



BARGE "FMT 3294"

FUEL TANK INNAGE TABLE

8" HATCH GAUGE HEIGHT 4'- 06"

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: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 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 3294"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-06 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	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	
1/2	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	
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	
1	93	1	1,205	1	2,317	1	3,429	1	4,541	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		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		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		3/4		3/4		3/4		3/4	
2	185	2	1,297	2	2,409	2	3,522	2	4,634	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		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		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		3/4		3/4		3/4		3/4	
3	278	3	1,390	3	2,502	3	3,614	3	4,726	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		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		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		3/4		3/4		3/4		3/4	
4	371	4	1,483	4	2,595	4	3,707	4	4,819	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		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		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		3/4		3/4		3/4		3/4	
5	463	5	1,575	5	2,688	5	3,800	5	4,912	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		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		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		3/4		3/4		3/4		3/4	
6	556	6	1,668	6	2,780	6	3,892	6	5,004	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		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		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		3/4		3/4		3/4		3/4	
7	649	7	1,761	7	2,873	7	3,985	7	5,097	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		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		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		3/4		3/4		3/4		3/4	
8	741	8	1,853	8	2,966	8	4,078	8	5,190	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		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		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		3/4		3/4		3/4		3/4	
9	834	9	1,946	9	3,058	9	4,170	9	5,282	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		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		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		3/4		3/4		3/4		3/4	
10	927	10	2,039	10	3,151	10	4,263	10	5,375	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		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		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		3/4		3/4		3/4		3/4	
11	1,019	11	2,131	11	3,244	11	4,356	11	5,468	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		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		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		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: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "FMT 3294"

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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	3/4	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "FMT 3294"

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 19, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "FMT 3294"

1 PORT

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	251.96	0	582.61	0	923.97	0	1,265.58	0	1,608.38	0	1,951.18	0	2,293.99	0	2,636.78	0	2,979.56
1/4	3.94	1/4	258.44	1/4	589.76	1/4	931.05	1/4	1,272.72	1/4	1,615.52	1/4	1,958.33	1/4	2,301.13	1/4	2,643.92	1/4	2,986.70
1/2	5.72	1/2	264.91	1/2	596.90	1/2	938.13	1/2	1,279.86	1/2	1,622.67	1/2	1,965.47	1/2	2,308.27	1/2	2,651.06	1/2	2,993.84
3/4	7.51	3/4	271.38	3/4	604.04	3/4	945.22	3/4	1,287.01	3/4	1,629.81	3/4	1,972.61	3/4	2,315.41	3/4	2,658.20	3/4	3,000.98
1	9.29	1	277.86	1	611.18	1	952.30	1	1,294.15	1	1,636.95	1	1,979.75	1	2,322.55	1	2,665.35	1	3,008.12
1/4	12.09	1/4	284.42	1/4	618.32	1/4	959.38	1/4	1,301.29	1/4	1,644.09	1/4	1,986.89	1/4	2,329.69	1/4	2,672.49	1/4	3,015.26
1/2	14.89	1/2	290.97	1/2	625.46	1/2	966.46	1/2	1,308.43	1/2	1,651.23	1/2	1,994.03	1/2	2,336.84	1/2	2,679.63	1/2	3,022.40
3/4	17.69	3/4	297.53	3/4	632.60	3/4	973.54	3/4	1,315.57	3/4	1,658.37	3/4	2,001.18	3/4	2,343.98	3/4	2,686.77	3/4	3,029.54
2	20.49	2	304.09	2	639.75	2	980.62	2	1,322.71	2	1,665.52	2	2,008.32	2	2,351.12	2	2,693.91	2	3,036.68
1/4	24.34	1/4	310.73	1/4	646.89	1/4	987.70	1/4	1,329.86	1/4	1,672.66	1/4	2,015.46	1/4	2,358.26	1/4	2,701.05	1/4	3,043.82
1/2	28.19	1/2	317.37	1/2	654.03	1/2	994.78	1/2	1,337.00	1/2	1,679.80	1/2	2,022.60	1/2	2,365.40	1/2	2,708.19	1/2	3,050.96
3/4	32.05	3/4	324.01	3/4	661.17	3/4	1,001.87	3/4	1,344.14	3/4	1,686.94	3/4	2,029.74	3/4	2,372.54	3/4	2,715.33	3/4	3,058.10
3	35.90	3	330.65	3	668.31	3	1,008.95	3	1,351.28	3	1,694.08	3	2,036.88	3	2,379.69	3	2,722.48	3	3,065.24
1/4	41.16	1/4	337.38	1/4	675.45	1/4	1,016.03	1/4	1,358.42	1/4	1,701.22	1/4	2,044.03	1/4	2,386.83	1/4	2,729.62	1/4	3,072.38
1/2	46.42	1/2	344.10	1/2	682.59	1/2	1,023.12	1/2	1,365.57	1/2	1,708.37	1/2	2,051.17	1/2	2,393.97	1/2	2,736.76	1/2	3,079.52
3/4	51.67	3/4	350.82	3/4	689.74	3/4	1,030.20	3/4	1,372.71	3/4	1,715.51	3/4	2,058.31	3/4	2,401.11	3/4	2,743.90	3/4	3,086.65
4	56.93	4	357.55	4	696.88	4	1,037.29	4	1,379.85	4	1,722.65	4	2,065.45	4	2,408.25	4	2,751.04	4	3,093.79
1/4	62.72	1/4	364.36	1/4	704.02	1/4	1,044.39	1/4	1,386.99	1/4	1,729.79	1/4	2,072.59	1/4	2,415.39	1/4	2,758.18	1/4	3,100.93
1/2	68.50	1/2	371.16	1/2	711.16	1/2	1,051.49	1/2	1,394.13	1/2	1,736.93	1/2	2,079.74	1/2	2,422.54	1/2	2,765.32	1/2	3,108.07
3/4	74.28	3/4	377.97	3/4	718.30	3/4	1,058.58	3/4	1,401.27	3/4	1,744.08	3/4	2,086.88	3/4	2,429.68	3/4	2,772.46	3/4	3,115.21
5	80.06	5	384.78	5	725.44	5	1,065.68	5	1,408.42	5	1,751.22	5	2,094.02	5	2,436.82	5	2,779.61	5	3,122.35
1/4	85.95	1/4	391.67	1/4	732.57	1/4	1,072.81	1/4	1,415.56	1/4	1,758.36	1/4	2,101.16	1/4	2,443.96	1/4	2,786.75	1/4	3,129.49
1/2	91.83	1/2	398.56	1/2	739.69	1/2	1,079.93	1/2	1,422.70	1/2	1,765.50	1/2	2,108.30	1/2	2,451.10	1/2	2,793.89	1/2	3,136.63
3/4	97.72	3/4	405.45	3/4	746.82	3/4	1,087.06	3/4	1,429.84	3/4	1,772.64	3/4	2,115.44	3/4	2,458.25	3/4	2,801.03	3/4	3,143.77
6	103.60	6	412.34	6	753.94	6	1,094.18	6	1,436.98	6	1,779.78	6	2,122.59	6	2,465.39	6	2,808.17	6	3,150.91
1/4	109.57	1/4	419.32	1/4	761.04	1/4	1,101.32	1/4	1,444.12	1/4	1,786.93	1/4	2,129.73	1/4	2,472.53	1/4	2,815.31	1/4	3,158.05
1/2	115.54	1/2	426.29	1/2	768.14	1/2	1,108.46	1/2	1,451.27	1/2	1,794.07	1/2	2,136.87	1/2	2,479.67	1/2	2,822.45	1/2	3,165.19
3/4	121.52	3/4	433.26	3/4	775.23	3/4	1,115.61	3/4	1,458.41	3/4	1,801.21	3/4	2,144.01	3/4	2,486.81	3/4	2,829.59	3/4	3,172.33
7	127.49	7	440.23	7	782.33	7	1,122.75	7	1,465.55	7	1,808.35	7	2,151.15	7	2,493.95	7	2,836.73	7	3,179.47
1/4	133.55	1/4	447.29	1/4	789.42	1/4	1,129.89	1/4	1,472.69	1/4	1,815.49	1/4	2,158.29	1/4	2,501.10	1/4	2,843.88	1/4	3,186.60
1/2	139.60	1/2	454.34	1/2	796.50	1/2	1,137.03	1/2	1,479.83	1/2	1,822.63	1/2	2,165.44	1/2	2,508.24	1/2	2,851.02	1/2	3,193.74
3/4	145.66	3/4	461.39	3/4	803.59	3/4	1,144.17	3/4	1,486.97	3/4	1,829.78	3/4	2,172.58	3/4	2,515.38	3/4	2,858.16	3/4	3,200.88
8	151.72	8	468.44	8	810.67	8	1,151.31	8	1,494.12	8	1,836.92	8	2,179.72	8	2,522.52	8	2,865.30	8	3,208.02
1/4	157.86	1/4	475.56	1/4	817.75	1/4	1,158.46	1/4	1,501.26	1/4	1,844.06	1/4	2,186.86	1/4	2,529.66	1/4	2,872.44	1/4	3,215.16
1/2	164.00	1/2	482.68	1/2	824.84	1/2	1,165.60	1/2	1,508.40	1/2	1,851.20	1/2	2,194.00	1/2	2,536.80	1/2	2,879.58	1/2	3,222.30
3/4	170.14	3/4	489.80	3/4	831.92	3/4	1,172.74	3/4	1,515.54	3/4	1,858.34	3/4	2,201.14	3/4	2,543.95	3/4	2,886.72	3/4	3,229.44
9	176.28	9	496.92	9	839.00	9	1,179.88	9	1,522.68	9	1,865.48	9	2,208.29	9	2,551.09	9	2,893.86	9	3,236.58
1/4	182.50	1/4	504.06	1/4	846.08	1/4	1,187.02	1/4	1,529.82	1/4	1,872.63	1/4	2,215.43	1/4	2,558.23	1/4	2,901.01	1/4	3,243.72
1/2	188.72	1/2	511.20	1/2	853.16	1/2	1,194.16	1/2	1,536.97	1/2	1,879.77	1/2	2,222.57	1/2	2,565.37	1/2	2,908.15	1/2	3,250.86
3/4	194.95	3/4	518.34	3/4	860.24	3/4	1,201.31	3/4	1,544.11	3/4	1,886.91	3/4	2,229.71	3/4	2,572.51	3/4	2,915.29	3/4	3,258.00
10	201.17	10	525.48	10	867.32	10	1,208.45	10	1,551.25	10	1,894.05	10	2,236.85	10	2,579.65	10	2,922.43	10	3,265.14
1/4	207.48	1/4	532.62	1/4	874.40	1/4	1,215.59	1/4	1,558.39	1/4	1,901.19	1/4	2,243.99	1/4	2,586.80	1/4	2,929.57	1/4	3,272.28
1/2	213.79	1/2	539.76	1/2	881.48	1/2	1,222.73	1/2	1,565.53	1/2	1,908.33	1/2	2,251.14	1/2	2,593.94	1/2	2,936.71	1/2	3,279.42
3/4	220.09	3/4	546.91	3/4	888.56	3/4	1,229.87	3/4	1,572.67	3/4	1,915.48	3/4	2,258.28	3/4	2,601.08	3/4	2,943.85	3/4	3,286.55
11	226.40	11	554.05	11	895.65	11	1,237.01	11	1,579.82	11	1,922.62	11	2,265.42	11	2,608.22	11	2,950.99	11	3,293.69
1/4	232.79	1/4	561.19	1/4	902.73	1/4	1,244.16	1/4	1,586.96	1/4	1,929.76	1/4	2,272.56	1/4	2,615.36	1/4	2,958.14	1/4	3,300.83
1/2	239.18	1/2	568.33	1/2	909.81	1/2	1,251.30	1/2	1,594.10	1/2	1,936.90	1/2	2,279.70	1/2	2,622.50	1/2	2,965.28	1/2	3,307.97
3/4	245.57	3/4	575.47	3/4	916.89	3/4	1,258.44	3/4	1,601.24	3/4	1,944.04	3/4	2,286.84	3/4	2,629.64	3/4	2,972.42	3/4	3,315.11

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME.
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "FMT 3294"

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	3,322.25	0	3,664.95	0	4,007.73	0	4,350.05	0	4,691.26	0	5,012.35	0		0		0		0	
1/4	3,329.39	1/4	3,672.09	1/4	4,014.87	1/4	4,357.16	1/4	4,698.37	1/4	5,015.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,336.53	1/2	3,679.23	1/2	4,022.01	1/2	4,364.27	1/2	4,705.48	1/2	5,018.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,343.67	3/4	3,686.37	3/4	4,029.15	3/4	4,371.37	3/4	4,712.59	3/4	5,021.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,350.81	1	3,693.51	1	4,036.29	1	4,378.48	1	4,719.70	1	5,025.13	1	1	1	1	1	1	1	1
1/4	3,357.95	1/4	3,700.65	1/4	4,043.43	1/4	4,385.59	1/4	4,726.80	1/4	5,027.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,365.09	1/2	3,707.79	1/2	4,050.58	1/2	4,392.70	1/2	4,733.91	1/2	5,029.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,372.23	3/4	3,714.93	3/4	4,057.72	3/4	4,399.81	3/4	4,741.02	3/4	5,031.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,379.37	2	3,722.08	2	4,064.86	2	4,406.92	2	4,748.13	2	5,033.15	2	2	2	2	2	2	2	2
1/4	3,386.50	1/4	3,729.22	1/4	4,072.00	1/4	4,414.03	1/4	4,755.24	1/4	5,034.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,393.64	1/2	3,736.36	1/2	4,079.14	1/2	4,421.13	1/2	4,762.35	1/2	5,035.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,400.78	3/4	3,743.50	3/4	4,086.28	3/4	4,428.24	3/4	4,769.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,407.92	3	3,750.64	3	4,093.42	3	4,435.35	3	4,776.56	3		3	3	3	3	3	3	3	3
1/4	3,415.06	1/4	3,757.78	1/4	4,100.56	1/4	4,442.46	1/4	4,783.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,422.20	1/2	3,764.92	1/2	4,107.71	1/2	4,449.57	1/2	4,790.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,429.34	3/4	3,772.07	3/4	4,114.85	3/4	4,456.68	3/4	4,797.89	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,436.48	4	3,779.21	4	4,121.99	4	4,463.79	4	4,805.00	4		4	4	4	4	4	4	4	4
1/4	3,443.62	1/4	3,786.35	1/4	4,129.13	1/4	4,470.89	1/4	4,812.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,450.76	1/2	3,793.49	1/2	4,136.27	1/2	4,478.00	1/2	4,819.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,457.90	3/4	3,800.63	3/4	4,143.41	3/4	4,485.11	3/4	4,826.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,465.04	5	3,807.77	5	4,150.55	5	4,492.22	5	4,833.34	5		5	5	5	5	5	5	5	5
1/4	3,472.18	1/4	3,814.91	1/4	4,157.70	1/4	4,499.33	1/4	4,840.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,479.32	1/2	3,822.05	1/2	4,164.84	1/2	4,506.44	1/2	4,847.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,486.46	3/4	3,829.20	3/4	4,171.98	3/4	4,513.55	3/4	4,854.54	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,493.59	6	3,836.34	6	4,179.12	6	4,520.65	6	4,861.60	6		6	6	6	6	6	6	6	6
1/4	3,500.73	1/4	3,843.48	1/4	4,186.26	1/4	4,527.76	1/4	4,868.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,507.87	1/2	3,850.62	1/2	4,193.40	1/2	4,534.87	1/2	4,875.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,515.01	3/4	3,857.76	3/4	4,200.54	3/4	4,541.98	3/4	4,882.79	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,522.15	7	3,864.90	7	4,207.68	7	4,549.09	7	4,889.85	7		7	7	7	7	7	7	7	7
1/4	3,529.29	1/4	3,872.04	1/4	4,214.83	1/4	4,556.20	1/4	4,896.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,536.43	1/2	3,879.18	1/2	4,221.97	1/2	4,563.31	1/2	4,903.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,543.57	3/4	3,886.33	3/4	4,229.11	3/4	4,570.42	3/4	4,911.02	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,550.71	8	3,893.47	8	4,236.25	8	4,577.52	8	4,918.08	8		8	8	8	8	8	8	8	8
1/4	3,557.85	1/4	3,900.61	1/4	4,243.37	1/4	4,584.63	1/4	4,925.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,564.99	1/2	3,907.75	1/2	4,250.50	1/2	4,591.74	1/2	4,932.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,572.13	3/4	3,914.89	3/4	4,257.62	3/4	4,598.85	3/4	4,939.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,579.27	9	3,922.03	9	4,264.75	9	4,605.96	9	4,946.17	9		9	9	9	9	9	9	9	9
1/4	3,586.41	1/4	3,929.17	1/4	4,271.85	1/4	4,613.07	1/4	4,952.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,593.54	1/2	3,936.32	1/2	4,278.96	1/2	4,620.18	1/2	4,959.33	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,600.68	3/4	3,943.46	3/4	4,286.07	3/4	4,627.28	3/4	4,965.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,607.82	10	3,950.60	10	4,293.18	10	4,634.39	10	4,972.50	10		10	10	10	10	10	10	10	10
1/4	3,614.96	1/4	3,957.74	1/4	4,300.29	1/4	4,641.50	1/4	4,978.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,622.10	1/2	3,964.88	1/2	4,307.40	1/2	4,648.61	1/2	4,983.65	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,629.24	3/4	3,972.02	3/4	4,314.51	3/4	4,655.72	3/4	4,989.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,636.38	11	3,979.16	11	4,321.61	11	4,662.83	11	4,994.80	11		11	11	11	11	11	11	11	11
1/4	3,643.52	1/4	3,986.30	1/4	4,328.72	1/4	4,669.94	1/4	4,999.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,650.66	1/2	3,993.45	1/2	4,335.83	1/2	4,677.04	1/2	5,003.57	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,657.80	3/4	4,000.59	3/4	4,342.94	3/4	4,684.15	3/4	5,007.96	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: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

1 STBD INNAGE TABLE

10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	251.81	0	582.34	0	924.82	0	1,267.34	0	1,609.99	0	1,952.64	0	2,295.28	0	2,637.93	0	2,980.55
1/4	3.94	1/4	258.28	1/4	589.48	1/4	931.95	1/4	1,274.48	1/4	1,617.13	1/4	1,959.77	1/4	2,302.42	1/4	2,645.06	1/4	2,987.69
1/2	5.72	1/2	264.75	1/2	596.62	1/2	939.08	1/2	1,281.62	1/2	1,624.27	1/2	1,966.91	1/2	2,309.56	1/2	2,652.20	1/2	2,994.82
3/4	7.50	3/4	271.22	3/4	603.76	3/4	946.21	3/4	1,288.76	3/4	1,631.40	3/4	1,974.05	3/4	2,316.70	3/4	2,659.34	3/4	3,001.96
1	9.29	1	277.69	1	610.90	1	953.34	1	1,295.89	1	1,638.54	1	1,981.19	1	2,323.84	1	2,666.48	1	3,009.10
1/4	12.09	1/4	284.25	1/4	618.04	1/4	960.47	1/4	1,303.03	1/4	1,645.68	1/4	1,988.33	1/4	2,330.98	1/4	2,673.62	1/4	3,016.24
1/2	14.88	1/2	290.80	1/2	625.17	1/2	967.60	1/2	1,310.17	1/2	1,652.82	1/2	1,995.47	1/2	2,338.12	1/2	2,680.75	1/2	3,023.37
3/4	17.68	3/4	297.35	3/4	632.31	3/4	974.73	3/4	1,317.31	3/4	1,659.96	3/4	2,002.61	3/4	2,345.25	3/4	2,687.89	3/4	3,030.51
2	20.48	2	303.91	2	639.45	2	981.86	2	1,324.45	2	1,667.10	2	2,009.74	2	2,352.39	2	2,695.03	2	3,037.64
1/4	24.33	1/4	310.55	1/4	646.59	1/4	988.99	1/4	1,331.59	1/4	1,674.23	1/4	2,016.88	1/4	2,359.53	1/4	2,702.17	1/4	3,044.78
1/2	28.18	1/2	317.18	1/2	653.73	1/2	996.11	1/2	1,338.73	1/2	1,681.37	1/2	2,024.02	1/2	2,366.67	1/2	2,709.31	1/2	3,051.92
3/4	32.03	3/4	323.82	3/4	660.86	3/4	1,003.24	3/4	1,345.86	3/4	1,688.51	3/4	2,031.16	3/4	2,373.81	3/4	2,716.44	3/4	3,059.05
3	35.88	3	330.46	3	668.00	3	1,010.37	3	1,353.00	3	1,695.65	3	2,038.30	3	2,380.95	3	2,723.58	3	3,066.19
1/4	41.13	1/4	337.18	1/4	675.14	1/4	1,017.51	1/4	1,360.14	1/4	1,702.79	1/4	2,045.44	1/4	2,388.08	1/4	2,730.72	1/4	3,073.32
1/2	46.39	1/2	343.90	1/2	682.28	1/2	1,024.64	1/2	1,367.28	1/2	1,709.93	1/2	2,052.58	1/2	2,395.22	1/2	2,737.86	1/2	3,080.46
3/4	51.64	3/4	350.62	3/4	689.42	3/4	1,031.78	3/4	1,374.42	3/4	1,717.07	3/4	2,059.71	3/4	2,402.36	3/4	2,745.00	3/4	3,087.60
4	56.89	4	357.34	4	696.56	4	1,038.91	4	1,381.56	4	1,724.20	4	2,066.85	4	2,409.50	4	2,752.13	4	3,094.73
1/4	62.67	1/4	364.15	1/4	703.69	1/4	1,046.05	1/4	1,388.69	1/4	1,731.34	1/4	2,073.99	1/4	2,416.64	1/4	2,759.27	1/4	3,101.87
1/2	68.45	1/2	370.95	1/2	710.83	1/2	1,053.19	1/2	1,395.83	1/2	1,738.48	1/2	2,081.13	1/2	2,423.78	1/2	2,766.41	1/2	3,109.01
3/4	74.23	3/4	377.75	3/4	717.97	3/4	1,060.32	3/4	1,402.97	3/4	1,745.62	3/4	2,088.27	3/4	2,430.92	3/4	2,773.55	3/4	3,116.14
5	80.01	5	384.56	5	725.11	5	1,067.46	5	1,410.11	5	1,752.76	5	2,095.41	5	2,438.05	5	2,780.69	5	3,123.28
1/4	85.89	1/4	391.45	1/4	732.25	1/4	1,074.60	1/4	1,417.25	1/4	1,759.90	1/4	2,102.54	1/4	2,445.19	1/4	2,787.82	1/4	3,130.41
1/2	91.77	1/2	398.33	1/2	739.39	1/2	1,081.74	1/2	1,424.39	1/2	1,767.04	1/2	2,109.68	1/2	2,452.33	1/2	2,794.96	1/2	3,137.55
3/4	97.65	3/4	405.22	3/4	746.52	3/4	1,088.88	3/4	1,431.53	3/4	1,774.17	3/4	2,116.82	3/4	2,459.47	3/4	2,802.10	3/4	3,144.69
6	103.53	6	412.11	6	753.66	6	1,096.02	6	1,438.66	6	1,781.31	6	2,123.96	6	2,466.61	6	2,809.24	6	3,151.82
1/4	109.50	1/4	419.08	1/4	760.80	1/4	1,103.15	1/4	1,445.80	1/4	1,788.45	1/4	2,131.10	1/4	2,473.75	1/4	2,816.38	1/4	3,158.96
1/2	115.47	1/2	426.05	1/2	767.94	1/2	1,110.29	1/2	1,452.94	1/2	1,795.59	1/2	2,138.24	1/2	2,480.89	1/2	2,823.51	1/2	3,166.09
3/4	121.44	3/4	433.02	3/4	775.08	3/4	1,117.43	3/4	1,460.08	3/4	1,802.73	3/4	2,145.38	3/4	2,488.02	3/4	2,830.65	3/4	3,173.23
7	127.41	7	440.00	7	782.21	7	1,124.57	7	1,467.22	7	1,809.87	7	2,152.51	7	2,495.16	7	2,837.79	7	3,180.37
1/4	133.46	1/4	447.05	1/4	789.35	1/4	1,131.71	1/4	1,474.36	1/4	1,817.00	1/4	2,159.65	1/4	2,502.30	1/4	2,844.93	1/4	3,187.50
1/2	139.52	1/2	454.11	1/2	796.48	1/2	1,138.85	1/2	1,481.50	1/2	1,824.14	1/2	2,166.79	1/2	2,509.44	1/2	2,852.07	1/2	3,194.64
3/4	145.57	3/4	461.16	3/4	803.61	3/4	1,145.99	3/4	1,488.63	3/4	1,831.28	3/4	2,173.93	3/4	2,516.58	3/4	2,859.20	3/4	3,201.77
8	151.62	8	468.21	8	810.75	8	1,153.12	8	1,495.77	8	1,838.42	8	2,181.07	8	2,523.72	8	2,866.34	8	3,208.91
1/4	157.76	1/4	475.33	1/4	817.88	1/4	1,160.26	1/4	1,502.91	1/4	1,845.56	1/4	2,188.21	1/4	2,530.85	1/4	2,873.48	1/4	3,216.05
1/2	163.90	1/2	482.45	1/2	825.01	1/2	1,167.40	1/2	1,510.05	1/2	1,852.70	1/2	2,195.35	1/2	2,537.99	1/2	2,880.62	1/2	3,223.18
3/4	170.03	3/4	489.57	3/4	832.13	3/4	1,174.54	3/4	1,517.19	3/4	1,859.84	3/4	2,202.48	3/4	2,545.13	3/4	2,887.76	3/4	3,230.32
9	176.17	9	496.68	9	839.26	9	1,181.68	9	1,524.33	9	1,866.97	9	2,209.62	9	2,552.27	9	2,894.89	9	3,237.46
1/4	182.39	1/4	503.82	1/4	846.39	1/4	1,188.82	1/4	1,531.46	1/4	1,874.11	1/4	2,216.76	1/4	2,559.41	1/4	2,902.03	1/4	3,244.59
1/2	188.61	1/2	510.96	1/2	853.52	1/2	1,195.96	1/2	1,538.60	1/2	1,881.25	1/2	2,223.90	1/2	2,566.55	1/2	2,909.17	1/2	3,251.73
3/4	194.83	3/4	518.10	3/4	860.65	3/4	1,203.09	3/4	1,545.74	3/4	1,888.39	3/4	2,231.04	3/4	2,573.69	3/4	2,916.31	3/4	3,258.86
10	201.05	10	525.24	10	867.78	10	1,210.23	10	1,552.88	10	1,895.53	10	2,238.18	10	2,580.82	10	2,923.45	10	3,266.00
1/4	207.35	1/4	532.38	1/4	874.91	1/4	1,217.37	1/4	1,560.02	1/4	1,902.67	1/4	2,245.31	1/4	2,587.96	1/4	2,930.58	1/4	3,273.14
1/2	213.66	1/2	539.51	1/2	882.04	1/2	1,224.51	1/2	1,567.16	1/2	1,909.81	1/2	2,252.45	1/2	2,595.10	1/2	2,937.72	1/2	3,280.27
3/4	219.96	3/4	546.65	3/4	889.17	3/4	1,231.65	3/4	1,574.30	3/4	1,916.94	3/4	2,259.59	3/4	2,602.24	3/4	2,944.86	3/4	3,287.41
11	226.26	11	553.79	11	896.30	11	1,238.79	11	1,581.43	11	1,924.08	11	2,266.73	11	2,609.38	11	2,952.00	11	3,294.54
1/4	232.65	1/4	560.93	1/4	903.43	1/4	1,245.92	1/4	1,588.57	1/4	1,931.22	1/4	2,273.87	1/4	2,616.51	1/4	2,959.14	1/4	3,301.68
1/2	239.04	1/2	568.07	1/2	910.56	1/2	1,253.06	1/2	1,595.71	1/2	1,938.36	1/2	2,281.01	1/2	2,623.65	1/2	2,966.27	1/2	3,308.82
3/4	245.42	3/4	575.21	3/4	917.69	3/4	1,260.20	3/4	1,602.85	3/4	1,945.50	3/4	2,288.15	3/4	2,630.79	3/4	2,973.41	3/4	3,315.95

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "FMT 3294"

**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	3,323.09	0	3,665.63	0	4,008.26	0	4,350.42	0	4,691.48	0	5,012.42	0		0		0		0	
1/4	3,330.22	1/4	3,672.77	1/4	4,015.40	1/4	4,357.53	1/4	4,698.59	1/4	5,015.61	1/4		1/4		1/4		1/4	
1/2	3,337.36	1/2	3,679.91	1/2	4,022.53	1/2	4,364.64	1/2	4,705.69	1/2	5,018.81	1/2		1/2		1/2		1/2	
3/4	3,344.50	3/4	3,687.04	3/4	4,029.67	3/4	4,371.74	3/4	4,712.80	3/4	5,022.00	3/4		3/4		3/4		3/4	
1	3,351.63	1	3,694.18	1	4,036.81	1	4,378.85	1	4,719.91	1	5,025.19	1		1		1		1	
1/4	3,358.77	1/4	3,701.32	1/4	4,043.95	1/4	4,385.95	1/4	4,727.01	1/4	5,027.20	1/4		1/4		1/4		1/4	
1/2	3,365.91	1/2	3,708.46	1/2	4,051.09	1/2	4,393.06	1/2	4,734.12	1/2	5,029.20	1/2		1/2		1/2		1/2	
3/4	3,373.04	3/4	3,715.60	3/4	4,058.22	3/4	4,400.16	3/4	4,741.22	3/4	5,031.21	3/4		3/4		3/4		3/4	
2	3,380.18	2	3,722.73	2	4,065.36	2	4,407.27	2	4,748.33	2	5,033.21	2		2		2		2	
1/4	3,387.31	1/4	3,729.87	1/4	4,072.50	1/4	4,414.37	1/4	4,755.43	1/4	5,034.14	1/4		1/4		1/4		1/4	
1/2	3,394.45	1/2	3,737.01	1/2	4,079.64	1/2	4,421.48	1/2	4,762.54	1/2	5,035.06	1/2		1/2		1/2		1/2	
3/4	3,401.59	3/4	3,744.15	3/4	4,086.78	3/4	4,428.58	3/4	4,769.64	3/4		3/4		3/4		3/4		3/4	
3	3,408.72	3	3,751.29	3	4,093.91	3	4,435.69	3	4,776.75	3		3		3		3		3	
1/4	3,415.86	1/4	3,758.42	1/4	4,101.05	1/4	4,442.79	1/4	4,783.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,422.99	1/2	3,765.56	1/2	4,108.19	1/2	4,449.90	1/2	4,790.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,430.13	3/4	3,772.70	3/4	4,115.33	3/4	4,457.01	3/4	4,798.06	3/4		3/4		3/4		3/4		3/4	
4	3,437.27	4	3,779.84	4	4,122.47	4	4,464.11	4	4,805.17	4		4		4		4		4	
1/4	3,444.40	1/4	3,786.98	1/4	4,129.61	1/4	4,471.22	1/4	4,812.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,451.54	1/2	3,794.11	1/2	4,136.74	1/2	4,478.32	1/2	4,819.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,458.67	3/4	3,801.25	3/4	4,143.88	3/4	4,485.43	3/4	4,826.42	3/4		3/4		3/4		3/4		3/4	
5	3,465.81	5	3,808.39	5	4,151.02	5	4,492.53	5	4,833.50	5		5		5		5		5	
1/4	3,472.95	1/4	3,815.53	1/4	4,158.16	1/4	4,499.64	1/4	4,840.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,480.08	1/2	3,822.67	1/2	4,165.30	1/2	4,506.74	1/2	4,847.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,487.22	3/4	3,829.81	3/4	4,172.43	3/4	4,513.85	3/4	4,854.68	3/4		3/4		3/4		3/4		3/4	
6	3,494.35	6	3,836.94	6	4,179.57	6	4,520.95	6	4,861.74	6		6		6		6		6	
1/4	3,501.49	1/4	3,844.08	1/4	4,186.71	1/4	4,528.06	1/4	4,868.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.63	1/2	3,851.22	1/2	4,193.85	1/2	4,535.16	1/2	4,875.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,515.76	3/4	3,858.36	3/4	4,200.99	3/4	4,542.27	3/4	4,882.92	3/4		3/4		3/4		3/4		3/4	
7	3,522.90	7	3,865.50	7	4,208.12	7	4,549.38	7	4,889.98	7		7		7		7		7	
1/4	3,530.04	1/4	3,872.63	1/4	4,215.26	1/4	4,556.48	1/4	4,897.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,537.17	1/2	3,879.77	1/2	4,222.40	1/2	4,563.59	1/2	4,904.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,544.31	3/4	3,886.91	3/4	4,229.54	3/4	4,570.69	3/4	4,911.14	3/4		3/4		3/4		3/4		3/4	
8	3,551.44	8	3,894.05	8	4,236.68	8	4,577.80	8	4,918.19	8		8		8		8		8	
1/4	3,558.58	1/4	3,901.19	1/4	4,243.80	1/4	4,584.90	1/4	4,925.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,565.72	1/2	3,908.32	1/2	4,250.92	1/2	4,592.01	1/2	4,932.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,572.85	3/4	3,915.46	3/4	4,258.04	3/4	4,599.11	3/4	4,939.25	3/4		3/4		3/4		3/4		3/4	
9	3,579.99	9	3,922.60	9	4,265.16	9	4,606.22	9	4,946.27	9		9		9		9		9	
1/4	3,587.12	1/4	3,929.74	1/4	4,272.27	1/4	4,613.32	1/4	4,952.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,594.26	1/2	3,936.88	1/2	4,279.37	1/2	4,620.43	1/2	4,959.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,601.40	3/4	3,944.01	3/4	4,286.48	3/4	4,627.54	3/4	4,966.01	3/4		3/4		3/4		3/4		3/4	
10	3,608.53	10	3,951.15	10	4,293.58	10	4,634.64	10	4,972.59	10		10		10		10		10	
1/4	3,615.67	1/4	3,958.29	1/4	4,300.69	1/4	4,641.75	1/4	4,978.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,622.80	1/2	3,965.43	1/2	4,307.79	1/2	4,648.85	1/2	4,983.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,629.94	3/4	3,972.57	3/4	4,314.90	3/4	4,655.96	3/4	4,989.31	3/4		3/4		3/4		3/4		3/4	
11	3,637.08	11	3,979.71	11	4,322.00	11	4,663.06	11	4,994.88	11		11		11		11		11	
1/4	3,644.21	1/4	3,986.84	1/4	4,329.11	1/4	4,670.17	1/4	4,999.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,651.35	1/2	3,993.98	1/2	4,336.21	1/2	4,677.27	1/2	5,003.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,658.49	3/4	4,001.12	3/4	4,343.32	3/4	4,684.38	3/4	5,008.03	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

2 PORT INNAGE TABLE

10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.16	0	301.37	0	645.61	0	981.97	0	1,319.57	0	1,663.82	0	2,008.07	0	2,352.32	0	2,696.57	0	3,040.82
1/4	3.95	1/4	308.55	1/4	652.78	1/4	988.83	1/4	1,326.74	1/4	1,670.99	1/4	2,015.24	1/4	2,359.49	1/4	2,703.74	1/4	3,047.99
1/2	5.75	1/2	315.72	1/2	659.95	1/2	995.69	1/2	1,333.91	1/2	1,678.16	1/2	2,022.41	1/2	2,366.66	1/2	2,710.91	1/2	3,055.16
3/4	7.54	3/4	322.89	3/4	667.13	3/4	1,002.56	3/4	1,341.08	3/4	1,685.33	3/4	2,029.58	3/4	2,373.83	3/4	2,718.09	3/4	3,062.32
1	9.33	1	330.06	1	674.30	1	1,009.42	1	1,348.25	1	1,692.50	1	2,036.76	1	2,381.01	1	2,725.26	1	3,069.49
1/4	12.92	1/4	337.23	1/4	681.47	1/4	1,016.28	1/4	1,355.42	1/4	1,699.68	1/4	2,043.93	1/4	2,388.18	1/4	2,732.43	1/4	3,076.66
1/2	16.50	1/2	344.40	1/2	688.64	1/2	1,023.15	1/2	1,362.60	1/2	1,706.85	1/2	2,051.10	1/2	2,395.35	1/2	2,739.60	1/2	3,083.83
3/4	20.09	3/4	351.58	3/4	695.81	3/4	1,030.01	3/4	1,369.77	3/4	1,714.02	3/4	2,058.27	3/4	2,402.52	3/4	2,746.77	3/4	3,091.00
2	23.67	2	358.75	2	702.98	2	1,036.87	2	1,376.94	2	1,721.19	2	2,065.44	2	2,409.69	2	2,753.95	2	3,098.17
1/4	29.05	1/4	365.92	1/4	710.16	1/4	1,043.74	1/4	1,384.11	1/4	1,728.36	1/4	2,072.61	1/4	2,416.87	1/4	2,761.12	1/4	3,105.34
1/2	34.43	1/2	373.09	1/2	717.33	1/2	1,050.60	1/2	1,391.28	1/2	1,735.54	1/2	2,079.79	1/2	2,424.04	1/2	2,768.29	1/2	3,112.51
3/4	39.81	3/4	380.26	3/4	724.50	3/4	1,057.46	3/4	1,398.46	3/4	1,742.71	3/4	2,086.96	3/4	2,431.21	3/4	2,775.46	3/4	3,119.68
3	45.19	3	387.43	3	731.67	3	1,064.33	3	1,405.63	3	1,749.88	3	2,094.13	3	2,438.38	3	2,782.63	3	3,126.85
1/4	51.89	1/4	394.61	1/4	738.84	1/4	1,071.20	1/4	1,412.80	1/4	1,757.05	1/4	2,101.30	1/4	2,445.55	1/4	2,789.80	1/4	3,134.02
1/2	58.59	1/2	401.78	1/2	746.01	1/2	1,078.06	1/2	1,419.97	1/2	1,764.22	1/2	2,108.47	1/2	2,452.73	1/2	2,796.98	1/2	3,141.19
3/4	65.30	3/4	408.95	3/4	753.19	3/4	1,084.93	3/4	1,427.14	3/4	1,771.39	3/4	2,115.65	3/4	2,459.90	3/4	2,804.15	3/4	3,148.36
4	72.00	4	416.12	4	760.36	4	1,091.80	4	1,434.32	4	1,778.57	4	2,122.82	4	2,467.07	4	2,811.32	4	3,155.53
1/4	79.15	1/4	423.29	1/4	767.53	1/4	1,098.68	1/4	1,441.49	1/4	1,785.74	1/4	2,129.99	1/4	2,474.24	1/4	2,818.49	1/4	3,162.70
1/2	86.30	1/2	430.46	1/2	774.70	1/2	1,105.56	1/2	1,448.66	1/2	1,792.91	1/2	2,137.16	1/2	2,481.41	1/2	2,825.66	1/2	3,169.87
3/4	93.45	3/4	437.64	3/4	781.87	3/4	1,112.44	3/4	1,455.83	3/4	1,800.08	3/4	2,144.33	3/4	2,488.58	3/4	2,832.84	3/4	3,177.04
5	100.60	5	444.81	5	789.04	5	1,119.32	5	1,463.00	5	1,807.25	5	2,151.51	5	2,495.76	5	2,840.01	5	3,184.21
1/4	107.76	1/4	451.98	1/4	796.07	1/4	1,126.35	1/4	1,470.18	1/4	1,814.43	1/4	2,158.68	1/4	2,502.93	1/4	2,847.18	1/4	3,191.38
1/2	114.93	1/2	459.15	1/2	803.10	1/2	1,133.38	1/2	1,477.35	1/2	1,821.60	1/2	2,165.85	1/2	2,510.10	1/2	2,854.35	1/2	3,198.55
3/4	122.09	3/4	466.32	3/4	810.14	3/4	1,140.41	3/4	1,484.52	3/4	1,828.77	3/4	2,173.02	3/4	2,517.27	3/4	2,861.52	3/4	3,205.72
6	129.26	6	473.49	6	817.17	6	1,147.44	6	1,491.69	6	1,835.94	6	2,180.19	6	2,524.44	6	2,868.70	6	3,212.89
1/4	136.43	1/4	480.66	1/4	824.05	1/4	1,154.61	1/4	1,498.86	1/4	1,843.11	1/4	2,187.37	1/4	2,531.62	1/4	2,875.87	1/4	3,220.06
1/2	143.60	1/2	487.84	1/2	830.93	1/2	1,161.78	1/2	1,506.03	1/2	1,850.29	1/2	2,194.54	1/2	2,538.79	1/2	2,883.04	1/2	3,227.23
3/4	150.77	3/4	495.01	3/4	837.81	3/4	1,168.96	3/4	1,513.21	3/4	1,857.46	3/4	2,201.71	3/4	2,545.96	3/4	2,890.21	3/4	3,234.40
7	157.94	7	502.18	7	844.69	7	1,176.13	7	1,520.38	7	1,864.63	7	2,208.88	7	2,553.13	7	2,897.38	7	3,241.57
1/4	165.11	1/4	509.35	1/4	851.55	1/4	1,183.30	1/4	1,527.55	1/4	1,871.80	1/4	2,216.05	1/4	2,560.30	1/4	2,904.56	1/4	3,248.74
1/2	172.29	1/2	516.52	1/2	858.42	1/2	1,190.47	1/2	1,534.72	1/2	1,878.97	1/2	2,223.22	1/2	2,567.48	1/2	2,911.73	1/2	3,255.91
3/4	179.46	3/4	523.69	3/4	865.29	3/4	1,197.64	3/4	1,541.89	3/4	1,886.15	3/4	2,230.40	3/4	2,574.65	3/4	2,918.90	3/4	3,263.08
8	186.63	8	530.87	8	872.15	8	1,204.81	8	1,549.07	8	1,893.32	8	2,237.57	8	2,581.82	8	2,926.07	8	3,270.25
1/4	193.80	1/4	538.04	1/4	879.02	1/4	1,211.99	1/4	1,556.24	1/4	1,900.49	1/4	2,244.74	1/4	2,588.99	1/4	2,933.24	1/4	3,277.42
1/2	200.97	1/2	545.21	1/2	885.88	1/2	1,219.16	1/2	1,563.41	1/2	1,907.66	1/2	2,251.91	1/2	2,596.16	1/2	2,940.41	1/2	3,284.59
3/4	208.14	3/4	552.38	3/4	892.74	3/4	1,226.33	3/4	1,570.58	3/4	1,914.83	3/4	2,259.08	3/4	2,603.34	3/4	2,947.59	3/4	3,291.76
9	215.32	9	559.55	9	899.61	9	1,233.50	9	1,577.75	9	1,922.00	9	2,266.26	9	2,610.51	9	2,954.76	9	3,298.93
1/4	222.49	1/4	566.72	1/4	906.47	1/4	1,240.67	1/4	1,584.93	1/4	1,929.18	1/4	2,273.43	1/4	2,617.68	1/4	2,961.93	1/4	3,306.09
1/2	229.66	1/2	573.90	1/2	913.33	1/2	1,247.85	1/2	1,592.10	1/2	1,936.35	1/2	2,280.60	1/2	2,624.85	1/2	2,969.10	1/2	3,313.26
3/4	236.83	3/4	581.07	3/4	920.20	3/4	1,255.02	3/4	1,599.27	3/4	1,943.52	3/4	2,287.77	3/4	2,632.02	3/4	2,976.27	3/4	3,320.43
10	244.00	10	588.24	10	927.06	10	1,262.19	10	1,606.44	10	1,950.69	10	2,294.94	10	2,639.19	10	2,983.45	10	3,327.60
1/4	251.17	1/4	595.41	1/4	933.92	1/4	1,269.36	1/4	1,613.61	1/4	1,957.86	1/4	2,302.12	1/4	2,646.37	1/4	2,990.62	1/4	3,334.77
1/2	258.35	1/2	602.58	1/2	940.79	1/2	1,276.53	1/2	1,620.79	1/2	1,965.04	1/2	2,309.29	1/2	2,653.54	1/2	2,997.79	1/2	3,341.94
3/4	265.52	3/4	609.75	3/4	947.65	3/4	1,283.71	3/4	1,627.96	3/4	1,972.21	3/4	2,316.46	3/4	2,660.71	3/4	3,004.96	3/4	3,349.11
11	272.69	11	616.93	11	954.51	11	1,290.88	11	1,635.13	11	1,979.38	11	2,323.63	11	2,667.88	11	3,012.13	11	3,356.28
1/4	279.86	1/4	624.10	1/4	961.38	1/4	1,298.05	1/4	1,642.30	1/4	1,986.55	1/4	2,330.80	1/4	2,675.05	1/4	3,019.31	1/4	3,363.45
1/2	287.03	1/2	631.27	1/2	968.24	1/2	1,305.22	1/2	1,649.47	1/2	1,993.72	1/2	2,337.98	1/2	2,682.23	1/2	3,026.48	1/2	3,370.62
3/4	294.20	3/4	638.44	3/4	975.10	3/4	1,312.39	3/4	1,656.64	3/4	2,000.90	3/4	2,345.15	3/4	2,689.40	3/4	3,033.65	3/4	3,377.79

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "FMT 3294"

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	3,384.96	0	3,729.11	0	4,073.26	0	4,416.96	0	4,759.54	0	5,081.90	0		0		0		0	
1/4	3,392.13	1/4	3,736.28	1/4	4,080.43	1/4	4,424.10	1/4	4,766.68	1/4	5,085.11	1/4		1/4		1/4		1/4	
1/2	3,399.30	1/2	3,743.45	1/2	4,087.60	1/2	4,431.24	1/2	4,773.82	1/2	5,088.32	1/2		1/2		1/2		1/2	
3/4	3,406.47	3/4	3,750.62	3/4	4,094.77	3/4	4,438.38	3/4	4,780.96	3/4	5,091.53	3/4		3/4		3/4		3/4	
1	3,413.64	1	3,757.79	1	4,101.94	1	4,445.51	1	4,788.09	1	5,094.73	1		1		1		1	
1/4	3,420.81	1/4	3,764.96	1/4	4,109.11	1/4	4,452.65	1/4	4,795.23	1/4	5,096.75	1/4		1/4		1/4		1/4	
1/2	3,427.98	1/2	3,772.13	1/2	4,116.28	1/2	4,459.79	1/2	4,802.37	1/2	5,098.76	1/2		1/2		1/2		1/2	
3/4	3,435.15	3/4	3,779.30	3/4	4,123.45	3/4	4,466.92	3/4	4,809.50	3/4	5,100.77	3/4		3/4		3/4		3/4	
2	3,442.32	2	3,786.47	2	4,130.62	2	4,474.06	2	4,816.64	2	5,102.78	2		2		2		2	
1/4	3,449.49	1/4	3,793.64	1/4	4,137.79	1/4	4,481.20	1/4	4,823.78	1/4	5,103.71	1/4		1/4		1/4		1/4	
1/2	3,456.66	1/2	3,800.81	1/2	4,144.96	1/2	4,488.33	1/2	4,830.92	1/2	5,104.64	1/2		1/2		1/2		1/2	
3/4	3,463.83	3/4	3,807.98	3/4	4,152.13	3/4	4,495.47	3/4	4,838.05	3/4		3/4		3/4		3/4		3/4	
3	3,471.00	3	3,815.15	3	4,159.30	3	4,502.61	3	4,845.19	3		3		3		3		3	
1/4	3,478.17	1/4	3,822.32	1/4	4,166.47	1/4	4,509.75	1/4	4,852.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,485.34	1/2	3,829.49	1/2	4,173.64	1/2	4,516.88	1/2	4,859.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,492.51	3/4	3,836.66	3/4	4,180.81	3/4	4,524.02	3/4	4,866.60	3/4		3/4		3/4		3/4		3/4	
4	3,499.68	4	3,843.83	4	4,187.98	4	4,531.16	4	4,873.74	4		4		4		4		4	
1/4	3,506.85	1/4	3,851.00	1/4	4,195.15	1/4	4,538.29	1/4	4,880.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,514.02	1/2	3,858.17	1/2	4,202.32	1/2	4,545.43	1/2	4,887.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,521.19	3/4	3,865.34	3/4	4,209.49	3/4	4,552.57	3/4	4,895.08	3/4		3/4		3/4		3/4		3/4	
5	3,528.36	5	3,872.51	5	4,216.66	5	4,559.71	5	4,902.20	5		5		5		5		5	
1/4	3,535.53	1/4	3,879.68	1/4	4,223.83	1/4	4,566.84	1/4	4,909.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,542.70	1/2	3,886.85	1/2	4,231.00	1/2	4,573.98	1/2	4,916.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,549.87	3/4	3,894.02	3/4	4,238.17	3/4	4,581.12	3/4	4,923.47	3/4		3/4		3/4		3/4		3/4	
6	3,557.04	6	3,901.19	6	4,245.34	6	4,588.25	6	4,930.57	6		6		6		6		6	
1/4	3,564.21	1/4	3,908.36	1/4	4,252.51	1/4	4,595.39	1/4	4,937.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,571.38	1/2	3,915.53	1/2	4,259.68	1/2	4,602.53	1/2	4,944.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,578.55	3/4	3,922.70	3/4	4,266.85	3/4	4,609.67	3/4	4,951.84	3/4		3/4		3/4		3/4		3/4	
7	3,585.72	7	3,929.87	7	4,274.02	7	4,616.80	7	4,958.93	7		7		7		7		7	
1/4	3,592.89	1/4	3,937.04	1/4	4,281.19	1/4	4,623.94	1/4	4,966.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,600.06	1/2	3,944.21	1/2	4,288.36	1/2	4,631.08	1/2	4,973.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,607.23	3/4	3,951.38	3/4	4,295.53	3/4	4,638.21	3/4	4,980.18	3/4		3/4		3/4		3/4		3/4	
8	3,614.40	8	3,958.55	8	4,302.70	8	4,645.35	8	4,987.26	8		8		8		8		8	
1/4	3,621.57	1/4	3,965.72	1/4	4,309.85	1/4	4,652.49	1/4	4,994.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.74	1/2	3,972.89	1/2	4,317.01	1/2	4,659.63	1/2	5,001.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,635.91	3/4	3,980.06	3/4	4,324.16	3/4	4,666.76	3/4	5,008.41	3/4		3/4		3/4		3/4		3/4	
9	3,643.08	9	3,987.23	9	4,331.32	9	4,673.90	9	5,015.46	9		9		9		9		9	
1/4	3,650.25	1/4	3,994.40	1/4	4,338.46	1/4	4,681.04	1/4	5,022.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,657.42	1/2	4,001.57	1/2	4,345.59	1/2	4,688.17	1/2	5,028.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,664.58	3/4	4,008.74	3/4	4,352.73	3/4	4,695.31	3/4	5,035.29	3/4		3/4		3/4		3/4		3/4	
10	3,671.75	10	4,015.91	10	4,359.87	10	4,702.45	10	5,041.90	10		10		10		10		10	
1/4	3,678.92	1/4	4,023.08	1/4	4,367.00	1/4	4,709.59	1/4	5,047.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,686.09	1/2	4,030.24	1/2	4,374.14	1/2	4,716.72	1/2	5,053.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,693.26	3/4	4,037.41	3/4	4,381.28	3/4	4,723.86	3/4	5,058.70	3/4		3/4		3/4		3/4		3/4	
11	3,700.43	11	4,044.58	11	4,388.42	11	4,731.00	11	5,064.29	11		11		11		11		11	
1/4	3,707.60	1/4	4,051.75	1/4	4,395.55	1/4	4,738.13	1/4	5,068.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,714.77	1/2	4,058.92	1/2	4,402.69	1/2	4,745.27	1/2	5,073.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,721.94	3/4	4,066.09	3/4	4,409.83	3/4	4,752.41	3/4	5,077.50	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

2 STBD

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.16	0	300.88	0	644.55	0	987.96	0	1,331.42	0	1,675.11	0	2,018.79	0	2,362.48	0	2,706.16	0	3,049.85
1/4	3.95	1/4	308.04	1/4	651.71	1/4	995.10	1/4	1,338.58	1/4	1,682.27	1/4	2,025.95	1/4	2,369.64	1/4	2,713.32	1/4	3,057.01
1/2	5.74	1/2	315.20	1/2	658.87	1/2	1,002.25	1/2	1,345.74	1/2	1,689.43	1/2	2,033.11	1/2	2,376.80	1/2	2,720.48	1/2	3,064.17
3/4	7.53	3/4	322.36	3/4	666.03	3/4	1,009.40	3/4	1,352.90	3/4	1,696.59	3/4	2,040.27	3/4	2,383.96	3/4	2,727.64	3/4	3,071.33
1	9.32	1	329.52	1	703.19	1	1,016.54	1	1,360.06	1	1,703.75	1	2,047.43	1	2,391.12	1	2,734.80	1	3,078.49
1/4	12.90	1/4	336.68	1/4	680.35	1/4	1,023.69	1/4	1,367.22	1/4	1,710.91	1/4	2,054.59	1/4	2,398.28	1/4	2,741.96	1/4	3,085.65
1/2	16.48	1/2	343.84	1/2	687.51	1/2	1,030.83	1/2	1,374.38	1/2	1,718.07	1/2	2,061.75	1/2	2,405.44	1/2	2,749.12	1/2	3,092.81
3/4	20.06	3/4	351.00	3/4	694.67	3/4	1,037.98	3/4	1,381.54	3/4	1,725.23	3/4	2,068.91	3/4	2,412.60	3/4	2,756.28	3/4	3,099.97
2	23.64	2	358.16	2	701.83	2	1,045.13	2	1,388.70	2	1,732.39	2	2,076.07	2	2,419.76	2	2,763.44	2	3,107.12
1/4	29.00	1/4	365.32	1/4	708.99	1/4	1,052.27	1/4	1,395.86	1/4	1,739.55	1/4	2,083.23	1/4	2,426.92	1/4	2,770.60	1/4	3,114.28
1/2	34.37	1/2	372.48	1/2	716.15	1/2	1,059.42	1/2	1,403.02	1/2	1,746.71	1/2	2,090.39	1/2	2,434.08	1/2	2,777.76	1/2	3,121.44
3/4	39.74	3/4	379.64	3/4	723.31	3/4	1,066.56	3/4	1,410.19	3/4	1,753.87	3/4	2,097.55	3/4	2,441.24	3/4	2,784.92	3/4	3,128.60
3	45.11	3	386.80	3	730.47	3	1,073.71	3	1,417.35	3	1,761.03	3	2,104.71	3	2,448.40	3	2,792.08	3	3,135.76
1/4	51.81	1/4	393.96	1/4	737.63	1/4	1,080.86	1/4	1,424.51	1/4	1,768.19	1/4	2,111.87	1/4	2,455.56	1/4	2,799.24	1/4	3,142.91
1/2	58.50	1/2	401.12	1/2	744.79	1/2	1,088.01	1/2	1,431.67	1/2	1,775.35	1/2	2,119.03	1/2	2,462.72	1/2	2,806.40	1/2	3,150.07
3/4	65.19	3/4	408.28	3/4	751.95	3/4	1,095.16	3/4	1,438.83	3/4	1,782.51	3/4	2,126.20	3/4	2,469.88	3/4	2,813.56	3/4	3,157.23
4	71.89	4	415.44	4	759.11	4	1,102.31	4	1,445.99	4	1,789.67	4	2,133.36	4	2,477.04	4	2,820.72	4	3,164.39
1/4	79.02	1/4	422.60	1/4	766.27	1/4	1,109.47	1/4	1,453.15	1/4	1,796.83	1/4	2,140.52	1/4	2,484.20	1/4	2,827.88	1/4	3,171.55
1/2	86.16	1/2	429.76	1/2	773.43	1/2	1,116.63	1/2	1,460.31	1/2	1,803.99	1/2	2,147.68	1/2	2,491.36	1/2	2,835.04	1/2	3,178.70
3/4	93.30	3/4	436.92	3/4	780.59	3/4	1,123.78	3/4	1,467.47	3/4	1,811.15	3/4	2,154.84	3/4	2,498.52	3/4	2,842.21	3/4	3,185.86
5	100.43	5	444.08	5	787.75	5	1,130.94	5	1,474.63	5	1,818.31	5	2,162.00	5	2,505.68	5	2,849.37	5	3,193.02
1/4	107.59	1/4	451.24	1/4	794.91	1/4	1,138.10	1/4	1,481.79	1/4	1,825.47	1/4	2,169.16	1/4	2,512.84	1/4	2,856.53	1/4	3,200.18
1/2	114.74	1/2	458.40	1/2	802.07	1/2	1,145.26	1/2	1,488.95	1/2	1,832.63	1/2	2,176.32	1/2	2,520.00	1/2	2,863.69	1/2	3,207.34
3/4	121.89	3/4	465.56	3/4	809.23	3/4	1,152.42	3/4	1,496.11	3/4	1,839.79	3/4	2,183.48	3/4	2,527.16	3/4	2,870.85	3/4	3,214.50
6	129.05	6	472.72	6	816.39	6	1,159.58	6	1,503.27	6	1,846.95	6	2,190.64	6	2,534.32	6	2,878.01	6	3,221.65
1/4	136.21	1/4	479.88	1/4	823.55	1/4	1,166.74	1/4	1,510.43	1/4	1,854.11	1/4	2,197.80	1/4	2,541.48	1/4	2,885.17	1/4	3,228.81
1/2	143.37	1/2	487.04	1/2	830.71	1/2	1,173.90	1/2	1,517.59	1/2	1,861.27	1/2	2,204.96	1/2	2,548.64	1/2	2,892.33	1/2	3,235.97
3/4	150.53	3/4	494.20	3/4	837.86	3/4	1,181.06	3/4	1,524.75	3/4	1,868.43	3/4	2,212.12	3/4	2,555.80	3/4	2,899.49	3/4	3,243.13
7	157.69	7	501.36	7	845.02	7	1,188.22	7	1,531.91	7	1,875.59	7	2,219.28	7	2,562.96	7	2,906.65	7	3,250.29
1/4	164.84	1/4	508.52	1/4	852.17	1/4	1,195.38	1/4	1,539.07	1/4	1,882.75	1/4	2,226.44	1/4	2,570.12	1/4	2,913.81	1/4	3,257.44
1/2	172.00	1/2	515.68	1/2	859.32	1/2	1,202.54	1/2	1,546.23	1/2	1,889.91	1/2	2,233.60	1/2	2,577.28	1/2	2,920.97	1/2	3,264.60
3/4	179.16	3/4	522.83	3/4	866.47	3/4	1,209.70	3/4	1,553.39	3/4	1,897.07	3/4	2,240.76	3/4	2,584.44	3/4	2,928.13	3/4	3,271.76
8	186.32	8	529.99	8	873.62	8	1,216.86	8	1,560.55	8	1,904.23	8	2,247.92	8	2,591.60	8	2,935.29	8	3,278.92
1/4	193.48	1/4	537.15	1/4	880.77	1/4	1,224.02	1/4	1,567.71	1/4	1,911.39	1/4	2,255.08	1/4	2,598.76	1/4	2,942.45	1/4	3,286.08
1/2	200.64	1/2	544.31	1/2	887.92	1/2	1,231.18	1/2	1,574.87	1/2	1,918.55	1/2	2,262.24	1/2	2,605.92	1/2	2,949.61	1/2	3,293.23
3/4	207.80	3/4	551.47	3/4	895.06	3/4	1,238.34	3/4	1,582.03	3/4	1,925.71	3/4	2,269.40	3/4	2,613.08	3/4	2,956.77	3/4	3,300.39
9	214.96	9	558.63	9	902.21	9	1,245.50	9	1,589.19	9	1,932.87	9	2,276.56	9	2,620.24	9	2,963.93	9	3,307.55
1/4	222.12	1/4	565.79	1/4	909.35	1/4	1,252.66	1/4	1,596.35	1/4	1,940.03	1/4	2,283.72	1/4	2,627.40	1/4	2,971.09	1/4	3,314.71
1/2	229.28	1/2	572.95	1/2	916.50	1/2	1,259.82	1/2	1,603.51	1/2	1,947.19	1/2	2,290.88	1/2	2,634.56	1/2	2,978.25	1/2	3,321.87
3/4	236.44	3/4	580.11	3/4	923.64	3/4	1,266.98	3/4	1,610.67	3/4	1,954.35	3/4	2,298.04	3/4	2,641.72	3/4	2,985.41	3/4	3,329.02
10	243.60	10	587.27	10	930.79	10	1,274.14	10	1,617.83	10	1,961.51	10	2,305.20	10	2,648.88	10	2,992.57	10	3,336.18
1/4	250.76	1/4	594.43	1/4	937.94	1/4	1,281.30	1/4	1,624.99	1/4	1,968.67	1/4	2,312.36	1/4	2,656.04	1/4	2,999.73	1/4	3,343.34
1/2	257.92	1/2	601.59	1/2	945.08	1/2	1,288.46	1/2	1,632.15	1/2	1,975.83	1/2	2,319.52	1/2	2,663.20	1/2	3,006.89	1/2	3,350.50
3/4	265.08	3/4	608.75	3/4	952.23	3/4	1,295.62	3/4	1,639.31	3/4	1,982.99	3/4	2,326.68	3/4	2,670.36	3/4	3,014.05	3/4	3,357.66
11	272.24	11	615.91	11	959.37	11	1,302.78	11	1,646.47	11	1,990.15	11	2,333.84	11	2,677.52	11	3,021.21	11	3,364.82
1/4	279.40	1/4	623.07	1/4	966.52	1/4	1,309.94	1/4	1,653.63	1/4	1,997.31	1/4	2,341.00	1/4	2,684.68	1/4	3,028.37	1/4	3,371.97
1/2	286.56	1/2	630.23	1/2	973.67	1/2	1,317.10	1/2	1,660.79	1/2	2,004.47	1/2	2,348.16	1/2	2,691.84	1/2	3,035.53	1/2	3,379.13
3/4	293.72	3/4	637.39	3/4	980.81	3/4	1,324.26	3/4	1,667.95	3/4	2,011.63	3/4	2,355.32	3/4	2,699.00	3/4	3,042.69	3/4	3,386.29

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "FMT 3294"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,393.45	0	3,737.05	0	4,080.74	0	4,423.96	0	4,766.08	0	5,088.01	0		0		0		0	
1/4	3,400.61	1/4	3,744.21	1/4	4,087.90	1/4	4,431.09	1/4	4,773.21	1/4	5,091.21	1/4		1/4		1/4		1/4	
1/2	3,407.76	1/2	3,751.37	1/2	4,095.06	1/2	4,438.22	1/2	4,780.33	1/2	5,094.42	1/2		1/2		1/2		1/2	
3/4	3,414.92	3/4	3,758.53	3/4	4,102.22	3/4	4,445.35	3/4	4,787.46	3/4	5,097.62	3/4		3/4		3/4		3/4	
1	3,422.08	1	3,765.69	1	4,109.38	1	4,452.47	1	4,794.59	1	5,100.82	1		1		1		1	
1/4	3,429.24	1/4	3,772.85	1/4	4,116.54	1/4	4,459.60	1/4	4,801.72	1/4	5,102.83	1/4		1/4		1/4		1/4	
1/2	3,436.40	1/2	3,780.01	1/2	4,123.70	1/2	4,466.73	1/2	4,808.84	1/2	5,104.85	1/2		1/2		1/2		1/2	
3/4	3,443.55	3/4	3,787.17	3/4	4,130.86	3/4	4,473.86	3/4	4,815.97	3/4	5,106.86	3/4		3/4		3/4		3/4	
2	3,450.71	2	3,794.33	2	4,138.02	2	4,480.98	2	4,823.10	2	5,108.87	2		2		2		2	
1/4	3,457.87	1/4	3,801.49	1/4	4,145.18	1/4	4,488.11	1/4	4,830.23	1/4	5,109.80	1/4		1/4		1/4		1/4	
1/2	3,465.03	1/2	3,808.65	1/2	4,152.34	1/2	4,495.24	1/2	4,837.35	1/2	5,110.73	1/2		1/2		1/2		1/2	
3/4	3,472.19	3/4	3,815.81	3/4	4,159.50	3/4	4,502.37	3/4	4,844.48	3/4		3/4		3/4		3/4		3/4	
3	3,479.34	3	3,822.97	3	4,166.66	3	4,509.49	3	4,851.61	3		3		3		3		3	
1/4	3,486.50	1/4	3,830.13	1/4	4,173.82	1/4	4,516.62	1/4	4,858.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,493.66	1/2	3,837.29	1/2	4,180.98	1/2	4,523.75	1/2	4,865.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,500.82	3/4	3,844.45	3/4	4,188.14	3/4	4,530.87	3/4	4,872.99	3/4		3/4		3/4		3/4		3/4	
4	3,507.98	4	3,851.61	4	4,195.30	4	4,538.00	4	4,880.12	4		4		4		4		4	
1/4	3,515.14	1/4	3,858.77	1/4	4,202.46	1/4	4,545.13	1/4	4,887.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,522.29	1/2	3,865.93	1/2	4,209.62	1/2	4,552.26	1/2	4,894.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,529.45	3/4	3,873.09	3/4	4,216.78	3/4	4,559.38	3/4	4,901.43	3/4		3/4		3/4		3/4		3/4	
5	3,536.61	5	3,880.25	5	4,223.94	5	4,566.51	5	4,908.54	5		5		5		5		5	
1/4	3,543.77	1/4	3,887.41	1/4	4,231.10	1/4	4,573.64	1/4	4,915.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,550.93	1/2	3,894.57	1/2	4,238.26	1/2	4,580.77	1/2	4,922.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,558.08	3/4	3,901.73	3/4	4,245.42	3/4	4,587.89	3/4	4,929.79	3/4		3/4		3/4		3/4		3/4	
6	3,565.24	6	3,908.90	6	4,252.58	6	4,595.02	6	4,936.87	6		6		6		6		6	
1/4	3,572.40	1/4	3,916.06	1/4	4,259.74	1/4	4,602.15	1/4	4,943.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,579.56	1/2	3,923.22	1/2	4,266.91	1/2	4,609.28	1/2	4,951.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,586.72	3/4	3,930.38	3/4	4,274.07	3/4	4,616.40	3/4	4,958.11	3/4		3/4		3/4		3/4		3/4	
7	3,593.87	7	3,937.54	7	4,281.23	7	4,623.53	7	4,965.19	7		7		7		7		7	
1/4	3,601.03	1/4	3,944.70	1/4	4,288.39	1/4	4,630.66	1/4	4,972.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.19	1/2	3,951.86	1/2	4,295.55	1/2	4,637.79	1/2	4,979.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.35	3/4	3,959.02	3/4	4,302.71	3/4	4,644.91	3/4	4,986.42	3/4		3/4		3/4		3/4		3/4	
8	3,622.51	8	3,966.18	8	4,309.87	8	4,652.04	8	4,993.49	8		8		8		8		8	
1/4	3,629.66	1/4	3,973.34	1/4	4,317.01	1/4	4,659.17	1/4	5,000.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,636.82	1/2	3,980.50	1/2	4,324.15	1/2	4,666.30	1/2	5,007.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.98	3/4	3,987.66	3/4	4,331.29	3/4	4,673.42	3/4	5,014.61	3/4		3/4		3/4		3/4		3/4	
9	3,651.14	9	3,994.82	9	4,338.44	9	4,680.55	9	5,021.65	9		9		9		9		9	
1/4	3,658.30	1/4	4,001.98	1/4	4,345.56	1/4	4,687.68	1/4	5,028.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.46	1/2	4,009.14	1/2	4,352.69	1/2	4,694.81	1/2	5,034.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.61	3/4	4,016.30	3/4	4,359.82	3/4	4,701.93	3/4	5,041.46	3/4		3/4		3/4		3/4		3/4	
10	3,679.77	10	4,023.46	10	4,366.94	10	4,709.06	10	5,048.06	10		10		10		10		10	
1/4	3,686.93	1/4	4,030.62	1/4	4,374.07	1/4	4,716.19	1/4	5,053.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,694.09	1/2	4,037.78	1/2	4,381.20	1/2	4,723.31	1/2	5,059.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,701.25	3/4	4,044.94	3/4	4,388.33	3/4	4,730.44	3/4	5,064.83	3/4		3/4		3/4		3/4		3/4	
11	3,708.41	11	4,052.10	11	4,395.45	11	4,737.57	11	5,070.42	11		11		11		11		11	
1/4	3,715.57	1/4	4,059.26	1/4	4,402.58	1/4	4,744.70	1/4	5,074.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,722.73	1/2	4,066.42	1/2	4,409.71	1/2	4,751.82	1/2	5,079.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,729.89	3/4	4,073.58	3/4	4,416.84	3/4	4,758.95	3/4	5,083.61	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

3 PORT INNAGE TABLE

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	299.92	0	642.05	0	976.32	0	1,311.80	0	1,653.75	0	1,995.70	0	2,337.66	0	2,679.58	0	3,021.65
1/4	3.94	1/4	307.05	1/4	649.17	1/4	983.13	1/4	1,318.92	1/4	1,660.88	1/4	2,002.83	1/4	2,344.78	1/4	2,686.70	1/4	3,028.78
1/2	5.72	1/2	314.19	1/2	656.30	1/2	989.95	1/2	1,326.05	1/2	1,668.00	1/2	2,009.95	1/2	2,351.90	1/2	2,693.82	1/2	3,035.90
3/4	7.50	3/4	321.33	3/4	663.42	3/4	996.76	3/4	1,333.17	3/4	1,675.12	3/4	2,017.08	3/4	2,359.03	3/4	2,700.95	3/4	3,043.03
1	9.29	1	328.46	1	670.55	1	1,003.58	1	1,340.30	1	1,682.25	1	2,024.20	1	2,366.15	1	2,708.07	1	3,050.16
1/4	12.86	1/4	335.60	1/4	677.67	1/4	1,010.39	1/4	1,347.42	1/4	1,689.37	1/4	2,031.32	1/4	2,373.28	1/4	2,715.19	1/4	3,057.28
1/2	16.42	1/2	342.74	1/2	684.80	1/2	1,017.20	1/2	1,354.54	1/2	1,696.50	1/2	2,038.45	1/2	2,380.40	1/2	2,722.31	1/2	3,064.39
3/4	19.99	3/4	349.88	3/4	691.92	3/4	1,024.02	3/4	1,361.67	3/4	1,703.62	3/4	2,045.57	3/4	2,387.52	3/4	2,729.44	3/4	3,071.51
2	23.56	2	357.01	2	699.05	2	1,030.83	2	1,368.79	2	1,710.74	2	2,052.70	2	2,394.65	2	2,736.56	2	3,078.63
1/4	28.91	1/4	364.14	1/4	706.18	1/4	1,037.65	1/4	1,375.92	1/4	1,717.87	1/4	2,059.82	1/4	2,401.77	1/4	2,743.68	1/4	3,085.75
1/2	34.26	1/2	371.27	1/2	713.30	1/2	1,044.46	1/2	1,383.04	1/2	1,724.99	1/2	2,066.94	1/2	2,408.90	1/2	2,750.81	1/2	3,092.87
3/4	39.62	3/4	378.41	3/4	720.43	3/4	1,051.28	3/4	1,390.16	3/4	1,732.12	3/4	2,074.07	3/4	2,416.02	3/4	2,757.93	3/4	3,099.99
3	44.97	3	385.54	3	727.55	3	1,058.09	3	1,397.29	3	1,739.24	3	2,081.19	3	2,423.14	3	2,765.05	3	3,107.11
1/4	51.64	1/4	392.66	1/4	734.68	1/4	1,064.91	1/4	1,404.41	1/4	1,746.36	1/4	2,088.32	1/4	2,430.27	1/4	2,772.18	1/4	3,114.22
1/2	58.31	1/2	399.79	1/2	741.80	1/2	1,071.73	1/2	1,411.54	1/2	1,753.49	1/2	2,095.44	1/2	2,437.39	1/2	2,779.30	1/2	3,121.33
3/4	64.98	3/4	406.91	3/4	748.93	3/4	1,078.54	3/4	1,418.66	3/4	1,760.61	3/4	2,102.56	3/4	2,444.52	3/4	2,786.42	3/4	3,128.44
4	71.66	4	414.04	4	756.05	4	1,085.36	4	1,425.78	4	1,767.74	4	2,109.69	4	2,451.64	4	2,793.55	4	3,135.55
1/4	78.77	1/4	421.16	1/4	763.18	1/4	1,092.22	1/4	1,432.91	1/4	1,774.86	1/4	2,116.81	1/4	2,458.76	1/4	2,800.67	1/4	3,142.65
1/2	85.88	1/2	428.29	1/2	770.30	1/2	1,099.08	1/2	1,440.03	1/2	1,781.98	1/2	2,123.94	1/2	2,465.89	1/2	2,807.79	1/2	3,149.75
3/4	93.00	3/4	435.41	3/4	777.43	3/4	1,105.93	3/4	1,447.16	3/4	1,789.11	3/4	2,131.06	3/4	2,473.01	3/4	2,814.91	3/4	3,156.85
5	100.11	5	442.54	5	784.55	5	1,112.79	5	1,454.28	5	1,796.23	5	2,138.18	5	2,480.14	5	2,822.04	5	3,163.96
1/4	107.24	1/4	449.66	1/4	791.56	1/4	1,119.80	1/4	1,461.40	1/4	1,803.36	1/4	2,145.31	1/4	2,487.26	1/4	2,829.16	1/4	3,171.06
1/2	114.37	1/2	456.79	1/2	798.57	1/2	1,126.81	1/2	1,468.53	1/2	1,810.48	1/2	2,152.43	1/2	2,494.38	1/2	2,836.28	1/2	3,178.16
3/4	121.50	3/4	463.91	3/4	805.58	3/4	1,133.82	3/4	1,475.65	3/4	1,817.60	3/4	2,159.56	3/4	2,501.50	3/4	2,843.41	3/4	3,185.26
6	128.63	6	471.04	6	812.59	6	1,140.82	6	1,482.78	6	1,824.73	6	2,166.68	6	2,508.62	6	2,850.53	6	3,192.36
1/4	135.77	1/4	478.17	1/4	819.45	1/4	1,147.95	1/4	1,489.90	1/4	1,831.85	1/4	2,173.80	1/4	2,515.74	1/4	2,857.65	1/4	3,199.46
1/2	142.91	1/2	485.29	1/2	826.30	1/2	1,155.07	1/2	1,497.02	1/2	1,838.98	1/2	2,180.93	1/2	2,522.87	1/2	2,864.78	1/2	3,206.57
3/4	150.04	3/4	492.42	3/4	833.16	3/4	1,162.20	3/4	1,504.15	3/4	1,846.10	3/4	2,188.05	3/4	2,529.99	3/4	2,871.90	3/4	3,213.67
7	157.18	7	499.54	7	840.02	7	1,169.32	7	1,511.27	7	1,853.22	7	2,195.18	7	2,537.11	7	2,879.02	7	3,220.77
1/4	164.32	1/4	506.67	1/4	846.84	1/4	1,176.44	1/4	1,518.40	1/4	1,860.35	1/4	2,202.30	1/4	2,544.24	1/4	2,886.15	1/4	3,227.87
1/2	171.45	1/2	513.79	1/2	853.66	1/2	1,183.57	1/2	1,525.52	1/2	1,867.47	1/2	2,209.42	1/2	2,551.36	1/2	2,893.27	1/2	3,234.97
3/4	178.59	3/4	520.92	3/4	860.47	3/4	1,190.69	3/4	1,532.64	3/4	1,874.60	3/4	2,216.55	3/4	2,558.48	3/4	2,900.39	3/4	3,242.07
8	185.73	8	528.04	8	867.29	8	1,197.82	8	1,539.77	8	1,881.72	8	2,223.67	8	2,565.61	8	2,907.51	8	3,249.17
1/4	192.86	1/4	535.17	1/4	874.11	1/4	1,204.94	1/4	1,546.89	1/4	1,888.84	1/4	2,230.80	1/4	2,572.73	1/4	2,914.64	1/4	3,256.28
1/2	200.00	1/2	542.29	1/2	880.92	1/2	1,212.06	1/2	1,554.02	1/2	1,895.97	1/2	2,237.92	1/2	2,579.85	1/2	2,921.77	1/2	3,263.38
3/4	207.14	3/4	549.42	3/4	887.73	3/4	1,219.19	3/4	1,561.14	3/4	1,903.09	3/4	2,245.04	3/4	2,586.98	3/4	2,928.90	3/4	3,270.48
9	214.27	9	556.54	9	894.55	9	1,226.31	9	1,568.26	9	1,910.22	9	2,252.17	9	2,594.10	9	2,936.03	9	3,277.58
1/4	221.41	1/4	563.67	1/4	901.36	1/4	1,233.44	1/4	1,575.39	1/4	1,917.34	1/4	2,259.29	1/4	2,601.22	1/4	2,943.17	1/4	3,284.69
1/2	228.55	1/2	570.79	1/2	908.18	1/2	1,240.56	1/2	1,582.51	1/2	1,924.46	1/2	2,266.42	1/2	2,608.34	1/2	2,950.30	1/2	3,291.79
3/4	235.68	3/4	577.92	3/4	914.99	3/4	1,247.68	3/4	1,589.64	3/4	1,931.59	3/4	2,273.54	3/4	2,615.47	3/4	2,957.44	3/4	3,298.89
10	242.82	10	585.05	10	921.80	10	1,254.81	10	1,596.76	10	1,938.71	10	2,280.66	10	2,622.59	10	2,964.57	10	3,306.00
1/4	249.96	1/4	592.17	1/4	928.62	1/4	1,261.93	1/4	1,603.88	1/4	1,945.84	1/4	2,287.79	1/4	2,629.71	1/4	2,971.70	1/4	3,313.10
1/2	257.10	1/2	599.30	1/2	935.43	1/2	1,269.06	1/2	1,611.01	1/2	1,952.96	1/2	2,294.91	1/2	2,636.84	1/2	2,978.84	1/2	3,320.20
3/4	264.23	3/4	606.42	3/4	942.25	3/4	1,276.18	3/4	1,618.13	3/4	1,960.08	3/4	2,302.04	3/4	2,643.96	3/4	2,985.97	3/4	3,327.31
11	271.37	11	613.55	11	949.06	11	1,283.30	11	1,625.26	11	1,967.21	11	2,309.16	11	2,651.08	11	2,993.11	11	3,334.41
1/4	278.51	1/4	620.67	1/4	955.87	1/4	1,290.43	1/4	1,632.38	1/4	1,974.33	1/4	2,316.28	1/4	2,658.21	1/4	3,000.24	1/4	3,340.13
1/2	285.64	1/2	627.80	1/2	962.69	1/2	1,297.55	1/2	1,639.50	1/2	1,981.46	1/2	2,323.41	1/2	2,665.33	1/2	3,007.38	1/2	3,345.85
3/4	292.78	3/4	634.92	3/4	969.50	3/4	1,304.68	3/4	1,646.63	3/4	1,988.58	3/4	2,330.53	3/4	2,672.45	3/4	3,014.51	3/4	3,351.57

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "FMT 3294"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,357.30	0	3,566.47	0	3,776.42	0	3,986.10	0	4,195.13	0	4,385.86	0		0		0		0	
1/4	3,361.64	1/4	3,570.85	1/4	3,780.79	1/4	3,990.46	1/4	4,199.49	1/4	4,387.57	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,365.98	1/2	3,575.22	1/2	3,785.17	1/2	3,994.81	1/2	4,203.84	1/2	4,389.28	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,370.32	3/4	3,579.59	3/4	3,789.54	3/4	3,999.17	3/4	4,208.20	3/4	4,390.99	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,374.66	1	3,583.97	1	3,793.92	1	4,003.52	1	4,212.55	1	4,392.70	1	1	1	1	1	1	1	1
1/4	3,379.01	1/4	3,588.34	1/4	3,798.29	1/4	4,007.88	1/4	4,216.91	1/4	4,394.40	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,383.35	1/2	3,592.72	1/2	3,802.66	1/2	4,012.23	1/2	4,221.26	1/2	4,396.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,387.70	3/4	3,597.09	3/4	3,807.04	3/4	4,016.59	3/4	4,225.62	3/4	4,397.82	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,392.05	2	3,601.46	2	3,811.41	2	4,020.94	2	4,229.97	2	4,399.53	2	2	2	2	2	2	2	2
1/4	3,396.41	1/4	3,605.84	1/4	3,815.78	1/4	4,025.29	1/4	4,234.33	1/4	4,400.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,400.77	1/2	3,610.21	1/2	3,820.16	1/2	4,029.65	1/2	4,238.68	1/2	4,401.69	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,405.13	3/4	3,614.59	3/4	3,824.53	3/4	4,034.00	3/4	4,243.03	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,409.48	3	3,618.96	3	3,828.91	3	4,038.36	3	4,247.39	3		3	3	3	3	3	3	3	3
1/4	3,413.84	1/4	3,623.33	1/4	3,833.28	1/4	4,042.71	1/4	4,251.74	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,418.20	1/2	3,627.71	1/2	3,837.65	1/2	4,047.07	1/2	4,256.10	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,422.56	3/4	3,632.08	3/4	3,842.03	3/4	4,051.42	3/4	4,260.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,426.92	4	3,636.45	4	3,846.40	4	4,055.78	4	4,264.81	4		4	4	4	4	4	4	4	4
1/4	3,431.28	1/4	3,640.83	1/4	3,850.78	1/4	4,060.13	1/4	4,269.15	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,435.63	1/2	3,645.20	1/2	3,855.15	1/2	4,064.49	1/2	4,273.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,439.99	3/4	3,649.58	3/4	3,859.52	3/4	4,068.84	3/4	4,277.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,444.35	5	3,653.95	5	3,863.90	5	4,073.20	5	4,282.17	5		5	5	5	5	5	5	5	5
1/4	3,448.71	1/4	3,658.32	1/4	3,868.27	1/4	4,077.55	1/4	4,286.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,453.07	1/2	3,662.70	1/2	3,872.65	1/2	4,081.91	1/2	4,290.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,457.42	3/4	3,667.07	3/4	3,877.02	3/4	4,086.26	3/4	4,295.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,461.78	6	3,671.45	6	3,881.39	6	4,090.62	6	4,299.48	6		6	6	6	6	6	6	6	6
1/4	3,466.14	1/4	3,675.82	1/4	3,885.77	1/4	4,094.97	1/4	4,303.81	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,470.50	1/2	3,680.19	1/2	3,890.14	1/2	4,099.33	1/2	4,308.14	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,474.86	3/4	3,684.57	3/4	3,894.52	3/4	4,103.68	3/4	4,312.46	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,479.21	7	3,688.94	7	3,898.89	7	4,108.04	7	4,316.79	7		7	7	7	7	7	7	7	7
1/4	3,483.57	1/4	3,693.32	1/4	3,903.26	1/4	4,112.39	1/4	4,321.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,487.93	1/2	3,697.69	1/2	3,907.64	1/2	4,116.75	1/2	4,325.42	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,492.29	3/4	3,702.06	3/4	3,912.01	3/4	4,121.10	3/4	4,329.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,496.65	8	3,706.44	8	3,916.38	8	4,125.46	8	4,334.06	8		8	8	8	8	8	8	8	8
1/4	3,501.00	1/4	3,710.81	1/4	3,920.75	1/4	4,129.81	1/4	4,338.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,505.36	1/2	3,715.19	1/2	3,925.11	1/2	4,134.16	1/2	4,342.63	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,509.72	3/4	3,719.56	3/4	3,929.48	3/4	4,138.52	3/4	4,346.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,514.08	9	3,723.93	9	3,933.84	9	4,142.87	9	4,351.20	9		9	9	9	9	9	9	9	9
1/4	3,518.44	1/4	3,728.31	1/4	3,938.20	1/4	4,147.23	1/4	4,355.05	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,522.80	1/2	3,732.68	1/2	3,942.55	1/2	4,151.58	1/2	4,358.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,527.15	3/4	3,737.05	3/4	3,946.91	3/4	4,155.94	3/4	4,362.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,531.51	10	3,741.43	10	3,951.26	10	4,160.29	10	4,366.59	10		10	10	10	10	10	10	10	10
1/4	3,535.88	1/4	3,745.80	1/4	3,955.62	1/4	4,164.65	1/4	4,369.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,540.24	1/2	3,750.18	1/2	3,959.97	1/2	4,169.00	1/2	4,372.27	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,544.61	3/4	3,754.55	3/4	3,964.33	3/4	4,173.36	3/4	4,375.11	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,548.98	11	3,758.92	11	3,968.68	11	4,177.71	11	4,377.95	11		11	11	11	11	11	11	11	11
1/4	3,553.35	1/4	3,763.30	1/4	3,973.04	1/4	4,182.07	1/4	4,379.93	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,557.72	1/2	3,767.67	1/2	3,977.39	1/2	4,186.42	1/2	4,381.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,562.10	3/4	3,772.05	3/4	3,981.75	3/4	4,190.78	3/4	4,383.88	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: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

3 STBD INNAGE TABLE

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.14	0	299.02	0	640.56	0	981.83	0	1,323.16	0	1,664.71	0	2,006.25	0	2,347.80	0	2,689.20	0	3,029.88
1/4	3.92	1/4	306.13	1/4	647.68	1/4	988.93	1/4	1,330.27	1/4	1,671.82	1/4	2,013.37	1/4	2,354.92	1/4	2,696.30	1/4	3,036.98
1/2	5.70	1/2	313.25	1/2	654.79	1/2	996.03	1/2	1,337.39	1/2	1,678.94	1/2	2,020.49	1/2	2,362.03	1/2	2,703.39	1/2	3,044.07
3/4	7.48	3/4	320.36	3/4	661.91	3/4	1,003.13	3/4	1,344.50	3/4	1,686.05	3/4	2,027.60	3/4	2,369.15	3/4	2,710.49	3/4	3,051.17
1	9.26	1	327.48	1	669.02	1	1,010.23	1	1,351.62	1	1,693.17	1	2,034.72	1	2,376.27	1	2,717.59	1	3,058.27
1/4	12.82	1/4	334.59	1/4	676.14	1/4	1,017.33	1/4	1,358.73	1/4	1,700.28	1/4	2,041.83	1/4	2,383.38	1/4	2,724.69	1/4	3,065.37
1/2	16.37	1/2	341.71	1/2	683.25	1/2	1,024.44	1/2	1,365.85	1/2	1,707.40	1/2	2,048.95	1/2	2,390.50	1/2	2,731.78	1/2	3,072.46
3/4	19.93	3/4	348.82	3/4	690.37	3/4	1,031.54	3/4	1,372.97	3/4	1,714.51	3/4	2,056.06	3/4	2,397.61	3/4	2,738.88	3/4	3,079.56
2	23.49	2	355.94	2	697.48	2	1,038.64	2	1,380.08	2	1,721.63	2	2,063.18	2	2,404.73	2	2,745.98	2	3,086.66
1/4	28.83	1/4	363.06	1/4	704.60	1/4	1,045.74	1/4	1,387.20	1/4	1,728.75	1/4	2,070.29	1/4	2,411.84	1/4	2,753.08	1/4	3,093.76
1/2	34.16	1/2	370.17	1/2	711.72	1/2	1,052.84	1/2	1,394.31	1/2	1,735.86	1/2	2,077.41	1/2	2,418.96	1/2	2,760.17	1/2	3,100.85
3/4	39.50	3/4	377.29	3/4	718.83	3/4	1,059.94	3/4	1,401.43	3/4	1,742.98	3/4	2,084.53	3/4	2,426.07	3/4	2,767.27	3/4	3,107.95
3	44.83	3	384.40	3	725.95	3	1,067.05	3	1,408.54	3	1,750.09	3	2,091.64	3	2,433.19	3	2,774.37	3	3,115.05
1/4	51.48	1/4	391.52	1/4	733.06	1/4	1,074.15	1/4	1,415.66	1/4	1,757.21	1/4	2,098.76	1/4	2,440.31	1/4	2,781.47	1/4	3,122.14
1/2	58.14	1/2	398.63	1/2	740.18	1/2	1,081.26	1/2	1,422.77	1/2	1,764.32	1/2	2,105.87	1/2	2,447.42	1/2	2,788.56	1/2	3,129.23
3/4	64.79	3/4	405.75	3/4	747.29	3/4	1,088.36	3/4	1,429.89	3/4	1,771.44	3/4	2,112.99	3/4	2,454.54	3/4	2,795.66	3/4	3,136.32
4	71.44	4	412.86	4	754.41	4	1,095.47	4	1,437.01	4	1,778.55	4	2,120.10	4	2,461.65	4	2,802.76	4	3,143.41
1/4	78.53	1/4	419.98	1/4	761.52	1/4	1,102.58	1/4	1,444.12	1/4	1,785.67	1/4	2,127.22	1/4	2,468.77	1/4	2,809.86	1/4	3,150.49
1/2	85.63	1/2	427.10	1/2	768.64	1/2	1,109.69	1/2	1,451.24	1/2	1,792.79	1/2	2,134.33	1/2	2,475.88	1/2	2,816.95	1/2	3,157.57
3/4	92.72	3/4	434.21	3/4	775.75	3/4	1,116.81	3/4	1,458.35	3/4	1,799.90	3/4	2,141.45	3/4	2,483.00	3/4	2,824.05	3/4	3,164.65
5	99.81	5	441.33	5	782.87	5	1,123.92	5	1,465.47	5	1,807.02	5	2,148.57	5	2,490.11	5	2,831.15	5	3,171.73
1/4	106.92	1/4	448.44	1/4	789.99	1/4	1,131.04	1/4	1,472.58	1/4	1,814.13	1/4	2,155.68	1/4	2,497.23	1/4	2,838.25	1/4	3,178.81
1/2	114.03	1/2	455.56	1/2	797.10	1/2	1,138.15	1/2	1,479.70	1/2	1,821.25	1/2	2,162.80	1/2	2,504.35	1/2	2,845.34	1/2	3,185.89
3/4	121.14	3/4	462.67	3/4	804.22	3/4	1,145.27	3/4	1,486.82	3/4	1,828.36	3/4	2,169.91	3/4	2,511.47	3/4	2,852.44	3/4	3,192.97
6	128.25	6	469.79	6	811.33	6	1,152.38	6	1,493.93	6	1,835.48	6	2,177.03	6	2,518.59	6	2,859.54	6	3,200.05
1/4	135.36	1/4	476.90	1/4	818.44	1/4	1,159.50	1/4	1,501.05	1/4	1,842.60	1/4	2,184.14	1/4	2,525.71	1/4	2,866.64	1/4	3,207.13
1/2	142.48	1/2	484.02	1/2	825.56	1/2	1,166.61	1/2	1,508.16	1/2	1,849.71	1/2	2,191.26	1/2	2,532.83	1/2	2,873.73	1/2	3,214.21
3/4	149.59	3/4	491.13	3/4	832.67	3/4	1,173.73	3/4	1,515.28	3/4	1,856.83	3/4	2,198.38	3/4	2,539.94	3/4	2,880.83	3/4	3,221.29
7	156.71	7	498.25	7	839.78	7	1,180.84	7	1,522.39	7	1,863.94	7	2,205.49	7	2,547.06	7	2,887.93	7	3,228.37
1/4	163.82	1/4	505.37	1/4	846.88	1/4	1,187.96	1/4	1,529.51	1/4	1,871.06	1/4	2,212.61	1/4	2,554.18	1/4	2,895.03	1/4	3,235.45
1/2	170.94	1/2	512.48	1/2	853.99	1/2	1,195.08	1/2	1,536.62	1/2	1,878.17	1/2	2,219.72	1/2	2,561.29	1/2	2,902.12	1/2	3,242.53
3/4	178.05	3/4	519.60	3/4	861.09	3/4	1,202.19	3/4	1,543.74	3/4	1,885.29	3/4	2,226.84	3/4	2,568.41	3/4	2,909.22	3/4	3,249.61
8	185.17	8	526.71	8	868.20	8	1,209.31	8	1,550.86	8	1,892.40	8	2,233.95	8	2,575.53	8	2,916.32	8	3,256.69
1/4	192.28	1/4	533.83	1/4	875.30	1/4	1,216.42	1/4	1,557.97	1/4	1,899.52	1/4	2,241.07	1/4	2,582.64	1/4	2,923.42	1/4	3,263.77
1/2	199.40	1/2	540.94	1/2	882.40	1/2	1,223.54	1/2	1,565.09	1/2	1,906.64	1/2	2,248.18	1/2	2,589.76	1/2	2,930.51	1/2	3,270.85
3/4	206.51	3/4	548.06	3/4	889.50	3/4	1,230.65	3/4	1,572.20	3/4	1,913.75	3/4	2,255.30	3/4	2,596.88	3/4	2,937.61	3/4	3,277.93
9	213.63	9	555.17	9	896.61	9	1,237.77	9	1,579.32	9	1,920.87	9	2,262.42	9	2,603.99	9	2,944.71	9	3,285.01
1/4	220.75	1/4	562.29	1/4	903.71	1/4	1,244.88	1/4	1,586.43	1/4	1,927.98	1/4	2,269.53	1/4	2,611.10	1/4	2,951.81	1/4	3,292.09
1/2	227.86	1/2	569.41	1/2	910.81	1/2	1,252.00	1/2	1,593.55	1/2	1,935.10	1/2	2,276.65	1/2	2,618.21	1/2	2,958.90	1/2	3,299.17
3/4	234.98	3/4	576.52	3/4	917.91	3/4	1,259.12	3/4	1,600.66	3/4	1,942.21	3/4	2,283.76	3/4	2,625.31	3/4	2,966.00	3/4	3,306.25
10	242.09	10	583.64	10	925.01	10	1,266.23	10	1,607.78	10	1,949.33	10	2,290.88	10	2,632.42	10	2,973.10	10	3,313.33
1/4	249.21	1/4	590.75	1/4	932.11	1/4	1,273.35	1/4	1,614.90	1/4	1,956.44	1/4	2,297.99	1/4	2,639.52	1/4	2,980.20	1/4	3,320.41
1/2	256.32	1/2	597.87	1/2	939.22	1/2	1,280.46	1/2	1,622.01	1/2	1,963.56	1/2	2,305.11	1/2	2,646.61	1/2	2,987.29	1/2	3,327.49
3/4	263.44	3/4	604.98	3/4	946.32	3/4	1,287.58	3/4	1,629.13	3/4	1,970.68	3/4	2,312.22	3/4	2,653.71	3/4	2,994.39	3/4	3,334.57
11	270.55	11	612.10	11	953.42	11	1,294.69	11	1,636.24	11	1,977.79	11	2,319.34	11	2,660.81	11	3,001.49	11	3,341.65
1/4	277.67	1/4	619.21	1/4	960.52	1/4	1,301.81	1/4	1,643.36	1/4	1,984.91	1/4	2,326.46	1/4	2,667.91	1/4	3,008.59	1/4	3,348.73
1/2	284.79	1/2	626.33	1/2	967.62	1/2	1,308.93	1/2	1,650.47	1/2	1,992.02	1/2	2,333.57	1/2	2,675.00	1/2	3,015.68	1/2	3,355.81
3/4	291.90	3/4	633.44	3/4	974.72	3/4	1,316.04	3/4	1,657.59	3/4	1,999.14	3/4	2,340.69	3/4	2,682.10	3/4	3,022.78	3/4	3,362.89

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "FMT 3294"

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	3,364.47	0	3,573.73	0	3,783.20	0	3,992.40	0	4,200.95	0	4,391.26	0		0		0		0	
1/4	3,368.80	1/4	3,578.09	1/4	3,787.56	1/4	3,996.74	1/4	4,205.30	1/4	4,392.96	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,373.13	1/2	3,582.46	1/2	3,791.93	1/2	4,001.09	1/2	4,209.64	1/2	4,396.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,377.45	3/4	3,586.82	3/4	3,796.29	3/4	4,005.43	3/4	4,213.99	3/4	4,396.37	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,381.78	1	3,591.18	1	3,800.66	1	4,009.78	1	4,218.33	1	4,398.08	1	1	1	1	1	1	1	1
1/4	3,386.13	1/4	3,595.55	1/4	3,805.02	1/4	4,014.12	1/4	4,222.68	1/4	4,399.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,390.47	1/2	3,599.91	1/2	3,809.38	1/2	4,018.47	1/2	4,227.02	1/2	4,401.49	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,394.82	3/4	3,604.28	3/4	3,813.75	3/4	4,022.81	3/4	4,231.37	3/4	4,403.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,399.17	2	3,608.64	2	3,818.11	2	4,027.16	2	4,235.71	2	4,404.89	2	2	2	2	2	2	2	2
1/4	3,403.53	1/4	3,613.00	1/4	3,822.48	1/4	4,031.50	1/4	4,240.06	1/4	4,405.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,407.90	1/2	3,617.37	1/2	3,826.84	1/2	4,035.85	1/2	4,244.40	1/2	4,407.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,412.26	3/4	3,621.73	3/4	3,831.20	3/4	4,040.19	3/4	4,248.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,416.62	3	3,626.10	3	3,835.57	3	4,044.54	3	4,253.09	3		3	3	3	3	3	3	3	3
1/4	3,420.99	1/4	3,630.46	1/4	3,839.93	1/4	4,048.88	1/4	4,257.44	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,425.35	1/2	3,634.82	1/2	3,844.30	1/2	4,053.23	1/2	4,261.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,429.72	3/4	3,639.19	3/4	3,848.66	3/4	4,057.57	3/4	4,266.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,434.08	4	3,643.55	4	3,853.02	4	4,061.92	4	4,270.47	4		4	4	4	4	4	4	4	4
1/4	3,438.44	1/4	3,647.92	1/4	3,857.39	1/4	4,066.26	1/4	4,274.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,442.81	1/2	3,652.28	1/2	3,861.75	1/2	4,070.61	1/2	4,279.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,447.17	3/4	3,656.64	3/4	3,866.12	3/4	4,074.95	3/4	4,283.47	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,451.54	5	3,661.01	5	3,870.48	5	4,079.30	5	4,287.80	5		5	5	5	5	5	5	5	5
1/4	3,455.90	1/4	3,665.37	1/4	3,874.84	1/4	4,083.64	1/4	4,292.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,460.26	1/2	3,669.74	1/2	3,879.21	1/2	4,087.99	1/2	4,296.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,464.63	3/4	3,674.10	3/4	3,883.57	3/4	4,092.33	3/4	4,300.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,468.99	6	3,678.46	6	3,887.94	6	4,096.67	6	4,305.07	6		6	6	6	6	6	6	6	6
1/4	3,473.36	1/4	3,682.83	1/4	3,892.30	1/4	4,101.02	1/4	4,309.38	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,477.72	1/2	3,687.19	1/2	3,896.66	1/2	4,105.36	1/2	4,313.70	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,482.08	3/4	3,691.56	3/4	3,901.03	3/4	4,109.71	3/4	4,318.01	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,486.45	7	3,695.92	7	3,905.39	7	4,114.05	7	4,322.33	7		7	7	7	7	7	7	7	7
1/4	3,490.81	1/4	3,700.28	1/4	3,909.76	1/4	4,118.40	1/4	4,326.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,495.18	1/2	3,704.65	1/2	3,914.12	1/2	4,122.74	1/2	4,330.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,499.54	3/4	3,709.01	3/4	3,918.48	3/4	4,127.09	3/4	4,335.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,503.90	8	3,713.38	8	3,922.85	8	4,131.43	8	4,339.56	8		8	8	8	8	8	8	8	8
1/4	3,508.27	1/4	3,717.74	1/4	3,927.20	1/4	4,135.78	1/4	4,343.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,512.63	1/2	3,722.10	1/2	3,931.55	1/2	4,140.12	1/2	4,348.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,517.00	3/4	3,726.47	3/4	3,935.91	3/4	4,144.47	3/4	4,352.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,521.36	9	3,730.83	9	3,940.26	9	4,148.81	9	4,356.67	9		9	9	9	9	9	9	9	9
1/4	3,525.72	1/4	3,735.20	1/4	3,944.60	1/4	4,153.16	1/4	4,360.51	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,530.09	1/2	3,739.56	1/2	3,948.95	1/2	4,157.50	1/2	4,364.35	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,534.45	3/4	3,743.92	3/4	3,953.29	3/4	4,161.85	3/4	4,368.18	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,538.82	10	3,748.29	10	3,957.64	10	4,166.19	10	4,372.02	10		10	10	10	10	10	10	10	10
1/4	3,543.18	1/4	3,752.65	1/4	3,961.98	1/4	4,170.54	1/4	4,374.86	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,547.54	1/2	3,757.02	1/2	3,966.33	1/2	4,174.88	1/2	4,377.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,551.91	3/4	3,761.38	3/4	3,970.67	3/4	4,179.23	3/4	4,380.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,556.27	11	3,765.74	11	3,975.02	11	4,183.57	11	4,383.36	11		11	11	11	11	11	11	11	11
1/4	3,560.64	1/4	3,770.11	1/4	3,979.36	1/4	4,187.92	1/4	4,385.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,565.00	1/2	3,774.47	1/2	3,983.71	1/2	4,192.26	1/2	4,387.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,569.36	3/4	3,778.84	3/4	3,988.05	3/4	4,196.61	3/4	4,389.28	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: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

PRECISION MEASUREMENT
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Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

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 19, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

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 Pearland, Texas 77588

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BARGE "FMT 3294"

1 PORT ULLAGE TABLE

10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0	5,033.14	0	4,748.13	0	4,406.92	0	4,064.86	0	3,722.07	0	3,379.36	0	3,036.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,031.14	1/4	4,741.02	1/4	4,399.81	1/4	4,057.71	1/4	3,714.93	1/4	3,372.22	1/4	3,029.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,029.13	1/2	4,733.91	1/2	4,392.70	1/2	4,050.57	1/2	3,707.79	1/2	3,365.08	1/2	3,022.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,027.13	3/4	4,726.80	3/4	4,385.59	3/4	4,043.43	3/4	3,700.65	3/4	3,357.95	3/4	3,015.26		
1		1		1		1	5,025.12	1	4,719.69	1	4,378.48	1	4,036.29	1	3,693.51	1	3,350.81	1	3,008.12		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,021.93	1/4	4,712.58	1/4	4,371.37	1/4	4,029.15	1/4	3,686.37	1/4	3,343.67	1/4	3,000.98		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,018.73	1/2	4,705.48	1/2	4,364.26	1/2	4,022.01	1/2	3,679.23	1/2	3,336.53	1/2	2,993.84		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,015.54	3/4	4,698.37	3/4	4,357.15	3/4	4,014.87	3/4	3,672.08	3/4	3,329.39	3/4	2,986.70		
2		2		2		2	5,012.34	2	4,691.26	2	4,350.05	2	4,007.73	2	3,664.94	2	3,322.25	2	2,979.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,007.96	1/4	4,684.15	1/4	4,342.94	1/4	4,000.58	1/4	3,657.80	1/4	3,315.11	1/4	2,972.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,003.57	1/2	4,677.04	1/2	4,335.83	1/2	3,993.44	1/2	3,650.66	1/2	3,307.97	1/2	2,965.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,999.19	3/4	4,669.93	3/4	4,328.72	3/4	3,986.30	3/4	3,643.52	3/4	3,300.83	3/4	2,958.13		
3		3		3		3	4,994.80	3	4,662.82	3	4,321.61	3	3,979.16	3	3,636.38	3	3,293.69	3	2,950.99		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,989.22	1/4	4,655.72	1/4	4,314.50	1/4	3,972.02	1/4	3,629.24	1/4	3,286.55	1/4	2,943.85		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,983.65	1/2	4,648.61	1/2	4,307.39	1/2	3,964.88	1/2	3,622.10	1/2	3,279.41	1/2	2,936.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,978.07	3/4	4,641.50	3/4	4,300.29	3/4	3,957.74	3/4	3,614.96	3/4	3,272.27	3/4	2,929.57		
4		4		4		4	4,972.50	4	4,634.39	4	4,293.18	4	3,950.60	4	3,607.82	4	3,265.13	4	2,922.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,965.91	1/4	4,627.28	1/4	4,286.07	1/4	3,943.45	1/4	3,600.68	1/4	3,258.00	1/4	2,915.29		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,959.33	1/2	4,620.17	1/2	4,278.96	1/2	3,936.31	1/2	3,593.54	1/2	3,250.86	1/2	2,908.14		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,952.75	3/4	4,613.06	3/4	4,271.85	3/4	3,929.17	3/4	3,586.40	3/4	3,243.72	3/4	2,901.00		
5		5		5		5	4,946.17	5	4,605.96	5	4,264.74	5	3,922.03	5	3,579.26	5	3,236.58	5	2,893.86		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,939.14	1/4	4,598.85	1/4	4,257.62	1/4	3,914.89	1/4	3,572.12	1/4	3,229.44	1/4	2,886.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,932.12	1/2	4,591.74	1/2	4,250.50	1/2	3,907.75	1/2	3,564.99	1/2	3,222.30	1/2	2,879.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,925.10	3/4	4,584.63	3/4	4,243.37	3/4	3,900.61	3/4	3,557.85	3/4	3,215.16	3/4	2,872.44		
6		6		6		6	4,918.08	6	4,577.52	6	4,236.25	6	3,893.47	6	3,550.71	6	3,208.02	6	2,865.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,911.02	1/4	4,570.41	1/4	4,229.11	1/4	3,886.32	1/4	3,543.57	1/4	3,200.88	1/4	2,858.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,903.96	1/2	4,563.30	1/2	4,221.96	1/2	3,879.18	1/2	3,536.43	1/2	3,193.74	1/2	2,851.02		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,896.91	3/4	4,556.20	3/4	4,214.82	3/4	3,872.04	3/4	3,529.29	3/4	3,186.60	3/4	2,843.87		
7		7		7		7	4,889.85	7	4,549.09	7	4,207.68	7	3,864.90	7	3,522.15	7	3,179.46	7	2,836.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,882.79	1/4	4,541.98	1/4	4,200.54	1/4	3,857.76	1/4	3,515.01	1/4	3,172.32	1/4	2,829.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,875.72	1/2	4,534.87	1/2	4,193.40	1/2	3,850.62	1/2	3,507.87	1/2	3,165.18	1/2	2,822.45		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,868.66	3/4	4,527.76	3/4	4,186.26	3/4	3,843.48	3/4	3,500.73	3/4	3,158.05	3/4	2,815.31		
8		8		8		8	4,861.60	8	4,520.65	8	4,179.12	8	3,836.33	8	3,493.59	8	3,150.91	8	2,808.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,854.53	1/4	4,513.54	1/4	4,171.98	1/4	3,829.19	1/4	3,486.45	1/4	3,143.77	1/4	2,801.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,847.47	1/2	4,506.44	1/2	4,164.83	1/2	3,822.05	1/2	3,479.31	1/2	3,136.63	1/2	2,793.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,840.41	3/4	4,499.33	3/4	4,157.69	3/4	3,814.91	3/4	3,472.17	3/4	3,129.49	3/4	2,786.74		
9		9		9		9	4,833.34	9	4,492.22	9	4,150.55	9	3,807.77	9	3,465.04	9	3,122.35	9	2,779.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,826.26	1/4	4,485.11	1/4	4,143.41	1/4	3,800.63	1/4	3,457.90	1/4	3,115.21	1/4	2,772.46		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,819.17	1/2	4,478.00	1/2	4,136.27	1/2	3,793.49	1/2	3,450.76	1/2	3,108.07	1/2	2,765.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,812.08	3/4	4,470.89	3/4	4,129.13	3/4	3,786.35	3/4	3,443.62	3/4	3,100.93	3/4	2,758.18		
10		10		10		10	4,805.00	10	4,463.78	10	4,121.99	10	3,779.20	10	3,436.48	10	3,093.79	10	2,751.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,797.89	1/4	4,456.68	1/4	4,114.85	1/4	3,772.06	1/4	3,429.34	1/4	3,086.65	1/4	2,743.90		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,790.78	1/2	4,449.57	1/2	4,107.70	1/2	3,764.92	1/2	3,422.20	1/2	3,079.51	1/2	2,736.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,783.67	3/4	4,442.46	3/4	4,100.56	3/4	3,757.78	3/4	3,415.06	3/4	3,072.37	3/4	2,729.61		
11		11		11		11	4,776.56	11	4,435.35	11	4,093.42	11	3,750.64	11	3,407.92	11	3,065.23	11	2,722.47		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,769.45	1/4	4,428.24	1/4	4,086.28	1/4	3,743.50	1/4	3,400.78	1/4	3,058.09	1/4	2,715.33		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,035.00	1/2	4,762.35	1/2	4,421.13	1/2	4,079.14	1/2	3,736.36	1/2	3,393.64	1/2	3,050.96	1/2	2,708.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,034.07	3/4	4,755.24	3/4	4,414.02	3/4	4,072.00	3/4	3,729.22	3/4	3,386.50	3/4	3,043.82	3/4	2,701.05

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 3294"

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	2,693.91	0	2,351.12	0	2,008.32	0	1,665.51	0	1,322.71	0	980.62	0	639.74	0	304.09	0	20.49	0	
1/4	2,686.77	1/4	2,343.98	1/4	2,001.17	1/4	1,658.37	1/4	1,315.57	1/4	973.54	1/4	632.60	1/4	297.53	1/4	17.69	1/4	
1/2	2,679.63	1/2	2,336.83	1/2	1,994.03	1/2	1,651.23	1/2	1,308.43	1/2	966.46	1/2	625.46	1/2	290.97	1/2	14.89	1/2	
3/4	2,672.49	3/4	2,329.69	3/4	1,986.89	3/4	1,644.09	3/4	1,301.29	3/4	959.38	3/4	618.32	3/4	284.41	3/4	12.09	3/4	
1	2,665.34	1	2,322.55	1	1,979.75	1	1,636.95	1	1,294.15	1	952.29	1	611.18	1	277.86	1	9.29	1	
1/4	2,658.20	1/4	2,315.41	1/4	1,972.61	1/4	1,629.81	1/4	1,287.00	1/4	945.21	1/4	604.04	1/4	271.38	1/4	7.51	1/4	
1/2	2,651.06	1/2	2,308.27	1/2	1,965.47	1/2	1,622.66	1/2	1,279.86	1/2	938.13	1/2	596.89	1/2	264.91	1/2	5.72	1/2	
3/4	2,643.92	3/4	2,301.13	3/4	1,958.32	3/4	1,615.52	3/4	1,272.72	3/4	931.05	3/4	589.75	3/4	258.43	3/4	3.94	3/4	
2	2,636.78	2	2,293.98	2	1,951.18	2	1,608.38	2	1,265.58	2	923.97	2	582.61	2	251.96	2	2.15	2	
1/4	2,629.64	1/4	2,286.84	1/4	1,944.04	1/4	1,601.24	1/4	1,258.44	1/4	916.89	1/4	575.47	1/4	245.57	1/4		1/4	
1/2	2,622.50	1/2	2,279.70	1/2	1,936.90	1/2	1,594.10	1/2	1,251.30	1/2	909.81	1/2	568.33	1/2	239.18	1/2		1/2	
3/4	2,615.36	3/4	2,272.56	3/4	1,929.76	3/4	1,586.96	3/4	1,244.15	3/4	902.73	3/4	561.19	3/4	232.79	3/4		3/4	
3	2,608.22	3	2,265.42	3	1,922.62	3	1,579.81	3	1,237.01	3	895.64	3	554.05	3	226.40	3		3	
1/4	2,601.08	1/4	2,258.28	1/4	1,915.47	1/4	1,572.67	1/4	1,229.87	1/4	888.56	1/4	546.90	1/4	220.09	1/4		1/4	
1/2	2,593.94	1/2	2,251.13	1/2	1,908.33	1/2	1,565.53	1/2	1,222.73	1/2	881.48	1/2	539.76	1/2	213.78	1/2		1/2	
3/4	2,586.79	3/4	2,243.99	3/4	1,901.19	3/4	1,558.39	3/4	1,215.59	3/4	874.40	3/4	532.62	3/4	207.48	3/4		3/4	
4	2,579.65	4	2,236.85	4	1,894.05	4	1,551.25	4	1,208.45	4	867.32	4	525.48	4	201.17	4		4	
1/4	2,572.51	1/4	2,229.71	1/4	1,886.91	1/4	1,544.11	1/4	1,201.30	1/4	860.24	1/4	518.34	1/4	194.95	1/4		1/4	
1/2	2,565.37	1/2	2,222.57	1/2	1,879.77	1/2	1,536.96	1/2	1,194.16	1/2	853.16	1/2	511.20	1/2	188.72	1/2		1/2	
3/4	2,558.23	3/4	2,215.43	3/4	1,872.62	3/4	1,529.82	3/4	1,187.02	3/4	846.08	3/4	504.05	3/4	182.50	3/4		3/4	
5	2,551.09	5	2,208.28	5	1,865.48	5	1,522.68	5	1,179.88	5	839.00	5	496.91	5	176.28	5		5	
1/4	2,543.94	1/4	2,201.14	1/4	1,858.34	1/4	1,515.54	1/4	1,172.74	1/4	831.91	1/4	489.80	1/4	170.13	1/4		1/4	
1/2	2,536.80	1/2	2,194.00	1/2	1,851.20	1/2	1,508.40	1/2	1,165.60	1/2	824.83	1/2	482.68	1/2	163.99	1/2		1/2	
3/4	2,529.66	3/4	2,186.86	3/4	1,844.06	3/4	1,501.26	3/4	1,158.45	3/4	817.75	3/4	475.56	3/4	157.85	3/4		3/4	
6	2,522.52	6	2,179.72	6	1,836.92	6	1,494.11	6	1,151.31	6	810.67	6	468.44	6	151.71	6		6	
1/4	2,515.38	1/4	2,172.57	1/4	1,829.77	1/4	1,486.97	1/4	1,144.17	1/4	803.59	1/4	461.39	1/4	145.66	1/4		1/4	
1/2	2,508.23	1/2	2,165.43	1/2	1,822.63	1/2	1,479.83	1/2	1,137.03	1/2	796.50	1/2	454.34	1/2	139.60	1/2		1/2	
3/4	2,501.09	3/4	2,158.29	3/4	1,815.49	3/4	1,472.69	3/4	1,129.89	3/4	789.42	3/4	447.28	3/4	133.54	3/4		3/4	
7	2,493.95	7	2,151.15	7	1,808.35	7	1,465.55	7	1,122.75	7	782.33	7	440.23	7	127.49	7		7	
1/4	2,486.81	1/4	2,144.01	1/4	1,801.21	1/4	1,458.40	1/4	1,115.60	1/4	775.23	1/4	433.26	1/4	121.52	1/4		1/4	
1/2	2,479.67	1/2	2,136.87	1/2	1,794.06	1/2	1,451.26	1/2	1,108.46	1/2	768.13	1/2	426.29	1/2	115.54	1/2		1/2	
3/4	2,472.53	3/4	2,129.72	3/4	1,786.92	3/4	1,444.12	3/4	1,101.32	3/4	761.04	3/4	419.31	3/4	109.57	3/4		3/4	
8	2,465.38	8	2,122.58	8	1,779.78	8	1,436.98	8	1,094.18	8	753.94	8	412.34	8	103.60	8		8	
1/4	2,458.24	1/4	2,115.44	1/4	1,772.64	1/4	1,429.84	1/4	1,087.05	1/4	746.81	1/4	405.45	1/4	97.71	1/4		1/4	
1/2	2,451.10	1/2	2,108.30	1/2	1,765.50	1/2	1,422.70	1/2	1,079.93	1/2	739.69	1/2	398.56	1/2	91.83	1/2		1/2	
3/4	2,443.96	3/4	2,101.16	3/4	1,758.36	3/4	1,415.55	3/4	1,072.80	3/4	732.57	3/4	391.67	3/4	85.95	3/4		3/4	
9	2,436.82	9	2,094.02	9	1,751.21	9	1,408.41	9	1,065.68	9	725.44	9	384.78	9	80.06	9		9	
1/4	2,429.68	1/4	2,086.87	1/4	1,744.07	1/4	1,401.27	1/4	1,058.58	1/4	718.30	1/4	377.97	1/4	74.28	1/4		1/4	
1/2	2,422.53	1/2	2,079.73	1/2	1,736.93	1/2	1,394.13	1/2	1,051.48	1/2	711.16	1/2	371.16	1/2	68.50	1/2		1/2	
3/4	2,415.39	3/4	2,072.59	3/4	1,729.79	3/4	1,386.99	3/4	1,044.38	3/4	704.02	3/4	364.35	3/4	62.71	3/4		3/4	
10	2,408.25	10	2,065.45	10	1,722.65	10	1,379.85	10	1,037.29	10	696.88	10	357.55	10	56.93	10		10	
1/4	2,401.11	1/4	2,058.31	1/4	1,715.51	1/4	1,372.70	1/4	1,030.20	1/4	689.73	1/4	350.82	1/4	51.67	1/4		1/4	
1/2	2,393.97	1/2	2,051.17	1/2	1,708.36	1/2	1,365.56	1/2	1,023.12	1/2	682.59	1/2	344.10	1/2	46.41	1/2		1/2	
3/4	2,386.83	3/4	2,044.02	3/4	1,701.22	3/4	1,358.42	3/4	1,016.03	3/4	675.45	3/4	337.37	3/4	41.16	3/4		3/4	
11	2,379.68	11	2,036.88	11	1,694.08	11	1,351.28	11	1,008.94	11	668.31	11	330.65	11	35.90	11		11	
1/4	2,372.54	1/4	2,029.74	1/4	1,686.94	1/4	1,344.14	1/4	1,001.86	1/4	661.17	1/4	324.01	1/4	32.05	1/4		1/4	
1/2	2,365.40	1/2	2,022.60	1/2	1,679.80	1/2	1,337.00	1/2	994.78	1/2	654.03	1/2	317.37	1/2	28.19	1/2		1/2	
3/4	2,358.26	3/4	2,015.46	3/4	1,672.66	3/4	1,329.85	3/4	987.70	3/4	646.88	3/4	310.73	3/4	24.34	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
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PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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





BARGE "FMT 3294"

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	5,033.20	0	4,748.32	0	4,407.26	0	4,065.36	0	3,722.73	0	3,380.17	0	3,037.64		
1/4		1/4		1/4		1/4	5,031.20	1/4	4,741.22	1/4	4,400.16	1/4	4,058.22	1/4	3,715.59	1/4	3,373.04	1/4	3,030.50		
1/2		1/2		1/2		1/2	5,029.20	1/2	4,734.11	1/2	4,393.05	1/2	4,051.08	1/2	3,708.45	1/2	3,365.90	1/2	3,023.37		
3/4		3/4		3/4		3/4	5,027.19	3/4	4,727.01	3/4	4,385.95	3/4	4,043.94	3/4	3,701.31	3/4	3,358.76	3/4	3,016.23		
1		1		1		1	5,025.19	1	4,719.90	1	4,378.84	1	4,036.81	1	3,694.18	1	3,351.63	1	3,009.10		
1/4		1/4		1/4		1/4	5,021.99	1/4	4,712.80	1/4	4,371.74	1/4	4,029.67	1/4	3,687.04	1/4	3,344.49	1/4	3,001.96		
1/2		1/2		1/2		1/2	5,018.80	1/2	4,705.69	1/2	4,364.63	1/2	4,022.53	1/2	3,679.90	1/2	3,337.36	1/2	2,994.82		
3/4		3/4		3/4		3/4	5,015.61	3/4	4,698.58	3/4	4,357.53	3/4	4,015.39	3/4	3,672.76	3/4	3,330.22	3/4	2,987.68		
2		2		2		2	5,012.41	2	4,691.48	2	4,350.42	2	4,008.25	2	3,665.62	2	3,323.08	2	2,980.54		
1/4		1/4		1/4		1/4	5,008.03	1/4	4,684.37	1/4	4,343.31	1/4	4,001.11	1/4	3,658.49	1/4	3,315.95	1/4	2,973.41		
1/2		1/2		1/2		1/2	5,003.65	1/2	4,677.27	1/2	4,336.21	1/2	3,993.98	1/2	3,651.35	1/2	3,308.81	1/2	2,966.27		
3/4		3/4		3/4		3/4	4,999.26	3/4	4,670.16	3/4	4,329.10	3/4	3,986.84	3/4	3,644.21	3/4	3,301.68	3/4	2,959.13		
3		3		3		3	4,994.88	3	4,663.06	3	4,322.00	3	3,979.70	3	3,637.07	3	3,294.54	3	2,951.99		
1/4		1/4		1/4		1/4	4,989.31	1/4	4,655.95	1/4	4,314.89	1/4	3,972.56	1/4	3,629.94	1/4	3,287.40	1/4	2,944.85		
1/2		1/2		1/2		1/2	4,983.73	1/2	4,648.85	1/2	4,307.79	1/2	3,965.42	1/2	3,622.80	1/2	3,280.27	1/2	2,937.72		
3/4		3/4		3/4		3/4	4,978.16	3/4	4,641.74	3/4	4,300.68	3/4	3,958.29	3/4	3,615.66	3/4	3,273.13	3/4	2,930.58		
4		4		4		4	4,972.58	4	4,634.64	4	4,293.58	4	3,951.15	4	3,608.53	4	3,265.99	4	2,923.44		
1/4		1/4		1/4		1/4	4,966.00	1/4	4,627.53	1/4	4,286.47	1/4	3,944.01	1/4	3,601.39	1/4	3,258.86	1/4	2,916.30		
1/2		1/2		1/2		1/2	4,959.42	1/2	4,620.42	1/2	4,279.37	1/2	3,936.87	1/2	3,594.26	1/2	3,251.72	1/2	2,909.16		
3/4		3/4		3/4		3/4	4,952.84	3/4	4,613.32	3/4	4,272.26	3/4	3,929.73	3/4	3,587.12	3/4	3,244.59	3/4	2,902.03		
5		5		5		5	4,946.27	5	4,606.21	5	4,265.15	5	3,922.60	5	3,579.98	5	3,237.45	5	2,894.89		
1/4		1/4		1/4		1/4	4,939.25	1/4	4,599.11	1/4	4,258.03	1/4	3,915.46	1/4	3,572.85	1/4	3,230.31	1/4	2,887.75		
1/2		1/2		1/2		1/2	4,932.23	1/2	4,592.00	1/2	4,250.91	1/2	3,908.32	1/2	3,565.71	1/2	3,223.18	1/2	2,880.61		
3/4		3/4		3/4		3/4	4,925.21	3/4	4,584.90	3/4	4,243.79	3/4	3,901.18	3/4	3,558.58	3/4	3,216.04	3/4	2,873.47		
6		6		6		6	4,918.19	6	4,577.79	6	4,236.67	6	3,894.04	6	3,551.44	6	3,208.91	6	2,866.34		
1/4		1/4		1/4		1/4	4,911.14	1/4	4,570.69	1/4	4,229.53	1/4	3,886.91	1/4	3,544.30	1/4	3,201.77	1/4	2,859.20		
1/2		1/2		1/2		1/2	4,904.08	1/2	4,563.58	1/2	4,222.40	1/2	3,879.77	1/2	3,537.17	1/2	3,194.63	1/2	2,852.06		
3/4		3/4		3/4		3/4	4,897.03	3/4	4,556.48	3/4	4,215.26	3/4	3,872.63	3/4	3,530.03	3/4	3,187.50	3/4	2,844.92		
7		7		7		7	4,889.98	7	4,549.37	7	4,208.12	7	3,865.49	7	3,522.89	7	3,180.36	7	2,837.78		
1/4		1/4		1/4		1/4	4,882.92	1/4	4,542.27	1/4	4,200.98	1/4	3,858.35	1/4	3,515.76	1/4	3,173.23	1/4	2,830.65		
1/2		1/2		1/2		1/2	4,875.86	1/2	4,535.16	1/2	4,193.84	1/2	3,851.21	1/2	3,508.62	1/2	3,166.09	1/2	2,823.51		
3/4		3/4		3/4		3/4	4,868.80	3/4	4,528.05	3/4	4,186.71	3/4	3,844.08	3/4	3,501.49	3/4	3,158.95	3/4	2,816.37		
8		8		8		8	4,861.74	8	4,520.95	8	4,179.57	8	3,836.94	8	3,494.35	8	3,151.82	8	2,809.23		
1/4		1/4		1/4		1/4	4,854.68	1/4	4,513.84	1/4	4,172.43	1/4	3,829.80	1/4	3,487.21	1/4	3,144.68	1/4	2,802.09		
1/2		1/2		1/2		1/2	4,847.62	1/2	4,506.74	1/2	4,165.29	1/2	3,822.66	1/2	3,480.08	1/2	3,137.55	1/2	2,794.96		
3/4		3/4		3/4		3/4	4,840.56	3/4	4,499.63	3/4	4,158.15	3/4	3,815.52	3/4	3,472.94	3/4	3,130.41	3/4	2,787.82		
9		9		9		9	4,833.50	9	4,492.53	9	4,151.01	9	3,808.39	9	3,465.81	9	3,123.27	9	2,780.68		
1/4		1/4		1/4		1/4	4,826.41	1/4	4,485.42	1/4	4,143.88	1/4	3,801.25	1/4	3,458.67	1/4	3,116.14	1/4	2,773.54		
1/2		1/2		1/2		1/2	4,819.33	1/2	4,478.32	1/2	4,136.74	1/2	3,794.11	1/2	3,451.53	1/2	3,109.00	1/2	2,766.40		
3/4		3/4		3/4		3/4	4,812.25	3/4	4,471.21	3/4	4,129.60	3/4	3,786.97	3/4	3,444.40	3/4	3,101.86	3/4	2,759.27		
10		10		10		10	4,805.17	10	4,464.11	10	4,122.46	10	3,779.83	10	3,437.26	10	3,094.73	10	2,752.13		
1/4		1/4		1/4		1/4	4,798.06	1/4	4,457.00	1/4	4,115.32	1/4	3,772.70	1/4	3,430.13	1/4	3,087.59	1/4	2,744.99		
1/2		1/2		1/2		1/2	4,790.95	1/2	4,449.90	1/2	4,108.19	1/2	3,765.56	1/2	3,422.99	1/2	3,080.46	1/2	2,737.85		
3/4		3/4		3/4		3/4	4,783.85	3/4	4,442.79	3/4	4,101.05	3/4	3,758.42	3/4	3,415.85	3/4	3,073.32	3/4	2,730.71		
11		11		11		11	4,776.74	11	4,435.68	11	4,093.91	11	3,751.28	11	3,408.72	11	3,066.18	11	2,723.58		
1/4		1/4		1/4		1/4	4,769.64	1/4	4,428.58	1/4	4,086.77	1/4	3,744.14	1/4	3,401.58	1/4	3,059.05	1/4	2,716.44		
1/2		1/2		1/2		1/2	5,035.06	1/2	4,762.53	1/2	4,421.47	1/2	4,079.63	1/2	3,737.01	1/2	3,394.44	1/2	3,051.91	1/2	2,709.30
3/4		3/4		3/4		3/4	5,034.13	3/4	4,755.43	3/4	4,414.37	3/4	4,072.50	3/4	3,729.87	3/4	3,387.31	3/4	3,044.78	3/4	2,702.16

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.
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BARGE "FMT 3294"

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	2,695.02	0	2,352.39	0	2,009.74	0	1,667.09	0	1,324.44	0	981.85	0	639.45	0	303.90	0	20.47	0	
1/4	2,687.89	1/4	2,345.25	1/4	2,002.60	1/4	1,659.95	1/4	1,317.30	1/4	974.72	1/4	632.31	1/4	297.35	1/4	17.67	1/4	
1/2	2,680.75	1/2	2,338.11	1/2	1,995.46	1/2	1,652.81	1/2	1,310.17	1/2	967.59	1/2	625.17	1/2	290.80	1/2	14.88	1/2	
3/4	2,673.61	3/4	2,330.97	3/4	1,988.32	3/4	1,645.68	3/4	1,303.03	3/4	960.46	3/4	618.03	3/4	284.24	3/4	12.08	3/4	
1	2,666.47	1	2,323.83	1	1,981.19	1	1,638.54	1	1,295.89	1	953.33	1	610.89	1	277.69	1	9.28	1	
1/4	2,659.33	1/4	2,316.69	1/4	1,974.05	1/4	1,631.40	1/4	1,288.75	1/4	946.20	1/4	603.75	1/4	271.22	1/4	7.50	1/4	
1/2	2,652.20	1/2	2,309.56	1/2	1,966.91	1/2	1,624.26	1/2	1,281.61	1/2	939.07	1/2	596.62	1/2	264.75	1/2	5.71	1/2	
3/4	2,645.06	3/4	2,302.42	3/4	1,959.77	3/4	1,617.12	3/4	1,274.47	3/4	931.94	3/4	589.48	3/4	258.28	3/4	3.93	3/4	
2	2,637.92	2	2,295.28	2	1,952.63	2	1,609.98	2	1,267.34	2	924.81	2	582.34	2	251.81	2	2.15	2	
1/4	2,630.78	1/4	2,288.14	1/4	1,945.49	1/4	1,602.84	1/4	1,260.20	1/4	917.68	1/4	575.20	1/4	245.42	1/4		1/4	
1/2	2,623.65	1/2	2,281.00	1/2	1,938.35	1/2	1,595.71	1/2	1,253.06	1/2	910.55	1/2	568.06	1/2	239.03	1/2		1/2	
3/4	2,616.51	3/4	2,273.86	3/4	1,931.22	3/4	1,588.57	3/4	1,245.92	3/4	903.43	3/4	560.92	3/4	232.64	3/4		3/4	
3	2,609.37	3	2,266.73	3	1,924.08	3	1,581.43	3	1,238.78	3	896.30	3	553.79	3	226.26	3		3	
1/4	2,602.23	1/4	2,259.59	1/4	1,916.94	1/4	1,574.29	1/4	1,231.64	1/4	889.17	1/4	546.65	1/4	219.95	1/4		1/4	
1/2	2,595.10	1/2	2,252.45	1/2	1,909.80	1/2	1,567.15	1/2	1,224.50	1/2	882.04	1/2	539.51	1/2	213.65	1/2		1/2	
3/4	2,587.96	3/4	2,245.31	3/4	1,902.66	3/4	1,560.01	3/4	1,217.37	3/4	874.91	3/4	532.37	3/4	207.35	3/4		3/4	
4	2,580.82	4	2,238.17	4	1,895.52	4	1,552.88	4	1,210.23	4	867.78	4	525.23	4	201.04	4		4	
1/4	2,573.68	1/4	2,231.03	1/4	1,888.38	1/4	1,545.74	1/4	1,203.09	1/4	860.65	1/4	518.09	1/4	194.82	1/4		1/4	
1/2	2,566.54	1/2	2,223.89	1/2	1,881.25	1/2	1,538.60	1/2	1,195.95	1/2	853.52	1/2	510.96	1/2	188.60	1/2		1/2	
3/4	2,559.40	3/4	2,216.76	3/4	1,874.11	3/4	1,531.46	3/4	1,188.81	3/4	846.39	3/4	503.82	3/4	182.38	3/4		3/4	
5	2,552.27	5	2,209.62	5	1,866.97	5	1,524.32	5	1,181.67	5	839.26	5	496.68	5	176.16	5		5	
1/4	2,545.13	1/4	2,202.48	1/4	1,859.83	1/4	1,517.18	1/4	1,174.53	1/4	832.13	1/4	489.56	1/4	170.03	1/4		1/4	
1/2	2,537.99	1/2	2,195.34	1/2	1,852.69	1/2	1,510.04	1/2	1,167.40	1/2	825.00	1/2	482.44	1/2	163.89	1/2		1/2	
3/4	2,530.85	3/4	2,188.20	3/4	1,845.55	3/4	1,502.91	3/4	1,160.26	3/4	817.87	3/4	475.33	3/4	157.75	3/4		3/4	
6	2,523.71	6	2,181.06	6	1,838.42	6	1,495.77	6	1,153.12	6	810.74	6	468.21	6	151.62	6		6	
1/4	2,516.57	1/4	2,173.92	1/4	1,831.28	1/4	1,488.63	1/4	1,145.98	1/4	803.61	1/4	461.16	1/4	145.56	1/4		1/4	
1/2	2,509.43	1/2	2,166.79	1/2	1,824.14	1/2	1,481.49	1/2	1,138.84	1/2	796.48	1/2	454.10	1/2	139.51	1/2		1/2	
3/4	2,502.30	3/4	2,159.65	3/4	1,817.00	3/4	1,474.35	3/4	1,131.70	3/4	789.34	3/4	447.05	3/4	133.46	3/4		3/4	
7	2,495.16	7	2,152.51	7	1,809.86	7	1,467.21	7	1,124.57	7	782.21	7	439.99	7	127.40	7		7	
1/4	2,488.02	1/4	2,145.37	1/4	1,802.72	1/4	1,460.07	1/4	1,117.43	1/4	775.07	1/4	433.02	1/4	121.44	1/4		1/4	
1/2	2,480.88	1/2	2,138.23	1/2	1,795.58	1/2	1,452.94	1/2	1,110.29	1/2	767.93	1/2	426.05	1/2	115.47	1/2		1/2	
3/4	2,473.74	3/4	2,131.09	3/4	1,788.45	3/4	1,445.80	3/4	1,103.15	3/4	760.80	3/4	419.08	3/4	109.50	3/4		3/4	
8	2,466.60	8	2,123.96	8	1,781.31	8	1,438.66	8	1,096.01	8	753.66	8	412.11	8	103.53	8		8	
1/4	2,459.46	1/4	2,116.82	1/4	1,774.17	1/4	1,431.52	1/4	1,088.87	1/4	746.52	1/4	405.22	1/4	97.65	1/4		1/4	
1/2	2,452.33	1/2	2,109.68	1/2	1,767.03	1/2	1,424.38	1/2	1,081.73	1/2	739.38	1/2	398.33	1/2	91.77	1/2		1/2	
3/4	2,445.19	3/4	2,102.54	3/4	1,759.89	3/4	1,417.24	3/4	1,074.60	3/4	732.24	3/4	391.44	3/4	85.89	3/4		3/4	
9	2,438.05	9	2,095.40	9	1,752.75	9	1,410.11	9	1,067.46	9	725.10	9	384.55	9	80.01	9		9	
1/4	2,430.91	1/4	2,088.26	1/4	1,745.61	1/4	1,402.97	1/4	1,060.32	1/4	717.97	1/4	377.75	1/4	74.23	1/4		1/4	
1/2	2,423.77	1/2	2,081.12	1/2	1,738.48	1/2	1,395.83	1/2	1,053.18	1/2	710.83	1/2	370.95	1/2	68.45	1/2		1/2	
3/4	2,416.63	3/4	2,073.99	3/4	1,731.34	3/4	1,388.69	3/4	1,046.04	3/4	703.69	3/4	364.14	3/4	62.67	3/4		3/4	
10	2,409.50	10	2,066.85	10	1,724.20	10	1,381.55	10	1,038.90	10	696.55	10	357.34	10	56.89	10		10	
1/4	2,402.36	1/4	2,059.71	1/4	1,717.06	1/4	1,374.41	1/4	1,031.77	1/4	689.41	1/4	350.62	1/4	51.64	1/4		1/4	
1/2	2,395.22	1/2	2,052.57	1/2	1,709.92	1/2	1,367.27	1/2	1,024.64	1/2	682.28	1/2	343.90	1/2	46.38	1/2		1/2	
3/4	2,388.08	3/4	2,045.43	3/4	1,702.78	3/4	1,360.14	3/4	1,017.50	3/4	675.14	3/4	337.17	3/4	41.13	3/4		3/4	
11	2,380.94	11	2,038.29	11	1,695.65	11	1,353.00	11	1,010.37	11	668.00	11	330.45	11	35.87	11		11	
1/4	2,373.80	1/4	2,031.15	1/4	1,688.51	1/4	1,345.86	1/4	1,003.24	1/4	660.86	1/4	323.82	1/4	32.02	1/4		1/4	
1/2	2,366.66	1/2	2,024.02	1/2	1,681.37	1/2	1,338.72	1/2	996.11	1/2	653.72	1/2	317.18	1/2	28.17	1/2		1/2	
3/4	2,359.53	3/4	2,016.88	3/4	1,674.23	3/4	1,331.58	3/4	988.98	3/4	646.58	3/4	310.54	3/4	24.32	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

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	5,102.78	0	4,816.64	0	4,474.06	0	4,130.62	0	3,786.47	0	3,442.32	0	3,098.17		
1/4		1/4		1/4		1/4	5,100.77	1/4	4,809.50	1/4	4,466.92	1/4	4,123.45	1/4	3,779.30	1/4	3,435.15	1/4	3,091.00		
1/2		1/2		1/2		1/2	5,098.75	1/2	4,802.36	1/2	4,459.78	1/2	4,116.28	1/2	3,772.13	1/2	3,427.98	1/2	3,083.83		
3/4		3/4		3/4		3/4	5,096.74	3/4	4,795.23	3/4	4,452.64	3/4	4,109.11	3/4	3,764.96	3/4	3,420.81	3/4	3,076.66		
1		1		1		1	5,094.73	1	4,788.09	1	4,445.51	1	4,101.94	1	3,757.79	1	3,413.64	1	3,069.49		
1/4		1/4		1/4		1/4	5,091.52	1/4	4,780.95	1/4	4,438.37	1/4	4,094.77	1/4	3,750.62	1/4	3,406.47	1/4	3,062.32		
1/2		1/2		1/2		1/2	5,088.31	1/2	4,773.81	1/2	4,431.23	1/2	4,087.60	1/2	3,743.45	1/2	3,399.30	1/2	3,055.15		
3/4		3/4		3/4		3/4	5,085.11	3/4	4,766.68	3/4	4,424.10	3/4	4,080.43	3/4	3,736.28	3/4	3,392.13	3/4	3,047.98		
2		2		2		2	5,081.90	2	4,759.54	2	4,416.96	2	4,073.26	2	3,729.11	2	3,384.96	2	3,040.82		
1/4		1/4		1/4		1/4	5,077.50	1/4	4,752.40	1/4	4,409.82	1/4	4,066.09	1/4	3,721.94	1/4	3,377.79	1/4	3,033.64		
1/2		1/2		1/2		1/2	5,073.09	1/2	4,745.27	1/2	4,402.69	1/2	4,058.92	1/2	3,714.77	1/2	3,370.62	1/2	3,026.47		
3/4		3/4		3/4		3/4	5,068.69	3/4	4,738.13	3/4	4,395.55	3/4	4,051.75	3/4	3,707.60	3/4	3,363.45	3/4	3,019.30		
3		3		3		3	5,064.29	3	4,730.99	3	4,388.41	3	4,044.58	3	3,700.43	3	3,356.28	3	3,012.13		
1/4		1/4		1/4		1/4	5,058.69	1/4	4,723.85	1/4	4,381.27	1/4	4,037.41	1/4	3,693.26	1/4	3,349.11	1/4	3,004.96		
1/2		1/2		1/2		1/2	5,053.09	1/2	4,716.72	1/2	4,374.14	1/2	4,030.24	1/2	3,686.09	1/2	3,341.94	1/2	2,997.79		
3/4		3/4		3/4		3/4	5,047.50	3/4	4,709.58	3/4	4,367.00	3/4	4,023.07	3/4	3,678.92	3/4	3,334.77	3/4	2,990.61		
4		4		4		4	5,041.90	4	4,702.44	4	4,359.86	4	4,015.90	4	3,671.75	4	3,327.60	4	2,983.44		
1/4		1/4		1/4		1/4	5,035.29	1/4	4,695.31	1/4	4,352.73	1/4	4,008.73	1/4	3,664.58	1/4	3,320.43	1/4	2,976.27		
1/2		1/2		1/2		1/2	5,028.68	1/2	4,688.17	1/2	4,345.59	1/2	4,001.56	1/2	3,657.41	1/2	3,313.26	1/2	2,969.10		
3/4		3/4		3/4		3/4	5,022.07	3/4	4,681.03	3/4	4,338.45	3/4	3,994.39	3/4	3,650.24	3/4	3,306.09	3/4	2,961.93		
5		5		5		5	5,015.46	5	4,673.89	5	4,331.31	5	3,987.22	5	3,643.07	5	3,298.92	5	2,954.75		
1/4		1/4		1/4		1/4	5,008.41	1/4	4,666.76	1/4	4,324.16	1/4	3,980.05	1/4	3,635.90	1/4	3,291.75	1/4	2,947.58		
1/2		1/2		1/2		1/2	5,001.36	1/2	4,659.62	1/2	4,317.00	1/2	3,972.88	1/2	3,628.73	1/2	3,284.58	1/2	2,940.41		
3/4		3/4		3/4		3/4	4,994.31	3/4	4,652.48	3/4	4,309.85	3/4	3,965.71	3/4	3,621.56	3/4	3,277.41	3/4	2,933.24		
6		6		6		6	4,987.26	6	4,645.35	6	4,302.69	6	3,958.54	6	3,614.39	6	3,270.24	6	2,926.07		
1/4		1/4		1/4		1/4	4,980.18	1/4	4,638.21	1/4	4,295.52	1/4	3,951.37	1/4	3,607.22	1/4	3,263.07	1/4	2,918.89		
1/2		1/2		1/2		1/2	4,973.09	1/2	4,631.07	1/2	4,288.35	1/2	3,944.20	1/2	3,600.05	1/2	3,255.90	1/2	2,911.72		
3/4		3/4		3/4		3/4	4,966.01	3/4	4,623.94	3/4	4,281.18	3/4	3,937.03	3/4	3,592.88	3/4	3,248.73	3/4	2,904.55		
7		7		7		7	4,958.92	7	4,616.80	7	4,274.01	7	3,929.86	7	3,585.71	7	3,241.56	7	2,897.38		
1/4		1/4		1/4		1/4	4,951.83	1/4	4,609.66	1/4	4,266.84	1/4	3,922.69	1/4	3,578.54	1/4	3,234.39	1/4	2,890.21		
1/2		1/2		1/2		1/2	4,944.74	1/2	4,602.52	1/2	4,259.67	1/2	3,915.52	1/2	3,571.37	1/2	3,227.22	1/2	2,883.03		
3/4		3/4		3/4		3/4	4,937.65	3/4	4,595.39	3/4	4,252.50	3/4	3,908.35	3/4	3,564.20	3/4	3,220.05	3/4	2,875.86		
8		8		8		8	4,930.56	8	4,588.25	8	4,245.33	8	3,901.18	8	3,557.03	8	3,212.88	8	2,868.69		
1/4		1/4		1/4		1/4	4,923.47	1/4	4,581.11	1/4	4,238.16	1/4	3,894.01	1/4	3,549.86	1/4	3,205.71	1/4	2,861.52		
1/2		1/2		1/2		1/2	4,916.38	1/2	4,573.98	1/2	4,230.99	1/2	3,886.84	1/2	3,542.69	1/2	3,198.54	1/2	2,854.35		
3/4		3/4		3/4		3/4	4,909.29	3/4	4,566.84	3/4	4,223.82	3/4	3,879.67	3/4	3,535.52	3/4	3,191.37	3/4	2,847.18		
9		9		9		9	4,902.19	9	4,559.70	9	4,216.65	9	3,872.50	9	3,528.35	9	3,184.20	9	2,840.00		
1/4		1/4		1/4		1/4	4,895.08	1/4	4,552.56	1/4	4,209.49	1/4	3,865.33	1/4	3,521.18	1/4	3,177.03	1/4	2,832.83		
1/2		1/2		1/2		1/2	4,887.96	1/2	4,545.43	1/2	4,202.32	1/2	3,858.16	1/2	3,514.01	1/2	3,169.86	1/2	2,825.66		
3/4		3/4		3/4		3/4	4,880.85	3/4	4,538.29	3/4	4,195.15	3/4	3,851.00	3/4	3,506.84	3/4	3,162.69	3/4	2,818.49		
10		10		10		10	4,873.73	10	4,531.15	10	4,187.98	10	3,843.83	10	3,499.67	10	3,155.52	10	2,811.32		
1/4		1/4		1/4		1/4	4,866.60	1/4	4,524.02	1/4	4,180.81	1/4	3,836.66	1/4	3,492.51	1/4	3,148.35	1/4	2,804.14		
1/2		1/2		1/2		1/2	4,859.46	1/2	4,516.88	1/2	4,173.64	1/2	3,829.49	1/2	3,485.34	1/2	3,141.18	1/2	2,796.97		
3/4		3/4		3/4		3/4	4,852.32	3/4	4,509.74	3/4	4,166.47	3/4	3,822.32	3/4	3,478.17	3/4	3,134.02	3/4	2,789.80		
11		11		11		11	4,845.19	11	4,502.60	11	4,159.30	11	3,815.15	11	3,471.00	11	3,126.85	11	2,782.63		
1/4		1/4		1/4		1/4	4,838.05	1/4	4,495.47	1/4	4,152.13	1/4	3,807.98	1/4	3,463.83	1/4	3,119.68	1/4	2,775.46		
1/2		1/2		1/2		1/2	5,104.64	1/2	4,830.91	1/2	4,488.33	1/2	4,144.96	1/2	3,800.81	1/2	3,456.66	1/2	3,112.51	1/2	2,768.28
3/4		3/4		3/4		3/4	5,103.71	3/4	4,823.77	3/4	4,481.19	3/4	4,137.79	3/4	3,793.64	3/4	3,449.49	3/4	3,105.34	3/4	2,761.11

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 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 3294"

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	2,753.94	0	2,409.69	0	2,065.44	0	1,721.19	0	1,376.94	0	1,036.87	0	702.98	0	358.74	0	23.67	0	
1/4	2,746.77	1/4	2,402.52	1/4	2,058.27	1/4	1,714.01	1/4	1,369.76	1/4	1,030.01	1/4	695.81	1/4	351.57	1/4	20.08	1/4	
1/2	2,739.60	1/2	2,395.35	1/2	2,051.09	1/2	1,706.84	1/2	1,362.59	1/2	1,023.14	1/2	688.64	1/2	344.40	1/2	16.50	1/2	
3/4	2,732.42	3/4	2,388.17	3/4	2,043.92	3/4	1,699.67	3/4	1,355.42	3/4	1,016.28	3/4	681.46	3/4	337.23	3/4	12.91	3/4	
1	2,725.25	1	2,381.00	1	2,036.75	1	1,692.50	1	1,348.25	1	1,009.42	1	674.29	1	330.06	1	9.33	1	
1/4	2,718.08	1/4	2,373.83	1/4	2,029.58	1/4	1,685.33	1/4	1,341.08	1/4	1,002.55	1/4	667.12	1/4	322.88	1/4	7.53	1/4	
1/2	2,710.91	1/2	2,366.66	1/2	2,022.41	1/2	1,678.16	1/2	1,333.90	1/2	995.69	1/2	659.95	1/2	315.71	1/2	5.74	1/2	
3/4	2,703.74	3/4	2,359.49	3/4	2,015.23	3/4	1,670.98	3/4	1,326.73	3/4	988.83	3/4	652.78	3/4	308.54	3/4	3.95	3/4	
2	2,696.57	2	2,352.31	2	2,008.06	2	1,663.81	2	1,319.56	2	981.96	2	645.61	2	301.37	2	2.16	2	
1/4	2,689.39	1/4	2,345.14	1/4	2,000.89	1/4	1,656.64	1/4	1,312.39	1/4	975.10	1/4	638.44	1/4	294.20	1/4		1/4	
1/2	2,682.22	1/2	2,337.97	1/2	1,993.72	1/2	1,649.47	1/2	1,305.22	1/2	968.24	1/2	631.26	1/2	287.03	1/2		1/2	
3/4	2,675.05	3/4	2,330.80	3/4	1,986.55	3/4	1,642.30	3/4	1,298.04	3/4	961.37	3/4	624.09	3/4	279.86	3/4		3/4	
3	2,667.88	3	2,323.63	3	1,979.38	3	1,635.12	3	1,290.87	3	954.51	3	616.92	3	272.68	3		3	
1/4	2,660.71	1/4	2,316.45	1/4	1,972.20	1/4	1,627.95	1/4	1,283.70	1/4	947.65	1/4	609.75	1/4	265.51	1/4		1/4	
1/2	2,653.53	1/2	2,309.28	1/2	1,965.03	1/2	1,620.78	1/2	1,276.53	1/2	940.78	1/2	602.58	1/2	258.34	1/2		1/2	
3/4	2,646.36	3/4	2,302.11	3/4	1,957.86	3/4	1,613.61	3/4	1,269.36	3/4	933.92	3/4	595.41	3/4	251.17	3/4		3/4	
4	2,639.19	4	2,294.94	4	1,950.69	4	1,606.44	4	1,262.19	4	927.06	4	588.23	4	244.00	4		4	
1/4	2,632.02	1/4	2,287.77	1/4	1,943.52	1/4	1,599.26	1/4	1,255.01	1/4	920.19	1/4	581.06	1/4	236.83	1/4		1/4	
1/2	2,624.85	1/2	2,280.60	1/2	1,936.34	1/2	1,592.09	1/2	1,247.84	1/2	913.33	1/2	573.89	1/2	229.65	1/2		1/2	
3/4	2,617.67	3/4	2,273.42	3/4	1,929.17	3/4	1,584.92	3/4	1,240.67	3/4	906.47	3/4	566.72	3/4	222.48	3/4		3/4	
5	2,610.50	5	2,266.25	5	1,922.00	5	1,577.75	5	1,233.50	5	899.60	5	559.55	5	215.31	5		5	
1/4	2,603.33	1/4	2,259.08	1/4	1,914.83	1/4	1,570.58	1/4	1,226.33	1/4	892.74	1/4	552.38	1/4	208.14	1/4		1/4	
1/2	2,596.16	1/2	2,251.91	1/2	1,907.66	1/2	1,563.41	1/2	1,219.15	1/2	885.88	1/2	545.20	1/2	200.97	1/2		1/2	
3/4	2,588.99	3/4	2,244.74	3/4	1,900.48	3/4	1,556.23	3/4	1,211.98	3/4	879.01	3/4	538.03	3/4	193.80	3/4		3/4	
6	2,581.81	6	2,237.56	6	1,893.31	6	1,549.06	6	1,204.81	6	872.15	6	530.86	6	186.62	6		6	
1/4	2,574.64	1/4	2,230.39	1/4	1,886.14	1/4	1,541.89	1/4	1,197.64	1/4	865.28	1/4	523.69	1/4	179.45	1/4		1/4	
1/2	2,567.47	1/2	2,223.22	1/2	1,878.97	1/2	1,534.72	1/2	1,190.47	1/2	858.42	1/2	516.52	1/2	172.28	1/2		1/2	
3/4	2,560.30	3/4	2,216.05	3/4	1,871.80	3/4	1,527.55	3/4	1,183.29	3/4	851.55	3/4	509.35	3/4	165.11	3/4		3/4	
7	2,553.13	7	2,208.88	7	1,864.62	7	1,520.37	7	1,176.12	7	844.68	7	502.17	7	157.94	7		7	
1/4	2,545.96	1/4	2,201.70	1/4	1,857.45	1/4	1,513.20	1/4	1,168.95	1/4	837.80	1/4	495.00	1/4	150.77	1/4		1/4	
1/2	2,538.78	1/2	2,194.53	1/2	1,850.28	1/2	1,506.03	1/2	1,161.78	1/2	830.92	1/2	487.83	1/2	143.60	1/2		1/2	
3/4	2,531.61	3/4	2,187.36	3/4	1,843.11	3/4	1,498.86	3/4	1,154.61	3/4	824.04	3/4	480.66	3/4	136.43	3/4		3/4	
8	2,524.44	8	2,180.19	8	1,835.94	8	1,491.69	8	1,147.43	8	817.16	8	473.49	8	129.25	8		8	
1/4	2,517.27	1/4	2,173.02	1/4	1,828.77	1/4	1,484.51	1/4	1,140.40	1/4	810.13	1/4	466.32	1/4	122.09	1/4		1/4	
1/2	2,510.10	1/2	2,165.84	1/2	1,821.59	1/2	1,477.34	1/2	1,133.37	1/2	803.10	1/2	459.15	1/2	114.92	1/2		1/2	
3/4	2,502.92	3/4	2,158.67	3/4	1,814.42	3/4	1,470.17	3/4	1,126.34	3/4	796.07	3/4	451.97	3/4	107.76	3/4		3/4	
9	2,495.75	9	2,151.50	9	1,807.25	9	1,463.00	9	1,119.31	9	789.04	9	444.80	9	100.59	9		9	
1/4	2,488.58	1/4	2,144.33	1/4	1,800.08	1/4	1,455.83	1/4	1,112.43	1/4	781.87	1/4	437.63	1/4	93.44	1/4		1/4	
1/2	2,481.41	1/2	2,137.16	1/2	1,792.91	1/2	1,448.65	1/2	1,105.55	1/2	774.70	1/2	430.46	1/2	86.30	1/2		1/2	
3/4	2,474.24	3/4	2,129.99	3/4	1,785.73	3/4	1,441.48	3/4	1,098.67	3/4	767.52	3/4	423.29	3/4	79.15	3/4		3/4	
10	2,467.06	10	2,122.81	10	1,778.56	10	1,434.31	10	1,091.79	10	760.35	10	416.12	10	72.00	10		10	
1/4	2,459.89	1/4	2,115.64	1/4	1,771.39	1/4	1,427.14	1/4	1,084.93	1/4	753.18	1/4	408.94	1/4	65.29	1/4		1/4	
1/2	2,452.72	1/2	2,108.47	1/2	1,764.22	1/2	1,419.97	1/2	1,078.06	1/2	746.01	1/2	401.77	1/2	58.59	1/2		1/2	
3/4	2,445.55	3/4	2,101.30	3/4	1,757.05	3/4	1,412.80	3/4	1,071.19	3/4	738.84	3/4	394.60	3/4	51.89	3/4		3/4	
11	2,438.38	11	2,094.13	11	1,749.87	11	1,405.62	11	1,064.32	11	731.67	11	387.43	11	45.18	11		11	
1/4	2,431.20	1/4	2,086.95	1/4	1,742.70	1/4	1,398.45	1/4	1,057.46	1/4	724.49	1/4	380.26	1/4	39.80	1/4		1/4	
1/2	2,424.03	1/2	2,079.78	1/2	1,735.53	1/2	1,391.28	1/2	1,050.60	1/2	717.32	1/2	373.09	1/2	34.42	1/2		1/2	
3/4	2,416.86	3/4	2,072.61	3/4	1,728.36	3/4	1,384.11	3/4	1,043.73	3/4	710.15	3/4	365.91	3/4	29.05	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

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	5,108.87	0	4,823.10	0	4,480.98	0	4,138.02	0	3,794.33	0	3,450.71	0	3,107.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,106.86	1/4	4,815.97	1/4	4,473.86	1/4	4,130.86	1/4	3,787.17	1/4	3,443.56	1/4	3,099.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,104.85	1/2	4,808.85	1/2	4,466.73	1/2	4,123.70	1/2	3,780.01	1/2	3,436.40	1/2	3,092.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,102.84	3/4	4,801.72	3/4	4,459.60	3/4	4,116.54	3/4	3,772.85	3/4	3,429.24	3/4	3,085.65		
1	1	1	1	1	1	1	5,100.83	1	4,794.59	1	4,452.48	1	4,109.38	1	3,765.69	1	3,422.08	1	3,078.49		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,097.62	1/4	4,787.46	1/4	4,445.35	1/4	4,102.22	1/4	3,758.53	1/4	3,414.92	1/4	3,071.33		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,094.42	1/2	4,780.34	1/2	4,438.22	1/2	4,095.06	1/2	3,751.37	1/2	3,407.77	1/2	3,064.17		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,091.21	3/4	4,773.21	3/4	4,431.09	3/4	4,087.90	3/4	3,744.21	3/4	3,400.61	3/4	3,057.01		
2	2	2	2	2	2	2	5,088.01	2	4,766.08	2	4,423.97	2	4,080.74	2	3,737.05	2	3,393.45	2	3,049.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,083.61	1/4	4,758.95	1/4	4,416.84	1/4	4,073.58	1/4	3,729.89	1/4	3,386.29	1/4	3,042.69		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,079.22	1/2	4,751.83	1/2	4,409.71	1/2	4,066.42	1/2	3,722.73	1/2	3,379.13	1/2	3,035.53		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,074.82	3/4	4,744.70	3/4	4,402.58	3/4	4,059.26	3/4	3,715.57	3/4	3,371.98	3/4	3,028.37		
3	3	3	3	3	3	3	5,070.42	3	4,737.57	3	4,395.46	3	4,052.10	3	3,708.41	3	3,364.82	3	3,021.21		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,064.83	1/4	4,730.44	1/4	4,388.33	1/4	4,044.94	1/4	3,701.25	1/4	3,357.66	1/4	3,014.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,059.24	1/2	4,723.32	1/2	4,381.20	1/2	4,037.78	1/2	3,694.09	1/2	3,350.50	1/2	3,006.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,053.65	3/4	4,716.19	3/4	4,374.07	3/4	4,030.62	3/4	3,686.93	3/4	3,343.34	3/4	2,999.73		
4	4	4	4	4	4	4	5,048.06	4	4,709.06	4	4,366.95	4	4,023.46	4	3,679.77	4	3,336.18	4	2,992.57		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,041.46	1/4	4,701.93	1/4	4,359.82	1/4	4,016.30	1/4	3,672.62	1/4	3,329.03	1/4	2,985.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,034.86	1/2	4,694.81	1/2	4,352.69	1/2	4,009.14	1/2	3,665.46	1/2	3,321.87	1/2	2,978.25		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,028.26	3/4	4,687.68	3/4	4,345.56	3/4	4,001.98	3/4	3,658.30	3/4	3,314.71	3/4	2,971.09		
5	5	5	5	5	5	5	5,021.66	5	4,680.55	5	4,338.44	5	3,994.82	5	3,651.14	5	3,307.55	5	2,963.93		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,014.61	1/4	4,673.42	1/4	4,331.29	1/4	3,987.66	1/4	3,643.98	1/4	3,300.39	1/4	2,956.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,007.57	1/2	4,666.30	1/2	4,324.15	1/2	3,980.50	1/2	3,636.82	1/2	3,293.24	1/2	2,949.61		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,000.53	3/4	4,659.17	3/4	4,317.01	3/4	3,973.34	3/4	3,629.67	3/4	3,286.08	3/4	2,942.45		
6	6	6	6	6	6	6	4,993.49	6	4,652.04	6	4,309.87	6	3,966.18	6	3,622.51	6	3,278.92	6	2,935.29		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,986.42	1/4	4,644.92	1/4	4,302.71	1/4	3,959.02	1/4	3,615.35	1/4	3,271.76	1/4	2,928.13		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,979.34	1/2	4,637.79	1/2	4,295.55	1/2	3,951.86	1/2	3,608.19	1/2	3,264.60	1/2	2,920.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,972.27	3/4	4,630.66	3/4	4,288.39	3/4	3,944.70	3/4	3,601.03	3/4	3,257.45	3/4	2,913.81		
7	7	7	7	7	7	7	4,965.20	7	4,623.53	7	4,281.23	7	3,937.54	7	3,593.88	7	3,250.29	7	2,906.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,958.11	1/4	4,616.41	1/4	4,274.07	1/4	3,930.38	1/4	3,586.72	1/4	3,243.13	1/4	2,899.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,951.03	1/2	4,609.28	1/2	4,266.91	1/2	3,923.22	1/2	3,579.56	1/2	3,235.97	1/2	2,892.33		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,943.95	3/4	4,602.15	3/4	4,259.75	3/4	3,916.06	3/4	3,572.40	3/4	3,228.81	3/4	2,885.17		
8	8	8	8	8	8	8	4,936.87	8	4,595.02	8	4,252.59	8	3,908.90	8	3,565.24	8	3,221.65	8	2,878.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,929.79	1/4	4,587.90	1/4	4,245.43	1/4	3,901.74	1/4	3,558.09	1/4	3,214.50	1/4	2,870.85		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,922.70	1/2	4,580.77	1/2	4,238.27	1/2	3,894.58	1/2	3,550.93	1/2	3,207.34	1/2	2,863.69		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,915.62	3/4	4,573.64	3/4	4,231.11	3/4	3,887.42	3/4	3,543.77	3/4	3,200.18	3/4	2,856.53		
9	9	9	9	9	9	9	4,908.54	9	4,566.51	9	4,223.95	9	3,880.26	9	3,536.61	9	3,193.02	9	2,849.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,901.43	1/4	4,559.39	1/4	4,216.79	1/4	3,873.10	1/4	3,529.45	1/4	3,185.86	1/4	2,842.21		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,894.33	1/2	4,552.26	1/2	4,209.63	1/2	3,865.94	1/2	3,522.30	1/2	3,178.71	1/2	2,835.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,887.22	3/4	4,545.13	3/4	4,202.47	3/4	3,858.78	3/4	3,515.14	3/4	3,171.55	3/4	2,827.89		
10	10	10	10	10	10	10	4,880.12	10	4,538.00	10	4,195.30	10	3,851.62	10	3,507.98	10	3,164.39	10	2,820.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,872.99	1/4	4,530.88	1/4	4,188.14	1/4	3,844.46	1/4	3,500.82	1/4	3,157.23	1/4	2,813.57		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,865.86	1/2	4,523.75	1/2	4,180.98	1/2	3,837.29	1/2	3,493.66	1/2	3,150.07	1/2	2,806.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,858.74	3/4	4,516.62	3/4	4,173.82	3/4	3,830.13	3/4	3,486.50	3/4	3,142.92	3/4	2,799.25		
11	11	11	11	11	11	11	4,851.61	11	4,509.49	11	4,166.66	11	3,822.97	11	3,479.35	11	3,135.76	11	2,792.09		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,844.48	1/4	4,502.37	1/4	4,159.50	1/4	3,815.81	1/4	3,472.19	1/4	3,128.60	1/4	2,784.93		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,110.73	1/2	4,837.36	1/2	4,495.24	1/2	4,152.34	1/2	3,808.65	1/2	3,465.03	1/2	3,121.44	1/2	2,777.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,109.80	3/4	4,830.23	3/4	4,488.11	3/4	4,145.18	3/4	3,801.49	3/4	3,457.87	3/4	3,114.28	3/4	2,770.61

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO 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
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BARGE "FMT 3294"

2 STBD

ULLAGE TABLE

10" HATCH

GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,763.45	0	2,419.76	0	2,076.08	0	1,732.39	0	1,388.71	0	1,045.13	0	701.83	0	358.16	0	23.64	0	
1/4	2,756.29	1/4	2,412.60	1/4	2,068.92	1/4	1,725.23	1/4	1,381.55	1/4	1,037.98	1/4	694.67	1/4	351.00	1/4	20.06	1/4	
1/2	2,749.13	1/2	2,405.44	1/2	2,061.76	1/2	1,718.07	1/2	1,374.39	1/2	1,030.84	1/2	687.51	1/2	343.84	1/2	16.48	1/2	
3/4	2,741.97	3/4	2,398.28	3/4	2,054.60	3/4	1,710.91	3/4	1,367.23	3/4	1,023.69	3/4	680.35	3/4	336.68	3/4	12.90	3/4	
1	2,734.81	1	2,391.12	1	2,047.44	1	1,703.75	1	1,360.07	1	1,016.54	1	673.19	1	329.52	1	9.32	1	
1/4	2,727.65	1/4	2,383.96	1/4	2,040.28	1/4	1,696.59	1/4	1,352.91	1/4	1,009.40	1/4	666.03	1/4	322.36	1/4	7.53	1/4	
1/2	2,720.49	1/2	2,376.80	1/2	2,033.12	1/2	1,689.43	1/2	1,345.75	1/2	1,002.25	1/2	658.87	1/2	315.20	1/2	5.74	1/2	
3/4	2,713.33	3/4	2,369.64	3/4	2,025.96	3/4	1,682.27	3/4	1,338.59	3/4	995.11	3/4	651.71	3/4	308.04	3/4	3.95	3/4	
2	2,706.16	2	2,362.48	2	2,018.80	2	1,675.11	2	1,331.43	2	987.96	2	644.55	2	300.88	2	2.16	2	
1/4	2,699.00	1/4	2,355.32	1/4	2,011.64	1/4	1,667.95	1/4	1,324.27	1/4	980.81	1/4	637.39	1/4	293.72	1/4		1/4	
1/2	2,691.84	1/2	2,348.16	1/2	2,004.48	1/2	1,660.79	1/2	1,317.11	1/2	973.67	1/2	630.23	1/2	286.56	1/2		1/2	
3/4	2,684.68	3/4	2,341.00	3/4	1,997.32	3/4	1,653.63	3/4	1,309.95	3/4	966.52	3/4	623.07	3/4	279.40	3/4		3/4	
3	2,677.52	3	2,333.84	3	1,990.15	3	1,646.47	3	1,302.79	3	959.38	3	615.91	3	272.24	3		3	
1/4	2,670.36	1/4	2,326.68	1/4	1,982.99	1/4	1,639.31	1/4	1,295.63	1/4	952.23	1/4	608.75	1/4	265.08	1/4		1/4	
1/2	2,663.20	1/2	2,319.52	1/2	1,975.83	1/2	1,632.15	1/2	1,288.47	1/2	945.08	1/2	601.59	1/2	257.92	1/2		1/2	
3/4	2,656.04	3/4	2,312.36	3/4	1,968.67	3/4	1,624.99	3/4	1,281.31	3/4	937.94	3/4	594.43	3/4	250.76	3/4		3/4	
4	2,648.88	4	2,305.20	4	1,961.51	4	1,617.83	4	1,274.14	4	930.79	4	587.27	4	243.60	4		4	
1/4	2,641.72	1/4	2,298.04	1/4	1,954.35	1/4	1,610.67	1/4	1,266.98	1/4	923.65	1/4	580.12	1/4	236.44	1/4		1/4	
1/2	2,634.56	1/2	2,290.88	1/2	1,947.19	1/2	1,603.51	1/2	1,259.82	1/2	916.50	1/2	572.96	1/2	229.28	1/2		1/2	
3/4	2,627.40	3/4	2,283.72	3/4	1,940.03	3/4	1,596.35	3/4	1,252.66	3/4	909.35	3/4	565.80	3/4	222.13	3/4		3/4	
5	2,620.24	5	2,276.56	5	1,932.87	5	1,589.19	5	1,245.50	5	902.21	5	558.64	5	214.97	5		5	
1/4	2,613.08	1/4	2,269.40	1/4	1,925.71	1/4	1,582.03	1/4	1,238.34	1/4	895.06	1/4	551.48	1/4	207.81	1/4		1/4	
1/2	2,605.92	1/2	2,262.24	1/2	1,918.55	1/2	1,574.87	1/2	1,231.18	1/2	887.92	1/2	544.32	1/2	200.65	1/2		1/2	
3/4	2,598.76	3/4	2,255.08	3/4	1,911.39	3/4	1,567.71	3/4	1,224.02	3/4	880.77	3/4	537.16	3/4	193.49	3/4		3/4	
6	2,591.60	6	2,247.92	6	1,904.23	6	1,560.55	6	1,216.86	6	873.63	6	530.00	6	186.33	6		6	
1/4	2,584.44	1/4	2,240.76	1/4	1,897.07	1/4	1,553.39	1/4	1,209.70	1/4	866.48	1/4	522.84	1/4	179.17	1/4		1/4	
1/2	2,577.28	1/2	2,233.60	1/2	1,889.91	1/2	1,546.23	1/2	1,202.54	1/2	859.33	1/2	515.68	1/2	172.01	1/2		1/2	
3/4	2,570.12	3/4	2,226.44	3/4	1,882.75	3/4	1,539.07	3/4	1,195.38	3/4	852.18	3/4	508.52	3/4	164.85	3/4		3/4	
7	2,562.96	7	2,219.28	7	1,875.59	7	1,531.91	7	1,188.22	7	845.03	7	501.36	7	157.69	7		7	
1/4	2,555.80	1/4	2,212.12	1/4	1,868.43	1/4	1,524.75	1/4	1,181.06	1/4	837.87	1/4	494.20	1/4	150.53	1/4		1/4	
1/2	2,548.64	1/2	2,204.96	1/2	1,861.27	1/2	1,517.59	1/2	1,173.90	1/2	830.71	1/2	487.04	1/2	143.37	1/2		1/2	
3/4	2,541.48	3/4	2,197.80	3/4	1,854.11	3/4	1,510.43	3/4	1,166.74	3/4	823.55	3/4	479.88	3/4	136.21	3/4		3/4	
8	2,534.32	8	2,190.64	8	1,846.95	8	1,503.27	8	1,159.58	8	816.39	8	472.72	8	129.05	8		8	
1/4	2,527.16	1/4	2,183.48	1/4	1,839.79	1/4	1,496.11	1/4	1,152.42	1/4	809.23	1/4	465.56	1/4	121.90	1/4		1/4	
1/2	2,520.00	1/2	2,176.32	1/2	1,832.63	1/2	1,488.95	1/2	1,145.26	1/2	802.07	1/2	458.40	1/2	114.74	1/2		1/2	
3/4	2,512.84	3/4	2,169.16	3/4	1,825.47	3/4	1,481.79	3/4	1,138.10	3/4	794.91	3/4	451.24	3/4	107.59	3/4		3/4	
9	2,505.68	9	2,162.00	9	1,818.31	9	1,474.63	9	1,130.94	9	787.75	9	444.08	9	100.43	9		9	
1/4	2,498.52	1/4	2,154.84	1/4	1,811.15	1/4	1,467.47	1/4	1,123.79	1/4	780.59	1/4	436.92	1/4	93.30	1/4		1/4	
1/2	2,491.36	1/2	2,147.68	1/2	1,803.99	1/2	1,460.31	1/2	1,116.63	1/2	773.43	1/2	429.76	1/2	86.16	1/2		1/2	
3/4	2,484.20	3/4	2,140.52	3/4	1,796.83	3/4	1,453.15	3/4	1,109.47	3/4	766.27	3/4	422.60	3/4	79.02	3/4		3/4	
10	2,477.04	10	2,133.36	10	1,789.67	10	1,445.99	10	1,102.31	10	759.11	10	415.44	10	71.89	10		10	
1/4	2,469.88	1/4	2,126.20	1/4	1,782.51	1/4	1,438.83	1/4	1,095.16	1/4	751.95	1/4	408.28	1/4	65.19	1/4		1/4	
1/2	2,462.72	1/2	2,119.04	1/2	1,775.35	1/2	1,431.67	1/2	1,088.01	1/2	744.79	1/2	401.12	1/2	58.50	1/2		1/2	
3/4	2,455.56	3/4	2,111.88	3/4	1,768.19	3/4	1,424.51	3/4	1,080.86	3/4	737.63	3/4	393.96	3/4	51.81	3/4		3/4	
11	2,448.40	11	2,104.72	11	1,761.03	11	1,417.35	11	1,073.71	11	730.47	11	386.80	11	45.11	11		11	
1/4	2,441.24	1/4	2,097.56	1/4	1,753.87	1/4	1,410.19	1/4	1,066.57	1/4	723.31	1/4	379.64	1/4	39.74	1/4		1/4	
1/2	2,434.08	1/2	2,090.40	1/2	1,746.71	1/2	1,403.03	1/2	1,059.42	1/2	716.15	1/2	372.48	1/2	34.38	1/2		1/2	
3/4	2,426.92	3/4	2,083.24	3/4	1,739.55	3/4	1,395.87	3/4	1,052.27	3/4	708.99	3/4	365.32	3/4	29.01	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019



BARGE "FMT 3294"

3 PORT ULLAGE TABLE

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,400.61	0	4,234.33	0	4,025.30	0	3,815.79	0	3,605.84	0	3,396.41	0	3,085.76
1/4		1/4		1/4		1/4	4,399.53	1/4	4,229.97	1/4	4,020.94	1/4	3,811.42	1/4	3,601.47	1/4	3,392.06	1/4	3,078.64
1/2		1/2		1/2		1/2	4,397.83	1/2	4,225.62	1/2	4,016.59	1/2	3,807.04	1/2	3,597.09	1/2	3,387.71	1/2	3,071.52
3/4		3/4		3/4		3/4	4,396.12	3/4	4,221.27	3/4	4,012.23	3/4	3,802.67	3/4	3,592.72	3/4	3,383.36	3/4	3,064.40
1		1		1		1	4,394.41	1	4,216.91	1	4,007.88	1	3,798.29	1	3,588.35	1	3,379.01	1	3,057.28
1/4		1/4		1/4		1/4	4,392.70	1/4	4,212.56	1/4	4,003.53	1/4	3,793.92	1/4	3,583.97	1/4	3,374.66	1/4	3,050.16
1/2		1/2		1/2		1/2	4,390.99	1/2	4,208.20	1/2	3,999.17	1/2	3,789.55	1/2	3,579.60	1/2	3,370.32	1/2	3,043.03
3/4		3/4		3/4		3/4	4,389.28	3/4	4,203.85	3/4	3,994.82	3/4	3,785.17	3/4	3,575.22	3/4	3,365.98	3/4	3,035.91
2		2		2		2	4,387.57	2	4,199.49	2	3,990.46	2	3,780.80	2	3,570.85	2	3,361.64	2	3,028.78
1/4		1/4		1/4		1/4	4,385.87	1/4	4,195.14	1/4	3,986.11	1/4	3,776.42	1/4	3,566.48	1/4	3,357.30	1/4	3,021.65
1/2		1/2		1/2		1/2	4,383.89	1/2	4,190.78	1/2	3,981.75	1/2	3,772.05	1/2	3,562.10	1/2	3,353.58	1/2	3,014.52
3/4		3/4		3/4		3/4	4,381.91	3/4	4,186.43	3/4	3,977.40	3/4	3,767.68	3/4	3,557.73	3/4	3,349.86	3/4	3,007.38
3		3		3		3	4,379.93	3	4,182.07	3	3,973.04	3	3,763.30	3	3,553.36	3	3,345.14	3	3,000.25
1/4		1/4		1/4		1/4	4,377.96	1/4	4,177.72	1/4	3,968.69	1/4	3,758.93	1/4	3,548.98	1/4	3,340.41	1/4	2,993.11
1/2		1/2		1/2		1/2	4,375.12	1/2	4,173.36	1/2	3,964.33	1/2	3,754.55	1/2	3,544.61	1/2	3,336.11	1/2	2,985.98
3/4		3/4		3/4		3/4	4,372.28	3/4	4,169.01	3/4	3,959.98	3/4	3,750.18	3/4	3,540.25	3/4	3,331.81	3/4	2,978.84
4		4		4		4	4,369.43	4	4,164.65	4	3,955.62	4	3,745.81	4	3,535.88	4	3,327.10	4	2,971.71
1/4		1/4		1/4		1/4	4,366.59	1/4	4,160.30	1/4	3,951.27	1/4	3,741.43	1/4	3,531.52	1/4	3,322.77	1/4	2,964.57
1/2		1/2		1/2		1/2	4,362.75	1/2	4,155.94	1/2	3,946.91	1/2	3,737.06	1/2	3,527.16	1/2	3,318.46	1/2	2,957.44
3/4		3/4		3/4		3/4	4,358.90	3/4	4,151.59	3/4	3,942.56	3/4	3,732.68	3/4	3,522.80	3/4	3,314.15	3/4	2,950.30
5		5		5		5	4,355.05	5	4,147.23	5	3,938.20	5	3,728.31	5	3,518.44	5	3,309.84	5	2,943.17
1/4		1/4		1/4		1/4	4,351.21	1/4	4,142.88	1/4	3,933.85	1/4	3,723.94	1/4	3,514.08	1/4	3,305.53	1/4	2,936.04
1/2		1/2		1/2		1/2	4,346.92	1/2	4,138.52	1/2	3,929.48	1/2	3,719.56	1/2	3,509.73	1/2	3,301.22	1/2	2,928.91
3/4		3/4		3/4		3/4	4,342.64	3/4	4,134.17	3/4	3,925.12	3/4	3,715.19	3/4	3,505.37	3/4	3,296.91	3/4	2,921.78
6		6		6		6	4,338.35	6	4,129.81	6	3,920.75	6	3,710.82	6	3,501.01	6	3,292.60	6	2,914.65
1/4		1/4		1/4		1/4	4,334.06	1/4	4,125.46	1/4	3,916.39	1/4	3,706.44	1/4	3,496.65	1/4	3,288.30	1/4	2,907.52
1/2		1/2		1/2		1/2	4,329.75	1/2	4,121.10	1/2	3,912.01	1/2	3,702.07	1/2	3,492.29	1/2	3,284.00	1/2	2,900.40
3/4		3/4		3/4		3/4	4,325.43	3/4	4,116.75	3/4	3,907.64	3/4	3,697.69	3/4	3,487.93	3/4	3,279.71	3/4	2,893.27
7		7		7		7	4,321.11	7	4,112.40	7	3,903.27	7	3,693.32	7	3,483.58	7	3,275.42	7	2,886.15
1/4		1/4		1/4		1/4	4,316.79	1/4	4,108.04	1/4	3,898.89	1/4	3,688.95	1/4	3,479.22	1/4	3,271.13	1/4	2,879.03
1/2		1/2		1/2		1/2	4,312.46	1/2	4,103.69	1/2	3,894.52	1/2	3,684.57	1/2	3,474.86	1/2	3,266.84	1/2	2,871.90
3/4		3/4		3/4		3/4	4,308.14	3/4	4,099.33	3/4	3,890.15	3/4	3,680.20	3/4	3,470.50	3/4	3,262.55	3/4	2,864.78
8		8		8		8	4,303.81	8	4,094.98	8	3,885.77	8	3,675.82	8	3,466.14	8	3,258.26	8	2,857.66
1/4		1/4		1/4		1/4	4,299.49	1/4	4,090.62	1/4	3,881.40	1/4	3,671.45	1/4	3,461.79	1/4	3,253.97	1/4	2,850.53
1/2		1/2		1/2		1/2	4,295.16	1/2	4,086.27	1/2	3,877.02	1/2	3,667.08	1/2	3,457.43	1/2	3,249.68	1/2	2,843.41
3/4		3/4		3/4		3/4	4,290.83	3/4	4,081.91	3/4	3,872.65	3/4	3,662.70	3/4	3,453.07	3/4	3,245.39	3/4	2,836.29
9		9		9		9	4,286.51	9	4,077.56	9	3,868.28	9	3,658.33	9	3,448.71	9	3,241.10	9	2,829.17
1/4		1/4		1/4		1/4	4,282.18	1/4	4,073.20	1/4	3,863.90	1/4	3,653.95	1/4	3,444.35	1/4	3,236.81	1/4	2,822.04
1/2		1/2		1/2		1/2	4,277.84	1/2	4,068.85	1/2	3,859.53	1/2	3,649.58	1/2	3,440.00	1/2	3,232.52	1/2	2,814.92
3/4		3/4		3/4		3/4	4,273.50	3/4	4,064.49	3/4	3,855.15	3/4	3,645.21	3/4	3,435.64	3/4	3,228.23	3/4	2,807.80
10		10		10		10	4,269.15	10	4,060.14	10	3,850.78	10	3,640.83	10	3,431.28	10	3,223.94	10	2,800.67
1/4		1/4		1/4		1/4	4,264.81	1/4	4,055.78	1/4	3,846.41	1/4	3,636.46	1/4	3,426.92	1/4	3,219.65	1/4	2,793.55
1/2		1/2		1/2		1/2	4,260.46	1/2	4,051.43	1/2	3,842.03	1/2	3,632.09	1/2	3,422.56	1/2	3,215.36	1/2	2,786.43
3/4		3/4		3/4		3/4	4,256.10	3/4	4,047.07	3/4	3,837.66	3/4	3,627.71	3/4	3,418.20	3/4	3,211.07	3/4	2,779.30
11		11		11		11	4,251.75	11	4,042.72	11	3,833.28	11	3,623.34	11	3,413.85	11	3,206.78	11	2,772.18
1/4		1/4		1/4		1/4	4,247.39	1/4	4,038.36	1/4	3,828.91	1/4	3,618.96	1/4	3,409.49	1/4	3,202.49	1/4	2,765.06
1/2		1/2		1/2		1/2	4,243.04	1/2	4,034.01	1/2	3,824.54	1/2	3,614.59	1/2	3,405.13	1/2	3,198.20	1/2	2,757.93
3/4		3/4		3/4		3/4	4,401.69	3/4	4,238.68	3/4	4,029.65	3/4	3,820.16	3/4	3,610.22	3/4	3,400.77	3/4	3,092.87

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 3294"

3 PORT ULLAGE TABLE 10" HATCH GAUGE HEIGHT 18'-02 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,743.69	0	2,401.78	0	2,059.82	0	1,717.87	0	1,375.92	0	1,037.65	0	706.18	0	364.15	0	28.92	0	
1/4	2,736.56	1/4	2,394.65	1/4	2,052.70	1/4	1,710.75	1/4	1,368.80	1/4	1,030.84	1/4	699.05	1/4	357.02	1/4	23.56	1/4	
1/2	2,729.44	1/2	2,387.53	1/2	2,045.58	1/2	1,703.62	1/2	1,361.67	1/2	1,024.02	1/2	691.93	1/2	349.88	1/2	20.00	1/2	
3/4	2,722.32	3/4	2,380.40	3/4	2,038.45	3/4	1,696.50	3/4	1,354.55	3/4	1,017.21	3/4	684.80	3/4	342.74	3/4	16.43	3/4	
1	2,715.20	1	2,373.28	1	2,031.33	1	1,689.38	1	1,347.42	1	1,010.39	1	677.68	1	335.61	1	12.86	1	
1/4	2,708.07	1/4	2,366.16	1/4	2,024.20	1/4	1,682.25	1/4	1,340.30	1/4	1,003.58	1/4	670.55	1/4	328.47	1/4	9.29	1/4	
1/2	2,700.95	1/2	2,359.03	1/2	2,017.08	1/2	1,675.13	1/2	1,333.18	1/2	996.76	1/2	663.43	1/2	321.33	1/2	7.51	1/2	
3/4	2,693.83	3/4	2,351.91	3/4	2,009.96	3/4	1,668.00	3/4	1,326.05	3/4	989.95	3/4	656.30	3/4	314.20	3/4	5.72	3/4	
2	2,686.70	2	2,344.78	2	2,002.83	2	1,660.88	2	1,318.93	2	983.14	2	649.18	2	307.06	2	3.94	2	
1/4	2,679.58	1/4	2,337.66	1/4	1,995.71	1/4	1,653.76	1/4	1,311.80	1/4	976.32	1/4	642.05	1/4	299.92	1/4	2.16	1/4	
1/2	2,672.46	1/2	2,330.54	1/2	1,988.58	1/2	1,646.63	1/2	1,304.68	1/2	969.51	1/2	634.93	1/2	292.78	1/2		1/2	
3/4	2,665.33	3/4	2,323.41	3/4	1,981.46	3/4	1,639.51	3/4	1,297.56	3/4	962.69	3/4	627.80	3/4	285.65	3/4		3/4	
3	2,658.21	3	2,316.29	3	1,974.34	3	1,632.38	3	1,290.43	3	955.88	3	620.68	3	278.51	3		3	
1/4	2,651.09	1/4	2,309.16	1/4	1,967.21	1/4	1,625.26	1/4	1,283.31	1/4	949.06	1/4	613.55	1/4	271.37	1/4		1/4	
1/2	2,643.96	1/2	2,302.04	1/2	1,960.09	1/2	1,618.14	1/2	1,276.18	1/2	942.25	1/2	606.43	1/2	264.24	1/2		1/2	
3/4	2,636.84	3/4	2,294.92	3/4	1,952.96	3/4	1,611.01	3/4	1,269.06	3/4	935.44	3/4	599.30	3/4	257.10	3/4		3/4	
4	2,629.72	4	2,287.79	4	1,945.84	4	1,603.89	4	1,261.94	4	928.62	4	592.17	4	249.96	4		4	
1/4	2,622.60	1/4	2,280.67	1/4	1,938.72	1/4	1,596.76	1/4	1,254.81	1/4	921.81	1/4	585.05	1/4	242.83	1/4		1/4	
1/2	2,615.47	1/2	2,273.54	1/2	1,931.59	1/2	1,589.64	1/2	1,247.69	1/2	914.99	1/2	577.92	1/2	235.69	1/2		1/2	
3/4	2,608.35	3/4	2,266.42	3/4	1,924.47	3/4	1,582.52	3/4	1,240.56	3/4	908.18	3/4	570.80	3/4	228.55	3/4		3/4	
5	2,601.23	5	2,259.30	5	1,917.34	5	1,575.39	5	1,233.44	5	901.37	5	563.67	5	221.42	5		5	
1/4	2,594.10	1/4	2,252.17	1/4	1,910.22	1/4	1,568.27	1/4	1,226.32	1/4	894.55	1/4	556.55	1/4	214.28	1/4		1/4	
1/2	2,586.98	1/2	2,245.05	1/2	1,903.10	1/2	1,561.14	1/2	1,219.19	1/2	887.74	1/2	549.42	1/2	207.14	1/2		1/2	
3/4	2,579.86	3/4	2,237.92	3/4	1,895.97	3/4	1,554.02	3/4	1,212.07	3/4	880.92	3/4	542.30	3/4	200.00	3/4		3/4	
6	2,572.73	6	2,230.80	6	1,888.85	6	1,546.90	6	1,204.94	6	874.11	6	535.17	6	192.87	6		6	
1/4	2,565.61	1/4	2,223.68	1/4	1,881.72	1/4	1,539.77	1/4	1,197.82	1/4	867.30	1/4	528.05	1/4	185.73	1/4		1/4	
1/2	2,558.49	1/2	2,216.55	1/2	1,874.60	1/2	1,532.65	1/2	1,190.70	1/2	860.48	1/2	520.92	1/2	178.59	1/2		1/2	
3/4	2,551.36	3/4	2,209.43	3/4	1,867.48	3/4	1,525.52	3/4	1,183.57	3/4	853.66	3/4	513.80	3/4	171.46	3/4		3/4	
7	2,544.24	7	2,202.30	7	1,860.35	7	1,518.40	7	1,176.45	7	846.84	7	506.67	7	164.32	7		7	
1/4	2,537.12	1/4	2,195.18	1/4	1,853.23	1/4	1,511.28	1/4	1,169.32	1/4	840.02	1/4	499.55	1/4	157.18	1/4		1/4	
1/2	2,529.99	1/2	2,188.06	1/2	1,846.10	1/2	1,504.15	1/2	1,162.20	1/2	833.17	1/2	492.42	1/2	150.05	1/2		1/2	
3/4	2,522.87	3/4	2,180.93	3/4	1,838.98	3/4	1,497.03	3/4	1,155.08	3/4	826.31	3/4	485.30	3/4	142.91	3/4		3/4	
8	2,515.75	8	2,173.81	8	1,831.86	8	1,489.90	8	1,147.95	8	819.45	8	478.17	8	135.77	8		8	
1/4	2,508.63	1/4	2,166.68	1/4	1,824.73	1/4	1,482.78	1/4	1,140.83	1/4	812.59	1/4	471.04	1/4	128.64	1/4		1/4	
1/2	2,501.50	1/2	2,159.56	1/2	1,817.61	1/2	1,475.66	1/2	1,133.72	1/2	805.58	1/2	463.92	1/2	121.51	1/2		1/2	
3/4	2,494.38	3/4	2,152.44	3/4	1,810.48	3/4	1,468.53	3/4	1,126.61	3/4	798.57	3/4	456.79	3/4	114.38	3/4		3/4	
9	2,487.26	9	2,145.31	9	1,803.36	9	1,461.41	9	1,119.50	9	791.57	9	449.67	9	107.25	9		9	
1/4	2,480.14	1/4	2,138.19	1/4	1,796.24	1/4	1,454.28	1/4	1,112.38	1/4	784.56	1/4	442.54	1/4	100.11	1/4		1/4	
1/2	2,473.02	1/2	2,131.06	1/2	1,789.11	1/2	1,447.16	1/2	1,105.26	1/2	777.43	1/2	435.42	1/2	93.00	1/2		1/2	
3/4	2,465.89	3/4	2,123.94	3/4	1,781.99	3/4	1,440.04	3/4	1,098.14	3/4	770.31	3/4	428.29	3/4	85.89	3/4		3/4	
10	2,458.77	10	2,116.82	10	1,774.86	10	1,432.91	10	1,092.22	10	763.18	10	421.17	10	78.77	10		10	
1/4	2,451.64	1/4	2,109.69	1/4	1,767.74	1/4	1,425.79	1/4	1,085.37	1/4	756.06	1/4	414.04	1/4	71.66	1/4		1/4	
1/2	2,444.52	1/2	2,102.57	1/2	1,760.62	1/2	1,418.66	1/2	1,078.55	1/2	748.93	1/2	406.92	1/2	64.99	1/2		1/2	
3/4	2,437.40	3/4	2,095.44	3/4	1,753.49	3/4	1,411.54	3/4	1,071.73	3/4	741.81	3/4	399.79	3/4	58.32	3/4		3/4	
11	2,430.27	11	2,088.32	11	1,746.37	11	1,404.42	11	1,064.91	11	734.68	11	392.67	11	51.64	11		11	
1/4	2,423.15	1/4	2,081.20	1/4	1,739.24	1/4	1,397.29	1/4	1,058.09	1/4	727.56	1/4	385.54	1/4	44.97	1/4		1/4	
1/2	2,416.02	1/2	2,074.07	1/2	1,732.12	1/2	1,390.17	1/2	1,051.28	1/2	720.43	1/2	378.41	1/2	39.62	1/2		1/2	
3/4	2,408.90	3/4	2,066.95	3/4	1,725.00	3/4	1,383.04	3/4	1,044.47	3/4	713.30	3/4	371.28	3/4	34.27	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

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





BARGE "FMT 3294"

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	4,405.97	0	4,240.05	0	4,031.50	0	3,822.47	0	3,613.00	0	3,403.53	0	3,093.75
1/4		1/4		1/4		1/4	4,404.89	1/4	4,235.71	1/4	4,027.15	1/4	3,818.11	1/4	3,608.64	1/4	3,399.16	1/4	3,086.66
1/2		1/2		1/2		1/2	4,403.19	1/2	4,231.36	1/2	4,022.81	1/2	3,813.74	1/2	3,604.27	1/2	3,394.82	1/2	3,079.56
3/4		3/4		3/4		3/4	4,401.48	3/4	4,227.02	3/4	4,018.46	3/4	3,809.38	3/4	3,599.91	3/4	3,390.47	3/4	3,072.46
1		1		1		1	4,399.78	1	4,222.67	1	4,014.12	1	3,805.02	1	3,595.54	1	3,386.12	1	3,065.36
1/4		1/4		1/4		1/4	4,398.07	1/4	4,218.33	1/4	4,009.77	1/4	3,800.65	1/4	3,591.18	1/4	3,381.78	1/4	3,058.27
1/2		1/2		1/2		1/2	4,396.37	1/2	4,213.98	1/2	4,005.43	1/2	3,796.29	1/2	3,586.82	1/2	3,377.45	1/2	3,051.17
3/4		3/4		3/4		3/4	4,394.66	3/4	4,209.64	3/4	4,001.08	3/4	3,791.92	3/4	3,582.45	3/4	3,373.12	3/4	3,044.07
2		2		2		2	4,392.96	2	4,205.29	2	3,996.74	2	3,787.56	2	3,578.09	2	3,368.79	2	3,036.97
1/4		1/4		1/4		1/4	4,391.25	1/4	4,200.95	1/4	3,992.39	1/4	3,783.20	1/4	3,573.72	1/4	3,364.46	1/4	3,029.88
1/2		1/2		1/2		1/2	4,389.28	1/2	4,196.60	1/2	3,988.05	1/2	3,778.83	1/2	3,569.36	1/2	3,358.76	1/2	3,022.78
3/4		3/4		3/4		3/4	4,387.31	3/4	4,192.26	3/4	3,983.70	3/4	3,774.47	3/4	3,565.00	3/4	3,353.06	3/4	3,015.68
3		3		3		3	4,385.33	3	4,187.91	3	3,979.36	3	3,770.10	3	3,560.63	3	3,347.35	3	3,008.58
1/4		1/4		1/4		1/4	4,383.36	1/4	4,183.57	1/4	3,975.01	1/4	3,765.74	1/4	3,556.27	1/4	3,341.65	1/4	3,001.49
1/2		1/2		1/2		1/2	4,380.52	1/2	4,179.22	1/2	3,970.67	1/2	3,761.38	1/2	3,551.90	1/2	3,334.57	1/2	2,994.39
3/4		3/4		3/4		3/4	4,377.69	3/4	4,174.88	3/4	3,966.32	3/4	3,757.01	3/4	3,547.54	3/4	3,327.49	3/4	2,987.29
4		4		4		4	4,374.85	4	4,170.53	4	3,961.98	4	3,752.65	4	3,543.18	4	3,320.41	4	2,980.19
1/4		1/4		1/4		1/4	4,372.02	1/4	4,166.19	1/4	3,957.63	1/4	3,748.28	1/4	3,538.81	1/4	3,313.33	1/4	2,973.10
1/2		1/2		1/2		1/2	4,368.18	1/2	4,161.84	1/2	3,953.29	1/2	3,743.92	1/2	3,534.45	1/2	3,306.25	1/2	2,966.00
3/4		3/4		3/4		3/4	4,364.34	3/4	4,157.50	3/4	3,948.94	3/4	3,739.56	3/4	3,530.08	3/4	3,299.17	3/4	2,958.90
5		5		5		5	4,360.50	5	4,153.15	5	3,944.60	5	3,735.19	5	3,525.72	5	3,292.09	5	2,951.80
1/4		1/4		1/4		1/4	4,356.66	1/4	4,148.81	1/4	3,940.25	1/4	3,730.83	1/4	3,521.36	1/4	3,285.01	1/4	2,944.71
1/2		1/2		1/2		1/2	4,352.39	1/2	4,144.46	1/2	3,935.90	1/2	3,726.46	1/2	3,516.99	1/2	3,277.92	1/2	2,937.61
3/4		3/4		3/4		3/4	4,348.11	3/4	4,140.12	3/4	3,931.55	3/4	3,722.10	3/4	3,512.63	3/4	3,270.84	3/4	2,930.51
6		6		6		6	4,343.84	6	4,135.77	6	3,927.20	6	3,717.74	6	3,508.26	6	3,263.76	6	2,923.41
1/4		1/4		1/4		1/4	4,339.56	1/4	4,131.43	1/4	3,922.84	1/4	3,713.37	1/4	3,503.90	1/4	3,256.68	1/4	2,916.32
1/2		1/2		1/2		1/2	4,335.25	1/2	4,127.09	1/2	3,918.48	1/2	3,709.01	1/2	3,499.54	1/2	3,249.60	1/2	2,909.22
3/4		3/4		3/4		3/4	4,330.94	3/4	4,122.74	3/4	3,914.12	3/4	3,704.64	3/4	3,495.17	3/4	3,242.52	3/4	2,902.12
7		7		7		7	4,326.63	7	4,118.40	7	3,909.75	7	3,700.28	7	3,490.81	7	3,235.44	7	2,895.02
1/4		1/4		1/4		1/4	4,322.33	1/4	4,114.05	1/4	3,905.39	1/4	3,695.92	1/4	3,486.44	1/4	3,228.36	1/4	2,887.93
1/2		1/2		1/2		1/2	4,318.01	1/2	4,109.71	1/2	3,901.02	1/2	3,691.55	1/2	3,482.08	1/2	3,221.28	1/2	2,880.83
3/4		3/4		3/4		3/4	4,313.69	3/4	4,105.36	3/4	3,896.66	3/4	3,687.19	3/4	3,477.72	3/4	3,214.20	3/4	2,873.73
8		8		8		8	4,309.38	8	4,101.02	8	3,892.30	8	3,682.82	8	3,473.35	8	3,207.12	8	2,866.63
1/4		1/4		1/4		1/4	4,305.06	1/4	4,096.67	1/4	3,887.93	1/4	3,678.46	1/4	3,468.99	1/4	3,200.04	1/4	2,859.54
1/2		1/2		1/2		1/2	4,300.75	1/2	4,092.33	1/2	3,883.57	1/2	3,674.10	1/2	3,464.62	1/2	3,192.96	1/2	2,852.44
3/4		3/4		3/4		3/4	4,296.43	3/4	4,087.98	3/4	3,879.20	3/4	3,669.73	3/4	3,460.26	3/4	3,185.88	3/4	2,845.34
9		9		9		9	4,292.11	9	4,083.64	9	3,874.84	9	3,665.37	9	3,455.90	9	3,178.80	9	2,838.24
1/4		1/4		1/4		1/4	4,287.79	1/4	4,079.29	1/4	3,870.48	1/4	3,661.00	1/4	3,451.53	1/4	3,171.72	1/4	2,831.15
1/2		1/2		1/2		1/2	4,283.46	1/2	4,074.95	1/2	3,866.11	1/2	3,656.64	1/2	3,447.17	1/2	3,164.64	1/2	2,824.05
3/4		3/4		3/4		3/4	4,279.13	3/4	4,070.60	3/4	3,861.75	3/4	3,652.28	3/4	3,442.80	3/4	3,157.56	3/4	2,816.95
10		10		10		10	4,274.80	10	4,066.26	10	3,857.38	10	3,647.91	10	3,438.44	10	3,150.48	10	2,809.85
1/4		1/4		1/4		1/4	4,270.47	1/4	4,061.91	1/4	3,853.02	1/4	3,643.55	1/4	3,434.08	1/4	3,143.40	1/4	2,802.76
1/2		1/2		1/2		1/2	4,266.12	1/2	4,057.57	1/2	3,848.66	1/2	3,639.18	1/2	3,429.71	1/2	3,136.31	1/2	2,795.66
3/4		3/4		3/4		3/4	4,261.78	3/4	4,053.22	3/4	3,844.29	3/4	3,634.82	3/4	3,425.35	3/4	3,129.22	3/4	2,788.56
11		11		11		11	4,257.43	11	4,048.88	11	3,839.93	11	3,630.46	11	3,420.98	11	3,122.13	11	2,781.46
1/4		1/4		1/4		1/4	4,253.09	1/4	4,044.53	1/4	3,835.56	1/4	3,626.09	1/4	3,416.62	1/4	3,115.05	1/4	2,774.37
1/2		1/2		1/2		1/2	4,248.74	1/2	4,040.19	1/2	3,831.20	1/2	3,621.73	1/2	3,412.26	1/2	3,107.95	1/2	2,767.27
3/4		3/4		3/4		3/4	4,407.04	3/4	4,244.40	3/4	4,035.84	3/4	3,826.84	3/4	3,617.36	3/4	3,407.89	3/4	2,760.17

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 3294"

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	2,753.07	0	2,411.84	0	2,070.29	0	1,728.74	0	1,387.19	0	1,045.74	0	704.60	0	363.05	0	28.82	0	
1/4	2,745.98	1/4	2,404.72	1/4	2,063.17	1/4	1,721.63	1/4	1,380.08	1/4	1,038.63	1/4	697.48	1/4	355.94	1/4	23.49	1/4	
1/2	2,738.88	1/2	2,397.61	1/2	2,056.06	1/2	1,714.51	1/2	1,372.96	1/2	1,031.53	1/2	690.36	1/2	348.82	1/2	19.93	1/2	
3/4	2,731.78	3/4	2,390.49	3/4	2,048.94	3/4	1,707.39	3/4	1,365.85	3/4	1,024.43	3/4	683.25	3/4	341.71	3/4	16.37	3/4	
1	2,724.68	1	2,383.38	1	2,041.83	1	1,700.28	1	1,358.73	1	1,017.33	1	676.13	1	334.59	1	12.81	1	
1/4	2,717.59	1/4	2,376.26	1/4	2,034.71	1/4	1,693.16	1/4	1,351.61	1/4	1,010.23	1/4	669.02	1/4	327.47	1/4	9.26	1/4	
1/2	2,710.49	1/2	2,369.15	1/2	2,027.60	1/2	1,686.05	1/2	1,344.50	1/2	1,003.13	1/2	661.90	1/2	320.36	1/2	7.48	1/2	
3/4	2,703.39	3/4	2,362.03	3/4	2,020.48	3/4	1,678.93	3/4	1,337.38	3/4	996.02	3/4	654.79	3/4	313.24	3/4	5.70	3/4	
2	2,696.29	2	2,354.91	2	2,013.37	2	1,671.82	2	1,330.27	2	988.92	2	647.67	2	306.13	2	3.92	2	
1/4	2,689.20	1/4	2,347.80	1/4	2,006.25	1/4	1,664.70	1/4	1,323.15	1/4	981.82	1/4	640.56	1/4	299.01	1/4	2.14	1/4	
1/2	2,682.10	1/2	2,340.68	1/2	1,999.13	1/2	1,657.59	1/2	1,316.04	1/2	974.72	1/2	633.44	1/2	291.90	1/2		1/2	
3/4	2,675.00	3/4	2,333.57	3/4	1,992.02	3/4	1,650.47	3/4	1,308.92	3/4	967.62	3/4	626.33	3/4	284.78	3/4		3/4	
3	2,667.90	3	2,326.45	3	1,984.90	3	1,643.35	3	1,301.81	3	960.52	3	619.21	3	277.67	3		3	
1/4	2,660.81	1/4	2,319.34	1/4	1,977.79	1/4	1,636.24	1/4	1,294.69	1/4	953.41	1/4	612.09	1/4	270.55	1/4		1/4	
1/2	2,653.71	1/2	2,312.22	1/2	1,970.67	1/2	1,629.12	1/2	1,287.57	1/2	946.31	1/2	604.98	1/2	263.43	1/2		1/2	
3/4	2,646.61	3/4	2,305.11	3/4	1,963.56	3/4	1,622.01	3/4	1,280.46	3/4	939.21	3/4	597.86	3/4	256.32	3/4		3/4	
4	2,639.51	4	2,297.99	4	1,956.44	4	1,614.89	4	1,273.34	4	932.11	4	590.75	4	249.20	4		4	
1/4	2,632.42	1/4	2,290.87	1/4	1,949.33	1/4	1,607.78	1/4	1,266.23	1/4	925.01	1/4	583.63	1/4	242.09	1/4		1/4	
1/2	2,625.31	1/2	2,283.76	1/2	1,942.21	1/2	1,600.66	1/2	1,259.11	1/2	917.91	1/2	576.52	1/2	234.97	1/2		1/2	
3/4	2,618.20	3/4	2,276.64	3/4	1,935.09	3/4	1,593.55	3/4	1,252.00	3/4	910.81	3/4	569.40	3/4	227.86	3/4		3/4	
5	2,611.10	5	2,269.53	5	1,927.98	5	1,586.43	5	1,244.88	5	903.70	5	562.29	5	220.74	5		5	
1/4	2,603.99	1/4	2,262.41	1/4	1,920.86	1/4	1,579.31	1/4	1,237.77	1/4	896.60	1/4	555.17	1/4	213.63	1/4		1/4	
1/2	2,596.87	1/2	2,255.30	1/2	1,913.75	1/2	1,572.20	1/2	1,230.65	1/2	889.50	1/2	548.05	1/2	206.51	1/2		1/2	
3/4	2,589.76	3/4	2,248.18	3/4	1,906.63	3/4	1,565.08	3/4	1,223.53	3/4	882.40	3/4	540.94	3/4	199.40	3/4		3/4	
6	2,582.64	6	2,241.06	6	1,899.52	6	1,557.97	6	1,216.42	6	875.30	6	533.82	6	192.28	6		6	
1/4	2,575.52	1/4	2,233.95	1/4	1,892.40	1/4	1,550.85	1/4	1,209.30	1/4	868.20	1/4	526.71	1/4	185.16	1/4		1/4	
1/2	2,568.41	1/2	2,226.83	1/2	1,885.28	1/2	1,543.74	1/2	1,202.19	1/2	861.09	1/2	519.59	1/2	178.05	1/2		1/2	
3/4	2,561.29	3/4	2,219.72	3/4	1,878.17	3/4	1,536.62	3/4	1,195.07	3/4	853.99	3/4	512.48	3/4	170.93	3/4		3/4	
7	2,554.17	7	2,212.60	7	1,871.05	7	1,529.50	7	1,187.96	7	846.88	7	505.36	7	163.82	7		7	
1/4	2,547.06	1/4	2,205.49	1/4	1,863.94	1/4	1,522.39	1/4	1,180.84	1/4	839.77	1/4	498.25	1/4	156.70	1/4		1/4	
1/2	2,539.94	1/2	2,198.37	1/2	1,856.82	1/2	1,515.27	1/2	1,173.72	1/2	832.66	1/2	491.13	1/2	149.59	1/2		1/2	
3/4	2,532.82	3/4	2,191.26	3/4	1,849.71	3/4	1,508.16	3/4	1,166.61	3/4	825.55	3/4	484.02	3/4	142.47	3/4		3/4	
8	2,525.71	8	2,184.14	8	1,842.59	8	1,501.04	8	1,159.49	8	818.44	8	476.90	8	135.36	8		8	
1/4	2,518.59	1/4	2,177.02	1/4	1,835.48	1/4	1,493.93	1/4	1,152.38	1/4	811.33	1/4	469.78	1/4	128.24	1/4		1/4	
1/2	2,511.47	1/2	2,169.91	1/2	1,828.36	1/2	1,486.81	1/2	1,145.26	1/2	804.21	1/2	462.67	1/2	121.13	1/2		1/2	
3/4	2,504.35	3/4	2,162.79	3/4	1,821.24	3/4	1,479.70	3/4	1,138.15	3/4	797.10	3/4	455.55	3/4	114.02	3/4		3/4	
9	2,497.23	9	2,155.68	9	1,814.13	9	1,472.58	9	1,131.03	9	789.98	9	448.44	9	106.91	9		9	
1/4	2,490.11	1/4	2,148.56	1/4	1,807.01	1/4	1,465.46	1/4	1,123.92	1/4	782.87	1/4	441.32	1/4	99.81	1/4		1/4	
1/2	2,483.00	1/2	2,141.45	1/2	1,799.90	1/2	1,458.35	1/2	1,116.80	1/2	775.75	1/2	434.21	1/2	92.71	1/2		1/2	
3/4	2,475.88	3/4	2,134.33	3/4	1,792.78	3/4	1,451.23	3/4	1,109.69	3/4	768.64	3/4	427.09	3/4	85.62	3/4		3/4	
10	2,468.76	10	2,127.22	10	1,785.67	10	1,444.12	10	1,102.58	10	761.52	10	419.98	10	78.53	10		10	
1/4	2,461.65	1/4	2,120.10	1/4	1,778.55	1/4	1,437.00	1/4	1,095.46	1/4	754.40	1/4	412.86	1/4	71.44	1/4		1/4	
1/2	2,454.53	1/2	2,112.98	1/2	1,771.44	1/2	1,429.89	1/2	1,088.36	1/2	747.29	1/2	405.74	1/2	64.78	1/2		1/2	
3/4	2,447.42	3/4	2,105.87	3/4	1,764.32	3/4	1,422.77	3/4	1,081.25	3/4	740.17	3/4	398.63	3/4	58.13	3/4		3/4	
11	2,440.30	11	2,098.75	11	1,757.20	11	1,415.66	11	1,074.15	11	733.06	11	391.51	11	51.48	11		11	
1/4	2,433.19	1/4	2,091.64	1/4	1,750.09	1/4	1,408.54	1/4	1,067.04	1/4	725.94	1/4	384.40	1/4	44.83	1/4		1/4	
1/2	2,426.07	1/2	2,084.52	1/2	1,742.97	1/2	1,401.42	1/2	1,059.94	1/2	718.83	1/2	377.28	1/2	39.49	1/2		1/2	
3/4	2,418.95	3/4	2,077.41	3/4	1,735.86	3/4	1,394.31	3/4	1,052.84	3/4	711.71	3/4	370.17	3/4	34.16	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/2019 CL
CALCULATED: 07/20/2019 CL
PRINTED: 07/21/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

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