



BARGE "KIRBY 11343"

ULLAGE TRIM TABLE
FORMERLY "CGBM 120"

	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 CENTER	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8
3 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	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 3 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 170'-09"

August 3, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 11343"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 120"

GAUGE HEIGHT 16'-03 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	144,889	0	134,673	0	124,450	0	114,228	0	104,012	0	93,844	0	83,658	0	73,463
1/4	1/4	1/4	144,679	1/4	143,830	1/4	133,608	1/4	123,385	1/4	113,163	1/4	102,953	1/4	92,785	1/4	82,596	1/4	72,401
1/2	1/2	1/2	144,469	1/2	143,618	1/2	133,395	1/2	123,172	1/2	112,950	1/2	102,741	1/2	92,573	1/2	82,383	1/2	72,189
3/4	3/4	3/4	144,256	3/4	143,405	3/4	133,182	3/4	122,959	3/4	112,737	3/4	102,529	3/4	92,361	3/4	82,171	3/4	71,977
1		1	144,043	1	143,192	1	132,969	1	122,747	1	112,524	1	102,317	1	92,149	1	81,958	1	71,764
1/4	1/4	1/4	151,783	1/4	142,979	1/4	132,756	1/4	122,534	1/4	112,311	1/4	102,106	1/4	91,938	1/4	81,746	1/4	71,552
1/2	1/2	1/2	151,777	1/2	142,766	1/2	132,543	1/2	122,321	1/2	112,098	1/2	101,894	1/2	91,726	1/2	81,534	1/2	71,340
3/4	3/4	3/4	151,748	3/4	142,553	3/4	132,330	3/4	122,108	3/4	111,885	3/4	101,682	3/4	91,514	3/4	81,321	3/4	71,127
2		2	151,720	2	142,340	2	132,117	2	121,895	2	111,672	2	101,470	2	91,302	2	81,109	2	70,915
1/4	1/4	1/4	151,691	1/4	142,127	1/4	131,904	1/4	121,682	1/4	111,459	1/4	101,258	1/4	91,090	1/4	80,897	1/4	70,702
1/2	1/2	1/2	151,662	1/2	141,914	1/2	131,691	1/2	121,469	1/2	111,246	1/2	101,046	1/2	90,878	1/2	80,684	1/2	70,490
3/4	3/4	3/4	151,590	3/4	141,701	3/4	131,478	3/4	121,256	3/4	111,033	3/4	100,835	3/4	90,666	3/4	80,472	3/4	70,281
3		3	151,519	3	141,488	3	131,265	3	121,043	3	110,820	3	100,623	3	90,454	3	80,259	3	70,071
1/4	1/4	1/4	151,447	1/4	141,275	1/4	131,052	1/4	120,830	1/4	110,607	1/4	100,411	1/4	90,241	1/4	80,047	1/4	69,862
1/2	1/2	1/2	151,447	1/2	141,062	1/2	130,839	1/2	120,617	1/2	110,394	1/2	100,199	1/2	90,029	1/2	79,835	1/2	69,652
3/4	3/4	3/4	151,447	3/4	140,849	3/4	130,626	3/4	120,404	3/4	110,181	3/4	99,987	3/4	89,817	3/4	79,622	3/4	69,443
5		5	150,605	5	140,636	5	130,413	5	120,191	5	109,968	5	99,775	5	89,604	5	79,410	5	69,233
1/4	1/4	1/4	150,449	1/4	140,423	1/4	130,200	1/4	119,978	1/4	109,755	1/4	99,564	1/4	89,392	1/4	79,198	1/4	69,024
1/2	1/2	1/2	150,292	1/2	140,210	1/2	129,987	1/2	119,765	1/2	109,542	1/2	99,352	1/2	89,179	1/2	78,985	1/2	68,814
3/4	3/4	3/4	150,095	3/4	139,997	3/4	129,775	3/4	119,552	3/4	109,329	3/4	99,140	3/4	88,967	3/4	78,773	3/4	68,605
6		6	149,897	6	139,784	6	129,562	6	119,339	6	109,116	6	98,928	6	88,755	6	78,560	6	68,396
1/4	1/4	1/4	149,700	1/4	139,571	1/4	129,349	1/4	119,126	1/4	108,904	1/4	98,716	1/4	88,542	1/4	78,348	1/4	68,186
1/2	1/2	1/2	149,503	1/2	139,358	1/2	129,136	1/2	118,913	1/2	108,691	1/2	98,504	1/2	88,330	1/2	78,136	1/2	67,977
3/4	3/4	3/4	149,294	3/4	139,145	3/4	128,923	3/4	118,700	3/4	108,478	3/4	98,293	3/4	88,117	3/4	77,923	3/4	67,767
7		7	149,085	7	138,932	7	128,710	7	118,487	7	108,265	7	98,081	7	87,905	7	77,711	7	67,558
1/4	1/4	1/4	148,877	1/4	138,719	1/4	128,497	1/4	118,274	1/4	108,052	1/4	97,869	1/4	87,693	1/4	77,499	1/4	67,348
1/2	1/2	1/2	148,668	1/2	138,506	1/2	128,284	1/2	118,061	1/2	107,839	1/2	97,657	1/2	87,480	1/2	77,286	1/2	67,139
3/4	3/4	3/4	148,458	3/4	138,293	3/4	128,071	3/4	117,848	3/4	107,626	3/4	97,445	3/4	87,268	3/4	77,074	3/4	66,929
8		8	148,249	8	138,080	8	127,858	8	117,635	8	107,413	8	97,233	8	87,056	8	76,861	8	66,720
1/4	1/4	1/4	148,039	1/4	137,867	1/4	127,645	1/4	117,422	1/4	107,200	1/4	97,022	1/4	86,843	1/4	76,649	1/4	66,511
1/2	1/2	1/2	147,829	1/2	137,654	1/2	127,432	1/2	117,209	1/2	106,987	1/2	96,810	1/2	86,631	1/2	76,437	1/2	66,301
3/4	3/4	3/4	147,619	3/4	137,441	3/4	127,219	3/4	116,996	3/4	106,774	3/4	96,598	3/4	86,418	3/4	76,224	3/4	66,092
9		9	147,409	9	137,228	9	127,006	9	116,783	9	106,561	9	96,386	9	86,206	9	76,012	9	65,882
1/4	1/4	1/4	147,199	1/4	137,015	1/4	126,793	1/4	116,570	1/4	106,348	1/4	96,174	1/4	85,994	1/4	75,800	1/4	65,673
1/2	1/2	1/2	146,989	1/2	136,803	1/2	126,580	1/2	116,357	1/2	106,135	1/2	95,962	1/2	85,781	1/2	75,587	1/2	65,463
3/4	3/4	3/4	146,779	3/4	136,590	3/4	126,367	3/4	116,144	3/4	105,922	3/4	95,751	3/4	85,569	3/4	75,375	3/4	65,254
10		10	146,569	10	136,377	10	126,154	10	115,932	10	105,709	10	95,539	10	85,357	10	75,162	10	65,044
1/4	1/4	1/4	146,359	1/4	136,164	1/4	125,941	1/4	115,719	1/4	105,496	1/4	95,327	1/4	85,144	1/4	74,950	1/4	64,835
1/2	1/2	1/2	146,149	1/2	135,951	1/2	125,728	1/2	115,506	1/2	105,283	1/2	95,115	1/2	84,932	1/2	74,738	1/2	64,625
3/4	3/4	3/4	145,939	3/4	135,738	3/4	125,515	3/4	115,293	3/4	105,071	3/4	94,903	3/4	84,719	3/4	74,525	3/4	64,416
11		11	145,729	11	135,525	11	125,302	11	115,080	11	104,859	11	94,691	11	84,507	11	74,313	11	64,207
1/4	1/4	1/4	145,519	1/4	135,312	1/4	125,089	1/4	114,867	1/4	104,648	1/4	94,480	1/4	84,295	1/4	74,100	1/4	63,997
1/2	1/2	1/2	145,309	1/2	135,099	1/2	124,876	1/2	114,654	1/2	104,436	1/2	94,268	1/2	84,082	1/2	73,888	1/2	63,788
3/4	3/4	3/4	145,099	3/4	134,886	3/4	124,663	3/4	114,441	3/4	104,224	3/4	94,056	3/4	83,870	3/4	73,676	3/4	63,578

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 21'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 11343"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 120"

GAUGE HEIGHT 16'-03 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	63,369	0	53,201	0	43,010	0	32,819	0	22,648	0	12,889	0	2,713	0		0		0	
1/4	63,159	1/4	52,989	1/4	42,798	1/4	32,606	1/4	22,446	1/4	12,676	1/4	2,511	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,950	1/2	52,776	1/2	42,585	1/2	32,394	1/2	22,244	1/2	12,463	1/2	2,309	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,740	3/4	52,564	3/4	42,373	3/4	32,182	3/4	22,043	3/4	12,250	3/4	2,113	3/4	3/4	3/4	3/4	3/4	3/4
1	62,531	1	52,352	1	42,161	1	31,969	1	21,841	1	12,037	1	1,917	1	1	1	1	1	1
1/4	62,322	1/4	52,139	1/4	41,948	1/4	31,757	1/4	21,640	1/4	11,824	1/4	1,721	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,112	1/2	51,927	1/2	41,736	1/2	31,545	1/2	21,439	1/2	11,611	1/2	1,525	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,900	3/4	51,715	3/4	41,524	3/4	31,332	3/4	21,239	3/4	11,398	3/4	1,335	3/4	3/4	3/4	3/4	3/4	3/4
2	61,688	2	51,503	2	41,311	2	31,120	2	21,038	2	11,185	2	1,145	2	2	2	2	2	2
1/4	61,476	1/4	51,290	1/4	41,099	1/4	30,908	1/4	20,838	1/4	10,972	1/4	956	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,263	1/2	51,078	1/2	40,887	1/2	30,695	1/2	20,637	1/2	10,759	1/2	766	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,051	3/4	50,866	3/4	40,674	3/4	30,483	3/4	20,437	3/4	10,546	3/4	584	3/4	3/4	3/4	3/4	3/4	3/4
3	60,839	3	50,653	3	40,462	3	30,271	3	20,236	3	10,333	3	402	3	3	3	3	3	3
1/4	60,627	1/4	50,441	1/4	40,250	1/4	30,058	1/4	20,036	1/4	10,120	1/4	220	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,415	1/2	50,229	1/2	40,037	1/2	29,846	1/2	19,835	1/2	9,907	1/2	38	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,203	3/4	50,016	3/4	39,825	3/4	29,634	3/4	19,635	3/4	9,694	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4	59,991	4	49,804	4	39,613	4	29,421	4	19,434	4	9,481	4		4	4	4	4	4	4
1/4	59,779	1/4	49,592	1/4	39,400	1/4	29,209	1/4	19,234	1/4	9,268	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,567	1/2	49,379	1/2	39,188	1/2	28,997	1/2	19,033	1/2	9,055	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,355	3/4	49,167	3/4	38,976	3/4	28,785	3/4	18,833	3/4	8,842	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	59,143	5	48,955	5	38,763	5	28,572	5	18,632	5	8,629	5		5	5	5	5	5	5
1/4	58,931	1/4	48,742	1/4	38,551	1/4	28,360	1/4	18,432	1/4	8,416	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,719	1/2	48,530	1/2	38,339	1/2	28,148	1/2	18,231	1/2	8,204	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,507	3/4	48,318	3/4	38,127	3/4	27,935	3/4	18,031	3/4	7,991	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	58,295	6	48,105	6	37,914	6	27,723	6	17,830	6	7,778	6		6	6	6	6	6	6
1/4	58,083	1/4	47,893	1/4	37,702	1/4	27,511	1/4	17,630	1/4	7,565	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,870	1/2	47,681	1/2	37,490	1/2	27,298	1/2	17,429	1/2	7,352	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,658	3/4	47,468	3/4	37,277	3/4	27,086	3/4	17,229	3/4	7,139	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	57,446	7	47,256	7	37,065	7	26,874	7	17,028	7	6,926	7		7	7	7	7	7	7
1/4	57,234	1/4	47,044	1/4	36,853	1/4	26,661	1/4	16,828	1/4	6,713	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,022	1/2	46,832	1/2	36,640	1/2	26,449	1/2	16,627	1/2	6,500	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	56,810	3/4	46,619	3/4	36,428	3/4	26,237	3/4	16,427	3/4	6,287	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	56,598	8	46,407	8	36,216	8	26,024	8	16,226	8	6,074	8		8	8	8	8	8	8
1/4	56,386	1/4	46,195	1/4	36,003	1/4	25,812	1/4	16,026	1/4	5,861	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	56,174	1/2	45,982	1/2	35,791	1/2	25,600	1/2	15,825	1/2	5,648	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,961	3/4	45,770	3/4	35,579	3/4	25,387	3/4	15,624	3/4	5,435	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	55,749	9	45,558	9	35,366	9	25,175	9	15,422	9	5,222	9		9	9	9	9	9	9
1/4	55,537	1/4	45,345	1/4	35,154	1/4	24,963	1/4	15,220	1/4	5,009	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	55,324	1/2	45,133	1/2	34,942	1/2	24,750	1/2	15,018	1/2	4,796	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	55,112	3/4	44,921	3/4	34,729	3/4	24,538	3/4	14,805	3/4	4,584	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	54,900	10	44,708	10	34,517	10	24,326	10	14,592	10	4,371	10		10	10	10	10	10	10
1/4	54,687	1/4	44,496	1/4	34,305	1/4	24,114	1/4	14,379	1/4	4,159	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	54,475	1/2	44,284	1/2	34,092	1/2	23,901	1/2	14,166	1/2	3,947	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	54,263	3/4	44,071	3/4	33,880	3/4	23,689	3/4	13,953	3/4	3,739	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	54,050	11	43,859	11	33,668	11	23,477	11	13,740	11	3,532	11		11	11	11	11	11	11
1/4	53,838	1/4	43,647	1/4	33,456	1/4	23,264	1/4	13,528	1/4	3,324	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	53,626	1/2	43,434	1/2	33,243	1/2	23,052	1/2	13,315	1/2	3,116	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	53,413	3/4	43,222	3/4	33,031	3/4	22,850	3/4	13,102	3/4	2,915	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
VERIFIED: 08/03/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 11343"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 120"

GAUGE HEIGHT 16'-04 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	166,281	0	154,691	0	143,081	0	131,472	0	119,862	0	108,252	0	96,643	0	85,033
1/4	1/4	1/4	1/4	1/4	166,043	1/4	154,449	1/4	142,839	1/4	131,230	1/4	119,620	1/4	108,011	1/4	96,401	1/4	84,791
1/2	1/2	1/2	1/2	1/2	165,805	1/2	154,207	1/2	142,597	1/2	130,988	1/2	119,378	1/2	107,769	1/2	96,159	1/2	84,550
3/4	3/4	3/4	3/4	3/4	165,567	3/4	153,965	3/4	142,355	3/4	130,746	3/4	119,136	3/4	107,527	3/4	95,917	3/4	84,308
1	1	1	1	1	165,329	1	153,723	1	142,114	1	130,504	1	118,895	1	107,285	1	95,675	1	84,066
1/4	1/4	1/4	1/4	1/4	165,091	1/4	153,481	1/4	141,872	1/4	130,262	1/4	118,653	1/4	107,043	1/4	95,434	1/4	83,824
1/2	1/2	1/2	1/2	1/2	164,849	1/2	153,239	1/2	141,630	1/2	130,020	1/2	118,411	1/2	106,801	1/2	95,192	1/2	83,582
3/4	3/4	3/4	3/4	3/4	164,607	3/4	152,998	3/4	141,388	3/4	129,778	3/4	118,169	3/4	106,559	3/4	94,950	3/4	83,340
2	2	2	2	2	173,374	2	164,365	2	152,756	2	141,146	2	129,537	2	117,927	2	106,318	2	94,708
1/4	1/4	1/4	1/4	1/4	173,368	1/4	164,123	1/4	152,514	1/4	140,904	1/4	129,295	1/4	117,685	1/4	106,076	1/4	94,466
1/2	1/2	1/2	1/2	1/2	173,335	1/2	163,882	1/2	152,272	1/2	140,662	1/2	129,053	1/2	117,443	1/2	105,834	1/2	94,224
3/4	3/4	3/4	3/4	3/4	173,303	3/4	163,640	3/4	152,030	3/4	140,421	3/4	128,811	3/4	117,201	3/4	105,592	3/4	93,982
3	3	3	3	3	173,271	3	163,398	3	151,788	3	140,179	3	128,569	3	116,960	3	105,350	3	93,741
1/4	1/4	1/4	1/4	1/4	173,238	1/4	163,156	1/4	151,546	1/4	139,937	1/4	128,327	1/4	116,718	1/4	105,108	1/4	93,499
1/2	1/2	1/2	1/2	1/2	173,157	1/2	162,914	1/2	151,304	1/2	139,695	1/2	128,085	1/2	116,476	1/2	104,866	1/2	93,257
3/4	3/4	3/4	3/4	3/4	173,077	3/4	162,672	3/4	151,063	3/4	139,453	3/4	127,844	3/4	116,234	3/4	104,624	3/4	93,015
4	4	4	4	4	172,996	4	162,430	4	150,821	4	139,211	4	127,602	4	115,992	4	104,383	4	92,773
1/4	1/4	1/4	1/4	1/4	172,915	1/4	162,188	1/4	150,579	1/4	138,969	1/4	127,360	1/4	115,750	1/4	104,141	1/4	92,531
1/2	1/2	1/2	1/2	1/2	172,786	1/2	161,947	1/2	150,337	1/2	138,727	1/2	127,118	1/2	115,508	1/2	103,899	1/2	92,289
3/4	3/4	3/4	3/4	3/4	172,657	3/4	161,705	3/4	150,095	3/4	138,486	3/4	126,876	3/4	115,267	3/4	103,657	3/4	92,047
5	5	5	5	5	172,528	5	161,463	5	149,853	5	138,244	5	126,634	5	115,025	5	103,415	5	91,806
1/4	1/4	1/4	1/4	1/4	172,399	1/4	161,221	1/4	149,611	1/4	138,002	1/4	126,392	1/4	114,783	1/4	103,173	1/4	91,564
1/2	1/2	1/2	1/2	1/2	172,221	1/2	160,979	1/2	149,370	1/2	137,760	1/2	126,150	1/2	114,541	1/2	102,931	1/2	91,322
3/4	3/4	3/4	3/4	3/4	172,044	3/4	160,737	3/4	149,128	3/4	137,518	3/4	125,909	3/4	114,299	3/4	102,690	3/4	91,080
6	6	6	6	6	171,866	6	160,495	6	148,886	6	137,276	6	125,667	6	114,057	6	102,448	6	90,838
1/4	1/4	1/4	1/4	1/4	171,689	1/4	160,254	1/4	148,644	1/4	137,034	1/4	125,425	1/4	113,815	1/4	102,206	1/4	90,596
1/2	1/2	1/2	1/2	1/2	171,465	1/2	160,012	1/2	148,402	1/2	136,793	1/2	125,183	1/2	113,573	1/2	101,964	1/2	90,354
3/4	3/4	3/4	3/4	3/4	171,242	3/4	159,770	3/4	148,160	3/4	136,551	3/4	124,941	3/4	113,332	3/4	101,722	3/4	90,113
7	7	7	7	7	171,018	7	159,528	7	147,918	7	136,309	7	124,699	7	113,090	7	101,480	7	89,871
1/4	1/4	1/4	1/4	1/4	170,795	1/4	159,286	1/4	147,677	1/4	136,067	1/4	124,457	1/4	112,848	1/4	101,238	1/4	89,629
1/2	1/2	1/2	1/2	1/2	170,558	1/2	159,044	1/2	147,435	1/2	135,825	1/2	124,216	1/2	112,606	1/2	100,996	1/2	89,387
3/4	3/4	3/4	3/4	3/4	170,322	3/4	158,802	3/4	147,193	3/4	135,583	3/4	123,974	3/4	112,364	3/4	100,755	3/4	89,145
8	8	8	8	8	170,085	8	158,560	8	146,951	8	135,341	8	123,732	8	112,122	8	100,513	8	88,903
1/4	1/4	1/4	1/4	1/4	169,849	1/4	158,319	1/4	146,709	1/4	135,100	1/4	123,490	1/4	111,880	1/4	100,271	1/4	88,661
1/2	1/2	1/2	1/2	1/2	169,611	1/2	158,077	1/2	146,467	1/2	134,858	1/2	123,248	1/2	111,639	1/2	100,029	1/2	88,419
3/4	3/4	3/4	3/4	3/4	169,374	3/4	157,835	3/4	146,225	3/4	134,616	3/4	123,006	3/4	111,397	3/4	99,787	3/4	88,178
9	9	9	9	9	169,136	9	157,593	9	145,983	9	134,374	9	122,764	9	111,155	9	99,545	9	87,936
1/4	1/4	1/4	1/4	1/4	168,898	1/4	157,351	1/4	145,742	1/4	134,132	1/4	122,523	1/4	110,913	1/4	99,303	1/4	87,694
1/2	1/2	1/2	1/2	1/2	168,661	1/2	157,109	1/2	145,500	1/2	133,890	1/2	122,281	1/2	110,671	1/2	99,062	1/2	87,452
3/4	3/4	3/4	3/4	3/4	168,423	3/4	156,867	3/4	145,258	3/4	133,648	3/4	122,039	3/4	110,429	3/4	98,820	3/4	87,210
10	10	10	10	10	168,185	10	156,626	10	145,016	10	133,406	10	121,797	10	110,187	10	98,578	10	86,968
1/4	1/4	1/4	1/4	1/4	167,947	1/4	156,384	1/4	144,774	1/4	133,165	1/4	121,555	1/4	109,945	1/4	98,336	1/4	86,726
1/2	1/2	1/2	1/2	1/2	167,709	1/2	156,142	1/2	144,532	1/2	132,923	1/2	121,313	1/2	109,704	1/2	98,094	1/2	86,485
3/4	3/4	3/4	3/4	3/4	167,471	3/4	155,900	3/4	144,290	3/4	132,681	3/4	121,071	3/4	109,462	3/4	97,852	3/4	86,243
11	11	11	11	11	167,233	11	155,658	11	144,049	11	132,439	11	120,829	11	109,220	11	97,610	11	86,001
1/4	1/4	1/4	1/4	1/4	166,995	1/4	155,416	1/4	143,807	1/4	132,197	1/4	120,588	1/4	108,978	1/4	97,368	1/4	85,759
1/2	1/2	1/2	1/2	1/2	166,757	1/2	155,174	1/2	143,565	1/2	131,955	1/2	120,346	1/2	108,736	1/2	97,127	1/2	85,517
3/4	3/4	3/4	3/4	3/4	166,519	3/4	154,932	3/4	143,323	3/4	131,713	3/4	120,104	3/4	108,494	3/4	96,885	3/4	85,275

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 11343"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 120"

GAUGE HEIGHT 16'-04 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	73,424	0	61,814	0	50,205	0	38,595	0	26,986	0	15,712	0	4,103	0		0		0	
1/4	73,182	1/4	61,572	1/4	49,963	1/4	38,353	1/4	26,744	1/4	15,470	1/4	3,862	1/4		1/4		1/4	
1/2	72,940	1/2	61,331	1/2	49,721	1/2	38,111	1/2	26,510	1/2	15,228	1/2	3,621	1/2		1/2		1/2	
3/4	72,698	3/4	61,089	3/4	49,479	3/4	37,870	3/4	26,276	3/4	14,986	3/4	3,380	3/4		3/4		3/4	
1	72,456	1	60,847	1	49,237	1	37,628	1	26,042	1	14,744	1	3,139	1		1		1	
1/4	72,214	1/4	60,605	1/4	48,995	1/4	37,386	1/4	25,808	1/4	14,503	1/4	2,897	1/4		1/4		1/4	
1/2	71,973	1/2	60,363	1/2	48,754	1/2	37,144	1/2	25,575	1/2	14,261	1/2	2,657	1/2		1/2		1/2	
3/4	71,731	3/4	60,121	3/4	48,512	3/4	36,902	3/4	25,341	3/4	14,019	3/4	2,417	3/4		3/4		3/4	
2	71,489	2	59,879	2	48,270	2	36,660	2	25,108	2	13,777	2	2,177	2		2		2	
1/4	71,247	1/4	59,637	1/4	48,028	1/4	36,418	1/4	24,874	1/4	13,535	1/4	1,937	1/4		1/4		1/4	
1/2	71,005	1/2	59,396	1/2	47,786	1/2	36,177	1/2	24,641	1/2	13,293	1/2	1,698	1/2		1/2		1/2	
3/4	70,763	3/4	59,154	3/4	47,544	3/4	35,935	3/4	24,407	3/4	13,051	3/4	1,459	3/4		3/4		3/4	
3	70,521	3	58,912	3	47,302	3	35,693	3	24,174	3	12,810	3	1,221	3		3		3	
1/4	70,280	1/4	58,670	1/4	47,060	1/4	35,451	1/4	23,941	1/4	12,568	1/4	982	1/4		1/4		1/4	
1/2	70,038	1/2	58,428	1/2	46,819	1/2	35,209	1/2	23,707	1/2	12,326	1/2	746	1/2		1/2		1/2	
3/4	69,796	3/4	58,186	3/4	46,577	3/4	34,967	3/4	23,474	3/4	12,084	3/4	510	3/4		3/4		3/4	
4	69,554	4	57,944	4	46,335	4	34,725	4	23,240	4	11,842	4	274	4		4		4	
1/4	69,312	1/4	57,703	1/4	46,093	1/4	34,483	1/4	23,007	1/4	11,600	1/4	38	1/4		1/4		1/4	
1/2	69,070	1/2	57,461	1/2	45,851	1/2	34,242	1/2	22,774	1/2	11,358	1/2		1/2		1/2		1/2	
3/4	68,828	3/4	57,219	3/4	45,609	3/4	34,000	3/4	22,540	3/4	11,117	3/4		3/4		3/4		3/4	
5	68,586	5	56,977	5	45,367	5	33,758	5	22,307	5	10,875	5		5		5		5	
1/4	68,345	1/4	56,735	1/4	45,126	1/4	33,516	1/4	22,073	1/4	10,633	1/4		1/4		1/4		1/4	
1/2	68,103	1/2	56,493	1/2	44,884	1/2	33,274	1/2	21,840	1/2	10,391	1/2		1/2		1/2		1/2	
3/4	67,861	3/4	56,251	3/4	44,642	3/4	33,032	3/4	21,607	3/4	10,149	3/4		3/4		3/4		3/4	
6	67,619	6	56,009	6	44,400	6	32,790	6	21,373	6	9,907	6		6		6		6	
1/4	67,377	1/4	55,768	1/4	44,158	1/4	32,549	1/4	21,140	1/4	9,665	1/4		1/4		1/4		1/4	
1/2	67,135	1/2	55,526	1/2	43,916	1/2	32,307	1/2	20,906	1/2	9,424	1/2		1/2		1/2		1/2	
3/4	66,893	3/4	55,284	3/4	43,674	3/4	32,065	3/4	20,673	3/4	9,182	3/4		3/4		3/4		3/4	
7	66,652	7	55,042	7	43,432	7	31,823	7	20,440	7	8,940	7		7		7		7	
1/4	66,410	1/4	54,800	1/4	43,191	1/4	31,581	1/4	20,206	1/4	8,698	1/4		1/4		1/4		1/4	
1/2	66,168	1/2	54,558	1/2	42,949	1/2	31,339	1/2	19,973	1/2	8,456	1/2		1/2		1/2		1/2	
3/4	65,926	3/4	54,316	3/4	42,707	3/4	31,097	3/4	19,740	3/4	8,214	3/4		3/4		3/4		3/4	
8	65,684	8	54,075	8	42,465	8	30,855	8	19,506	8	7,972	8		8		8		8	
1/4	65,442	1/4	53,833	1/4	42,223	1/4	30,614	1/4	19,273	1/4	7,731	1/4		1/4		1/4		1/4	
1/2	65,200	1/2	53,591	1/2	41,981	1/2	30,372	1/2	19,039	1/2	7,489	1/2		1/2		1/2		1/2	
3/4	64,959	3/4	53,349	3/4	41,739	3/4	30,130	3/4	18,806	3/4	7,247	3/4		3/4		3/4		3/4	
9	64,717	9	53,107	9	41,498	9	29,888	9	18,573	9	7,005	9		9		9		9	
1/4	64,475	1/4	52,865	1/4	41,256	1/4	29,646	1/4	18,339	1/4	6,763	1/4		1/4		1/4		1/4	
1/2	64,233	1/2	52,623	1/2	41,014	1/2	29,404	1/2	18,106	1/2	6,521	1/2		1/2		1/2		1/2	
3/4	63,991	3/4	52,382	3/4	40,772	3/4	29,162	3/4	17,872	3/4	6,279	3/4		3/4		3/4		3/4	
10	63,749	10	52,140	10	40,530	10	28,921	10	17,638	10	6,038	10		10		10		10	
1/4	63,507	1/4	51,898	1/4	40,288	1/4	28,679	1/4	17,405	1/4	5,796	1/4		1/4		1/4		1/4	
1/2	63,265	1/2	51,656	1/2	40,046	1/2	28,437	1/2	17,163	1/2	5,554	1/2		1/2		1/2		1/2	
3/4	63,024	3/4	51,414	3/4	39,805	3/4	28,195	3/4	16,921	3/4	5,312	3/4		3/4		3/4		3/4	
11	62,782	11	51,172	11	39,563	11	27,953	11	16,679	11	5,070	11		11		11		11	
1/4	62,540	1/4	50,930	1/4	39,321	1/4	27,711	1/4	16,437	1/4	4,828	1/4		1/4		1/4		1/4	
1/2	62,298	1/2	50,688	1/2	39,079	1/2	27,469	1/2	16,196	1/2	4,587	1/2		1/2		1/2		1/2	
3/4	62,056	3/4	50,447	3/4	38,837	3/4	27,227	3/4	15,954	3/4	4,345	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
VERIFIED: 08/03/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "KIRBY 11343"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 120"

GAUGE HEIGHT 16'-03 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	65,789	0	55,321	0	44,854	0	34,386	0	23,923	0	13,516	0	3,051	0		0		0	
1/4	65,570	1/4	55,103	1/4	44,636	1/4	34,168	1/4	23,706	1/4	13,298	1/4	2,834	1/4		1/4		1/4	
1/2	65,352	1/2	54,885	1/2	44,418	1/2	33,950	1/2	23,489	1/2	13,080	1/2	2,616	1/2		1/2		1/2	
3/4	65,134	3/4	54,667	3/4	44,200	3/4	33,732	3/4	23,272	3/4	12,862	3/4	2,400	3/4		3/4		3/4	
1	64,916	1	54,449	1	43,981	1	33,514	1	23,056	1	12,644	1	2,183	1		1		1	
1/4	64,698	1/4	54,231	1/4	43,763	1/4	33,296	1/4	22,839	1/4	12,426	1/4	1,967	1/4		1/4		1/4	
1/2	64,480	1/2	54,013	1/2	43,545	1/2	33,078	1/2	22,622	1/2	12,207	1/2	1,750	1/2		1/2		1/2	
3/4	64,262	3/4	53,795	3/4	43,327	3/4	32,860	3/4	22,405	3/4	11,989	3/4	1,535	3/4		3/4		3/4	
2	64,044	2	53,577	2	43,109	2	32,642	2	22,189	2	11,771	2	1,320	2		2		2	
1/4	63,826	1/4	53,359	1/4	42,891	1/4	32,424	1/4	21,973	1/4	11,553	1/4	1,105	1/4		1/4		1/4	
1/2	63,608	1/2	53,140	1/2	42,673	1/2	32,206	1/2	21,756	1/2	11,335	1/2	889	1/2		1/2		1/2	
3/4	63,390	3/4	52,922	3/4	42,455	3/4	31,988	3/4	21,540	3/4	11,117	3/4	676	3/4		3/4		3/4	
3	63,172	3	52,704	3	42,237	3	31,769	3	21,324	3	10,899	3	464	3		3		3	
1/4	62,954	1/4	52,486	1/4	42,019	1/4	31,551	1/4	21,107	1/4	10,681	1/4	251	1/4		1/4		1/4	
1/2	62,736	1/2	52,268	1/2	41,801	1/2	31,333	1/2	20,891	1/2	10,463	1/2	38	1/2		1/2		1/2	
3/4	62,517	3/4	52,050	3/4	41,583	3/4	31,115	3/4	20,675	3/4	10,245	3/4		3/4		3/4		3/4	
4	62,299	4	51,832	4	41,365	4	30,897	4	20,458	4	10,027	4		4		4		4	
1/4	62,081	1/4	51,614	1/4	41,147	1/4	30,679	1/4	20,242	1/4	9,809	1/4		1/4		1/4		1/4	
1/2	61,863	1/2	51,396	1/2	40,928	1/2	30,461	1/2	20,025	1/2	9,591	1/2		1/2		1/2		1/2	
3/4	61,645	3/4	51,178	3/4	40,710	3/4	30,243	3/4	19,809	3/4	9,373	3/4		3/4		3/4		3/4	
5	61,427	5	50,960	5	40,492	5	30,025	5	19,593	5	9,155	5		5		5		5	
1/4	61,209	1/4	50,742	1/4	40,274	1/4	29,807	1/4	19,376	1/4	8,937	1/4		1/4		1/4		1/4	
1/2	60,991	1/2	50,524	1/2	40,056	1/2	29,589	1/2	19,160	1/2	8,718	1/2		1/2		1/2		1/2	
3/4	60,773	3/4	50,306	3/4	39,838	3/4	29,371	3/4	18,944	3/4	8,500	3/4		3/4		3/4		3/4	
6	60,555	6	50,087	6	39,620	6	29,153	6	18,727	6	8,282	6		6		6		6	
1/4	60,337	1/4	49,869	1/4	39,402	1/4	28,935	1/4	18,511	1/4	8,064	1/4		1/4		1/4		1/4	
1/2	60,119	1/2	49,651	1/2	39,184	1/2	28,716	1/2	18,295	1/2	7,846	1/2		1/2		1/2		1/2	
3/4	59,901	3/4	49,433	3/4	38,966	3/4	28,498	3/4	18,078	3/4	7,628	3/4		3/4		3/4		3/4	
7	59,683	7	49,215	7	38,748	7	28,280	7	17,862	7	7,410	7		7		7		7	
1/4	59,464	1/4	48,997	1/4	38,530	1/4	28,062	1/4	17,646	1/4	7,192	1/4		1/4		1/4		1/4	
1/2	59,246	1/2	48,779	1/2	38,312	1/2	27,844	1/2	17,429	1/2	6,974	1/2		1/2		1/2		1/2	
3/4	59,028	3/4	48,561	3/4	38,094	3/4	27,626	3/4	17,213	3/4	6,756	3/4		3/4		3/4		3/4	
8	58,810	8	48,343	8	37,875	8	27,408	8	16,997	8	6,538	8		8		8		8	
1/4	58,592	1/4	48,125	1/4	37,657	1/4	27,190	1/4	16,780	1/4	6,320	1/4		1/4		1/4		1/4	
1/2	58,374	1/2	47,907	1/2	37,439	1/2	26,972	1/2	16,564	1/2	6,102	1/2		1/2		1/2		1/2	
3/4	58,156	3/4	47,689	3/4	37,221	3/4	26,754	3/4	16,347	3/4	5,884	3/4		3/4		3/4		3/4	
9	57,938	9	47,471	9	37,003	9	26,536	9	16,130	9	5,666	9		9		9		9	
1/4	57,720	1/4	47,253	1/4	36,785	1/4	26,318	1/4	15,913	1/4	5,448	1/4		1/4		1/4		1/4	
1/2	57,502	1/2	47,034	1/2	36,567	1/2	26,100	1/2	15,696	1/2	5,229	1/2		1/2		1/2		1/2	
3/4	57,284	3/4	46,816	3/4	36,349	3/4	25,882	3/4	15,478	3/4	5,011	3/4		3/4		3/4		3/4	
10	57,066	10	46,598	10	36,131	10	25,664	10	15,260	10	4,793	10		10		10		10	
1/4	56,848	1/4	46,380	1/4	35,913	1/4	25,445	1/4	15,042	1/4	4,575	1/4		1/4		1/4		1/4	
1/2	56,630	1/2	46,162	1/2	35,695	1/2	25,227	1/2	14,824	1/2	4,357	1/2		1/2		1/2		1/2	
3/4	56,412	3/4	45,944	3/4	35,477	3/4	25,010	3/4	14,606	3/4	4,139	3/4		3/4		3/4		3/4	
11	56,193	11	45,726	11	35,259	11	24,792	11	14,388	11	3,921	11		11		11		11	
1/4	55,975	1/4	45,508	1/4	35,041	1/4	24,575	1/4	14,170	1/4	3,704	1/4		1/4		1/4		1/4	
1/2	55,757	1/2	45,290	1/2	34,822	1/2	24,357	1/2	13,952	1/2	3,486	1/2		1/2		1/2		1/2	
3/4	55,539	3/4	45,072	3/4	34,604	3/4	24,140	3/4	13,734	3/4	3,268	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/07/2013 SW
CALCULATED: 08/07/2013 CL
VERIFIED: 08/03/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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