8	4,238.98	8	3,895.93	8	3,552.87	8	3,209.81	8	2,866.73		
1/4	1/4	1/4		1/4	1/4	4,914.88	1/4	4,573.66	1/4	4,231.84	1/4	3,888.78	1/4	3,545.72	1/4	3,202.67	1/4	2,859.58		
1/2	1/2	1/2		1/2	1/2	4,907.81	1/2	4,566.54	1/2	4,224.69	1/2	3,881.63	1/2	3,538.58	1/2	3,195.52	1/2	2,852.43		
3/4	3/4	3/4		3/4	3/4	4,900.74	3/4	4,559.43	3/4	4,217.54	3/4	3,874.49	3/4	3,531.43	3/4	3,188.37	3/4	2,845.28		
9		9		9		4,893.67	9	4,552.31	9	4,210.39	9	3,867.34	9	3,524.28	9	3,181.23	9	2,838.13		
1/4	1/4	1/4		1/4	1/4	4,886.60	1/4	4,545.20	1/4	4,203.25	1/4	3,860.19	1/4	3,517.14	1/4	3,174.08	1/4	2,830.98		
1/2	1/2	1/2		1/2	1/2	4,879.51	1/2	4,538.08	1/2	4,196.10	1/2	3,853.04	1/2	3,509.99	1/2	3,166.93	1/2	2,823.83		
3/4	3/4	3/4		3/4	3/4	4,872.42	3/4	4,530.97	3/4	4,188.95	3/4	3,845.90	3/4	3,502.84	3/4	3,159.79	3/4	2,816.68		
10		10		10		4,865.32	10	4,523.86	10	4,181.81	10	3,838.75	10	3,495.69	10	3,152.64	10	2,809.53		
1/4	1/4	1/4		1/4	1/4	4,858.23	1/4	4,516.74	1/4	4,174.66	1/4	3,831.60	1/4	3,488.55	1/4	3,145.49	1/4	2,802.38		
1/2	1/2	1/2		1/2	1/2	4,851.12	1/2	4,509.63	1/2	4,167.51	1/2	3,824.46	1/2	3,481.40	1/2	3,138.34	1/2	2,795.23		
3/4	3/4	3/4		3/4	3/4	4,844.00	3/4	4,502.51	3/4	4,160.37	3/4	3,817.31	3/4	3,474.25	3/4	3,131.20	3/4	2,788.09		
11		11		11		4,836.89	11	4,495.40	11	4,153.22	11	3,810.16	11	3,467.11	11	3,124.05	11	2,780.94		
1/4	1/4	1/4		1/4	1/4	5,090.26	1/4	4,829.78	1/4	4,488.28	1/4	4,146.07	1/4	3,803.02	1/4	3,459.96	1/4	3,116.90	1/4	2,773.79
1/2	1/2	1/2		1/2	1/2	5,089.33	1/2	4,822.66	1/2	4,481.17	1/2	4,138.92	1/2	3,795.87	1/2	3,452.81	1/2	3,109.76	1/2	2,766.64
3/4	3/4	3/4		3/4	3/4	5,088.40	3/4	4,815.55	3/4	4,474.06	3/4	4,131.78	3/4	3,788.72	3/4	3,445.67	3/4	3,102.61	3/4	2,759.49

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 "FMT 3298"

2 PORT 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	2,752.34	0	2,409.18	0	2,066.03	0	1,722.87	0	1,379.71	0	1,040.42	0	707.90	0	364.76	0	28.96	0	
1/4	2,745.19	1/4	2,402.03	1/4	2,058.88	1/4	1,715.72	1/4	1,372.56	1/4	1,033.58	1/4	700.75	1/4	357.61	1/4	23.60	1/4	
1/2	2,738.04	1/2	2,394.88	1/2	2,051.73	1/2	1,708.57	1/2	1,365.41	1/2	1,026.74	1/2	693.60	1/2	350.46	1/2	20.03	1/2	
3/4	2,730.89	3/4	2,387.74	3/4	2,044.58	3/4	1,701.42	3/4	1,358.27	3/4	1,019.90	3/4	686.46	3/4	343.31	3/4	16.45	3/4	
1	2,723.74	1	2,380.59	1	2,037.43	1	1,694.27	1	1,351.12	1	1,013.05	1	679.31	1	336.16	1	12.88	1	
1/4	2,716.59	1/4	2,373.44	1/4	2,030.28	1/4	1,687.12	1/4	1,343.97	1/4	1,006.21	1/4	672.16	1/4	329.02	1/4	9.31	1/4	
1/2	2,709.45	1/2	2,366.29	1/2	2,023.13	1/2	1,679.97	1/2	1,336.82	1/2	999.37	1/2	665.01	1/2	321.87	1/2	7.52	1/2	
3/4	2,702.30	3/4	2,359.14	3/4	2,015.98	3/4	1,672.83	3/4	1,329.67	3/4	992.53	3/4	657.86	3/4	314.72	3/4	5.73	3/4	
2	2,695.15	2	2,351.99	2	2,008.83	2	1,665.68	2	1,322.52	2	985.69	2	650.71	2	307.57	2	3.94	2	
1/4	2,688.00	1/4	2,344.84	1/4	2,001.68	1/4	1,658.53	1/4	1,315.37	1/4	978.85	1/4	643.56	1/4	300.42	1/4	2.16	1/4	
1/2	2,680.85	1/2	2,337.69	1/2	1,994.54	1/2	1,651.38	1/2	1,308.22	1/2	972.01	1/2	636.41	1/2	293.27	1/2		1/2	
3/4	2,673.70	3/4	2,330.54	3/4	1,987.39	3/4	1,644.23	3/4	1,301.07	3/4	965.16	3/4	629.27	3/4	286.12	3/4		3/4	
3	2,666.55	3	2,323.39	3	1,980.24	3	1,637.08	3	1,293.92	3	958.32	3	622.12	3	278.97	3		3	
1/4	2,659.40	1/4	2,316.24	1/4	1,973.09	1/4	1,629.93	1/4	1,286.77	1/4	951.48	1/4	614.97	1/4	271.83	1/4		1/4	
1/2	2,652.25	1/2	2,309.10	1/2	1,965.94	1/2	1,622.78	1/2	1,279.63	1/2	944.64	1/2	607.82	1/2	264.68	1/2		1/2	
3/4	2,645.10	3/4	2,301.95	3/4	1,958.79	3/4	1,615.63	3/4	1,272.48	3/4	937.80	3/4	600.67	3/4	257.53	3/4		3/4	
4	2,637.95	4	2,294.80	4	1,951.64	4	1,608.48	4	1,265.33	4	930.96	4	593.52	4	250.38	4		4	
1/4	2,630.81	1/4	2,287.65	1/4	1,944.49	1/4	1,601.33	1/4	1,258.18	1/4	924.11	1/4	586.37	1/4	243.23	1/4		1/4	
1/2	2,623.66	1/2	2,280.50	1/2	1,937.34	1/2	1,594.19	1/2	1,251.03	1/2	917.27	1/2	579.22	1/2	236.08	1/2		1/2	
3/4	2,616.51	3/4	2,273.35	3/4	1,930.19	3/4	1,587.04	3/4	1,243.88	3/4	910.43	3/4	572.08	3/4	228.93	3/4		3/4	
5	2,609.36	5	2,266.20	5	1,923.04	5	1,579.89	5	1,236.73	5	903.59	5	564.93	5	221.78	5		5	
1/4	2,602.21	1/4	2,259.05	1/4	1,915.90	1/4	1,572.74	1/4	1,229.58	1/4	896.75	1/4	557.78	1/4	214.64	1/4		1/4	
1/2	2,595.06	1/2	2,251.90	1/2	1,908.75	1/2	1,565.59	1/2	1,222.43	1/2	889.91	1/2	550.63	1/2	207.49	1/2		1/2	
3/4	2,587.91	3/4	2,244.75	3/4	1,901.60	3/4	1,558.44	3/4	1,215.28	3/4	883.07	3/4	543.48	3/4	200.34	3/4		3/4	
6	2,580.76	6	2,237.60	6	1,894.45	6	1,551.29	6	1,208.13	6	876.22	6	536.33	6	193.19	6		6	
1/4	2,573.61	1/4	2,230.46	1/4	1,887.30	1/4	1,544.14	1/4	1,200.99	1/4	869.38	1/4	529.18	1/4	186.04	1/4		1/4	
1/2	2,566.46	1/2	2,223.31	1/2	1,880.15	1/2	1,536.99	1/2	1,193.84	1/2	862.54	1/2	522.03	1/2	178.89	1/2		1/2	
3/4	2,559.31	3/4	2,216.16	3/4	1,873.00	3/4	1,529.84	3/4	1,186.69	3/4	855.69	3/4	514.88	3/4	171.74	3/4		3/4	
7	2,552.17	7	2,209.01	7	1,865.85	7	1,522.69	7	1,179.54	7	848.85	7	507.74	7	164.59	7		7	
1/4	2,545.02	1/4	2,201.86	1/4	1,858.70	1/4	1,515.55	1/4	1,172.39	1/4	842.00	1/4	500.59	1/4	157.44	1/4		1/4	
1/2	2,537.87	1/2	2,194.71	1/2	1,851.55	1/2	1,508.40	1/2	1,165.24	1/2	835.14	1/2	493.44	1/2	150.30	1/2		1/2	
3/4	2,530.72	3/4	2,187.56	3/4	1,844.40	3/4	1,501.25	3/4	1,158.09	3/4	828.29	3/4	486.29	3/4	143.15	3/4		3/4	
8	2,523.57	8	2,180.41	8	1,837.26	8	1,494.10	8	1,150.94	8	821.43	8	479.14	8	136.00	8		8	
1/4	2,516.42	1/4	2,173.26	1/4	1,830.11	1/4	1,486.95	1/4	1,143.79	1/4	814.57	1/4	471.99	1/4	128.85	1/4		1/4	
1/2	2,509.27	1/2	2,166.11	1/2	1,822.96	1/2	1,479.80	1/2	1,136.64	1/2	807.56	1/2	464.84	1/2	121.71	1/2		1/2	
3/4	2,502.12	3/4	2,158.96	3/4	1,815.81	3/4	1,472.65	3/4	1,129.49	3/4	800.55	3/4	457.69	3/4	114.57	3/4		3/4	
9	2,494.97	9	2,151.82	9	1,808.66	9	1,465.50	9	1,122.34	9	793.55	9	450.55	9	107.42	9		9	
1/4	2,487.82	1/4	2,144.67	1/4	1,801.51	1/4	1,458.35	1/4	1,115.19	1/4	786.54	1/4	443.40	1/4	100.28	1/4		1/4	
1/2	2,480.67	1/2	2,137.52	1/2	1,794.36	1/2	1,451.20	1/2	1,108.00	1/2	779.39	1/2	436.25	1/2	93.16	1/2		1/2	
3/4	2,473.52	3/4	2,130.37	3/4	1,787.21	3/4	1,444.05	3/4	1,100.81	3/4	772.24	3/4	429.10	3/4	86.03	3/4		3/4	
10	2,466.38	10	2,123.22	10	1,780.06	10	1,436.91	10	1,093.66	10	765.09	10	421.95	10	78.90	10		10	
1/4	2,459.23	1/4	2,116.07	1/4	1,772.91	1/4	1,429.76	1/4	1,086.51	1/4	757.94	1/4	414.80	1/4	71.78	1/4		1/4	
1/2	2,452.08	1/2	2,108.92	1/2	1,765.76	1/2	1,422.61	1/2	1,079.36	1/2	750.80	1/2	407.65	1/2	65.10	1/2		1/2	
3/4	2,444.93	3/4	2,101.77	3/4	1,758.61	3/4	1,415.46	3/4	1,071.77	3/4	743.65	3/4	400.50	3/4	58.41	3/4		3/4	
11	2,437.78	11	2,094.62	11	1,751.47	11	1,408.31	11	1,064.62	11	736.50	11	393.36	11	51.73	11		11	
1/4	2,430.63	1/4	2,087.47	1/4	1,744.32	1/4	1,401.16	1/4	1,057.47	1/4	729.35	1/4	386.21	1/4	45.05	1/4		1/4	
1/2	2,423.48	1/2	2,080.32	1/2	1,737.17	1/2	1,394.01	1/2	1,050.32	1/2	722.20	1/2	379.06	1/2	39.69	1/2		1/2	
3/4	2,416.33	3/4	2,073.18	3/4	1,730.02	3/4	1,386.86	3/4	1,043.17	3/4	715.05	3/4	371.91	3/4	34.32	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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BARGE "FMT 3298"

2 STBD 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	5,109.30	0	4,823.51	0	4,481.36	0	4,138.37	0	3,794.65	0	3,451.00	0	3,107.39		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,107.29	1/4	4,816.38	1/4	4,474.23	1/4	4,131.21	1/4	3,787.49	1/4	3,443.85	1/4	3,100.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,105.28	1/2	4,809.25	1/2	4,467.11	1/2	4,124.05	1/2	3,780.33	1/2	3,436.69	1/2	3,093.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,103.27	3/4	4,802.12	3/4	4,459.98	3/4	4,116.89	3/4	3,773.17	3/4	3,429.53	3/4	3,085.91		
1		1		1		1	5,101.25	1	4,794.99	1	4,452.85	1	4,109.73	1	3,766.01	1	3,422.37	1	3,078.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,098.05	1/4	4,787.87	1/4	4,445.72	1/4	4,102.57	1/4	3,758.85	1/4	3,415.21	1/4	3,071.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,094.85	1/2	4,780.74	1/2	4,438.59	1/2	4,095.41	1/2	3,751.69	1/2	3,408.05	1/2	3,064.43		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,091.64	3/4	4,773.61	3/4	4,431.47	3/4	4,088.25	3/4	3,744.53	3/4	3,400.89	3/4	3,057.27		
2		2		2		2	5,088.44	2	4,766.48	2	4,424.34	2	4,081.08	2	3,737.37	2	3,393.73	2	3,050.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,084.04	1/4	4,759.35	1/4	4,417.21	1/4	4,073.92	1/4	3,730.21	1/4	3,386.58	1/4	3,042.95		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,079.64	1/2	4,752.23	1/2	4,410.08	1/2	4,066.76	1/2	3,723.04	1/2	3,379.42	1/2	3,035.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,075.24	3/4	4,745.10	3/4	4,402.95	3/4	4,059.60	3/4	3,715.88	3/4	3,372.26	3/4	3,028.62		
3		3		3		3	5,070.85	3	4,737.97	3	4,395.83	3	4,052.44	3	3,708.72	3	3,365.10	3	3,021.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,065.25	1/4	4,730.84	1/4	4,388.70	1/4	4,045.28	1/4	3,701.56	1/4	3,357.94	1/4	3,014.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,059.66	1/2	4,723.71	1/2	4,381.57	1/2	4,038.12	1/2	3,694.40	1/2	3,350.78	1/2	3,007.14		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,054.07	3/4	4,716.59	3/4	4,374.44	3/4	4,030.96	3/4	3,687.24	3/4	3,343.62	3/4	2,999.98		
4		4		4		4	5,048.48	4	4,709.46	4	4,367.31	4	4,023.80	4	3,680.08	4	3,336.47	4	2,992.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,041.88	1/4	4,702.33	1/4	4,360.19	1/4	4,016.64	1/4	3,672.92	1/4	3,329.31	1/4	2,985.66		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,035.28	1/2	4,695.20	1/2	4,353.06	1/2	4,009.48	1/2	3,665.77	1/2	3,322.15	1/2	2,978.50		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,028.68	3/4	4,688.07	3/4	4,345.93	3/4	4,002.32	3/4	3,658.61	3/4	3,314.99	3/4	2,971.34		
5		5		5		5	5,022.08	5	4,680.95	5	4,338.80	5	3,995.16	5	3,651.45	5	3,307.83	5	2,964.18		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,015.04	1/4	4,673.82	1/4	4,331.66	1/4	3,987.99	1/4	3,644.29	1/4	3,300.67	1/4	2,957.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,007.99	1/2	4,666.69	1/2	4,324.52	1/2	3,980.83	1/2	3,637.13	1/2	3,293.51	1/2	2,949.86		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,000.95	3/4	4,659.56	3/4	4,317.37	3/4	3,973.67	3/4	3,629.97	3/4	3,286.35	3/4	2,942.70		
6		6		6		6	4,993.91	6	4,652.43	6	4,310.23	6	3,966.51	6	3,622.81	6	3,279.20	6	2,935.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,986.84	1/4	4,645.31	1/4	4,303.07	1/4	3,959.35	1/4	3,615.65	1/4	3,272.04	1/4	2,928.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,979.76	1/2	4,638.18	1/2	4,295.91	1/2	3,952.19	1/2	3,608.50	1/2	3,264.88	1/2	2,921.21		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,972.69	3/4	4,631.05	3/4	4,288.75	3/4	3,945.03	3/4	3,601.34	3/4	3,257.72	3/4	2,914.05		
7		7		7		7	4,965.61	7	4,623.92	7	4,281.59	7	3,937.87	7	3,594.18	7	3,250.56	7	2,906.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,958.53	1/4	4,616.79	1/4	4,274.43	1/4	3,930.71	1/4	3,587.02	1/4	3,243.40	1/4	2,899.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,951.45	1/2	4,609.67	1/2	4,267.27	1/2	3,923.55	1/2	3,579.86	1/2	3,236.24	1/2	2,892.57		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,944.37	3/4	4,602.54	3/4	4,260.10	3/4	3,916.39	3/4	3,572.70	3/4	3,229.08	3/4	2,885.41		
8		8		8		8	4,937.28	8	4,595.41	8	4,252.94	8	3,909.23	8	3,565.54	8	3,221.93	8	2,878.25		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,930.20	1/4	4,588.28	1/4	4,245.78	1/4	3,902.06	1/4	3,558.38	1/4	3,214.77	1/4	2,871.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,923.12	1/2	4,581.15	1/2	4,238.62	1/2	3,894.90	1/2	3,551.23	1/2	3,207.61	1/2	2,863.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,916.04	3/4	4,574.03	3/4	4,231.46	3/4	3,887.74	3/4	3,544.07	3/4	3,200.45	3/4	2,856.77		
9		9		9		9	4,908.95	9	4,566.90	9	4,224.30	9	3,880.58	9	3,536.91	9	3,193.29	9	2,849.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,901.85	1/4	4,559.77	1/4	4,217.14	1/4	3,873.42	1/4	3,529.75	1/4	3,186.13	1/4	2,842.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,894.74	1/2	4,552.64	1/2	4,209.98	1/2	3,866.26	1/2	3,522.59	1/2	3,178.97	1/2	2,835.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,887.64	3/4	4,545.51	3/4	4,202.82	3/4	3,859.10	3/4	3,515.43	3/4	3,171.82	3/4	2,828.12		
10		10		10		10	4,880.53	10	4,538.39	10	4,195.66	10	3,851.94	10	3,508.27	10	3,164.66	10	2,820.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,873.40	1/4	4,531.26	1/4	4,188.50	1/4	3,844.78	1/4	3,501.12	1/4	3,157.50	1/4	2,813.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,866.27	1/2	4,524.13	1/2	4,181.34	1/2	3,837.62	1/2	3,493.96	1/2	3,150.34	1/2	2,806.64		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,859.15	3/4	4,517.00	3/4	4,174.18	3/4	3,830.46	3/4	3,486.80	3/4	3,143.18	3/4	2,799.48		
11		11		11		11	4,852.02	11	4,509.87	11	4,167.01	11	3,823.30	11	3,479.64	11	3,136.02	11	2,792.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,112.09	1/4	4,844.89	1/4	4,502.75	1/4	4,159.85	1/4	3,816.14	1/4	3,472.48	1/4	3,128.86	1/4	2,785.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,111.16	1/2	4,837.76	1/2	4,495.62	1/2	4,152.69	1/2	3,808.97	1/2	3,465.32	1/2	3,121.70	1/2	2,778.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,110.23	3/4	4,830.63	3/4	4,488.49	3/4	4,145.53	3/4	3,801.81	3/4	3,458.16	3/4	3,114.55	3/4	2,770.84

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 "FMT 3298"

2 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	2,763.68	0	2,419.96	0	2,076.25	0	1,732.54	0	1,388.82	0	1,045.22	0	701.89	0	358.19	0	23.64	0	
1/4	2,756.52	1/4	2,412.80	1/4	2,069.09	1/4	1,725.38	1/4	1,381.66	1/4	1,038.07	1/4	694.73	1/4	351.03	1/4	20.06	1/4	
1/2	2,749.36	1/2	2,405.64	1/2	2,061.93	1/2	1,718.22	1/2	1,374.50	1/2	1,030.92	1/2	687.57	1/2	343.87	1/2	16.48	1/2	
3/4	2,742.20	3/4	2,398.48	3/4	2,054.77	3/4	1,711.06	3/4	1,367.34	3/4	1,023.78	3/4	680.41	3/4	336.71	3/4	12.90	3/4	
1	2,735.04	1	2,391.32	1	2,047.61	1	1,703.89	1	1,360.18	1	1,016.63	1	673.25	1	329.55	1	9.32	1	
1/4	2,727.87	1/4	2,384.16	1/4	2,040.45	1/4	1,696.73	1/4	1,353.02	1/4	1,009.48	1/4	666.09	1/4	322.39	1/4	7.53	1/4	
1/2	2,720.71	1/2	2,377.00	1/2	2,033.29	1/2	1,689.57	1/2	1,345.86	1/2	1,002.34	1/2	658.93	1/2	315.23	1/2	5.74	1/2	
3/4	2,713.55	3/4	2,369.84	3/4	2,026.13	3/4	1,682.41	3/4	1,338.70	3/4	995.19	3/4	651.77	3/4	308.07	3/4	3.95	3/4	
2	2,706.39	2	2,362.68	2	2,018.97	2	1,675.25	2	1,331.54	2	988.04	2	644.61	2	300.91	2	2.16	2	
1/4	2,699.23	1/4	2,355.52	1/4	2,011.80	1/4	1,668.09	1/4	1,324.38	1/4	980.90	1/4	637.45	1/4	293.75	1/4		1/4	
1/2	2,692.07	1/2	2,348.36	1/2	2,004.64	1/2	1,660.93	1/2	1,317.22	1/2	973.75	1/2	630.29	1/2	286.59	1/2		1/2	
3/4	2,684.91	3/4	2,341.20	3/4	1,997.48	3/4	1,653.77	3/4	1,310.06	3/4	966.60	3/4	623.13	3/4	279.43	3/4		3/4	
3	2,677.75	3	2,334.04	3	1,990.32	3	1,646.61	3	1,302.90	3	959.46	3	615.97	3	272.27	3		3	
1/4	2,670.59	1/4	2,326.88	1/4	1,983.16	1/4	1,639.45	1/4	1,295.73	1/4	952.31	1/4	608.81	1/4	265.11	1/4		1/4	
1/2	2,663.43	1/2	2,319.72	1/2	1,976.00	1/2	1,632.29	1/2	1,288.57	1/2	945.16	1/2	601.65	1/2	257.95	1/2		1/2	
3/4	2,656.27	3/4	2,312.55	3/4	1,968.84	3/4	1,625.13	3/4	1,281.41	3/4	938.02	3/4	594.49	3/4	250.79	3/4		3/4	
4	2,649.11	4	2,305.39	4	1,961.68	4	1,617.97	4	1,274.25	4	930.87	4	587.33	4	243.63	4		4	
1/4	2,641.95	1/4	2,298.23	1/4	1,954.52	1/4	1,610.81	1/4	1,267.09	1/4	923.72	1/4	580.16	1/4	236.47	1/4		1/4	
1/2	2,634.79	1/2	2,291.07	1/2	1,947.36	1/2	1,603.65	1/2	1,259.93	1/2	916.58	1/2	573.00	1/2	229.31	1/2		1/2	
3/4	2,627.63	3/4	2,283.91	3/4	1,940.20	3/4	1,596.48	3/4	1,252.77	3/4	909.43	3/4	565.84	3/4	222.14	3/4		3/4	
5	2,620.46	5	2,276.75	5	1,933.04	5	1,589.32	5	1,245.61	5	902.29	5	558.68	5	214.98	5		5	
1/4	2,613.30	1/4	2,269.59	1/4	1,925.88	1/4	1,582.16	1/4	1,238.45	1/4	895.14	1/4	551.52	1/4	207.82	1/4		1/4	
1/2	2,606.14	1/2	2,262.43	1/2	1,918.72	1/2	1,575.00	1/2	1,231.29	1/2	887.99	1/2	544.36	1/2	200.66	1/2		1/2	
3/4	2,598.98	3/4	2,255.27	3/4	1,911.56	3/4	1,567.84	3/4	1,224.13	3/4	880.85	3/4	537.20	3/4	193.50	3/4		3/4	
6	2,591.82	6	2,248.11	6	1,904.39	6	1,560.68	6	1,216.97	6	873.70	6	530.04	6	186.34	6		6	
1/4	2,584.66	1/4	2,240.95	1/4	1,897.23	1/4	1,553.52	1/4	1,209.81	1/4	866.55	1/4	522.88	1/4	179.18	1/4		1/4	
1/2	2,577.50	1/2	2,233.79	1/2	1,890.07	1/2	1,546.36	1/2	1,202.65	1/2	859.40	1/2	515.72	1/2	172.02	1/2		1/2	
3/4	2,570.34	3/4	2,226.63	3/4	1,882.91	3/4	1,539.20	3/4	1,195.49	3/4	852.25	3/4	508.56	3/4	164.86	3/4		3/4	
7	2,563.18	7	2,219.47	7	1,875.75	7	1,532.04	7	1,188.32	7	845.10	7	501.40	7	157.70	7		7	
1/4	2,556.02	1/4	2,212.30	1/4	1,868.59	1/4	1,524.88	1/4	1,181.16	1/4	837.94	1/4	494.24	1/4	150.54	1/4		1/4	
1/2	2,548.86	1/2	2,205.14	1/2	1,861.43	1/2	1,517.72	1/2	1,174.00	1/2	830.78	1/2	487.08	1/2	143.38	1/2		1/2	
3/4	2,541.70	3/4	2,197.98	3/4	1,854.27	3/4	1,510.56	3/4	1,166.84	3/4	823.62	3/4	479.92	3/4	136.22	3/4		3/4	
8	2,534.54	8	2,190.82	8	1,847.11	8	1,503.40	8	1,159.68	8	816.46	8	472.76	8	129.06	8		8	
1/4	2,527.38	1/4	2,183.66	1/4	1,839.95	1/4	1,496.23	1/4	1,152.52	1/4	809.30	1/4	465.60	1/4	121.91	1/4		1/4	
1/2	2,520.21	1/2	2,176.50	1/2	1,832.79	1/2	1,489.07	1/2	1,145.36	1/2	802.14	1/2	458.44	1/2	114.75	1/2		1/2	
3/4	2,513.05	3/4	2,169.34	3/4	1,825.63	3/4	1,481.91	3/4	1,138.20	3/4	794.98	3/4	451.28	3/4	107.60	3/4		3/4	
9	2,505.89	9	2,162.18	9	1,818.47	9	1,474.75	9	1,131.04	9	787.82	9	444.12	9	100.44	9		9	
1/4	2,498.73	1/4	2,155.02	1/4	1,811.31	1/4	1,467.59	1/4	1,123.88	1/4	780.66	1/4	436.96	1/4	93.31	1/4		1/4	
1/2	2,491.57	1/2	2,147.86	1/2	1,804.14	1/2	1,460.43	1/2	1,116.72	1/2	773.50	1/2	429.80	1/2	86.17	1/2		1/2	
3/4	2,484.41	3/4	2,140.70	3/4	1,796.98	3/4	1,453.27	3/4	1,109.57	3/4	766.34	3/4	422.64	3/4	79.03	3/4		3/4	
10	2,477.25	10	2,133.54	10	1,789.82	10	1,446.11	10	1,102.41	10	759.17	10	415.48	10	71.90	10		10	
1/4	2,470.09	1/4	2,126.38	1/4	1,782.66	1/4	1,438.95	1/4	1,095.26	1/4	752.01	1/4	408.32	1/4	65.20	1/4		1/4	
1/2	2,462.93	1/2	2,119.22	1/2	1,775.50	1/2	1,431.79	1/2	1,088.11	1/2	744.85	1/2	401.15	1/2	58.51	1/2		1/2	
3/4	2,455.77	3/4	2,112.05	3/4	1,768.34	3/4	1,424.63	3/4	1,080.95	3/4	737.69	3/4	393.99	3/4	51.81	3/4		3/4	
11	2,448.61	11	2,104.89	11	1,761.18	11	1,417.47	11	1,073.80	11	730.53	11	386.83	11	45.12	11		11	
1/4	2,441.45	1/4	2,097.73	1/4	1,754.02	1/4	1,410.31	1/4	1,066.66	1/4	723.37	1/4	379.67	1/4	39.75	1/4		1/4	
1/2	2,434.29	1/2	2,090.57	1/2	1,746.86	1/2	1,403.15	1/2	1,059.51	1/2	716.21	1/2	372.51	1/2	34.38	1/2		1/2	
3/4	2,427.13	3/4	2,083.41	3/4	1,739.70	3/4	1,395.98	3/4	1,052.36	3/4	709.05	3/4	365.35	3/4	29.01	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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



BARGE "FMT 3298"

3 PORT 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	4,387.29	0	4,221.51	0	4,013.11	0	3,804.24	0	3,594.93	0	3,386.13	0	3,076.41
1/4		1/4		1/4		1/4	4,386.22	1/4	4,217.17	1/4	4,008.77	1/4	3,799.88	1/4	3,590.57	1/4	3,381.79	1/4	3,069.32
1/2		1/2		1/2		1/2	4,384.51	1/2	4,212.83	1/2	4,004.43	1/2	3,795.52	1/2	3,586.21	1/2	3,377.45	1/2	3,062.22
3/4		3/4		3/4		3/4	4,382.81	3/4	4,208.49	3/4	4,000.09	3/4	3,791.16	3/4	3,581.84	3/4	3,373.12	3/4	3,055.12
1		1		1		1	4,381.11	1	4,204.14	1	3,995.75	1	3,786.80	1	3,577.48	1	3,368.78	1	3,048.02
1/4		1/4		1/4		1/4	4,379.40	1/4	4,199.80	1/4	3,991.41	1/4	3,782.44	1/4	3,573.12	1/4	3,364.44	1/4	3,040.93
1/2		1/2		1/2		1/2	4,377.70	1/2	4,195.46	1/2	3,987.06	1/2	3,778.08	1/2	3,568.76	1/2	3,360.12	1/2	3,033.82
3/4		3/4		3/4		3/4	4,376.00	3/4	4,191.12	3/4	3,982.72	3/4	3,773.72	3/4	3,564.40	3/4	3,355.79	3/4	3,026.72
2		2		2		2	4,374.29	2	4,186.78	2	3,978.38	2	3,769.35	2	3,560.04	2	3,351.46	2	3,019.61
1/4		1/4		1/4		1/4	4,372.59	1/4	4,182.44	1/4	3,974.04	1/4	3,764.99	1/4	3,555.68	1/4	3,347.14	1/4	3,012.51
1/2		1/2		1/2		1/2	4,370.62	1/2	4,178.09	1/2	3,969.70	1/2	3,760.63	1/2	3,551.32	1/2	3,341.43	1/2	3,005.39
3/4		3/4		3/4		3/4	4,368.65	3/4	4,173.75	3/4	3,965.36	3/4	3,756.27	3/4	3,546.96	3/4	3,335.73	3/4	2,998.28
3		3		3		3	4,366.68	3	4,169.41	3	3,961.01	3	3,751.91	3	3,542.60	3	3,330.02	3	2,991.17
1/4		1/4		1/4		1/4	4,364.70	1/4	4,165.07	1/4	3,956.67	1/4	3,747.55	1/4	3,538.24	1/4	3,324.32	1/4	2,984.05
1/2		1/2		1/2		1/2	4,361.87	1/2	4,160.73	1/2	3,952.33	1/2	3,743.19	1/2	3,533.88	1/2	3,317.24	1/2	2,976.94
3/4		3/4		3/4		3/4	4,359.04	3/4	4,156.39	3/4	3,947.99	3/4	3,738.83	3/4	3,529.53	3/4	3,310.16	3/4	2,969.83
4		4		4		4	4,356.21	4	4,152.04	4	3,943.65	4	3,734.47	4	3,525.18	4	3,303.08	4	2,962.71
1/4		1/4		1/4		1/4	4,353.38	1/4	4,147.70	1/4	3,939.31	1/4	3,730.11	1/4	3,520.82	1/4	3,295.99	1/4	2,955.60
1/2		1/2		1/2		1/2	4,349.54	1/2	4,143.36	1/2	3,934.96	1/2	3,725.75	1/2	3,516.48	1/2	3,288.91	1/2	2,948.49
3/4		3/4		3/4		3/4	4,345.71	3/4	4,139.02	3/4	3,930.62	3/4	3,721.39	3/4	3,512.13	3/4	3,281.83	3/4	2,941.37
5		5		5		5	4,341.87	5	4,134.68	5	3,926.28	5	3,717.03	5	3,507.79	5	3,274.75	5	2,934.26
1/4		1/4		1/4		1/4	4,338.04	1/4	4,130.34	1/4	3,921.94	1/4	3,712.67	1/4	3,503.44	1/4	3,267.67	1/4	2,927.15
1/2		1/2		1/2		1/2	4,333.76	1/2	4,126.00	1/2	3,917.59	1/2	3,708.31	1/2	3,499.10	1/2	3,260.59	1/2	2,920.04
3/4		3/4		3/4		3/4	4,329.49	3/4	4,121.65	3/4	3,913.24	3/4	3,703.94	3/4	3,494.76	3/4	3,253.50	3/4	2,912.93
6		6		6		6	4,325.22	6	4,117.31	6	3,908.89	6	3,699.58	6	3,490.41	6	3,246.42	6	2,905.82
1/4		1/4		1/4		1/4	4,320.95	1/4	4,112.97	1/4	3,904.54	1/4	3,695.22	1/4	3,486.07	1/4	3,239.34	1/4	2,898.71
1/2		1/2		1/2		1/2	4,316.64	1/2	4,108.63	1/2	3,900.18	1/2	3,690.86	1/2	3,481.72	1/2	3,232.26	1/2	2,891.61
3/4		3/4		3/4		3/4	4,312.33	3/4	4,104.29	3/4	3,895.82	3/4	3,686.50	3/4	3,477.38	3/4	3,225.18	3/4	2,884.51
7		7		7		7	4,308.03	7	4,099.95	7	3,891.45	7	3,682.14	7	3,473.03	7	3,218.10	7	2,877.41
1/4		1/4		1/4		1/4	4,303.72	1/4	4,095.60	1/4	3,887.09	1/4	3,677.78	1/4	3,468.69	1/4	3,211.02	1/4	2,870.31
1/2		1/2		1/2		1/2	4,299.41	1/2	4,091.26	1/2	3,882.73	1/2	3,673.42	1/2	3,464.34	1/2	3,203.94	1/2	2,863.21
3/4		3/4		3/4		3/4	4,295.10	3/4	4,086.92	3/4	3,878.37	3/4	3,669.06	3/4	3,460.00	3/4	3,196.86	3/4	2,856.11
8		8		8		8	4,290.79	8	4,082.58	8	3,874.01	8	3,664.70	8	3,455.65	8	3,189.78	8	2,849.00
1/4		1/4		1/4		1/4	4,286.47	1/4	4,078.24	1/4	3,869.65	1/4	3,660.34	1/4	3,451.31	1/4	3,182.70	1/4	2,841.90
1/2		1/2		1/2		1/2	4,282.16	1/2	4,073.90	1/2	3,865.29	1/2	3,655.98	1/2	3,446.96	1/2	3,175.62	1/2	2,834.80
3/4		3/4		3/4		3/4	4,277.84	3/4	4,069.55	3/4	3,860.93	3/4	3,651.62	3/4	3,442.62	3/4	3,168.54	3/4	2,827.70
9		9		9		9	4,273.53	9	4,065.21	9	3,856.57	9	3,647.26	9	3,438.27	9	3,161.46	9	2,820.60
1/4		1/4		1/4		1/4	4,269.22	1/4	4,060.87	1/4	3,852.21	1/4	3,642.89	1/4	3,433.93	1/4	3,154.38	1/4	2,813.50
1/2		1/2		1/2		1/2	4,264.89	1/2	4,056.53	1/2	3,847.85	1/2	3,638.53	1/2	3,429.58	1/2	3,147.30	1/2	2,806.40
3/4		3/4		3/4		3/4	4,260.56	3/4	4,052.19	3/4	3,843.49	3/4	3,634.17	3/4	3,425.24	3/4	3,140.22	3/4	2,799.29
10		10		10		10	4,256.23	10	4,047.85	10	3,839.13	10	3,629.81	10	3,420.89	10	3,133.14	10	2,792.19
1/4		1/4		1/4		1/4	4,251.90	1/4	4,043.50	1/4	3,834.77	1/4	3,625.45	1/4	3,416.55	1/4	3,126.06	1/4	2,785.09
1/2		1/2		1/2		1/2	4,247.56	1/2	4,039.16	1/2	3,830.40	1/2	3,621.09	1/2	3,412.20	1/2	3,118.97	1/2	2,777.99
3/4		3/4		3/4		3/4	4,243.22	3/4	4,034.82	3/4	3,826.04	3/4	3,616.73	3/4	3,407.86	3/4	3,111.88	3/4	2,770.89
11		11		11		11	4,238.88	11	4,030.48	11	3,821.68	11	3,612.37	11	3,403.51	11	3,104.79	11	2,763.79
1/4		1/4		1/4		1/4	4,234.54	1/4	4,026.14	1/4	3,817.32	1/4	3,608.01	1/4	3,399.17	1/4	3,097.71	1/4	2,756.68
1/2		1/2		1/2		1/2	4,389.44	1/2	4,230.19	1/2	4,021.80	1/2	3,812.96	1/2	3,603.65	1/2	3,394.82	1/2	3,090.61
3/4		3/4		3/4		3/4	4,388.37	3/4	4,225.85	3/4	4,017.46	3/4	3,808.60	3/4	3,599.29	3/4	3,390.48	3/4	3,083.51

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 82'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "FMT 3298"

3 PORT 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	2,735.38	0	2,394.50	0	2,053.58	0	1,712.67	0	1,371.75	0	1,034.51	0	704.04	0	363.04	0	28.83	0	
1/4	2,728.28	1/4	2,387.40	1/4	2,046.48	1/4	1,705.57	1/4	1,364.65	1/4	1,027.71	1/4	696.93	1/4	355.93	1/4	23.49	1/4	
1/2	2,721.18	1/2	2,380.29	1/2	2,039.38	1/2	1,698.46	1/2	1,357.55	1/2	1,020.92	1/2	689.83	1/2	348.82	1/2	19.93	1/2	
3/4	2,714.08	3/4	2,373.19	3/4	2,032.28	3/4	1,691.36	3/4	1,350.45	3/4	1,014.13	3/4	682.73	3/4	341.70	3/4	16.38	3/4	
1	2,706.97	1	2,366.09	1	2,025.17	1	1,684.26	1	1,343.34	1	1,007.33	1	675.62	1	334.59	1	12.82	1	
1/4	2,699.87	1/4	2,358.99	1/4	2,018.07	1/4	1,677.16	1/4	1,336.24	1/4	1,000.54	1/4	668.52	1/4	327.47	1/4	9.26	1/4	
1/2	2,692.77	1/2	2,351.88	1/2	2,010.97	1/2	1,670.05	1/2	1,329.14	1/2	993.75	1/2	661.42	1/2	320.36	1/2	7.48	1/2	
3/4	2,685.67	3/4	2,344.78	3/4	2,003.87	3/4	1,662.95	3/4	1,322.04	3/4	986.95	3/4	654.31	3/4	313.24	3/4	5.70	3/4	
2	2,678.57	2	2,337.68	2	1,996.76	2	1,655.85	2	1,314.93	2	980.16	2	647.21	2	306.13	2	3.93	2	
1/4	2,671.47	1/4	2,330.58	1/4	1,989.66	1/4	1,648.75	1/4	1,307.83	1/4	973.36	1/4	640.10	1/4	299.01	1/4	2.15	1/4	
1/2	2,664.37	1/2	2,323.47	1/2	1,982.56	1/2	1,641.64	1/2	1,300.73	1/2	966.57	1/2	633.00	1/2	291.90	1/2		1/2	
3/4	2,657.26	3/4	2,316.37	3/4	1,975.46	3/4	1,634.54	3/4	1,293.63	3/4	959.78	3/4	625.90	3/4	284.78	3/4		3/4	
3	2,650.16	3	2,309.27	3	1,968.35	3	1,627.44	3	1,286.52	3	952.98	3	618.79	3	277.67	3		3	
1/4	2,643.06	1/4	2,302.17	1/4	1,961.25	1/4	1,620.34	1/4	1,279.42	1/4	946.19	1/4	611.69	1/4	270.55	1/4		1/4	
1/2	2,635.96	1/2	2,295.06	1/2	1,954.15	1/2	1,613.23	1/2	1,272.32	1/2	939.40	1/2	604.59	1/2	263.43	1/2		1/2	
3/4	2,628.86	3/4	2,287.96	3/4	1,947.05	3/4	1,606.13	3/4	1,265.22	3/4	932.60	3/4	597.48	3/4	256.32	3/4		3/4	
4	2,621.76	4	2,280.86	4	1,939.94	4	1,599.03	4	1,258.11	4	925.81	4	590.38	4	249.20	4		4	
1/4	2,614.65	1/4	2,273.76	1/4	1,932.84	1/4	1,591.93	1/4	1,251.01	1/4	919.02	1/4	583.28	1/4	242.09	1/4		1/4	
1/2	2,607.55	1/2	2,266.65	1/2	1,925.74	1/2	1,584.82	1/2	1,243.91	1/2	912.22	1/2	576.17	1/2	234.97	1/2		1/2	
3/4	2,600.45	3/4	2,259.55	3/4	1,918.64	3/4	1,577.72	3/4	1,236.81	3/4	905.43	3/4	569.07	3/4	227.86	3/4		3/4	
5	2,593.35	5	2,252.45	5	1,911.53	5	1,570.62	5	1,229.70	5	898.64	5	561.96	5	220.74	5		5	
1/4	2,586.25	1/4	2,245.35	1/4	1,904.43	1/4	1,563.52	1/4	1,222.60	1/4	891.84	1/4	554.86	1/4	213.63	1/4		1/4	
1/2	2,579.15	1/2	2,238.25	1/2	1,897.33	1/2	1,556.41	1/2	1,215.50	1/2	885.05	1/2	547.76	1/2	206.51	1/2		1/2	
3/4	2,572.05	3/4	2,231.14	3/4	1,890.23	3/4	1,549.31	3/4	1,208.40	3/4	878.26	3/4	540.65	3/4	199.40	3/4		3/4	
6	2,564.94	6	2,224.04	6	1,883.13	6	1,542.21	6	1,201.29	6	871.46	6	533.55	6	192.28	6		6	
1/4	2,557.84	1/4	2,216.94	1/4	1,876.02	1/4	1,535.11	1/4	1,194.19	1/4	864.67	1/4	526.45	1/4	185.17	1/4		1/4	
1/2	2,550.74	1/2	2,209.84	1/2	1,868.92	1/2	1,528.01	1/2	1,187.09	1/2	857.87	1/2	519.34	1/2	178.05	1/2		1/2	
3/4	2,543.64	3/4	2,202.73	3/4	1,861.82	3/4	1,520.90	3/4	1,179.99	3/4	851.07	3/4	512.24	3/4	170.94	3/4		3/4	
7	2,536.54	7	2,195.63	7	1,854.72	7	1,513.80	7	1,172.89	7	844.28	7	505.13	7	163.82	7		7	
1/4	2,529.44	1/4	2,188.53	1/4	1,847.61	1/4	1,506.70	1/4	1,165.78	1/4	837.48	1/4	498.03	1/4	156.70	1/4		1/4	
1/2	2,522.34	1/2	2,181.43	1/2	1,840.51	1/2	1,499.60	1/2	1,158.68	1/2	830.64	1/2	490.93	1/2	149.59	1/2		1/2	
3/4	2,515.23	3/4	2,174.32	3/4	1,833.41	3/4	1,492.49	3/4	1,151.58	3/4	823.80	3/4	483.82	3/4	142.48	3/4		3/4	
8	2,508.13	8	2,167.22	8	1,826.31	8	1,485.39	8	1,144.48	8	816.97	8	476.72	8	135.36	8		8	
1/4	2,501.03	1/4	2,160.12	1/4	1,819.20	1/4	1,478.29	1/4	1,137.37	1/4	810.13	1/4	469.62	1/4	128.25	1/4		1/4	
1/2	2,493.93	1/2	2,153.02	1/2	1,812.10	1/2	1,471.19	1/2	1,130.39	1/2	803.14	1/2	462.51	1/2	121.14	1/2		1/2	
3/4	2,486.83	3/4	2,145.91	3/4	1,805.00	3/4	1,464.08	3/4	1,123.40	3/4	796.15	3/4	455.41	3/4	114.03	3/4		3/4	
9	2,479.73	9	2,138.81	9	1,797.90	9	1,456.98	9	1,116.41	9	789.17	9	448.31	9	106.92	9		9	
1/4	2,472.62	1/4	2,131.71	1/4	1,790.79	1/4	1,449.88	1/4	1,109.42	1/4	782.18	1/4	441.20	1/4	99.81	1/4		1/4	
1/2	2,465.52	1/2	2,124.61	1/2	1,783.69	1/2	1,442.78	1/2	1,102.59	1/2	775.08	1/2	434.10	1/2	92.72	1/2		1/2	
3/4	2,458.42	3/4	2,117.50	3/4	1,776.59	3/4	1,435.67	3/4	1,095.75	3/4	767.97	3/4	426.99	3/4	85.63	3/4		3/4	
10	2,451.32	10	2,110.40	10	1,769.49	10	1,428.57	10	1,088.92	10	760.87	10	419.89	10	78.53	10		10	
1/4	2,444.21	1/4	2,103.30	1/4	1,762.38	1/4	1,421.47	1/4	1,082.08	1/4	753.76	1/4	412.79	1/4	71.44	1/4		1/4	
1/2	2,437.11	1/2	2,096.20	1/2	1,755.28	1/2	1,414.37	1/2	1,075.28	1/2	746.66	1/2	405.68	1/2	64.79	1/2		1/2	
3/4	2,430.01	3/4	2,089.09	3/4	1,748.18	3/4	1,407.26	3/4	1,068.48	3/4	739.56	3/4	398.58	3/4	58.14	3/4		3/4	
11	2,422.91	11	2,081.99	11	1,741.08	11	1,400.16	11	1,061.69	11	732.45	11	391.48	11	51.49	11		11	
1/4	2,415.81	1/4	2,074.89	1/4	1,733.97	1/4	1,393.06	1/4	1,054.89	1/4	725.35	1/4	384.37	1/4	44.83	1/4		1/4	
1/2	2,408.70	1/2	2,067.79	1/2	1,726.87	1/2	1,385.96	1/2	1,048.10	1/2	718.25	1/2	377.26	1/2	39.50	1/2		1/2	
3/4	2,401.60	3/4	2,060.69	3/4	1,719.77	3/4	1,378.85	3/4	1,041.30	3/4	711.14	3/4	370.15	3/4	34.16	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
CALCULATED: 07/16/2019 CL
PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "FMT 3298"

3 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	4,412.04	0	4,245.90	0	4,037.05	0	3,827.74	0	3,617.98	0	3,408.22	0	3,098.02
1/4		1/4		1/4		1/4	4,410.96	1/4	4,241.55	1/4	4,032.70	1/4	3,823.37	1/4	3,613.61	1/4	3,403.85	1/4	3,090.91
1/2		1/2		1/2		1/2	4,409.25	1/2	4,237.20	1/2	4,028.35	1/2	3,819.00	1/2	3,609.24	1/2	3,399.50	1/2	3,083.81
3/4		3/4		3/4		3/4	4,407.55	3/4	4,232.84	3/4	4,024.00	3/4	3,814.63	3/4	3,604.87	3/4	3,395.14	3/4	3,076.70
1		1		1		1	4,405.84	1	4,228.49	1	4,019.65	1	3,810.26	1	3,600.50	1	3,390.79	1	3,069.59
1/4		1/4		1/4		1/4	4,404.13	1/4	4,224.14	1/4	4,015.30	1/4	3,805.89	1/4	3,596.13	1/4	3,386.44	1/4	3,062.48
1/2		1/2		1/2		1/2	4,402.43	1/2	4,219.79	1/2	4,010.95	1/2	3,801.52	1/2	3,591.76	1/2	3,382.11	1/2	3,055.38
3/4		3/4		3/4		3/4	4,400.72	3/4	4,215.44	3/4	4,006.60	3/4	3,797.15	3/4	3,587.39	3/4	3,377.77	3/4	3,048.27
2		2		2		2	4,399.01	2	4,211.09	2	4,002.25	2	3,792.78	2	3,583.02	2	3,373.44	2	3,041.16
1/4		1/4		1/4		1/4	4,397.30	1/4	4,206.74	1/4	3,997.90	1/4	3,788.41	1/4	3,578.65	1/4	3,369.10	1/4	3,034.05
1/2		1/2		1/2		1/2	4,395.33	1/2	4,202.39	1/2	3,993.54	1/2	3,784.04	1/2	3,574.28	1/2	3,363.39	1/2	3,026.95
3/4		3/4		3/4		3/4	4,393.35	3/4	4,198.04	3/4	3,989.19	3/4	3,779.67	3/4	3,569.91	3/4	3,357.68	3/4	3,019.84
3		3		3		3	4,391.38	3	4,193.69	3	3,984.84	3	3,775.30	3	3,565.54	3	3,351.97	3	3,012.73
1/4		1/4		1/4		1/4	4,389.34	1/4	4,189.34	1/4	3,980.49	1/4	3,770.93	1/4	3,561.17	1/4	3,346.25	1/4	3,005.62
1/2		1/2		1/2		1/2	4,386.56	1/2	4,184.98	1/2	3,976.14	1/2	3,766.56	1/2	3,556.80	1/2	3,339.16	1/2	2,998.52
3/4		3/4		3/4		3/4	4,383.72	3/4	4,180.63	3/4	3,971.79	3/4	3,762.19	3/4	3,552.43	3/4	3,332.07	3/4	2,991.41
4		4		4		4	4,380.88	4	4,176.28	4	3,967.44	4	3,757.82	4	3,548.06	4	3,324.98	4	2,984.30
1/4		1/4		1/4		1/4	4,378.04	1/4	4,171.93	1/4	3,963.09	1/4	3,753.45	1/4	3,543.69	1/4	3,317.89	1/4	2,977.20
1/2		1/2		1/2		1/2	4,374.20	1/2	4,167.58	1/2	3,958.74	1/2	3,749.08	1/2	3,539.32	1/2	3,310.80	1/2	2,970.09
3/4		3/4		3/4		3/4	4,370.36	3/4	4,163.23	3/4	3,954.39	3/4	3,744.71	3/4	3,534.95	3/4	3,303.71	3/4	2,962.98
5		5		5		5	4,366.51	5	4,158.88	5	3,950.04	5	3,740.34	5	3,530.58	5	3,296.62	5	2,955.87
1/4		1/4		1/4		1/4	4,362.67	1/4	4,154.53	1/4	3,945.68	1/4	3,735.97	1/4	3,526.21	1/4	3,289.53	1/4	2,948.77
1/2		1/2		1/2		1/2	4,358.39	1/2	4,150.18	1/2	3,941.33	1/2	3,731.60	1/2	3,521.84	1/2	3,282.44	1/2	2,941.66
3/4		3/4		3/4		3/4	4,354.10	3/4	4,145.83	3/4	3,936.97	3/4	3,727.23	3/4	3,517.47	3/4	3,275.35	3/4	2,934.55
6		6		6		6	4,349.82	6	4,141.48	6	3,932.61	6	3,722.86	6	3,513.10	6	3,268.26	6	2,927.44
1/4		1/4		1/4		1/4	4,345.54	1/4	4,137.12	1/4	3,928.25	1/4	3,718.49	1/4	3,508.73	1/4	3,261.17	1/4	2,920.34
1/2		1/2		1/2		1/2	4,341.23	1/2	4,132.77	1/2	3,923.88	1/2	3,714.12	1/2	3,504.36	1/2	3,254.08	1/2	2,913.23
3/4		3/4		3/4		3/4	4,336.91	3/4	4,128.42	3/4	3,919.51	3/4	3,709.75	3/4	3,499.99	3/4	3,246.99	3/4	2,906.12
7		7		7		7	4,332.60	7	4,124.07	7	3,915.14	7	3,705.38	7	3,495.62	7	3,239.90	7	2,899.02
1/4		1/4		1/4		1/4	4,328.28	1/4	4,119.72	1/4	3,910.77	1/4	3,701.01	1/4	3,491.25	1/4	3,232.81	1/4	2,891.91
1/2		1/2		1/2		1/2	4,323.96	1/2	4,115.37	1/2	3,906.40	1/2	3,696.64	1/2	3,486.88	1/2	3,225.72	1/2	2,884.80
3/4		3/4		3/4		3/4	4,319.64	3/4	4,111.02	3/4	3,902.03	3/4	3,692.27	3/4	3,482.51	3/4	3,218.63	3/4	2,877.69
8		8		8		8	4,315.32	8	4,106.67	8	3,897.66	8	3,687.90	8	3,478.14	8	3,211.54	8	2,870.59
1/4		1/4		1/4		1/4	4,311.00	1/4	4,102.32	1/4	3,893.29	1/4	3,683.53	1/4	3,473.77	1/4	3,204.45	1/4	2,863.48
1/2		1/2		1/2		1/2	4,306.67	1/2	4,097.97	1/2	3,888.92	1/2	3,679.16	1/2	3,469.40	1/2	3,197.36	1/2	2,856.37
3/4		3/4		3/4		3/4	4,302.35	3/4	4,093.62	3/4	3,884.55	3/4	3,674.79	3/4	3,465.03	3/4	3,190.27	3/4	2,849.26
9		9		9		9	4,298.03	9	4,089.26	9	3,880.18	9	3,670.42	9	3,460.66	9	3,183.18	9	2,842.16
1/4		1/4		1/4		1/4	4,293.70	1/4	4,084.91	1/4	3,875.81	1/4	3,666.05	1/4	3,456.29	1/4	3,176.09	1/4	2,835.05
1/2		1/2		1/2		1/2	4,289.37	1/2	4,080.56	1/2	3,871.44	1/2	3,661.68	1/2	3,451.92	1/2	3,169.00	1/2	2,827.94
3/4		3/4		3/4		3/4	4,285.03	3/4	4,076.21	3/4	3,867.07	3/4	3,657.31	3/4	3,447.55	3/4	3,161.91	3/4	2,820.84
10		10		10		10	4,280.69	10	4,071.86	10	3,862.70	10	3,652.94	10	3,443.18	10	3,154.82	10	2,813.73
1/4		1/4		1/4		1/4	4,276.35	1/4	4,067.51	1/4	3,858.33	1/4	3,648.57	1/4	3,438.81	1/4	3,147.73	1/4	2,806.62
1/2		1/2		1/2		1/2	4,272.00	1/2	4,063.16	1/2	3,853.96	1/2	3,644.20	1/2	3,434.44	1/2	3,140.64	1/2	2,799.51
3/4		3/4		3/4		3/4	4,267.65	3/4	4,058.81	3/4	3,849.59	3/4	3,639.83	3/4	3,430.07	3/4	3,133.54	3/4	2,792.41
11		11		11		11	4,263.30	11	4,054.46	11	3,845.22	11	3,635.46	11	3,425.70	11	3,126.44	11	2,785.30
1/4		1/4		1/4		1/4	4,258.95	1/4	4,050.11	1/4	3,840.85	1/4	3,631.09	1/4	3,421.33	1/4	3,119.34	1/4	2,778.19
1/2		1/2		1/2		1/2	4,414.19	1/2	4,045.76	1/2	3,836.48	1/2	3,626.72	1/2	3,416.96	1/2	3,112.23	1/2	2,771.08
3/4		3/4		3/4		3/4	4,413.11	3/4	4,041.40	3/4	3,832.11	3/4	3,622.35	3/4	3,412.59	3/4	3,105.13	3/4	2,763.98

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 82'-08" FORWARD OF AFT BULKHEAD.

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



BARGE "FMT 3298"

3 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	2,756.87	0	2,415.17	0	2,073.15	0	1,731.13	0	1,389.11	0	1,047.18	0	705.56	0	363.55	0	28.87	0	
1/4	2,749.76	1/4	2,408.04	1/4	2,066.02	1/4	1,724.00	1/4	1,381.98	1/4	1,040.07	1/4	698.44	1/4	356.43	1/4	23.52	1/4	
1/2	2,742.65	1/2	2,400.91	1/2	2,058.90	1/2	1,716.88	1/2	1,374.86	1/2	1,032.96	1/2	691.31	1/2	349.30	1/2	19.96	1/2	
3/4	2,735.55	3/4	2,393.79	3/4	2,051.77	3/4	1,709.75	3/4	1,367.73	3/4	1,025.85	3/4	684.19	3/4	342.18	3/4	16.40	3/4	
1	2,728.44	1	2,386.66	1	2,044.64	1	1,702.63	1	1,360.61	1	1,018.73	1	677.06	1	335.05	1	12.83	1	
1/4	2,721.33	1/4	2,379.54	1/4	2,037.52	1/4	1,695.50	1/4	1,353.48	1/4	1,011.62	1/4	669.94	1/4	327.93	1/4	9.27	1/4	
1/2	2,714.23	1/2	2,372.41	1/2	2,030.39	1/2	1,688.37	1/2	1,346.36	1/2	1,004.51	1/2	662.81	1/2	320.80	1/2	7.49	1/2	
3/4	2,707.12	3/4	2,365.29	3/4	2,023.27	3/4	1,681.25	3/4	1,339.23	3/4	997.40	3/4	655.69	3/4	313.68	3/4	5.71	3/4	
2	2,700.01	2	2,358.16	2	2,016.14	2	1,674.12	2	1,332.10	2	990.29	2	648.56	2	306.55	2	3.93	2	
1/4	2,692.90	1/4	2,351.04	1/4	2,009.02	1/4	1,667.00	1/4	1,324.98	1/4	983.18	1/4	641.44	1/4	299.43	1/4	2.15	1/4	
1/2	2,685.80	1/2	2,343.91	1/2	2,001.89	1/2	1,659.87	1/2	1,317.85	1/2	976.07	1/2	634.31	1/2	292.30	1/2		1/2	
3/4	2,678.69	3/4	2,336.79	3/4	1,994.77	3/4	1,652.75	3/4	1,310.73	3/4	968.96	3/4	627.19	3/4	285.18	3/4		3/4	
3	2,671.58	3	2,329.66	3	1,987.64	3	1,645.62	3	1,303.60	3	961.84	3	620.06	3	278.05	3		3	
1/4	2,664.47	1/4	2,322.53	1/4	1,980.52	1/4	1,638.50	1/4	1,296.48	1/4	954.73	1/4	612.94	1/4	270.93	1/4		1/4	
1/2	2,657.37	1/2	2,315.41	1/2	1,973.39	1/2	1,631.37	1/2	1,289.35	1/2	947.62	1/2	605.81	1/2	263.80	1/2		1/2	
3/4	2,650.26	3/4	2,308.28	3/4	1,966.26	3/4	1,624.25	3/4	1,282.23	3/4	940.51	3/4	598.69	3/4	256.68	3/4		3/4	
4	2,643.15	4	2,301.16	4	1,959.14	4	1,617.12	4	1,275.10	4	933.40	4	591.56	4	249.55	4		4	
1/4	2,636.05	1/4	2,294.03	1/4	1,952.01	1/4	1,610.00	1/4	1,267.98	1/4	926.29	1/4	584.44	1/4	242.43	1/4		1/4	
1/2	2,628.93	1/2	2,286.91	1/2	1,944.89	1/2	1,602.87	1/2	1,260.85	1/2	919.18	1/2	577.31	1/2	235.30	1/2		1/2	
3/4	2,621.81	3/4	2,279.78	3/4	1,937.76	3/4	1,595.74	3/4	1,253.73	3/4	912.06	3/4	570.18	3/4	228.18	3/4		3/4	
5	2,614.70	5	2,272.66	5	1,930.64	5	1,588.62	5	1,246.60	5	904.95	5	563.06	5	221.05	5		5	
1/4	2,607.58	1/4	2,265.53	1/4	1,923.51	1/4	1,581.49	1/4	1,239.47	1/4	897.84	1/4	555.93	1/4	213.92	1/4		1/4	
1/2	2,600.45	1/2	2,258.41	1/2	1,916.39	1/2	1,574.37	1/2	1,232.35	1/2	890.73	1/2	548.81	1/2	206.80	1/2		1/2	
3/4	2,593.33	3/4	2,251.28	3/4	1,909.26	3/4	1,567.24	3/4	1,225.22	3/4	883.62	3/4	541.68	3/4	199.67	3/4		3/4	
6	2,586.20	6	2,244.16	6	1,902.14	6	1,560.12	6	1,218.10	6	876.51	6	534.56	6	192.55	6		6	
1/4	2,579.07	1/4	2,237.03	1/4	1,895.01	1/4	1,552.99	1/4	1,210.97	1/4	869.40	1/4	527.43	1/4	185.42	1/4		1/4	
1/2	2,571.95	1/2	2,229.90	1/2	1,887.89	1/2	1,545.87	1/2	1,203.85	1/2	862.28	1/2	520.31	1/2	178.30	1/2		1/2	
3/4	2,564.82	3/4	2,222.78	3/4	1,880.76	3/4	1,538.74	3/4	1,196.72	3/4	855.17	3/4	513.18	3/4	171.17	3/4		3/4	
7	2,557.69	7	2,215.65	7	1,873.63	7	1,531.62	7	1,189.60	7	848.05	7	506.06	7	164.05	7		7	
1/4	2,550.57	1/4	2,208.53	1/4	1,866.51	1/4	1,524.49	1/4	1,182.47	1/4	840.94	1/4	498.93	1/4	156.92	1/4		1/4	
1/2	2,543.44	1/2	2,201.40	1/2	1,859.38	1/2	1,517.36	1/2	1,175.35	1/2	833.81	1/2	491.81	1/2	149.80	1/2		1/2	
3/4	2,536.32	3/4	2,194.28	3/4	1,852.26	3/4	1,510.24	3/4	1,168.22	3/4	826.69	3/4	484.68	3/4	142.67	3/4		3/4	
8	2,529.19	8	2,187.15	8	1,845.13	8	1,503.11	8	1,161.09	8	819.56	8	477.56	8	135.55	8		8	
1/4	2,522.06	1/4	2,180.03	1/4	1,838.01	1/4	1,495.99	1/4	1,153.97	1/4	812.44	1/4	470.43	1/4	128.42	1/4		1/4	
1/2	2,514.93	1/2	2,172.90	1/2	1,830.88	1/2	1,488.86	1/2	1,146.84	1/2	805.32	1/2	463.31	1/2	121.31	1/2		1/2	
3/4	2,507.80	3/4	2,165.78	3/4	1,823.76	3/4	1,481.74	3/4	1,139.72	3/4	798.19	3/4	456.18	3/4	114.19	3/4		3/4	
9	2,500.67	9	2,158.65	9	1,816.63	9	1,474.61	9	1,132.59	9	791.07	9	449.06	9	107.07	9		9	
1/4	2,493.54	1/4	2,151.53	1/4	1,809.51	1/4	1,467.49	1/4	1,125.47	1/4	783.94	1/4	441.93	1/4	99.95	1/4		1/4	
1/2	2,486.42	1/2	2,144.40	1/2	1,802.38	1/2	1,460.36	1/2	1,118.35	1/2	776.82	1/2	434.81	1/2	92.85	1/2		1/2	
3/4	2,479.29	3/4	2,137.27	3/4	1,795.26	3/4	1,453.24	3/4	1,111.22	3/4	769.69	3/4	427.68	3/4	85.74	3/4		3/4	
10	2,472.17	10	2,130.15	10	1,788.13	10	1,446.11	10	1,104.10	10	762.57	10	420.56	10	78.64	10		10	
1/4	2,465.04	1/4	2,123.02	1/4	1,781.00	1/4	1,438.99	1/4	1,096.98	1/4	755.44	1/4	413.43	1/4	71.54	1/4		1/4	
1/2	2,457.92	1/2	2,115.90	1/2	1,773.88	1/2	1,431.86	1/2	1,089.86	1/2	748.31	1/2	406.31	1/2	64.88	1/2		1/2	
3/4	2,450.79	3/4	2,108.77	3/4	1,766.75	3/4	1,424.73	3/4	1,082.75	3/4	741.19	3/4	399.18	3/4	58.22	3/4		3/4	
11	2,443.67	11	2,101.65	11	1,759.63	11	1,417.61	11	1,075.63	11	734.06	11	392.05	11	51.56	11		11	
1/4	2,436.54	1/4	2,094.52	1/4	1,752.50	1/4	1,410.48	1/4	1,068.51	1/4	726.94	1/4	384.93	1/4	44.90	1/4		1/4	
1/2	2,429.42	1/2	2,087.40	1/2	1,745.38	1/2	1,403.36	1/2	1,061.40	1/2	719.81	1/2	377.80	1/2	39.55	1/2		1/2	
3/4	2,422.29	3/4	2,080.27	3/4	1,738.25	3/4	1,396.23	3/4	1,054.29	3/4	712.69	3/4	370.68	3/4	34.21	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/15/2019 CL
 CALCULATED: 07/16/2019 CL
 PRINTED: 07/16/2019 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2019

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