



BARGE "KIRBY 28094"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 05' 03"

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	188	0	376	0	563	0	751	0		0		0		0		0	
1/4	4	1/4	192	1/4	379	1/4	567	1/4	755	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	196	1/2	383	1/2	571	1/2	759	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	199	3/4	387	3/4	575	3/4	763	3/4		3/4		3/4		3/4		3/4	
1	16	1	203	1	391	1	579	1	767	1	1	1	1	1	1	1	1	1	1
1/4	20	1/4	207	1/4	395	1/4	583	1/4	771	1/4		1/4		1/4		1/4		1/4	
1/2	23	1/2	211	1/2	399	1/2	587	1/2	774	1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	215	3/4	403	3/4	591	3/4	778	3/4		3/4		3/4		3/4		3/4	
2	31	2	219	2	407	2	595	2	782	2	2	2	2	2	2	2	2	2	2
1/4	35	1/4	223	1/4	411	1/4	598	1/4	786	1/4		1/4		1/4		1/4		1/4	
1/2	39	1/2	227	1/2	415	1/2	602	1/2	790	1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	231	3/4	419	3/4	606	3/4	794	3/4		3/4		3/4		3/4		3/4	
3	47	3	235	3	422	3	610	3	798	3	3	3	3	3	3	3	3	3	3
1/4	51	1/4	239	1/4	426	1/4	614	1/4	802	1/4		1/4		1/4		1/4		1/4	
1/2	55	1/2	243	1/2	430	1/2	618	1/2	806	1/2		1/2		1/2		1/2		1/2	
3/4	59	3/4	246	3/4	434	3/4	622	3/4	810	3/4		3/4		3/4		3/4		3/4	
4	63	4	250	4	438	4	626	4	814	4	4	4	4	4	4	4	4	4	4
1/4	66	1/4	254	1/4	442	1/4	630	1/4	818	1/4		1/4		1/4		1/4		1/4	
1/2	70	1/2	258	1/2	446	1/2	634	1/2	821	1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	262	3/4	450	3/4	638	3/4	825	3/4		3/4		3/4		3/4		3/4	
5	78	5	266	5	454	5	641	5	829	5	5	5	5	5	5	5	5	5	5
1/4	82	1/4	270	1/4	458	1/4	645	1/4	833	1/4		1/4		1/4		1/4		1/4	
1/2	86	1/2	274	1/2	462	1/2	649	1/2	837	1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	278	3/4	465	3/4	653	3/4	841	3/4		3/4		3/4		3/4		3/4	
6	94	6	282	6	469	6	657	6	845	6	6	6	6	6	6	6	6	6	6
1/4	98	1/4	286	1/4	473	1/4	661	1/4	849	1/4		1/4		1/4		1/4		1/4	
1/2	102	1/2	289	1/2	477	1/2	665	1/2	853	1/2		1/2		1/2		1/2		1/2	
3/4	106	3/4	293	3/4	481	3/4	669	3/4	857	3/4		3/4		3/4		3/4		3/4	
7	110	7	297	7	485	7	673	7	861	7	7	7	7	7	7	7	7	7	7
1/4	113	1/4	301	1/4	489	1/4	677	1/4	864	1/4		1/4		1/4		1/4		1/4	
1/2	117	1/2	305	1/2	493	1/2	681	1/2	868	1/2		1/2		1/2		1/2		1/2	
3/4	121	3/4	309	3/4	497	3/4	685	3/4	872	3/4		3/4		3/4		3/4		3/4	
8	125	8	313	8	501	8	688	8	876	8	8	8	8	8	8	8	8	8	8
1/4	129	1/4	317	1/4	505	1/4	692	1/4	880	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	321	1/2	508	1/2	696	1/2	884	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	325	3/4	512	3/4	700	3/4		3/4		3/4		3/4		3/4		3/4	
9	141	9	329	9	516	9	704	9		9	9	9	9	9	9	9	9	9	9
1/4	145	1/4	332	1/4	520	1/4	708	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	149	1/2	336	1/2	524	1/2	712	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	340	3/4	528	3/4	716	3/4		3/4		3/4		3/4		3/4		3/4	
10	156	10	344	10	532	10	720	10	10	10	10	10	10	10	10	10	10	10	10
1/4	160	1/4	348	1/4	536	1/4	724	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164	1/2	352	1/2	540	1/2	728	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168	3/4	356	3/4	544	3/4	731	3/4		3/4		3/4		3/4		3/4		3/4	
11	172	11	360	11	548	11	735	11	11	11	11	11	11	11	11	11	11	11	11
1/4	176	1/4	364	1/4	552	1/4	739	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	180	1/2	368	1/2	555	1/2	743	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	184	3/4	372	3/4	559	3/4	747	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 05/28/2024 JS
CALCULATED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 28094"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 06' 09 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	1,058	0	2,115	0	3,156	0	4,146	0		0		0		0		0	
1/4	22	1/4	1,080	1/4	2,137	1/4	3,178	1/4	4,166	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,102	1/2	2,159	1/2	3,199	1/2	4,186	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,124	3/4	2,181	3/4	3,220	3/4	4,207	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,146	1	2,203	1	3,241	1	4,227	1	1	1	1	1	1	1	1	1	1
1/4	110	1/4	1,168	1/4	2,225	1/4	3,262	1/4	4,247	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	1,190	1/2	2,247	1/2	3,283	1/2	4,266	1/2		1/2		1/2		1/2		1/2	
3/4	154	3/4	1,212	3/4	2,269	3/4	3,304	3/4	4,286	3/4		3/4		3/4		3/4		3/4	
2	176	2	1,234	2	2,291	2	3,325	2	4,306	2	2	2	2	2	2	2	2	2	2
1/4	198	1/4	1,256	1/4	2,313	1/4	3,346	1/4	4,326	1/4		1/4		1/4		1/4		1/4	
1/2	220	1/2	1,278	1/2	2,335	1/2	3,367	1/2	4,346	1/2		1/2		1/2		1/2		1/2	
3/4	242	3/4	1,300	3/4	2,357	3/4	3,388	3/4	4,365	3/4		3/4		3/4		3/4		3/4	
3	264	3	1,322	3	2,380	3	3,409	3	4,385	3	3	3	3	3	3	3	3	3	3
1/4	286	1/4	1,344	1/4	2,401	1/4	3,430	1/4	4,404	1/4		1/4		1/4		1/4		1/4	
1/2	308	1/2	1,366	1/2	2,423	1/2	3,451	1/2	4,422	1/2		1/2		1/2		1/2		1/2	
3/4	330	3/4	1,388	3/4	2,445	3/4	3,472	3/4	4,441	3/4		3/4		3/4		3/4		3/4	
4	353	4	1,410	4	2,467	4	3,493	4	4,460	4	4	4	4	4	4	4	4	4	4
1/4	375	1/4	1,432	1/4	2,489	1/4	3,513	1/4	4,479	1/4		1/4		1/4		1/4		1/4	
1/2	397	1/2	1,454	1/2	2,511	1/2	3,534	1/2	4,497	1/2		1/2		1/2		1/2		1/2	
3/4	419	3/4	1,476	3/4	2,533	3/4	3,555	3/4	4,516	3/4		3/4		3/4		3/4		3/4	
5	441	5	1,498	5	2,555	5	3,576	5	4,535	5	5	5	5	5	5	5	5	5	5
1/4	463	1/4	1,520	1/4	2,576	1/4	3,596	1/4	4,553	1/4		1/4		1/4		1/4		1/4	
1/2	485	1/2	1,542	1/2	2,598	1/2	3,617	1/2	4,572	1/2		1/2		1/2		1/2		1/2	
3/4	507	3/4	1,564	3/4	2,620	3/4	3,638	3/4	4,591	3/4		3/4		3/4		3/4		3/4	
6	529	6	1,586	6	2,642	6	3,658	6	4,609	6	6	6	6	6	6	6	6	6	6
1/4	551	1/4	1,608	1/4	2,663	1/4	3,679	1/4	4,628	1/4		1/4		1/4		1/4		1/4	
1/2	573	1/2	1,630	1/2	2,685	1/2	3,699	1/2	4,646	1/2		1/2		1/2		1/2		1/2	
3/4	595	3/4	1,652	3/4	2,707	3/4	3,720	3/4	4,665	3/4		3/4		3/4		3/4		3/4	
7	617	7	1,674	7	2,728	7	3,741	7	4,683	7	7	7	7	7	7	7	7	7	7
1/4	639	1/4	1,697	1/4	2,750	1/4	3,761	1/4	4,702	1/4		1/4		1/4		1/4		1/4	
1/2	661	1/2	1,719	1/2	2,771	1/2	3,782	1/2	4,720	1/2		1/2		1/2		1/2		1/2	
3/4	683	3/4	1,741	3/4	2,793	3/4	3,802	3/4	4,739	3/4		3/4		3/4		3/4		3/4	
8	705	8	1,763	8	2,814	8	3,823	8	4,757	8	8	8	8	8	8	8	8	8	8
1/4	727	1/4	1,785	1/4	2,836	1/4	3,843	1/4	4,776	1/4		1/4		1/4		1/4		1/4	
1/2	749	1/2	1,807	1/2	2,858	1/2	3,863	1/2	4,795	1/2		1/2		1/2		1/2		1/2	
3/4	771	3/4	1,829	3/4	2,879	3/4	3,884	3/4		3/4		3/4		3/4		3/4		3/4	
9	793	9	1,851	9	2,901	9	3,904	9		9	9	9	9	9	9	9	9	9	9
1/4	815	1/4	1,873	1/4	2,922	1/4	3,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	837	1/2	1,895	1/2	2,943	1/2	3,945	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	859	3/4	1,917	3/4	2,965	3/4	3,965	3/4		3/4		3/4		3/4		3/4		3/4	
10	881	10	1,939	10	2,986	10	3,985	10		10	10	10	10	10	10	10	10	10	10
1/4	903	1/4	1,961	1/4	3,008	1/4	4,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	925	1/2	1,983	1/2	3,029	1/2	4,026	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	947	3/4	2,005	3/4	3,050	3/4	4,046	3/4		3/4		3/4		3/4		3/4		3/4	
11	969	11	2,027	11	3,071	11	4,066	11		11	11	11	11	11	11	11	11	11	11
1/4	991	1/4	2,049	1/4	3,093	1/4	4,086	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,013	1/2	2,071	1/2	3,114	1/2	4,106	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,036	3/4	2,093	3/4	3,135	3/4	4,126	3/4		3/4		3/4		3/4		3/4		3/4	

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

STRAPPED: 05/28/2024 JS
CALCULATED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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BARGE "KIRBY 28094"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 06' 09 1/4"

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	1,058	0	2,115	0	3,156	0	4,146	0		0		0		0		0	
1/4	22	1/4	1,080	1/4	2,137	1/4	3,178	1/4	4,166	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,102	1/2	2,159	1/2	3,199	1/2	4,186	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,124	3/4	2,181	3/4	3,220	3/4	4,207	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,146	1	2,203	1	3,241	1	4,227	1	1	1	1	1	1	1	1	1	1
1/4	110	1/4	1,168	1/4	2,225	1/4	3,262	1/4	4,247	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	1,190	1/2	2,247	1/2	3,283	1/2	4,266	1/2		1/2		1/2		1/2		1/2	
3/4	154	3/4	1,212	3/4	2,269	3/4	3,304	3/4	4,286	3/4		3/4		3/4		3/4		3/4	
2	176	2	1,234	2	2,291	2	3,325	2	4,306	2	2	2	2	2	2	2	2	2	2
1/4	198	1/4	1,256	1/4	2,313	1/4	3,346	1/4	4,326	1/4		1/4		1/4		1/4		1/4	
1/2	220	1/2	1,278	1/2	2,335	1/2	3,367	1/2	4,346	1/2		1/2		1/2		1/2		1/2	
3/4	242	3/4	1,300	3/4	2,357	3/4	3,388	3/4	4,365	3/4		3/4		3/4		3/4		3/4	
3	264	3	1,322	3	2,380	3	3,409	3	4,385	3	3	3	3	3	3	3	3	3	3
1/4	286	1/4	1,344	1/4	2,401	1/4	3,430	1/4	4,404	1/4		1/4		1/4		1/4		1/4	
1/2	308	1/2	1,366	1/2	2,423	1/2	3,451	1/2	4,422	1/2		1/2		1/2		1/2		1/2	
3/4	330	3/4	1,388	3/4	2,445	3/4	3,472	3/4	4,441	3/4		3/4		3/4		3/4		3/4	
4	353	4	1,410	4	2,467	4	3,493	4	4,460	4	4	4	4	4	4	4	4	4	4
1/4	375	1/4	1,432	1/4	2,489	1/4	3,513	1/4	4,479	1/4		1/4		1/4		1/4		1/4	
1/2	397	1/2	1,454	1/2	2,511	1/2	3,534	1/2	4,497	1/2		1/2		1/2		1/2		1/2	
3/4	419	3/4	1,476	3/4	2,533	3/4	3,555	3/4	4,516	3/4		3/4		3/4		3/4		3/4	
5	441	5	1,498	5	2,555	5	3,576	5	4,535	5	5	5	5	5	5	5	5	5	5
1/4	463	1/4	1,520	1/4	2,576	1/4	3,596	1/4	4,553	1/4		1/4		1/4		1/4		1/4	
1/2	485	1/2	1,542	1/2	2,598	1/2	3,617	1/2	4,572	1/2		1/2		1/2		1/2		1/2	
3/4	507	3/4	1,564	3/4	2,620	3/4	3,638	3/4	4,591	3/4		3/4		3/4		3/4		3/4	
6	529	6	1,586	6	2,642	6	3,658	6	4,609	6	6	6	6	6	6	6	6	6	6
1/4	551	1/4	1,608	1/4	2,663	1/4	3,679	1/4	4,628	1/4		1/4		1/4		1/4		1/4	
1/2	573	1/2	1,630	1/2	2,685	1/2	3,699	1/2	4,646	1/2		1/2		1/2		1/2		1/2	
3/4	595	3/4	1,652	3/4	2,707	3/4	3,720	3/4	4,665	3/4		3/4		3/4		3/4		3/4	
7	617	7	1,674	7	2,728	7	3,741	7	4,683	7	7	7	7	7	7	7	7	7	7
1/4	639	1/4	1,697	1/4	2,750	1/4	3,761	1/4	4,702	1/4		1/4		1/4		1/4		1/4	
1/2	661	1/2	1,719	1/2	2,771	1/2	3,782	1/2	4,720	1/2		1/2		1/2		1/2		1/2	
3/4	683	3/4	1,741	3/4	2,793	3/4	3,802	3/4	4,739	3/4		3/4		3/4		3/4		3/4	
8	705	8	1,763	8	2,814	8	3,823	8	4,757	8	8	8	8	8	8	8	8	8	8
1/4	727	1/4	1,785	1/4	2,836	1/4	3,843	1/4	4,776	1/4		1/4		1/4		1/4		1/4	
1/2	749	1/2	1,807	1/2	2,858	1/2	3,863	1/2	4,795	1/2		1/2		1/2		1/2		1/2	
3/4	771	3/4	1,829	3/4	2,879	3/4	3,884	3/4		3/4		3/4		3/4		3/4		3/4	
9	793	9	1,851	9	2,901	9	3,904	9		9	9	9	9	9	9	9	9	9	9
1/4	815	1/4	1,873	1/4	2,922	1/4	3,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	837	1/2	1,895	1/2	2,943	1/2	3,945	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	859	3/4	1,917	3/4	2,965	3/4	3,965	3/4		3/4		3/4		3/4		3/4		3/4	
10	881	10	1,939	10	2,986	10	3,985	10		10	10	10	10	10	10	10	10	10	10
1/4	903	1/4	1,961	1/4	3,008	1/4	4,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	925	1/2	1,983	1/2	3,029	1/2	4,026	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	947	3/4	2,005	3/4	3,050	3/4	4,046	3/4		3/4		3/4		3/4		3/4		3/4	
11	969	11	2,027	11	3,071	11	4,066	11		11	11	11	11	11	11	11	11	11	11
1/4	991	1/4	2,049	1/4	3,093	1/4	4,086	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,013	1/2	2,071	1/2	3,114	1/2	4,106	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,036	3/4	2,093	3/4	3,135	3/4	4,126	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 05/28/2024 JS
CALCULATED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 28094"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
1 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

May 28, 2024

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "KIRBY 28094"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

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	10.20	0	261.09	0	544.36	0	850.01	0	1,177.77	0	1,510.63	0	1,843.49	0	2,176.29	0	2,509.02	0	2,841.76
1/4	13.55	1/4	266.78	1/4	550.50	1/4	856.65	1/4	1,184.70	1/4	1,517.56	1/4	1,850.42	1/4	2,183.23	1/4	2,515.96	1/4	2,848.69
1/2	16.89	1/2	272.47	1/2	556.63	1/2	863.29	1/2	1,191.64	1/2	1,524.50	1/2	1,857.36	1/2	2,190.16	1/2	2,522.89	1/2	2,855.62
3/4	20.23	3/4	278.15	3/4	562.77	3/4	869.93	3/4	1,198.57	3/4	1,531.43	3/4	1,864.29	3/4	2,197.09	3/4	2,529.82	3/4	2,862.55
1	23.57	1	283.84	1	568.91	1	876.56	1	1,205.51	1	1,538.37	1	1,871.23	1	2,204.02	1	2,536.75	1	2,869.48
1/4	28.25	1/4	289.56	1/4	575.09	1/4	883.24	1/4	1,212.44	1/4	1,545.30	1/4	1,878.16	1/4	2,210.95	1/4	2,543.68	1/4	2,876.42
1/2	32.92	1/2	295.28	1/2	581.27	1/2	889.92	1/2	1,219.37	1/2	1,552.24	1/2	1,885.10	1/2	2,217.88	1/2	2,550.62	1/2	2,883.35
3/4	37.60	3/4	301.01	3/4	587.45	3/4	896.60	3/4	1,226.31	3/4	1,559.17	3/4	1,892.03	3/4	2,224.82	3/4	2,557.55	3/4	2,890.28
2	42.27	2	306.73	2	593.63	2	903.27	2	1,233.24	2	1,566.10	2	1,898.97	2	2,231.75	2	2,564.48	2	2,897.21
1/4	47.56	1/4	312.49	1/4	599.85	1/4	909.99	1/4	1,240.18	1/4	1,573.04	1/4	1,905.90	1/4	2,238.68	1/4	2,571.41	1/4	2,904.14
1/2	52.86	1/2	318.26	1/2	606.07	1/2	916.71	1/2	1,247.11	1/2	1,579.97	1/2	1,912.83	1/2	2,245.61	1/2	2,578.34	1/2	2,911.07
3/4	58.15	3/4	324.02	3/4	612.29	3/4	923.42	3/4	1,254.05	3/4	1,586.91	3/4	1,919.77	3/4	2,252.54	3/4	2,585.28	3/4	2,918.01
3	63.44	3	329.78	3	618.51	3	930.14	3	1,260.98	3	1,593.84	3	1,926.70	3	2,259.48	3	2,592.21	3	2,924.94
1/4	68.77	1/4	335.59	1/4	624.77	1/4	936.90	1/4	1,267.92	1/4	1,600.78	1/4	1,933.64	1/4	2,266.41	1/4	2,599.14	1/4	2,931.87
1/2	74.10	1/2	341.39	1/2	631.03	1/2	943.65	1/2	1,274.85	1/2	1,607.71	1/2	1,940.57	1/2	2,273.34	1/2	2,606.07	1/2	2,938.80
3/4	79.44	3/4	347.20	3/4	637.29	3/4	950.41	3/4	1,281.79	3/4	1,614.65	3/4	1,947.51	3/4	2,280.27	3/4	2,613.00	3/4	2,945.73
4	84.77	4	353.00	4	643.55	4	957.17	4	1,288.72	4	1,621.58	4	1,954.44	4	2,287.20	4	2,619.94	4	2,952.67
1/4	90.14	1/4	358.85	1/4	649.85	1/4	963.96	1/4	1,295.66	1/4	1,628.52	1/4	1,961.38	1/4	2,294.14	1/4	2,626.87	1/4	2,959.60
1/2	95.51	1/2	364.70	1/2	656.15	1/2	970.76	1/2	1,302.59	1/2	1,635.45	1/2	1,968.31	1/2	2,301.07	1/2	2,633.80	1/2	2,966.53
3/4	100.88	3/4	370.54	3/4	662.44	3/4	977.56	3/4	1,309.52	3/4	1,642.39	3/4	1,975.25	3/4	2,308.00	3/4	2,640.73	3/4	2,973.47
5	106.26	5	376.39	5	668.74	5	984.35	5	1,316.46	5	1,649.32	5	1,982.18	5	2,314.93	5	2,647.66	5	2,980.40
1/4	111.67	1/4	382.28	1/4	675.08	1/4	991.19	1/4	1,323.39	1/4	1,656.25	1/4	1,989.12	1/4	2,321.86	1/4	2,654.59	1/4	2,987.33
1/2	117.08	1/2	388.16	1/2	681.42	1/2	998.02	1/2	1,330.33	1/2	1,663.19	1/2	1,996.05	1/2	2,328.80	1/2	2,661.53	1/2	2,994.26
3/4	122.49	3/4	394.05	3/4	687.76	3/4	1,004.86	3/4	1,337.26	3/4	1,670.12	3/4	2,002.98	3/4	2,335.73	3/4	2,668.46	3/4	3,001.19
6	127.90	6	399.93	6	694.10	6	1,011.69	6	1,344.20	6	1,677.06	6	2,009.92	6	2,342.66	6	2,675.39	6	3,008.13
1/4	133.35	1/4	405.86	1/4	700.49	1/4	1,018.57	1/4	1,351.13	1/4	1,683.99	1/4	2,016.85	1/4	2,349.59	1/4	2,682.32	1/4	3,015.06
1/2	138.80	1/2	411.78	1/2	706.87	1/2	1,025.44	1/2	1,358.07	1/2	1,690.93	1/2	2,023.79	1/2	2,356.52	1/2	2,689.25	1/2	3,021.99
3/4	144.25	3/4	417.71	3/4	713.26	3/4	1,032.32	3/4	1,365.00	3/4	1,697.86	3/4	2,030.72	3/4	2,363.45	3/4	2,696.19	3/4	3,028.92
7	149.70	7	423.64	7	719.64	7	1,039.19	7	1,371.94	7	1,704.80	7	2,037.66	7	2,370.39	7	2,703.12	7	3,035.85
1/4	155.19	1/4	429.60	1/4	726.08	1/4	1,046.10	1/4	1,378.87	1/4	1,711.73	1/4	2,044.59	1/4	2,377.32	1/4	2,710.05	1/4	3,042.78
1/2	160.68	1/2	435.57	1/2	732.52	1/2	1,053.01	1/2	1,385.81	1/2	1,718.67	1/2	2,051.52	1/2	2,384.25	1/2	2,716.98	1/2	3,049.72
3/4	166.17	3/4	441.53	3/4	738.95	3/4	1,059.92	3/4	1,392.74	3/4	1,725.60	3/4	2,058.45	3/4	2,391.18	3/4	2,723.91	3/4	3,056.65
8	171.66	8	447.50	8	745.39	8	1,066.83	8	1,399.67	8	1,732.54	8	2,065.38	8	2,398.11	8	2,730.85	8	3,063.58
1/4	177.19	1/4	453.50	1/4	751.87	1/4	1,073.76	1/4	1,406.61	1/4	1,739.47	1/4	2,072.32	1/4	2,405.05	1/4	2,737.78	1/4	3,070.51
1/2	182.72	1/2	459.51	1/2	758.35	1/2	1,080.69	1/2	1,413.54	1/2	1,746.40	1/2	2,079.25	1/2	2,411.98	1/2	2,744.71	1/2	3,077.44
3/4	188.25	3/4	465.51	3/4	764.83	3/4	1,087.62	3/4	1,420.48	3/4	1,753.34	3/4	2,086.18	3/4	2,418.91	3/4	2,751.64	3/4	3,084.38
9	193.78	9	471.52	9	771.31	9	1,094.55	9	1,427.41	9	1,760.27	9	2,093.11	9	2,425.84	9	2,758.57	9	3,091.31
1/4	199.35	1/4	477.56	1/4	777.83	1/4	1,101.49	1/4	1,434.35	1/4	1,767.21	1/4	2,100.04	1/4	2,432.77	1/4	2,765.50	1/4	3,098.24
1/2	204.92	1/2	483.60	1/2	784.35	1/2	1,108.42	1/2	1,441.28	1/2	1,774.14	1/2	2,106.97	1/2	2,439.71	1/2	2,772.44	1/2	3,105.17
3/4	210.49	3/4	489.64	3/4	790.87	3/4	1,115.36	3/4	1,448.22	3/4	1,781.08	3/4	2,113.91	3/4	2,446.64	3/4	2,779.37	3/4	3,112.10
10	216.06	10	495.68	10	797.39	10	1,122.29	10	1,455.15	10	1,788.01	10	2,120.84	10	2,453.57	10	2,786.30	10	3,119.03
1/4	221.67	1/4	501.75	1/4	803.94	1/4	1,129.22	1/4	1,462.09	1/4	1,794.95	1/4	2,127.77	1/4	2,460.50	1/4	2,793.23	1/4	3,125.97
1/2	227.28	1/2	507.82	1/2	810.50	1/2	1,136.16	1/2	1,469.02	1/2	1,801.88	1/2	2,134.70	1/2	2,467.43	1/2	2,800.16	1/2	3,132.90
3/4	232.89	3/4	513.89	3/4	817.06	3/4	1,143.09	3/4	1,475.95	3/4	1,808.82	3/4	2,141.63	3/4	2,474.37	3/4	2,807.10	3/4	3,139.83
11	238.50	11	519.96	11	823.62	11	1,150.03	11	1,482.89	11	1,815.75	11	2,148.57	11	2,481.30	11	2,814.03	11	3,146.76
1/4	244.15	1/4	526.06	1/4	830.22	1/4	1,156.96	1/4	1,489.82	1/4	1,822.68	1/4	2,155.50	1/4	2,488.23	1/4	2,820.96	1/4	3,153.69
1/2	249.79	1/2	532.16	1/2	836.82	1/2	1,163.90	1/2	1,496.76	1/2	1,829.62	1/2	2,162.43	1/2	2,495.16	1/2	2,827.89	1/2	3,160.63
3/4	255.44	3/4	538.26	3/4	843.41	3/4	1,170.83	3/4	1,503.69	3/4	1,836.55	3/4	2,169.36	3/4	2,502.09	3/4	2,834.82	3/4	3,167.56

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06 1/4" FORWARD OF AFT BULKHEAD.

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BARGE "KIRBY 28094"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,174.49	0	3,507.22	0	3,838.60	0	4,156.87	0	4,458.62	0		0		0		0		0	
1/4	3,181.42	1/4	3,514.15	1/4	3,845.39	1/4	4,163.30	1/4	4,464.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,188.35	1/2	3,521.08	1/2	3,852.18	1/2	4,169.73	1/2	4,471.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,195.28	3/4	3,528.01	3/4	3,858.96	3/4	4,176.16	3/4	4,477.56	3/4		3/4		3/4		3/4		3/4	
1	3,202.22	1	3,534.94	1	3,865.75	1	4,182.59	1	4,483.88	1		1		1		1		1	
1/4	3,209.15	1/4	3,541.87	1/4	3,872.51	1/4	4,189.00	1/4	4,490.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,216.08	1/2	3,548.81	1/2	3,879.27	1/2	4,195.40	1/2	4,497.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,223.01	3/4	3,555.74	3/4	3,886.03	3/4	4,201.81	3/4	4,503.97	3/4		3/4		3/4		3/4		3/4	
2	3,229.94	2	3,562.67	2	3,892.79	2	4,208.21	2	4,510.67	2		2		2		2		2	
1/4	3,236.88	1/4	3,569.60	1/4	3,899.53	1/4	4,214.59	1/4	4,517.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,243.81	1/2	3,576.53	1/2	3,906.26	1/2	4,220.97	1/2	4,524.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,250.74	3/4	3,583.47	3/4	3,913.00	3/4	4,227.35	3/4	4,531.35	3/4		3/4		3/4		3/4		3/4	
3	3,257.67	3	3,590.40	3	3,919.73	3	4,233.73	3	4,538.24	3		3		3		3		3	
1/4	3,264.60	1/4	3,597.33	1/4	3,926.44	1/4	4,240.08	1/4	4,545.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,271.53	1/2	3,604.26	1/2	3,933.15	1/2	4,246.43	1/2	4,551.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,278.47	3/4	3,611.19	3/4	3,939.85	3/4	4,252.78	3/4	4,558.65	3/4		3/4		3/4		3/4		3/4	
4	3,285.40	4	3,618.12	4	3,946.56	4	4,259.14	4	4,565.46	4		4		4		4		4	
1/4	3,292.33	1/4	3,625.06	1/4	3,953.24	1/4	4,265.46	1/4	4,571.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,299.26	1/2	3,631.99	1/2	3,959.93	1/2	4,271.79	1/2	4,577.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,306.19	3/4	3,638.92	3/4	3,966.61	3/4	4,278.11	3/4	4,583.79	3/4		3/4		3/4		3/4		3/4	
5	3,313.13	5	3,645.85	5	3,973.29	5	4,284.44	5	4,589.90	5		5		5		5		5	
1/4	3,320.06	1/4	3,652.78	1/4	3,979.94	1/4	4,290.74	1/4	4,594.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,326.99	1/2	3,659.72	1/2	3,986.60	1/2	4,297.04	1/2	4,599.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,333.92	3/4	3,666.65	3/4	3,993.25	3/4	4,303.34	3/4	4,604.34	3/4		3/4		3/4		3/4		3/4	
6	3,340.85	6	3,673.58	6	3,999.91	6	4,309.64	6	4,609.15	6		6		6		6		6	
1/4	3,347.78	1/4	3,680.51	1/4	4,006.54	1/4	4,315.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,354.72	1/2	3,687.44	1/2	4,013.17	1/2	4,322.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,361.65	3/4	3,694.37	3/4	4,019.80	3/4	4,328.46	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,368.58	7	3,701.29	7	4,026.43	7	4,334.73	7		7		7		7		7		7	
1/4	3,375.51	1/4	3,708.21	1/4	4,033.03	1/4	4,340.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,382.44	1/2	3,715.12	1/2	4,039.63	1/2	4,347.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,389.37	3/4	3,722.04	3/4	4,046.23	3/4	4,353.47	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,396.31	8	3,728.96	8	4,052.84	8	4,359.72	8		8		8		8		8		8	
1/4	3,403.24	1/4	3,735.85	1/4	4,059.39	1/4	4,365.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,410.17	1/2	3,742.74	1/2	4,065.95	1/2	4,372.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,417.10	3/4	3,749.63	3/4	4,072.51	3/4	4,378.38	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,424.03	9	3,756.53	9	4,079.06	9	4,384.60	9		9		9		9		9		9	
1/4	3,430.97	1/4	3,763.39	1/4	4,085.57	1/4	4,390.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,437.90	1/2	3,770.26	1/2	4,092.08	1/2	4,396.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,444.83	3/4	3,777.12	3/4	4,098.59	3/4	4,403.18	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,451.76	10	3,783.99	10	4,105.10	10	4,409.38	10		10		10		10		10		10	
1/4	3,458.69	1/4	3,790.83	1/4	4,111.59	1/4	4,415.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,465.62	1/2	3,797.67	1/2	4,118.07	1/2	4,421.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,472.56	3/4	3,804.51	3/4	4,124.56	3/4	4,427.88	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,479.49	11	3,811.35	11	4,131.04	11	4,434.05	11		11		11		11		11		11	
1/4	3,486.42	1/4	3,818.16	1/4	4,137.50	1/4	4,440.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,493.35	1/2	3,824.97	1/2	4,143.95	1/2	4,446.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,500.28	3/4	3,831.79	3/4	4,150.41	3/4	4,452.47	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 28094"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

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	10.11	0	258.78	0	539.55	0	842.07	0	1,166.43	0	1,496.40	0	1,826.37	0	2,156.29	0	2,486.13	0	2,815.98
1/4	13.43	1/4	264.42	1/4	545.64	1/4	848.63	1/4	1,173.30	1/4	1,503.27	1/4	1,833.24	1/4	2,163.16	1/4	2,493.01	1/4	2,822.85
1/2	16.74	1/2	270.05	1/2	551.72	1/2	855.19	1/2	1,180.17	1/2	1,510.15	1/2	1,840.12	1/2	2,170.03	1/2	2,499.88	1/2	2,829.72
3/4	20.05	3/4	275.69	3/4	557.81	3/4	861.75	3/4	1,187.05	3/4	1,517.02	3/4	1,846.99	3/4	2,176.90	3/4	2,506.75	3/4	2,836.60
1	23.36	1	281.33	1	563.89	1	868.31	1	1,193.92	1	1,523.89	1	1,853.87	1	2,183.78	1	2,513.62	1	2,843.47
1/4	28.00	1/4	287.00	1/4	570.02	1/4	874.90	1/4	1,200.80	1/4	1,530.77	1/4	1,860.74	1/4	2,190.65	1/4	2,520.49	1/4	2,850.34
1/2	32.63	1/2	292.67	1/2	576.14	1/2	881.50	1/2	1,207.67	1/2	1,537.64	1/2	1,867.61	1/2	2,197.52	1/2	2,527.37	1/2	2,857.21
3/4	37.26	3/4	298.34	3/4	582.27	3/4	888.10	3/4	1,214.55	3/4	1,544.52	3/4	1,874.49	3/4	2,204.39	3/4	2,534.24	3/4	2,864.08
2	41.90	2	304.02	2	588.39	2	894.70	2	1,221.42	2	1,551.39	2	1,881.36	2	2,211.26	2	2,541.11	2	2,870.96
1/4	47.14	1/4	309.73	1/4	594.56	1/4	901.34	1/4	1,228.30	1/4	1,558.27	1/4	1,888.24	1/4	2,218.13	1/4	2,547.98	1/4	2,877.83
1/2	52.39	1/2	315.44	1/2	600.72	1/2	907.97	1/2	1,235.17	1/2	1,565.14	1/2	1,895.11	1/2	2,225.01	1/2	2,554.85	1/2	2,884.70
3/4	57.63	3/4	321.15	3/4	606.89	3/4	914.61	3/4	1,242.04	3/4	1,572.02	3/4	1,901.99	3/4	2,231.88	3/4	2,561.72	3/4	2,891.57
3	62.88	3	326.86	3	613.06	3	921.25	3	1,248.92	3	1,578.89	3	1,908.86	3	2,238.75	3	2,568.60	3	2,898.44
1/4	68.16	1/4	332.62	1/4	619.26	1/4	927.92	1/4	1,255.79	1/4	1,585.76	1/4	1,915.74	1/4	2,245.62	1/4	2,575.47	1/4	2,905.31
1/2	73.45	1/2	338.37	1/2	625.47	1/2	934.60	1/2	1,262.67	1/2	1,592.64	1/2	1,922.61	1/2	2,252.49	1/2	2,582.34	1/2	2,912.19
3/4	78.73	3/4	344.13	3/4	631.67	3/4	941.28	3/4	1,269.54	3/4	1,599.51	3/4	1,929.48	3/4	2,259.36	3/4	2,589.21	3/4	2,919.06
4	84.02	4	349.88	4	637.88	4	947.95	4	1,276.42	4	1,606.39	4	1,936.36	4	2,266.24	4	2,596.08	4	2,925.93
1/4	89.34	1/4	355.68	1/4	644.12	1/4	954.67	1/4	1,283.29	1/4	1,613.26	1/4	1,943.23	1/4	2,273.11	1/4	2,602.95	1/4	2,932.80
1/2	94.66	1/2	361.47	1/2	650.36	1/2	961.39	1/2	1,290.16	1/2	1,620.14	1/2	1,950.11	1/2	2,279.98	1/2	2,609.83	1/2	2,939.67
3/4	99.99	3/4	367.27	3/4	656.61	3/4	968.10	3/4	1,297.04	3/4	1,627.01	3/4	1,956.98	3/4	2,286.85	3/4	2,616.70	3/4	2,946.54
5	105.31	5	373.06	5	662.85	5	974.82	5	1,303.91	5	1,633.88	5	1,963.86	5	2,293.72	5	2,623.57	5	2,953.42
1/4	110.68	1/4	378.90	1/4	669.14	1/4	981.57	1/4	1,310.79	1/4	1,640.76	1/4	1,970.73	1/4	2,300.60	1/4	2,630.44	1/4	2,960.29
1/2	116.04	1/2	384.73	1/2	675.42	1/2	988.33	1/2	1,317.66	1/2	1,647.63	1/2	1,977.60	1/2	2,307.47	1/2	2,637.31	1/2	2,967.16
3/4	121.40	3/4	390.56	3/4	681.70	3/4	995.08	3/4	1,324.54	3/4	1,654.51	3/4	1,984.48	3/4	2,314.34	3/4	2,644.19	3/4	2,974.03
6	126.77	6	396.40	6	687.99	6	1,001.84	6	1,331.41	6	1,661.38	6	1,991.35	6	2,321.21	6	2,651.06	6	2,980.90
1/4	132.17	1/4	402.27	1/4	694.31	1/4	1,008.64	1/4	1,338.29	1/4	1,668.26	1/4	1,998.23	1/4	2,328.08	1/4	2,657.93	1/4	2,987.77
1/2	137.57	1/2	408.15	1/2	700.63	1/2	1,015.45	1/2	1,345.16	1/2	1,675.13	1/2	2,005.10	1/2	2,334.95	1/2	2,664.80	1/2	2,994.65
3/4	142.97	3/4	414.02	3/4	706.95	3/4	1,022.25	3/4	1,352.03	3/4	1,682.01	3/4	2,011.98	3/4	2,341.83	3/4	2,671.67	3/4	3,001.52
7	148.38	7	419.89	7	713.27	7	1,029.06	7	1,358.91	7	1,688.88	7	2,018.85	7	2,348.70	7	2,678.54	7	3,008.39
1/4	153.82	1/4	425.81	1/4	719.63	1/4	1,035.91	1/4	1,365.78	1/4	1,695.75	1/4	2,025.72	1/4	2,355.57	1/4	2,685.42	1/4	3,015.26
1/2	159.26	1/2	431.72	1/2	725.98	1/2	1,042.76	1/2	1,372.66	1/2	1,702.63	1/2	2,032.60	1/2	2,362.44	1/2	2,692.29	1/2	3,022.13
3/4	164.70	3/4	437.63	3/4	732.34	3/4	1,049.61	3/4	1,379.53	3/4	1,709.50	3/4	2,039.47	3/4	2,369.31	3/4	2,699.16	3/4	3,029.00
8	170.14	8	443.54	8	738.70	8	1,056.46	8	1,386.41	8	1,716.38	8	2,046.34	8	2,376.19	8	2,706.03	8	3,035.88
1/4	175.62	1/4	449.50	1/4	745.10	1/4	1,063.32	1/4	1,393.28	1/4	1,723.25	1/4	2,053.21	1/4	2,383.06	1/4	2,712.90	1/4	3,042.75
1/2	181.10	1/2	455.45	1/2	751.51	1/2	1,070.19	1/2	1,400.16	1/2	1,730.13	1/2	2,060.08	1/2	2,389.93	1/2	2,719.78	1/2	3,049.62
3/4	186.59	3/4	461.40	3/4	757.91	3/4	1,077.06	3/4	1,407.03	3/4	1,737.00	3/4	2,066.95	3/4	2,396.80	3/4	2,726.65	3/4	3,056.49
9	192.07	9	467.35	9	764.31	9	1,083.93	9	1,413.90	9	1,743.88	9	2,073.83	9	2,403.67	9	2,733.52	9	3,063.36
1/4	197.59	1/4	473.34	1/4	770.75	1/4	1,090.81	1/4	1,420.78	1/4	1,750.75	1/4	2,080.70	1/4	2,410.54	1/4	2,740.39	1/4	3,070.23
1/2	203.11	1/2	479.33	1/2	777.19	1/2	1,097.68	1/2	1,427.65	1/2	1,757.62	1/2	2,087.57	1/2	2,417.42	1/2	2,747.26	1/2	3,077.11
3/4	208.63	3/4	485.31	3/4	783.63	3/4	1,104.56	3/4	1,434.53	3/4	1,764.50	3/4	2,094.44	3/4	2,424.29	3/4	2,754.13	3/4	3,083.98
10	214.15	10	491.30	10	790.07	10	1,111.43	10	1,441.40	10	1,771.37	10	2,101.31	10	2,431.16	10	2,761.01	10	3,090.85
1/4	219.71	1/4	497.32	1/4	796.55	1/4	1,118.30	1/4	1,448.28	1/4	1,778.25	1/4	2,108.19	1/4	2,438.03	1/4	2,767.88	1/4	3,097.72
1/2	225.27	1/2	503.34	1/2	803.03	1/2	1,125.18	1/2	1,455.15	1/2	1,785.12	1/2	2,115.06	1/2	2,444.90	1/2	2,774.75	1/2	3,104.59
3/4	230.83	3/4	509.35	3/4	809.51	3/4	1,132.05	3/4	1,462.02	3/4	1,792.00	3/4	2,121.93	3/4	2,451.78	3/4	2,781.62	3/4	3,111.46
11	236.38	11	515.37	11	815.99	11	1,138.93	11	1,468.90	11	1,798.87	11	2,128.80	11	2,458.65	11	2,788.49	11	3,118.34
1/4	241.98	1/4	521.41	1/4	822.51	1/4	1,145.80	1/4	1,475.77	1/4	1,805.74	1/4	2,135.67	1/4	2,465.52	1/4	2,795.37	1/4	3,125.21
1/2	247.58	1/2	527.46	1/2	829.03	1/2	1,152.68	1/2	1,482.65	1/2	1,812.62	1/2	2,142.54	1/2	2,472.39	1/2	2,802.24	1/2	3,132.08
3/4	253.18	3/4	533.51	3/4	835.55	3/4	1,159.55	3/4	1,489.52	3/4	1,819.49	3/4	2,149.42	3/4	2,479.26	3/4	2,809.11	3/4	3,138.95

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06 1/4" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,145.82	0	3,475.66	0	3,804.17	0	4,119.67	0	4,418.77	0		0		0		0		0	
1/4	3,152.69	1/4	3,482.54	1/4	3,810.90	1/4	4,126.04	1/4	4,425.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,159.57	1/2	3,489.41	1/2	3,817.63	1/2	4,132.42	1/2	4,431.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,166.44	3/4	3,496.28	3/4	3,824.35	3/4	4,138.79	3/4	4,437.56	3/4		3/4		3/4		3/4		3/4	
1	3,173.31	1	3,503.15	1	3,831.08	1	4,145.17	1	4,443.82	1		1		1		1		1	
1/4	3,180.18	1/4	3,510.02	1/4	3,837.78	1/4	4,151.52	1/4	4,450.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,187.05	1/2	3,516.89	1/2	3,844.49	1/2	4,157.86	1/2	4,457.10	1/2		1/2		1/2		1/2		1/2	
3/4	3,193.92	3/4	3,523.77	3/4	3,851.19	3/4	4,164.21	3/4	4,463.74	3/4		3/4		3/4		3/4		3/4	
2	3,200.80	2	3,530.64	2	3,857.89	2	4,170.56	2	4,470.37	2		2		2		2		2	
1/4	3,207.67	1/4	3,537.51	1/4	3,864.57	1/4	4,176.89	1/4	4,477.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,214.54	1/2	3,544.38	1/2	3,871.24	1/2	4,183.21	1/2	4,484.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,221.41	3/4	3,551.25	3/4	3,877.92	3/4	4,189.53	3/4	4,490.87	3/4		3/4		3/4		3/4		3/4	
3	3,228.28	3	3,558.12	3	3,884.59	3	4,195.85	3	4,497.70	3		3		3		3		3	
1/4	3,235.15	1/4	3,565.00	1/4	3,891.24	1/4	4,202.15	1/4	4,504.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,242.03	1/2	3,571.87	1/2	3,897.89	1/2	4,208.45	1/2	4,511.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,248.90	3/4	3,578.74	3/4	3,904.54	3/4	4,214.74	3/4	4,517.94	3/4		3/4		3/4		3/4		3/4	
4	3,255.77	4	3,585.61	4	3,911.19	4	4,221.04	4	4,524.69	4		4		4		4		4	
1/4	3,262.64	1/4	3,592.48	1/4	3,917.82	1/4	4,227.31	1/4	4,530.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,269.51	1/2	3,599.35	1/2	3,924.44	1/2	4,233.58	1/2	4,536.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,276.39	3/4	3,606.23	3/4	3,931.06	3/4	4,239.85	3/4	4,542.86	3/4		3/4		3/4		3/4		3/4	
5	3,283.26	5	3,613.10	5	3,937.69	5	4,246.12	5	4,548.92	5		5		5		5		5	
1/4	3,290.13	1/4	3,619.97	1/4	3,944.28	1/4	4,252.37	1/4	4,553.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,297.00	1/2	3,626.84	1/2	3,950.88	1/2	4,258.61	1/2	4,558.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,303.87	3/4	3,633.71	3/4	3,957.48	3/4	4,264.86	3/4	4,563.23	3/4		3/4		3/4		3/4		3/4	
6	3,310.74	6	3,640.59	6	3,964.08	6	4,271.10	6	4,568.00	6		6		6		6		6	
1/4	3,317.62	1/4	3,647.45	1/4	3,970.65	1/4	4,277.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,324.49	1/2	3,654.32	1/2	3,977.22	1/2	4,283.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,331.36	3/4	3,661.19	3/4	3,983.79	3/4	4,289.76	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,338.23	7	3,668.06	7	3,990.36	7	4,295.97	7		7		7		7		7		7	
1/4	3,345.10	1/4	3,674.91	1/4	3,996.91	1/4	4,302.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,351.97	1/2	3,681.77	1/2	4,003.45	1/2	4,308.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,358.85	3/4	3,688.62	3/4	4,010.00	3/4	4,314.55	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,365.72	8	3,695.48	8	4,016.54	8	4,320.74	8		8		8		8		8		8	
1/4	3,372.59	1/4	3,702.31	1/4	4,023.04	1/4	4,326.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,379.46	1/2	3,709.14	1/2	4,029.54	1/2	4,333.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,386.33	3/4	3,715.97	3/4	4,036.04	3/4	4,339.24	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,393.20	9	3,722.81	9	4,042.54	9	4,345.41	9		9		9		9		9		9	
1/4	3,400.08	1/4	3,729.61	1/4	4,048.99	1/4	4,351.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,406.95	1/2	3,736.42	1/2	4,055.45	1/2	4,357.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,413.82	3/4	3,743.23	3/4	4,061.90	3/4	4,363.83	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,420.69	10	3,750.03	10	4,068.35	10	4,369.97	10		10		10		10		10		10	
1/4	3,427.56	1/4	3,756.81	1/4	4,074.78	1/4	4,376.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,434.43	1/2	3,763.59	1/2	4,081.21	1/2	4,382.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,441.31	3/4	3,770.37	3/4	4,087.63	3/4	4,388.31	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,448.18	11	3,777.15	11	4,094.06	11	4,394.42	11		11		11		11		11		11	
1/4	3,455.05	1/4	3,783.91	1/4	4,100.46	1/4	4,400.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,461.92	1/2	3,790.66	1/2	4,106.86	1/2	4,406.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,468.79	3/4	3,797.42	3/4	4,113.27	3/4	4,412.69	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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





BARGE "KIRBY 28094"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

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	13.85	0	388.66	0	776.74	0	1,164.43	0	1,552.72	0	1,941.01	0	2,329.30	0	2,717.55	0	3,105.70	0	3,493.84
1/4	19.24	1/4	396.75	1/4	784.81	1/4	1,172.52	1/4	1,560.81	1/4	1,949.10	1/4	2,337.39	1/4	2,725.64	1/4	3,113.78	1/4	3,501.92
1/2	24.63	1/2	404.84	1/2	792.87	1/2	1,180.61	1/2	1,568.90	1/2	1,957.19	1/2	2,345.48	1/2	2,733.73	1/2	3,121.87	1/2	3,510.01
3/4	30.03	3/4	412.92	3/4	800.94	3/4	1,188.69	3/4	1,576.99	3/4	1,965.28	3/4	2,353.57	3/4	2,741.81	3/4	3,129.95	3/4	3,518.10
1	35.42	1	421.01	1	809.00	1	1,196.78	1	1,585.08	1	1,973.37	1	2,361.66	1	2,749.90	1	3,138.04	1	3,526.18
1/4	42.84	1/4	429.10	1/4	817.07	1/4	1,204.87	1/4	1,593.16	1/4	1,981.46	1/4	2,369.75	1/4	2,757.99	1/4	3,146.13	1/4	3,534.27
1/2	50.25	1/2	437.18	1/2	825.14	1/2	1,212.96	1/2	1,601.25	1/2	1,989.55	1/2	2,377.84	1/2	2,766.07	1/2	3,154.21	1/2	3,542.36
3/4	57.67	3/4	445.27	3/4	833.20	3/4	1,221.05	3/4	1,609.34	3/4	1,997.63	3/4	2,385.93	3/4	2,774.16	3/4	3,162.30	3/4	3,550.44
2	65.08	2	453.35	2	841.27	2	1,229.14	2	1,617.43	2	2,005.72	2	2,394.02	2	2,782.24	2	3,170.39	2	3,558.53
1/4	73.17	1/4	461.44	1/4	849.34	1/4	1,237.23	1/4	1,625.52	1/4	2,013.81	1/4	2,402.10	1/4	2,790.33	1/4	3,178.47	1/4	3,566.61
1/2	81.26	1/2	469.52	1/2	857.40	1/2	1,245.32	1/2	1,633.61	1/2	2,021.90	1/2	2,410.19	1/2	2,798.42	1/2	3,186.56	1/2	3,574.70
3/4	89.35	3/4	477.61	3/4	865.47	3/4	1,253.41	3/4	1,641.70	3/4	2,029.99	3/4	2,418.28	3/4	2,806.50	3/4	3,194.65	3/4	3,582.79
3	97.44	3	485.69	3	873.54	3	1,261.50	3	1,649.79	3	2,038.08	3	2,426.37	3	2,814.59	3	3,202.73	3	3,590.87
1/4	105.53	1/4	493.78	1/4	881.61	1/4	1,269.59	1/4	1,657.88	1/4	2,046.17	1/4	2,434.46	1/4	2,822.68	1/4	3,210.82	1/4	3,598.96
1/2	113.62	1/2	501.87	1/2	889.67	1/2	1,277.68	1/2	1,665.97	1/2	2,054.26	1/2	2,442.55	1/2	2,830.76	1/2	3,218.90	1/2	3,607.05
3/4	121.71	3/4	509.96	3/4	897.74	3/4	1,285.77	3/4	1,674.06	3/4	2,062.35	3/4	2,450.64	3/4	2,838.85	3/4	3,226.99	3/4	3,615.13
4	129.80	4	518.04	4	905.81	4	1,293.86	4	1,682.15	4	2,070.44	4	2,458.73	4	2,846.93	4	3,235.08	4	3,623.22
1/4	137.89	1/4	526.13	1/4	913.88	1/4	1,301.95	1/4	1,690.24	1/4	2,078.53	1/4	2,466.82	1/4	2,855.02	1/4	3,243.16	1/4	3,631.31
1/2	145.98	1/2	534.22	1/2	921.94	1/2	1,310.04	1/2	1,698.33	1/2	2,086.62	1/2	2,474.91	1/2	2,863.11	1/2	3,251.25	1/2	3,639.40
3/4	154.07	3/4	542.31	3/4	930.01	3/4	1,318.12	3/4	1,706.42	3/4	2,094.71	3/4	2,483.00	3/4	2,871.19	3/4	3,259.34	3/4	3,647.48
5	162.16	5	550.40	5	938.08	5	1,326.21	5	1,714.51	5	2,102.80	5	2,491.09	5	2,879.28	5	3,267.42	5	3,655.57
1/4	170.24	1/4	558.49	1/4	946.15	1/4	1,334.30	1/4	1,722.59	1/4	2,110.89	1/4	2,499.18	1/4	2,887.37	1/4	3,275.51	1/4	3,663.66
1/2	178.33	1/2	566.58	1/2	954.21	1/2	1,342.39	1/2	1,730.68	1/2	2,118.98	1/2	2,507.27	1/2	2,895.45	1/2	3,283.59	1/2	3,671.75
3/4	186.42	3/4	574.67	3/4	962.28	3/4	1,350.48	3/4	1,738.77	3/4	2,127.06	3/4	2,515.36	3/4	2,903.54	3/4	3,291.68	3/4	3,679.83
6	194.51	6	582.76	6	970.35	6	1,358.57	6	1,746.86	6	2,135.15	6	2,523.45	6	2,911.62	6	3,299.77	6	3,687.92
1/4	202.60	1/4	590.85	1/4	978.43	1/4	1,366.66	1/4	1,754.95	1/4	2,143.24	1/4	2,531.53	1/4	2,919.71	1/4	3,307.85	1/4	3,696.00
1/2	210.69	1/2	598.94	1/2	986.50	1/2	1,374.75	1/2	1,763.04	1/2	2,151.33	1/2	2,539.62	1/2	2,927.80	1/2	3,315.94	1/2	3,704.09
3/4	218.78	3/4	607.03	3/4	994.58	3/4	1,382.84	3/4	1,771.13	3/4	2,159.42	3/4	2,547.71	3/4	2,935.88	3/4	3,324.03	3/4	3,712.18
7	226.87	7	615.12	7	1,002.65	7	1,390.93	7	1,779.22	7	2,167.51	7	2,555.80	7	2,943.97	7	3,332.11	7	3,720.26
1/4	234.96	1/4	623.21	1/4	1,010.74	1/4	1,399.02	1/4	1,787.31	1/4	2,175.60	1/4	2,563.90	1/4	2,952.06	1/4	3,340.20	1/4	3,728.35
1/2	243.05	1/2	631.30	1/2	1,018.82	1/2	1,407.11	1/2	1,795.40	1/2	2,183.69	1/2	2,571.99	1/2	2,960.14	1/2	3,348.28	1/2	3,736.44
3/4	251.14	3/4	639.38	3/4	1,026.91	3/4	1,415.20	3/4	1,803.49	3/4	2,191.78	3/4	2,580.08	3/4	2,968.23	3/4	3,356.37	3/4	3,744.52
8	259.23	8	647.47	8	1,035.00	8	1,423.29	8	1,811.58	8	2,199.87	8	2,588.17	8	2,976.32	8	3,364.46	8	3,752.61
1/4	267.32	1/4	655.56	1/4	1,043.09	1/4	1,431.38	1/4	1,819.67	1/4	2,207.96	1/4	2,596.26	1/4	2,984.40	1/4	3,372.54	1/4	3,760.69
1/2	275.41	1/2	663.65	1/2	1,051.17	1/2	1,439.47	1/2	1,827.76	1/2	2,216.05	1/2	2,604.35	1/2	2,992.49	1/2	3,380.63	1/2	3,768.78
3/4	283.50	3/4	671.74	3/4	1,059.26	3/4	1,447.56	3/4	1,835.85	3/4	2,224.14	3/4	2,612.43	3/4	3,000.57	3/4	3,388.72	3/4	3,776.87
9	291.59	9	679.83	9	1,067.35	9	1,455.64	9	1,843.94	9	2,232.23	9	2,620.52	9	3,008.66	9	3,396.80	9	3,784.95
1/4	299.68	1/4	687.92	1/4	1,075.44	1/4	1,463.73	1/4	1,852.03	1/4	2,240.32	1/4	2,628.60	1/4	3,016.75	1/4	3,404.89	1/4	3,793.04
1/2	307.77	1/2	696.00	1/2	1,083.53	1/2	1,471.82	1/2	1,860.11	1/2	2,248.41	1/2	2,636.69	1/2	3,024.83	1/2	3,412.98	1/2	3,801.12
3/4	315.86	3/4	704.09	3/4	1,091.62	3/4	1,479.91	3/4	1,868.20	3/4	2,256.50	3/4	2,644.78	3/4	3,032.92	3/4	3,421.06	3/4	3,809.21
10	323.95	10	712.18	10	1,099.71	10	1,488.00	10	1,876.29	10	2,264.58	10	2,652.86	10	3,041.01	10	3,429.15	10	3,817.30
1/4	332.03	1/4	720.25	1/4	1,107.80	1/4	1,496.09	1/4	1,884.38	1/4	2,272.67	1/4	2,660.95	1/4	3,049.09	1/4	3,437.23	1/4	3,825.38
1/2	340.12	1/2	728.33	1/2	1,115.89	1/2	1,504.18	1/2	1,892.47	1/2	2,280.76	1/2	2,669.04	1/2	3,057.18	1/2	3,445.32	1/2	3,833.47
3/4	348.21	3/4	736.40	3/4	1,123.98	3/4	1,512.27	3/4	1,900.56	3/4	2,288.85	3/4	2,677.12	3/4	3,065.26	3/4	3,453.41	3/4	3,841.56
11	356.30	11	744.48	11	1,132.07	11	1,520.36	11	1,908.65	11	2,296.94	11	2,685.21	11	3,073.35	11	3,461.49	11	3,849.64
1/4	364.39	1/4	752.54	1/4	1,140.16	1/4	1,528.45	1/4	1,916.74	1/4	2,305.03	1/4	2,693.29	1/4	3,081.44	1/4	3,469.58	1/4	3,857.73
1/2	372.48	1/2	760.61	1/2	1,148.25	1/2	1,536.54	1/2	1,924.83	1/2	2,313.12	1/2	2,701.38	1/2	3,089.52	1/2	3,477.67	1/2	3,865.81
3/4	380.57	3/4	768.68	3/4	1,156.34	3/4	1,544.63	3/4	1,932.92	3/4	2,321.21	3/4	2,709.47	3/4	3,097.61	3/4	3,485.75	3/4	3,873.90

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 50'-07" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,881.99	0	4,270.12	0	4,656.70	0	5,027.96	0	5,379.92	0		0		0		0		0	
1/4	3,890.07	1/4	4,278.21	1/4	4,664.62	1/4	5,035.46	1/4	5,387.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,898.16	1/2	4,286.30	1/2	4,672.54	1/2	5,042.96	1/2	5,394.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,906.25	3/4	4,294.38	3/4	4,680.45	3/4	5,050.46	3/4	5,402.02	3/4		3/4		3/4		3/4		3/4	
1	3,914.33	1	4,302.47	1	4,688.37	1	5,057.96	1	5,409.39	1		1		1		1		1	
1/4	3,922.42	1/4	4,310.56	1/4	4,696.26	1/4	5,065.44	1/4	5,417.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,930.50	1/2	4,318.64	1/2	4,704.14	1/2	5,072.91	1/2	5,425.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,938.59	3/4	4,326.73	3/4	4,712.03	3/4	5,080.38	3/4	5,432.82	3/4		3/4		3/4		3/4		3/4	
2	3,946.68	2	4,334.81	2	4,719.92	2	5,087.85	2	5,440.64	2		2		2		2		2	
1/4	3,954.76	1/4	4,342.90	1/4	4,727.77	1/4	5,095.29	1/4	5,448.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,962.85	1/2	4,350.99	1/2	4,735.63	1/2	5,102.73	1/2	5,456.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,970.93	3/4	4,359.07	3/4	4,743.48	3/4	5,110.17	3/4	5,464.75	3/4		3/4		3/4		3/4		3/4	
3	3,979.02	3	4,367.16	3	4,751.34	3	5,117.61	3	5,472.79	3		3		3		3		3	
1/4	3,987.11	1/4	4,375.24	1/4	4,759.16	1/4	5,125.02	1/4	5,480.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,995.19	1/2	4,383.33	1/2	4,766.99	1/2	5,132.43	1/2	5,488.67	1/2		1/2		1/2		1/2		1/2	
3/4	4,003.28	3/4	4,391.42	3/4	4,774.81	3/4	5,139.84	3/4	5,496.61	3/4		3/4		3/4		3/4		3/4	
4	4,011.37	4	4,399.50	4	4,782.64	4	5,147.25	4	5,504.55	4		4		4		4		4	
1/4	4,019.45	1/4	4,407.59	1/4	4,790.43	1/4	5,154.62	1/4	5,511.68	1/4		1/4		1/4		1/4		1/4	
1/2	4,027.54	1/2	4,415.68	1/2	4,798.23	1/2	5,162.00	1/2	5,518.81	1/2		1/2		1/2		1/2		1/2	
3/4	4,035.62	3/4	4,423.76	3/4	4,806.02	3/4	5,169.38	3/4	5,525.94	3/4		3/4		3/4		3/4		3/4	
5	4,043.71	5	4,431.85	5	4,813.82	5	5,176.76	5	5,533.07	5		5		5		5		5	
1/4	4,051.80	1/4	4,439.93	1/4	4,821.58	1/4	5,184.11	1/4	5,538.68	1/4		1/4		1/4		1/4		1/4	
1/2	4,059.88	1/2	4,448.02	1/2	4,829.34	1/2	5,191.46	1/2	5,544.29	1/2		1/2		1/2		1/2		1/2	
3/4	4,067.97	3/4	4,456.11	3/4	4,837.11	3/4	5,198.80	3/4	5,549.90	3/4		3/4		3/4		3/4		3/4	
6	4,076.06	6	4,464.19	6	4,844.87	6	5,206.15	6	5,555.52	6		6		6		6		6	
1/4	4,084.14	1/4	4,472.28	1/4	4,852.60	1/4	5,213.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,092.23	1/2	4,480.36	1/2	4,860.34	1/2	5,220.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,100.31	3/4	4,488.44	3/4	4,868.07	3/4	5,228.10	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,108.40	7	4,496.53	7	4,875.80	7	5,235.42	7		7		7		7		7		7	
1/4	4,116.49	1/4	4,504.59	1/4	4,883.51	1/4	5,242.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,124.57	1/2	4,512.66	1/2	4,891.21	1/2	5,249.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,132.66	3/4	4,520.73	3/4	4,898.91	3/4	5,257.28	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,140.75	8	4,528.80	8	4,906.61	8	5,264.56	8		8		8		8		8		8	
1/4	4,148.83	1/4	4,536.84	1/4	4,914.26	1/4	5,271.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,156.92	1/2	4,544.88	1/2	4,921.91	1/2	5,279.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,165.00	3/4	4,552.92	3/4	4,929.56	3/4	5,286.33	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,173.09	9	4,560.96	9	4,937.20	9	5,293.59	9		9		9		9		9		9	
1/4	4,181.18	1/4	4,568.97	1/4	4,944.80	1/4	5,300.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,189.26	1/2	4,576.97	1/2	4,952.39	1/2	5,308.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,197.35	3/4	4,584.98	3/4	4,959.99	3/4	5,315.26	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,205.43	10	4,592.99	10	4,967.58	10	5,322.49	10		10		10		10		10		10	
1/4	4,213.52	1/4	4,600.97	1/4	4,975.14	1/4	5,329.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,221.61	1/2	4,608.95	1/2	4,982.70	1/2	5,336.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,229.69	3/4	4,616.93	3/4	4,990.27	3/4	5,344.07	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,237.78	11	4,624.91	11	4,997.83	11	5,351.26	11		11		11		11		11		11	
1/4	4,245.87	1/4	4,632.86	1/4	5,005.36	1/4	5,358.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,253.95	1/2	4,640.80	1/2	5,012.89	1/2	5,365.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,262.04	3/4	4,648.75	3/4	5,020.43	3/4	5,372.75	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 28094"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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	13.83	0	388.14	0	771.42	0	1,143.91	0	1,524.96	0	1,912.73	0	2,300.51	0	2,688.23	0	3,075.86	0	3,463.48
1/4	19.22	1/4	396.22	1/4	779.17	1/4	1,151.69	1/4	1,533.04	1/4	1,920.81	1/4	2,308.58	1/4	2,696.31	1/4	3,083.93	1/4	3,471.56
1/2	24.60	1/2	404.29	1/2	786.92	1/2	1,159.46	1/2	1,541.12	1/2	1,928.89	1/2	2,316.66	1/2	2,704.38	1/2	3,092.01	1/2	3,479.63
3/4	29.99	3/4	412.37	3/4	794.67	3/4	1,167.23	3/4	1,549.20	3/4	1,936.97	3/4	2,324.74	3/4	2,712.46	3/4	3,100.08	3/4	3,487.71
1	35.37	1	420.45	1	802.42	1	1,175.00	1	1,557.27	1	1,945.05	1	2,332.82	1	2,720.53	1	3,108.16	1	3,495.78
1/4	42.78	1/4	428.52	1/4	810.17	1/4	1,182.78	1/4	1,565.35	1/4	1,953.13	1/4	2,340.90	1/4	2,728.61	1/4	3,116.23	1/4	3,503.86
1/2	50.18	1/2	436.60	1/2	817.92	1/2	1,190.55	1/2	1,573.43	1/2	1,961.20	1/2	2,348.98	1/2	2,736.69	1/2	3,124.31	1/2	3,511.93
3/4	57.59	3/4	444.67	3/4	825.67	3/4	1,198.32	3/4	1,581.51	3/4	1,969.28	3/4	2,357.06	3/4	2,744.76	3/4	3,132.39	3/4	3,520.01
2	64.99	2	452.74	2	833.42	2	1,206.10	2	1,589.59	2	1,977.36	2	2,365.13	2	2,752.84	2	3,140.46	2	3,528.08
1/4	73.07	1/4	460.82	1/4	841.17	1/4	1,213.87	1/4	1,597.67	1/4	1,985.44	1/4	2,373.21	1/4	2,760.91	1/4	3,148.54	1/4	3,536.16
1/2	81.15	1/2	468.89	1/2	848.92	1/2	1,221.64	1/2	1,605.75	1/2	1,993.52	1/2	2,381.29	1/2	2,768.99	1/2	3,156.61	1/2	3,544.24
3/4	89.23	3/4	476.97	3/4	856.67	3/4	1,229.41	3/4	1,613.82	3/4	2,001.60	3/4	2,389.37	3/4	2,777.06	3/4	3,164.69	3/4	3,552.31
3	97.31	3	485.04	3	864.42	3	1,237.19	3	1,621.90	3	2,009.68	3	2,397.45	3	2,785.14	3	3,172.76	3	3,560.39
1/4	105.39	1/4	493.12	1/4	872.17	1/4	1,244.96	1/4	1,629.98	1/4	2,017.75	1/4	2,405.53	1/4	2,793.21	1/4	3,180.84	1/4	3,568.46
1/2	113.47	1/2	501.20	1/2	879.92	1/2	1,252.73	1/2	1,638.06	1/2	2,025.83	1/2	2,413.61	1/2	2,801.29	1/2	3,188.91	1/2	3,576.54
3/4	121.54	3/4	509.27	3/4	887.67	3/4	1,260.51	3/4	1,646.14	3/4	2,033.91	3/4	2,421.68	3/4	2,809.37	3/4	3,196.99	3/4	3,584.61
4	129.62	4	517.35	4	895.42	4	1,268.28	4	1,654.22	4	2,041.99	4	2,429.76	4	2,817.44	4	3,205.06	4	3,592.69
1/4	137.70	1/4	525.43	1/4	903.17	1/4	1,276.05	1/4	1,662.30	1/4	2,050.07	1/4	2,437.84	1/4	2,825.52	1/4	3,213.14	1/4	3,600.77
1/2	145.78	1/2	533.51	1/2	910.93	1/2	1,283.82	1/2	1,670.37	1/2	2,058.15	1/2	2,445.92	1/2	2,833.59	1/2	3,221.22	1/2	3,608.84
3/4	153.86	3/4	541.59	3/4	918.68	3/4	1,291.60	3/4	1,678.45	3/4	2,066.23	3/4	2,454.00	3/4	2,841.67	3/4	3,229.29	3/4	3,616.92
5	161.94	5	549.66	5	926.43	5	1,299.37	5	1,686.53	5	2,074.30	5	2,462.08	5	2,849.74	5	3,237.37	5	3,625.00
1/4	170.02	1/4	557.74	1/4	934.18	1/4	1,307.30	1/4	1,694.61	1/4	2,082.38	1/4	2,470.16	1/4	2,857.82	1/4	3,245.44	1/4	3,633.07
1/2	178.09	1/2	565.82	1/2	941.93	1/2	1,315.22	1/2	1,702.69	1/2	2,090.46	1/2	2,478.23	1/2	2,865.89	1/2	3,253.52	1/2	3,641.15
3/4	186.17	3/4	573.90	3/4	949.68	3/4	1,323.15	3/4	1,710.77	3/4	2,098.54	3/4	2,486.31	3/4	2,873.97	3/4	3,261.59	3/4	3,649.22
6	194.25	6	581.98	6	957.43	6	1,331.07	6	1,718.85	6	2,106.62	6	2,494.39	6	2,882.04	6	3,269.67	6	3,657.30
1/4	202.33	1/4	590.06	1/4	965.19	1/4	1,339.15	1/4	1,726.92	1/4	2,114.70	1/4	2,502.47	1/4	2,890.12	1/4	3,277.74	1/4	3,665.37
1/2	210.41	1/2	598.14	1/2	972.95	1/2	1,347.23	1/2	1,735.00	1/2	2,122.78	1/2	2,510.55	1/2	2,898.20	1/2	3,285.82	1/2	3,673.45
3/4	218.49	3/4	606.21	3/4	980.71	3/4	1,355.31	3/4	1,743.08	3/4	2,130.85	3/4	2,518.63	3/4	2,906.27	3/4	3,293.90	3/4	3,681.53
7	226.57	7	614.29	7	988.47	7	1,363.39	7	1,751.16	7	2,138.93	7	2,526.71	7	2,914.35	7	3,301.97	7	3,689.60
1/4	234.64	1/4	622.37	1/4	996.24	1/4	1,371.47	1/4	1,759.24	1/4	2,147.01	1/4	2,534.79	1/4	2,922.42	1/4	3,310.05	1/4	3,697.68
1/2	242.72	1/2	630.45	1/2	1,004.01	1/2	1,379.54	1/2	1,767.32	1/2	2,155.09	1/2	2,542.87	1/2	2,930.50	1/2	3,318.12	1/2	3,705.75
3/4	250.80	3/4	638.53	3/4	1,011.78	3/4	1,387.62	3/4	1,775.40	3/4	2,163.17	3/4	2,550.95	3/4	2,938.57	3/4	3,326.20	3/4	3,713.83
8	258.88	8	646.61	8	1,019.55	8	1,395.70	8	1,783.47	8	2,171.25	8	2,559.03	8	2,946.65	8	3,334.27	8	3,721.90
1/4	266.96	1/4	654.53	1/4	1,027.32	1/4	1,403.78	1/4	1,791.55	1/4	2,179.33	1/4	2,567.10	1/4	2,954.72	1/4	3,342.35	1/4	3,729.98
1/2	275.04	1/2	662.46	1/2	1,035.09	1/2	1,411.86	1/2	1,799.63	1/2	2,187.40	1/2	2,575.18	1/2	2,962.80	1/2	3,350.42	1/2	3,738.05
3/4	283.12	3/4	670.39	3/4	1,042.86	3/4	1,419.94	3/4	1,807.71	3/4	2,195.48	3/4	2,583.25	3/4	2,970.88	3/4	3,358.50	3/4	3,746.13
9	291.19	9	678.31	9	1,050.64	9	1,428.02	9	1,815.79	9	2,203.56	9	2,591.33	9	2,978.95	9	3,366.57	9	3,754.20
1/4	299.27	1/4	686.08	1/4	1,058.41	1/4	1,436.10	1/4	1,823.87	1/4	2,211.64	1/4	2,599.40	1/4	2,987.03	1/4	3,374.65	1/4	3,762.28
1/2	307.35	1/2	693.85	1/2	1,066.18	1/2	1,444.17	1/2	1,831.95	1/2	2,219.72	1/2	2,607.48	1/2	2,995.10	1/2	3,382.73	1/2	3,770.35
3/4	315.43	3/4	701.62	3/4	1,073.96	3/4	1,452.25	3/4	1,840.03	3/4	2,227.80	3/4	2,615.55	3/4	3,003.18	3/4	3,390.80	3/4	3,778.43
10	323.51	10	709.39	10	1,081.73	10	1,460.33	10	1,848.10	10	2,235.88	10	2,623.63	10	3,011.25	10	3,398.88	10	3,786.51
1/4	331.59	1/4	717.15	1/4	1,089.50	1/4	1,468.41	1/4	1,856.18	1/4	2,243.96	1/4	2,631.70	1/4	3,019.33	1/4	3,406.95	1/4	3,794.58
1/2	339.67	1/2	724.91	1/2	1,097.27	1/2	1,476.49	1/2	1,864.26	1/2	2,252.03	1/2	2,639.78	1/2	3,027.40	1/2	3,415.03	1/2	3,802.66
3/4	347.74	3/4	732.67	3/4	1,105.05	3/4	1,484.57	3/4	1,872.34	3/4	2,260.11	3/4	2,647.86	3/4	3,035.48	3/4	3,423.10	3/4	3,810.73
11	355.82	11	740.42	11	1,112.82	11	1,492.65	11	1,880.42	11	2,268.19	11	2,655.93	11	3,043.55	11	3,431.18	11	3,818.81
1/4	363.90	1/4	748.17	1/4	1,120.59	1/4	1,500.72	1/4	1,888.50	1/4	2,276.27	1/4	2,664.01	1/4	3,051.63	1/4	3,439.25	1/4	3,826.88
1/2	371.98	1/2	755.92	1/2	1,128.37	1/2	1,508.80	1/2	1,896.58	1/2	2,284.35	1/2	2,672.08	1/2	3,059.71	1/2	3,447.33	1/2	3,834.96
3/4	380.06	3/4	763.67	3/4	1,136.14	3/4	1,516.88	3/4	1,904.65	3/4	2,292.43	3/4	2,680.16	3/4	3,067.78	3/4	3,455.41	3/4	3,843.03

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 50'-07" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,851.11	0	4,238.73	0	4,624.79	0	4,995.56	0	5,347.08	0		0		0		0		0	
1/4	3,859.18	1/4	4,246.80	1/4	4,632.69	1/4	5,003.06	1/4	5,354.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,867.26	1/2	4,254.88	1/2	4,640.60	1/2	5,010.55	1/2	5,361.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,875.34	3/4	4,262.95	3/4	4,648.51	3/4	5,018.04	3/4	5,369.16	3/4		3/4		3/4		3/4		3/4	
1	3,883.41	1	4,271.03	1	4,656.41	1	5,025.53	1	5,376.52	1		1		1		1		1	
1/4	3,891.49	1/4	4,279.11	1/4	4,664.29	1/4	5,032.99	1/4	5,384.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,899.56	1/2	4,287.18	1/2	4,672.17	1/2	5,040.45	1/2	5,392.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,907.64	3/4	4,295.26	3/4	4,680.04	3/4	5,047.92	3/4	5,399.92	3/4		3/4		3/4		3/4		3/4	
2	3,915.71	2	4,303.33	2	4,687.92	2	5,055.38	2	5,407.73	2		2		2		2		2	
1/4	3,923.79	1/4	4,311.41	1/4	4,695.77	1/4	5,062.81	1/4	5,415.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,931.86	1/2	4,319.48	1/2	4,703.61	1/2	5,070.24	1/2	5,423.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,939.94	3/4	4,327.56	3/4	4,711.46	3/4	5,077.67	3/4	5,431.81	3/4		3/4		3/4		3/4		3/4	
3	3,948.01	3	4,335.63	3	4,719.30	3	5,085.10	3	5,439.84	3		3		3		3		3	
1/4	3,956.09	1/4	4,343.71	1/4	4,727.12	1/4	5,092.50	1/4	5,447.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,964.16	1/2	4,351.78	1/2	4,734.93	1/2	5,099.90	1/2	5,455.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,972.24	3/4	4,359.86	3/4	4,742.75	3/4	5,107.30	3/4	5,463.62	3/4		3/4		3/4		3/4		3/4	
4	3,980.32	4	4,367.93	4	4,750.56	4	5,114.70	4	5,471.55	4		4		4		4		4	
1/4	3,988.39	1/4	4,376.01	1/4	4,758.35	1/4	5,122.07	1/4	5,478.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,996.47	1/2	4,384.09	1/2	4,766.13	1/2	5,129.44	1/2	5,485.79	1/2		1/2		1/2		1/2		1/2	
3/4	4,004.54	3/4	4,392.16	3/4	4,773.91	3/4	5,136.81	3/4	5,492.91	3/4		3/4		3/4		3/4		3/4	
5	4,012.62	5	4,400.24	5	4,781.70	5	5,144.18	5	5,500.03	5		5		5		5		5	
1/4	4,020.69	1/4	4,408.31	1/4	4,789.45	1/4	5,151.52	1/4	5,505.63	1/4		1/4		1/4		1/4		1/4	
1/2	4,028.77	1/2	4,416.39	1/2	4,797.21	1/2	5,158.85	1/2	5,511.24	1/2		1/2		1/2		1/2		1/2	
3/4	4,036.84	3/4	4,424.46	3/4	4,804.96	3/4	5,166.19	3/4	5,516.84	3/4		3/4		3/4		3/4		3/4	
6	4,044.92	6	4,432.54	6	4,812.71	6	5,173.53	6	5,522.45	6		6		6		6		6	
1/4	4,052.99	1/4	4,440.61	1/4	4,820.44	1/4	5,180.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,061.07	1/2	4,448.68	1/2	4,828.16	1/2	5,188.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,069.14	3/4	4,456.75	3/4	4,835.88	3/4	5,195.46	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,077.22	7	4,464.83	7	4,843.60	7	5,202.76	7		7		7		7		7		7	
1/4	4,085.30	1/4	4,472.88	1/4	4,851.30	1/4	5,210.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,093.37	1/2	4,480.94	1/2	4,858.99	1/2	5,217.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,101.45	3/4	4,489.00	3/4	4,866.68	3/4	5,224.60	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,109.52	8	4,497.05	8	4,874.37	8	5,231.87	8		8		8		8		8		8	
1/4	4,117.60	1/4	4,505.08	1/4	4,882.01	1/4	5,239.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,125.67	1/2	4,513.11	1/2	4,889.65	1/2	5,246.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,133.75	3/4	4,521.14	3/4	4,897.29	3/4	5,253.61	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,141.82	9	4,529.17	9	4,904.93	9	5,260.86	9		9		9		9		9		9	
1/4	4,149.90	1/4	4,537.17	1/4	4,912.51	1/4	5,268.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,157.97	1/2	4,545.17	1/2	4,920.09	1/2	5,275.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,166.05	3/4	4,553.17	3/4	4,927.68	3/4	5,282.51	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,174.12	10	4,561.16	10	4,935.26	10	5,289.72	10		10		10		10		10		10	
1/4	4,182.20	1/4	4,569.13	1/4	4,942.81	1/4	5,296.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,190.28	1/2	4,577.10	1/2	4,950.37	1/2	5,304.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,198.35	3/4	4,585.07	3/4	4,957.92	3/4	5,311.28	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,206.43	11	4,593.04	11	4,965.47	11	5,318.47	11		11		11		11		11		11	
1/4	4,214.50	1/4	4,600.97	1/4	4,973.00	1/4	5,325.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,222.58	1/2	4,608.91	1/2	4,980.52	1/2	5,332.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,230.65	3/4	4,616.85	3/4	4,988.04	3/4	5,339.93	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 28094"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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	12.85	0	360.09	0	716.88	0	1,069.32	0	1,428.88	0	1,788.43	0	2,147.47	0	2,506.90	0	2,866.16	0	3,225.42
1/4	17.85	1/4	367.59	1/4	724.15	1/4	1,076.81	1/4	1,436.37	1/4	1,795.92	1/4	2,154.95	1/4	2,514.39	1/4	2,873.65	1/4	3,232.90
1/2	22.85	1/2	375.08	1/2	731.43	1/2	1,084.30	1/2	1,443.86	1/2	1,803.41	1/2	2,162.43	1/2	2,521.87	1/2	2,881.13	1/2	3,240.39
3/4	27.84	3/4	382.57	3/4	738.70	3/4	1,091.79	3/4	1,451.35	3/4	1,810.90	3/4	2,169.91	3/4	2,529.36	3/4	2,888.61	3/4	3,247.87
1	32.84	1	390.06	1	745.98	1	1,099.29	1	1,458.84	1	1,818.39	1	2,177.38	1	2,536.84	1	2,896.10	1	3,255.35
1/4	39.71	1/4	397.55	1/4	753.25	1/4	1,106.78	1/4	1,466.34	1/4	1,825.88	1/4	2,184.86	1/4	2,544.33	1/4	2,903.58	1/4	3,262.84
1/2	46.58	1/2	405.04	1/2	760.53	1/2	1,114.27	1/2	1,473.83	1/2	1,833.37	1/2	2,192.34	1/2	2,551.81	1/2	2,911.07	1/2	3,270.32
3/4	53.45	3/4	412.53	3/4	767.81	3/4	1,121.76	3/4	1,481.32	3/4	1,840.87	3/4	2,199.82	3/4	2,559.30	3/4	2,918.55	3/4	3,277.81
2	60.32	2	420.02	2	775.08	2	1,129.25	2	1,488.81	2	1,848.36	2	2,207.29	2	2,566.78	2	2,926.04	2	3,285.29
1/4	67.81	1/4	427.51	1/4	782.36	1/4	1,136.74	1/4	1,496.30	1/4	1,855.84	1/4	2,214.78	1/4	2,574.27	1/4	2,933.52	1/4	3,292.78
1/2	75.31	1/2	435.00	1/2	789.64	1/2	1,144.23	1/2	1,503.79	1/2	1,863.32	1/2	2,222.27	1/2	2,581.75	1/2	2,941.01	1/2	3,300.26
3/4	82.80	3/4	442.49	3/4	796.91	3/4	1,151.72	3/4	1,511.28	3/4	1,870.81	3/4	2,229.75	3/4	2,589.23	3/4	2,948.49	3/4	3,307.75
3	90.30	3	449.98	3	804.19	3	1,159.21	3	1,518.77	3	1,878.29	3	2,237.24	3	2,596.72	3	2,955.97	3	3,315.23
1/4	97.79	1/4	457.47	1/4	811.47	1/4	1,166.71	1/4	1,526.26	1/4	1,885.77	1/4	2,244.73	1/4	2,604.20	1/4	2,963.46	1/4	3,322.72
1/2	105.28	1/2	464.97	1/2	818.75	1/2	1,174.20	1/2	1,533.75	1/2	1,893.24	1/2	2,252.23	1/2	2,611.69	1/2	2,970.94	1/2	3,330.20
3/4	112.78	3/4	472.46	3/4	826.02	3/4	1,181.69	3/4	1,541.24	3/4	1,900.72	3/4	2,259.72	3/4	2,619.17	3/4	2,978.43	3/4	3,337.68
4	120.27	4	479.95	4	833.30	4	1,189.18	4	1,548.73	4	1,908.20	4	2,267.21	4	2,626.66	4	2,985.91	4	3,345.17
1/4	127.77	1/4	487.45	1/4	840.58	1/4	1,196.67	1/4	1,556.22	1/4	1,915.68	1/4	2,274.71	1/4	2,634.14	1/4	2,993.40	1/4	3,352.60
1/2	135.26	1/2	494.94	1/2	847.86	1/2	1,204.16	1/2	1,563.71	1/2	1,923.15	1/2	2,282.20	1/2	2,641.63	1/2	3,000.88	1/2	3,360.03
3/4	142.76	3/4	502.44	3/4	855.14	3/4	1,211.65	3/4	1,571.20	3/4	1,930.63	3/4	2,289.69	3/4	2,649.11	3/4	3,008.37	3/4	3,367.46
5	150.25	5	509.93	5	862.41	5	1,219.14	5	1,578.69	5	1,938.11	5	2,297.19	5	2,656.59	5	3,015.85	5	3,374.89
1/4	157.75	1/4	517.42	1/4	869.69	1/4	1,226.63	1/4	1,586.19	1/4	1,945.58	1/4	2,304.68	1/4	2,664.08	1/4	3,023.34	1/4	3,382.26
1/2	165.24	1/2	524.92	1/2	876.97	1/2	1,234.13	1/2	1,593.68	1/2	1,953.06	1/2	2,312.18	1/2	2,671.56	1/2	3,030.82	1/2	3,389.64
3/4	172.73	3/4	532.41	3/4	884.25	3/4	1,241.62	3/4	1,601.17	3/4	1,960.54	3/4	2,319.67	3/4	2,679.05	3/4	3,038.30	3/4	3,397.01
6	180.23	6	539.91	6	891.52	6	1,249.11	6	1,608.66	6	1,968.02	6	2,327.16	6	2,686.53	6	3,045.79	6	3,404.39
1/4	187.72	1/4	547.40	1/4	898.81	1/4	1,256.60	1/4	1,616.15	1/4	1,975.49	1/4	2,334.66	1/4	2,694.02	1/4	3,053.27	1/4	3,411.76
1/2	195.22	1/2	554.90	1/2	906.09	1/2	1,264.09	1/2	1,623.64	1/2	1,982.97	1/2	2,342.15	1/2	2,701.50	1/2	3,060.76	1/2	3,419.14
3/4	202.71	3/4	562.39	3/4	913.38	3/4	1,271.58	3/4	1,631.13	3/4	1,990.45	3/4	2,349.65	3/4	2,708.99	3/4	3,068.24	3/4	3,426.51
7	210.21	7	569.89	7	920.66	7	1,279.07	7	1,638.62	7	1,997.93	7	2,357.14	7	2,716.47	7	3,075.73	7	3,433.88
1/4	217.70	1/4	577.38	1/4	927.96	1/4	1,286.56	1/4	1,646.11	1/4	2,005.40	1/4	2,364.63	1/4	2,723.96	1/4	3,083.21	1/4	3,441.26
1/2	225.19	1/2	584.87	1/2	935.25	1/2	1,294.05	1/2	1,653.60	1/2	2,012.88	1/2	2,372.12	1/2	2,731.44	1/2	3,090.70	1/2	3,448.63
3/4	232.69	3/4	592.37	3/4	942.55	3/4	1,301.54	3/4	1,661.09	3/4	2,020.36	3/4	2,379.62	3/4	2,738.92	3/4	3,098.18	3/4	3,456.01
8	240.18	8	599.86	8	949.85	8	1,309.03	8	1,668.58	8	2,027.84	8	2,387.11	8	2,746.41	8	3,105.66	8	3,463.38
1/4	247.68	1/4	607.26	1/4	957.24	1/4	1,316.52	1/4	1,676.07	1/4	2,035.31	1/4	2,394.60	1/4	2,753.89	1/4	3,113.15	1/4	3,470.75
1/2	255.17	1/2	614.66	1/2	964.64	1/2	1,324.01	1/2	1,683.56	1/2	2,042.79	1/2	2,402.09	1/2	2,761.38	1/2	3,120.63	1/2	3,478.13
3/4	262.67	3/4	622.05	3/4	972.03	3/4	1,331.50	3/4	1,691.05	3/4	2,050.27	3/4	2,409.58	3/4	2,768.86	3/4	3,128.12	3/4	3,485.50
9	270.16	9	629.45	9	979.43	9	1,339.00	9	1,698.54	9	2,057.75	9	2,417.08	9	2,776.35	9	3,135.60	9	3,492.88
1/4	277.66	1/4	636.74	1/4	986.92	1/4	1,346.49	1/4	1,706.03	1/4	2,065.22	1/4	2,424.56	1/4	2,783.83	1/4	3,143.09	1/4	3,500.25
1/2	285.15	1/2	644.04	1/2	994.41	1/2	1,353.98	1/2	1,713.53	1/2	2,072.70	1/2	2,432.05	1/2	2,791.32	1/2	3,150.57	1/2	3,507.62
3/4	292.64	3/4	651.34	3/4	1,001.90	3/4	1,361.47	3/4	1,721.02	3/4	2,080.18	3/4	2,439.54	3/4	2,798.80	3/4	3,158.06	3/4	3,515.00
10	300.14	10	658.63	10	1,009.39	10	1,368.96	10	1,728.51	10	2,087.66	10	2,447.03	10	2,806.28	10	3,165.54	10	3,522.37
1/4	307.63	1/4	665.92	1/4	1,016.88	1/4	1,376.45	1/4	1,736.00	1/4	2,095.13	1/4	2,454.51	1/4	2,813.77	1/4	3,173.03	1/4	3,529.80
1/2	315.13	1/2	673.20	1/2	1,024.37	1/2	1,383.94	1/2	1,743.49	1/2	2,102.61	1/2	2,462.00	1/2	2,821.25	1/2	3,180.51	1/2	3,537.23
3/4	322.62	3/4	680.49	3/4	1,031.87	3/4	1,391.43	3/4	1,750.98	3/4	2,110.09	3/4	2,469.48	3/4	2,828.74	3/4	3,187.99	3/4	3,544.66
11	330.12	11	687.77	11	1,039.36	11	1,398.92	11	1,758.47	11	2,117.56	11	2,476.97	11	2,836.22	11	3,195.48	11	3,552.09
1/4	337.61	1/4	695.05	1/4	1,046.85	1/4	1,406.41	1/4	1,765.96	1/4	2,125.04	1/4	2,484.45	1/4	2,843.71	1/4	3,202.96	1/4	3,559.09
1/2	345.11	1/2	702.33	1/2	1,054.34	1/2	1,413.90	1/2	1,773.45	1/2	2,132.52	1/2	2,491.94	1/2	2,851.19	1/2	3,210.45	1/2	3,566.09
3/4	352.60	3/4	709.60	3/4	1,061.83	3/4	1,421.39	3/4	1,780.94	3/4	2,140.00	3/4	2,499.42	3/4	2,858.68	3/4	3,217.93	3/4	3,573.09

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-08 1/4" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

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	3,580.09	0	3,848.13	0	4,112.77	0	4,363.36	0	4,595.80	0		0		0		0		0	
1/4	3,586.12	1/4	3,853.67	1/4	4,118.15	1/4	4,368.38	1/4	4,600.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,592.15	1/2	3,859.22	1/2	4,123.54	1/2	4,373.39	1/2	4,605.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,598.18	3/4	3,864.76	3/4	4,128.93	3/4	4,378.40	3/4	4,610.27	3/4		3/4		3/4		3/4		3/4	
1	3,604.21	1	3,870.30	1	4,134.31	1	4,383.41	1	4,615.09	1		1		1		1		1	
1/4	3,609.76	1/4	3,875.85	1/4	4,139.67	1/4	4,388.40	1/4	4,620.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,615.30	1/2	3,881.39	1/2	4,145.03	1/2	4,393.38	1/2	4,625.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.84	3/4	3,886.94	3/4	4,150.39	3/4	4,398.37	3/4	4,630.80	3/4		3/4		3/4		3/4		3/4	
2	3,626.39	2	3,892.48	2	4,155.75	2	4,403.35	2	4,636.03	2		2		2		2		2	
1/4	3,631.93	1/4	3,898.02	1/4	4,161.08	1/4	4,408.31	1/4	4,641.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.47	1/2	3,903.57	1/2	4,166.41	1/2	4,413.26	1/2	4,646.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,643.02	3/4	3,909.11	3/4	4,171.74	3/4	4,418.22	3/4	4,652.37	3/4		3/4		3/4		3/4		3/4	
3	3,648.56	3	3,914.65	3	4,177.07	3	4,423.17	3	4,657.82	3		3		3		3		3	
1/4	3,654.10	1/4	3,920.20	1/4	4,182.37	1/4	4,428.10	1/4	4,663.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,659.65	1/2	3,925.74	1/2	4,187.67	1/2	4,433.03	1/2	4,668.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.19	3/4	3,931.28	3/4	4,192.97	3/4	4,437.96	3/4	4,673.87	3/4		3/4		3/4		3/4		3/4	
4	3,670.74	4	3,936.83	4	4,198.27	4	4,442.88	4	4,679.22	4		4		4		4		4	
1/4	3,676.28	1/4	3,942.37	1/4	4,203.55	1/4	4,447.78	1/4	4,683.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,681.82	1/2	3,947.92	1/2	4,208.82	1/2	4,452.68	1/2	4,688.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,687.37	3/4	3,953.46	3/4	4,214.09	3/4	4,457.58	3/4	4,693.03	3/4		3/4		3/4		3/4		3/4	
5	3,692.91	5	3,959.00	5	4,219.37	5	4,462.48	5	4,697.63	5		5		5		5		5	
1/4	3,698.45	1/4	3,964.55	1/4	4,224.61	1/4	4,467.35	1/4	4,700.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,704.00	1/2	3,970.09	1/2	4,229.85	1/2	4,472.22	1/2	4,704.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,709.54	3/4	3,975.63	3/4	4,235.10	3/4	4,477.09	3/4	4,707.23	3/4		3/4		3/4		3/4		3/4	
6	3,715.08	6	3,981.18	6	4,240.34	6	4,481.96	6	4,710.42	6		6		6		6		6	
1/4	3,720.63	1/4	3,986.72	1/4	4,245.56	1/4	4,486.80	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,726.17	1/2	3,992.26	1/2	4,250.78	1/2	4,491.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,731.71	3/4	3,997.79	3/4	4,255.99	3/4	4,496.48	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,737.26	7	4,003.33	7	4,261.21	7	4,501.33	7		7		7		7		7		7	
1/4	3,742.80	1/4	4,008.86	1/4	4,266.40	1/4	4,506.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.35	1/2	4,014.39	1/2	4,271.58	1/2	4,510.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,753.89	3/4	4,019.91	3/4	4,276.77	3/4	4,515.77	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,759.43	8	4,025.44	8	4,281.96	8	4,520.58	8		8		8		8		8		8	
1/4	3,764.98	1/4	4,030.94	1/4	4,287.10	1/4	4,525.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,770.52	1/2	4,036.44	1/2	4,292.24	1/2	4,530.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.06	3/4	4,041.94	3/4	4,297.39	3/4	4,534.93	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,781.61	9	4,047.44	9	4,302.53	9	4,539.72	9		9		9		9		9		9	
1/4	3,787.15	1/4	4,052.91	1/4	4,307.63	1/4	4,544.44	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,792.69	1/2	4,058.39	1/2	4,312.73	1/2	4,549.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.24	3/4	4,063.86	3/4	4,317.82	3/4	4,553.89	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,803.78	10	4,069.33	10	4,322.92	10	4,558.61	10		10		10		10		10		10	
1/4	3,809.33	1/4	4,074.77	1/4	4,327.99	1/4	4,563.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,814.87	1/2	4,080.22	1/2	4,333.06	1/2	4,567.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,820.41	3/4	4,085.66	3/4	4,338.13	3/4	4,572.60	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,825.96	11	4,091.11	11	4,343.20	11	4,577.26	11		11		11		11		11		11	
1/4	3,831.50	1/4	4,096.52	1/4	4,348.24	1/4	4,581.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.04	1/2	4,101.94	1/2	4,353.28	1/2	4,586.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,842.59	3/4	4,107.35	3/4	4,358.32	3/4	4,591.16	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 28094"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

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	12.96	0	362.75	0	718.02	0	1,062.84	0	1,424.61	0	1,785.82	0	2,143.30	0	2,505.00	0	2,866.46	0	3,228.02
1/4	18.00	1/4	370.29	1/4	725.06	1/4	1,070.37	1/4	1,432.14	1/4	1,793.27	1/4	2,150.82	1/4	2,512.53	1/4	2,873.99	1/4	3,235.55
1/2	23.04	1/2	377.84	1/2	732.09	1/2	1,077.90	1/2	1,439.68	1/2	1,800.72	1/2	2,158.35	1/2	2,520.06	1/2	2,881.53	1/2	3,243.08
3/4	28.07	3/4	385.38	3/4	739.12	3/4	1,085.44	3/4	1,447.22	3/4	1,808.16	3/4	2,165.88	3/4	2,527.58	3/4	2,889.06	3/4	3,250.61
1	33.11	1	392.92	1	746.16	1	1,092.97	1	1,454.75	1	1,815.61	1	2,173.40	1	2,535.11	1	2,896.59	1	3,258.15
1/4	40.04	1/4	400.46	1/4	753.19	1/4	1,100.50	1/4	1,462.29	1/4	1,823.05	1/4	2,180.93	1/4	2,542.64	1/4	2,904.12	1/4	3,265.68
1/2	46.97	1/2	408.00	1/2	760.23	1/2	1,108.04	1/2	1,469.83	1/2	1,830.50	1/2	2,188.46	1/2	2,550.17	1/2	2,911.66	1/2	3,273.21
3/4	53.89	3/4	415.54	3/4	767.26	3/4	1,115.58	3/4	1,477.36	3/4	1,837.95	3/4	2,195.99	3/4	2,557.69	3/4	2,919.19	3/4	3,280.74
2	60.82	2	423.09	2	774.30	2	1,123.11	2	1,484.90	2	1,845.39	2	2,203.51	2	2,565.22	2	2,926.72	2	3,288.28
1/4	68.38	1/4	430.63	1/4	781.34	1/4	1,130.65	1/4	1,492.44	1/4	1,852.83	1/4	2,211.05	1/4	2,572.75	1/4	2,934.25	1/4	3,295.81
1/2	75.93	1/2	438.17	1/2	788.37	1/2	1,138.19	1/2	1,499.97	1/2	1,860.27	1/2	2,218.58	1/2	2,580.27	1/2	2,941.79	1/2	3,303.34
3/4	83.49	3/4	445.71	3/4	795.41	3/4	1,145.73	3/4	1,507.51	3/4	1,867.71	3/4	2,226.12	3/4	2,587.80	3/4	2,949.32	3/4	3,310.87
3	91.05	3	453.25	3	802.45	3	1,153.27	3	1,515.05	3	1,875.15	3	2,233.65	3	2,595.33	3	2,956.85	3	3,318.41
1/4	98.61	1/4	460.79	1/4	809.48	1/4	1,160.81	1/4	1,522.58	1/4	1,882.58	1/4	2,241.20	1/4	2,602.86	1/4	2,964.38	1/4	3,325.94
1/2	106.16	1/2	468.34	1/2	816.52	1/2	1,168.35	1/2	1,530.12	1/2	1,890.02	1/2	2,248.74	1/2	2,610.38	1/2	2,971.92	1/2	3,333.47
3/4	113.72	3/4	475.88	3/4	823.56	3/4	1,175.89	3/4	1,537.66	3/4	1,897.45	3/4	2,256.28	3/4	2,617.91	3/4	2,979.45	3/4	3,341.00
4	121.28	4	483.42	4	830.59	4	1,183.43	4	1,545.19	4	1,904.88	4	2,263.82	4	2,625.44	4	2,986.98	4	3,348.54
1/4	128.83	1/4	490.97	1/4	837.63	1/4	1,190.97	1/4	1,552.73	1/4	1,912.32	1/4	2,271.37	1/4	2,632.97	1/4	2,994.51	1/4	3,356.01
1/2	136.38	1/2	498.51	1/2	844.67	1/2	1,198.50	1/2	1,560.27	1/2	1,919.75	1/2	2,278.91	1/2	2,640.50	1/2	3,002.05	1/2	3,363.49
3/4	143.93	3/4	506.06	3/4	851.70	3/4	1,206.04	3/4	1,567.80	3/4	1,927.18	3/4	2,286.45	3/4	2,648.03	3/4	3,009.58	3/4	3,370.97
5	151.48	5	513.60	5	858.74	5	1,213.58	5	1,575.34	5	1,934.61	5	2,294.00	5	2,655.56	5	3,017.11	5	3,378.44
1/4	159.03	1/4	521.15	1/4	865.77	1/4	1,221.12	1/4	1,582.88	1/4	1,942.05	1/4	2,301.54	1/4	2,663.09	1/4	3,024.64	1/4	3,385.87
1/2	166.57	1/2	528.70	1/2	872.80	1/2	1,228.65	1/2	1,590.41	1/2	1,949.48	1/2	2,309.08	1/2	2,670.62	1/2	3,032.18	1/2	3,393.29
3/4	174.12	3/4	536.24	3/4	879.83	3/4	1,236.19	3/4	1,597.95	3/4	1,956.91	3/4	2,316.63	3/4	2,678.15	3/4	3,039.71	3/4	3,400.71
6	181.66	6	543.79	6	886.87	6	1,243.73	6	1,605.49	6	1,964.35	6	2,324.17	6	2,685.68	6	3,047.24	6	3,408.13
1/4	189.21	1/4	551.33	1/4	893.91	1/4	1,251.26	1/4	1,613.02	1/4	1,971.78	1/4	2,331.71	1/4	2,693.22	1/4	3,054.77	1/4	3,415.55
1/2	196.75	1/2	558.88	1/2	900.95	1/2	1,258.80	1/2	1,620.56	1/2	1,979.21	1/2	2,339.26	1/2	2,700.75	1/2	3,062.30	1/2	3,422.97
3/4	204.30	3/4	566.42	3/4	907.99	3/4	1,266.34	3/4	1,628.10	3/4	1,986.64	3/4	2,346.80	3/4	2,708.28	3/4	3,069.84	3/4	3,430.40
7	211.84	7	573.97	7	915.03	7	1,273.88	7	1,635.63	7	1,994.08	7	2,354.34	7	2,715.81	7	3,077.37	7	3,437.82
1/4	219.39	1/4	581.51	1/4	922.09	1/4	1,281.41	1/4	1,643.17	1/4	2,001.51	1/4	2,361.89	1/4	2,723.35	1/4	3,084.90	1/4	3,445.25
1/2	226.93	1/2	589.06	1/2	929.15	1/2	1,288.95	1/2	1,650.71	1/2	2,008.94	1/2	2,369.43	1/2	2,730.88	1/2	3,092.43	1/2	3,452.67
3/4	234.48	3/4	596.60	3/4	936.21	3/4	1,296.49	3/4	1,658.24	3/4	2,016.38	3/4	2,376.97	3/4	2,738.41	3/4	3,099.97	3/4	3,460.10
8	242.02	8	604.15	8	943.27	8	1,304.02	8	1,665.78	8	2,023.81	8	2,384.51	8	2,745.94	8	3,107.50	8	3,467.53
1/4	249.57	1/4	611.46	1/4	950.57	1/4	1,311.56	1/4	1,673.32	1/4	2,031.24	1/4	2,392.05	1/4	2,753.48	1/4	3,115.03	1/4	3,474.96
1/2	257.11	1/2	618.77	1/2	957.87	1/2	1,319.10	1/2	1,680.85	1/2	2,038.67	1/2	2,399.59	1/2	2,761.01	1/2	3,122.56	1/2	3,482.39
3/4	264.66	3/4	626.08	3/4	965.17	3/4	1,326.63	3/4	1,688.39	3/4	2,046.11	3/4	2,407.13	3/4	2,768.54	3/4	3,130.10	3/4	3,489.83
9	272.21	9	633.39	9	972.47	9	1,334.17	9	1,695.93	9	2,053.54	9	2,414.66	9	2,776.07	9	3,137.63	9	3,497.26
1/4	279.75	1/4	640.46	1/4	980.00	1/4	1,341.71	1/4	1,703.46	1/4	2,060.97	1/4	2,422.19	1/4	2,783.61	1/4	3,145.16	1/4	3,504.69
1/2	287.30	1/2	647.53	1/2	987.53	1/2	1,349.24	1/2	1,711.00	1/2	2,068.41	1/2	2,429.72	1/2	2,791.14	1/2	3,152.69	1/2	3,512.12
3/4	294.84	3/4	654.60	3/4	995.06	3/4	1,356.78	3/4	1,718.54	3/4	2,075.84	3/4	2,437.26	3/4	2,798.67	3/4	3,160.23	3/4	3,519.56
10	302.39	10	661.67	10	1,002.59	10	1,364.32	10	1,726.07	10	2,083.27	10	2,444.79	10	2,806.20	10	3,167.76	10	3,526.99
1/4	309.93	1/4	668.72	1/4	1,010.12	1/4	1,371.85	1/4	1,733.56	1/4	2,090.75	1/4	2,452.31	1/4	2,813.74	1/4	3,175.29	1/4	3,534.48
1/2	317.48	1/2	675.78	1/2	1,017.65	1/2	1,379.39	1/2	1,741.06	1/2	2,098.23	1/2	2,459.84	1/2	2,821.27	1/2	3,182.82	1/2	3,541.97
3/4	325.02	3/4	682.83	3/4	1,025.18	3/4	1,386.93	3/4	1,748.55	3/4	2,105.71	3/4	2,467.37	3/4	2,828.80	3/4	3,190.36	3/4	3,549.45
11	332.57	11	689.88	11	1,032.72	11	1,394.46	11	1,756.04	11	2,113.19	11	2,474.89	11	2,836.33	11	3,197.89	11	3,556.94
1/4	340.11	1/4	696.92	1/4	1,040.25	1/4	1,402.00	1/4	1,763.49	1/4	2,120.72	1/4	2,482.42	1/4	2,843.87	1/4	3,205.42	1/4	3,564.00
1/2	347.66	1/2	703.95	1/2	1,047.78	1/2	1,409.54	1/2	1,770.93	1/2	2,128.24	1/2	2,489.95	1/2	2,851.40	1/2	3,212.95	1/2	3,571.06
3/4	355.20	3/4	710.99	3/4	1,055.31	3/4	1,417.07	3/4	1,778.38	3/4	2,135.77	3/4	2,497.48	3/4	2,858.93	3/4	3,220.49	3/4	3,578.12

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-08 1/4" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

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	3,585.18	0	3,855.77	0	4,122.93	0	4,375.99	0	4,610.79	0		0		0		0		0	
1/4	3,591.27	1/4	3,861.36	1/4	4,128.37	1/4	4,381.05	1/4	4,615.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.35	1/2	3,866.96	1/2	4,133.81	1/2	4,386.11	1/2	4,620.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,603.44	3/4	3,872.55	3/4	4,139.25	3/4	4,391.17	3/4	4,625.40	3/4		3/4		3/4		3/4		3/4	
1	3,609.52	1	3,878.15	1	4,144.69	1	4,396.24	1	4,630.27	1		1		1		1		1	
1/4	3,615.12	1/4	3,883.75	1/4	4,150.10	1/4	4,401.27	1/4	4,635.56	1/4		1/4		1/4		1/4		1/4	
1/2	3,620.72	1/2	3,889.34	1/2	4,155.51	1/2	4,406.31	1/2	4,640.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,626.31	3/4	3,894.94	3/4	4,160.92	3/4	4,411.34	3/4	4,646.14	3/4		3/4		3/4		3/4		3/4	
2	3,631.91	2	3,900.54	2	4,166.33	2	4,416.37	2	4,651.42	2		2		2		2		2	
1/4	3,637.51	1/4	3,906.13	1/4	4,171.71	1/4	4,421.38	1/4	4,656.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,643.10	1/2	3,911.73	1/2	4,177.09	1/2	4,426.39	1/2	4,662.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,648.70	3/4	3,917.33	3/4	4,182.47	3/4	4,431.39	3/4	4,667.92	3/4		3/4		3/4		3/4		3/4	
3	3,654.29	3	3,922.92	3	4,187.85	3	4,436.40	3	4,673.41	3		3		3		3		3	
1/4	3,659.89	1/4	3,928.52	1/4	4,193.21	1/4	4,441.37	1/4	4,678.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.49	1/2	3,934.11	1/2	4,198.56	1/2	4,446.35	1/2	4,684.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.08	3/4	3,939.71	3/4	4,203.91	3/4	4,451.33	3/4	4,689.63	3/4		3/4		3/4		3/4		3/4	
4	3,676.68	4	3,945.31	4	4,209.27	4	4,456.30	4	4,695.03	4		4		4		4		4	
1/4	3,682.28	1/4	3,950.90	1/4	4,214.59	1/4	4,461.25	1/4	4,699.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,687.87	1/2	3,956.50	1/2	4,219.92	1/2	4,466.20	1/2	4,704.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,693.47	3/4	3,962.10	3/4	4,225.24	3/4	4,471.15	3/4	4,708.97	3/4		3/4		3/4		3/4		3/4	
5	3,699.07	5	3,967.69	5	4,230.56	5	4,476.10	5	4,713.62	5		5		5		5		5	
1/4	3,704.66	1/4	3,973.29	1/4	4,235.86	1/4	4,481.02	1/4	4,716.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,710.26	1/2	3,978.89	1/2	4,241.16	1/2	4,485.94	1/2	4,720.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,715.86	3/4	3,984.48	3/4	4,246.45	3/4	4,490.86	3/4	4,723.31	3/4		3/4		3/4		3/4		3/4	
6	3,721.45	6	3,990.08	6	4,251.75	6	4,495.78	6	4,726.54	6		6		6		6		6	
1/4	3,727.05	1/4	3,995.67	1/4	4,257.01	1/4	4,500.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,732.64	1/2	4,001.26	1/2	4,262.28	1/2	4,505.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.24	3/4	4,006.86	3/4	4,267.55	3/4	4,510.45	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,743.84	7	4,012.45	7	4,272.82	7	4,515.34	7		7		7		7		7		7	
1/4	3,749.43	1/4	4,018.03	1/4	4,278.06	1/4	4,520.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,755.03	1/2	4,023.61	1/2	4,283.29	1/2	4,525.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.63	3/4	4,029.18	3/4	4,288.53	3/4	4,529.93	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,766.22	8	4,034.76	8	4,293.77	8	4,534.79	8		8		8		8		8		8	
1/4	3,771.82	1/4	4,040.32	1/4	4,298.96	1/4	4,539.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,777.42	1/2	4,045.87	1/2	4,304.16	1/2	4,544.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,783.01	3/4	4,051.42	3/4	4,309.35	3/4	4,549.29	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,788.61	9	4,056.98	9	4,314.54	9	4,554.12	9		9		9		9		9		9	
1/4	3,794.20	1/4	4,062.50	1/4	4,319.69	1/4	4,558.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.80	1/2	4,068.03	1/2	4,324.84	1/2	4,563.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.40	3/4	4,073.55	3/4	4,329.99	3/4	4,568.44	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,810.99	10	4,079.08	10	4,335.14	10	4,573.21	10		10		10		10		10		10	
1/4	3,816.59	1/4	4,084.57	1/4	4,340.26	1/4	4,577.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,822.19	1/2	4,090.07	1/2	4,345.38	1/2	4,582.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,827.78	3/4	4,095.56	3/4	4,350.50	3/4	4,587.35	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,833.38	11	4,101.06	11	4,355.62	11	4,592.06	11		11		11		11		11		11	
1/4	3,838.98	1/4	4,106.53	1/4	4,360.71	1/4	4,596.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,844.57	1/2	4,112.00	1/2	4,365.80	1/2	4,601.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.17	3/4	4,117.46	3/4	4,370.89	3/4	4,606.10	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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



BARGE "KIRBY 28094"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

May 28, 2024

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 28094"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

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		0	4,464.93	0	4,163.30	0	3,845.39	0	3,514.15	0	3,181.42	0	2,848.69	0	2,515.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,458.62	1/4	4,156.87	1/4	3,838.60	1/4	3,507.22	1/4	3,174.49	1/4	2,841.76	1/4	2,509.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,452.47	1/2	4,150.41	1/2	3,831.79	1/2	3,500.28	1/2	3,167.56	1/2	2,834.82	1/2	2,502.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,446.33	3/4	4,143.95	3/4	3,824.97	3/4	3,493.35	3/4	3,160.63	3/4	2,827.89	3/4	2,495.16
1		1		1		1	4,440.19	1	4,137.50	1	3,818.16	1	3,486.42	1	3,153.69	1	2,820.96	1	2,488.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,434.05	1/4	4,131.04	1/4	3,811.35	1/4	3,479.49	1/4	3,146.76	1/4	2,814.03	1/4	2,481.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,427.88	1/2	4,124.56	1/2	3,804.51	1/2	3,472.56	1/2	3,139.83	1/2	2,807.10	1/2	2,474.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,421.71	3/4	4,118.07	3/4	3,797.67	3/4	3,465.63	3/4	3,132.90	3/4	2,800.17	3/4	2,467.43
2		2		2		2	4,415.55	2	4,111.59	2	3,790.83	2	3,458.69	2	3,125.97	2	2,793.23	2	2,460.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,409.38	1/4	4,105.10	1/4	3,783.99	1/4	3,451.76	1/4	3,119.04	1/4	2,786.30	1/4	2,453.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,403.18	1/2	4,098.59	1/2	3,777.12	1/2	3,444.83	1/2	3,112.10	1/2	2,779.37	1/2	2,446.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,396.99	3/4	4,092.08	3/4	3,770.26	3/4	3,437.90	3/4	3,105.17	3/4	2,772.44	3/4	2,439.71
3		3		3		3	4,390.80	3	4,085.57	3	3,763.39	3	3,430.97	3	3,098.24	3	2,765.51	3	2,432.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,384.60	1/4	4,079.06	1/4	3,756.53	1/4	3,424.03	1/4	3,091.31	1/4	2,758.57	1/4	2,425.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,378.38	1/2	4,072.51	1/2	3,749.63	1/2	3,417.10	1/2	3,084.38	1/2	2,751.64	1/2	2,418.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,372.16	3/4	4,065.95	3/4	3,742.74	3/4	3,410.17	3/4	3,077.44	3/4	2,744.71	3/4	2,411.98
4		4		4		4	4,365.94	4	4,059.39	4	3,735.85	4	3,403.24	4	3,070.51	4	2,737.78	4	2,405.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,359.72	1/4	4,052.84	1/4	3,728.96	1/4	3,396.31	1/4	3,063.58	1/4	2,730.85	1/4	2,398.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,353.47	1/2	4,046.24	1/2	3,722.04	1/2	3,389.38	1/2	3,056.65	1/2	2,723.91	1/2	2,391.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,347.22	3/4	4,039.63	3/4	3,715.13	3/4	3,382.44	3/4	3,049.72	3/4	2,716.98	3/4	2,384.25
5		5		5		5	4,340.98	5	4,033.03	5	3,708.21	5	3,375.51	5	3,042.79	5	2,710.05	5	2,377.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,334.73	1/4	4,026.43	1/4	3,701.29	1/4	3,368.58	1/4	3,035.85	1/4	2,703.12	1/4	2,370.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,328.46	1/2	4,019.80	1/2	3,694.37	1/2	3,361.65	1/2	3,028.92	1/2	2,696.19	1/2	2,363.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,322.18	3/4	4,013.17	3/4	3,687.44	3/4	3,354.72	3/4	3,021.99	3/4	2,689.25	3/4	2,356.52
6		6		6		6	4,315.91	6	4,006.54	6	3,680.51	6	3,347.78	6	3,015.06	6	2,682.32	6	2,349.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,609.15	1/4	4,309.64	1/4	3,999.91	1/4	3,673.58	1/4	3,340.85	1/4	3,008.13	1/4	2,675.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,604.34	1/2	4,303.34	1/2	3,993.26	1/2	3,666.65	1/2	3,333.92	1/2	3,001.19	1/2	2,668.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,599.53	3/4	4,297.04	3/4	3,986.60	3/4	3,659.72	3/4	3,326.99	3/4	2,994.26	3/4	2,661.53
7		7		7		7	4,594.72	7	4,290.74	7	3,979.94	7	3,652.78	7	3,320.06	7	2,987.33	7	2,654.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,589.90	1/4	4,284.44	1/4	3,973.29	1/4	3,645.85	1/4	3,313.13	1/4	2,980.40	1/4	2,647.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,583.79	1/2	4,278.11	1/2	3,966.61	1/2	3,638.92	1/2	3,306.19	1/2	2,973.47	1/2	2,640.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,577.68	3/4	4,271.79	3/4	3,959.93	3/4	3,631.99	3/4	3,299.26	3/4	2,966.53	3/4	2,633.80
8		8		8		8	4,571.57	8	4,265.46	8	3,953.24	8	3,625.06	8	3,292.33	8	2,959.60	8	2,626.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,565.46	1/4	4,259.14	1/4	3,946.56	1/4	3,618.12	1/4	3,285.40	1/4	2,952.67	1/4	2,619.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,558.65	1/2	4,252.78	1/2	3,939.85	1/2	3,611.19	1/2	3,278.47	1/2	2,945.73	1/2	2,613.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,551.85	3/4	4,246.43	3/4	3,933.15	3/4	3,604.26	3/4	3,271.53	3/4	2,938.80	3/4	2,606.07
9		9		9		9	4,545.04	9	4,240.08	9	3,926.44	9	3,597.33	9	3,264.60	9	2,931.87	9	2,599.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,538.24	1/4	4,233.73	1/4	3,919.73	1/4	3,590.40	1/4	3,257.67	1/4	2,924.94	1/4	2,592.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,531.35	1/2	4,227.35	1/2	3,913.00	1/2	3,583.47	1/2	3,250.74	1/2	2,918.01	1/2	2,585.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,524.45	3/4	4,220.97	3/4	3,906.26	3/4	3,576.53	3/4	3,243.81	3/4	2,911.08	3/4	2,578.34
10		10		10		10	4,517.56	10	4,214.59	10	3,899.53	10	3,569.60	10	3,236.88	10	2,904.14	10	2,571.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,510.67	1/4	4,208.21	1/4	3,892.79	1/4	3,562.67	1/4	3,229.94	1/4	2,897.21	1/4	2,564.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,503.97	1/2	4,201.81	1/2	3,886.03	1/2	3,555.74	1/2	3,223.01	1/2	2,890.28	1/2	2,557.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,497.28	3/4	4,195.40	3/4	3,879.27	3/4	3,548.81	3/4	3,216.08	3/4	2,883.35	3/4	2,550.62
11		11		11		11	4,490.58	11	4,189.00	11	3,872.51	11	3,541.88	11	3,209.15	11	2,876.42	11	2,543.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,483.88	1/4	4,182.59	1/4	3,865.75	1/4	3,534.94	1/4	3,202.22	1/4	2,869.48	1/4	2,536.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,477.56	1/2	4,176.16	1/2	3,858.96	1/2	3,528.01	1/2	3,195.29	1/2	2,862.55	1/2	2,529.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,471.25	3/4	4,169.73	3/4	3,852.18	3/4	3,521.08	3/4	3,188.35	3/4	2,855.62	3/4	2,522.89

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06 1/4" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,183.23	0	1,850.42	0	1,517.56	0	1,184.70	0	856.65	0	550.50	0	266.78	0	13.55	0		0	
1/4	2,176.29	1/4	1,843.49	1/4	1,510.63	1/4	1,177.77	1/4	850.01	1/4	544.36	1/4	261.09	1/4	10.20	1/4		1/4	
1/2	2,169.36	1/2	1,836.55	1/2	1,503.69	1/2	1,170.83	1/2	843.42	1/2	538.26	1/2	255.44	1/2		1/2		1/2	
3/4	2,162.43	3/4	1,829.62	3/4	1,496.76	3/4	1,163.90	3/4	836.82	3/4	532.16	3/4	249.80	3/4		3/4		3/4	
1	2,155.50	1	1,822.69	1	1,489.82	1	1,156.96	1	830.22	1	526.06	1	244.15	1		1		1	
1/4	2,148.57	1/4	1,815.75	1/4	1,482.89	1/4	1,150.03	1/4	823.62	1/4	519.96	1/4	238.50	1/4		1/4		1/4	
1/2	2,141.63	1/2	1,808.82	1/2	1,475.96	1/2	1,143.09	1/2	817.06	1/2	513.89	1/2	232.89	1/2		1/2		1/2	
3/4	2,134.70	3/4	1,801.88	3/4	1,469.02	3/4	1,136.16	3/4	810.50	3/4	507.82	3/4	227.28	3/4		3/4		3/4	
2	2,127.77	2	1,794.95	2	1,462.09	2	1,129.23	2	803.94	2	501.75	2	221.67	2		2		2	
1/4	2,120.84	1/4	1,788.01	1/4	1,455.15	1/4	1,122.29	1/4	797.39	1/4	495.68	1/4	216.06	1/4		1/4		1/4	
1/2	2,113.91	1/2	1,781.08	1/2	1,448.22	1/2	1,115.36	1/2	790.87	1/2	489.64	1/2	210.49	1/2		1/2		1/2	
3/4	2,106.98	3/4	1,774.14	3/4	1,441.28	3/4	1,108.42	3/4	784.35	3/4	483.60	3/4	204.92	3/4		3/4		3/4	
3	2,100.04	3	1,767.21	3	1,434.35	3	1,101.49	3	777.83	3	477.56	3	199.35	3		3		3	
1/4	2,093.11	1/4	1,760.27	1/4	1,427.41	1/4	1,094.55	1/4	771.31	1/4	471.52	1/4	193.78	1/4		1/4		1/4	
1/2	2,086.18	1/2	1,753.34	1/2	1,420.48	1/2	1,087.62	1/2	764.83	1/2	465.51	1/2	188.25	1/2		1/2		1/2	
3/4	2,079.25	3/4	1,746.40	3/4	1,413.54	3/4	1,080.69	3/4	758.35	3/4	459.51	3/4	182.72	3/4		3/4		3/4	
4	2,072.32	4	1,739.47	4	1,406.61	4	1,073.76	4	751.87	4	453.50	4	177.19	4		4		4	
1/4	2,065.38	1/4	1,732.54	1/4	1,399.67	1/4	1,066.83	1/4	745.39	1/4	447.50	1/4	171.66	1/4		1/4		1/4	
1/2	2,058.45	1/2	1,725.60	1/2	1,392.74	1/2	1,059.92	1/2	738.95	1/2	441.53	1/2	166.17	1/2		1/2		1/2	
3/4	2,051.52	3/4	1,718.67	3/4	1,385.81	3/4	1,053.01	3/4	732.52	3/4	435.57	3/4	160.68	3/4		3/4		3/4	
5	2,044.59	5	1,711.73	5	1,378.87	5	1,046.11	5	726.08	5	429.60	5	155.19	5		5		5	
1/4	2,037.66	1/4	1,704.80	1/4	1,371.94	1/4	1,039.20	1/4	719.64	1/4	423.64	1/4	149.70	1/4		1/4		1/4	
1/2	2,030.72	1/2	1,697.86	1/2	1,365.00	1/2	1,032.32	1/2	713.26	1/2	417.71	1/2	144.25	1/2		1/2		1/2	
3/4	2,023.79	3/4	1,690.93	3/4	1,358.07	3/4	1,025.44	3/4	706.87	3/4	411.78	3/4	138.80	3/4		3/4		3/4	
6	2,016.85	6	1,683.99	6	1,351.13	6	1,018.57	6	700.49	6	405.86	6	133.35	6		6		6	
1/4	2,009.92	1/4	1,677.06	1/4	1,344.20	1/4	1,011.69	1/4	694.10	1/4	399.93	1/4	127.90	1/4		1/4		1/4	
1/2	2,002.99	1/2	1,670.12	1/2	1,337.26	1/2	1,004.86	1/2	687.76	1/2	394.05	1/2	122.49	1/2		1/2		1/2	
3/4	1,996.05	3/4	1,663.19	3/4	1,330.33	3/4	998.02	3/4	681.42	3/4	388.16	3/4	117.08	3/4		3/4		3/4	
7	1,989.12	7	1,656.26	7	1,323.39	7	991.19	7	675.08	7	382.28	7	111.67	7		7		7	
1/4	1,982.18	1/4	1,649.32	1/4	1,316.46	1/4	984.35	1/4	668.74	1/4	376.39	1/4	106.26	1/4		1/4		1/4	
1/2	1,975.25	1/2	1,642.39	1/2	1,309.53	1/2	977.56	1/2	662.45	1/2	370.54	1/2	100.88	1/2		1/2		1/2	
3/4	1,968.31	3/4	1,635.45	3/4	1,302.59	3/4	970.76	3/4	656.15	3/4	364.70	3/4	95.51	3/4		3/4		3/4	
8	1,961.38	8	1,628.52	8	1,295.66	8	963.96	8	649.85	8	358.85	8	90.14	8		8		8	
1/4	1,954.44	1/4	1,621.58	1/4	1,288.72	1/4	957.17	1/4	643.55	1/4	353.00	1/4	84.77	1/4		1/4		1/4	
1/2	1,947.51	1/2	1,614.65	1/2	1,281.79	1/2	950.41	1/2	637.29	1/2	347.20	1/2	79.44	1/2		1/2		1/2	
3/4	1,940.57	3/4	1,607.71	3/4	1,274.85	3/4	943.65	3/4	631.03	3/4	341.39	3/4	74.11	3/4		3/4		3/4	
9	1,933.64	9	1,600.78	9	1,267.92	9	936.90	9	624.77	9	335.59	9	68.77	9		9		9	
1/4	1,926.70	1/4	1,593.84	1/4	1,260.98	1/4	930.14	1/4	618.51	1/4	329.78	1/4	63.44	1/4		1/4		1/4	
1/2	1,919.77	1/2	1,586.91	1/2	1,254.05	1/2	923.42	1/2	612.29	1/2	324.02	1/2	58.15	1/2		1/2		1/2	
3/4	1,912.84	3/4	1,579.97	3/4	1,247.11	3/4	916.71	3/4	606.07	3/4	318.26	3/4	52.86	3/4		3/4		3/4	
10	1,905.90	10	1,573.04	10	1,240.18	10	909.99	10	599.85	10	312.49	10	47.56	10		10		10	
1/4	1,898.97	1/4	1,566.11	1/4	1,233.24	1/4	903.27	1/4	593.63	1/4	306.73	1/4	42.27	1/4		1/4		1/4	
1/2	1,892.03	1/2	1,559.17	1/2	1,226.31	1/2	896.60	1/2	587.45	1/2	301.01	1/2	37.60	1/2		1/2		1/2	
3/4	1,885.10	3/4	1,552.24	3/4	1,219.38	3/4	889.92	3/4	581.27	3/4	295.29	3/4	32.92	3/4		3/4		3/4	
11	1,878.16	11	1,545.30	11	1,212.44	11	883.24	11	575.09	11	289.56	11	28.25	11		11		11	
1/4	1,871.23	1/4	1,538.37	1/4	1,205.51	1/4	876.56	1/4	568.91	1/4	283.84	1/4	23.57	1/4		1/4		1/4	
1/2	1,864.29	1/2	1,531.43	1/2	1,198.57	1/2	869.93	1/2	562.77	1/2	278.15	1/2	20.23	1/2		1/2		1/2	
3/4	1,857.36	3/4	1,524.50	3/4	1,191.64	3/4	863.29	3/4	556.63	3/4	272.47	3/4	16.89	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 28094"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

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		0	4,450.46	0	4,151.52	0	3,837.78	0	3,510.02	0	3,180.18	0	2,850.34	0	2,520.49		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,443.82	1/4	4,145.17	1/4	3,831.08	1/4	3,503.15	1/4	3,173.31	1/4	2,843.47	1/4	2,513.62		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,437.56	1/2	4,138.79	1/2	3,824.35	1/2	3,496.28	1/2	3,166.44	1/2	2,836.60	1/2	2,506.75		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,431.30	3/4	4,132.42	3/4	3,817.63	3/4	3,489.41	3/4	3,159.57	3/4	2,829.72	3/4	2,499.88		
1	1	1	1	1	1	1	4,425.04	1	4,126.04	1	3,810.90	1	3,482.54	1	3,152.69	1	2,822.85	1	2,493.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,418.77	1/4	4,119.67	1/4	3,804.17	1/4	3,475.66	1/4	3,145.82	1/4	2,815.98	1/4	2,486.13		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,412.69	1/2	4,113.27	1/2	3,797.42	1/2	3,468.79	1/2	3,138.95	1/2	2,809.11	1/2	2,479.26		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,406.60	3/4	4,106.86	3/4	3,790.66	3/4	3,461.92	3/4	3,132.08	3/4	2,802.24	3/4	2,472.39		
2	2	2	2	2	2	2	4,400.51	2	4,100.46	2	3,783.91	2	3,455.05	2	3,125.21	2	2,795.37	2	2,465.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,394.42	1/4	4,094.06	1/4	3,777.15	1/4	3,448.18	1/4	3,118.34	1/4	2,788.49	1/4	2,458.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,388.31	1/2	4,087.64	1/2	3,770.37	1/2	3,441.31	1/2	3,111.46	1/2	2,781.62	1/2	2,451.78		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,382.20	3/4	4,081.21	3/4	3,763.59	3/4	3,434.43	3/4	3,104.59	3/4	2,774.75	3/4	2,444.90		
3	3	3	3	3	3	3	4,376.08	3	4,074.78	3	3,756.81	3	3,427.56	3	3,097.72	3	2,767.88	3	2,438.03		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,369.97	1/4	4,068.35	1/4	3,750.03	1/4	3,420.69	1/4	3,090.85	1/4	2,761.01	1/4	2,431.16		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,363.83	1/2	4,061.90	1/2	3,743.23	1/2	3,413.82	1/2	3,083.98	1/2	2,754.13	1/2	2,424.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,357.69	3/4	4,055.45	3/4	3,736.42	3/4	3,406.95	3/4	3,077.11	3/4	2,747.26	3/4	2,417.42		
4	4	4	4	4	4	4	4,351.55	4	4,048.99	4	3,729.61	4	3,400.08	4	3,070.23	4	2,740.39	4	2,410.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,345.41	1/4	4,042.54	1/4	3,722.81	1/4	3,393.20	1/4	3,063.36	1/4	2,733.52	1/4	2,403.67		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,339.24	1/2	4,036.04	1/2	3,715.97	1/2	3,386.33	1/2	3,056.49	1/2	2,726.65	1/2	2,396.80		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,333.08	3/4	4,029.54	3/4	3,709.14	3/4	3,379.46	3/4	3,049.62	3/4	2,719.78	3/4	2,389.93		
5	5	5	5	5	5	5	4,326.91	5	4,023.04	5	3,702.31	5	3,372.59	5	3,042.75	5	2,712.90	5	2,383.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,320.74	1/4	4,016.54	1/4	3,695.48	1/4	3,365.72	1/4	3,035.88	1/4	2,706.03	1/4	2,376.19		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,314.55	1/2	4,010.00	1/2	3,688.62	1/2	3,358.85	1/2	3,029.00	1/2	2,699.16	1/2	2,369.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,308.36	3/4	4,003.45	3/4	3,681.77	3/4	3,351.97	3/4	3,022.13	3/4	2,692.29	3/4	2,362.44		
6	6	6	6	6	6	6	4,302.17	6	3,996.91	6	3,674.91	6	3,345.10	6	3,015.26	6	2,685.42	6	2,355.57		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,295.97	1/4	3,990.36	1/4	3,668.06	1/4	3,338.23	1/4	3,008.39	1/4	2,678.55	1/4	2,348.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,289.76	1/2	3,983.79	1/2	3,661.19	1/2	3,331.36	1/2	3,001.52	1/2	2,671.67	1/2	2,341.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,283.54	3/4	3,977.22	3/4	3,654.32	3/4	3,324.49	3/4	2,994.65	3/4	2,664.80	3/4	2,334.96		
7	7	7	7	7	7	7	4,277.32	7	3,970.65	7	3,647.45	7	3,317.62	7	2,987.77	7	2,657.93	7	2,328.08		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,568.00	1/4	4,271.10	1/4	3,964.08	1/4	3,640.59	1/4	3,310.74	1/4	2,980.90	1/4	2,651.06	1/4	2,321.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,563.23	1/2	4,264.86	1/2	3,957.48	1/2	3,633.71	1/2	3,303.87	1/2	2,974.03	1/2	2,644.19	1/2	2,314.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,558.46	3/4	4,258.61	3/4	3,950.88	3/4	3,626.84	3/4	3,297.00	3/4	2,967.16	3/4	2,637.31	3/4	2,307.47
8	8	8	8	8	8	8	4,553.69	8	4,252.37	8	3,944.28	8	3,619.97	8	3,290.13	8	2,960.29	8	2,630.44	8	2,300.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,548.92	1/4	4,246.12	1/4	3,937.69	1/4	3,613.10	1/4	3,283.26	1/4	2,953.42	1/4	2,623.57	1/4	2,293.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,542.86	1/2	4,239.85	1/2	3,931.06	1/2	3,606.23	1/2	3,276.39	1/2	2,946.54	1/2	2,616.70	1/2	2,286.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,536.80	3/4	4,233.58	3/4	3,924.44	3/4	3,599.36	3/4	3,269.51	3/4	2,939.67	3/4	2,609.83	3/4	2,279.98
9	9	9	9	9	9	9	4,530.75	9	4,227.31	9	3,917.82	9	3,592.48	9	3,262.64	9	2,932.80	9	2,602.96	9	2,273.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,524.69	1/4	4,221.04	1/4	3,911.19	1/4	3,585.61	1/4	3,255.77	1/4	2,925.93	1/4	2,596.08	1/4	2,266.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,517.94	1/2	4,214.74	1/2	3,904.54	1/2	3,578.74	1/2	3,248.90	1/2	2,919.06	1/2	2,589.21	1/2	2,259.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,511.20	3/4	4,208.45	3/4	3,897.89	3/4	3,571.87	3/4	3,242.03	3/4	2,912.19	3/4	2,582.34	3/4	2,252.49
10	10	10	10	10	10	10	4,504.45	10	4,202.15	10	3,891.24	10	3,565.00	10	3,235.16	10	2,905.31	10	2,575.47	10	2,245.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,497.70	1/4	4,195.85	1/4	3,884.59	1/4	3,558.13	1/4	3,228.28	1/4	2,898.44	1/4	2,568.60	1/4	2,238.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,490.87	1/2	4,189.53	1/2	3,877.92	1/2	3,551.25	1/2	3,221.41	1/2	2,891.57	1/2	2,561.72	1/2	2,231.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,484.04	3/4	4,183.21	3/4	3,871.24	3/4	3,544.38	3/4	3,214.54	3/4	2,884.70	3/4	2,554.85	3/4	2,225.01
11	11	11	11	11	11	11	4,477.21	11	4,176.89	11	3,864.57	11	3,537.51	11	3,207.67	11	2,877.83	11	2,547.98	11	2,218.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,470.38	1/4	4,170.56	1/4	3,857.89	1/4	3,530.64	1/4	3,200.80	1/4	2,870.96	1/4	2,541.11	1/4	2,211.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,463.74	1/2	4,164.21	1/2	3,851.19	1/2	3,523.77	1/2	3,193.93	1/2	2,864.08	1/2	2,534.24	1/2	2,204.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,457.10	3/4	4,157.86	3/4	3,844.49	3/4	3,516.90	3/4	3,187.05	3/4	2,857.21	3/4	2,527.37	3/4	2,197.52

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 44'-06 1/4" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,190.65	0	1,860.74	0	1,530.77	0	1,200.80	0	874.91	0	570.02	0	287.00	0	28.00	0			
1/4	2,183.78	1/4	1,853.87	1/4	1,523.89	1/4	1,193.92	1/4	868.31	1/4	563.89	1/4	281.33	1/4	23.36	1/4			
1/2	2,176.90	1/2	1,846.99	1/2	1,517.02	1/2	1,187.05	1/2	861.75	1/2	557.81	1/2	275.69	1/2	20.05	1/2			
3/4	2,170.03	3/4	1,840.12	3/4	1,510.15	3/4	1,180.17	3/4	855.19	3/4	551.72	3/4	270.05	3/4	16.74	3/4			
1	2,163.16	1	1,833.24	1	1,503.27	1	1,173.30	1	848.63	1	545.64	1	264.42	1	13.43	1			
1/4	2,156.29	1/4	1,826.37	1/4	1,496.40	1/4	1,166.43	1/4	842.07	1/4	539.56	1/4	258.78	1/4	10.11	1/4			
1/2	2,149.42	1/2	1,819.49	1/2	1,489.52	1/2	1,159.55	1/2	835.55	1/2	533.51	1/2	253.18	1/2		1/2			
3/4	2,142.54	3/4	1,812.62	3/4	1,482.65	3/4	1,152.68	3/4	829.03	3/4	527.46	3/4	247.58	3/4		3/4			
2	2,135.67	2	1,805.75	2	1,475.77	2	1,145.80	2	822.51	2	521.42	2	241.98	2	2	2			
1/4	2,128.80	1/4	1,798.87	1/4	1,468.90	1/4	1,138.93	1/4	815.99	1/4	515.37	1/4	236.39	1/4		1/4			
1/2	2,121.93	1/2	1,792.00	1/2	1,462.03	1/2	1,132.05	1/2	809.51	1/2	509.35	1/2	230.83	1/2		1/2			
3/4	2,115.06	3/4	1,785.12	3/4	1,455.15	3/4	1,125.18	3/4	803.03	3/4	503.34	3/4	225.27	3/4		3/4			
3	2,108.19	3	1,778.25	3	1,448.28	3	1,118.31	3	796.55	3	497.32	3	219.71	3	3	3			
1/4	2,101.31	1/4	1,771.37	1/4	1,441.40	1/4	1,111.43	1/4	790.07	1/4	491.30	1/4	214.15	1/4		1/4			
1/2	2,094.44	1/2	1,764.50	1/2	1,434.53	1/2	1,104.56	1/2	783.63	1/2	485.32	1/2	208.63	1/2		1/2			
3/4	2,087.57	3/4	1,757.62	3/4	1,427.65	3/4	1,097.68	3/4	777.19	3/4	479.33	3/4	203.11	3/4		3/4			
4	2,080.70	4	1,750.75	4	1,420.78	4	1,090.81	4	770.75	4	473.34	4	197.59	4	4	4			
1/4	2,073.83	1/4	1,743.88	1/4	1,413.90	1/4	1,083.93	1/4	764.31	1/4	467.35	1/4	192.07	1/4		1/4			
1/2	2,066.96	1/2	1,737.00	1/2	1,407.03	1/2	1,077.06	1/2	757.91	1/2	461.40	1/2	186.59	1/2		1/2			
3/4	2,060.08	3/4	1,730.13	3/4	1,400.16	3/4	1,070.19	3/4	751.51	3/4	455.45	3/4	181.10	3/4		3/4			
5	2,053.21	5	1,723.25	5	1,393.28	5	1,063.33	5	745.10	5	449.50	5	175.62	5	5	5			
1/4	2,046.34	1/4	1,716.38	1/4	1,386.41	1/4	1,056.46	1/4	738.70	1/4	443.54	1/4	170.14	1/4		1/4			
1/2	2,039.47	1/2	1,709.50	1/2	1,379.53	1/2	1,049.61	1/2	732.34	1/2	437.63	1/2	164.70	1/2		1/2			
3/4	2,032.60	3/4	1,702.63	3/4	1,372.66	3/4	1,042.76	3/4	725.98	3/4	431.72	3/4	159.26	3/4		3/4			
6	2,025.72	6	1,695.75	6	1,365.78	6	1,035.91	6	719.63	6	425.81	6	153.82	6	6	6			
1/4	2,018.85	1/4	1,688.88	1/4	1,358.91	1/4	1,029.06	1/4	713.27	1/4	419.89	1/4	148.38	1/4		1/4			
1/2	2,011.98	1/2	1,682.01	1/2	1,352.03	1/2	1,022.25	1/2	706.95	1/2	414.02	1/2	142.97	1/2		1/2			
3/4	2,005.10	3/4	1,675.13	3/4	1,345.16	3/4	1,015.45	3/4	700.63	3/4	408.15	3/4	137.57	3/4		3/4			
7	1,998.23	7	1,668.26	7	1,338.29	7	1,008.64	7	694.31	7	402.27	7	132.17	7	7	7			
1/4	1,991.35	1/4	1,661.38	1/4	1,331.41	1/4	1,001.84	1/4	687.99	1/4	396.40	1/4	126.77	1/4		1/4			
1/2	1,984.48	1/2	1,654.51	1/2	1,324.54	1/2	995.08	1/2	681.70	1/2	390.56	1/2	121.40	1/2		1/2			
3/4	1,977.61	3/4	1,647.63	3/4	1,317.66	3/4	988.33	3/4	675.42	3/4	384.73	3/4	116.04	3/4		3/4			
8	1,970.73	8	1,640.76	8	1,310.79	8	981.57	8	669.14	8	378.90	8	110.68	8	8	8			
1/4	1,963.86	1/4	1,633.89	1/4	1,303.91	1/4	974.82	1/4	662.85	1/4	373.06	1/4	105.31	1/4		1/4			
1/2	1,956.98	1/2	1,627.01	1/2	1,297.04	1/2	968.10	1/2	656.61	1/2	367.27	1/2	99.99	1/2		1/2			
3/4	1,950.11	3/4	1,620.14	3/4	1,290.17	3/4	961.39	3/4	650.36	3/4	361.47	3/4	94.66	3/4		3/4			
9	1,943.23	9	1,613.26	9	1,283.29	9	954.67	9	644.12	9	355.68	9	89.34	9	9	9			
1/4	1,936.36	1/4	1,606.39	1/4	1,276.42	1/4	947.95	1/4	637.88	1/4	349.88	1/4	84.02	1/4		1/4			
1/2	1,929.48	1/2	1,599.51	1/2	1,269.54	1/2	941.28	1/2	631.67	1/2	344.13	1/2	78.73	1/2		1/2			
3/4	1,922.61	3/4	1,592.64	3/4	1,262.67	3/4	934.60	3/4	625.47	3/4	338.37	3/4	73.45	3/4		3/4			
10	1,915.74	10	1,585.76	10	1,255.79	10	927.92	10	619.26	10	332.62	10	68.16	10	10	10			
1/4	1,908.86	1/4	1,578.89	1/4	1,248.92	1/4	921.25	1/4	613.06	1/4	326.86	1/4	62.88	1/4		1/4			
1/2	1,901.99	1/2	1,572.02	1/2	1,242.04	1/2	914.61	1/2	606.89	1/2	321.15	1/2	57.63	1/2		1/2			
3/4	1,895.11	3/4	1,565.14	3/4	1,235.17	3/4	907.97	3/4	600.73	3/4	315.44	3/4	52.39	3/4		3/4			
11	1,888.24	11	1,558.27	11	1,228.30	11	901.34	11	594.56	11	309.73	11	47.14	11	11	11			
1/4	1,881.36	1/4	1,551.39	1/4	1,221.42	1/4	894.70	1/4	588.39	1/4	304.02	1/4	41.90	1/4		1/4			
1/2	1,874.49	1/2	1,544.52	1/2	1,214.55	1/2	888.10	1/2	582.27	1/2	298.34	1/2	37.26	1/2		1/2			
3/4	1,867.61	3/4	1,537.64	3/4	1,207.67	3/4	881.50	3/4	576.14	3/4	292.67	3/4	32.63	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 28094"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

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		0	5,387.29	0	5,035.46	0	4,664.62	0	4,278.21	0	3,890.08	0	3,501.93	0	3,113.79		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,379.92	1/4	5,027.96	1/4	4,656.70	1/4	4,270.13	1/4	3,881.99	1/4	3,493.84	1/4	3,105.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,372.76	1/2	5,020.43	1/2	4,648.76	1/2	4,262.04	1/2	3,873.90	1/2	3,485.76	1/2	3,097.61		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,365.59	3/4	5,012.90	3/4	4,640.81	3/4	4,253.96	3/4	3,865.82	3/4	3,477.67	3/4	3,089.53		
1		1		1		1	5,358.43	1	5,005.37	1	4,632.86	1	4,245.87	1	3,857.73	1	3,469.58	1	3,081.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,351.27	1/4	4,997.83	1/4	4,624.91	1/4	4,237.78	1/4	3,849.65	1/4	3,461.50	1/4	3,073.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,344.07	1/2	4,990.27	1/2	4,616.93	1/2	4,229.70	1/2	3,841.56	1/2	3,453.41	1/2	3,065.27		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,336.88	3/4	4,982.71	3/4	4,608.95	3/4	4,221.61	3/4	3,833.47	3/4	3,445.32	3/4	3,057.18		
2		2		2		2	5,329.68	2	4,975.14	2	4,600.98	2	4,213.52	2	3,825.39	2	3,437.24	2	3,049.10		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,322.49	1/4	4,967.58	1/4	4,593.00	1/4	4,205.44	1/4	3,817.30	1/4	3,429.15	1/4	3,041.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,315.27	1/2	4,959.99	1/2	4,584.99	1/2	4,197.35	1/2	3,809.21	1/2	3,421.06	1/2	3,032.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,308.04	3/4	4,952.39	3/4	4,576.98	3/4	4,189.27	3/4	3,801.13	3/4	3,412.98	3/4	3,024.84		
3		3		3		3	5,300.82	3	4,944.80	3	4,568.97	3	4,181.18	3	3,793.04	3	3,404.89	3	3,016.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,293.59	1/4	4,937.21	1/4	4,560.96	1/4	4,173.09	1/4	3,784.96	1/4	3,396.81	1/4	3,008.66		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,286.34	1/2	4,929.56	1/2	4,552.92	1/2	4,165.01	1/2	3,776.87	1/2	3,388.72	1/2	3,000.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,279.08	3/4	4,921.91	3/4	4,544.88	3/4	4,156.92	3/4	3,768.78	3/4	3,380.63	3/4	2,992.49		
4		4		4		4	5,271.82	4	4,914.26	4	4,536.84	4	4,148.83	4	3,760.70	4	3,372.55	4	2,984.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,264.57	1/4	4,906.62	1/4	4,528.80	1/4	4,140.75	1/4	3,752.61	1/4	3,364.46	1/4	2,976.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,257.28	1/2	4,898.91	1/2	4,520.73	1/2	4,132.66	1/2	3,744.52	1/2	3,356.37	1/2	2,968.23		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,250.00	3/4	4,891.21	3/4	4,512.66	3/4	4,124.58	3/4	3,736.44	3/4	3,348.29	3/4	2,960.15		
5		5		5		5	5,242.71	5	4,883.51	5	4,504.60	5	4,116.49	5	3,728.35	5	3,340.20	5	2,952.06		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,235.42	1/4	4,875.81	1/4	4,496.53	1/4	4,108.40	1/4	3,720.27	1/4	3,332.12	1/4	2,943.97		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,228.11	1/2	4,868.07	1/2	4,488.45	1/2	4,100.32	1/2	3,712.18	1/2	3,324.03	1/2	2,935.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,220.79	3/4	4,860.34	3/4	4,480.36	3/4	4,092.23	3/4	3,704.09	3/4	3,315.94	3/4	2,927.80		
6		6		6		6	5,213.47	6	4,852.61	6	4,472.28	6	4,084.15	6	3,696.01	6	3,307.86	6	2,919.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,555.52	1/4	5,206.15	1/4	4,844.88	1/4	4,464.20	1/4	4,076.06	1/4	3,687.92	1/4	3,299.77	1/4	2,911.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,549.91	1/2	5,198.81	1/2	4,837.11	1/2	4,456.11	1/2	4,067.97	1/2	3,679.84	1/2	3,291.68	1/2	2,903.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,544.30	3/4	5,191.46	3/4	4,829.35	3/4	4,448.02	3/4	4,059.89	3/4	3,671.75	3/4	3,283.60	3/4	2,895.46
7		7		7		7	5,538.68	7	5,184.11	7	4,821.58	7	4,439.94	7	4,051.80	7	3,663.66	7	3,275.51	7	2,887.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,533.07	1/4	5,176.76	1/4	4,813.82	1/4	4,431.85	1/4	4,043.71	1/4	3,655.58	1/4	3,267.43	1/4	2,879.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,525.94	1/2	5,169.38	1/2	4,806.03	1/2	4,423.77	1/2	4,035.63	1/2	3,647.49	1/2	3,259.34	1/2	2,871.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,518.81	3/4	5,162.01	3/4	4,798.23	3/4	4,415.68	3/4	4,027.54	3/4	3,639.40	3/4	3,251.25	3/4	2,863.11
8		8		8		8	5,511.68	8	5,154.63	8	4,790.44	8	4,407.59	8	4,019.46	8	3,631.31	8	3,243.17	8	2,855.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,504.55	1/4	5,147.25	1/4	4,782.64	1/4	4,399.51	1/4	4,011.37	1/4	3,623.22	1/4	3,235.08	1/4	2,846.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,496.61	1/2	5,139.84	1/2	4,774.82	1/2	4,391.42	1/2	4,003.28	1/2	3,615.14	1/2	3,226.99	1/2	2,838.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,488.67	3/4	5,132.43	3/4	4,766.99	3/4	4,383.33	3/4	3,995.20	3/4	3,607.05	3/4	3,218.91	3/4	2,830.77
9		9		9		9	5,480.74	9	5,125.02	9	4,759.17	9	4,375.25	9	3,987.11	9	3,598.96	9	3,210.82	9	2,822.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,472.80	1/4	5,117.61	1/4	4,751.34	1/4	4,367.16	1/4	3,979.02	1/4	3,590.88	1/4	3,202.73	1/4	2,814.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,464.76	1/2	5,110.17	1/2	4,743.49	1/2	4,359.08	1/2	3,970.94	1/2	3,582.79	1/2	3,194.65	1/2	2,806.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,456.72	3/4	5,102.73	3/4	4,735.63	3/4	4,350.99	3/4	3,962.85	3/4	3,574.70	3/4	3,186.56	3/4	2,798.42
10		10		10		10	5,448.68	10	5,095.29	10	4,727.78	10	4,342.90	10	3,954.77	10	3,566.62	10	3,178.48	10	2,790.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,440.64	1/4	5,087.85	1/4	4,719.92	1/4	4,334.82	1/4	3,946.68	1/4	3,558.53	1/4	3,170.39	1/4	2,782.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,432.83	1/2	5,080.38	1/2	4,712.03	1/2	4,326.73	1/2	3,938.59	1/2	3,550.45	1/2	3,162.30	1/2	2,774.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,425.02	3/4	5,072.91	3/4	4,704.15	3/4	4,318.64	3/4	3,930.51	3/4	3,542.36	3/4	3,154.22	3/4	2,766.07
11		11		11		11	5,417.20	11	5,065.44	11	4,696.26	11	4,310.56	11	3,922.42	11	3,534.27	11	3,146.13	11	2,757.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,409.39	1/4	5,057.97	1/4	4,688.37	1/4	4,302.47	1/4	3,914.33	1/4	3,526.19	1/4	3,138.04	1/4	2,749.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,402.02	1/2	5,050.47	1/2	4,680.46	1/2	4,294.39	1/2	3,906.25	1/2	3,518.10	1/2	3,129.96	1/2	2,741.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,394.66	3/4	5,042.97	3/4	4,672.54	3/4	4,286.30	3/4	3,898.16	3/4	3,510.01	3/4	3,121.87	3/4	2,733.73

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 50'-07" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,725.64	0	2,337.39	0	1,949.10	0	1,560.81	0	1,172.52	0	784.81	0	396.75	0	19.24	0		0	
1/4	2,717.56	1/4	2,329.30	1/4	1,941.01	1/4	1,552.72	1/4	1,164.43	1/4	776.75	1/4	388.66	1/4		1/4		1/4	
1/2	2,709.47	1/2	2,321.21	1/2	1,932.92	1/2	1,544.63	1/2	1,156.34	1/2	768.68	1/2	380.57	1/2	13.85	1/2		1/2	
3/4	2,701.38	3/4	2,313.12	3/4	1,924.83	3/4	1,536.54	3/4	1,148.25	3/4	760.61	3/4	372.49	3/4		3/4		3/4	
1	2,693.30	1	2,305.04	1	1,916.74	1	1,528.45	1	1,140.16	1	752.55	1	364.40	1		1		1	
1/4	2,685.21	1/4	2,296.95	1/4	1,908.65	1/4	1,520.36	1/4	1,132.07	1/4	744.48	1/4	356.31	1/4		1/4		1/4	
1/2	2,677.13	1/2	2,288.86	1/2	1,900.57	1/2	1,512.27	1/2	1,123.98	1/2	736.41	1/2	348.22	1/2		1/2		1/2	
3/4	2,669.04	3/4	2,280.77	3/4	1,892.48	3/4	1,504.18	3/4	1,115.89	3/4	728.33	3/4	340.13	3/4		3/4		3/4	
2	2,660.95	2	2,272.68	2	1,884.39	2	1,496.10	2	1,107.80	2	720.26	2	332.04	2		2		2	
1/4	2,652.87	1/4	2,264.59	1/4	1,876.30	1/4	1,488.01	1/4	1,099.71	1/4	712.18	1/4	323.95	1/4		1/4		1/4	
1/2	2,644.78	1/2	2,256.50	1/2	1,868.21	1/2	1,479.92	1/2	1,091.63	1/2	704.09	1/2	315.86	1/2		1/2		1/2	
3/4	2,636.69	3/4	2,248.41	3/4	1,860.12	3/4	1,471.83	3/4	1,083.54	3/4	696.01	3/4	307.77	3/4		3/4		3/4	
3	2,628.61	3	2,240.32	3	1,852.03	3	1,463.74	3	1,075.45	3	687.92	3	299.68	3		3		3	
1/4	2,620.52	1/4	2,232.23	1/4	1,843.94	1/4	1,455.65	1/4	1,067.36	1/4	679.84	1/4	291.59	1/4		1/4		1/4	
1/2	2,612.43	1/2	2,224.14	1/2	1,835.85	1/2	1,447.56	1/2	1,059.27	1/2	671.75	1/2	283.50	1/2		1/2		1/2	
3/4	2,604.35	3/4	2,216.05	3/4	1,827.76	3/4	1,439.47	3/4	1,051.18	3/4	663.66	3/4	275.41	3/4		3/4		3/4	
4	2,596.26	4	2,207.96	4	1,819.67	4	1,431.38	4	1,043.09	4	655.57	4	267.32	4		4		4	
1/4	2,588.18	1/4	2,199.87	1/4	1,811.58	1/4	1,423.29	1/4	1,035.00	1/4	647.48	1/4	259.23	1/4		1/4		1/4	
1/2	2,580.08	1/2	2,191.78	1/2	1,803.49	1/2	1,415.20	1/2	1,026.91	1/2	639.39	1/2	251.14	1/2		1/2		1/2	
3/4	2,571.99	3/4	2,183.69	3/4	1,795.40	3/4	1,407.11	3/4	1,018.83	3/4	631.30	3/4	243.05	3/4		3/4		3/4	
5	2,563.90	5	2,175.60	5	1,787.31	5	1,399.02	5	1,010.74	5	623.21	5	234.96	5		5		5	
1/4	2,555.81	1/4	2,167.52	1/4	1,779.22	1/4	1,390.93	1/4	1,002.65	1/4	615.12	1/4	226.87	1/4		1/4		1/4	
1/2	2,547.72	1/2	2,159.43	1/2	1,771.13	1/2	1,382.84	1/2	994.58	1/2	607.03	1/2	218.78	1/2		1/2		1/2	
3/4	2,539.63	3/4	2,151.34	3/4	1,763.05	3/4	1,374.75	3/4	986.50	3/4	598.94	3/4	210.70	3/4		3/4		3/4	
6	2,531.54	6	2,143.25	6	1,754.96	6	1,366.66	6	978.43	6	590.85	6	202.61	6		6		6	
1/4	2,523.45	1/4	2,135.16	1/4	1,746.87	1/4	1,358.58	1/4	970.35	1/4	582.76	1/4	194.52	1/4		1/4		1/4	
1/2	2,515.36	1/2	2,127.07	1/2	1,738.78	1/2	1,350.49	1/2	962.29	1/2	574.67	1/2	186.43	1/2		1/2		1/2	
3/4	2,507.27	3/4	2,118.98	3/4	1,730.69	3/4	1,342.40	3/4	954.22	3/4	566.58	3/4	178.34	3/4		3/4		3/4	
7	2,499.18	7	2,110.89	7	1,722.60	7	1,334.31	7	946.15	7	558.49	7	170.25	7		7		7	
1/4	2,491.09	1/4	2,102.80	1/4	1,714.51	1/4	1,326.22	1/4	938.08	1/4	550.40	1/4	162.16	1/4		1/4		1/4	
1/2	2,483.00	1/2	2,094.71	1/2	1,706.42	1/2	1,318.13	1/2	930.02	1/2	542.32	1/2	154.07	1/2		1/2		1/2	
3/4	2,474.91	3/4	2,086.62	3/4	1,698.33	3/4	1,310.04	3/4	921.95	3/4	534.23	3/4	145.98	3/4		3/4		3/4	
8	2,466.82	8	2,078.53	8	1,690.24	8	1,301.95	8	913.88	8	526.14	8	137.89	8		8		8	
1/4	2,458.73	1/4	2,070.44	1/4	1,682.15	1/4	1,293.86	1/4	905.81	1/4	518.05	1/4	129.80	1/4		1/4		1/4	
1/2	2,450.64	1/2	2,062.35	1/2	1,674.06	1/2	1,285.77	1/2	897.74	1/2	509.96	1/2	121.71	1/2		1/2		1/2	
3/4	2,442.55	3/4	2,054.26	3/4	1,665.97	3/4	1,277.68	3/4	889.68	3/4	501.87	3/4	113.62	3/4		3/4		3/4	
9	2,434.47	9	2,046.17	9	1,657.88	9	1,269.59	9	881.61	9	493.78	9	105.53	9		9		9	
1/4	2,426.38	1/4	2,038.08	1/4	1,649.79	1/4	1,261.50	1/4	873.54	1/4	485.69	1/4	97.44	1/4		1/4		1/4	
1/2	2,418.29	1/2	2,030.00	1/2	1,641.70	1/2	1,253.41	1/2	865.47	1/2	477.61	1/2	89.35	1/2		1/2		1/2	
3/4	2,410.20	3/4	2,021.91	3/4	1,633.61	3/4	1,245.32	3/4	857.41	3/4	469.53	3/4	81.26	3/4		3/4		3/4	
10	2,402.11	10	2,013.82	10	1,625.53	10	1,237.23	10	849.34	10	461.44	10	73.17	10		10		10	
1/4	2,394.02	1/4	2,005.73	1/4	1,617.44	1/4	1,229.14	1/4	841.27	1/4	453.36	1/4	65.08	1/4		1/4		1/4	
1/2	2,385.93	1/2	1,997.64	1/2	1,609.35	1/2	1,221.06	1/2	833.21	1/2	445.27	1/2	57.07	1/2		1/2		1/2	
3/4	2,377.84	3/4	1,989.55	3/4	1,601.26	3/4	1,212.97	3/4	825.14	3/4	437.19	3/4	50.25	3/4		3/4		3/4	
11	2,369.75	11	1,981.46	11	1,593.17	11	1,204.88	11	817.07	11	429.10	11	42.84	11		11		11	
1/4	2,361.66	1/4	1,973.37	1/4	1,585.08	1/4	1,196.79	1/4	809.01	1/4	421.02	1/4	35.42	1/4		1/4		1/4	
1/2	2,353.57	1/2	1,965.28	1/2	1,576.99	1/2	1,188.70	1/2	800.94	1/2	412.93	1/2	30.03	1/2		1/2		1/2	
3/4	2,345.48	3/4	1,957.19	3/4	1,568.90	3/4	1,180.61	3/4	792.88	3/4	404.84	3/4	24.64	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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





BARGE "KIRBY 28094"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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		0	5,369.16	0	5,018.04	0	4,648.51	0	4,262.96	0	3,875.34	0	3,487.71	0	3,100.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,361.81	1/4	5,010.55	1/4	4,640.61	1/4	4,254.88	1/4	3,867.26	1/4	3,479.64	1/4	3,092.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,354.45	1/2	5,003.06	1/2	4,632.70	1/2	4,246.81	1/2	3,859.19	1/2	3,471.56	1/2	3,083.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,347.09	3/4	4,995.57	3/4	4,624.79	3/4	4,238.73	3/4	3,851.11	3/4	3,463.49	3/4	3,075.86
1		1		1		1	5,339.93	1	4,988.05	1	4,616.85	1	4,230.66	1	3,843.04	1	3,455.41	1	3,067.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,332.78	1/4	4,980.52	1/4	4,608.92	1/4	4,222.58	1/4	3,834.96	1/4	3,447.33	1/4	3,059.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,325.63	1/2	4,973.00	1/2	4,600.98	1/2	4,214.51	1/2	3,826.89	1/2	3,439.26	1/2	3,051.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,318.47	3/4	4,965.48	3/4	4,593.04	3/4	4,206.43	3/4	3,818.81	3/4	3,431.18	3/4	3,043.56
2		2		2		2	5,311.29	2	4,957.93	2	4,585.07	2	4,198.36	2	3,810.74	2	3,423.11	2	3,035.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,304.10	1/4	4,950.37	1/4	4,577.11	1/4	4,190.28	1/4	3,802.66	1/4	3,415.03	1/4	3,027.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,296.91	1/2	4,942.82	1/2	4,569.14	1/2	4,182.21	1/2	3,794.59	1/2	3,406.96	1/2	3,019.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,289.73	3/4	4,935.27	3/4	4,561.17	3/4	4,174.13	3/4	3,786.51	3/4	3,398.88	3/4	3,011.26
3		3		3		3	5,282.51	3	4,927.68	3	4,553.17	3	4,166.05	3	3,778.44	3	3,390.81	3	3,003.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,275.30	1/4	4,920.10	1/4	4,545.17	1/4	4,157.98	1/4	3,770.36	1/4	3,382.73	1/4	2,995.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,268.08	1/2	4,912.51	1/2	4,537.17	1/2	4,149.90	1/2	3,762.28	1/2	3,374.66	1/2	2,987.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,260.86	3/4	4,904.93	3/4	4,529.17	3/4	4,141.83	3/4	3,754.21	3/4	3,366.58	3/4	2,978.96
4		4		4		4	5,253.62	4	4,897.29	4	4,521.14	4	4,133.75	4	3,746.13	4	3,358.50	4	2,970.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,246.37	1/4	4,889.65	1/4	4,513.12	1/4	4,125.68	1/4	3,738.06	1/4	3,350.43	1/4	2,962.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,239.12	1/2	4,882.02	1/2	4,505.09	1/2	4,117.60	1/2	3,729.98	1/2	3,342.35	1/2	2,954.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,231.88	3/4	4,874.38	3/4	4,497.06	3/4	4,109.53	3/4	3,721.91	3/4	3,334.28	3/4	2,946.65
5		5		5		5	5,224.60	5	4,866.69	5	4,489.00	5	4,101.45	5	3,713.83	5	3,326.20	5	2,938.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,217.32	1/4	4,858.99	1/4	4,480.94	1/4	4,093.38	1/4	3,705.76	1/4	3,318.13	1/4	2,930.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,210.05	1/2	4,851.30	1/2	4,472.89	1/2	4,085.30	1/2	3,697.68	1/2	3,310.05	1/2	2,922.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,202.77	3/4	4,843.61	3/4	4,464.83	3/4	4,077.22	3/4	3,689.61	3/4	3,301.98	3/4	2,914.35
6		6		6		6	5,195.46	6	4,835.89	6	4,456.76	6	4,069.15	6	3,681.53	6	3,293.90	6	2,906.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,188.15	1/4	4,828.16	1/4	4,448.69	1/4	4,061.07	1/4	3,673.45	1/4	3,285.82	1/4	2,898.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,180.84	1/2	4,820.44	1/2	4,440.61	1/2	4,053.00	1/2	3,665.38	1/2	3,277.75	1/2	2,890.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,522.45	3/4	5,173.54	3/4	4,812.72	3/4	4,432.54	3/4	4,044.92	3/4	3,657.30	3/4	3,269.67
7		7		7		7	5,166.85	7	4,804.96	7	4,424.47	7	4,036.85	7	3,649.23	7	3,261.60	7	2,873.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,511.24	1/4	5,158.86	1/4	4,797.21	1/4	4,416.39	1/4	4,028.77	1/4	3,641.15	1/4	3,253.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,505.64	1/2	5,151.52	1/2	4,789.46	1/2	4,408.32	1/2	4,020.70	1/2	3,633.08	1/2	3,245.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,500.03	3/4	5,144.18	3/4	4,781.70	3/4	4,400.24	3/4	4,012.62	3/4	3,625.00	3/4	3,237.37
8		8		8		8	5,492.91	8	5,136.81	8	4,773.92	8	4,392.17	8	4,004.55	8	3,616.93	8	3,229.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,485.79	1/4	5,129.44	1/4	4,766.13	1/4	4,384.09	1/4	3,996.47	1/4	3,608.85	1/4	3,221.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,478.67	1/2	5,122.07	1/2	4,758.35	1/2	4,376.01	1/2	3,988.40	1/2	3,600.77	1/2	3,213.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,471.55	3/4	5,114.70	3/4	4,750.57	3/4	4,367.94	3/4	3,980.32	3/4	3,592.69	3/4	3,205.07
9		9		9		9	5,463.63	9	5,107.30	9	4,742.75	9	4,359.86	9	3,972.24	9	3,584.62	9	3,196.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,455.70	1/4	5,099.90	1/4	4,734.94	1/4	4,351.79	1/4	3,964.17	1/4	3,576.54	1/4	3,188.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,447.77	1/2	5,092.50	1/2	4,727.12	1/2	4,343.71	1/2	3,956.09	1/2	3,568.47	1/2	3,180.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,439.84	3/4	5,085.10	3/4	4,719.31	3/4	4,335.64	3/4	3,948.02	3/4	3,560.39	3/4	3,172.77
10		10		10		10	5,431.82	10	5,077.67	10	4,711.46	10	4,327.56	10	3,939.94	10	3,552.32	10	3,164.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,423.79	1/4	5,070.24	1/4	4,703.62	1/4	4,319.49	1/4	3,931.87	1/4	3,544.24	1/4	3,156.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,415.76	1/2	5,062.81	1/2	4,695.77	1/2	4,311.41	1/2	3,923.79	1/2	3,536.17	1/2	3,148.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,407.73	3/4	5,055.38	3/4	4,687.92	3/4	4,303.34	3/4	3,915.72	3/4	3,528.09	3/4	3,140.47
11		11		11		11	5,399.93	11	5,047.92	11	4,680.05	11	4,295.26	11	3,907.64	11	3,520.01	11	3,132.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,392.13	1/4	5,040.46	1/4	4,672.17	1/4	4,287.19	1/4	3,899.57	1/4	3,511.94	1/4	3,124.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,384.32	1/2	5,033.00	1/2	4,664.30	1/2	4,279.11	1/2	3,891.49	1/2	3,503.86	1/2	3,116.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,376.52	3/4	5,025.54	3/4	4,656.42	3/4	4,271.03	3/4	3,883.42	3/4	3,495.79	3/4	3,108.16

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 50'-07" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,712.46	0	2,324.75	0	1,936.97	0	1,549.20	0	1,167.24	0	794.67	0	412.38	0	29.99	0		0	
1/4	2,704.39	1/4	2,316.67	1/4	1,928.89	1/4	1,541.12	1/4	1,159.46	1/4	786.92	1/4	404.30	1/4	24.61	1/4		1/4	
1/2	2,696.31	1/2	2,308.59	1/2	1,920.82	1/2	1,533.04	1/2	1,151.69	1/2	779.18	1/2	396.22	1/2	19.22	1/2		1/2	
3/4	2,688.24	3/4	2,300.51	3/4	1,912.74	3/4	1,524.96	3/4	1,143.92	3/4	771.43	3/4	388.14	3/4	13.83	3/4		3/4	
1	2,680.16	1	2,292.43	1	1,904.66	1	1,516.89	1	1,136.14	1	763.68	1	380.06	1		1		1	
1/4	2,672.09	1/4	2,284.35	1/4	1,896.58	1/4	1,508.81	1/4	1,128.37	1/4	755.93	1/4	371.99	1/4		1/4		1/4	
1/2	2,664.01	1/2	2,276.27	1/2	1,888.50	1/2	1,500.73	1/2	1,120.60	1/2	748.18	1/2	363.91	1/2		1/2		1/2	
3/4	2,655.94	3/4	2,268.20	3/4	1,880.42	3/4	1,492.65	3/4	1,112.83	3/4	740.43	3/4	355.83	3/4		3/4		3/4	
2	2,647.86	2	2,260.12	2	1,872.34	2	1,484.57	2	1,105.05	2	732.67	2	347.75	2		2		2	
1/4	2,639.78	1/4	2,252.04	1/4	1,864.27	1/4	1,476.49	1/4	1,097.28	1/4	724.91	1/4	339.67	1/4		1/4		1/4	
1/2	2,631.71	1/2	2,243.96	1/2	1,856.19	1/2	1,468.41	1/2	1,089.51	1/2	717.15	1/2	331.59	1/2		1/2		1/2	
3/4	2,623.63	3/4	2,235.88	3/4	1,848.11	3/4	1,460.34	3/4	1,081.73	3/4	709.39	3/4	323.51	3/4		3/4		3/4	
3	2,615.56	3	2,227.80	3	1,840.03	3	1,452.26	3	1,073.96	3	701.63	3	315.44	3		3		3	
1/4	2,607.48	1/4	2,219.72	1/4	1,831.95	1/4	1,444.18	1/4	1,066.19	1/4	693.86	1/4	307.36	1/4		1/4		1/4	
1/2	2,599.41	1/2	2,211.65	1/2	1,823.87	1/2	1,436.10	1/2	1,058.41	1/2	686.09	1/2	299.28	1/2		1/2		1/2	
3/4	2,591.33	3/4	2,203.57	3/4	1,815.79	3/4	1,428.02	3/4	1,050.64	3/4	678.32	3/4	291.20	3/4		3/4		3/4	
4	2,583.26	4	2,195.49	4	1,807.72	4	1,419.94	4	1,042.87	4	670.39	4	283.12	4		4		4	
1/4	2,575.18	1/4	2,187.41	1/4	1,799.64	1/4	1,411.86	1/4	1,035.10	1/4	662.46	1/4	275.04	1/4		1/4		1/4	
1/2	2,567.11	1/2	2,179.33	1/2	1,791.56	1/2	1,403.79	1/2	1,027.32	1/2	654.54	1/2	266.96	1/2		1/2		1/2	
3/4	2,559.03	3/4	2,171.25	3/4	1,783.48	3/4	1,395.71	3/4	1,019.55	3/4	646.61	3/4	258.88	3/4		3/4		3/4	
5	2,550.95	5	2,163.17	5	1,775.40	5	1,387.63	5	1,011.78	5	638.53	5	250.81	5		5		5	
1/4	2,542.87	1/4	2,155.10	1/4	1,767.32	1/4	1,379.55	1/4	1,004.01	1/4	630.46	1/4	242.73	1/4		1/4		1/4	
1/2	2,534.79	1/2	2,147.02	1/2	1,759.24	1/2	1,371.47	1/2	996.24	1/2	622.38	1/2	234.65	1/2		1/2		1/2	
3/4	2,526.71	3/4	2,138.94	3/4	1,751.17	3/4	1,363.39	3/4	988.47	3/4	614.30	3/4	226.57	3/4		3/4		3/4	
6	2,518.63	6	2,130.86	6	1,743.09	6	1,355.31	6	980.71	6	606.22	6	218.49	6		6		6	
1/4	2,510.55	1/4	2,122.78	1/4	1,735.01	1/4	1,347.24	1/4	972.95	1/4	598.14	1/4	210.41	1/4		1/4		1/4	
1/2	2,502.48	1/2	2,114.70	1/2	1,726.93	1/2	1,339.16	1/2	965.20	1/2	590.06	1/2	202.33	1/2		1/2		1/2	
3/4	2,494.40	3/4	2,106.62	3/4	1,718.85	3/4	1,331.08	3/4	957.44	3/4	581.98	3/4	194.26	3/4		3/4		3/4	
7	2,486.32	7	2,098.55	7	1,710.77	7	1,323.15	7	949.69	7	573.91	7	186.18	7		7		7	
1/4	2,478.24	1/4	2,090.47	1/4	1,702.69	1/4	1,315.23	1/4	941.93	1/4	565.83	1/4	178.10	1/4		1/4		1/4	
1/2	2,470.16	1/2	2,082.39	1/2	1,694.62	1/2	1,307.30	1/2	934.18	1/2	557.75	1/2	170.02	1/2		1/2		1/2	
3/4	2,462.08	3/4	2,074.31	3/4	1,686.54	3/4	1,299.37	3/4	926.43	3/4	549.67	3/4	161.94	3/4		3/4		3/4	
8	2,454.00	8	2,066.23	8	1,678.46	8	1,291.60	8	918.68	8	541.59	8	153.86	8		8		8	
1/4	2,445.92	1/4	2,058.15	1/4	1,670.38	1/4	1,283.83	1/4	910.93	1/4	533.51	1/4	145.78	1/4		1/4		1/4	
1/2	2,437.85	1/2	2,050.07	1/2	1,662.30	1/2	1,276.06	1/2	903.18	1/2	525.43	1/2	137.71	1/2		1/2		1/2	
3/4	2,429.77	3/4	2,041.99	3/4	1,654.22	3/4	1,268.28	3/4	895.43	3/4	517.35	3/4	129.63	3/4		3/4		3/4	
9	2,421.69	9	2,033.92	9	1,646.14	9	1,260.51	9	887.68	9	509.28	9	121.55	9		9		9	
1/4	2,413.61	1/4	2,025.84	1/4	1,638.06	1/4	1,252.74	1/4	879.93	1/4	501.20	1/4	113.47	1/4		1/4		1/4	
1/2	2,405.53	1/2	2,017.76	1/2	1,629.99	1/2	1,244.96	1/2	872.18	1/2	493.12	1/2	105.39	1/2		1/2		1/2	
3/4	2,397.45	3/4	2,009.68	3/4	1,621.91	3/4	1,237.19	3/4	864.42	3/4	485.05	3/4	97.31	3/4		3/4		3/4	
10	2,389.37	10	2,001.60	10	1,613.83	10	1,229.42	10	856.67	10	476.97	10	89.23	10		10		10	
1/4	2,381.30	1/4	1,993.52	1/4	1,605.75	1/4	1,221.65	1/4	848.92	1/4	468.90	1/4	81.16	1/4		1/4		1/4	
1/2	2,373.22	1/2	1,985.44	1/2	1,597.67	1/2	1,213.87	1/2	841.17	1/2	460.82	1/2	73.08	1/2		1/2		1/2	
3/4	2,365.14	3/4	1,977.37	3/4	1,589.59	3/4	1,206.10	3/4	833.42	3/4	452.75	3/4	65.00	3/4		3/4		3/4	
11	2,357.06	11	1,969.29	11	1,581.51	11	1,198.33	11	825.67	11	444.68	11	57.59	11		11		11	
1/4	2,348.98	1/4	1,961.21	1/4	1,573.44	1/4	1,190.55	1/4	817.92	1/4	436.60	1/4	50.19	1/4		1/4		1/4	
1/2	2,340.90	1/2	1,953.13	1/2	1,565.36	1/2	1,182.78	1/2	810.17	1/2	428.53	1/2	42.78	1/2		1/2		1/2	
3/4	2,332.82	3/4	1,945.05	3/4	1,557.28	3/4	1,175.01	3/4	802.42	3/4	420.45	3/4	35.38	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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





BARGE "KIRBY 28094"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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		0	4,605.44	0	4,373.39	0	4,123.54	0	3,859.21	0	3,592.15	0	3,240.38	0	2,881.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,600.62	1/4	4,368.37	1/4	4,118.15	1/4	3,853.67	1/4	3,586.12	1/4	3,232.90	1/4	2,873.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,595.80	1/2	4,363.36	1/2	4,112.76	1/2	3,848.13	1/2	3,580.09	1/2	3,225.41	1/2	2,866.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,591.16	3/4	4,358.32	3/4	4,107.35	3/4	3,842.58	3/4	3,573.09	3/4	3,217.93	3/4	2,858.67
1		1		1		1	4,586.53	1	4,353.28	1	4,101.93	1	3,837.04	1	3,566.09	1	3,210.44	1	2,851.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,581.89	1/4	4,348.24	1/4	4,096.52	1/4	3,831.50	1/4	3,559.08	1/4	3,202.96	1/4	2,843.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,577.26	1/2	4,343.20	1/2	4,091.10	1/2	3,825.95	1/2	3,552.08	1/2	3,195.48	1/2	2,836.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,572.60	3/4	4,338.13	3/4	4,085.66	3/4	3,820.41	3/4	3,544.65	3/4	3,187.99	3/4	2,828.74
2		2		2		2	4,567.93	2	4,333.06	2	4,080.21	2	3,814.87	2	3,537.23	2	3,180.51	2	2,821.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,563.27	1/4	4,327.99	1/4	4,074.77	1/4	3,809.32	1/4	3,529.80	1/4	3,173.02	1/4	2,813.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,558.61	1/2	4,322.92	1/2	4,069.33	1/2	3,803.78	1/2	3,522.37	1/2	3,165.54	1/2	2,806.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,553.89	3/4	4,317.82	3/4	4,063.85	3/4	3,798.23	3/4	3,514.99	3/4	3,158.05	3/4	2,798.80
3		3		3		3	4,549.16	3	4,312.72	3	4,058.38	3	3,792.69	3	3,507.62	3	3,150.57	3	2,791.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,544.44	1/4	4,307.62	1/4	4,052.91	1/4	3,787.15	1/4	3,500.25	1/4	3,143.08	1/4	2,783.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,539.71	1/2	4,302.53	1/2	4,047.44	1/2	3,781.60	1/2	3,492.87	1/2	3,135.60	1/2	2,776.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,534.93	3/4	4,297.38	3/4	4,041.94	3/4	3,776.06	3/4	3,485.50	3/4	3,128.12	3/4	2,768.86
4		4		4		4	4,530.15	4	4,292.24	4	4,036.44	4	3,770.52	4	3,478.12	4	3,120.63	4	2,761.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,525.36	1/4	4,287.10	1/4	4,030.93	1/4	3,764.97	1/4	3,470.75	1/4	3,113.15	1/4	2,753.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,520.58	1/2	4,281.95	1/2	4,025.43	1/2	3,759.43	1/2	3,463.38	1/2	3,105.66	1/2	2,746.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,515.76	3/4	4,276.77	3/4	4,019.91	3/4	3,753.89	3/4	3,456.00	3/4	3,098.18	3/4	2,738.92
5		5		5		5	4,510.95	5	4,271.58	5	4,014.38	5	3,748.34	5	3,448.63	5	3,090.69	5	2,731.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,506.14	1/4	4,266.39	1/4	4,008.86	1/4	3,742.80	1/4	3,441.25	1/4	3,083.21	1/4	2,723.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,501.32	1/2	4,261.20	1/2	4,003.33	1/2	3,737.26	1/2	3,433.88	1/2	3,075.72	1/2	2,716.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,496.48	3/4	4,255.99	3/4	3,997.79	3/4	3,731.71	3/4	3,426.51	3/4	3,068.24	3/4	2,708.98
6		6		6		6	4,491.64	6	4,250.77	6	3,992.25	6	3,726.17	6	3,419.13	6	3,060.75	6	2,701.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,486.80	1/4	4,245.56	1/4	3,986.71	1/4	3,720.62	1/4	3,411.76	1/4	3,053.27	1/4	2,694.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,710.42	1/2	4,481.96	1/2	4,240.34	1/2	3,981.17	1/2	3,715.08	1/2	3,404.38	1/2	3,045.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,707.22	3/4	4,477.09	3/4	4,235.10	3/4	3,975.63	3/4	3,709.54	3/4	3,397.01	3/4	3,038.30
7		7		7		7	4,704.03	7	4,472.22	7	4,229.85	7	3,970.09	7	3,703.99	7	3,389.63	7	3,030.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,700.83	1/4	4,467.35	1/4	4,224.61	1/4	3,964.54	1/4	3,698.45	1/4	3,382.26	1/4	3,023.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,697.63	1/2	4,462.47	1/2	4,219.36	1/2	3,959.00	1/2	3,692.91	1/2	3,374.88	1/2	3,015.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,693.03	3/4	4,457.58	3/4	4,214.09	3/4	3,953.46	3/4	3,687.36	3/4	3,367.46	3/4	3,008.36
8		8		8		8	4,688.43	8	4,452.68	8	4,208.82	8	3,947.91	8	3,681.82	8	3,360.03	8	3,000.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,683.82	1/4	4,447.78	1/4	4,203.54	1/4	3,942.37	1/4	3,676.28	1/4	3,352.60	1/4	2,993.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,679.22	1/2	4,442.88	1/2	4,198.27	1/2	3,936.82	1/2	3,670.73	1/2	3,345.17	1/2	2,985.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,673.87	3/4	4,437.95	3/4	4,192.97	3/4	3,931.28	3/4	3,665.19	3/4	3,337.68	3/4	2,978.43
9		9		9		9	4,668.52	9	4,433.03	9	4,187.67	9	3,925.74	9	3,659.64	9	3,330.20	9	2,970.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,663.16	1/4	4,428.10	1/4	4,182.37	1/4	3,920.19	1/4	3,654.10	1/4	3,322.71	1/4	2,963.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,657.81	1/2	4,423.17	1/2	4,177.06	1/2	3,914.65	1/2	3,648.56	1/2	3,315.23	1/2	2,955.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,652.37	3/4	4,418.22	3/4	4,171.73	3/4	3,909.11	3/4	3,643.01	3/4	3,307.74	3/4	2,948.49
10		10		10		10	4,646.92	10	4,413.26	10	4,166.40	10	3,903.56	10	3,637.47	10	3,300.26	10	2,941.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,641.47	1/4	4,408.30	1/4	4,161.08	1/4	3,898.02	1/4	3,631.93	1/4	3,292.77	1/4	2,933.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,636.03	1/2	4,403.35	1/2	4,155.75	1/2	3,892.48	1/2	3,626.38	1/2	3,285.29	1/2	2,926.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,630.79	3/4	4,398.36	3/4	4,150.39	3/4	3,886.93	3/4	3,620.84	3/4	3,277.81	3/4	2,918.55
11		11		11		11	4,625.56	11	4,393.38	11	4,145.03	11	3,881.39	11	3,615.30	11	3,270.32	11	2,911.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,620.32	1/4	4,388.40	1/4	4,139.67	1/4	3,875.85	1/4	3,609.75	1/4	3,262.84	1/4	2,903.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,615.09	1/2	4,383.41	1/2	4,134.31	1/2	3,870.30	1/2	3,604.21	1/2	3,255.35	1/2	2,896.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,610.26	3/4	4,378.40	3/4	4,128.92	3/4	3,864.76	3/4	3,598.18	3/4	3,247.87	3/4	2,888.61

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-08 1/4" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

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	2,521.87	0	2,162.43	0	1,803.41	0	1,443.86	0	1,084.30	0	731.42	0	375.07	0	22.84	0		0	
1/4	2,514.39	1/4	2,154.95	1/4	1,795.92	1/4	1,436.37	1/4	1,076.81	1/4	724.15	1/4	367.58	1/4	17.85	1/4		1/4	
1/2	2,506.90	1/2	2,147.47	1/2	1,788.43	1/2	1,428.88	1/2	1,069.32	1/2	716.87	1/2	360.09	1/2	12.85	1/2		1/2	
3/4	2,499.42	3/4	2,139.99	3/4	1,780.94	3/4	1,421.39	3/4	1,061.83	3/4	709.60	3/4	352.60	3/4		3/4		3/4	
1	2,491.93	1	2,132.52	1	1,773.45	1	1,413.90	1	1,054.34	1	702.32	1	345.10	1		1		1	
1/4	2,484.45	1/4	2,125.04	1/4	1,765.96	1/4	1,406.41	1/4	1,046.84	1/4	695.05	1/4	337.61	1/4		1/4		1/4	
1/2	2,476.96	1/2	2,117.56	1/2	1,758.47	1/2	1,398.92	1/2	1,039.35	1/2	687.77	1/2	330.11	1/2		1/2		1/2	
3/4	2,469.48	3/4	2,110.08	3/4	1,750.98	3/4	1,391.43	3/4	1,031.86	3/4	680.48	3/4	322.62	3/4		3/4		3/4	
2	2,461.99	2	2,102.61	2	1,743.48	2	1,383.94	2	1,024.37	2	673.20	2	315.12	2		2		2	
1/4	2,454.51	1/4	2,095.13	1/4	1,735.99	1/4	1,376.45	1/4	1,016.88	1/4	665.91	1/4	307.63	1/4		1/4		1/4	
1/2	2,447.03	1/2	2,087.65	1/2	1,728.50	1/2	1,368.95	1/2	1,009.39	1/2	658.63	1/2	300.14	1/2		1/2		1/2	
3/4	2,439.54	3/4	2,080.17	3/4	1,721.01	3/4	1,361.46	3/4	1,001.90	3/4	651.33	3/4	292.64	3/4		3/4		3/4	
3	2,432.05	3	2,072.70	3	1,713.52	3	1,353.97	3	994.41	3	644.04	3	285.15	3		3		3	
1/4	2,424.56	1/4	2,065.22	1/4	1,706.03	1/4	1,346.48	1/4	986.92	1/4	636.74	1/4	277.65	1/4		1/4		1/4	
1/2	2,417.07	1/2	2,057.74	1/2	1,698.54	1/2	1,338.99	1/2	979.42	1/2	629.45	1/2	270.16	1/2		1/2		1/2	
3/4	2,409.58	3/4	2,050.27	3/4	1,691.05	3/4	1,331.50	3/4	972.03	3/4	622.05	3/4	262.66	3/4		3/4		3/4	
4	2,402.09	4	2,042.79	4	1,683.56	4	1,324.01	4	964.63	4	614.65	4	255.17	4		4		4	
1/4	2,394.60	1/4	2,035.31	1/4	1,676.07	1/4	1,316.52	1/4	957.24	1/4	607.26	1/4	247.67	1/4		1/4		1/4	
1/2	2,387.11	1/2	2,027.83	1/2	1,668.58	1/2	1,309.03	1/2	949.84	1/2	599.86	1/2	240.18	1/2		1/2		1/2	
3/4	2,379.61	3/4	2,020.36	3/4	1,661.09	3/4	1,301.54	3/4	942.55	3/4	592.37	3/4	232.69	3/4		3/4		3/4	
5	2,372.12	5	2,012.88	5	1,653.60	5	1,294.05	5	935.25	5	584.87	5	225.19	5		5		5	
1/4	2,364.63	1/4	2,005.40	1/4	1,646.11	1/4	1,286.56	1/4	927.96	1/4	577.38	1/4	217.70	1/4		1/4		1/4	
1/2	2,357.14	1/2	1,997.92	1/2	1,638.62	1/2	1,279.07	1/2	920.66	1/2	569.88	1/2	210.20	1/2		1/2		1/2	
3/4	2,349.64	3/4	1,990.45	3/4	1,631.13	3/4	1,271.58	3/4	913.37	3/4	562.39	3/4	202.71	3/4		3/4		3/4	
6	2,342.15	6	1,982.97	6	1,623.63	6	1,264.09	6	906.09	6	554.89	6	195.21	6		6		6	
1/4	2,334.66	1/4	1,975.49	1/4	1,616.14	1/4	1,256.60	1/4	898.80	1/4	547.40	1/4	187.72	1/4		1/4		1/4	
1/2	2,327.17	1/2	1,968.01	1/2	1,608.65	1/2	1,249.10	1/2	891.52	1/2	539.90	1/2	180.23	1/2		1/2		1/2	
3/4	2,319.67	3/4	1,960.54	3/4	1,601.16	3/4	1,241.61	3/4	884.24	3/4	532.41	3/4	172.73	3/4		3/4		3/4	
7	2,312.17	7	1,953.06	7	1,593.67	7	1,234.12	7	876.96	7	524.92	7	165.24	7		7		7	
1/4	2,304.68	1/4	1,945.58	1/4	1,586.18	1/4	1,226.63	1/4	869.69	1/4	517.42	1/4	157.74	1/4		1/4		1/4	
1/2	2,297.19	1/2	1,938.10	1/2	1,578.69	1/2	1,219.14	1/2	862.41	1/2	509.93	1/2	150.25	1/2		1/2		1/2	
3/4	2,289.69	3/4	1,930.63	3/4	1,571.20	3/4	1,211.65	3/4	855.13	3/4	502.43	3/4	142.75	3/4		3/4		3/4	
8	2,282.20	8	1,923.15	8	1,563.71	8	1,204.16	8	847.85	8	494.94	8	135.26	8		8		8	
1/4	2,274.70	1/4	1,915.67	1/4	1,556.22	1/4	1,196.67	1/4	840.58	1/4	487.44	1/4	127.76	1/4		1/4		1/4	
1/2	2,267.21	1/2	1,908.19	1/2	1,548.73	1/2	1,189.18	1/2	833.30	1/2	479.95	1/2	120.27	1/2		1/2		1/2	
3/4	2,259.72	3/4	1,900.72	3/4	1,541.24	3/4	1,181.68	3/4	826.02	3/4	472.46	3/4	112.78	3/4		3/4		3/4	
9	2,252.22	9	1,893.24	9	1,533.75	9	1,174.19	9	818.74	9	464.96	9	105.28	9		9		9	
1/4	2,244.73	1/4	1,885.76	1/4	1,526.26	1/4	1,166.70	1/4	811.47	1/4	457.47	1/4	97.79	1/4		1/4		1/4	
1/2	2,237.23	1/2	1,878.28	1/2	1,518.77	1/2	1,159.21	1/2	804.19	1/2	449.98	1/2	90.29	1/2		1/2		1/2	
3/4	2,229.75	3/4	1,870.80	3/4	1,511.28	3/4	1,151.72	3/4	796.91	3/4	442.49	3/4	82.80	3/4		3/4		3/4	
10	2,222.26	10	1,863.32	10	1,503.79	10	1,144.23	10	789.63	10	435.00	10	75.30	10		10		10	
1/4	2,214.78	1/4	1,855.84	1/4	1,496.29	1/4	1,136.74	1/4	782.36	1/4	427.51	1/4	67.81	1/4		1/4		1/4	
1/2	2,207.29	1/2	1,848.35	1/2	1,488.80	1/2	1,129.25	1/2	775.08	1/2	420.02	1/2	60.31	1/2		1/2		1/2	
3/4	2,199.81	3/4	1,840.86	3/4	1,481.31	3/4	1,121.76	3/4	767.80	3/4	412.53	3/4	53.45	3/4		3/4		3/4	
11	2,192.34	11	1,833.37	11	1,473.82	11	1,114.26	11	760.53	11	405.04	11	46.58	11		11		11	
1/4	2,184.86	1/4	1,825.88	1/4	1,466.33	1/4	1,106.77	1/4	753.25	1/4	397.55	1/4	39.71	1/4		1/4		1/4	
1/2	2,177.38	1/2	1,818.39	1/2	1,458.84	1/2	1,099.28	1/2	745.97	1/2	390.06	1/2	32.84	1/2		1/2		1/2	
3/4	2,169.90	3/4	1,810.90	3/4	1,451.35	3/4	1,091.79	3/4	738.70	3/4	382.57	3/4	27.84	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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





BARGE "KIRBY 28094"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

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	4,630.27	0	4,396.23	0	4,144.68	0	3,878.15	0	3,609.52	0	3,258.14	0	2,896.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,625.40	1/4	4,391.17	1/4	4,139.24	1/4	3,872.55	1/4	3,603.43	1/4	3,250.61	1/4	2,889.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,620.53	1/2	4,386.11	1/2	4,133.80	1/2	3,866.95	1/2	3,597.35	1/2	3,243.08	1/2	2,881.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,615.65	3/4	4,381.04	3/4	4,128.36	3/4	3,861.36	3/4	3,591.26	3/4	3,235.55	3/4	2,873.99
1	1	1	1	1	1	1	4,610.78	1	4,375.98	1	4,122.93	1	3,855.76	1	3,585.18	1	3,228.01	1	2,866.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,606.10	1/4	4,370.89	1/4	4,117.46	1/4	3,850.16	1/4	3,578.12	1/4	3,220.48	1/4	2,858.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,601.42	1/2	4,365.80	1/2	4,111.99	1/2	3,844.57	1/2	3,571.06	1/2	3,212.95	1/2	2,851.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,596.74	3/4	4,360.71	3/4	4,106.52	3/4	3,838.97	3/4	3,564.00	3/4	3,205.42	3/4	2,843.86
2	2	2	2	2	2	2	4,592.05	2	4,355.62	2	4,101.06	2	3,833.37	2	3,556.94	2	3,197.88	2	2,836.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,587.34	1/4	4,350.50	1/4	4,095.56	1/4	3,827.78	1/4	3,549.45	1/4	3,190.35	1/4	2,828.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,582.63	1/2	4,345.38	1/2	4,090.06	1/2	3,822.18	1/2	3,541.96	1/2	3,182.82	1/2	2,821.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,577.92	3/4	4,340.26	3/4	4,084.57	3/4	3,816.59	3/4	3,534.47	3/4	3,175.29	3/4	2,813.73
3	3	3	3	3	3	3	4,573.21	3	4,335.14	3	4,079.07	3	3,810.99	3	3,526.99	3	3,167.75	3	2,806.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,568.44	1/4	4,329.99	1/4	4,073.55	1/4	3,805.39	1/4	3,519.55	1/4	3,160.22	1/4	2,798.67
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,563.66	1/2	4,324.84	1/2	4,068.02	1/2	3,799.80	1/2	3,512.12	1/2	3,152.69	1/2	2,791.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,558.89	3/4	4,319.69	3/4	4,062.50	3/4	3,794.20	3/4	3,504.69	3/4	3,145.16	3/4	2,783.60
4	4	4	4	4	4	4	4,554.12	4	4,314.54	4	4,056.97	4	3,788.60	4	3,497.25	4	3,137.62	4	2,776.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,549.29	1/4	4,309.35	1/4	4,051.42	1/4	3,783.01	1/4	3,489.82	1/4	3,130.09	1/4	2,768.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,544.45	1/2	4,304.15	1/2	4,045.86	1/2	3,777.41	1/2	3,482.39	1/2	3,122.56	1/2	2,761.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,539.62	3/4	4,298.96	3/4	4,040.31	3/4	3,771.81	3/4	3,474.95	3/4	3,115.03	3/4	2,753.47
5	5	5	5	5	5	5	4,534.78	5	4,293.77	5	4,034.76	5	3,766.22	5	3,467.52	5	3,107.49	5	2,745.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,529.92	1/4	4,288.53	1/4	4,029.18	1/4	3,760.62	1/4	3,460.09	1/4	3,099.96	1/4	2,738.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,525.06	1/2	4,283.29	1/2	4,023.60	1/2	3,755.03	1/2	3,452.67	1/2	3,092.43	1/2	2,730.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,520.20	3/4	4,278.05	3/4	4,018.02	3/4	3,749.43	3/4	3,445.24	3/4	3,084.90	3/4	2,723.34
6	6	6	6	6	6	6	4,515.34	6	4,272.81	6	4,012.44	6	3,743.83	6	3,437.81	6	3,077.36	6	2,715.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,510.44	1/4	4,267.54	1/4	4,006.85	1/4	3,738.24	1/4	3,430.39	1/4	3,069.83	1/4	2,708.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,505.55	1/2	4,262.28	1/2	4,001.26	1/2	3,732.64	1/2	3,422.97	1/2	3,062.30	1/2	2,700.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,500.66	3/4	4,257.01	3/4	3,995.67	3/4	3,727.04	3/4	3,415.55	3/4	3,054.77	3/4	2,693.21
7	7	7	7	7	7	7	4,495.77	7	4,251.74	7	3,990.07	7	3,721.45	7	3,408.13	7	3,047.24	7	2,685.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,490.85	1/4	4,246.45	1/4	3,984.48	1/4	3,715.85	1/4	3,400.70	1/4	3,039.70	1/4	2,678.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,485.93	1/2	4,241.15	1/2	3,978.88	1/2	3,710.25	1/2	3,393.28	1/2	3,032.17	1/2	2,670.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,481.01	3/4	4,235.86	3/4	3,973.28	3/4	3,704.66	3/4	3,385.86	3/4	3,024.64	3/4	2,663.08
8	8	8	8	8	8	8	4,476.09	8	4,230.56	8	3,967.69	8	3,699.06	8	3,378.44	8	3,017.11	8	2,655.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,471.14	1/4	4,225.24	1/4	3,962.09	1/4	3,693.46	1/4	3,370.96	1/4	3,009.57	1/4	2,648.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,466.20	1/2	4,219.91	1/2	3,956.50	1/2	3,687.87	1/2	3,363.49	1/2	3,002.04	1/2	2,640.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,461.25	3/4	4,214.59	3/4	3,950.90	3/4	3,682.27	3/4	3,356.01	3/4	2,994.51	3/4	2,632.96
9	9	9	9	9	9	9	4,456.30	9	4,209.26	9	3,945.30	9	3,676.68	9	3,348.53	9	2,986.98	9	2,625.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,451.32	1/4	4,203.91	1/4	3,939.71	1/4	3,671.08	1/4	3,341.00	1/4	2,979.44	1/4	2,617.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,446.35	1/2	4,198.56	1/2	3,934.11	1/2	3,665.48	1/2	3,333.47	1/2	2,971.91	1/2	2,610.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,441.37	3/4	4,193.20	3/4	3,928.51	3/4	3,659.89	3/4	3,325.93	3/4	2,964.38	3/4	2,602.85
10	10	10	10	10	10	10	4,436.39	10	4,187.85	10	3,922.92	10	3,654.29	10	3,318.40	10	2,956.85	10	2,595.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,431.39	1/4	4,182.47	1/4	3,917.32	1/4	3,648.69	1/4	3,310.87	1/4	2,949.31	1/4	2,587.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,426.38	1/2	4,177.09	1/2	3,911.72	1/2	3,643.10	1/2	3,303.34	1/2	2,941.78	1/2	2,580.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,421.37	3/4	4,171.70	3/4	3,906.13	3/4	3,637.50	3/4	3,295.80	3/4	2,934.25	3/4	2,572.74
11	11	11	11	11	11	11	4,416.37	11	4,166.32	11	3,900.53	11	3,631.90	11	3,288.27	11	2,926.72	11	2,565.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,411.34	1/4	4,160.91	1/4	3,894.94	1/4	3,626.31	1/4	3,280.74	1/4	2,919.18	1/4	2,557.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,406.30	1/2	4,155.50	1/2	3,889.34	1/2	3,620.71	1/2	3,273.21	1/2	2,911.65	1/2	2,550.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,401.27	3/4	4,150.09	3/4	3,883.74	3/4	3,615.12	3/4	3,265.67	3/4	2,904.12	3/4	2,542.63

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 45'-08 1/4" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28094"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-01"

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	2,535.11	0	2,173.40	0	1,815.60	0	1,454.75	0	1,092.96	0	746.15	0	392.92	0	33.11	0			
1/4	2,527.58	1/4	2,165.87	1/4	1,808.16	1/4	1,447.21	1/4	1,085.43	1/4	739.12	1/4	385.37	1/4	28.07	1/4			
1/2	2,520.05	1/2	2,158.35	1/2	1,800.71	1/2	1,439.68	1/2	1,077.90	1/2	732.08	1/2	377.83	1/2	23.03	1/2			
3/4	2,512.53	3/4	2,150.82	3/4	1,793.27	3/4	1,432.14	3/4	1,070.37	3/4	725.05	3/4	370.29	3/4	17.99	3/4			
1	2,505.00	1	2,143.29	1	1,785.82	1	1,424.60	1	1,062.84	1	718.02	1	362.74	1	12.96	1			
1/4	2,497.47	1/4	2,135.77	1/4	1,778.37	1/4	1,417.07	1/4	1,055.31	1/4	710.98	1/4	355.20	1/4		1/4			
1/2	2,489.94	1/2	2,128.24	1/2	1,770.93	1/2	1,409.53	1/2	1,047.77	1/2	703.95	1/2	347.65	1/2		1/2			
3/4	2,482.42	3/4	2,120.71	3/4	1,763.48	3/4	1,401.99	3/4	1,040.24	3/4	696.91	3/4	340.11	3/4		3/4			
2	2,474.89	2	2,113.19	2	1,756.04	2	1,394.46	2	1,032.71	2	689.88	2	332.56	2		2			
1/4	2,467.36	1/4	2,105.71	1/4	1,748.54	1/4	1,386.92	1/4	1,025.18	1/4	682.82	1/4	325.02	1/4		1/4			
1/2	2,459.84	1/2	2,098.23	1/2	1,741.05	1/2	1,379.38	1/2	1,017.65	1/2	675.77	1/2	317.47	1/2		1/2			
3/4	2,452.31	3/4	2,090.75	3/4	1,733.56	3/4	1,371.85	3/4	1,010.12	3/4	668.72	3/4	309.93	3/4		3/4			
3	2,444.78	3	2,083.27	3	1,726.07	3	1,364.31	3	1,002.59	3	661.67	3	302.38	3		3			
1/4	2,437.25	1/4	2,075.83	1/4	1,718.53	1/4	1,356.77	1/4	995.05	1/4	654.60	1/4	294.84	1/4		1/4			
1/2	2,429.72	1/2	2,068.40	1/2	1,710.99	1/2	1,349.24	1/2	987.52	1/2	647.52	1/2	287.29	1/2		1/2			
3/4	2,422.19	3/4	2,060.97	3/4	1,703.46	3/4	1,341.70	3/4	979.99	3/4	640.45	3/4	279.75	3/4		3/4			
4	2,414.66	4	2,053.54	4	1,695.92	4	1,334.16	4	972.46	4	633.38	4	272.20	4		4			
1/4	2,407.12	1/4	2,046.10	1/4	1,688.38	1/4	1,326.63	1/4	965.16	1/4	626.07	1/4	264.65	1/4		1/4			
1/2	2,399.58	1/2	2,038.67	1/2	1,680.85	1/2	1,319.09	1/2	957.86	1/2	618.76	1/2	257.11	1/2		1/2			
3/4	2,392.05	3/4	2,031.24	3/4	1,673.31	3/4	1,311.55	3/4	950.57	3/4	611.45	3/4	249.56	3/4		3/4			
5	2,384.51	5	2,023.80	5	1,665.77	5	1,304.02	5	943.27	5	604.14	5	242.02	5		5			
1/4	2,376.97	1/4	2,016.37	1/4	1,658.24	1/4	1,296.48	1/4	936.21	1/4	596.60	1/4	234.47	1/4		1/4			
1/2	2,369.42	1/2	2,008.94	1/2	1,650.70	1/2	1,288.94	1/2	929.15	1/2	589.05	1/2	226.93	1/2		1/2			
3/4	2,361.88	3/4	2,001.50	3/4	1,643.16	3/4	1,281.41	3/4	922.09	3/4	581.51	3/4	219.38	3/4		3/4			
6	2,354.34	6	1,994.07	6	1,635.63	6	1,273.87	6	915.03	6	573.96	6	211.84	6		6			
1/4	2,346.80	1/4	1,986.64	1/4	1,628.09	1/4	1,266.33	1/4	907.99	1/4	566.42	1/4	204.29	1/4		1/4			
1/2	2,339.25	1/2	1,979.21	1/2	1,620.55	1/2	1,258.80	1/2	900.94	1/2	558.87	1/2	196.75	1/2		1/2			
3/4	2,331.71	3/4	1,971.77	3/4	1,613.02	3/4	1,251.26	3/4	893.90	3/4	551.33	3/4	189.20	3/4		3/4			
7	2,324.17	7	1,964.34	7	1,605.48	7	1,243.72	7	886.86	7	543.78	7	181.66	7		7			
1/4	2,316.62	1/4	1,956.91	1/4	1,597.95	1/4	1,236.18	1/4	879.83	1/4	536.24	1/4	174.11	1/4		1/4			
1/2	2,309.08	1/2	1,949.47	1/2	1,590.41	1/2	1,228.65	1/2	872.80	1/2	528.69	1/2	166.57	1/2		1/2			
3/4	2,301.54	3/4	1,942.04	3/4	1,582.87	3/4	1,221.11	3/4	865.77	3/4	521.14	3/4	159.02	3/4		3/4			
8	2,293.99	8	1,934.61	8	1,575.34	8	1,213.57	8	858.73	8	513.60	8	151.48	8		8			
1/4	2,286.45	1/4	1,927.18	1/4	1,567.80	1/4	1,206.04	1/4	851.70	1/4	506.05	1/4	143.92	1/4		1/4			
1/2	2,278.91	1/2	1,919.74	1/2	1,560.26	1/2	1,198.50	1/2	844.66	1/2	498.51	1/2	136.37	1/2		1/2			
3/4	2,271.36	3/4	1,912.31	3/4	1,552.73	3/4	1,190.96	3/4	837.62	3/4	490.96	3/4	128.82	3/4		3/4			
9	2,263.82	9	1,904.88	9	1,545.19	9	1,183.42	9	830.59	9	483.42	9	121.27	9		9			
1/4	2,256.28	1/4	1,897.44	1/4	1,537.65	1/4	1,175.89	1/4	823.55	1/4	475.87	1/4	113.71	1/4		1/4			
1/2	2,248.73	1/2	1,890.01	1/2	1,530.12	1/2	1,168.35	1/2	816.51	1/2	468.33	1/2	106.16	1/2		1/2			
3/4	2,241.19	3/4	1,882.58	3/4	1,522.58	3/4	1,160.81	3/4	809.48	3/4	460.79	3/4	98.60	3/4		3/4			
10	2,233.65	10	1,875.15	10	1,515.04	10	1,153.27	10	802.44	10	453.24	10	91.04	10		10			
1/4	2,226.11	1/4	1,867.71	1/4	1,507.51	1/4	1,145.73	1/4	795.40	1/4	445.70	1/4	83.49	1/4		1/4			
1/2	2,218.58	1/2	1,860.27	1/2	1,499.97	1/2	1,138.19	1/2	788.37	1/2	438.16	1/2	75.93	1/2		1/2			
3/4	2,211.04	3/4	1,852.83	3/4	1,492.43	3/4	1,130.65	3/4	781.33	3/4	430.62	3/4	68.37	3/4		3/4			
11	2,203.51	11	1,845.39	11	1,484.90	11	1,123.11	11	774.29	11	423.08	11	60.82	11		11			
1/4	2,195.98	1/4	1,837.94	1/4	1,477.36	1/4	1,115.57	1/4	767.26	1/4	415.54	1/4	53.89	1/4		1/4			
1/2	2,188.45	1/2	1,830.50	1/2	1,469.82	1/2	1,108.03	1/2	760.22	1/2	408.00	1/2	46.96	1/2		1/2			
3/4	2,180.93	3/4	1,823.05	3/4	1,462.29	3/4	1,100.50	3/4	753.19	3/4	400.46	3/4	40.03	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/28/2024 JS
COMPUTED: 05/29/2024 CL
PRINTED: 05/29/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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