



# BARGE "FMT 3300"

## FUEL TANK INNAGE TABLE

### 8" HATCH

GAUGE HEIGHT 4'- 05 1/2"

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

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

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "FMT 3300"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,112	0	2,224	0	3,336	0	4,448	0	5,560	0		0		0		0	
1/4	23	1/4	1,135	1/4	2,247	1/4	3,359	1/4	4,471	1/4	5,584	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	46	1/2	1,158	1/2	2,270	1/2	3,383	1/2	4,495	1/2	5,607	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70	3/4	1,182	3/4	2,294	3/4	3,406	3/4	4,518	3/4	5,630	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	93	1	1,205	1	2,317	1	3,429	1	4,541	1	5,652	1	1	1	1	1	1	1	1
1/4	116	1/4	1,228	1/4	2,340	1/4	3,452	1/4	4,564	1/4	5,674	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	139	1/2	1,251	1/2	2,363	1/2	3,475	1/2	4,587	1/2	5,696	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162	3/4	1,274	3/4	2,386	3/4	3,498	3/4	4,610	3/4	5,718	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	185	2	1,297	2	2,409	2	3,522	2	4,634	2	5,742	2	2	2	2	2	2	2	2
1/4	209	1/4	1,321	1/4	2,433	1/4	3,545	1/4	4,657	1/4	5,765	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	232	1/2	1,344	1/2	2,456	1/2	3,568	1/2	4,680	1/2	5,788	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	255	3/4	1,367	3/4	2,479	3/4	3,591	3/4	4,703	3/4	5,811	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	278	3	1,390	3	2,502	3	3,614	3	4,726	3	5,834	3	3	3	3	3	3	3	3
1/4	301	1/4	1,413	1/4	2,525	1/4	3,637	1/4	4,749	1/4	5,857	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	324	1/2	1,436	1/2	2,549	1/2	3,661	1/2	4,773	1/2	5,880	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	348	3/4	1,460	3/4	2,572	3/4	3,684	3/4	4,796	3/4	5,903	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	371	4	1,483	4	2,595	4	3,707	4	4,819	4	5,926	4	4	4	4	4	4	4	4
1/4	394	1/4	1,506	1/4	2,618	1/4	3,730	1/4	4,842	1/4	5,949	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	417	1/2	1,529	1/2	2,641	1/2	3,753	1/2	4,865	1/2	5,972	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	440	3/4	1,552	3/4	2,664	3/4	3,776	3/4	4,888	3/4	5,995	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	463	5	1,575	5	2,688	5	3,800	5	4,912	5	6,018	5	5	5	5	5	5	5	5
1/4	487	1/4	1,599	1/4	2,711	1/4	3,823	1/4	4,935	1/4	6,041	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	510	1/2	1,622	1/2	2,734	1/2	3,846	1/2	4,958	1/2	6,064	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	533	3/4	1,645	3/4	2,757	3/4	3,869	3/4	4,981	3/4	6,087	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	556	6	1,668	6	2,780	6	3,892	6	5,004	6	6,110	6	6	6	6	6	6	6	6
1/4	579	1/4	1,691	1/4	2,803	1/4	3,915	1/4	5,027	1/4	6,133	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	602	1/2	1,714	1/2	2,827	1/2	3,939	1/2	5,051	1/2	6,156	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	626	3/4	1,738	3/4	2,850	3/4	3,962	3/4	5,074	3/4	6,179	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	649	7	1,761	7	2,873	7	3,985	7	5,097	7	6,202	7	7	7	7	7	7	7	7
1/4	672	1/4	1,784	1/4	2,896	1/4	4,008	1/4	5,120	1/4	6,225	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	695	1/2	1,807	1/2	2,919	1/2	4,031	1/2	5,143	1/2	6,248	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	718	3/4	1,830	3/4	2,942	3/4	4,054	3/4	5,167	3/4	6,271	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	741	8	1,853	8	2,966	8	4,078	8	5,190	8	6,294	8	8	8	8	8	8	8	8
1/4	765	1/4	1,877	1/4	2,989	1/4	4,101	1/4	5,213	1/4	6,317	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	788	1/2	1,900	1/2	3,012	1/2	4,124	1/2	5,236	1/2	6,340	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	811	3/4	1,923	3/4	3,035	3/4	4,147	3/4	5,259	3/4	6,363	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	834	9	1,946	9	3,058	9	4,170	9	5,282	9	6,386	9	9	9	9	9	9	9	9
1/4	857	1/4	1,969	1/4	3,081	1/4	4,193	1/4	5,306	1/4	6,409	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	880	1/2	1,992	1/2	3,105	1/2	4,217	1/2	5,329	1/2	6,432	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	904	3/4	2,016	3/4	3,128	3/4	4,240	3/4	5,352	3/4	6,455	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	927	10	2,039	10	3,151	10	4,263	10	5,375	10	6,478	10	10	10	10	10	10	10	10
1/4	950	1/4	2,062	1/4	3,174	1/4	4,286	1/4	5,398	1/4	6,501	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	973	1/2	2,085	1/2	3,197	1/2	4,309	1/2	5,421	1/2	6,524	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	996	3/4	2,108	3/4	3,220	3/4	4,332	3/4	5,445	3/4	6,547	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,019	11	2,131	11	3,244	11	4,356	11	5,468	11	6,570	11	11	11	11	11	11	11	11
1/4	1,043	1/4	2,155	1/4	3,267	1/4	4,379	1/4	5,491	1/4	6,593	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,066	1/2	2,178	1/2	3,290	1/2	4,402	1/2	5,514	1/2	6,616	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,089	3/4	2,201	3/4	3,313	3/4	4,425	3/4	5,537	3/4	6,639	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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

STRAPPED: 07/25/2019 CL  
 CALCULATED: 07/26/2019 CL  
 PRINTED: 07/27/2019 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "FMT 3300"

## 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	1,102	0	2,205	0	3,307	0	4,410	0	5,512	0		0		0		0	
1/4	23	1/4	1,125	1/4	2,228	1/4	3,330	1/4	4,433	1/4	5,535	1/4		1/4		1/4		1/4	
1/2	46	1/2	1,148	1/2	2,251	1/2	3,353	1/2	4,456	1/2	5,558	1/2		1/2		1/2		1/2	
3/4	69	3/4	1,171	3/4	2,274	3/4	3,376	3/4	4,479	3/4	5,581	3/4		3/4		3/4		3/4	
1	92	1	1,194	1	2,297	1	3,399	1	4,502	1		1		1		1		1	
1/4	115	1/4	1,217	1/4	2,320	1/4	3,422	1/4	4,524	1/4		1/4		1/4		1/4		1/4	
1/2	138	1/2	1,240	1/2	2,343	1/2	3,445	1/2	4,547	1/2		1/2		1/2		1/2		1/2	
3/4	161	3/4	1,263	3/4	2,366	3/4	3,468	3/4	4,570	3/4		3/4		3/4		3/4		3/4	
2	184	2	1,286	2	2,389	2	3,491	2	4,593	2		2		2		2		2	
1/4	207	1/4	1,309	1/4	2,412	1/4	3,514	1/4	4,616	1/4		1/4		1/4		1/4		1/4	
1/2	230	1/2	1,332	1/2	2,434	1/2	3,537	1/2	4,639	1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	1,355	3/4	2,457	3/4	3,560	3/4	4,662	3/4		3/4		3/4		3/4		3/4	
3	276	3	1,378	3	2,480	3	3,583	3	4,685	3		3		3		3		3	
1/4	299	1/4	1,401	1/4	2,503	1/4	3,606	1/4	4,708	1/4		1/4		1/4		1/4		1/4	
1/2	322	1/2	1,424	1/2	2,526	1/2	3,629	1/2	4,731	1/2		1/2		1/2		1/2		1/2	
3/4	345	3/4	1,447	3/4	2,549	3/4	3,652	3/4	4,754	3/4		3/4		3/4		3/4		3/4	
4	367	4	1,470	4	2,572	4	3,675	4	4,777	4		4		4		4		4	
1/4	390	1/4	1,493	1/4	2,595	1/4	3,698	1/4	4,800	1/4		1/4		1/4		1/4		1/4	
1/2	413	1/2	1,516	1/2	2,618	1/2	3,721	1/2	4,823	1/2		1/2		1/2		1/2		1/2	
3/4	436	3/4	1,539	3/4	2,641	3/4	3,744	3/4	4,846	3/4		3/4		3/4		3/4		3/4	
5	459	5	1,562	5	2,664	5	3,767	5	4,869	5		5		5		5		5	
1/4	482	1/4	1,585	1/4	2,687	1/4	3,790	1/4	4,892	1/4		1/4		1/4		1/4		1/4	
1/2	505	1/2	1,608	1/2	2,710	1/2	3,813	1/2	4,915	1/2		1/2		1/2		1/2		1/2	
3/4	528	3/4	1,631	3/4	2,733	3/4	3,835	3/4	4,938	3/4		3/4		3/4		3/4		3/4	
6	551	6	1,654	6	2,756	6	3,858	6	4,961	6		6		6		6		6	
1/4	574	1/4	1,677	1/4	2,779	1/4	3,881	1/4	4,984	1/4		1/4		1/4		1/4		1/4	
1/2	597	1/2	1,700	1/2	2,802	1/2	3,904	1/2	5,007	1/2		1/2		1/2		1/2		1/2	
3/4	620	3/4	1,723	3/4	2,825	3/4	3,927	3/4	5,030	3/4		3/4		3/4		3/4		3/4	
7	643	7	1,745	7	2,848	7	3,950	7	5,053	7		7		7		7		7	
1/4	666	1/4	1,768	1/4	2,871	1/4	3,973	1/4	5,076	1/4		1/4		1/4		1/4		1/4	
1/2	689	1/2	1,791	1/2	2,894	1/2	3,996	1/2	5,099	1/2		1/2		1/2		1/2		1/2	
3/4	712	3/4	1,814	3/4	2,917	3/4	4,019	3/4	5,122	3/4		3/4		3/4		3/4		3/4	
8	735	8	1,837	8	2,940	8	4,042	8	5,145	8		8		8		8		8	
1/4	758	1/4	1,860	1/4	2,963	1/4	4,065	1/4	5,168	1/4		1/4		1/4		1/4		1/4	
1/2	781	1/2	1,883	1/2	2,986	1/2	4,088	1/2	5,191	1/2		1/2		1/2		1/2		1/2	
3/4	804	3/4	1,906	3/4	3,009	3/4	4,111	3/4	5,213	3/4		3/4		3/4		3/4		3/4	
9	827	9	1,929	9	3,032	9	4,134	9	5,236	9		9		9		9		9	
1/4	850	1/4	1,952	1/4	3,055	1/4	4,157	1/4	5,259	1/4		1/4		1/4		1/4		1/4	
1/2	873	1/2	1,975	1/2	3,078	1/2	4,180	1/2	5,282	1/2		1/2		1/2		1/2		1/2	
3/4	896	3/4	1,998	3/4	3,101	3/4	4,203	3/4	5,305	3/4		3/4		3/4		3/4		3/4	
10	919	10	2,021	10	3,123	10	4,226	10	5,328	10		10		10		10		10	
1/4	942	1/4	2,044	1/4	3,146	1/4	4,249	1/4	5,351	1/4		1/4		1/4		1/4		1/4	
1/2	965	1/2	2,067	1/2	3,169	1/2	4,272	1/2	5,374	1/2		1/2		1/2		1/2		1/2	
3/4	988	3/4	2,090	3/4	3,192	3/4	4,295	3/4	5,397	3/4		3/4		3/4		3/4		3/4	
11	1,011	11	2,113	11	3,215	11	4,318	11	5,420	11		11		11		11		11	
1/4	1,034	1/4	2,136	1/4	3,238	1/4	4,341	1/4	5,443	1/4		1/4		1/4		1/4		1/4	
1/2	1,056	1/2	2,159	1/2	3,261	1/2	4,364	1/2	5,466	1/2		1/2		1/2		1/2		1/2	
3/4	1,079	3/4	2,182	3/4	3,284	3/4	4,387	3/4	5,489	3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "FMT 3300"

## 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 25, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "FMT 3300"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW  
  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019

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# BARGE "FMT 3300"

## 1 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	3,361.61	0	3,703.73	0	4,045.92	0	4,387.45	0	4,728.08	0		0		0		0		0	
1/4	3,368.74	1/4	3,710.86	1/4	4,053.05	1/4	4,394.55	1/4	4,735.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,375.87	1/2	3,717.99	1/2	4,060.18	1/2	4,401.65	1/2	4,742.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,382.99	3/4	3,725.12	3/4	4,067.30	3/4	4,408.74	3/4	4,749.37	3/4		3/4		3/4		3/4		3/4	
1	3,390.12	1	3,732.25	1	4,074.43	1	4,415.84	1	4,756.47	1		1		1		1		1	
1/4	3,397.25	1/4	3,739.38	1/4	4,081.56	1/4	4,422.94	1/4	4,763.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,404.37	1/2	3,746.50	1/2	4,088.69	1/2	4,430.03	1/2	4,770.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,411.50	3/4	3,753.63	3/4	4,095.82	3/4	4,437.13	3/4	4,777.76	3/4		3/4		3/4		3/4		3/4	
2	3,418.63	2	3,760.76	2	4,102.95	2	4,444.23	2	4,784.85	2		2		2		2		2	
1/4	3,425.75	1/4	3,767.89	1/4	4,110.08	1/4	4,451.32	1/4	4,791.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,432.88	1/2	3,775.02	1/2	4,117.21	1/2	4,458.42	1/2	4,799.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,440.01	3/4	3,782.15	3/4	4,124.34	3/4	4,465.52	3/4	4,806.14	3/4		3/4		3/4		3/4		3/4	
3	3,447.14	3	3,789.28	3	4,131.46	3	4,472.61	3	4,813.24	3		3		3		3		3	
1/4	3,454.26	1/4	3,796.41	1/4	4,138.59	1/4	4,479.71	1/4	4,820.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,461.39	1/2	3,803.54	1/2	4,145.72	1/2	4,486.80	1/2	4,827.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,468.52	3/4	3,810.66	3/4	4,152.85	3/4	4,493.90	3/4	4,834.39	3/4		3/4		3/4		3/4		3/4	
4	3,475.64	4	3,817.79	4	4,159.98	4	4,501.00	4	4,841.44	4		4		4		4		4	
1/4	3,482.77	1/4	3,824.92	1/4	4,167.11	1/4	4,508.09	1/4	4,848.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,489.90	1/2	3,832.05	1/2	4,174.24	1/2	4,515.19	1/2	4,855.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,497.02	3/4	3,839.18	3/4	4,181.37	3/4	4,522.29	3/4	4,862.60	3/4		3/4		3/4		3/4		3/4	
5	3,504.15	5	3,846.31	5	4,188.50	5	4,529.38	5	4,869.65	5		5		5		5		5	
1/4	3,511.28	1/4	3,853.44	1/4	4,195.62	1/4	4,536.48	1/4	4,876.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,518.41	1/2	3,860.57	1/2	4,202.75	1/2	4,543.58	1/2	4,883.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,525.53	3/4	3,867.70	3/4	4,209.88	3/4	4,550.67	3/4	4,890.80	3/4		3/4		3/4		3/4		3/4	
6	3,532.66	6	3,874.82	6	4,217.01	6	4,557.77	6	4,897.85	6		6		6		6		6	
1/4	3,539.79	1/4	3,881.95	1/4	4,224.14	1/4	4,564.87	1/4	4,904.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,546.91	1/2	3,889.08	1/2	4,231.27	1/2	4,571.96	1/2	4,911.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,554.04	3/4	3,896.21	3/4	4,238.40	3/4	4,579.06	3/4	4,918.96	3/4		3/4		3/4		3/4		3/4	
7	3,561.17	7	3,903.34	7	4,245.53	7	4,586.15	7	4,926.00	7		7		7		7		7	
1/4	3,568.29	1/4	3,910.47	1/4	4,252.62	1/4	4,593.25	1/4	4,932.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,575.42	1/2	3,917.60	1/2	4,259.72	1/2	4,600.35	1/2	4,939.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,582.55	3/4	3,924.73	3/4	4,266.82	3/4	4,607.44	3/4	4,946.95	3/4		3/4		3/4		3/4		3/4	
8	3,589.68	8	3,931.86	8	4,273.91	8	4,614.54	8	4,953.93	8		8		8		8		8	
1/4	3,596.80	1/4	3,938.98	1/4	4,281.01	1/4	4,621.64	1/4	4,960.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.93	1/2	3,946.11	1/2	4,288.11	1/2	4,628.73	1/2	4,966.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,611.06	3/4	3,953.24	3/4	4,295.20	3/4	4,635.83	3/4	4,972.41	3/4		3/4		3/4		3/4		3/4	
9	3,618.18	9	3,960.37	9	4,302.30	9	4,642.93	9	4,978.57	9		9		9		9		9	
1/4	3,625.31	1/4	3,967.50	1/4	4,309.39	1/4	4,650.02	1/4	4,983.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,632.44	1/2	3,974.63	1/2	4,316.49	1/2	4,657.12	1/2	4,988.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.57	3/4	3,981.76	3/4	4,323.59	3/4	4,664.21	3/4	4,993.49	3/4		3/4		3/4		3/4		3/4	
10	3,646.70	10	3,988.89	10	4,330.68	10	4,671.31	10	4,998.46	10		10		10		10		10	
1/4	3,653.83	1/4	3,996.02	1/4	4,337.78	1/4	4,678.41	1/4	5,002.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.96	1/2	4,003.14	1/2	4,344.88	1/2	4,685.50	1/2	5,006.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.09	3/4	4,010.27	3/4	4,351.97	3/4	4,692.60	3/4	5,009.81	3/4		3/4		3/4		3/4		3/4	
11	3,675.21	11	4,017.40	11	4,359.07	11	4,699.70	11	5,013.60	11		11		11		11		11	
1/4	3,682.34	1/4	4,024.53	1/4	4,366.17	1/4	4,706.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.47	1/2	4,031.66	1/2	4,373.26	1/2	4,713.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,696.60	3/4	4,038.79	3/4	4,380.36	3/4	4,720.99	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019







# BARGE "FMT 3300"

## 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	3,422.74	0	3,766.36	0	4,109.98	0	4,452.95	0	4,795.00	0		0		0		0		0	
1/4	3,429.90	1/4	3,773.52	1/4	4,117.14	1/4	4,460.08	1/4	4,802.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,437.05	1/2	3,780.68	1/2	4,124.30	1/2	4,467.20	1/2	4,809.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,444.21	3/4	3,787.84	3/4	4,131.46	3/4	4,474.33	3/4	4,816.38	3/4		3/4		3/4		3/4		3/4	
1	3,451.37	1	3,794.99	1	4,138.62	1	4,481.45	1	4,823.51	1		1		1		1		1	
1/4	3,458.53	1/4	3,802.15	1/4	4,145.78	1/4	4,488.58	1/4	4,830.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,465.69	1/2	3,809.31	1/2	4,152.93	1/2	4,495.71	1/2	4,837.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,472.85	3/4	3,816.47	3/4	4,160.09	3/4	4,502.83	3/4	4,844.89	3/4		3/4		3/4		3/4		3/4	
2	3,480.01	2	3,823.63	2	4,167.25	2	4,509.96	2	4,852.01	2		2		2		2		2	
1/4	3,487.17	1/4	3,830.79	1/4	4,174.41	1/4	4,517.08	1/4	4,859.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,494.32	1/2	3,837.95	1/2	4,181.57	1/2	4,524.21	1/2	4,866.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,501.48	3/4	3,845.11	3/4	4,188.73	3/4	4,531.34	3/4	4,873.39	3/4		3/4		3/4		3/4		3/4	
3	3,508.64	3	3,852.26	3	4,195.89	3	4,538.46	3	4,880.52	3		3		3		3		3	
1/4	3,515.80	1/4	3,859.42	1/4	4,203.05	1/4	4,545.59	1/4	4,887.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,522.96	1/2	3,866.58	1/2	4,210.20	1/2	4,552.72	1/2	4,894.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,530.12	3/4	3,873.74	3/4	4,217.36	3/4	4,559.84	3/4	4,901.76	3/4		3/4		3/4		3/4		3/4	
4	3,537.28	4	3,880.90	4	4,224.52	4	4,566.97	4	4,908.84	4		4		4		4		4	
1/4	3,544.44	1/4	3,888.06	1/4	4,231.68	1/4	4,574.09	1/4	4,915.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,551.60	1/2	3,895.22	1/2	4,238.84	1/2	4,581.22	1/2	4,923.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,558.75	3/4	3,902.38	3/4	4,246.00	3/4	4,588.35	3/4	4,930.09	3/4		3/4		3/4		3/4		3/4	
5	3,565.91	5	3,909.54	5	4,253.16	5	4,595.47	5	4,937.17	5		5		5		5		5	
1/4	3,573.07	1/4	3,916.69	1/4	4,260.32	1/4	4,602.60	1/4	4,944.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,580.23	1/2	3,923.85	1/2	4,267.48	1/2	4,609.72	1/2	4,951.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.39	3/4	3,931.01	3/4	4,274.63	3/4	4,616.85	3/4	4,958.40	3/4		3/4		3/4		3/4		3/4	
6	3,594.55	6	3,938.17	6	4,281.79	6	4,623.98	6	4,965.48	6		6		6		6		6	
1/4	3,601.71	1/4	3,945.33	1/4	4,288.95	1/4	4,631.10	1/4	4,972.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.87	1/2	3,952.49	1/2	4,296.11	1/2	4,638.23	1/2	4,979.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.02	3/4	3,959.65	3/4	4,303.27	3/4	4,645.35	3/4	4,986.68	3/4		3/4		3/4		3/4		3/4	
7	3,623.18	7	3,966.81	7	4,310.43	7	4,652.48	7	4,993.75	7		7		7		7		7	
1/4	3,630.34	1/4	3,973.96	1/4	4,317.55	1/4	4,659.61	1/4	5,000.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.50	1/2	3,981.12	1/2	4,324.68	1/2	4,666.73	1/2	5,007.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.66	3/4	3,988.28	3/4	4,331.81	3/4	4,673.86	3/4	5,014.78	3/4		3/4		3/4		3/4		3/4	
8	3,651.82	8	3,995.44	8	4,338.93	8	4,680.99	8	5,021.80	8		8		8		8		8	
1/4	3,658.98	1/4	4,002.60	1/4	4,346.06	1/4	4,688.11	1/4	5,027.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,666.14	1/2	4,009.76	1/2	4,353.18	1/2	4,695.24	1/2	5,034.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,673.29	3/4	4,016.92	3/4	4,360.31	3/4	4,702.36	3/4	5,040.35	3/4		3/4		3/4		3/4		3/4	
9	3,680.45	9	4,024.08	9	4,367.44	9	4,709.49	9	5,046.54	9		9		9		9		9	
1/4	3,687.61	1/4	4,031.23	1/4	4,374.56	1/4	4,716.62	1/4	5,051.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,694.77	1/2	4,038.39	1/2	4,381.69	1/2	4,723.74	1/2	5,056.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,701.93	3/4	4,045.55	3/4	4,388.82	3/4	4,730.87	3/4	5,061.52	3/4		3/4		3/4		3/4		3/4	
10	3,709.09	10	4,052.71	10	4,395.94	10	4,737.99	10	5,066.51	10		10		10		10		10	
1/4	3,716.25	1/4	4,059.87	1/4	4,403.07	1/4	4,745.12	1/4	5,070.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,723.41	1/2	4,067.03	1/2	4,410.19	1/2	4,752.25	1/2	5,074.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,730.57	3/4	4,074.19	3/4	4,417.32	3/4	4,759.37	3/4	5,077.91	3/4		3/4		3/4		3/4		3/4	
11	3,737.72	11	4,081.35	11	4,424.45	11	4,766.50	11	5,081.71	11		11		11		11		11	
1/4	3,744.88	1/4	4,088.51	1/4	4,431.57	1/4	4,773.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.04	1/2	4,095.66	1/2	4,438.70	1/2	4,780.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,759.20	3/4	4,102.82	3/4	4,445.82	3/4	4,787.88	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

## 2 STBD INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,427.59	0	3,770.32	0	4,113.13	0	4,455.28	0	4,796.52	0		0		0		0		0	
1/4	3,434.73	1/4	3,777.47	1/4	4,120.27	1/4	4,462.39	1/4	4,803.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,441.87	1/2	3,784.61	1/2	4,127.41	1/2	4,469.50	1/2	4,810.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,449.01	3/4	3,791.75	3/4	4,134.56	3/4	4,476.61	3/4	4,817.85	3/4		3/4		3/4		3/4		3/4	
1	3,456.15	1	3,798.89	1	4,141.70	1	4,483.72	1	4,824.96	1		1		1		1		1	
1/4	3,463.29	1/4	3,806.03	1/4	4,148.84	1/4	4,490.83	1/4	4,832.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,470.43	1/2	3,813.17	1/2	4,155.98	1/2	4,497.94	1/2	4,839.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,477.57	3/4	3,820.32	3/4	4,163.12	3/4	4,505.05	3/4	4,846.28	3/4		3/4		3/4		3/4		3/4	
2	3,484.71	2	3,827.46	2	4,170.26	2	4,512.16	2	4,853.39	2		2		2		2		2	
1/4	3,491.85	1/4	3,834.60	1/4	4,177.41	1/4	4,519.26	1/4	4,860.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,498.99	1/2	3,841.74	1/2	4,184.55	1/2	4,526.37	1/2	4,867.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,506.13	3/4	3,848.88	3/4	4,191.69	3/4	4,533.48	3/4	4,874.72	3/4		3/4		3/4		3/4		3/4	
3	3,513.27	3	3,856.03	3	4,198.83	3	4,540.59	3	4,881.83	3		3		3		3		3	
1/4	3,520.41	1/4	3,863.17	1/4	4,205.97	1/4	4,547.70	1/4	4,888.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,527.55	1/2	3,870.31	1/2	4,213.12	1/2	4,554.81	1/2	4,895.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,534.69	3/4	3,877.45	3/4	4,220.26	3/4	4,561.92	3/4	4,903.02	3/4		3/4		3/4		3/4		3/4	
4	3,541.83	4	3,884.59	4	4,227.40	4	4,569.03	4	4,910.09	4		4		4		4		4	
1/4	3,548.97	1/4	3,891.73	1/4	4,234.54	1/4	4,576.14	1/4	4,917.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,556.11	1/2	3,898.88	1/2	4,241.68	1/2	4,583.25	1/2	4,924.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,563.25	3/4	3,906.02	3/4	4,248.82	3/4	4,590.36	3/4	4,931.28	3/4		3/4		3/4		3/4		3/4	
5	3,570.39	5	3,913.16	5	4,255.97	5	4,597.46	5	4,938.34	5		5		5		5		5	
1/4	3,577.53	1/4	3,920.30	1/4	4,263.11	1/4	4,604.57	1/4	4,945.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,584.67	1/2	3,927.44	1/2	4,270.25	1/2	4,611.68	1/2	4,952.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,591.81	3/4	3,934.58	3/4	4,277.39	3/4	4,618.79	3/4	4,959.53	3/4		3/4		3/4		3/4		3/4	
6	3,598.95	6	3,941.73	6	4,284.53	6	4,625.90	6	4,966.59	6		6		6		6		6	
1/4	3,606.09	1/4	3,948.87	1/4	4,291.67	1/4	4,633.01	1/4	4,973.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,613.22	1/2	3,956.01	1/2	4,298.82	1/2	4,640.12	1/2	4,980.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.36	3/4	3,963.15	3/4	4,305.96	3/4	4,647.23	3/4	4,987.74	3/4		3/4		3/4		3/4		3/4	
7	3,627.50	7	3,970.29	7	4,313.10	7	4,654.34	7	4,994.79	7		7		7		7		7	
1/4	3,634.64	1/4	3,977.44	1/4	4,320.21	1/4	4,661.45	1/4	5,001.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,641.78	1/2	3,984.58	1/2	4,327.32	1/2	4,668.56	1/2	5,008.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.92	3/4	3,991.72	3/4	4,334.43	3/4	4,675.66	3/4	5,015.78	3/4		3/4		3/4		3/4		3/4	
8	3,656.06	8	3,998.86	8	4,341.54	8	4,682.77	8	5,022.77	8		8		8		8		8	
1/4	3,663.20	1/4	4,006.00	1/4	4,348.65	1/4	4,689.88	1/4	5,028.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.34	1/2	4,013.14	1/2	4,355.75	1/2	4,696.99	1/2	5,035.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.48	3/4	4,020.29	3/4	4,362.86	3/4	4,704.10	3/4	5,041.29	3/4		3/4		3/4		3/4		3/4	
9	3,684.62	9	4,027.43	9	4,369.97	9	4,711.21	9	5,047.46	9		9		9		9		9	
1/4	3,691.76	1/4	4,034.57	1/4	4,377.08	1/4	4,718.32	1/4	5,052.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,698.91	1/2	4,041.71	1/2	4,384.19	1/2	4,725.43	1/2	5,057.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,706.05	3/4	4,048.85	3/4	4,391.30	3/4	4,732.54	3/4	5,062.40	3/4		3/4		3/4		3/4		3/4	
10	3,713.19	10	4,056.00	10	4,398.41	10	4,739.65	10	5,067.39	10		10		10		10		10	
1/4	3,720.33	1/4	4,063.14	1/4	4,405.52	1/4	4,746.76	1/4	5,071.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,727.47	1/2	4,070.28	1/2	4,412.63	1/2	4,753.86	1/2	5,074.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,734.61	3/4	4,077.42	3/4	4,419.74	3/4	4,760.97	3/4	5,078.76	3/4		3/4		3/4		3/4		3/4	
11	3,741.76	11	4,084.56	11	4,426.85	11	4,768.08	11	5,082.55	11		11		11		11		11	
1/4	3,748.90	1/4	4,091.70	1/4	4,433.95	1/4	4,775.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.04	1/2	4,098.85	1/2	4,441.06	1/2	4,782.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.18	3/4	4,105.99	3/4	4,448.17	3/4	4,789.41	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

## 3 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	3,371.53	0	3,580.18	0	3,789.40	0	3,998.23	0	4,206.53	0		0		0		0		0	
1/4	3,375.87	1/4	3,584.54	1/4	3,793.76	1/4	4,002.57	1/4	4,210.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,380.22	1/2	3,588.90	1/2	3,798.12	1/2	4,006.91	1/2	4,215.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,384.56	3/4	3,593.26	3/4	3,802.47	3/4	4,011.25	3/4	4,219.55	3/4		3/4		3/4		3/4		3/4	
1	3,388.90	1	3,597.62	1	3,806.83	1	4,015.59	1	4,223.89	1		1		1		1		1	
1/4	3,393.25	1/4	3,601.97	1/4	3,811.19	1/4	4,019.93	1/4	4,228.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,397.59	1/2	3,606.33	1/2	3,815.55	1/2	4,024.27	1/2	4,232.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,401.93	3/4	3,610.69	3/4	3,819.91	3/4	4,028.61	3/4	4,236.91	3/4		3/4		3/4		3/4		3/4	
2	3,406.27	2	3,615.05	2	3,824.27	2	4,032.95	2	4,241.25	2		2		2		2		2	
1/4	3,410.62	1/4	3,619.41	1/4	3,828.63	1/4	4,037.29	1/4	4,245.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,414.96	1/2	3,623.77	1/2	3,832.99	1/2	4,041.63	1/2	4,249.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,419.30	3/4	3,628.13	3/4	3,837.34	3/4	4,045.97	3/4	4,254.27	3/4		3/4		3/4		3/4		3/4	
3	3,423.65	3	3,632.48	3	3,841.70	3	4,050.31	3	4,258.61	3		3		3		3		3	
1/4	3,427.99	1/4	3,636.84	1/4	3,846.06	1/4	4,054.65	1/4	4,262.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,432.33	1/2	3,641.20	1/2	3,850.42	1/2	4,058.99	1/2	4,267.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,436.68	3/4	3,645.56	3/4	3,854.78	3/4	4,063.33	3/4	4,271.55	3/4		3/4		3/4		3/4		3/4	
4	3,441.02	4	3,649.92	4	3,859.14	4	4,067.67	4	4,275.86	4		4		4		4		4	
1/4	3,445.36	1/4	3,654.28	1/4	3,863.50	1/4	4,072.01	1/4	4,280.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,449.70	1/2	3,658.64	1/2	3,867.85	1/2	4,076.35	1/2	4,284.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,454.05	3/4	3,663.00	3/4	3,872.21	3/4	4,080.69	3/4	4,288.80	3/4		3/4		3/4		3/4		3/4	
5	3,458.39	5	3,667.35	5	3,876.57	5	4,085.03	5	4,293.11	5		5		5		5		5	
1/4	3,462.73	1/4	3,671.71	1/4	3,880.93	1/4	4,089.37	1/4	4,297.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,467.08	1/2	3,676.07	1/2	3,885.29	1/2	4,093.70	1/2	4,301.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,471.42	3/4	3,680.43	3/4	3,889.65	3/4	4,098.04	3/4	4,306.03	3/4		3/4		3/4		3/4		3/4	
6	3,475.76	6	3,684.79	6	3,894.01	6	4,102.38	6	4,310.34	6		6		6		6		6	
1/4	3,480.10	1/4	3,689.15	1/4	3,898.37	1/4	4,106.72	1/4	4,314.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,484.45	1/2	3,693.51	1/2	3,902.72	1/2	4,111.06	1/2	4,318.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,488.79	3/4	3,697.87	3/4	3,907.08	3/4	4,115.40	3/4	4,323.24	3/4		3/4		3/4		3/4		3/4	
7	3,493.13	7	3,702.22	7	3,911.44	7	4,119.74	7	4,327.53	7		7		7		7		7	
1/4	3,497.48	1/4	3,706.58	1/4	3,915.78	1/4	4,124.08	1/4	4,331.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,501.82	1/2	3,710.94	1/2	3,920.12	1/2	4,128.42	1/2	4,336.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,506.16	3/4	3,715.30	3/4	3,924.46	3/4	4,132.76	3/4	4,340.27	3/4		3/4		3/4		3/4		3/4	
8	3,510.50	8	3,719.66	8	3,928.80	8	4,137.10	8	4,344.51	8		8		8		8		8	
1/4	3,514.85	1/4	3,724.02	1/4	3,933.14	1/4	4,141.44	1/4	4,347.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,519.19	1/2	3,728.38	1/2	3,937.48	1/2	4,145.78	1/2	4,351.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,523.53	3/4	3,732.73	3/4	3,941.82	3/4	4,150.12	3/4	4,354.78	3/4		3/4		3/4		3/4		3/4	
9	3,527.88	9	3,737.09	9	3,946.16	9	4,154.46	9	4,358.20	9		9		9		9		9	
1/4	3,532.23	1/4	3,741.45	1/4	3,950.50	1/4	4,158.80	1/4	4,360.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,536.59	1/2	3,745.81	1/2	3,954.84	1/2	4,163.14	1/2	4,362.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,540.95	3/4	3,750.17	3/4	3,959.18	3/4	4,167.48	3/4	4,364.92	3/4		3/4		3/4		3/4		3/4	
10	3,545.31	10	3,754.53	10	3,963.52	10	4,171.82	10	4,367.15	10		10		10		10		10	
1/4	3,549.67	1/4	3,758.89	1/4	3,967.86	1/4	4,176.16	1/4	4,368.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,554.03	1/2	3,763.25	1/2	3,972.20	1/2	4,180.50	1/2	4,370.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,558.39	3/4	3,767.60	3/4	3,976.54	3/4	4,184.84	3/4	4,372.26	3/4		3/4		3/4		3/4		3/4	
11	3,562.75	11	3,771.96	11	3,980.88	11	4,189.18	11	4,373.96	11		11		11		11		11	
1/4	3,567.10	1/4	3,776.32	1/4	3,985.21	1/4	4,193.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,571.46	1/2	3,780.68	1/2	3,989.55	1/2	4,197.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,575.82	3/4	3,785.04	3/4	3,993.89	3/4	4,202.19	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
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PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

## 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	3,395.18	0	3,604.94	0	3,814.71	0	4,024.09	0	4,232.94	0		0		0		0		0	
1/4	3,399.55	1/4	3,609.31	1/4	3,819.08	1/4	4,028.44	1/4	4,237.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,403.92	1/2	3,613.68	1/2	3,823.45	1/2	4,032.79	1/2	4,241.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,408.29	3/4	3,618.06	3/4	3,827.82	3/4	4,037.15	3/4	4,245.99	3/4		3/4		3/4		3/4		3/4	
1	3,412.66	1	3,622.43	1	3,832.19	1	4,041.50	1	4,250.34	1		1		1		1		1	
1/4	3,417.03	1/4	3,626.80	1/4	3,836.56	1/4	4,045.85	1/4	4,254.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,421.40	1/2	3,631.17	1/2	3,840.93	1/2	4,050.20	1/2	4,259.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,425.77	3/4	3,635.54	3/4	3,845.30	3/4	4,054.55	3/4	4,263.40	3/4		3/4		3/4		3/4		3/4	
2	3,430.14	2	3,639.91	2	3,849.67	2	4,058.90	2	4,267.75	2		2		2		2		2	
1/4	3,434.51	1/4	3,644.28	1/4	3,854.04	1/4	4,063.25	1/4	4,272.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,438.88	1/2	3,648.65	1/2	3,858.41	1/2	4,067.60	1/2	4,276.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,443.25	3/4	3,653.02	3/4	3,862.78	3/4	4,071.95	3/4	4,280.80	3/4		3/4		3/4		3/4		3/4	
3	3,447.62	3	3,657.39	3	3,867.15	3	4,076.30	3	4,285.15	3		3		3		3		3	
1/4	3,451.99	1/4	3,661.76	1/4	3,871.52	1/4	4,080.66	1/4	4,289.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,456.36	1/2	3,666.13	1/2	3,875.89	1/2	4,085.01	1/2	4,293.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,460.73	3/4	3,670.50	3/4	3,880.26	3/4	4,089.36	3/4	4,298.12	3/4		3/4		3/4		3/4		3/4	
4	3,465.10	4	3,674.87	4	3,884.63	4	4,093.71	4	4,302.44	4		4		4		4		4	
1/4	3,469.47	1/4	3,679.24	1/4	3,889.00	1/4	4,098.06	1/4	4,306.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,473.84	1/2	3,683.61	1/2	3,893.37	1/2	4,102.41	1/2	4,311.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,478.21	3/4	3,687.98	3/4	3,897.74	3/4	4,106.76	3/4	4,315.41	3/4		3/4		3/4		3/4		3/4	
5	3,482.58	5	3,692.35	5	3,902.11	5	4,111.11	5	4,319.73	5		5		5		5		5	
1/4	3,486.95	1/4	3,696.72	1/4	3,906.48	1/4	4,115.46	1/4	4,324.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,491.32	1/2	3,701.09	1/2	3,910.85	1/2	4,119.81	1/2	4,328.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,495.69	3/4	3,705.46	3/4	3,915.22	3/4	4,124.17	3/4	4,332.69	3/4		3/4		3/4		3/4		3/4	
6	3,500.06	6	3,709.83	6	3,919.59	6	4,128.52	6	4,337.01	6		6		6		6		6	
1/4	3,504.43	1/4	3,714.20	1/4	3,923.96	1/4	4,132.87	1/4	4,341.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.80	1/2	3,718.57	1/2	3,928.33	1/2	4,137.22	1/2	4,345.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,513.17	3/4	3,722.94	3/4	3,932.70	3/4	4,141.57	3/4	4,349.94	3/4		3/4		3/4		3/4		3/4	
7	3,517.54	7	3,727.31	7	3,937.07	7	4,145.92	7	4,354.25	7		7		7		7		7	
1/4	3,521.91	1/4	3,731.68	1/4	3,941.42	1/4	4,150.27	1/4	4,358.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,526.28	1/2	3,736.05	1/2	3,945.77	1/2	4,154.62	1/2	4,362.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,530.65	3/4	3,740.42	3/4	3,950.13	3/4	4,158.97	3/4	4,367.02	3/4		3/4		3/4		3/4		3/4	
8	3,535.02	8	3,744.79	8	3,954.48	8	4,163.32	8	4,371.27	8		8		8		8		8	
1/4	3,539.39	1/4	3,749.16	1/4	3,958.83	1/4	4,167.68	1/4	4,374.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,543.76	1/2	3,753.53	1/2	3,963.18	1/2	4,172.03	1/2	4,378.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,548.13	3/4	3,757.90	3/4	3,967.53	3/4	4,176.38	3/4	4,381.57	3/4		3/4		3/4		3/4		3/4	
9	3,552.50	9	3,762.27	9	3,971.88	9	4,180.73	9	4,385.00	9		9		9		9		9	
1/4	3,556.87	1/4	3,766.64	1/4	3,976.23	1/4	4,185.08	1/4	4,387.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.24	1/2	3,771.01	1/2	3,980.58	1/2	4,189.43	1/2	4,389.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.61	3/4	3,775.38	3/4	3,984.93	3/4	4,193.78	3/4	4,391.74	3/4		3/4		3/4		3/4		3/4	
10	3,569.98	10	3,779.75	10	3,989.28	10	4,198.13	10	4,393.98	10		10		10		10		10	
1/4	3,574.35	1/4	3,784.12	1/4	3,993.64	1/4	4,202.48	1/4	4,395.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.72	1/2	3,788.49	1/2	3,997.99	1/2	4,206.83	1/2	4,397.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,583.09	3/4	3,792.86	3/4	4,002.34	3/4	4,211.19	3/4	4,399.10	3/4		3/4		3/4		3/4		3/4	
11	3,587.46	11	3,797.23	11	4,006.69	11	4,215.54	11	4,400.81	11		11		11		11		11	
1/4	3,591.83	1/4	3,801.60	1/4	4,011.04	1/4	4,219.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,596.20	1/2	3,805.97	1/2	4,015.39	1/2	4,224.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,600.57	3/4	3,810.34	3/4	4,019.74	3/4	4,228.59	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

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 3300"

## 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 25, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>







# BARGE "FMT 3300"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

**1 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	2,128.39	0	1,786.17	0	1,443.96	0	1,101.75	0	759.83	0	418.51	0	109.32	0		0		0	
1/4	2,121.26	1/4	1,779.05	1/4	1,436.83	1/4	1,094.62	1/4	752.70	1/4	411.59	1/4	103.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,114.13	1/2	1,771.92	1/2	1,429.70	1/2	1,087.49	1/2	745.57	1/2	404.67	1/2	97.49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,107.00	3/4	1,764.79	3/4	1,422.58	3/4	1,080.36	3/4	738.44	3/4	397.75	3/4	91.57	3/4	3/4	3/4	3/4	3/4	3/4
1	2,099.87	1	1,757.66	1	1,415.45	1	1,073.23	1	731.32	1	390.91	1	85.74	1	1	1	1	1	1
1/4	2,092.74	1/4	1,750.53	1/4	1,408.32	1/4	1,066.11	1/4	724.19	1/4	384.07	1/4	79.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,085.61	1/2	1,743.40	1/2	1,401.19	1/2	1,058.98	1/2	717.06	1/2	377.24	1/2	74.09	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,078.48	3/4	1,736.27	3/4	1,394.06	3/4	1,051.85	3/4	709.93	3/4	370.40	3/4	68.26	3/4	3/4	3/4	3/4	3/4	3/4
2	2,071.35	2	1,729.14	2	1,386.93	2	1,044.72	2	702.80	2	363.64	2	62.54	2	2	2	2	2	2
1/4	2,064.22	1/4	1,722.01	1/4	1,379.80	1/4	1,037.59	1/4	695.67	1/4	356.89	1/4	56.83	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,057.09	1/2	1,714.88	1/2	1,372.67	1/2	1,030.46	1/2	688.54	1/2	350.14	1/2	51.11	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,049.96	3/4	1,707.75	3/4	1,365.54	3/4	1,023.33	3/4	681.41	3/4	343.38	3/4	45.39	3/4	3/4	3/4	3/4	3/4	3/4
3	2,042.83	3	1,700.62	3	1,358.41	3	1,016.21	3	674.28	3	336.71	3	40.61	3	3	3	3	3	3
1/4	2,035.70	1/4	1,693.49	1/4	1,351.28	1/4	1,009.09	1/4	667.15	1/4	330.04	1/4	35.84	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,028.57	1/2	1,686.36	1/2	1,344.15	1/2	1,001.97	1/2	660.02	1/2	323.37	1/2	31.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,021.44	3/4	1,679.23	3/4	1,337.02	3/4	994.85	3/4	652.90	3/4	316.70	3/4	26.28	3/4	3/4	3/4	3/4	3/4	3/4
4	2,014.32	4	1,672.10	4	1,329.89	4	987.73	4	645.77	4	310.11	4	23.37	4	4	4	4	4	4
1/4	2,007.19	1/4	1,664.97	1/4	1,322.76	1/4	980.61	1/4	638.64	1/4	303.53	1/4	20.45	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,000.06	1/2	1,657.85	1/2	1,315.63	1/2	973.49	1/2	631.51	1/2	296.94	1/2	17.54	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,992.93	3/4	1,650.72	3/4	1,308.50	3/4	966.37	3/4	624.38	3/4	290.35	3/4	14.63	3/4	3/4	3/4	3/4	3/4	3/4
5	1,985.80	5	1,643.59	5	1,301.38	5	959.25	5	617.25	5	283.85	5		5	5	5	5	5	5
1/4	1,978.67	1/4	1,636.46	1/4	1,294.25	1/4	952.13	1/4	610.12	1/4	277.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,971.54	1/2	1,629.33	1/2	1,287.12	1/2	945.01	1/2	602.99	1/2	270.84	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,964.41	3/4	1,622.20	3/4	1,279.99	3/4	937.88	3/4	595.86	3/4	264.33	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,957.28	6	1,615.07	6	1,272.86	6	930.76	6	588.73	6	257.91	6		6	6	6	6	6	6
1/4	1,950.15	1/4	1,607.94	1/4	1,265.73	1/4	923.64	1/4	581.60	1/4	251.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,943.02	1/2	1,600.81	1/2	1,258.60	1/2	916.52	1/2	574.48	1/2	245.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,935.89	3/4	1,593.68	3/4	1,251.47	3/4	909.40	3/4	567.35	3/4	238.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,928.76	7	1,586.55	7	1,244.34	7	902.28	7	560.22	7	232.32	7		7	7	7	7	7	7
1/4	1,921.63	1/4	1,579.42	1/4	1,237.21	1/4	895.16	1/4	553.09	1/4	225.98	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,914.50	1/2	1,572.29	1/2	1,230.08	1/2	888.04	1/2	545.96	1/2	219.64	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,907.37	3/4	1,565.16	3/4	1,222.95	3/4	880.92	3/4	538.83	3/4	213.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,900.24	8	1,558.03	8	1,215.82	8	873.80	8	531.70	8	207.05	8		8	8	8	8	8	8
1/4	1,893.12	1/4	1,550.90	1/4	1,208.69	1/4	866.68	1/4	524.57	1/4	200.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,885.99	1/2	1,543.77	1/2	1,201.56	1/2	859.56	1/2	517.44	1/2	194.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,878.86	3/4	1,536.65	3/4	1,194.43	3/4	852.44	3/4	510.31	3/4	188.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,871.73	9	1,529.52	9	1,187.30	9	845.32	9	503.18	9	182.12	9		9	9	9	9	9	9
1/4	1,864.60	1/4	1,522.39	1/4	1,180.18	1/4	838.20	1/4	496.06	1/4	175.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,857.47	1/2	1,515.26	1/2	1,173.05	1/2	831.08	1/2	488.93	1/2	169.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,850.34	3/4	1,508.13	3/4	1,165.92	3/4	823.96	3/4	481.80	3/4	163.61	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,843.21	10	1,501.00	10	1,158.79	10	816.84	10	474.71	10	157.52	10		10	10	10	10	10	10
1/4	1,836.08	1/4	1,493.87	1/4	1,151.66	1/4	809.72	1/4	467.62	1/4	151.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,828.95	1/2	1,486.74	1/2	1,144.53	1/2	802.60	1/2	460.53	1/2	145.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,821.82	3/4	1,479.61	3/4	1,137.40	3/4	795.48	3/4	453.45	3/4	139.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,814.69	11	1,472.48	11	1,130.27	11	788.35	11	446.44	11	133.25	11		11	11	11	11	11	11
1/4	1,807.56	1/4	1,465.35	1/4	1,123.14	1/4	781.22	1/4	439.44	1/4	127.25	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,800.43	1/2	1,458.22	1/2	1,116.01	1/2	774.09	1/2	432.43	1/2	121.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,793.30	3/4	1,451.09	3/4	1,108.88	3/4	766.96	3/4	425.43	3/4	115.24	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,191.17	0	1,847.45	0	1,503.73	0	1,160.00	0	829.67	0	487.09	0	143.38	0		0		0	
1/4	2,184.01	1/4	1,840.29	1/4	1,496.57	1/4	1,152.84	1/4	822.79	1/4	479.93	1/4	136.22	1/4	1/4	1/4		1/4	
1/2	2,176.85	1/2	1,833.13	1/2	1,489.40	1/2	1,145.68	1/2	815.92	1/2	472.77	1/2	129.06	1/2	1/2	1/2		1/2	
3/4	2,169.69	3/4	1,825.97	3/4	1,482.24	3/4	1,138.52	3/4	809.03	3/4	465.61	3/4	121.90	3/4	3/4	3/4		3/4	
1	2,162.53	1	1,818.81	1	1,475.08	1	1,131.36	1	802.16	1	458.45	1	114.74	1	1	1		1	
1/4	2,155.37	1/4	1,811.65	1/4	1,467.92	1/4	1,124.48	1/4	795.00	1/4	451.29	1/4	107.59	1/4	1/4	1/4		1/4	
1/2	2,148.21	1/2	1,804.48	1/2	1,460.76	1/2	1,117.60	1/2	787.83	1/2	444.13	1/2	100.44	1/2	1/2	1/2		1/2	
3/4	2,141.05	3/4	1,797.32	3/4	1,453.60	3/4	1,110.72	3/4	780.67	3/4	436.97	3/4	93.29	3/4	3/4	3/4		3/4	
2	2,133.89	2	1,790.16	2	1,446.44	2	1,103.85	2	773.51	2	429.80	2	86.14	2	2	2		2	
1/4	2,126.72	1/4	1,783.00	1/4	1,439.28	1/4	1,096.99	1/4	766.35	1/4	422.64	1/4	79.02	1/4	1/4	1/4		1/4	
1/2	2,119.56	1/2	1,775.84	1/2	1,432.12	1/2	1,090.12	1/2	759.19	1/2	415.48	1/2	71.89	1/2	1/2	1/2		1/2	
3/4	2,112.40	3/4	1,768.68	3/4	1,424.96	3/4	1,083.26	3/4	752.03	3/4	408.32	3/4	64.77	3/4	3/4	3/4		3/4	
3	2,105.24	3	1,761.52	3	1,417.80	3	1,076.40	3	744.87	3	401.16	3	57.65	3	3	3		3	
1/4	2,098.08	1/4	1,754.36	1/4	1,410.63	1/4	1,069.55	1/4	737.71	1/4	394.00	1/4	51.38	1/4	1/4	1/4		1/4	
1/2	2,090.92	1/2	1,747.20	1/2	1,403.47	1/2	1,062.70	1/2	730.55	1/2	386.84	1/2	45.12	1/2	1/2	1/2		1/2	
3/4	2,083.76	3/4	1,740.04	3/4	1,396.31	3/4	1,055.84	3/4	723.39	3/4	379.68	3/4	38.85	3/4	3/4	3/4		3/4	
4	2,076.60	4	1,732.88	4	1,389.15	4	1,048.99	4	716.23	4	372.52	4	32.59	4	4	4		4	
1/4	2,069.44	1/4	1,725.71	1/4	1,381.99	1/4	1,042.14	1/4	709.07	1/4	365.36	1/4	28.11	1/4	1/4	1/4		1/4	
1/2	2,062.28	1/2	1,718.55	1/2	1,374.83	1/2	1,035.28	1/2	701.91	1/2	358.20	1/2	23.64	1/2	1/2	1/2		1/2	
3/4	2,055.12	3/4	1,711.39	3/4	1,367.67	3/4	1,028.43	3/4	694.75	3/4	351.04	3/4	19.16	3/4	3/4	3/4		3/4	
5	2,047.95	5	1,704.23	5	1,360.51	5	1,021.58	5	687.59	5	343.88	5	14.69	5	5	5		5	
1/4	2,040.79	1/4	1,697.07	1/4	1,353.35	1/4	1,014.73	1/4	680.43	1/4	336.72	1/4		1/4	1/4	1/4		1/4	
1/2	2,033.63	1/2	1,689.91	1/2	1,346.19	1/2	1,007.87	1/2	673.27	1/2	329.56	1/2		1/2	1/2	1/2		1/2	
3/4	2,026.47	3/4	1,682.75	3/4	1,339.03	3/4	1,001.02	3/4	666.10	3/4	322.40	3/4		3/4	3/4	3/4		3/4	
6	2,019.31	6	1,675.59	6	1,331.86	6	994.17	6	658.94	6	315.24	6		6	6	6		6	
1/4	2,012.15	1/4	1,668.43	1/4	1,324.70	1/4	987.32	1/4	651.78	1/4	308.07	1/4		1/4	1/4	1/4		1/4	
1/2	2,004.99	1/2	1,661.27	1/2	1,317.54	1/2	980.46	1/2	644.62	1/2	300.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,997.83	3/4	1,654.11	3/4	1,310.38	3/4	973.61	3/4	637.46	3/4	293.75	3/4		3/4	3/4	3/4		3/4	
7	1,990.67	7	1,646.94	7	1,303.22	7	966.76	7	630.30	7	286.59	7		7	7	7		7	
1/4	1,983.51	1/4	1,639.78	1/4	1,296.06	1/4	959.90	1/4	623.14	1/4	279.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,976.35	1/2	1,632.62	1/2	1,288.90	1/2	953.05	1/2	615.98	1/2	272.27	1/2		1/2	1/2	1/2		1/2	
3/4	1,969.18	3/4	1,625.46	3/4	1,281.74	3/4	946.20	3/4	608.82	3/4	265.11	3/4		3/4	3/4	3/4		3/4	
8	1,962.02	8	1,618.30	8	1,274.58	8	939.35	8	601.66	8	257.95	8		8	8	8		8	
1/4	1,954.86	1/4	1,611.14	1/4	1,267.42	1/4	932.49	1/4	594.50	1/4	250.79	1/4		1/4	1/4	1/4		1/4	
1/2	1,947.70	1/2	1,603.98	1/2	1,260.26	1/2	925.64	1/2	587.34	1/2	243.63	1/2		1/2	1/2	1/2		1/2	
3/4	1,940.54	3/4	1,596.82	3/4	1,253.09	3/4	918.79	3/4	580.18	3/4	236.47	3/4		3/4	3/4	3/4		3/4	
9	1,933.38	9	1,589.66	9	1,245.93	9	911.93	9	573.02	9	229.31	9		9	9	9		9	
1/4	1,926.22	1/4	1,582.50	1/4	1,238.77	1/4	905.08	1/4	565.86	1/4	222.15	1/4		1/4	1/4	1/4		1/4	
1/2	1,919.06	1/2	1,575.34	1/2	1,231.61	1/2	898.23	1/2	558.70	1/2	214.99	1/2		1/2	1/2	1/2		1/2	
3/4	1,911.90	3/4	1,568.17	3/4	1,224.45	3/4	891.38	3/4	551.53	3/4	207.83	3/4		3/4	3/4	3/4		3/4	
10	1,904.74	10	1,561.01	10	1,217.29	10	884.52	10	544.37	10	200.67	10		10	10	10		10	
1/4	1,897.58	1/4	1,553.85	1/4	1,210.13	1/4	877.67	1/4	537.21	1/4	193.50	1/4		1/4	1/4	1/4		1/4	
1/2	1,890.41	1/2	1,546.69	1/2	1,202.97	1/2	870.82	1/2	530.05	1/2	186.34	1/2		1/2	1/2	1/2		1/2	
3/4	1,883.25	3/4	1,539.53	3/4	1,195.81	3/4	863.97	3/4	522.89	3/4	179.18	3/4		3/4	3/4	3/4		3/4	
11	1,876.09	11	1,532.37	11	1,188.65	11	857.11	11	515.73	11	172.02	11		11	11	11		11	
1/4	1,868.93	1/4	1,525.21	1/4	1,181.49	1/4	850.25	1/4	508.57	1/4	164.86	1/4		1/4	1/4	1/4		1/4	
1/2	1,861.77	1/2	1,518.05	1/2	1,174.32	1/2	843.39	1/2	501.41	1/2	157.70	1/2		1/2	1/2	1/2		1/2	
3/4	1,854.61	3/4	1,510.89	3/4	1,167.16	3/4	836.53	3/4	494.25	3/4	150.54	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019







# BARGE "FMT 3300"

**2 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	2,192.17	0	1,849.36	0	1,506.56	0	1,163.75	0	821.44	0	478.65	0	135.86	0		0		0	
1/4	2,185.03	1/4	1,842.22	1/4	1,499.42	1/4	1,156.61	1/4	814.30	1/4	471.51	1/4	128.72	1/4	1/4		1/4		1/4
1/2	2,177.89	1/2	1,835.08	1/2	1,492.27	1/2	1,149.47	1/2	807.16	1/2	464.37	1/2	121.58	1/2	1/2		1/2		1/2
3/4	2,170.75	3/4	1,827.94	3/4	1,485.13	3/4	1,142.33	3/4	800.02	3/4	457.22	3/4	114.44	3/4	3/4		3/4		3/4
1	2,163.60	1	1,820.80	1	1,477.99	1	1,135.18	1	792.87	1	450.08	1	107.31	1	1		1		1
1/4	2,156.46	1/4	1,813.66	1/4	1,470.85	1/4	1,128.04	1/4	785.73	1/4	442.94	1/4	100.18	1/4	1/4		1/4		1/4
1/2	2,149.32	1/2	1,806.51	1/2	1,463.71	1/2	1,120.90	1/2	778.59	1/2	435.80	1/2	93.04	1/2	1/2		1/2		1/2
3/4	2,142.18	3/4	1,799.37	3/4	1,456.57	3/4	1,113.76	3/4	771.45	3/4	428.66	3/4	85.91	3/4	3/4		3/4		3/4
2	2,135.04	2	1,792.23	2	1,449.42	2	1,106.62	2	764.31	2	421.52	2	78.81	2	2		2		2
1/4	2,127.89	1/4	1,785.09	1/4	1,442.28	1/4	1,099.49	1/4	757.17	1/4	414.38	1/4	71.70	1/4	1/4		1/4		1/4
1/2	2,120.75	1/2	1,777.95	1/2	1,435.14	1/2	1,092.35	1/2	750.03	1/2	407.23	1/2	64.60	1/2	1/2		1/2		1/2
3/4	2,113.61	3/4	1,770.80	3/4	1,428.00	3/4	1,085.22	3/4	742.88	3/4	400.09	3/4	57.49	3/4	3/4		3/4		3/4
3	2,106.47	3	1,763.66	3	1,420.86	3	1,078.09	3	735.74	3	392.95	3	51.24	3	3		3		3
1/4	2,099.33	1/4	1,756.52	1/4	1,413.71	1/4	1,070.96	1/4	728.60	1/4	385.81	1/4	45.00	1/4	1/4		1/4		1/4
1/2	2,092.19	1/2	1,749.38	1/2	1,406.57	1/2	1,063.83	1/2	721.46	1/2	378.67	1/2	38.75	1/2	1/2		1/2		1/2
3/4	2,085.04	3/4	1,742.24	3/4	1,399.43	3/4	1,056.70	3/4	714.32	3/4	371.53	3/4	32.50	3/4	3/4		3/4		3/4
4	2,077.90	4	1,735.10	4	1,392.29	4	1,049.58	4	707.18	4	364.38	4	28.04	4	4		4		4
1/4	2,070.76	1/4	1,727.95	1/4	1,385.15	1/4	1,042.45	1/4	700.04	1/4	357.24	1/4	23.58	1/4	1/4		1/4		1/4
1/2	2,063.62	1/2	1,720.81	1/2	1,378.01	1/2	1,035.32	1/2	692.89	1/2	350.10	1/2	19.11	1/2	1/2		1/2		1/2
3/4	2,056.48	3/4	1,713.67	3/4	1,370.86	3/4	1,028.19	3/4	685.75	3/4	342.96	3/4	14.65	3/4	3/4		3/4		3/4
5	2,049.34	5	1,706.53	5	1,363.72	5	1,021.07	5	678.61	5	335.82	5		5	5		5		5
1/4	2,042.19	1/4	1,699.39	1/4	1,356.58	1/4	1,013.94	1/4	671.47	1/4	328.68	1/4		1/4	1/4		1/4		1/4
1/2	2,035.05	1/2	1,692.25	1/2	1,349.44	1/2	1,006.81	1/2	664.33	1/2	321.54	1/2		1/2	1/2		1/2		1/2
3/4	2,027.91	3/4	1,685.10	3/4	1,342.30	3/4	999.68	3/4	657.19	3/4	314.39	3/4		3/4	3/4		3/4		3/4
6	2,020.77	6	1,677.96	6	1,335.16	6	992.55	6	650.04	6	307.25	6		6	6		6		6
1/4	2,013.63	1/4	1,670.82	1/4	1,328.01	1/4	985.43	1/4	642.90	1/4	300.11	1/4		1/4	1/4		1/4		1/4
1/2	2,006.48	1/2	1,663.68	1/2	1,320.87	1/2	978.30	1/2	635.76	1/2	292.97	1/2		1/2	1/2		1/2		1/2
3/4	1,999.34	3/4	1,656.54	3/4	1,313.73	3/4	971.17	3/4	628.62	3/4	285.83	3/4		3/4	3/4		3/4		3/4
7	1,992.20	7	1,649.39	7	1,306.59	7	964.04	7	621.48	7	278.69	7		7	7		7		7
1/4	1,985.06	1/4	1,642.25	1/4	1,299.45	1/4	956.92	1/4	614.34	1/4	271.55	1/4		1/4	1/4		1/4		1/4
1/2	1,977.92	1/2	1,635.11	1/2	1,292.30	1/2	949.79	1/2	607.20	1/2	264.40	1/2		1/2	1/2		1/2		1/2
3/4	1,970.78	3/4	1,627.97	3/4	1,285.16	3/4	942.66	3/4	600.05	3/4	257.26	3/4		3/4	3/4		3/4		3/4
8	1,963.63	8	1,620.83	8	1,278.02	8	935.53	8	592.91	8	250.12	8		8	8		8		8
1/4	1,956.49	1/4	1,613.69	1/4	1,270.88	1/4	928.41	1/4	585.77	1/4	242.98	1/4		1/4	1/4		1/4		1/4
1/2	1,949.35	1/2	1,606.54	1/2	1,263.74	1/2	921.28	1/2	578.63	1/2	235.84	1/2		1/2	1/2		1/2		1/2
3/4	1,942.21	3/4	1,599.40	3/4	1,256.60	3/4	914.15	3/4	571.49	3/4	228.70	3/4		3/4	3/4		3/4		3/4
9	1,935.07	9	1,592.26	9	1,249.45	9	907.02	9	564.35	9	221.55	9		9	9		9		9
1/4	1,927.92	1/4	1,585.12	1/4	1,242.31	1/4	899.90	1/4	557.21	1/4	214.41	1/4		1/4	1/4		1/4		1/4
1/2	1,920.78	1/2	1,577.98	1/2	1,235.17	1/2	892.77	1/2	550.06	1/2	207.27	1/2		1/2	1/2		1/2		1/2
3/4	1,913.64	3/4	1,570.83	3/4	1,228.03	3/4	885.64	3/4	542.92	3/4	200.13	3/4		3/4	3/4		3/4		3/4
10	1,906.50	10	1,563.69	10	1,220.89	10	878.51	10	535.78	10	192.99	10		10	10		10		10
1/4	1,899.36	1/4	1,556.55	1/4	1,213.74	1/4	871.39	1/4	528.64	1/4	185.85	1/4		1/4	1/4		1/4		1/4
1/2	1,892.22	1/2	1,549.41	1/2	1,206.60	1/2	864.26	1/2	521.50	1/2	178.71	1/2		1/2	1/2		1/2		1/2
3/4	1,885.07	3/4	1,542.27	3/4	1,199.46	3/4	857.13	3/4	514.36	3/4	171.56	3/4		3/4	3/4		3/4		3/4
11	1,877.93	11	1,535.13	11	1,192.32	11	849.99	11	507.21	11	164.42	11		11	11		11		11
1/4	1,870.79	1/4	1,527.98	1/4	1,185.18	1/4	842.86	1/4	500.07	1/4	157.28	1/4		1/4	1/4		1/4		1/4
1/2	1,863.65	1/2	1,520.84	1/2	1,178.04	1/2	835.72	1/2	492.93	1/2	150.14	1/2		1/2	1/2		1/2		1/2
3/4	1,856.51	3/4	1,513.70	3/4	1,170.89	3/4	828.58	3/4	485.79	3/4	143.00	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

## 3 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	2,173.31	0	1,832.55	0	1,491.79	0	1,151.04	0	823.49	0	483.59	0	142.40	0		0		0	
1/4	2,166.21	1/4	1,825.45	1/4	1,484.70	1/4	1,143.94	1/4	816.62	1/4	476.49	1/4	135.29	1/4	1/4	1/4		1/4	
1/2	2,159.11	1/2	1,818.35	1/2	1,477.60	1/2	1,136.84	1/2	809.75	1/2	469.39	1/2	128.18	1/2	1/2	1/2		1/2	
3/4	2,152.01	3/4	1,811.25	3/4	1,470.50	3/4	1,129.74	3/4	802.88	3/4	462.29	3/4	121.07	3/4	3/4	3/4		3/4	
1	2,144.91	1	1,804.15	1	1,463.40	1	1,122.64	1	796.01	1	455.19	1	113.96	1	1	1		1	
1/4	2,137.81	1/4	1,797.06	1/4	1,456.30	1/4	1,115.77	1/4	788.91	1/4	448.09	1/4	106.86	1/4	1/4	1/4		1/4	
1/2	2,130.71	1/2	1,789.96	1/2	1,449.20	1/2	1,108.90	1/2	781.81	1/2	440.99	1/2	99.76	1/2	1/2	1/2		1/2	
3/4	2,123.61	3/4	1,782.86	3/4	1,442.10	3/4	1,102.04	3/4	774.71	3/4	433.89	3/4	92.66	3/4	3/4	3/4		3/4	
2	2,116.52	2	1,775.76	2	1,435.00	2	1,095.17	2	767.61	2	426.79	2	85.55	2	2	2		2	
1/4	2,109.42	1/4	1,768.66	1/4	1,427.90	1/4	1,088.37	1/4	760.51	1/4	419.69	1/4	78.48	1/4	1/4	1/4		1/4	
1/2	2,102.32	1/2	1,761.56	1/2	1,420.80	1/2	1,081.57	1/2	753.41	1/2	412.59	1/2	71.40	1/2	1/2	1/2		1/2	
3/4	2,095.22	3/4	1,754.46	3/4	1,413.70	3/4	1,074.77	3/4	746.31	3/4	405.49	3/4	64.33	3/4	3/4	3/4		3/4	
3	2,088.12	3	1,747.36	3	1,406.61	3	1,067.97	3	739.21	3	398.39	3	57.25	3	3	3		3	
1/4	2,081.02	1/4	1,740.26	1/4	1,399.51	1/4	1,061.18	1/4	732.11	1/4	391.29	1/4	51.03	1/4	1/4	1/4		1/4	
1/2	2,073.92	1/2	1,733.16	1/2	1,392.41	1/2	1,054.39	1/2	725.01	1/2	384.19	1/2	44.81	1/2	1/2	1/2		1/2	
3/4	2,066.82	3/4	1,726.06	3/4	1,385.31	3/4	1,047.60	3/4	717.91	3/4	377.09	3/4	38.59	3/4	3/4	3/4		3/4	
4	2,059.72	4	1,718.97	4	1,378.21	4	1,040.81	4	710.81	4	369.99	4	32.36	4	4	4		4	
1/4	2,052.62	1/4	1,711.87	1/4	1,371.11	1/4	1,034.02	1/4	703.71	1/4	362.87	1/4	27.92	1/4	1/4	1/4		1/4	
1/2	2,045.52	1/2	1,704.77	1/2	1,364.01	1/2	1,027.23	1/2	696.60	1/2	355.76	1/2	23.47	1/2	1/2	1/2		1/2	
3/4	2,038.43	3/4	1,697.67	3/4	1,356.91	3/4	1,020.44	3/4	689.50	3/4	348.65	3/4	19.03	3/4	3/4	3/4		3/4	
5	2,031.33	5	1,690.57	5	1,349.81	5	1,013.65	5	682.40	5	341.54	5	14.59	5	5	5		5	
1/4	2,024.23	1/4	1,683.47	1/4	1,342.71	1/4	1,006.86	1/4	675.30	1/4	334.43	1/4		1/4	1/4	1/4		1/4	
1/2	2,017.13	1/2	1,676.37	1/2	1,335.61	1/2	1,000.07	1/2	668.20	1/2	327.31	1/2		1/2	1/2	1/2		1/2	
3/4	2,010.03	3/4	1,669.27	3/4	1,328.52	3/4	993.28	3/4	661.10	3/4	320.20	3/4		3/4	3/4	3/4		3/4	
6	2,002.93	6	1,662.17	6	1,321.42	6	986.49	6	654.00	6	313.09	6	6	6	6	6		6	
1/4	1,995.83	1/4	1,655.07	1/4	1,314.32	1/4	979.70	1/4	646.90	1/4	305.98	1/4		1/4	1/4	1/4		1/4	
1/2	1,988.73	1/2	1,647.97	1/2	1,307.22	1/2	972.91	1/2	639.80	1/2	298.87	1/2		1/2	1/2	1/2		1/2	
3/4	1,981.63	3/4	1,640.88	3/4	1,300.12	3/4	966.12	3/4	632.70	3/4	291.75	3/4		3/4	3/4	3/4		3/4	
7	1,974.53	7	1,633.78	7	1,293.02	7	959.33	7	625.60	7	284.64	7	7	7	7	7		7	
1/4	1,967.43	1/4	1,626.68	1/4	1,285.92	1/4	952.54	1/4	618.50	1/4	277.53	1/4		1/4	1/4	1/4		1/4	
1/2	1,960.33	1/2	1,619.58	1/2	1,278.82	1/2	945.74	1/2	611.40	1/2	270.42	1/2		1/2	1/2	1/2		1/2	
3/4	1,953.24	3/4	1,612.48	3/4	1,271.72	3/4	938.95	3/4	604.30	3/4	263.31	3/4		3/4	3/4	3/4		3/4	
8	1,946.14	8	1,605.38	8	1,264.62	8	932.16	8	597.20	8	256.19	8	8	8	8	8		8	
1/4	1,939.04	1/4	1,598.28	1/4	1,257.52	1/4	925.37	1/4	590.10	1/4	249.08	1/4		1/4	1/4	1/4		1/4	
1/2	1,931.94	1/2	1,591.18	1/2	1,250.43	1/2	918.58	1/2	583.00	1/2	241.97	1/2		1/2	1/2	1/2		1/2	
3/4	1,924.84	3/4	1,584.08	3/4	1,243.33	3/4	911.79	3/4	575.90	3/4	234.86	3/4		3/4	3/4	3/4		3/4	
9	1,917.74	9	1,576.98	9	1,236.23	9	905.00	9	568.80	9	227.75	9	9	9	9	9		9	
1/4	1,910.64	1/4	1,569.88	1/4	1,229.13	1/4	898.21	1/4	561.70	1/4	220.63	1/4		1/4	1/4	1/4		1/4	
1/2	1,903.54	1/2	1,562.79	1/2	1,222.03	1/2	891.42	1/2	554.60	1/2	213.52	1/2		1/2	1/2	1/2		1/2	
3/4	1,896.44	3/4	1,555.69	3/4	1,214.93	3/4	884.63	3/4	547.50	3/4	206.41	3/4		3/4	3/4	3/4		3/4	
10	1,889.34	10	1,548.59	10	1,207.83	10	877.84	10	540.40	10	199.30	10	10	10	10	10		10	
1/4	1,882.24	1/4	1,541.49	1/4	1,200.73	1/4	871.05	1/4	533.30	1/4	192.19	1/4		1/4	1/4	1/4		1/4	
1/2	1,875.15	1/2	1,534.39	1/2	1,193.63	1/2	864.26	1/2	526.20	1/2	185.07	1/2		1/2	1/2	1/2		1/2	
3/4	1,868.05	3/4	1,527.29	3/4	1,186.53	3/4	857.47	3/4	519.09	3/4	177.96	3/4		3/4	3/4	3/4		3/4	
11	1,860.95	11	1,520.19	11	1,179.43	11	850.68	11	511.99	11	170.85	11	11	11	11	11		11	
1/4	1,853.85	1/4	1,513.09	1/4	1,172.33	1/4	843.88	1/4	504.89	1/4	163.74	1/4		1/4	1/4	1/4		1/4	
1/2	1,846.75	1/2	1,505.99	1/2	1,165.24	1/2	837.08	1/2	497.79	1/2	156.63	1/2		1/2	1/2	1/2		1/2	
3/4	1,839.65	3/4	1,498.89	3/4	1,158.14	3/4	830.29	3/4	490.69	3/4	149.51	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

**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	2,187.20	0	1,845.18	0	1,503.15	0	1,161.12	0	819.59	0	477.57	0	135.55	0		0		0	
1/4	2,180.08	1/4	1,838.05	1/4	1,496.02	1/4	1,153.99	1/4	812.46	1/4	470.44	1/4	128.43	1/4	1/4	1/4		1/4	
1/2	2,172.95	1/2	1,830.92	1/2	1,488.90	1/2	1,146.87	1/2	805.34	1/2	463.32	1/2	121.30	1/2	1/2	1/2		1/2	
3/4	2,165.83	3/4	1,823.80	3/4	1,481.77	3/4	1,139.74	3/4	798.21	3/4	456.19	3/4	114.18	3/4	3/4	3/4		3/4	
1	2,158.70	1	1,816.67	1	1,474.64	1	1,132.62	1	791.09	1	449.07	1	107.06	1	1	1		1	
1/4	2,151.58	1/4	1,809.55	1/4	1,467.52	1/4	1,125.49	1/4	783.96	1/4	441.94	1/4	99.95	1/4	1/4	1/4		1/4	
1/2	2,144.45	1/2	1,802.42	1/2	1,460.39	1/2	1,118.36	1/2	776.83	1/2	434.82	1/2	92.83	1/2	1/2	1/2		1/2	
3/4	2,137.33	3/4	1,795.30	3/4	1,453.27	3/4	1,111.24	3/4	769.71	3/4	427.69	3/4	85.72	3/4	3/4	3/4		3/4	
2	2,130.20	2	1,788.17	2	1,446.14	2	1,104.12	2	762.58	2	420.56	2	78.63	2	2	2		2	
1/4	2,123.07	1/4	1,781.05	1/4	1,439.02	1/4	1,097.00	1/4	755.46	1/4	413.44	1/4	71.54	1/4	1/4	1/4		1/4	
1/2	2,115.95	1/2	1,773.92	1/2	1,431.89	1/2	1,089.88	1/2	748.33	1/2	406.31	1/2	64.45	1/2	1/2	1/2		1/2	
3/4	2,108.82	3/4	1,766.79	3/4	1,424.77	3/4	1,082.76	3/4	741.21	3/4	399.19	3/4	57.36	3/4	3/4	3/4		3/4	
3	2,101.70	3	1,759.67	3	1,417.64	3	1,075.65	3	734.08	3	392.06	3	51.13	3	3	3		3	
1/4	2,094.57	1/4	1,752.54	1/4	1,410.51	1/4	1,068.54	1/4	726.96	1/4	384.94	1/4	44.89	1/4	1/4	1/4		1/4	
1/2	2,087.45	1/2	1,745.42	1/2	1,403.39	1/2	1,061.42	1/2	719.83	1/2	377.81	1/2	38.66	1/2	1/2	1/2		1/2	
3/4	2,080.32	3/4	1,738.29	3/4	1,396.26	3/4	1,054.31	3/4	712.71	3/4	370.69	3/4	32.43	3/4	3/4	3/4		3/4	
4	2,073.19	4	1,731.17	4	1,389.14	4	1,047.20	4	705.58	4	363.56	4	27.97	4	4	4		4	
1/4	2,066.07	1/4	1,724.04	1/4	1,382.01	1/4	1,040.09	1/4	698.46	1/4	356.44	1/4	23.52	1/4	1/4	1/4		1/4	
1/2	2,058.94	1/2	1,716.91	1/2	1,374.89	1/2	1,032.98	1/2	691.33	1/2	349.31	1/2	19.07	1/2	1/2	1/2		1/2	
3/4	2,051.82	3/4	1,709.79	3/4	1,367.76	3/4	1,025.87	3/4	684.20	3/4	342.19	3/4	14.62	3/4	3/4	3/4		3/4	
5	2,044.69	5	1,702.66	5	1,360.63	5	1,018.76	5	677.08	5	335.06	5		5	5	5		5	
1/4	2,037.57	1/4	1,695.54	1/4	1,353.51	1/4	1,011.64	1/4	669.95	1/4	327.93	1/4		1/4	1/4	1/4		1/4	
1/2	2,030.44	1/2	1,688.41	1/2	1,346.38	1/2	1,004.53	1/2	662.83	1/2	320.81	1/2		1/2	1/2	1/2		1/2	
3/4	2,023.32	3/4	1,681.29	3/4	1,339.26	3/4	997.42	3/4	655.70	3/4	313.68	3/4		3/4	3/4	3/4		3/4	
6	2,016.19	6	1,674.16	6	1,332.13	6	990.31	6	648.58	6	306.56	6		6	6	6		6	
1/4	2,009.06	1/4	1,667.04	1/4	1,325.01	1/4	983.20	1/4	641.45	1/4	299.43	1/4		1/4	1/4	1/4		1/4	
1/2	2,001.94	1/2	1,659.91	1/2	1,317.88	1/2	976.09	1/2	634.33	1/2	292.31	1/2		1/2	1/2	1/2		1/2	
3/4	1,994.81	3/4	1,652.78	3/4	1,310.76	3/4	968.97	3/4	627.20	3/4	285.18	3/4		3/4	3/4	3/4		3/4	
7	1,987.69	7	1,645.66	7	1,303.63	7	961.86	7	620.08	7	278.06	7		7	7	7		7	
1/4	1,980.56	1/4	1,638.53	1/4	1,296.50	1/4	954.75	1/4	612.95	1/4	270.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,973.44	1/2	1,631.41	1/2	1,289.38	1/2	947.64	1/2	605.83	1/2	263.81	1/2		1/2	1/2	1/2		1/2	
3/4	1,966.31	3/4	1,624.28	3/4	1,282.25	3/4	940.53	3/4	598.70	3/4	256.68	3/4		3/4	3/4	3/4		3/4	
8	1,959.19	8	1,617.16	8	1,275.13	8	933.42	8	591.57	8	249.56	8		8	8	8		8	
1/4	1,952.06	1/4	1,610.03	1/4	1,268.00	1/4	926.30	1/4	584.45	1/4	242.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,944.93	1/2	1,602.91	1/2	1,260.88	1/2	919.19	1/2	577.32	1/2	235.30	1/2		1/2	1/2	1/2		1/2	
3/4	1,937.81	3/4	1,595.78	3/4	1,253.75	3/4	912.08	3/4	570.20	3/4	228.18	3/4		3/4	3/4	3/4		3/4	
9	1,930.68	9	1,588.65	9	1,246.63	9	904.97	9	563.07	9	221.05	9		9	9	9		9	
1/4	1,923.56	1/4	1,581.53	1/4	1,239.50	1/4	897.86	1/4	555.95	1/4	213.93	1/4		1/4	1/4	1/4		1/4	
1/2	1,916.43	1/2	1,574.40	1/2	1,232.37	1/2	890.75	1/2	548.82	1/2	206.80	1/2		1/2	1/2	1/2		1/2	
3/4	1,909.31	3/4	1,567.28	3/4	1,225.25	3/4	883.64	3/4	541.70	3/4	199.68	3/4		3/4	3/4	3/4		3/4	
10	1,902.18	10	1,560.15	10	1,218.12	10	876.53	10	534.57	10	192.55	10		10	10	10		10	
1/4	1,895.05	1/4	1,553.03	1/4	1,211.00	1/4	869.41	1/4	527.45	1/4	185.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,887.93	1/2	1,545.90	1/2	1,203.87	1/2	862.30	1/2	520.32	1/2	178.30	1/2		1/2	1/2	1/2		1/2	
3/4	1,880.80	3/4	1,538.77	3/4	1,196.75	3/4	855.19	3/4	513.19	3/4	171.18	3/4		3/4	3/4	3/4		3/4	
11	1,873.68	11	1,531.65	11	1,189.62	11	848.07	11	506.07	11	164.05	11		11	11	11		11	
1/4	1,866.55	1/4	1,524.52	1/4	1,182.49	1/4	840.95	1/4	498.94	1/4	156.92	1/4		1/4	1/4	1/4		1/4	
1/2	1,859.43	1/2	1,517.40	1/2	1,175.37	1/2	833.83	1/2	491.82	1/2	149.80	1/2		1/2	1/2	1/2		1/2	
3/4	1,852.30	3/4	1,510.27	3/4	1,168.24	3/4	826.71	3/4	484.69	3/4	142.67	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019



# BARGE "FMT 3300"

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 25, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "FMT 3300"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,321.59	0	3,664.21	0	4,006.93	0	4,349.18	0	4,690.33	0	5,011.34	0		0		0		0	
1/4	3,328.73	1/4	3,671.35	1/4	4,014.07	1/4	4,356.29	1/4	4,697.43	1/4	5,014.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,335.87	1/2	3,678.49	1/2	4,021.21	1/2	4,363.39	1/2	4,704.54	1/2	5,017.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,343.00	3/4	3,685.63	3/4	4,028.35	3/4	4,370.50	3/4	4,711.65	3/4	5,020.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,350.14	1	3,692.77	1	4,035.49	1	4,377.61	1	4,718.75	1	5,024.12	1	1	1	1	1	1	1	1
1/4	3,357.28	1/4	3,699.91	1/4	4,042.63	1/4	4,384.72	1/4	4,725.86	1/4	5,026.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,364.42	1/2	3,707.05	1/2	4,049.77	1/2	4,391.82	1/2	4,732.97	1/2	5,028.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,371.55	3/4	3,714.19	3/4	4,056.91	3/4	4,398.93	3/4	4,740.08	3/4	5,030.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,378.69	2	3,721.33	2	4,064.05	2	4,406.04	2	4,747.18	2	5,032.14	2	2	2	2	2	2	2	2
1/4	3,385.83	1/4	3,728.47	1/4	4,071.19	1/4	4,413.15	1/4	4,754.29	1/4	5,033.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,392.97	1/2	3,735.61	1/2	4,078.33	1/2	4,420.25	1/2	4,761.40	1/2	5,034.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,400.11	3/4	3,742.75	3/4	4,085.47	3/4	4,427.36	3/4	4,768.51	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,407.24	3	3,749.89	3	4,092.61	3	4,434.47	3	4,775.61	3		3	3	3	3	3	3	3	3
1/4	3,414.38	1/4	3,757.03	1/4	4,099.75	1/4	4,441.57	1/4	4,782.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,421.52	1/2	3,764.17	1/2	4,106.89	1/2	4,448.68	1/2	4,789.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,428.66	3/4	3,771.31	3/4	4,114.03	3/4	4,455.79	3/4	4,796.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,435.80	4	3,778.45	4	4,121.17	4	4,462.90	4	4,804.04	4		4	4	4	4	4	4	4	4
1/4	3,442.93	1/4	3,785.59	1/4	4,128.31	1/4	4,470.00	1/4	4,811.13	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,450.07	1/2	3,792.73	1/2	4,135.45	1/2	4,477.11	1/2	4,818.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,457.21	3/4	3,799.87	3/4	4,142.59	3/4	4,484.22	3/4	4,825.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,464.35	5	3,807.01	5	4,149.73	5	4,491.32	5	4,832.38	5		5	5	5	5	5	5	5	5
1/4	3,471.49	1/4	3,814.15	1/4	4,156.87	1/4	4,498.43	1/4	4,839.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,478.62	1/2	3,821.29	1/2	4,164.01	1/2	4,505.54	1/2	4,846.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,485.76	3/4	3,828.43	3/4	4,171.15	3/4	4,512.65	3/4	4,853.57	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,492.90	6	3,835.57	6	4,178.29	6	4,519.75	6	4,860.63	6		6	6	6	6	6	6	6	6
1/4	3,500.04	1/4	3,842.71	1/4	4,185.43	1/4	4,526.86	1/4	4,867.69	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,507.17	1/2	3,849.85	1/2	4,192.57	1/2	4,533.97	1/2	4,874.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,514.31	3/4	3,856.99	3/4	4,199.71	3/4	4,541.07	3/4	4,881.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,521.45	7	3,864.13	7	4,206.85	7	4,548.18	7	4,888.88	7		7	7	7	7	7	7	7	7
1/4	3,528.59	1/4	3,871.27	1/4	4,213.99	1/4	4,555.29	1/4	4,895.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,535.73	1/2	3,878.41	1/2	4,221.13	1/2	4,562.40	1/2	4,902.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,542.86	3/4	3,885.55	3/4	4,228.27	3/4	4,569.50	3/4	4,910.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,550.00	8	3,892.69	8	4,235.41	8	4,576.61	8	4,917.10	8		8	8	8	8	8	8	8	8
1/4	3,557.14	1/4	3,899.83	1/4	4,242.53	1/4	4,583.72	1/4	4,924.12	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,564.28	1/2	3,906.97	1/2	4,249.65	1/2	4,590.83	1/2	4,931.14	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,571.42	3/4	3,914.11	3/4	4,256.77	3/4	4,597.93	3/4	4,938.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,578.55	9	3,921.25	9	4,263.89	9	4,605.04	9	4,945.18	9		9	9	9	9	9	9	9	9
1/4	3,585.69	1/4	3,928.39	1/4	4,271.00	1/4	4,612.15	1/4	4,951.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,592.83	1/2	3,935.53	1/2	4,278.11	1/2	4,619.25	1/2	4,958.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,599.97	3/4	3,942.67	3/4	4,285.22	3/4	4,626.36	3/4	4,964.93	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,607.11	10	3,949.81	10	4,292.32	10	4,633.47	10	4,971.51	10		10	10	10	10	10	10	10	10
1/4	3,614.24	1/4	3,956.95	1/4	4,299.43	1/4	4,640.58	1/4	4,977.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,621.38	1/2	3,964.09	1/2	4,306.54	1/2	4,647.68	1/2	4,982.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,628.52	3/4	3,971.23	3/4	4,313.64	3/4	4,654.79	3/4	4,988.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,635.65	11	3,978.37	11	4,320.75	11	4,661.90	11	4,993.81	11		11	11	11	11	11	11	11	11
1/4	3,642.79	1/4	3,985.51	1/4	4,327.86	1/4	4,669.00	1/4	4,998.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,649.93	1/2	3,992.65	1/2	4,334.97	1/2	4,676.11	1/2	5,002.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,657.07	3/4	3,999.79	3/4	4,342.07	3/4	4,683.22	3/4	5,006.96	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
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Pearland, Texas 77588  
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# BARGE "FMT 3300"

**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	3,318.85	0	3,660.96	0	4,003.15	0	4,344.88	0	4,685.51	0	5,006.03	0		0		0		0	
1/4	3,325.98	1/4	3,668.09	1/4	4,010.28	1/4	4,351.98	1/4	4,692.60	1/4	5,009.22	1/4		1/4	1/4		1/4		1/4
1/2	3,333.11	1/2	3,675.21	1/2	4,017.41	1/2	4,359.07	1/2	4,699.70	1/2	5,012.41	1/2		1/2	1/2		1/2		1/2
3/4	3,340.23	3/4	3,682.34	3/4	4,024.54	3/4	4,366.17	3/4	4,706.80	3/4	5,015.60	3/4		3/4	3/4		3/4		3/4
1	3,347.36	1	3,689.47	1	4,031.66	1	4,373.27	1	4,713.89	1	5,018.79	1		1		1		1	
1/4	3,354.49	1/4	3,696.60	1/4	4,038.79	1/4	4,380.36	1/4	4,720.99	1/4	5,020.79	1/4		1/4	1/4		1/4		1/4
1/2	3,361.61	1/2	3,703.73	1/2	4,045.92	1/2	4,387.46	1/2	4,728.09	1/2	5,022.79	1/2		1/2	1/2		1/2		1/2
3/4	3,368.74	3/4	3,710.86	3/4	4,053.05	3/4	4,394.55	3/4	4,735.18	3/4	5,024.79	3/4		3/4	3/4		3/4		3/4
2	3,375.87	2	3,717.99	2	4,060.18	2	4,401.65	2	4,742.28	2	5,026.79	2		2		2		2	
1/4	3,383.00	1/4	3,725.12	1/4	4,067.31	1/4	4,408.75	1/4	4,749.37	1/4	5,027.72	1/4		1/4	1/4		1/4		1/4
1/2	3,390.12	1/2	3,732.25	1/2	4,074.44	1/2	4,415.84	1/2	4,756.47	1/2	5,028.65	1/2		1/2	1/2		1/2		1/2
3/4	3,397.25	3/4	3,739.38	3/4	4,081.57	3/4	4,422.94	3/4	4,763.57	3/4		3/4		3/4	3/4		3/4		3/4
3	3,404.38	3	3,746.50	3	4,088.70	3	4,430.04	3	4,770.66	3		3		3		3		3	
1/4	3,411.50	1/4	3,753.63	1/4	4,095.83	1/4	4,437.13	1/4	4,777.76	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,418.63	1/2	3,760.76	1/2	4,102.95	1/2	4,444.23	1/2	4,784.86	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,425.76	3/4	3,767.89	3/4	4,110.08	3/4	4,451.33	3/4	4,791.95	3/4		3/4		3/4	3/4		3/4		3/4
4	3,432.88	4	3,775.02	4	4,117.21	4	4,458.42	4	4,799.05	4		4		4		4		4	
1/4	3,440.01	1/4	3,782.15	1/4	4,124.34	1/4	4,465.52	1/4	4,806.12	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,447.14	1/2	3,789.28	1/2	4,131.47	1/2	4,472.61	1/2	4,813.19	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,454.27	3/4	3,796.41	3/4	4,138.60	3/4	4,479.71	3/4	4,820.27	3/4		3/4		3/4	3/4		3/4		3/4
5	3,461.39	5	3,803.54	5	4,145.73	5	4,486.81	5	4,827.34	5		5		5		5		5	
1/4	3,468.52	1/4	3,810.67	1/4	4,152.86	1/4	4,493.90	1/4	4,834.39	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,475.65	1/2	3,817.79	1/2	4,159.99	1/2	4,501.00	1/2	4,841.44	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,482.77	3/4	3,824.92	3/4	4,167.12	3/4	4,508.10	3/4	4,848.50	3/4		3/4		3/4	3/4		3/4		3/4
6	3,489.90	6	3,832.05	6	4,174.24	6	4,515.19	6	4,855.55	6		6		6		6		6	
1/4	3,497.03	1/4	3,839.18	1/4	4,181.37	1/4	4,522.29	1/4	4,862.60	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,504.15	1/2	3,846.31	1/2	4,188.50	1/2	4,529.39	1/2	4,869.65	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,511.28	3/4	3,853.44	3/4	4,195.63	3/4	4,536.48	3/4	4,876.70	3/4		3/4		3/4	3/4		3/4		3/4
7	3,518.41	7	3,860.57	7	4,202.76	7	4,543.58	7	4,883.75	7		7		7		7		7	
1/4	3,525.54	1/4	3,867.70	1/4	4,209.89	1/4	4,550.68	1/4	4,890.79	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,532.66	1/2	3,874.83	1/2	4,217.02	1/2	4,557.77	1/2	4,897.84	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,539.79	3/4	3,881.96	3/4	4,224.15	3/4	4,564.87	3/4	4,904.88	3/4		3/4		3/4	3/4		3/4		3/4
8	3,546.92	8	3,889.08	8	4,231.28	8	4,571.96	8	4,911.92	8		8		8		8		8	
1/4	3,554.04	1/4	3,896.21	1/4	4,238.39	1/4	4,579.06	1/4	4,918.93	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,561.17	1/2	3,903.34	1/2	4,245.50	1/2	4,586.16	1/2	4,925.94	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,568.30	3/4	3,910.47	3/4	4,252.61	3/4	4,593.25	3/4	4,932.95	3/4		3/4		3/4	3/4		3/4		3/4
9	3,575.42	9	3,917.60	9	4,259.72	9	4,600.35	9	4,939.96	9		9		9		9		9	
1/4	3,582.55	1/4	3,924.73	1/4	4,266.82	1/4	4,607.45	1/4	4,946.54	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,589.68	1/2	3,931.86	1/2	4,273.92	1/2	4,614.54	1/2	4,953.11	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,596.81	3/4	3,938.99	3/4	4,281.01	3/4	4,621.64	3/4	4,959.68	3/4		3/4		3/4	3/4		3/4		3/4
10	3,603.93	10	3,946.12	10	4,288.11	10	4,628.74	10	4,966.25	10		10		10		10		10	
1/4	3,611.06	1/4	3,953.25	1/4	4,295.20	1/4	4,635.83	1/4	4,971.82	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,618.19	1/2	3,960.37	1/2	4,302.30	1/2	4,642.93	1/2	4,977.38	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,625.31	3/4	3,967.50	3/4	4,309.40	3/4	4,650.02	3/4	4,982.95	3/4		3/4		3/4	3/4		3/4		3/4
11	3,632.44	11	3,974.63	11	4,316.49	11	4,657.12	11	4,988.52	11		11		11		11		11	
1/4	3,639.57	1/4	3,981.76	1/4	4,323.59	1/4	4,664.22	1/4	4,992.89	1/4		1/4		1/4	1/4		1/4		1/4
1/2	3,646.70	1/2	3,988.89	1/2	4,330.69	1/2	4,671.31	1/2	4,997.27	1/2		1/2		1/2	1/2		1/2		1/2
3/4	3,653.83	3/4	3,996.02	3/4	4,337.78	3/4	4,678.41	3/4	5,001.65	3/4		3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,379.77	0	3,723.39	0	4,067.02	0	4,410.19	0	4,752.25	0	5,074.11	0		0		0		0	
1/4	3,386.93	1/4	3,730.55	1/4	4,074.17	1/4	4,417.32	1/4	4,759.37	1/4	5,077.31	1/4		1/4		1/4		1/4	
1/2	3,394.09	1/2	3,737.71	1/2	4,081.33	1/2	4,424.44	1/2	4,766.50	1/2	5,080.51	1/2		1/2		1/2		1/2	
3/4	3,401.25	3/4	3,744.87	3/4	4,088.49	3/4	4,431.57	3/4	4,773.63	3/4	5,083.72	3/4		3/4		3/4		3/4	
1	3,408.41	1	3,752.03	1	4,095.65	1	4,438.70	1	4,780.75	1	5,086.92	1		1		1		1	
1/4	3,415.57	1/4	3,759.19	1/4	4,102.81	1/4	4,445.82	1/4	4,787.88	1/4	5,088.93	1/4		1/4		1/4		1/4	
1/2	3,422.72	1/2	3,766.35	1/2	4,109.97	1/2	4,452.95	1/2	4,795.01	1/2	5,090.94	1/2		1/2		1/2		1/2	
3/4	3,429.88	3/4	3,773.51	3/4	4,117.13	3/4	4,460.07	3/4	4,802.13	3/4	5,092.95	3/4		3/4		3/4		3/4	
2	3,437.04	2	3,780.66	2	4,124.29	2	4,467.20	2	4,809.26	2	5,094.96	2		2		2		2	
1/4	3,444.20	1/4	3,787.82	1/4	4,131.45	1/4	4,474.33	1/4	4,816.38	1/4	5,095.89	1/4		1/4		1/4		1/4	
1/2	3,451.36	1/2	3,794.98	1/2	4,138.60	1/2	4,481.45	1/2	4,823.51	1/2	5,096.82	1/2		1/2		1/2		1/2	
3/4	3,458.52	3/4	3,802.14	3/4	4,145.76	3/4	4,488.58	3/4	4,830.64	3/4		3/4		3/4		3/4		3/4	
3	3,465.68	3	3,809.30	3	4,152.92	3	4,495.70	3	4,837.76	3		3		3		3		3	
1/4	3,472.84	1/4	3,816.46	1/4	4,160.08	1/4	4,502.83	1/4	4,844.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,479.99	1/2	3,823.62	1/2	4,167.24	1/2	4,509.96	1/2	4,852.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,487.15	3/4	3,830.78	3/4	4,174.40	3/4	4,517.08	3/4	4,859.14	3/4		3/4		3/4		3/4		3/4	
4	3,494.31	4	3,837.93	4	4,181.56	4	4,524.21	4	4,866.27	4		4		4		4		4	
1/4	3,501.47	1/4	3,845.09	1/4	4,188.72	1/4	4,531.34	1/4	4,873.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.63	1/2	3,852.25	1/2	4,195.87	1/2	4,538.46	1/2	4,880.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,515.79	3/4	3,859.41	3/4	4,203.03	3/4	4,545.59	3/4	4,887.58	3/4		3/4		3/4		3/4		3/4	
5	3,522.95	5	3,866.57	5	4,210.19	5	4,552.71	5	4,894.68	5		5		5		5		5	
1/4	3,530.11	1/4	3,873.73	1/4	4,217.35	1/4	4,559.84	1/4	4,901.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,537.26	1/2	3,880.89	1/2	4,224.51	1/2	4,566.97	1/2	4,908.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,544.42	3/4	3,888.05	3/4	4,231.67	3/4	4,574.09	3/4	4,915.92	3/4		3/4		3/4		3/4		3/4	
6	3,551.58	6	3,895.20	6	4,238.83	6	4,581.22	6	4,923.00	6		6		6		6		6	
1/4	3,558.74	1/4	3,902.36	1/4	4,245.99	1/4	4,588.35	1/4	4,930.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,565.90	1/2	3,909.52	1/2	4,253.14	1/2	4,595.47	1/2	4,937.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.06	3/4	3,916.68	3/4	4,260.30	3/4	4,602.60	3/4	4,944.24	3/4		3/4		3/4		3/4		3/4	
7	3,580.22	7	3,923.84	7	4,267.46	7	4,609.72	7	4,951.32	7		7		7		7		7	
1/4	3,587.38	1/4	3,931.00	1/4	4,274.62	1/4	4,616.85	1/4	4,958.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,594.54	1/2	3,938.16	1/2	4,281.78	1/2	4,623.98	1/2	4,965.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,601.69	3/4	3,945.32	3/4	4,288.94	3/4	4,631.10	3/4	4,972.54	3/4		3/4		3/4		3/4		3/4	
8	3,608.85	8	3,952.48	8	4,296.10	8	4,638.23	8	4,979.61	8		8		8		8		8	
1/4	3,616.01	1/4	3,959.63	1/4	4,303.24	1/4	4,645.35	1/4	4,986.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.17	1/2	3,966.79	1/2	4,310.39	1/2	4,652.48	1/2	4,993.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.33	3/4	3,973.95	3/4	4,317.53	3/4	4,659.61	3/4	5,000.73	3/4		3/4		3/4		3/4		3/4	
9	3,637.49	9	3,981.11	9	4,324.68	9	4,666.73	9	5,007.77	9		9		9		9		9	
1/4	3,644.65	1/4	3,988.27	1/4	4,331.80	1/4	4,673.86	1/4	5,014.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,651.81	1/2	3,995.43	1/2	4,338.93	1/2	4,680.99	1/2	5,020.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,658.96	3/4	4,002.59	3/4	4,346.05	3/4	4,688.11	3/4	5,027.57	3/4		3/4		3/4		3/4		3/4	
10	3,666.12	10	4,009.75	10	4,353.18	10	4,695.24	10	5,034.17	10		10		10		10		10	
1/4	3,673.28	1/4	4,016.90	1/4	4,360.31	1/4	4,702.36	1/4	5,039.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,680.44	1/2	4,024.06	1/2	4,367.43	1/2	4,709.49	1/2	5,045.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,687.60	3/4	4,031.22	3/4	4,374.56	3/4	4,716.62	3/4	5,050.94	3/4		3/4		3/4		3/4		3/4	
11	3,694.76	11	4,038.38	11	4,381.69	11	4,723.74	11	5,056.53	11		11		11		11		11	
1/4	3,701.92	1/4	4,045.54	1/4	4,388.81	1/4	4,730.87	1/4	5,060.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,709.08	1/2	4,052.70	1/2	4,395.94	1/2	4,738.00	1/2	5,065.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,716.23	3/4	4,059.86	3/4	4,403.06	3/4	4,745.12	3/4	5,069.71	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

**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	3,384.75	0	3,727.47	0	4,070.28	0	4,412.63	0	4,753.86	0	5,074.97	0		0		0		0	
1/4	3,391.89	1/4	3,734.61	1/4	4,077.42	1/4	4,419.73	1/4	4,760.97	1/4	5,078.16	1/4		1/4		1/4		1/4	
1/2	3,399.03	1/2	3,741.76	1/2	4,084.56	1/2	4,426.84	1/2	4,768.08	1/2	5,081.36	1/2		1/2		1/2		1/2	
3/4	3,406.17	3/4	3,748.90	3/4	4,091.70	3/4	4,433.95	3/4	4,775.19	3/4	5,084.56	3/4		3/4		3/4		3/4	
1	3,413.31	1	3,756.04	1	4,098.85	1	4,441.06	1	4,782.30	1	5,087.75	1		1		1		1	
1/4	3,420.45	1/4	3,763.18	1/4	4,105.99	1/4	4,448.17	1/4	4,789.41	1/4	5,089.76	1/4		1/4		1/4		1/4	
1/2	3,427.59	1/2	3,770.32	1/2	4,113.13	1/2	4,455.28	1/2	4,796.52	1/2	5,091.76	1/2		1/2		1/2		1/2	
3/4	3,434.73	3/4	3,777.46	3/4	4,120.27	3/4	4,462.39	3/4	4,803.63	3/4	5,093.77	3/4		3/4		3/4		3/4	
2	3,441.87	2	3,784.61	2	4,127.41	2	4,469.50	2	4,810.73	2	5,095.77	2		2		2		2	
1/4	3,449.01	1/4	3,791.75	1/4	4,134.55	1/4	4,476.61	1/4	4,817.84	1/4	5,096.70	1/4		1/4		1/4		1/4	
1/2	3,456.15	1/2	3,798.89	1/2	4,141.70	1/2	4,483.72	1/2	4,824.95	1/2	5,097.63	1/2		1/2		1/2		1/2	
3/4	3,463.29	3/4	3,806.03	3/4	4,148.84	3/4	4,490.83	3/4	4,832.06	3/4		3/4		3/4		3/4		3/4	
3	3,470.43	3	3,813.17	3	4,155.98	3	4,497.93	3	4,839.17	3		3		3		3		3	
1/4	3,477.57	1/4	3,820.32	1/4	4,163.12	1/4	4,505.04	1/4	4,846.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,484.71	1/2	3,827.46	1/2	4,170.26	1/2	4,512.15	1/2	4,853.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,491.85	3/4	3,834.60	3/4	4,177.41	3/4	4,519.26	3/4	4,860.50	3/4		3/4		3/4		3/4		3/4	
4	3,498.99	4	3,841.74	4	4,184.55	4	4,526.37	4	4,867.61	4		4		4		4		4	
1/4	3,506.13	1/4	3,848.88	1/4	4,191.69	1/4	4,533.48	1/4	4,874.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,513.27	1/2	3,856.02	1/2	4,198.83	1/2	4,540.59	1/2	4,881.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,520.41	3/4	3,863.17	3/4	4,205.97	3/4	4,547.70	3/4	4,888.87	3/4		3/4		3/4		3/4		3/4	
5	3,527.55	5	3,870.31	5	4,213.11	5	4,554.81	5	4,895.96	5		5		5		5		5	
1/4	3,534.69	1/4	3,877.45	1/4	4,220.26	1/4	4,561.92	1/4	4,903.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,541.83	1/2	3,884.59	1/2	4,227.40	1/2	4,569.03	1/2	4,910.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,548.97	3/4	3,891.73	3/4	4,234.54	3/4	4,576.13	3/4	4,917.15	3/4		3/4		3/4		3/4		3/4	
6	3,556.11	6	3,898.88	6	4,241.68	6	4,583.24	6	4,924.21	6		6		6		6		6	
1/4	3,563.25	1/4	3,906.02	1/4	4,248.82	1/4	4,590.35	1/4	4,931.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,570.39	1/2	3,913.16	1/2	4,255.97	1/2	4,597.46	1/2	4,938.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,577.53	3/4	3,920.30	3/4	4,263.11	3/4	4,604.57	3/4	4,945.40	3/4		3/4		3/4		3/4		3/4	
7	3,584.67	7	3,927.44	7	4,270.25	7	4,611.68	7	4,952.47	7		7		7		7		7	
1/4	3,591.81	1/4	3,934.58	1/4	4,277.39	1/4	4,618.79	1/4	4,959.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,598.95	1/2	3,941.73	1/2	4,284.53	1/2	4,625.90	1/2	4,966.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,606.09	3/4	3,948.87	3/4	4,291.67	3/4	4,633.01	3/4	4,973.64	3/4		3/4		3/4		3/4		3/4	
8	3,613.23	8	3,956.01	8	4,298.82	8	4,640.12	8	4,980.69	8		8		8		8		8	
1/4	3,620.37	1/4	3,963.15	1/4	4,305.94	1/4	4,647.23	1/4	4,987.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,627.51	1/2	3,970.29	1/2	4,313.07	1/2	4,654.33	1/2	4,994.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,634.65	3/4	3,977.44	3/4	4,320.19	3/4	4,661.44	3/4	5,001.76	3/4		3/4		3/4		3/4		3/4	
9	3,641.79	9	3,984.58	9	4,327.32	9	4,668.55	9	5,008.78	9		9		9		9		9	
1/4	3,648.92	1/4	3,991.72	1/4	4,334.43	1/4	4,675.66	1/4	5,015.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.06	1/2	3,998.86	1/2	4,341.53	1/2	4,682.77	1/2	5,021.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,663.20	3/4	4,006.00	3/4	4,348.64	3/4	4,689.88	3/4	5,028.53	3/4		3/4		3/4		3/4		3/4	
10	3,670.34	10	4,013.14	10	4,355.75	10	4,696.99	10	5,035.12	10		10		10		10		10	
1/4	3,677.48	1/4	4,020.29	1/4	4,362.86	1/4	4,704.10	1/4	5,040.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,684.62	1/2	4,027.43	1/2	4,369.97	1/2	4,711.21	1/2	5,046.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,691.76	3/4	4,034.57	3/4	4,377.08	3/4	4,718.32	3/4	5,051.85	3/4		3/4		3/4		3/4		3/4	
11	3,698.91	11	4,041.71	11	4,384.19	11	4,725.43	11	5,057.42	11		11		11		11		11	
1/4	3,706.05	1/4	4,048.85	1/4	4,391.30	1/4	4,732.53	1/4	5,061.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,713.19	1/2	4,056.00	1/2	4,398.41	1/2	4,739.64	1/2	5,066.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,720.33	3/4	4,063.14	3/4	4,405.52	3/4	4,746.75	3/4	5,070.58	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,345.58	0	3,554.03	0	3,763.25	0	3,972.19	0	4,180.50	0	4,370.56	0		0		0		0	
1/4	3,349.91	1/4	3,558.39	1/4	3,767.61	1/4	3,976.53	1/4	4,184.83	1/4	4,372.26	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,354.23	1/2	3,562.75	1/2	3,771.96	1/2	3,980.87	1/2	4,189.17	1/2	4,373.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,358.56	3/4	3,567.11	3/4	3,776.32	3/4	3,985.21	3/4	4,193.51	3/4	4,375.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,362.88	1	3,571.46	1	3,780.68	1	3,989.55	1	4,197.85	1	4,377.37	1	1	1	1	1	1	1	1
1/4	3,367.22	1/4	3,575.82	1/4	3,785.04	1/4	3,993.89	1/4	4,202.19	1/4	4,379.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,371.55	1/2	3,580.18	1/2	3,789.40	1/2	3,998.23	1/2	4,206.53	1/2	4,380.78	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,375.88	3/4	3,584.54	3/4	3,793.76	3/4	4,002.57	3/4	4,210.87	3/4	4,382.48	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,380.22	2	3,588.90	2	3,798.12	2	4,006.91	2	4,215.21	2	4,384.18	2	2	2	2	2	2	2	2
1/4	3,384.56	1/4	3,593.26	1/4	3,802.48	1/4	4,011.25	1/4	4,219.55	1/4	4,385.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,388.90	1/2	3,597.62	1/2	3,806.83	1/2	4,015.59	1/2	4,223.89	1/2	4,386.33	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,393.25	3/4	3,601.98	3/4	3,811.19	3/4	4,019.93	3/4	4,228.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,397.59	3	3,606.33	3	3,815.55	3	4,024.27	3	4,232.57	3		3	3	3	3	3	3	3	3
1/4	3,401.93	1/4	3,610.69	1/4	3,819.91	1/4	4,028.61	1/4	4,236.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,406.27	1/2	3,615.05	1/2	3,824.27	1/2	4,032.95	1/2	4,241.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,410.62	3/4	3,619.41	3/4	3,828.63	3/4	4,037.29	3/4	4,245.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,414.96	4	3,623.77	4	3,832.99	4	4,041.63	4	4,249.93	4		4	4	4	4	4	4	4	4
1/4	3,419.30	1/4	3,628.13	1/4	3,837.35	1/4	4,045.97	1/4	4,254.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,423.65	1/2	3,632.49	1/2	3,841.70	1/2	4,050.31	1/2	4,258.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,427.99	3/4	3,636.85	3/4	3,846.06	3/4	4,054.65	3/4	4,262.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,432.33	5	3,641.20	5	3,850.42	5	4,058.99	5	4,267.23	5		5	5	5	5	5	5	5	5
1/4	3,436.68	1/4	3,645.56	1/4	3,854.78	1/4	4,063.33	1/4	4,271.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,441.02	1/2	3,649.92	1/2	3,859.14	1/2	4,067.67	1/2	4,275.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,445.36	3/4	3,654.28	3/4	3,863.50	3/4	4,072.01	3/4	4,280.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,449.70	6	3,658.64	6	3,867.86	6	4,076.34	6	4,284.48	6		6	6	6	6	6	6	6	6
1/4	3,454.05	1/4	3,663.00	1/4	3,872.22	1/4	4,080.68	1/4	4,288.79	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,458.39	1/2	3,667.36	1/2	3,876.57	1/2	4,085.02	1/2	4,293.10	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,462.73	3/4	3,671.71	3/4	3,880.93	3/4	4,089.36	3/4	4,297.41	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,467.08	7	3,676.07	7	3,885.29	7	4,093.70	7	4,301.73	7		7	7	7	7	7	7	7	7
1/4	3,471.42	1/4	3,680.43	1/4	3,889.65	1/4	4,098.04	1/4	4,306.03	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,475.76	1/2	3,684.79	1/2	3,894.01	1/2	4,102.38	1/2	4,310.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,480.10	3/4	3,689.15	3/4	3,898.37	3/4	4,106.72	3/4	4,314.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,484.45	8	3,693.51	8	3,902.73	8	4,111.06	8	4,318.94	8		8	8	8	8	8	8	8	8
1/4	3,488.79	1/4	3,697.87	1/4	3,907.07	1/4	4,115.40	1/4	4,323.21	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,493.13	1/2	3,702.23	1/2	3,911.42	1/2	4,119.74	1/2	4,327.48	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,497.48	3/4	3,706.58	3/4	3,915.77	3/4	4,124.08	3/4	4,331.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,501.82	9	3,710.94	9	3,920.12	9	4,128.42	9	4,336.02	9		9	9	9	9	9	9	9	9
1/4	3,506.16	1/4	3,715.30	1/4	3,924.46	1/4	4,132.76	1/4	4,339.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,510.50	1/2	3,719.66	1/2	3,928.80	1/2	4,137.10	1/2	4,343.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,514.85	3/4	3,724.02	3/4	3,933.14	3/4	4,141.44	3/4	4,347.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,519.19	10	3,728.38	10	3,937.48	10	4,145.78	10	4,351.36	10		10	10	10	10	10	10	10	10
1/4	3,523.54	1/4	3,732.74	1/4	3,941.82	1/4	4,150.12	1/4	4,354.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,527.89	1/2	3,737.10	1/2	3,946.16	1/2	4,154.46	1/2	4,357.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,532.24	3/4	3,741.45	3/4	3,950.50	3/4	4,158.80	3/4	4,359.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,536.60	11	3,745.81	11	3,954.84	11	4,163.14	11	4,362.68	11		11	11	11	11	11	11	11	11
1/4	3,540.95	1/4	3,750.17	1/4	3,959.18	1/4	4,167.48	1/4	4,364.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,545.31	1/2	3,754.53	1/2	3,963.52	1/2	4,171.82	1/2	4,366.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,549.67	3/4	3,758.89	3/4	3,967.85	3/4	4,176.16	3/4	4,368.59	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019







# BARGE "FMT 3300"

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	3,369.17	0	3,578.72	0	3,788.49	0	3,997.98	0	4,206.83	0	4,397.40	0		0		0		0	
1/4	3,373.51	1/4	3,583.09	1/4	3,792.86	1/4	4,002.33	1/4	4,211.18	1/4	4,399.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,377.84	1/2	3,587.46	1/2	3,797.23	1/2	4,006.68	1/2	4,215.53	1/2	4,400.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,382.18	3/4	3,591.83	3/4	3,801.60	3/4	4,011.03	3/4	4,219.88	3/4	4,402.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,386.51	1	3,596.20	1	3,805.97	1	4,015.38	1	4,224.23	1	4,404.23	1	1	1	1	1	1	1	1
1/4	3,390.86	1/4	3,600.57	1/4	3,810.34	1/4	4,019.73	1/4	4,228.58	1/4	4,405.93	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,395.22	1/2	3,604.94	1/2	3,814.71	1/2	4,024.09	1/2	4,232.93	1/2	4,407.64	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,399.57	3/4	3,609.31	3/4	3,819.08	3/4	4,028.44	3/4	4,237.28	3/4	4,409.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,403.92	2	3,613.68	2	3,823.45	2	4,032.79	2	4,241.64	2	4,411.05	2	2	2	2	2	2	2	2
1/4	3,408.29	1/4	3,618.06	1/4	3,827.82	1/4	4,037.14	1/4	4,245.99	1/4	4,412.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,412.66	1/2	3,622.43	1/2	3,832.19	1/2	4,041.49	1/2	4,250.34	1/2	4,413.21	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,417.03	3/4	3,626.80	3/4	3,836.56	3/4	4,045.84	3/4	4,254.69	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,421.40	3	3,631.17	3	3,840.93	3	4,050.19	3	4,259.04	3		3	3	3	3	3	3	3	3
1/4	3,425.77	1/4	3,635.54	1/4	3,845.30	1/4	4,054.54	1/4	4,263.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,430.14	1/2	3,639.91	1/2	3,849.67	1/2	4,058.89	1/2	4,267.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,434.51	3/4	3,644.28	3/4	3,854.04	3/4	4,063.24	3/4	4,272.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,438.88	4	3,648.65	4	3,858.41	4	4,067.60	4	4,276.44	4		4	4	4	4	4	4	4	4
1/4	3,443.25	1/4	3,653.02	1/4	3,862.78	1/4	4,071.95	1/4	4,280.78	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,447.62	1/2	3,657.39	1/2	3,867.15	1/2	4,076.30	1/2	4,285.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,451.99	3/4	3,661.76	3/4	3,871.52	3/4	4,080.65	3/4	4,289.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,456.36	5	3,666.13	5	3,875.89	5	4,085.00	5	4,293.79	5		5	5	5	5	5	5	5	5
1/4	3,460.73	1/4	3,670.50	1/4	3,880.26	1/4	4,089.35	1/4	4,298.12	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,465.10	1/2	3,674.87	1/2	3,884.63	1/2	4,093.70	1/2	4,302.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,469.47	3/4	3,679.24	3/4	3,889.00	3/4	4,098.05	3/4	4,306.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,473.84	6	3,683.61	6	3,893.37	6	4,102.40	6	4,311.09	6		6	6	6	6	6	6	6	6
1/4	3,478.21	1/4	3,687.98	1/4	3,897.74	1/4	4,106.75	1/4	4,315.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,482.58	1/2	3,692.35	1/2	3,902.11	1/2	4,111.11	1/2	4,319.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,486.95	3/4	3,696.72	3/4	3,906.48	3/4	4,115.46	3/4	4,324.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,491.32	7	3,701.09	7	3,910.85	7	4,119.81	7	4,328.37	7		7	7	7	7	7	7	7	7
1/4	3,495.69	1/4	3,705.46	1/4	3,915.22	1/4	4,124.16	1/4	4,332.69	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,500.06	1/2	3,709.83	1/2	3,919.59	1/2	4,128.51	1/2	4,337.00	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,504.43	3/4	3,714.20	3/4	3,923.96	3/4	4,132.86	3/4	4,341.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,508.80	8	3,718.57	8	3,928.33	8	4,137.21	8	4,345.63	8		8	8	8	8	8	8	8	8
1/4	3,513.17	1/4	3,722.94	1/4	3,932.69	1/4	4,141.56	1/4	4,349.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,517.54	1/2	3,727.31	1/2	3,937.05	1/2	4,145.91	1/2	4,354.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,521.91	3/4	3,731.68	3/4	3,941.41	3/4	4,150.26	3/4	4,358.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,526.28	9	3,736.05	9	3,945.77	9	4,154.62	9	4,362.76	9		9	9	9	9	9	9	9	9
1/4	3,530.65	1/4	3,740.42	1/4	3,950.12	1/4	4,158.97	1/4	4,366.60	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,535.02	1/2	3,744.79	1/2	3,954.47	1/2	4,163.32	1/2	4,370.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,539.39	3/4	3,749.16	3/4	3,958.82	3/4	4,167.67	3/4	4,374.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,543.76	10	3,753.53	10	3,963.17	10	4,172.02	10	4,378.14	10		10	10	10	10	10	10	10	10
1/4	3,548.13	1/4	3,757.90	1/4	3,967.52	1/4	4,176.37	1/4	4,380.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,552.50	1/2	3,762.27	1/2	3,971.87	1/2	4,180.72	1/2	4,383.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,556.87	3/4	3,766.64	3/4	3,976.22	3/4	4,185.07	3/4	4,386.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,561.24	11	3,771.01	11	3,980.58	11	4,189.42	11	4,389.49	11		11	11	11	11	11	11	11	11
1/4	3,565.61	1/4	3,775.38	1/4	3,984.93	1/4	4,193.77	1/4	4,391.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,569.98	1/2	3,779.75	1/2	3,989.28	1/2	4,198.13	1/2	4,393.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,574.35	3/4	3,784.12	3/4	3,993.63	3/4	4,202.48	3/4	4,395.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
 CALCULATED: 07/26/2019 CL  
 PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

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CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2019



# BARGE "FMT 3300"

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 25, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "FMT 3300"

## 1 PORT ULLAGE TABLE

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,032.14	0	4,747.19	0	4,406.04	0	4,064.05	0	3,721.34	0	3,378.70	0	3,036.08		
1/4		1/4		1/4		1/4	5,030.14	1/4	4,740.08	1/4	4,398.93	1/4	4,056.91	1/4	3,714.20	1/4	3,371.56	1/4	3,028.94		
1/2		1/2		1/2		1/2	5,028.14	1/2	4,732.97	1/2	4,391.83	1/2	4,049.77	1/2	3,707.06	1/2	3,364.42	1/2	3,021.80		
3/4		3/4		3/4		3/4	5,026.13	3/4	4,725.86	3/4	4,384.72	3/4	4,042.63	3/4	3,699.92	3/4	3,357.28	3/4	3,014.66		
1		1		1		1	5,024.13	1	4,718.76	1	4,377.61	1	4,035.49	1	3,692.78	1	3,350.14	1	3,007.52		
1/4		1/4		1/4		1/4	5,020.93	1/4	4,711.65	1/4	4,370.50	1/4	4,028.35	1/4	3,685.64	1/4	3,343.01	1/4	3,000.39		
1/2		1/2		1/2		1/2	5,017.74	1/2	4,704.54	1/2	4,363.40	1/2	4,021.21	1/2	3,678.50	1/2	3,335.87	1/2	2,993.25		
3/4		3/4		3/4		3/4	5,014.54	3/4	4,697.44	3/4	4,356.29	3/4	4,014.07	3/4	3,671.36	3/4	3,328.73	3/4	2,986.11		
2		2		2		2	5,011.35	2	4,690.33	2	4,349.18	2	4,006.93	2	3,664.22	2	3,321.59	2	2,978.97		
1/4		1/4		1/4		1/4	5,006.96	1/4	4,683.22	1/4	4,342.08	1/4	3,999.79	1/4	3,657.08	1/4	3,314.45	1/4	2,971.83		
1/2		1/2		1/2		1/2	5,002.58	1/2	4,676.11	1/2	4,334.97	1/2	3,992.65	1/2	3,649.94	1/2	3,307.32	1/2	2,964.69		
3/4		3/4		3/4		3/4	4,998.19	3/4	4,669.01	3/4	4,327.86	3/4	3,985.51	3/4	3,642.80	3/4	3,300.18	3/4	2,957.55		
3		3		3		3	4,993.81	3	4,661.90	3	4,320.75	3	3,978.37	3	3,635.66	3	3,293.04	3	2,950.41		
1/4		1/4		1/4		1/4	4,988.23	1/4	4,654.79	1/4	4,313.65	1/4	3,971.23	1/4	3,628.52	1/4	3,285.90	1/4	2,943.27		
1/2		1/2		1/2		1/2	4,982.66	1/2	4,647.69	1/2	4,306.54	1/2	3,964.09	1/2	3,621.38	1/2	3,278.76	1/2	2,936.13		
3/4		3/4		3/4		3/4	4,977.08	3/4	4,640.58	3/4	4,299.43	3/4	3,956.95	3/4	3,614.25	3/4	3,271.63	3/4	2,928.99		
4		4		4		4	4,971.51	4	4,633.47	4	4,292.33	4	3,949.81	4	3,607.11	4	3,264.49	4	2,921.85		
1/4		1/4		1/4		1/4	4,964.93	1/4	4,626.36	1/4	4,285.22	1/4	3,942.67	1/4	3,599.97	1/4	3,257.35	1/4	2,914.71		
1/2		1/2		1/2		1/2	4,958.35	1/2	4,619.26	1/2	4,278.11	1/2	3,935.53	1/2	3,592.83	1/2	3,250.21	1/2	2,907.57		
3/4		3/4		3/4		3/4	4,951.76	3/4	4,612.15	3/4	4,271.00	3/4	3,928.39	3/4	3,585.69	3/4	3,243.08	3/4	2,900.43		
5		5		5		5	4,945.18	5	4,605.04	5	4,263.90	5	3,921.25	5	3,578.56	5	3,235.94	5	2,893.29		
1/4		1/4		1/4		1/4	4,938.16	1/4	4,597.94	1/4	4,256.77	1/4	3,914.11	1/4	3,571.42	1/4	3,228.80	1/4	2,886.15		
1/2		1/2		1/2		1/2	4,931.14	1/2	4,590.83	1/2	4,249.65	1/2	3,906.97	1/2	3,564.28	1/2	3,221.66	1/2	2,879.01		
3/4		3/4		3/4		3/4	4,924.12	3/4	4,583.72	3/4	4,242.53	3/4	3,899.83	3/4	3,557.14	3/4	3,214.52	3/4	2,871.87		
6		6		6		6	4,917.10	6	4,576.61	6	4,235.41	6	3,892.69	6	3,550.00	6	3,207.39	6	2,864.73		
1/4		1/4		1/4		1/4	4,910.04	1/4	4,569.51	1/4	4,228.27	1/4	3,885.55	1/4	3,542.87	1/4	3,200.25	1/4	2,857.59		
1/2		1/2		1/2		1/2	4,902.99	1/2	4,562.40	1/2	4,221.13	1/2	3,878.41	1/2	3,535.73	1/2	3,193.11	1/2	2,850.45		
3/4		3/4		3/4		3/4	4,895.93	3/4	4,555.29	3/4	4,213.99	3/4	3,871.27	3/4	3,528.59	3/4	3,185.97	3/4	2,843.31		
7		7		7		7	4,888.88	7	4,548.18	7	4,206.85	7	3,864.13	7	3,521.45	7	3,178.83	7	2,836.17		
1/4		1/4		1/4		1/4	4,881.82	1/4	4,541.08	1/4	4,199.71	1/4	3,856.99	1/4	3,514.32	1/4	3,171.70	1/4	2,829.03		
1/2		1/2		1/2		1/2	4,874.76	1/2	4,533.97	1/2	4,192.57	1/2	3,849.85	1/2	3,507.18	1/2	3,164.56	1/2	2,821.89		
3/4		3/4		3/4		3/4	4,867.69	3/4	4,526.86	3/4	4,185.43	3/4	3,842.71	3/4	3,500.04	3/4	3,157.42	3/4	2,814.75		
8		8		8		8	4,860.63	8	4,519.76	8	4,178.29	8	3,835.57	8	3,492.90	8	3,150.28	8	2,807.61		
1/4		1/4		1/4		1/4	4,853.57	1/4	4,512.65	1/4	4,171.15	1/4	3,828.43	1/4	3,485.76	1/4	3,143.14	1/4	2,800.47		
1/2		1/2		1/2		1/2	4,846.51	1/2	4,505.54	1/2	4,164.01	1/2	3,821.29	1/2	3,478.63	1/2	3,136.01	1/2	2,793.33		
3/4		3/4		3/4		3/4	4,839.45	3/4	4,498.43	3/4	4,156.87	3/4	3,814.15	3/4	3,471.49	3/4	3,128.87	3/4	2,786.19		
9		9		9		9	4,832.38	9	4,491.33	9	4,149.73	9	3,807.01	9	3,464.35	9	3,121.73	9	2,779.05		
1/4		1/4		1/4		1/4	4,825.30	1/4	4,484.22	1/4	4,142.59	1/4	3,799.87	1/4	3,457.21	1/4	3,114.59	1/4	2,771.91		
1/2		1/2		1/2		1/2	4,818.21	1/2	4,477.11	1/2	4,135.45	1/2	3,792.73	1/2	3,450.07	1/2	3,107.45	1/2	2,764.77		
3/4		3/4		3/4		3/4	4,811.13	3/4	4,470.01	3/4	4,128.31	3/4	3,785.60	3/4	3,442.94	3/4	3,100.32	3/4	2,757.63		
10		10		10		10	4,804.04	10	4,462.90	10	4,121.17	10	3,778.46	10	3,435.80	10	3,093.18	10	2,750.49		
1/4		1/4		1/4		1/4	4,796.94	1/4	4,455.79	1/4	4,114.03	1/4	3,771.32	1/4	3,428.66	1/4	3,086.04	1/4	2,743.35		
1/2		1/2		1/2		1/2	4,789.83	1/2	4,448.68	1/2	4,106.89	1/2	3,764.18	1/2	3,421.52	1/2	3,078.90	1/2	2,736.22		
3/4		3/4		3/4		3/4	4,782.72	3/4	4,441.58	3/4	4,099.75	3/4	3,757.04	3/4	3,414.38	3/4	3,071.77	3/4	2,729.08		
11		11		11		11	4,775.62	11	4,434.47	11	4,092.61	11	3,749.90	11	3,407.25	11	3,064.63	11	2,721.94		
1/4		1/4		1/4		1/4	4,768.51	1/4	4,427.36	1/4	4,085.47	1/4	3,742.76	1/4	3,400.11	1/4	3,057.49	1/4	2,714.80		
1/2		1/2		1/2		1/2	5,034.00	1/2	4,761.40	1/2	4,420.26	1/2	4,078.33	1/2	3,735.62	1/2	3,392.97	1/2	3,050.35	1/2	2,707.66
3/4		3/4		3/4		3/4	5,033.07	3/4	4,754.29	3/4	4,413.15	3/4	4,071.19	3/4	3,728.48	3/4	3,385.83	3/4	3,043.21	3/4	2,700.52

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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 Pearland, Texas 77588  
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# BARGE "FMT 3300"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,693.38	0	2,350.66	0	2,007.92	0	1,665.19	0	1,322.45	0	980.43	0	639.62	0	304.03	0	20.49	0	
1/4	2,686.24	1/4	2,343.52	1/4	2,000.78	1/4	1,658.05	1/4	1,315.31	1/4	973.35	1/4	632.48	1/4	297.47	1/4	17.69	1/4	
1/2	2,679.10	1/2	2,336.38	1/2	1,993.64	1/2	1,650.91	1/2	1,308.17	1/2	966.27	1/2	625.34	1/2	290.92	1/2	14.89	1/2	
3/4	2,671.96	3/4	2,329.24	3/4	1,986.50	3/4	1,643.77	3/4	1,301.03	3/4	959.19	3/4	618.20	3/4	284.36	3/4	12.09	3/4	
1	2,664.82	1	2,322.10	1	1,979.36	1	1,636.63	1	1,293.89	1	952.11	1	611.06	1	277.81	1	9.29	1	
1/4	2,657.68	1/4	2,314.96	1/4	1,972.22	1/4	1,629.49	1/4	1,286.75	1/4	945.03	1/4	603.92	1/4	271.33	1/4	7.51	1/4	
1/2	2,650.54	1/2	2,307.82	1/2	1,965.08	1/2	1,622.35	1/2	1,279.61	1/2	937.95	1/2	596.78	1/2	264.86	1/2	5.72	1/2	
3/4	2,643.40	3/4	2,300.68	3/4	1,957.94	3/4	1,615.21	3/4	1,272.47	3/4	930.87	3/4	589.64	3/4	258.39	3/4	3.94	3/4	
2	2,636.26	2	2,293.54	2	1,950.80	2	1,608.07	2	1,265.33	2	923.79	2	582.50	2	251.91	2	2.15	2	
1/4	2,629.12	1/4	2,286.39	1/4	1,943.66	1/4	1,600.93	1/4	1,258.19	1/4	916.71	1/4	575.36	1/4	245.52	1/4		1/4	
1/2	2,621.98	1/2	2,279.25	1/2	1,936.52	1/2	1,593.79	1/2	1,251.05	1/2	909.63	1/2	568.22	1/2	239.14	1/2		1/2	
3/4	2,614.85	3/4	2,272.11	3/4	1,929.38	3/4	1,586.65	3/4	1,243.91	3/4	902.55	3/4	561.08	3/4	232.75	3/4		3/4	
3	2,607.71	3	2,264.97	3	1,922.24	3	1,579.51	3	1,236.77	3	895.47	3	553.94	3	226.36	3		3	
1/4	2,600.57	1/4	2,257.83	1/4	1,915.10	1/4	1,572.36	1/4	1,229.63	1/4	888.39	1/4	546.80	1/4	220.05	1/4		1/4	
1/2	2,593.43	1/2	2,250.69	1/2	1,907.96	1/2	1,565.22	1/2	1,222.49	1/2	881.31	1/2	539.66	1/2	213.75	1/2		1/2	
3/4	2,586.29	3/4	2,243.55	3/4	1,900.82	3/4	1,558.08	3/4	1,215.35	3/4	874.23	3/4	532.52	3/4	207.44	3/4		3/4	
4	2,579.15	4	2,236.41	4	1,893.68	4	1,550.94	4	1,208.21	4	867.15	4	525.38	4	201.13	4		4	
1/4	2,572.01	1/4	2,229.27	1/4	1,886.54	1/4	1,543.80	1/4	1,201.07	1/4	860.07	1/4	518.24	1/4	194.91	1/4		1/4	
1/2	2,564.87	1/2	2,222.13	1/2	1,879.40	1/2	1,536.66	1/2	1,193.93	1/2	852.99	1/2	511.10	1/2	188.69	1/2		1/2	
3/4	2,557.73	3/4	2,214.99	3/4	1,872.26	3/4	1,529.52	3/4	1,186.79	3/4	845.91	3/4	503.96	3/4	182.47	3/4		3/4	
5	2,550.59	5	2,207.85	5	1,865.12	5	1,522.38	5	1,179.65	5	838.83	5	496.82	5	176.24	5		5	
1/4	2,543.45	1/4	2,200.71	1/4	1,857.98	1/4	1,515.24	1/4	1,172.51	1/4	831.75	1/4	489.70	1/4	170.11	1/4		1/4	
1/2	2,536.31	1/2	2,193.57	1/2	1,850.84	1/2	1,508.10	1/2	1,165.37	1/2	824.67	1/2	482.59	1/2	163.97	1/2		1/2	
3/4	2,529.17	3/4	2,186.43	3/4	1,843.70	3/4	1,500.96	3/4	1,158.23	3/4	817.59	3/4	475.47	3/4	157.83	3/4		3/4	
6	2,522.02	6	2,179.29	6	1,836.56	6	1,493.82	6	1,151.09	6	810.51	6	468.35	6	151.69	6		6	
1/4	2,514.88	1/4	2,172.15	1/4	1,829.42	1/4	1,486.68	1/4	1,143.95	1/4	803.43	1/4	461.30	1/4	145.63	1/4		1/4	
1/2	2,507.74	1/2	2,165.01	1/2	1,822.28	1/2	1,479.54	1/2	1,136.81	1/2	796.35	1/2	454.25	1/2	139.58	1/2		1/2	
3/4	2,500.60	3/4	2,157.87	3/4	1,815.14	3/4	1,472.40	3/4	1,129.67	3/4	789.26	3/4	447.20	3/4	133.52	3/4		3/4	
7	2,493.46	7	2,150.73	7	1,807.99	7	1,465.26	7	1,122.53	7	782.18	7	440.15	7	127.47	7		7	
1/4	2,486.32	1/4	2,143.59	1/4	1,800.85	1/4	1,458.12	1/4	1,115.39	1/4	775.08	1/4	433.18	1/4	121.50	1/4		1/4	
1/2	2,479.18	1/2	2,136.45	1/2	1,793.71	1/2	1,450.98	1/2	1,108.25	1/2	767.99	1/2	426.21	1/2	115.52	1/2		1/2	
3/4	2,472.04	3/4	2,129.31	3/4	1,786.57	3/4	1,443.84	3/4	1,101.11	3/4	760.89	3/4	419.23	3/4	109.55	3/4		3/4	
8	2,464.90	8	2,122.17	8	1,779.43	8	1,436.70	8	1,093.96	8	753.79	8	412.26	8	103.58	8		8	
1/4	2,457.76	1/4	2,115.03	1/4	1,772.29	1/4	1,429.56	1/4	1,086.84	1/4	746.67	1/4	405.37	1/4	97.70	1/4		1/4	
1/2	2,450.62	1/2	2,107.89	1/2	1,765.15	1/2	1,422.42	1/2	1,079.72	1/2	739.55	1/2	398.48	1/2	91.82	1/2		1/2	
3/4	2,443.48	3/4	2,100.75	3/4	1,758.01	3/4	1,415.28	3/4	1,072.60	3/4	732.42	3/4	391.59	3/4	85.93	3/4		3/4	
9	2,436.34	9	2,093.61	9	1,750.87	9	1,408.14	9	1,065.47	9	725.30	9	384.70	9	80.05	9		9	
1/4	2,429.20	1/4	2,086.47	1/4	1,743.73	1/4	1,401.00	1/4	1,058.37	1/4	718.16	1/4	377.90	1/4	74.27	1/4		1/4	
1/2	2,422.06	1/2	2,079.33	1/2	1,736.59	1/2	1,393.86	1/2	1,051.28	1/2	711.02	1/2	371.09	1/2	68.49	1/2		1/2	
3/4	2,414.92	3/4	2,072.19	3/4	1,729.45	3/4	1,386.72	3/4	1,044.18	3/4	703.88	3/4	364.29	3/4	62.71	3/4		3/4	
10	2,407.78	10	2,065.05	10	1,722.31	10	1,379.58	10	1,037.08	10	696.74	10	357.48	10	56.92	10		10	
1/4	2,400.64	1/4	2,057.91	1/4	1,715.17	1/4	1,372.44	1/4	1,030.00	1/4	689.60	1/4	350.76	1/4	51.67	1/4		1/4	
1/2	2,393.50	1/2	2,050.76	1/2	1,708.03	1/2	1,365.30	1/2	1,022.92	1/2	682.46	1/2	344.03	1/2	46.41	1/2		1/2	
3/4	2,386.36	3/4	2,043.62	3/4	1,700.89	3/4	1,358.16	3/4	1,015.83	3/4	675.32	3/4	337.31	3/4	41.15	3/4		3/4	
11	2,379.22	11	2,036.48	11	1,693.75	11	1,351.02	11	1,008.75	11	668.18	11	330.59	11	35.90	11		11	
1/4	2,372.08	1/4	2,029.34	1/4	1,686.61	1/4	1,343.88	1/4	1,001.67	1/4	661.04	1/4	323.95	1/4	32.04	1/4		1/4	
1/2	2,364.94	1/2	2,022.20	1/2	1,679.47	1/2	1,336.73	1/2	994.59	1/2	653.90	1/2	317.31	1/2	28.19	1/2		1/2	
3/4	2,357.80	3/4	2,015.06	3/4	1,672.33	3/4	1,329.59	3/4	987.51	3/4	646.76	3/4	310.67	3/4	24.34	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019



# BARGE "FMT 3300"

**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	5,026.80	0	4,742.28	0	4,401.65	0	4,060.18	0	3,717.99	0	3,375.87	0	3,033.78		
1/4		1/4		1/4		1/4	5,024.80	1/4	4,735.19	1/4	4,394.56	1/4	4,053.05	1/4	3,710.86	1/4	3,368.74	1/4	3,026.65		
1/2		1/2		1/2		1/2	5,022.79	1/2	4,728.09	1/2	4,387.46	1/2	4,045.93	1/2	3,703.73	1/2	3,361.62	1/2	3,019.52		
3/4		3/4		3/4		3/4	5,020.79	3/4	4,720.99	3/4	4,380.37	3/4	4,038.80	3/4	3,696.60	3/4	3,354.49	3/4	3,012.39		
1		1		1		1	5,018.79	1	4,713.90	1	4,373.27	1	4,031.67	1	3,689.48	1	3,347.36	1	3,005.27		
1/4		1/4		1/4		1/4	5,015.60	1/4	4,706.80	1/4	4,366.17	1/4	4,024.54	1/4	3,682.35	1/4	3,340.24	1/4	2,998.14		
1/2		1/2		1/2		1/2	5,012.41	1/2	4,699.70	1/2	4,359.08	1/2	4,017.41	1/2	3,675.22	1/2	3,333.11	1/2	2,991.01		
3/4		3/4		3/4		3/4	5,009.22	3/4	4,692.61	3/4	4,351.98	3/4	4,010.28	3/4	3,668.09	3/4	3,325.98	3/4	2,983.88		
2		2		2		2	5,006.03	2	4,685.51	2	4,344.88	2	4,003.15	2	3,660.96	2	3,318.86	2	2,976.75		
1/4		1/4		1/4		1/4	5,001.65	1/4	4,678.41	1/4	4,337.79	1/4	3,996.02	1/4	3,653.83	1/4	3,311.73	1/4	2,969.63		
1/2		1/2		1/2		1/2	4,997.28	1/2	4,671.32	1/2	4,330.69	1/2	3,988.89	1/2	3,646.70	1/2	3,304.60	1/2	2,962.50		
3/4		3/4		3/4		3/4	4,992.90	3/4	4,664.22	3/4	4,323.59	3/4	3,981.76	3/4	3,639.57	3/4	3,297.47	3/4	2,955.37		
3		3		3		3	4,988.52	3	4,657.13	3	4,316.50	3	3,974.64	3	3,632.44	3	3,290.35	3	2,948.24		
1/4		1/4		1/4		1/4	4,982.95	1/4	4,650.03	1/4	4,309.40	1/4	3,967.51	1/4	3,625.32	1/4	3,283.22	1/4	2,941.11		
1/2		1/2		1/2		1/2	4,977.39	1/2	4,642.93	1/2	4,302.31	1/2	3,960.38	1/2	3,618.19	1/2	3,276.09	1/2	2,933.98		
3/4		3/4		3/4		3/4	4,971.82	3/4	4,635.84	3/4	4,295.21	3/4	3,953.25	3/4	3,611.06	3/4	3,268.97	3/4	2,926.85		
4		4		4		4	4,966.25	4	4,628.74	4	4,288.11	4	3,946.12	4	3,603.94	4	3,261.84	4	2,919.72		
1/4		1/4		1/4		1/4	4,959.68	1/4	4,621.64	1/4	4,281.02	1/4	3,938.99	1/4	3,596.81	1/4	3,254.71	1/4	2,912.59		
1/2		1/2		1/2		1/2	4,953.11	1/2	4,614.55	1/2	4,273.92	1/2	3,931.86	1/2	3,589.68	1/2	3,247.59	1/2	2,905.46		
3/4		3/4		3/4		3/4	4,946.54	3/4	4,607.45	3/4	4,266.82	3/4	3,924.73	3/4	3,582.55	3/4	3,240.46	3/4	2,898.34		
5		5		5		5	4,939.97	5	4,600.35	5	4,259.73	5	3,917.60	5	3,575.43	5	3,233.33	5	2,891.21		
1/4		1/4		1/4		1/4	4,932.96	1/4	4,593.26	1/4	4,252.62	1/4	3,910.47	1/4	3,568.30	1/4	3,226.20	1/4	2,884.08		
1/2		1/2		1/2		1/2	4,925.95	1/2	4,586.16	1/2	4,245.50	1/2	3,903.35	1/2	3,561.17	1/2	3,219.08	1/2	2,876.95		
3/4		3/4		3/4		3/4	4,918.94	3/4	4,579.06	3/4	4,238.39	3/4	3,896.22	3/4	3,554.05	3/4	3,211.95	3/4	2,869.82		
6		6		6		6	4,911.93	6	4,571.97	6	4,231.28	6	3,889.09	6	3,546.92	6	3,204.82	6	2,862.69		
1/4		1/4		1/4		1/4	4,904.88	1/4	4,564.87	1/4	4,224.15	1/4	3,881.96	1/4	3,539.79	1/4	3,197.70	1/4	2,855.56		
1/2		1/2		1/2		1/2	4,897.84	1/2	4,557.78	1/2	4,217.02	1/2	3,874.83	1/2	3,532.67	1/2	3,190.57	1/2	2,848.43		
3/4		3/4		3/4		3/4	4,890.80	3/4	4,550.68	3/4	4,209.89	3/4	3,867.70	3/4	3,525.54	3/4	3,183.44	3/4	2,841.30		
7		7		7		7	4,883.75	7	4,543.58	7	4,202.76	7	3,860.57	7	3,518.41	7	3,176.32	7	2,834.18		
1/4		1/4		1/4		1/4	4,876.70	1/4	4,536.49	1/4	4,195.63	1/4	3,853.44	1/4	3,511.28	1/4	3,169.19	1/4	2,827.05		
1/2		1/2		1/2		1/2	4,869.65	1/2	4,529.39	1/2	4,188.51	1/2	3,846.31	1/2	3,504.16	1/2	3,162.06	1/2	2,819.92		
3/4		3/4		3/4		3/4	4,862.60	3/4	4,522.29	3/4	4,181.38	3/4	3,839.18	3/4	3,497.03	3/4	3,154.93	3/4	2,812.79		
8		8		8		8	4,855.55	8	4,515.20	8	4,174.25	8	3,832.06	8	3,489.90	8	3,147.81	8	2,805.66		
1/4		1/4		1/4		1/4	4,848.50	1/4	4,508.10	1/4	4,167.12	1/4	3,824.93	1/4	3,482.78	1/4	3,140.68	1/4	2,798.53		
1/2		1/2		1/2		1/2	4,841.45	1/2	4,501.00	1/2	4,159.99	1/2	3,817.80	1/2	3,475.65	1/2	3,133.55	1/2	2,791.40		
3/4		3/4		3/4		3/4	4,834.40	3/4	4,493.91	3/4	4,152.86	3/4	3,810.67	3/4	3,468.52	3/4	3,126.43	3/4	2,784.27		
9		9		9		9	4,827.34	9	4,486.81	9	4,145.73	9	3,803.54	9	3,461.40	9	3,119.30	9	2,777.14		
1/4		1/4		1/4		1/4	4,820.27	1/4	4,479.72	1/4	4,138.60	1/4	3,796.41	1/4	3,454.27	1/4	3,112.17	1/4	2,770.02		
1/2		1/2		1/2		1/2	4,813.20	1/2	4,472.62	1/2	4,131.47	1/2	3,789.28	1/2	3,447.14	1/2	3,105.05	1/2	2,762.89		
3/4		3/4		3/4		3/4	4,806.13	3/4	4,465.52	3/4	4,124.34	3/4	3,782.15	3/4	3,440.01	3/4	3,097.92	3/4	2,755.76		
10		10		10		10	4,799.05	10	4,458.43	10	4,117.22	10	3,775.02	10	3,432.89	10	3,090.79	10	2,748.63		
1/4		1/4		1/4		1/4	4,791.96	1/4	4,451.33	1/4	4,110.09	1/4	3,767.89	1/4	3,425.76	1/4	3,083.66	1/4	2,741.50		
1/2		1/2		1/2		1/2	4,784.86	1/2	4,444.23	1/2	4,102.96	1/2	3,760.77	1/2	3,418.63	1/2	3,076.54	1/2	2,734.37		
3/4		3/4		3/4		3/4	4,777.76	3/4	4,437.14	3/4	4,095.83	3/4	3,753.64	3/4	3,411.51	3/4	3,069.41	3/4	2,727.24		
11		11		11		11	4,770.67	11	4,430.04	11	4,088.70	11	3,746.51	11	3,404.38	11	3,062.28	11	2,720.11		
1/4		1/4		1/4		1/4	4,763.57	1/4	4,422.94	1/4	4,081.57	1/4	3,739.38	1/4	3,397.25	1/4	3,055.16	1/4	2,712.98		
1/2		1/2		1/2		1/2	5,028.65	1/2	4,756.47	1/2	4,415.85	1/2	4,074.44	1/2	3,732.25	1/2	3,390.13	1/2	3,048.03	1/2	2,705.86
3/4		3/4		3/4		3/4	5,027.72	3/4	4,749.38	3/4	4,408.75	3/4	4,067.31	3/4	3,725.12	3/4	3,383.00	3/4	3,040.90	3/4	2,698.73

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "FMT 3300"

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	2,691.60	0	2,349.40	0	2,007.19	0	1,664.97	0	1,322.76	0	980.61	0	638.64	0	303.52	0	20.45	0	
1/4	2,684.47	1/4	2,342.27	1/4	2,000.06	1/4	1,657.85	1/4	1,315.63	1/4	973.49	1/4	631.51	1/4	296.98	1/4	17.66	1/4	
1/2	2,677.34	1/2	2,335.14	1/2	1,992.93	1/2	1,650.72	1/2	1,308.50	1/2	966.37	1/2	624.38	1/2	290.43	1/2	14.87	1/2	
3/4	2,670.21	3/4	2,328.01	3/4	1,985.80	3/4	1,643.59	3/4	1,301.38	3/4	959.25	3/4	617.25	3/4	283.89	3/4	12.07	3/4	
1	2,663.08	1	2,320.88	1	1,978.67	1	1,636.46	1	1,294.25	1	952.13	1	610.12	1	277.34	1	9.28	1	
1/4	2,655.95	1/4	2,313.75	1/4	1,971.54	1/4	1,629.33	1/4	1,287.12	1/4	945.01	1/4	602.99	1/4	270.88	1/4	7.50	1/4	
1/2	2,648.82	1/2	2,306.62	1/2	1,964.41	1/2	1,622.20	1/2	1,279.99	1/2	937.88	1/2	595.86	1/2	264.42	1/2	5.72	1/2	
3/4	2,641.70	3/4	2,299.49	3/4	1,957.28	3/4	1,615.07	3/4	1,272.86	3/4	930.76	3/4	588.73	3/4	257.96	3/4	3.93	3/4	
2	2,634.57	2	2,292.36	2	1,950.15	2	1,607.94	2	1,265.73	2	923.64	2	581.61	2	251.49	2	2.15	2	
1/4	2,627.44	1/4	2,285.23	1/4	1,943.02	1/4	1,600.81	1/4	1,258.60	1/4	916.52	1/4	574.48	1/4	245.11	1/4		1/4	
1/2	2,620.31	1/2	2,278.10	1/2	1,935.89	1/2	1,593.68	1/2	1,251.47	1/2	909.40	1/2	567.35	1/2	238.74	1/2		1/2	
3/4	2,613.18	3/4	2,270.97	3/4	1,928.76	3/4	1,586.55	3/4	1,244.34	3/4	902.28	3/4	560.22	3/4	232.36	3/4		3/4	
3	2,606.06	3	2,263.84	3	1,921.63	3	1,579.42	3	1,237.21	3	895.16	3	553.09	3	225.98	3		3	
1/4	2,598.93	1/4	2,256.71	1/4	1,914.50	1/4	1,572.29	1/4	1,230.08	1/4	888.04	1/4	545.96	1/4	219.68	1/4		1/4	
1/2	2,591.80	1/2	2,249.59	1/2	1,907.37	1/2	1,565.16	1/2	1,222.95	1/2	880.92	1/2	538.83	1/2	213.39	1/2		1/2	
3/4	2,584.67	3/4	2,242.46	3/4	1,900.24	3/4	1,558.03	3/4	1,215.82	3/4	873.80	3/4	531.70	3/4	207.09	3/4		3/4	
4	2,577.54	4	2,235.33	4	1,893.12	4	1,550.90	4	1,208.69	4	866.68	4	524.57	4	200.80	4		4	
1/4	2,570.41	1/4	2,228.20	1/4	1,885.99	1/4	1,543.77	1/4	1,201.56	1/4	859.56	1/4	517.44	1/4	194.58	1/4		1/4	
1/2	2,563.28	1/2	2,221.07	1/2	1,878.86	1/2	1,536.65	1/2	1,194.43	1/2	852.44	1/2	510.31	1/2	188.37	1/2		1/2	
3/4	2,556.15	3/4	2,213.94	3/4	1,871.73	3/4	1,529.52	3/4	1,187.30	3/4	845.32	3/4	503.18	3/4	182.16	3/4		3/4	
5	2,549.02	5	2,206.81	5	1,864.60	5	1,522.39	5	1,180.18	5	838.20	5	496.05	5	175.95	5		5	
1/4	2,541.89	1/4	2,199.68	1/4	1,857.47	1/4	1,515.26	1/4	1,173.05	1/4	831.08	1/4	488.95	1/4	169.82	1/4		1/4	
1/2	2,534.76	1/2	2,192.55	1/2	1,850.34	1/2	1,508.13	1/2	1,165.92	1/2	823.96	1/2	481.84	1/2	163.69	1/2		1/2	
3/4	2,527.63	3/4	2,185.42	3/4	1,843.21	3/4	1,501.00	3/4	1,158.79	3/4	816.84	3/4	474.73	3/4	157.56	3/4		3/4	
6	2,520.50	6	2,178.29	6	1,836.08	6	1,493.87	6	1,151.66	6	809.72	6	467.62	6	151.43	6		6	
1/4	2,513.37	1/4	2,171.16	1/4	1,828.95	1/4	1,486.74	1/4	1,144.53	1/4	802.59	1/4	460.58	1/4	145.39	1/4		1/4	
1/2	2,506.24	1/2	2,164.03	1/2	1,821.82	1/2	1,479.61	1/2	1,137.40	1/2	795.47	1/2	453.53	1/2	139.34	1/2		1/2	
3/4	2,499.11	3/4	2,156.90	3/4	1,814.69	3/4	1,472.48	3/4	1,130.27	3/4	788.34	3/4	446.48	3/4	133.30	3/4		3/4	
7	2,491.99	7	2,149.77	7	1,807.56	7	1,465.35	7	1,123.14	7	781.22	7	439.44	7	127.25	7		7	
1/4	2,484.86	1/4	2,142.64	1/4	1,800.43	1/4	1,458.22	1/4	1,116.01	1/4	774.09	1/4	432.48	1/4	121.29	1/4		1/4	
1/2	2,477.73	1/2	2,135.52	1/2	1,793.30	1/2	1,451.09	1/2	1,108.88	1/2	766.96	1/2	425.51	1/2	115.33	1/2		1/2	
3/4	2,470.60	3/4	2,128.39	3/4	1,786.17	3/4	1,443.96	3/4	1,101.75	3/4	759.83	3/4	418.55	3/4	109.37	3/4		3/4	
8	2,463.47	8	2,121.26	8	1,779.05	8	1,436.83	8	1,094.62	8	752.71	8	411.59	8	103.41	8		8	
1/4	2,456.34	1/4	2,114.13	1/4	1,771.92	1/4	1,429.70	1/4	1,087.49	1/4	745.58	1/4	404.71	1/4	97.53	1/4		1/4	
1/2	2,449.21	1/2	2,107.00	1/2	1,764.79	1/2	1,422.58	1/2	1,080.36	1/2	738.45	1/2	397.83	1/2	91.66	1/2		1/2	
3/4	2,442.08	3/4	2,099.87	3/4	1,757.66	3/4	1,415.45	3/4	1,073.23	3/4	731.32	3/4	390.95	3/4	85.79	3/4		3/4	
9	2,434.95	9	2,092.74	9	1,750.53	9	1,408.32	9	1,066.11	9	724.19	9	384.07	9	79.91	9		9	
1/4	2,427.82	1/4	2,085.61	1/4	1,743.40	1/4	1,401.19	1/4	1,058.98	1/4	717.06	1/4	377.28	1/4	74.14	1/4		1/4	
1/2	2,420.69	1/2	2,078.48	1/2	1,736.27	1/2	1,394.06	1/2	1,051.85	1/2	709.93	1/2	370.48	1/2	68.37	1/2		1/2	
3/4	2,413.56	3/4	2,071.35	3/4	1,729.14	3/4	1,386.93	3/4	1,044.72	3/4	702.80	3/4	363.69	3/4	62.60	3/4		3/4	
10	2,406.43	10	2,064.22	10	1,722.01	10	1,379.80	10	1,037.59	10	695.67	10	356.89	10	56.83	10		10	
1/4	2,399.30	1/4	2,057.09	1/4	1,714.88	1/4	1,372.67	1/4	1,030.46	1/4	688.54	1/4	350.18	1/4	51.58	1/4		1/4	
1/2	2,392.17	1/2	2,049.96	1/2	1,707.75	1/2	1,365.54	1/2	1,023.34	1/2	681.41	1/2	343.47	1/2	46.33	1/2		1/2	
3/4	2,385.04	3/4	2,042.83	3/4	1,700.62	3/4	1,358.41	3/4	1,016.21	3/4	674.28	3/4	336.75	3/4	41.08	3/4		3/4	
11	2,377.91	11	2,035.70	11	1,693.49	11	1,351.28	11	1,009.09	11	667.16	11	330.04	11	35.84	11		11	
1/4	2,370.79	1/4	2,028.57	1/4	1,686.36	1/4	1,344.15	1/4	1,001.97	1/4	660.03	1/4	323.41	1/4	31.99	1/4		1/4	
1/2	2,363.66	1/2	2,021.44	1/2	1,679.23	1/2	1,337.02	1/2	994.85	1/2	652.90	1/2	316.78	1/2	28.14	1/2		1/2	
3/4	2,356.53	3/4	2,014.32	3/4	1,672.10	3/4	1,329.89	3/4	987.73	3/4	645.77	3/4	310.15	3/4	24.30	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
 CALCULATED: 07/26/2019 CL  
 PRINTED: 07/27/2019 SW

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2019





# BARGE "FMT 3300"

## 2 PORT ULLAGE TABLE

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	5,094.96	0	4,809.26	0	4,467.20	0	4,124.29	0	3,780.67	0	3,437.05	0	3,093.42		
1/4		1/4		1/4		1/4	5,092.95	1/4	4,802.14	1/4	4,460.08	1/4	4,117.13	1/4	3,773.51	1/4	3,429.89	1/4	3,086.26		
1/2		1/2		1/2		1/2	5,090.94	1/2	4,795.01	1/2	4,452.95	1/2	4,109.97	1/2	3,766.35	1/2	3,422.73	1/2	3,079.11		
3/4		3/4		3/4		3/4	5,088.93	3/4	4,787.88	3/4	4,445.83	3/4	4,102.81	3/4	3,759.19	3/4	3,415.57	3/4	3,071.95		
1		1		1		1	5,086.92	1	4,780.76	1	4,438.70	1	4,095.66	1	3,752.03	1	3,408.41	1	3,064.79		
1/4		1/4		1/4		1/4	5,083.72	1/4	4,773.63	1/4	4,431.57	1/4	4,088.50	1/4	3,744.87	1/4	3,401.25	1/4	3,057.63		
1/2		1/2		1/2		1/2	5,080.52	1/2	4,766.50	1/2	4,424.45	1/2	4,081.34	1/2	3,737.72	1/2	3,394.09	1/2	3,050.48		
3/4		3/4		3/4		3/4	5,077.32	3/4	4,759.38	3/4	4,417.32	3/4	4,074.18	3/4	3,730.56	3/4	3,386.93	3/4	3,043.32		
2		2		2		2	5,074.11	2	4,752.25	2	4,410.19	2	4,067.02	2	3,723.40	2	3,379.78	2	3,036.16		
1/4		1/4		1/4		1/4	5,069.72	1/4	4,745.13	1/4	4,403.07	1/4	4,059.86	1/4	3,716.24	1/4	3,372.62	1/4	3,029.00		
1/2		1/2		1/2		1/2	5,065.32	1/2	4,738.00	1/2	4,395.94	1/2	4,052.70	1/2	3,709.08	1/2	3,365.46	1/2	3,021.84		
3/4		3/4		3/4		3/4	5,060.93	3/4	4,730.87	3/4	4,388.82	3/4	4,045.54	3/4	3,701.92	3/4	3,358.30	3/4	3,014.68		
3		3		3		3	5,056.53	3	4,723.75	3	4,381.69	3	4,038.39	3	3,694.76	3	3,351.14	3	3,007.52		
1/4		1/4		1/4		1/4	5,050.94	1/4	4,716.62	1/4	4,374.56	1/4	4,031.23	1/4	3,687.60	1/4	3,343.98	1/4	3,000.36		
1/2		1/2		1/2		1/2	5,045.35	1/2	4,709.50	1/2	4,367.44	1/2	4,024.07	1/2	3,680.45	1/2	3,336.82	1/2	2,993.20		
3/4		3/4		3/4		3/4	5,039.76	3/4	4,702.37	3/4	4,360.31	3/4	4,016.91	3/4	3,673.29	3/4	3,329.66	3/4	2,986.04		
4		4		4		4	5,034.17	4	4,695.24	4	4,353.19	4	4,009.75	4	3,666.13	4	3,322.51	4	2,978.87		
1/4		1/4		1/4		1/4	5,027.57	1/4	4,688.12	1/4	4,346.06	1/4	4,002.59	1/4	3,658.97	1/4	3,315.35	1/4	2,971.71		
1/2		1/2		1/2		1/2	5,020.97	1/2	4,680.99	1/2	4,338.93	1/2	3,995.43	1/2	3,651.81	1/2	3,308.19	1/2	2,964.55		
3/4		3/4		3/4		3/4	5,014.38	3/4	4,673.86	3/4	4,331.81	3/4	3,988.27	3/4	3,644.65	3/4	3,301.03	3/4	2,957.39		
5		5		5		5	5,007.78	5	4,666.74	5	4,324.68	5	3,981.11	5	3,637.49	5	3,293.87	5	2,950.23		
1/4		1/4		1/4		1/4	5,000.74	1/4	4,659.61	1/4	4,317.54	1/4	3,973.96	1/4	3,630.33	1/4	3,286.71	1/4	2,943.07		
1/2		1/2		1/2		1/2	4,993.70	1/2	4,652.49	1/2	4,310.39	1/2	3,966.80	1/2	3,623.17	1/2	3,279.55	1/2	2,935.91		
3/4		3/4		3/4		3/4	4,986.66	3/4	4,645.36	3/4	4,303.25	3/4	3,959.64	3/4	3,616.02	3/4	3,272.39	3/4	2,928.75		
6		6		6		6	4,979.62	6	4,638.23	6	4,296.10	6	3,952.48	6	3,608.86	6	3,265.23	6	2,921.59		
1/4		1/4		1/4		1/4	4,972.55	1/4	4,631.11	1/4	4,288.94	1/4	3,945.32	1/4	3,601.70	1/4	3,258.08	1/4	2,914.43		
1/2		1/2		1/2		1/2	4,965.47	1/2	4,623.98	1/2	4,281.78	1/2	3,938.16	1/2	3,594.54	1/2	3,250.92	1/2	2,907.27		
3/4		3/4		3/4		3/4	4,958.40	3/4	4,616.85	3/4	4,274.63	3/4	3,931.00	3/4	3,587.38	3/4	3,243.76	3/4	2,900.10		
7		7		7		7	4,951.33	7	4,609.73	7	4,267.47	7	3,923.84	7	3,580.22	7	3,236.60	7	2,892.94		
1/4		1/4		1/4		1/4	4,944.25	1/4	4,602.60	1/4	4,260.31	1/4	3,916.69	1/4	3,573.06	1/4	3,229.44	1/4	2,885.78		
1/2		1/2		1/2		1/2	4,937.17	1/2	4,595.48	1/2	4,253.15	1/2	3,909.53	1/2	3,565.90	1/2	3,222.28	1/2	2,878.62		
3/4		3/4		3/4		3/4	4,930.09	3/4	4,588.35	3/4	4,245.99	3/4	3,902.37	3/4	3,558.75	3/4	3,215.12	3/4	2,871.46		
8		8		8		8	4,923.01	8	4,581.22	8	4,238.83	8	3,895.21	8	3,551.59	8	3,207.96	8	2,864.30		
1/4		1/4		1/4		1/4	4,915.93	1/4	4,574.10	1/4	4,231.67	1/4	3,888.05	1/4	3,544.43	1/4	3,200.81	1/4	2,857.14		
1/2		1/2		1/2		1/2	4,908.85	1/2	4,566.97	1/2	4,224.51	1/2	3,880.89	1/2	3,537.27	1/2	3,193.65	1/2	2,849.98		
3/4		3/4		3/4		3/4	4,901.77	3/4	4,559.85	3/4	4,217.36	3/4	3,873.73	3/4	3,530.11	3/4	3,186.49	3/4	2,842.82		
9		9		9		9	4,894.68	9	4,552.72	9	4,210.20	9	3,866.57	9	3,522.95	9	3,179.33	9	2,835.66		
1/4		1/4		1/4		1/4	4,887.58	1/4	4,545.59	1/4	4,203.04	1/4	3,859.42	1/4	3,515.79	1/4	3,172.17	1/4	2,828.50		
1/2		1/2		1/2		1/2	4,880.48	1/2	4,538.47	1/2	4,195.88	1/2	3,852.26	1/2	3,508.63	1/2	3,165.01	1/2	2,821.33		
3/4		3/4		3/4		3/4	4,873.37	3/4	4,531.34	3/4	4,188.72	3/4	3,845.10	3/4	3,501.48	3/4	3,157.85	3/4	2,814.17		
10		10		10		10	4,866.27	10	4,524.21	10	4,181.56	10	3,837.94	10	3,494.32	10	3,150.69	10	2,807.01		
1/4		1/4		1/4		1/4	4,859.15	1/4	4,517.09	1/4	4,174.40	1/4	3,830.78	1/4	3,487.16	1/4	3,143.54	1/4	2,799.85		
1/2		1/2		1/2		1/2	4,852.02	1/2	4,509.96	1/2	4,167.24	1/2	3,823.62	1/2	3,480.00	1/2	3,136.38	1/2	2,792.69		
3/4		3/4		3/4		3/4	4,844.89	3/4	4,502.84	3/4	4,160.08	3/4	3,816.46	3/4	3,472.84	3/4	3,129.22	3/4	2,785.53		
11		11		11		11	4,837.77	11	4,495.71	11	4,152.93	11	3,809.30	11	3,465.68	11	3,122.06	11	2,778.37		
1/4		1/4		1/4		1/4	4,830.64	1/4	4,488.58	1/4	4,145.77	1/4	3,802.14	1/4	3,458.52	1/4	3,114.90	1/4	2,771.21		
1/2		1/2		1/2		1/2	5,096.82	1/2	4,823.51	1/2	4,481.46	1/2	4,138.61	1/2	3,794.99	1/2	3,451.36	1/2	3,107.74	1/2	2,764.05
3/4		3/4		3/4		3/4	5,095.89	3/4	4,816.39	3/4	4,474.33	3/4	4,131.45	3/4	3,787.83	3/4	3,444.20	3/4	3,100.58	3/4	2,756.89

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  
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# BARGE "FMT 3300"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,749.73	0	2,406.00	0	2,062.28	0	1,718.56	0	1,374.83	0	1,035.29	0	701.91	0	358.20	0	23.64	0	
1/4	2,742.56	1/4	2,398.84	1/4	2,055.12	1/4	1,711.40	1/4	1,367.67	1/4	1,028.43	1/4	694.75	1/4	351.04	1/4	20.06	1/4	
1/2	2,735.40	1/2	2,391.68	1/2	2,047.96	1/2	1,704.23	1/2	1,360.51	1/2	1,021.58	1/2	687.59	1/2	343.88	1/2	16.48	1/2	
3/4	2,728.24	3/4	2,384.52	3/4	2,040.80	3/4	1,697.07	3/4	1,353.35	3/4	1,014.73	3/4	680.43	3/4	336.72	3/4	12.90	3/4	
1	2,721.08	1	2,377.36	1	2,033.64	1	1,689.91	1	1,346.19	1	1,007.88	1	673.27	1	329.56	1	9.32	1	
1/4	2,713.92	1/4	2,370.20	1/4	2,026.47	1/4	1,682.75	1/4	1,339.03	1/4	1,001.02	1/4	666.11	1/4	322.40	1/4	7.53	1/4	
1/2	2,706.76	1/2	2,363.04	1/2	2,019.31	1/2	1,675.59	1/2	1,331.87	1/2	994.17	1/2	658.95	1/2	315.24	1/2	5.74	1/2	
3/4	2,699.60	3/4	2,355.88	3/4	2,012.15	3/4	1,668.43	3/4	1,324.71	3/4	987.32	3/4	651.79	3/4	308.08	3/4	3.95	3/4	
2	2,692.44	2	2,348.72	2	2,004.99	2	1,661.27	2	1,317.55	2	980.47	2	644.63	2	300.92	2	2.16	2	
1/4	2,685.28	1/4	2,341.55	1/4	1,997.83	1/4	1,654.11	1/4	1,310.38	1/4	973.61	1/4	637.47	1/4	293.76	1/4		1/4	
1/2	2,678.12	1/2	2,334.39	1/2	1,990.67	1/2	1,646.95	1/2	1,303.22	1/2	966.76	1/2	630.30	1/2	286.60	1/2		1/2	
3/4	2,670.96	3/4	2,327.23	3/4	1,983.51	3/4	1,639.79	3/4	1,296.06	3/4	959.91	3/4	623.14	3/4	279.44	3/4		3/4	
3	2,663.79	3	2,320.07	3	1,976.35	3	1,632.63	3	1,288.90	3	953.05	3	615.98	3	272.27	3		3	
1/4	2,656.63	1/4	2,312.91	1/4	1,969.19	1/4	1,625.46	1/4	1,281.74	1/4	946.20	1/4	608.82	1/4	265.11	1/4		1/4	
1/2	2,649.47	1/2	2,305.75	1/2	1,962.03	1/2	1,618.30	1/2	1,274.58	1/2	939.35	1/2	601.66	1/2	257.95	1/2		1/2	
3/4	2,642.31	3/4	2,298.59	3/4	1,954.87	3/4	1,611.14	3/4	1,267.42	3/4	932.50	3/4	594.50	3/4	250.79	3/4		3/4	
4	2,635.15	4	2,291.43	4	1,947.70	4	1,603.98	4	1,260.26	4	925.64	4	587.34	4	243.63	4		4	
1/4	2,627.99	1/4	2,284.27	1/4	1,940.54	1/4	1,596.82	1/4	1,253.10	1/4	918.79	1/4	580.18	1/4	236.47	1/4		1/4	
1/2	2,620.83	1/2	2,277.11	1/2	1,933.38	1/2	1,589.66	1/2	1,245.94	1/2	911.94	1/2	573.02	1/2	229.31	1/2		1/2	
3/4	2,613.67	3/4	2,269.95	3/4	1,926.22	3/4	1,582.50	3/4	1,238.78	3/4	905.08	3/4	565.86	3/4	222.15	3/4		3/4	
5	2,606.51	5	2,262.78	5	1,919.06	5	1,575.34	5	1,231.61	5	898.23	5	558.70	5	214.99	5		5	
1/4	2,599.35	1/4	2,255.62	1/4	1,911.90	1/4	1,568.18	1/4	1,224.45	1/4	891.38	1/4	551.54	1/4	207.83	1/4		1/4	
1/2	2,592.19	1/2	2,248.46	1/2	1,904.74	1/2	1,561.02	1/2	1,217.29	1/2	884.53	1/2	544.38	1/2	200.67	1/2		1/2	
3/4	2,585.02	3/4	2,241.30	3/4	1,897.58	3/4	1,553.86	3/4	1,210.13	3/4	877.67	3/4	537.22	3/4	193.51	3/4		3/4	
6	2,577.86	6	2,234.14	6	1,890.42	6	1,546.69	6	1,202.97	6	870.82	6	530.06	6	186.35	6		6	
1/4	2,570.70	1/4	2,226.98	1/4	1,883.26	1/4	1,539.53	1/4	1,195.81	1/4	863.96	1/4	522.90	1/4	179.19	1/4		1/4	
1/2	2,563.54	1/2	2,219.82	1/2	1,876.10	1/2	1,532.37	1/2	1,188.65	1/2	857.11	1/2	515.73	1/2	172.03	1/2		1/2	
3/4	2,556.38	3/4	2,212.66	3/4	1,868.93	3/4	1,525.21	3/4	1,181.49	3/4	850.25	3/4	508.57	3/4	164.87	3/4		3/4	
7	2,549.22	7	2,205.50	7	1,861.77	7	1,518.05	7	1,174.33	7	843.39	7	501.41	7	157.70	7		7	
1/4	2,542.06	1/4	2,198.34	1/4	1,854.61	1/4	1,510.89	1/4	1,167.17	1/4	836.53	1/4	494.25	1/4	150.54	1/4		1/4	
1/2	2,534.90	1/2	2,191.18	1/2	1,847.45	1/2	1,503.73	1/2	1,160.01	1/2	829.66	1/2	487.09	1/2	143.38	1/2		1/2	
3/4	2,527.74	3/4	2,184.01	3/4	1,840.29	3/4	1,496.57	3/4	1,152.84	3/4	822.79	3/4	479.93	3/4	136.22	3/4		3/4	
8	2,520.58	8	2,176.85	8	1,833.13	8	1,489.41	8	1,145.68	8	815.92	8	472.77	8	129.06	8		8	
1/4	2,513.42	1/4	2,169.69	1/4	1,825.97	1/4	1,482.25	1/4	1,138.66	1/4	808.90	1/4	465.61	1/4	121.91	1/4		1/4	
1/2	2,506.26	1/2	2,162.53	1/2	1,818.81	1/2	1,475.09	1/2	1,131.65	1/2	801.88	1/2	458.45	1/2	114.76	1/2		1/2	
3/4	2,499.09	3/4	2,155.37	3/4	1,811.65	3/4	1,467.92	3/4	1,124.63	3/4	794.86	3/4	451.29	3/4	107.60	3/4		3/4	
9	2,491.93	9	2,148.21	9	1,804.49	9	1,460.76	9	1,117.61	9	787.84	9	444.13	9	100.45	9		9	
1/4	2,484.77	1/4	2,141.05	1/4	1,797.33	1/4	1,453.60	1/4	1,110.74	1/4	780.68	1/4	436.97	1/4	93.31	1/4		1/4	
1/2	2,477.61	1/2	2,133.89	1/2	1,790.17	1/2	1,446.44	1/2	1,103.87	1/2	773.52	1/2	429.81	1/2	86.17	1/2		1/2	
3/4	2,470.45	3/4	2,126.73	3/4	1,783.00	3/4	1,439.28	3/4	1,097.00	3/4	766.36	3/4	422.65	3/4	79.03	3/4		3/4	
10	2,463.29	10	2,119.57	10	1,775.84	10	1,432.12	10	1,090.13	10	759.20	10	415.49	10	71.90	10		10	
1/4	2,456.13	1/4	2,112.41	1/4	1,768.68	1/4	1,424.96	1/4	1,083.27	1/4	752.03	1/4	408.33	1/4	65.20	1/4		1/4	
1/2	2,448.97	1/2	2,105.24	1/2	1,761.52	1/2	1,417.80	1/2	1,076.41	1/2	744.87	1/2	401.17	1/2	58.51	1/2		1/2	
3/4	2,441.81	3/4	2,098.08	3/4	1,754.36	3/4	1,410.64	3/4	1,069.56	3/4	737.71	3/4	394.00	3/4	51.82	3/4		3/4	
11	2,434.65	11	2,090.92	11	1,747.20	11	1,403.48	11	1,062.70	11	730.55	11	386.84	11	45.12	11		11	
1/4	2,427.49	1/4	2,083.76	1/4	1,740.04	1/4	1,396.32	1/4	1,055.85	1/4	723.39	1/4	379.68	1/4	39.75	1/4		1/4	
1/2	2,420.32	1/2	2,076.60	1/2	1,732.88	1/2	1,389.15	1/2	1,048.99	1/2	716.23	1/2	372.52	1/2	34.38	1/2		1/2	
3/4	2,413.16	3/4	2,069.44	3/4	1,725.72	3/4	1,381.99	3/4	1,042.14	3/4	709.07	3/4	365.36	3/4	29.01	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
 CALCULATED: 07/26/2019 CL  
 PRINTED: 07/27/2019 SW

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2019

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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# BARGE "FMT 3300"

## 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	5,095.77	0	4,810.74	0	4,469.50	0	4,127.41	0	3,784.61	0	3,441.87	0	3,099.16		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,093.77	1/4	4,803.63	1/4	4,462.39	1/4	4,120.27	1/4	3,777.47	1/4	3,434.73	1/4	3,092.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,091.76	1/2	4,796.52	1/2	4,455.28	1/2	4,113.13	1/2	3,770.32	1/2	3,427.59	1/2	3,084.88		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,089.76	3/4	4,789.41	3/4	4,448.17	3/4	4,105.99	3/4	3,763.18	3/4	3,420.45	3/4	3,077.74		
1		1		1		1	5,087.75	1	4,782.30	1	4,441.06	1	4,098.85	1	3,756.04	1	3,413.31	1	3,070.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,084.56	1/4	4,775.19	1/4	4,433.95	1/4	4,091.70	1/4	3,748.90	1/4	3,406.17	1/4	3,063.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,081.36	1/2	4,768.08	1/2	4,426.84	1/2	4,084.56	1/2	3,741.76	1/2	3,399.03	1/2	3,056.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,078.16	3/4	4,760.97	3/4	4,419.73	3/4	4,077.42	3/4	3,734.61	3/4	3,391.89	3/4	3,049.18		
2		2		2		2	5,074.97	2	4,753.86	2	4,412.63	2	4,070.28	2	3,727.47	2	3,384.75	2	3,042.05		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,070.58	1/4	4,746.75	1/4	4,405.52	1/4	4,063.14	1/4	3,720.33	1/4	3,377.61	1/4	3,034.90		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,066.20	1/2	4,739.64	1/2	4,398.41	1/2	4,056.00	1/2	3,713.19	1/2	3,370.47	1/2	3,027.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,061.81	3/4	4,732.53	3/4	4,391.30	3/4	4,048.85	3/4	3,706.05	3/4	3,363.33	3/4	3,020.62		
3		3		3		3	5,057.42	3	4,725.43	3	4,384.19	3	4,041.71	3	3,698.91	3	3,356.19	3	3,013.48		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,051.85	1/4	4,718.32	1/4	4,377.08	1/4	4,034.57	1/4	3,691.77	1/4	3,349.05	1/4	3,006.34		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,046.27	1/2	4,711.21	1/2	4,369.97	1/2	4,027.43	1/2	3,684.63	1/2	3,341.91	1/2	2,999.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,040.69	3/4	4,704.10	3/4	4,362.86	3/4	4,020.29	3/4	3,677.48	3/4	3,334.77	3/4	2,992.05		
4		4		4		4	5,035.12	4	4,696.99	4	4,355.75	4	4,013.14	4	3,670.34	4	3,327.63	4	2,984.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,028.53	1/4	4,689.88	1/4	4,348.64	1/4	4,006.00	1/4	3,663.20	1/4	3,320.49	1/4	2,977.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,021.95	1/2	4,682.77	1/2	4,341.53	1/2	3,998.86	1/2	3,656.07	1/2	3,313.35	1/2	2,970.63		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,015.37	3/4	4,675.66	3/4	4,334.43	3/4	3,991.72	3/4	3,648.93	3/4	3,306.21	3/4	2,963.49		
5		5		5		5	5,008.78	5	4,668.55	5	4,327.32	5	3,984.58	5	3,641.79	5	3,299.08	5	2,956.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,001.76	1/4	4,661.44	1/4	4,320.19	1/4	3,977.44	1/4	3,634.65	1/4	3,291.94	1/4	2,949.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,994.74	1/2	4,654.33	1/2	4,313.07	1/2	3,970.29	1/2	3,627.51	1/2	3,284.80	1/2	2,942.06		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,987.72	3/4	4,647.23	3/4	4,305.94	3/4	3,963.15	3/4	3,620.37	3/4	3,277.66	3/4	2,934.92		
6		6		6		6	4,980.69	6	4,640.12	6	4,298.82	6	3,956.01	6	3,613.23	6	3,270.52	6	2,927.78		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,973.64	1/4	4,633.01	1/4	4,291.67	1/4	3,948.87	1/4	3,606.09	1/4	3,263.38	1/4	2,920.63		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,966.58	1/2	4,625.90	1/2	4,284.53	1/2	3,941.73	1/2	3,598.95	1/2	3,256.24	1/2	2,913.49		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,959.52	3/4	4,618.79	3/4	4,277.39	3/4	3,934.58	3/4	3,591.81	3/4	3,249.10	3/4	2,906.35		
7		7		7		7	4,952.47	7	4,611.68	7	4,270.25	7	3,927.44	7	3,584.67	7	3,241.96	7	2,899.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,945.41	1/4	4,604.57	1/4	4,263.11	1/4	3,920.30	1/4	3,577.53	1/4	3,234.82	1/4	2,892.07		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,938.34	1/2	4,597.46	1/2	4,255.97	1/2	3,913.16	1/2	3,570.39	1/2	3,227.68	1/2	2,884.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,931.28	3/4	4,590.35	3/4	4,248.82	3/4	3,906.02	3/4	3,563.25	3/4	3,220.54	3/4	2,877.78		
8		8		8		8	4,924.22	8	4,583.24	8	4,241.68	8	3,898.88	8	3,556.11	8	3,213.40	8	2,870.64		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,917.15	1/4	4,576.13	1/4	4,234.54	1/4	3,891.73	1/4	3,548.97	1/4	3,206.26	1/4	2,863.50		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,910.09	1/2	4,569.03	1/2	4,227.40	1/2	3,884.59	1/2	3,541.83	1/2	3,199.12	1/2	2,856.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,903.02	3/4	4,561.92	3/4	4,220.26	3/4	3,877.45	3/4	3,534.69	3/4	3,191.98	3/4	2,849.22		
9		9		9		9	4,895.96	9	4,554.81	9	4,213.12	9	3,870.31	9	3,527.55	9	3,184.84	9	2,842.07		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,888.87	1/4	4,547.70	1/4	4,205.97	1/4	3,863.17	1/4	3,520.41	1/4	3,177.70	1/4	2,834.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,881.78	1/2	4,540.59	1/2	4,198.83	1/2	3,856.03	1/2	3,513.27	1/2	3,170.56	1/2	2,827.79		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,874.70	3/4	4,533.48	3/4	4,191.69	3/4	3,848.88	3/4	3,506.13	3/4	3,163.42	3/4	2,820.65		
10		10		10		10	4,867.61	10	4,526.37	10	4,184.55	10	3,841.74	10	3,498.99	10	3,156.28	10	2,813.51		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,860.50	1/4	4,519.26	1/4	4,177.41	1/4	3,834.60	1/4	3,491.85	1/4	3,149.14	1/4	2,806.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,853.39	1/2	4,512.15	1/2	4,170.26	1/2	3,827.46	1/2	3,484.71	1/2	3,142.00	1/2	2,799.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,846.28	3/4	4,505.04	3/4	4,163.12	3/4	3,820.32	3/4	3,477.57	3/4	3,134.86	3/4	2,792.08		
11		11		11		11	4,839.17	11	4,497.93	11	4,155.98	11	3,813.17	11	3,470.43	11	3,127.72	11	2,784.94		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,832.06	1/4	4,490.83	1/4	4,148.84	1/4	3,806.03	1/4	3,463.29	1/4	3,120.58	1/4	2,777.80		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,097.63	1/2	4,824.95	1/2	4,483.72	1/2	4,141.70	1/2	3,798.89	1/2	3,456.15	1/2	3,113.44	1/2	2,770.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,096.70	3/4	4,817.84	3/4	4,476.61	3/4	4,134.56	3/4	3,791.75	3/4	3,449.01	3/4	3,106.30	3/4	2,763.51

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "FMT 3300"

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	2,756.37	0	2,413.57	0	2,070.76	0	1,727.95	0	1,385.15	0	1,042.45	0	700.04	0	357.24	0	23.58	0	
1/4	2,749.23	1/4	2,406.42	1/4	2,063.62	1/4	1,720.81	1/4	1,378.01	1/4	1,035.32	1/4	692.89	1/4	350.10	1/4	20.00	1/4	
1/2	2,742.09	1/2	2,399.28	1/2	2,056.48	1/2	1,713.67	1/2	1,370.86	1/2	1,028.19	1/2	685.75	1/2	342.96	1/2	16.43	1/2	
3/4	2,734.95	3/4	2,392.14	3/4	2,049.33	3/4	1,706.53	3/4	1,363.72	3/4	1,021.06	3/4	678.61	3/4	335.82	3/4	12.86	3/4	
1	2,727.81	1	2,385.00	1	2,042.19	1	1,699.39	1	1,356.58	1	1,013.94	1	671.47	1	328.68	1	9.29	1	
1/4	2,720.66	1/4	2,377.86	1/4	2,035.05	1/4	1,692.24	1/4	1,349.44	1/4	1,006.81	1/4	664.33	1/4	321.54	1/4	7.51	1/4	
1/2	2,713.52	1/2	2,370.72	1/2	2,027.91	1/2	1,685.10	1/2	1,342.30	1/2	999.68	1/2	657.19	1/2	314.39	1/2	5.72	1/2	
3/4	2,706.38	3/4	2,363.57	3/4	2,020.77	3/4	1,677.96	3/4	1,335.15	3/4	992.55	3/4	650.04	3/4	307.25	3/4	3.94	3/4	
2	2,699.24	2	2,356.43	2	2,013.63	2	1,670.82	2	1,328.01	2	985.43	2	642.90	2	300.11	2	2.15	2	
1/4	2,692.10	1/4	2,349.29	1/4	2,006.48	1/4	1,663.68	1/4	1,320.87	1/4	978.30	1/4	635.76	1/4	292.97	1/4		1/4	
1/2	2,684.96	1/2	2,342.15	1/2	1,999.34	1/2	1,656.54	1/2	1,313.73	1/2	971.17	1/2	628.62	1/2	285.83	1/2		1/2	
3/4	2,677.81	3/4	2,335.01	3/4	1,992.20	3/4	1,649.39	3/4	1,306.59	3/4	964.04	3/4	621.48	3/4	278.69	3/4		3/4	
3	2,670.67	3	2,327.87	3	1,985.06	3	1,642.25	3	1,299.45	3	956.92	3	614.34	3	271.55	3		3	
1/4	2,663.53	1/4	2,320.72	1/4	1,977.92	1/4	1,635.11	1/4	1,292.30	1/4	949.79	1/4	607.20	1/4	264.40	1/4		1/4	
1/2	2,656.39	1/2	2,313.58	1/2	1,970.78	1/2	1,627.97	1/2	1,285.16	1/2	942.66	1/2	600.05	1/2	257.26	1/2		1/2	
3/4	2,649.25	3/4	2,306.44	3/4	1,963.63	3/4	1,620.83	3/4	1,278.02	3/4	935.53	3/4	592.91	3/4	250.12	3/4		3/4	
4	2,642.10	4	2,299.30	4	1,956.49	4	1,613.69	4	1,270.88	4	928.40	4	585.77	4	242.98	4		4	
1/4	2,634.96	1/4	2,292.16	1/4	1,949.35	1/4	1,606.54	1/4	1,263.74	1/4	921.28	1/4	578.63	1/4	235.84	1/4		1/4	
1/2	2,627.82	1/2	2,285.01	1/2	1,942.21	1/2	1,599.40	1/2	1,256.60	1/2	914.15	1/2	571.49	1/2	228.70	1/2		1/2	
3/4	2,620.68	3/4	2,277.87	3/4	1,935.07	3/4	1,592.26	3/4	1,249.45	3/4	907.02	3/4	564.35	3/4	221.55	3/4		3/4	
5	2,613.54	5	2,270.73	5	1,927.92	5	1,585.12	5	1,242.31	5	899.89	5	557.21	5	214.41	5		5	
1/4	2,606.40	1/4	2,263.59	1/4	1,920.78	1/4	1,577.98	1/4	1,235.17	1/4	892.77	1/4	550.06	1/4	207.27	1/4		1/4	
1/2	2,599.25	1/2	2,256.45	1/2	1,913.64	1/2	1,570.83	1/2	1,228.03	1/2	885.64	1/2	542.92	1/2	200.13	1/2		1/2	
3/4	2,592.11	3/4	2,249.31	3/4	1,906.50	3/4	1,563.69	3/4	1,220.89	3/4	878.51	3/4	535.78	3/4	192.99	3/4		3/4	
6	2,584.97	6	2,242.16	6	1,899.36	6	1,556.55	6	1,213.74	6	871.38	6	528.64	6	185.85	6		6	
1/4	2,577.83	1/4	2,235.02	1/4	1,892.22	1/4	1,549.41	1/4	1,206.60	1/4	864.25	1/4	521.50	1/4	178.71	1/4		1/4	
1/2	2,570.69	1/2	2,227.88	1/2	1,885.07	1/2	1,542.27	1/2	1,199.46	1/2	857.12	1/2	514.36	1/2	171.56	1/2		1/2	
3/4	2,563.54	3/4	2,220.74	3/4	1,877.93	3/4	1,535.13	3/4	1,192.32	3/4	849.99	3/4	507.21	3/4	164.42	3/4		3/4	
7	2,556.40	7	2,213.60	7	1,870.79	7	1,527.98	7	1,185.18	7	842.86	7	500.07	7	157.28	7		7	
1/4	2,549.26	1/4	2,206.45	1/4	1,863.65	1/4	1,520.84	1/4	1,178.04	1/4	835.72	1/4	492.93	1/4	150.14	1/4		1/4	
1/2	2,542.12	1/2	2,199.31	1/2	1,856.51	1/2	1,513.70	1/2	1,170.89	1/2	828.58	1/2	485.79	1/2	143.00	1/2		1/2	
3/4	2,534.98	3/4	2,192.17	3/4	1,849.36	3/4	1,506.56	3/4	1,163.75	3/4	821.44	3/4	478.65	3/4	135.86	3/4		3/4	
8	2,527.84	8	2,185.03	8	1,842.22	8	1,499.42	8	1,156.61	8	814.30	8	471.51	8	128.72	8		8	
1/4	2,520.69	1/4	2,177.89	1/4	1,835.08	1/4	1,492.27	1/4	1,149.47	1/4	807.16	1/4	464.37	1/4	121.58	1/4		1/4	
1/2	2,513.55	1/2	2,170.75	1/2	1,827.94	1/2	1,485.13	1/2	1,142.33	1/2	800.02	1/2	457.22	1/2	114.45	1/2		1/2	
3/4	2,506.41	3/4	2,163.60	3/4	1,820.80	3/4	1,477.99	3/4	1,135.18	3/4	792.87	3/4	450.08	3/4	107.31	3/4		3/4	
9	2,499.27	9	2,156.46	9	1,813.66	9	1,470.85	9	1,128.04	9	785.73	9	442.94	9	100.18	9		9	
1/4	2,492.13	1/4	2,149.32	1/4	1,806.51	1/4	1,463.71	1/4	1,120.90	1/4	778.59	1/4	435.80	1/4	93.06	1/4		1/4	
1/2	2,484.98	1/2	2,142.18	1/2	1,799.37	1/2	1,456.57	1/2	1,113.76	1/2	771.45	1/2	428.66	1/2	85.94	1/2		1/2	
3/4	2,477.84	3/4	2,135.04	3/4	1,792.23	3/4	1,449.42	3/4	1,106.63	3/4	764.31	3/4	421.52	3/4	78.82	3/4		3/4	
10	2,470.70	10	2,127.89	10	1,785.09	10	1,442.28	10	1,099.49	10	757.17	10	414.38	10	71.70	10		10	
1/4	2,463.56	1/4	2,120.75	1/4	1,777.95	1/4	1,435.14	1/4	1,092.35	1/4	750.03	1/4	407.23	1/4	65.03	1/4		1/4	
1/2	2,456.42	1/2	2,113.61	1/2	1,770.80	1/2	1,428.00	1/2	1,085.22	1/2	742.88	1/2	400.09	1/2	58.35	1/2		1/2	
3/4	2,449.28	3/4	2,106.47	3/4	1,763.66	3/4	1,420.86	3/4	1,078.09	3/4	735.74	3/4	392.95	3/4	51.67	3/4		3/4	
11	2,442.13	11	2,099.33	11	1,756.52	11	1,413.71	11	1,070.96	11	728.60	11	385.81	11	45.00	11		11	
1/4	2,434.99	1/4	2,092.19	1/4	1,749.38	1/4	1,406.57	1/4	1,063.83	1/4	721.46	1/4	378.67	1/4	39.64	1/4		1/4	
1/2	2,427.85	1/2	2,085.04	1/2	1,742.24	1/2	1,399.43	1/2	1,056.70	1/2	714.32	1/2	371.53	1/2	34.29	1/2		1/2	
3/4	2,420.71	3/4	2,077.90	3/4	1,735.10	3/4	1,392.29	3/4	1,049.58	3/4	707.18	3/4	364.38	3/4	28.93	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
 CALCULATED: 07/26/2019 CL  
 PRINTED: 07/27/2019 SW

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 3300"

## 3 PORT ULLAGE TABLE

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	4,384.18	0	4,215.21	0	4,006.91	0	3,798.12	0	3,588.90	0	3,380.22	0	3,067.89		
1/4		1/4		1/4		1/4	4,382.48	1/4	4,210.87	1/4	4,002.57	1/4	3,793.76	1/4	3,584.54	1/4	3,375.89	1/4	3,060.80		
1/2		1/2		1/2		1/2	4,380.78	1/2	4,206.53	1/2	3,998.23	1/2	3,789.40	1/2	3,580.18	1/2	3,371.55	1/2	3,053.70		
3/4		3/4		3/4		3/4	4,379.07	3/4	4,202.19	3/4	3,993.89	3/4	3,785.04	3/4	3,575.82	3/4	3,367.22	3/4	3,046.61		
1		1		1		1	4,377.37	1	4,197.86	1	3,989.55	1	3,780.68	1	3,571.47	1	3,362.88	1	3,039.52		
1/4		1/4		1/4		1/4	4,375.67	1/4	4,193.52	1/4	3,985.21	1/4	3,776.33	1/4	3,567.11	1/4	3,358.56	1/4	3,032.41		
1/2		1/2		1/2		1/2	4,373.97	1/2	4,189.18	1/2	3,980.88	1/2	3,771.97	1/2	3,562.75	1/2	3,354.23	1/2	3,025.31		
3/4		3/4		3/4		3/4	4,372.26	3/4	4,184.84	3/4	3,976.54	3/4	3,767.61	3/4	3,558.39	3/4	3,349.91	3/4	3,018.21		
2		2		2		2	4,370.56	2	4,180.50	2	3,972.20	2	3,763.25	2	3,554.03	2	3,345.58	2	3,011.11		
1/4		1/4		1/4		1/4	4,368.59	1/4	4,176.16	1/4	3,967.86	1/4	3,758.89	1/4	3,549.67	1/4	3,339.88	1/4	3,004.00		
1/2		1/2		1/2		1/2	4,366.62	1/2	4,171.82	1/2	3,963.52	1/2	3,754.53	1/2	3,545.31	1/2	3,334.18	1/2	2,996.89		
3/4		3/4		3/4		3/4	4,364.65	3/4	4,167.48	3/4	3,959.18	3/4	3,750.17	3/4	3,540.96	3/4	3,328.48	3/4	2,989.78		
3		3		3		3	4,362.68	3	4,163.14	3	3,954.84	3	3,745.81	3	3,536.60	3	3,322.78	3	2,982.67		
1/4		1/4		1/4		1/4	4,359.85	1/4	4,158.80	1/4	3,950.50	1/4	3,741.46	1/4	3,532.25	1/4	3,315.70	1/4	2,975.56		
1/2		1/2		1/2		1/2	4,357.02	1/2	4,154.46	1/2	3,946.16	1/2	3,737.10	1/2	3,527.89	1/2	3,308.62	1/2	2,968.45		
3/4		3/4		3/4		3/4	4,354.19	3/4	4,150.12	3/4	3,941.82	3/4	3,732.74	3/4	3,523.54	3/4	3,301.54	3/4	2,961.34		
4		4		4		4	4,351.36	4	4,145.78	4	3,937.48	4	3,728.38	4	3,519.19	4	3,294.46	4	2,954.23		
1/4		1/4		1/4		1/4	4,347.52	1/4	4,141.44	1/4	3,933.14	1/4	3,724.02	1/4	3,514.85	1/4	3,287.39	1/4	2,947.12		
1/2		1/2		1/2		1/2	4,343.69	1/2	4,137.10	1/2	3,928.80	1/2	3,719.66	1/2	3,510.51	1/2	3,280.31	1/2	2,940.01		
3/4		3/4		3/4		3/4	4,339.86	3/4	4,132.76	3/4	3,924.46	3/4	3,715.30	3/4	3,506.16	3/4	3,273.23	3/4	2,932.90		
5		5		5		5	4,336.02	5	4,128.42	5	3,920.12	5	3,710.94	5	3,501.82	5	3,266.15	5	2,925.79		
1/4		1/4		1/4		1/4	4,331.75	1/4	4,124.08	1/4	3,915.77	1/4	3,706.59	1/4	3,497.48	1/4	3,259.07	1/4	2,918.68		
1/2		1/2		1/2		1/2	4,327.48	1/2	4,119.74	1/2	3,911.42	1/2	3,702.23	1/2	3,493.13	1/2	3,252.00	1/2	2,911.58		
3/4		3/4		3/4		3/4	4,323.21	3/4	4,115.40	3/4	3,907.08	3/4	3,697.87	3/4	3,488.79	3/4	3,244.92	3/4	2,904.47		
6		6		6		6	4,318.94	6	4,111.06	6	3,902.73	6	3,693.51	6	3,484.45	6	3,237.84	6	2,897.37		
1/4		1/4		1/4		1/4	4,314.64	1/4	4,106.72	1/4	3,898.37	1/4	3,689.15	1/4	3,480.11	1/4	3,230.76	1/4	2,890.27		
1/2		1/2		1/2		1/2	4,310.33	1/2	4,102.38	1/2	3,894.01	1/2	3,684.79	1/2	3,475.76	1/2	3,223.69	1/2	2,883.17		
3/4		3/4		3/4		3/4	4,306.03	3/4	4,098.04	3/4	3,889.65	3/4	3,680.43	3/4	3,471.42	3/4	3,216.61	3/4	2,876.08		
7		7		7		7	4,301.73	7	4,093.70	7	3,885.29	7	3,676.07	7	3,467.08	7	3,209.53	7	2,868.98		
1/4		1/4		1/4		1/4	4,297.42	1/4	4,089.36	1/4	3,880.93	1/4	3,671.72	1/4	3,462.73	1/4	3,202.46	1/4	2,861.88		
1/2		1/2		1/2		1/2	4,293.11	1/2	4,085.03	1/2	3,876.58	1/2	3,667.36	1/2	3,458.39	1/2	3,195.38	1/2	2,854.78		
3/4		3/4		3/4		3/4	4,288.80	3/4	4,080.69	3/4	3,872.22	3/4	3,663.00	3/4	3,454.05	3/4	3,188.30	3/4	2,847.68		
8		8		8		8	4,284.49	8	4,076.35	8	3,867.86	8	3,658.64	8	3,449.71	8	3,181.23	8	2,840.58		
1/4		1/4		1/4		1/4	4,280.17	1/4	4,072.01	1/4	3,863.50	1/4	3,654.28	1/4	3,445.36	1/4	3,174.15	1/4	2,833.49		
1/2		1/2		1/2		1/2	4,275.86	1/2	4,067.67	1/2	3,859.14	1/2	3,649.92	1/2	3,441.02	1/2	3,167.07	1/2	2,826.39		
3/4		3/4		3/4		3/4	4,271.55	3/4	4,063.33	3/4	3,854.78	3/4	3,645.56	3/4	3,436.68	3/4	3,160.00	3/4	2,819.29		
9		9		9		9	4,267.24	9	4,058.99	9	3,850.42	9	3,641.21	9	3,432.33	9	3,152.92	9	2,812.19		
1/4		1/4		1/4		1/4	4,262.91	1/4	4,054.65	1/4	3,846.06	1/4	3,636.85	1/4	3,427.99	1/4	3,145.84	1/4	2,805.09		
1/2		1/2		1/2		1/2	4,258.58	1/2	4,050.31	1/2	3,841.71	1/2	3,632.49	1/2	3,423.65	1/2	3,138.76	1/2	2,797.99		
3/4		3/4		3/4		3/4	4,254.26	3/4	4,045.97	3/4	3,837.35	3/4	3,628.13	3/4	3,419.31	3/4	3,131.69	3/4	2,790.90		
10		10		10		10	4,249.93	10	4,041.63	10	3,832.99	10	3,623.77	10	3,414.96	10	3,124.61	10	2,783.80		
1/4		1/4		1/4		1/4	4,245.59	1/4	4,037.29	1/4	3,828.63	1/4	3,619.41	1/4	3,410.62	1/4	3,117.53	1/4	2,776.70		
1/2		1/2		1/2		1/2	4,241.25	1/2	4,032.95	1/2	3,824.27	1/2	3,615.05	1/2	3,406.28	1/2	3,110.44	1/2	2,769.60		
3/4		3/4		3/4		3/4	4,236.91	3/4	4,028.61	3/4	3,819.91	3/4	3,610.69	3/4	3,401.93	3/4	3,103.35	3/4	2,762.50		
11		11		11		11	4,232.57	11	4,024.27	11	3,815.55	11	3,606.34	11	3,397.59	11	3,096.27	11	2,755.41		
1/4		1/4		1/4		1/4	4,228.23	1/4	4,019.93	1/4	3,811.19	1/4	3,601.98	1/4	3,393.25	1/4	3,089.17	1/4	2,748.31		
1/2		1/2		1/2		1/2	4,386.33	1/2	4,223.89	1/2	4,015.59	1/2	3,806.84	1/2	3,597.62	1/2	3,388.90	1/2	3,082.08	1/2	2,741.21
3/4		3/4		3/4		3/4	4,385.26	3/4	4,219.55	3/4	4,011.25	3/4	3,802.48	3/4	3,593.26	3/4	3,384.56	3/4	3,074.99	3/4	2,734.11

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "FMT 3300"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,727.01	0	2,386.29	0	2,045.53	0	1,704.77	0	1,364.02	0	1,027.24	0	696.61	0	355.77	0	23.48	0	
1/4	2,719.91	1/4	2,379.19	1/4	2,038.43	1/4	1,697.67	1/4	1,356.92	1/4	1,020.45	1/4	689.51	1/4	348.66	1/4	19.92	1/4	
1/2	2,712.82	1/2	2,372.09	1/2	2,031.33	1/2	1,690.58	1/2	1,349.82	1/2	1,013.66	1/2	682.41	1/2	341.54	1/2	16.37	1/2	
3/4	2,705.72	3/4	2,364.99	3/4	2,024.23	3/4	1,683.48	3/4	1,342.72	3/4	1,006.87	3/4	675.31	3/4	334.43	3/4	12.81	3/4	
1	2,698.62	1	2,357.89	1	2,017.13	1	1,676.38	1	1,335.62	1	1,000.07	1	668.21	1	327.32	1	9.26	1	
1/4	2,691.52	1/4	2,350.79	1/4	2,010.03	1/4	1,669.28	1/4	1,328.52	1/4	993.28	1/4	661.11	1/4	320.21	1/4	7.48	1/4	
1/2	2,684.42	1/2	2,343.69	1/2	2,002.94	1/2	1,662.18	1/2	1,321.42	1/2	986.49	1/2	654.01	1/2	313.10	1/2	5.70	1/2	
3/4	2,677.33	3/4	2,336.59	3/4	1,995.84	3/4	1,655.08	3/4	1,314.32	3/4	979.70	3/4	646.91	3/4	305.98	3/4	3.92	3/4	
2	2,670.23	2	2,329.49	2	1,988.74	2	1,647.98	2	1,307.22	2	972.91	2	639.81	2	298.87	2	2.14	2	
1/4	2,663.13	1/4	2,322.40	1/4	1,981.64	1/4	1,640.88	1/4	1,300.12	1/4	966.12	1/4	632.71	1/4	291.76	1/4		1/4	
1/2	2,656.03	1/2	2,315.30	1/2	1,974.54	1/2	1,633.78	1/2	1,293.03	1/2	959.33	1/2	625.61	1/2	284.65	1/2		1/2	
3/4	2,648.93	3/4	2,308.20	3/4	1,967.44	3/4	1,626.68	3/4	1,285.93	3/4	952.54	3/4	618.51	3/4	277.54	3/4		3/4	
3	2,641.83	3	2,301.10	3	1,960.34	3	1,619.58	3	1,278.83	3	945.75	3	611.41	3	270.42	3		3	
1/4	2,634.74	1/4	2,294.00	1/4	1,953.24	1/4	1,612.49	1/4	1,271.73	1/4	938.96	1/4	604.31	1/4	263.31	1/4		1/4	
1/2	2,627.64	1/2	2,286.90	1/2	1,946.14	1/2	1,605.39	1/2	1,264.63	1/2	932.17	1/2	597.21	1/2	256.20	1/2		1/2	
3/4	2,620.54	3/4	2,279.80	3/4	1,939.04	3/4	1,598.29	3/4	1,257.53	3/4	925.38	3/4	590.10	3/4	249.09	3/4		3/4	
4	2,613.44	4	2,272.70	4	1,931.94	4	1,591.19	4	1,250.43	4	918.59	4	583.00	4	241.98	4		4	
1/4	2,606.34	1/4	2,265.60	1/4	1,924.85	1/4	1,584.09	1/4	1,243.33	1/4	911.80	1/4	575.90	1/4	234.86	1/4		1/4	
1/2	2,599.25	1/2	2,258.50	1/2	1,917.75	1/2	1,576.99	1/2	1,236.23	1/2	905.01	1/2	568.80	1/2	227.75	1/2		1/2	
3/4	2,592.15	3/4	2,251.40	3/4	1,910.65	3/4	1,569.89	3/4	1,229.13	3/4	898.22	3/4	561.70	3/4	220.64	3/4		3/4	
5	2,585.05	5	2,244.30	5	1,903.55	5	1,562.79	5	1,222.03	5	891.43	5	554.60	5	213.53	5		5	
1/4	2,577.95	1/4	2,237.21	1/4	1,896.45	1/4	1,555.69	1/4	1,214.94	1/4	884.64	1/4	547.50	1/4	206.42	1/4		1/4	
1/2	2,570.85	1/2	2,230.11	1/2	1,889.35	1/2	1,548.59	1/2	1,207.84	1/2	877.85	1/2	540.40	1/2	199.30	1/2		1/2	
3/4	2,563.75	3/4	2,223.01	3/4	1,882.25	3/4	1,541.49	3/4	1,200.74	3/4	871.06	3/4	533.30	3/4	192.19	3/4		3/4	
6	2,556.66	6	2,215.91	6	1,875.15	6	1,534.40	6	1,193.64	6	864.27	6	526.20	6	185.08	6		6	
1/4	2,549.56	1/4	2,208.81	1/4	1,868.05	1/4	1,527.30	1/4	1,186.54	1/4	857.47	1/4	519.10	1/4	177.97	1/4		1/4	
1/2	2,542.46	1/2	2,201.71	1/2	1,860.95	1/2	1,520.20	1/2	1,179.44	1/2	850.68	1/2	512.00	1/2	170.86	1/2		1/2	
3/4	2,535.36	3/4	2,194.61	3/4	1,853.85	3/4	1,513.10	3/4	1,172.34	3/4	843.88	3/4	504.90	3/4	163.74	3/4		3/4	
7	2,528.26	7	2,187.51	7	1,846.76	7	1,506.00	7	1,165.24	7	837.09	7	497.80	7	156.63	7		7	
1/4	2,521.17	1/4	2,180.41	1/4	1,839.66	1/4	1,498.90	1/4	1,158.14	1/4	830.26	1/4	490.70	1/4	149.52	1/4		1/4	
1/2	2,514.07	1/2	2,173.31	1/2	1,832.56	1/2	1,491.80	1/2	1,151.04	1/2	823.42	1/2	483.60	1/2	142.41	1/2		1/2	
3/4	2,506.97	3/4	2,166.21	3/4	1,825.46	3/4	1,484.70	3/4	1,143.94	3/4	816.59	3/4	476.50	3/4	135.30	3/4		3/4	
8	2,499.87	8	2,159.12	8	1,818.36	8	1,477.60	8	1,136.85	8	809.75	8	469.40	8	128.19	8		8	
1/4	2,492.77	1/4	2,152.02	1/4	1,811.26	1/4	1,470.50	1/4	1,129.86	1/4	802.77	1/4	462.30	1/4	121.08	1/4		1/4	
1/2	2,485.67	1/2	2,144.92	1/2	1,804.16	1/2	1,463.40	1/2	1,122.88	1/2	795.78	1/2	455.20	1/2	113.97	1/2		1/2	
3/4	2,478.57	3/4	2,137.82	3/4	1,797.06	3/4	1,456.30	3/4	1,115.89	3/4	788.80	3/4	448.10	3/4	106.87	3/4		3/4	
9	2,471.48	9	2,130.72	9	1,789.96	9	1,449.21	9	1,108.91	9	781.82	9	441.00	9	99.76	9		9	
1/4	2,464.38	1/4	2,123.62	1/4	1,782.86	1/4	1,442.11	1/4	1,102.08	1/4	774.72	1/4	433.90	1/4	92.67	1/4		1/4	
1/2	2,457.28	1/2	2,116.52	1/2	1,775.76	1/2	1,435.01	1/2	1,095.24	1/2	767.61	1/2	426.80	1/2	85.59	1/2		1/2	
3/4	2,450.18	3/4	2,109.42	3/4	1,768.67	3/4	1,427.91	3/4	1,088.41	3/4	760.51	3/4	419.70	3/4	78.50	3/4		3/4	
10	2,443.08	10	2,102.32	10	1,761.57	10	1,420.81	10	1,081.58	10	753.41	10	412.59	10	71.41	10		10	
1/4	2,435.98	1/4	2,095.22	1/4	1,754.47	1/4	1,413.71	1/4	1,074.78	1/4	746.31	1/4	405.49	1/4	64.76	1/4		1/4	
1/2	2,428.88	1/2	2,088.12	1/2	1,747.37	1/2	1,406.61	1/2	1,067.99	1/2	739.21	1/2	398.39	1/2	58.11	1/2		1/2	
3/4	2,421.78	3/4	2,081.03	3/4	1,740.27	3/4	1,399.51	3/4	1,061.19	3/4	732.11	3/4	391.29	3/4	51.46	3/4		3/4	
11	2,414.68	11	2,073.93	11	1,733.17	11	1,392.41	11	1,054.40	11	725.01	11	384.19	11	44.81	11		11	
1/4	2,407.58	1/4	2,066.83	1/4	1,726.07	1/4	1,385.31	1/4	1,047.61	1/4	717.91	1/4	377.09	1/4	39.48	1/4		1/4	
1/2	2,400.49	1/2	2,059.73	1/2	1,718.97	1/2	1,378.21	1/2	1,040.82	1/2	710.81	1/2	369.98	1/2	34.15	1/2		1/2	
3/4	2,393.39	3/4	2,052.63	3/4	1,711.87	3/4	1,371.12	3/4	1,034.03	3/4	703.71	3/4	362.87	3/4	28.81	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2019 CL  
CALCULATED: 07/26/2019 CL  
PRINTED: 07/27/2019 SW

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 3300"

## 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	4,412.13	0	4,245.99	0	4,037.14	0	3,827.82	0	3,618.06	0	3,408.29	0	3,098.09
1/4		1/4		1/4		1/4	4,411.06	1/4	4,241.64	1/4	4,032.79	1/4	3,823.45	1/4	3,613.69	1/4	3,403.92	1/4	3,090.98
1/2		1/2		1/2		1/2	4,409.35	1/2	4,237.29	1/2	4,028.44	1/2	3,819.08	1/2	3,609.32	1/2	3,399.57	1/2	3,083.87
3/4		3/4		3/4		3/4	4,407.64	3/4	4,232.94	3/4	4,024.09	3/4	3,814.71	3/4	3,604.95	3/4	3,395.22	3/4	3,076.76
1		1		1		1	4,405.94	1	4,228.59	1	4,019.74	1	3,810.34	1	3,600.58	1	3,390.87	1	3,069.66
1/4		1/4		1/4		1/4	4,404.23	1/4	4,224.24	1/4	4,015.39	1/4	3,805.97	1/4	3,596.21	1/4	3,386.51	1/4	3,062.55
1/2		1/2		1/2		1/2	4,402.52	1/2	4,219.88	1/2	4,011.04	1/2	3,801.60	1/2	3,591.84	1/2	3,382.18	1/2	3,055.44
3/4		3/4		3/4		3/4	4,400.82	3/4	4,215.53	3/4	4,006.69	3/4	3,797.23	3/4	3,587.47	3/4	3,377.85	3/4	3,048.33
2		2		2		2	4,399.11	2	4,211.18	2	4,002.33	2	3,792.86	2	3,583.10	2	3,373.51	2	3,041.23
1/4		1/4		1/4		1/4	4,397.40	1/4	4,206.83	1/4	3,997.98	1/4	3,788.49	1/4	3,578.73	1/4	3,369.18	1/4	3,034.12
1/2		1/2		1/2		1/2	4,395.42	1/2	4,202.48	1/2	3,993.63	1/2	3,784.12	1/2	3,574.36	1/2	3,363.46	1/2	3,027.01
3/4		3/4		3/4		3/4	4,393.45	3/4	4,198.13	3/4	3,989.28	3/4	3,779.75	3/4	3,569.99	3/4	3,357.75	3/4	3,019.90
3		3		3		3	4,391.47	3	4,193.78	3	3,984.93	3	3,775.38	3	3,565.62	3	3,352.04	3	3,012.80
1/4		1/4		1/4		1/4	4,389.50	1/4	4,189.43	1/4	3,980.58	1/4	3,771.01	1/4	3,561.25	1/4	3,346.33	1/4	3,005.69
1/2		1/2		1/2		1/2	4,386.66	1/2	4,185.08	1/2	3,976.23	1/2	3,766.64	1/2	3,556.88	1/2	3,339.24	1/2	2,998.58
3/4		3/4		3/4		3/4	4,383.82	3/4	4,180.73	3/4	3,971.88	3/4	3,762.27	3/4	3,552.51	3/4	3,332.15	3/4	2,991.47
4		4		4		4	4,380.98	4	4,176.37	4	3,967.53	4	3,757.90	4	3,548.14	4	3,325.06	4	2,984.37
1/4		1/4		1/4		1/4	4,378.14	1/4	4,172.02	1/4	3,963.18	1/4	3,753.53	1/4	3,543.77	1/4	3,319.97	1/4	2,977.26
1/2		1/2		1/2		1/2	4,374.30	1/2	4,167.67	1/2	3,958.82	1/2	3,749.16	1/2	3,539.40	1/2	3,310.88	1/2	2,970.15
3/4		3/4		3/4		3/4	4,370.45	3/4	4,163.32	3/4	3,954.47	3/4	3,744.79	3/4	3,535.03	3/4	3,303.79	3/4	2,963.04
5		5		5		5	4,366.61	5	4,158.97	5	3,950.12	5	3,740.42	5	3,530.66	5	3,296.70	5	2,955.94
1/4		1/4		1/4		1/4	4,362.76	1/4	4,154.62	1/4	3,945.77	1/4	3,736.05	1/4	3,526.29	1/4	3,291.61	1/4	2,948.83
1/2		1/2		1/2		1/2	4,358.48	1/2	4,150.27	1/2	3,941.41	1/2	3,731.68	1/2	3,521.92	1/2	3,282.52	1/2	2,941.72
3/4		3/4		3/4		3/4	4,354.20	3/4	4,145.92	3/4	3,937.05	3/4	3,727.31	3/4	3,517.55	3/4	3,275.43	3/4	2,934.62
6		6		6		6	4,349.92	6	4,141.57	6	3,932.69	6	3,722.94	6	3,513.18	6	3,268.34	6	2,927.51
1/4		1/4		1/4		1/4	4,345.64	1/4	4,137.22	1/4	3,928.34	1/4	3,718.57	1/4	3,508.81	1/4	3,261.25	1/4	2,920.40
1/2		1/2		1/2		1/2	4,341.32	1/2	4,132.86	1/2	3,923.97	1/2	3,714.20	1/2	3,504.44	1/2	3,254.16	1/2	2,913.29
3/4		3/4		3/4		3/4	4,337.01	3/4	4,128.51	3/4	3,919.60	3/4	3,709.83	3/4	3,500.07	3/4	3,247.07	3/4	2,906.19
7		7		7		7	4,332.69	7	4,124.16	7	3,915.23	7	3,705.46	7	3,495.70	7	3,239.98	7	2,899.08
1/4		1/4		1/4		1/4	4,328.38	1/4	4,119.81	1/4	3,910.86	1/4	3,701.09	1/4	3,491.33	1/4	3,232.89	1/4	2,891.97
1/2		1/2		1/2		1/2	4,324.06	1/2	4,115.46	1/2	3,906.49	1/2	3,696.72	1/2	3,486.96	1/2	3,225.80	1/2	2,884.86
3/4		3/4		3/4		3/4	4,319.73	3/4	4,111.11	3/4	3,902.12	3/4	3,692.35	3/4	3,482.59	3/4	3,218.71	3/4	2,877.76
8		8		8		8	4,315.41	8	4,106.76	8	3,897.75	8	3,687.98	8	3,478.22	8	3,211.62	8	2,870.65
1/4		1/4		1/4		1/4	4,311.09	1/4	4,102.41	1/4	3,893.38	1/4	3,683.61	1/4	3,473.85	1/4	3,204.53	1/4	2,863.54
1/2		1/2		1/2		1/2	4,306.77	1/2	4,098.06	1/2	3,889.01	1/2	3,679.24	1/2	3,469.48	1/2	3,197.44	1/2	2,856.43
3/4		3/4		3/4		3/4	4,302.44	3/4	4,093.71	3/4	3,884.64	3/4	3,674.87	3/4	3,465.11	3/4	3,190.35	3/4	2,849.33
9		9		9		9	4,298.12	9	4,089.35	9	3,880.26	9	3,670.50	9	3,460.74	9	3,183.25	9	2,842.22
1/4		1/4		1/4		1/4	4,293.80	1/4	4,085.00	1/4	3,875.89	1/4	3,666.13	1/4	3,456.37	1/4	3,176.16	1/4	2,835.11
1/2		1/2		1/2		1/2	4,289.46	1/2	4,080.65	1/2	3,871.52	1/2	3,661.76	1/2	3,452.00	1/2	3,169.07	1/2	2,828.00
3/4		3/4		3/4		3/4	4,285.12	3/4	4,076.30	3/4	3,867.15	3/4	3,657.39	3/4	3,447.63	3/4	3,161.98	3/4	2,820.90
10		10		10		10	4,280.78	10	4,071.95	10	3,862.78	10	3,653.02	10	3,443.25	10	3,154.89	10	2,813.79
1/4		1/4		1/4		1/4	4,276.45	1/4	4,067.60	1/4	3,858.41	1/4	3,648.65	1/4	3,438.88	1/4	3,147.80	1/4	2,806.68
1/2		1/2		1/2		1/2	4,272.10	1/2	4,063.25	1/2	3,854.04	1/2	3,644.28	1/2	3,434.51	1/2	3,140.71	1/2	2,799.57
3/4		3/4		3/4		3/4	4,267.75	3/4	4,058.90	3/4	3,849.67	3/4	3,639.91	3/4	3,430.14	3/4	3,133.61	3/4	2,792.47
11		11		11		11	4,263.39	11	4,054.55	11	3,845.30	11	3,635.54	11	3,425.77	11	3,126.51	11	2,785.36
1/4		1/4		1/4		1/4	4,259.04	1/4	4,050.20	1/4	3,840.93	1/4	3,631.17	1/4	3,421.40	1/4	3,119.41	1/4	2,778.25
1/2		1/2		1/2		1/2	4,254.69	1/2	4,045.84	1/2	3,836.56	1/2	3,626.80	1/2	3,417.03	1/2	3,112.30	1/2	2,771.15
3/4		3/4		3/4		3/4	4,413.21	3/4	4,250.34	3/4	4,041.49	3/4	3,832.19	3/4	3,622.43	3/4	3,412.66	3/4	3,105.19

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "FMT 3300"

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	2,756.93	0	2,415.23	0	2,073.20	0	1,731.17	0	1,389.14	0	1,047.21	0	705.59	0	363.57	0	28.87	0	
1/4	2,749.82	1/4	2,408.10	1/4	2,066.07	1/4	1,724.05	1/4	1,382.02	1/4	1,040.09	1/4	698.46	1/4	356.44	1/4	23.53	1/4	
1/2	2,742.72	1/2	2,400.98	1/2	2,058.95	1/2	1,716.92	1/2	1,374.89	1/2	1,032.98	1/2	691.33	1/2	349.32	1/2	19.96	1/2	
3/4	2,735.61	3/4	2,393.85	3/4	2,051.82	3/4	1,709.79	3/4	1,367.77	3/4	1,025.87	3/4	684.21	3/4	342.19	3/4	16.40	3/4	
1	2,728.50	1	2,386.73	1	2,044.70	1	1,702.67	1	1,360.64	1	1,018.76	1	677.08	1	335.06	1	12.84	1	
1/4	2,721.39	1/4	2,379.60	1/4	2,037.57	1/4	1,695.54	1/4	1,353.51	1/4	1,011.65	1/4	669.96	1/4	327.94	1/4	9.28	1/4	
1/2	2,714.29	1/2	2,372.47	1/2	2,030.45	1/2	1,688.42	1/2	1,346.39	1/2	1,004.54	1/2	662.83	1/2	320.81	1/2	7.49	1/2	
3/4	2,707.18	3/4	2,365.35	3/4	2,023.32	3/4	1,681.29	3/4	1,339.26	3/4	997.42	3/4	655.71	3/4	313.69	3/4	5.71	3/4	
2	2,700.07	2	2,358.22	2	2,016.19	2	1,674.17	2	1,332.14	2	990.31	2	648.58	2	306.56	2	3.93	2	
1/4	2,692.96	1/4	2,351.10	1/4	2,009.07	1/4	1,667.04	1/4	1,325.01	1/4	983.20	1/4	641.46	1/4	299.44	1/4	2.15	1/4	
1/2	2,685.86	1/2	2,343.97	1/2	2,001.94	1/2	1,659.91	1/2	1,317.89	1/2	976.09	1/2	634.33	1/2	292.31	1/2		1/2	
3/4	2,678.75	3/4	2,336.85	3/4	1,994.82	3/4	1,652.79	3/4	1,310.76	3/4	968.98	3/4	627.21	3/4	285.19	3/4		3/4	
3	2,671.64	3	2,329.72	3	1,987.69	3	1,645.66	3	1,303.63	3	961.87	3	620.08	3	278.06	3		3	
1/4	2,664.53	1/4	2,322.60	1/4	1,980.57	1/4	1,638.54	1/4	1,296.51	1/4	954.76	1/4	612.96	1/4	270.94	1/4		1/4	
1/2	2,657.43	1/2	2,315.47	1/2	1,973.44	1/2	1,631.41	1/2	1,289.38	1/2	947.64	1/2	605.83	1/2	263.81	1/2		1/2	
3/4	2,650.32	3/4	2,308.34	3/4	1,966.32	3/4	1,624.29	3/4	1,282.26	3/4	940.53	3/4	598.70	3/4	256.69	3/4		3/4	
4	2,643.21	4	2,301.22	4	1,959.19	4	1,617.16	4	1,275.13	4	933.42	4	591.58	4	249.56	4		4	
1/4	2,636.10	1/4	2,294.09	1/4	1,952.06	1/4	1,610.04	1/4	1,268.01	1/4	926.31	1/4	584.45	1/4	242.43	1/4		1/4	
1/2	2,628.99	1/2	2,286.97	1/2	1,944.94	1/2	1,602.91	1/2	1,260.88	1/2	919.20	1/2	577.33	1/2	235.31	1/2		1/2	
3/4	2,621.87	3/4	2,279.84	3/4	1,937.81	3/4	1,595.78	3/4	1,253.76	3/4	912.09	3/4	570.20	3/4	228.18	3/4		3/4	
5	2,614.75	5	2,272.72	5	1,930.69	5	1,588.66	5	1,246.63	5	904.98	5	563.08	5	221.06	5		5	
1/4	2,607.64	1/4	2,265.59	1/4	1,923.56	1/4	1,581.53	1/4	1,239.50	1/4	897.86	1/4	555.95	1/4	213.93	1/4		1/4	
1/2	2,600.51	1/2	2,258.47	1/2	1,916.44	1/2	1,574.41	1/2	1,232.38	1/2	890.75	1/2	548.83	1/2	206.81	1/2		1/2	
3/4	2,593.38	3/4	2,251.34	3/4	1,909.31	3/4	1,567.28	3/4	1,225.25	3/4	883.64	3/4	541.70	3/4	199.68	3/4		3/4	
6	2,586.26	6	2,244.21	6	1,902.19	6	1,560.16	6	1,218.13	6	876.53	6	534.58	6	192.56	6		6	
1/4	2,579.13	1/4	2,237.09	1/4	1,895.06	1/4	1,553.03	1/4	1,211.00	1/4	869.42	1/4	527.45	1/4	185.43	1/4		1/4	
1/2	2,572.00	1/2	2,229.96	1/2	1,887.93	1/2	1,545.91	1/2	1,203.88	1/2	862.30	1/2	520.33	1/2	178.31	1/2		1/2	
3/4	2,564.88	3/4	2,222.84	3/4	1,880.81	3/4	1,538.78	3/4	1,196.75	3/4	855.19	3/4	513.20	3/4	171.18	3/4		3/4	
7	2,557.75	7	2,215.71	7	1,873.68	7	1,531.65	7	1,189.63	7	848.07	7	506.07	7	164.06	7		7	
1/4	2,550.63	1/4	2,208.59	1/4	1,866.56	1/4	1,524.53	1/4	1,182.50	1/4	840.96	1/4	498.95	1/4	156.93	1/4		1/4	
1/2	2,543.50	1/2	2,201.46	1/2	1,859.43	1/2	1,517.40	1/2	1,175.37	1/2	833.83	1/2	491.82	1/2	149.80	1/2		1/2	
3/4	2,536.37	3/4	2,194.33	3/4	1,852.31	3/4	1,510.28	3/4	1,168.25	3/4	826.71	3/4	484.70	3/4	142.68	3/4		3/4	
8	2,529.25	8	2,187.21	8	1,845.18	8	1,503.15	8	1,161.12	8	819.59	8	477.57	8	135.56	8		8	
1/4	2,522.12	1/4	2,180.08	1/4	1,838.05	1/4	1,496.03	1/4	1,154.00	1/4	812.47	1/4	470.45	1/4	128.43	1/4		1/4	
1/2	2,514.99	1/2	2,172.96	1/2	1,830.93	1/2	1,488.90	1/2	1,146.87	1/2	805.34	1/2	463.32	1/2	121.31	1/2		1/2	
3/4	2,507.86	3/4	2,165.83	3/4	1,823.80	3/4	1,481.77	3/4	1,139.75	3/4	798.22	3/4	456.20	3/4	114.19	3/4		3/4	
9	2,500.74	9	2,158.71	9	1,816.68	9	1,474.65	9	1,132.62	9	791.09	9	449.07	9	107.07	9		9	
1/4	2,493.61	1/4	2,151.58	1/4	1,809.55	1/4	1,467.52	1/4	1,125.49	1/4	783.96	1/4	441.95	1/4	99.95	1/4		1/4	
1/2	2,486.48	1/2	2,144.46	1/2	1,802.43	1/2	1,460.40	1/2	1,118.37	1/2	776.84	1/2	434.82	1/2	92.85	1/2		1/2	
3/4	2,479.36	3/4	2,137.33	3/4	1,795.30	3/4	1,453.27	3/4	1,111.25	3/4	769.71	3/4	427.69	3/4	85.75	3/4		3/4	
10	2,472.23	10	2,130.20	10	1,788.18	10	1,446.15	10	1,104.13	10	762.59	10	420.57	10	78.65	10		10	
1/4	2,465.11	1/4	2,123.08	1/4	1,781.05	1/4	1,439.02	1/4	1,097.00	1/4	755.46	1/4	413.44	1/4	71.54	1/4		1/4	
1/2	2,457.98	1/2	2,115.95	1/2	1,773.92	1/2	1,431.90	1/2	1,089.89	1/2	748.34	1/2	406.32	1/2	64.88	1/2		1/2	
3/4	2,450.86	3/4	2,108.83	3/4	1,766.80	3/4	1,424.77	3/4	1,082.77	3/4	741.21	3/4	399.19	3/4	58.22	3/4		3/4	
11	2,443.73	11	2,101.70	11	1,759.67	11	1,417.64	11	1,075.66	11	734.09	11	392.07	11	51.56	11		11	
1/4	2,436.61	1/4	2,094.58	1/4	1,752.55	1/4	1,410.52	1/4	1,068.54	1/4	726.96	1/4	384.94	1/4	44.90	1/4		1/4	
1/2	2,429.48	1/2	2,087.45	1/2	1,745.42	1/2	1,403.39	1/2	1,061.43	1/2	719.84	1/2	377.82	1/2	39.56	1/2		1/2	
3/4	2,422.35	3/4	2,080.33	3/4	1,738.30	3/4	1,396.27	3/4	1,054.32	3/4	712.71	3/4	370.69	3/4	34.21	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 CALCULATED: 07/26/2019 CL  
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CANCELS AND SUPERCEDES  
 ALL PRIOR TO 07/2019