



# BARGE "KIRBY 11353"

ULLAGE TRIM TABLE  
FORMERLY "CGBM 132"

	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	- 01-0/8	01-0/8	- 01-3/8	01-3/8	- 01-3/4	01-3/4	- 02-1/8	02-1/8
2 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
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4

(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 CENTER IS 00-3/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/4"

LENGTH BETWEEN DRAFT MARKS: 167'-06"

February 10, 2021

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 11353"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 132"

GAUGE HEIGHT 16'-05"

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	142,980	0	134,044	0	125,083	0	116,121	0	106,509	0	96,243	0	85,963	0	75,672
1/4	1/4	1/4	1/4	1/4	142,796	1/4	133,858	1/4	124,896	1/4	115,934	1/4	106,294	1/4	96,029	1/4	85,749	1/4	75,458
1/2	1/2	1/2	1/2	1/2	142,612	1/2	133,671	1/2	124,709	1/2	115,747	1/2	106,080	1/2	95,815	1/2	85,534	1/2	75,243
3/4	3/4	3/4	3/4	3/4	142,428	3/4	133,484	3/4	124,522	3/4	115,561	3/4	105,866	3/4	95,601	3/4	85,320	3/4	75,029
1	1	1	1	1	142,245	1	133,298	1	124,336	1	115,374	1	105,652	1	95,387	1	85,106	1	74,815
1/4	1/4	1/4	1/4	1/4	142,061	1/4	133,111	1/4	124,149	1/4	115,187	1/4	105,438	1/4	95,173	1/4	84,891	1/4	74,600
1/2	1/2	1/2	1/2	1/2	141,877	1/2	132,924	1/2	123,962	1/2	115,001	1/2	105,224	1/2	94,960	1/2	84,677	1/2	74,386
3/4	3/4	3/4	3/4	3/4	141,693	3/4	132,737	3/4	123,776	3/4	114,814	3/4	105,011	3/4	94,746	3/4	84,462	3/4	74,172
2	2	2	2	2	141,510	2	132,551	2	123,589	2	114,627	2	104,797	2	94,532	2	84,248	2	73,957
1/4	1/4	1/4	1/4	1/4	141,324	1/4	132,364	1/4	123,402	1/4	114,440	1/4	104,583	1/4	94,318	1/4	84,034	1/4	73,743
1/2	1/2	1/2	1/2	1/2	141,138	1/2	132,177	1/2	123,216	1/2	114,254	1/2	104,369	1/2	94,104	1/2	83,819	1/2	73,528
3/4	3/4	3/4	3/4	3/4	140,952	3/4	131,991	3/4	123,029	3/4	114,067	3/4	104,155	3/4	93,890	3/4	83,605	3/4	73,314
3	3	3	3	3	140,766	3	131,804	3	122,842	3	113,880	3	103,941	3	93,676	3	83,390	3	73,100
1/4	1/4	1/4	1/4	1/4	140,579	1/4	131,617	1/4	122,655	1/4	113,694	1/4	103,727	1/4	93,463	1/4	83,176	1/4	72,885
1/2	1/2	1/2	1/2	1/2	140,392	1/2	131,431	1/2	122,469	1/2	113,507	1/2	103,514	1/2	93,249	1/2	82,962	1/2	72,671
3/4	3/4	3/4	3/4	3/4	140,206	3/4	131,244	3/4	122,282	3/4	113,320	3/4	103,300	3/4	93,035	3/4	82,747	3/4	72,456
4	4	4	4	4	140,019	4	131,057	4	122,095	4	113,134	4	103,086	4	92,821	4	82,533	4	72,242
1/4	1/4	1/4	1/4	1/4	139,832	1/4	130,870	1/4	121,909	1/4	112,947	1/4	102,872	1/4	92,607	1/4	82,318	1/4	72,028
1/2	1/2	1/2	1/2	1/2	139,645	1/2	130,684	1/2	121,722	1/2	112,760	1/2	102,658	1/2	92,393	1/2	82,104	1/2	71,813
3/4	3/4	3/4	3/4	3/4	139,459	3/4	130,497	3/4	121,535	3/4	112,573	3/4	102,444	3/4	92,179	3/4	81,890	3/4	71,599
5	5	5	5	5	139,272	5	130,310	5	121,348	5	112,387	5	102,230	5	91,966	5	81,675	5	71,384
1/4	1/4	1/4	1/4	1/4	139,085	1/4	130,124	1/4	121,162	1/4	112,200	1/4	102,017	1/4	91,751	1/4	81,461	1/4	71,172
1/2	1/2	1/2	1/2	1/2	138,899	1/2	129,937	1/2	120,975	1/2	112,013	1/2	101,803	1/2	91,537	1/2	81,246	1/2	70,960
3/4	3/4	3/4	3/4	3/4	138,712	3/4	129,750	3/4	120,788	3/4	111,827	3/4	101,589	3/4	91,323	3/4	81,032	3/4	70,748
6	6	6	6	6	138,525	6	129,563	6	120,602	6	111,640	6	101,375	6	91,109	6	80,818	6	70,536
1/4	1/4	1/4	1/4	1/4	138,339	1/4	129,377	1/4	120,415	1/4	111,432	1/4	101,161	1/4	90,894	1/4	80,603	1/4	70,324
1/2	1/2	1/2	1/2	1/2	138,152	1/2	129,190	1/2	120,228	1/2	111,224	1/2	100,947	1/2	90,680	1/2	80,389	1/2	70,113
3/4	3/4	3/4	3/4	3/4	137,965	3/4	129,003	3/4	120,042	3/4	111,016	3/4	100,734	3/4	90,465	3/4	80,175	3/4	69,901
7	7	7	7	7	137,778	7	128,817	7	119,855	7	110,808	7	100,520	7	90,251	7	79,960	7	69,690
1/4	1/4	1/4	1/4	1/4	137,592	1/4	128,630	1/4	119,668	1/4	110,593	1/4	100,306	1/4	90,037	1/4	79,746	1/4	69,478
1/2	1/2	1/2	1/2	1/2	137,405	1/2	128,443	1/2	119,481	1/2	110,378	1/2	100,092	1/2	89,822	1/2	79,531	1/2	69,267
3/4	3/4	3/4	3/4	3/4	137,218	3/4	128,257	3/4	119,295	3/4	110,163	3/4	99,878	3/4	89,608	3/4	79,317	3/4	69,055
8	8	8	8	8	137,032	8	128,070	8	119,108	8	109,948	8	99,664	8	89,393	8	79,103	8	68,844
1/4	1/4	1/4	1/4	1/4	136,845	1/4	127,883	1/4	118,921	1/4	109,733	1/4	99,450	1/4	89,179	1/4	78,888	1/4	68,632
1/2	1/2	1/2	1/2	1/2	136,658	1/2	127,696	1/2	118,735	1/2	109,518	1/2	99,237	1/2	88,965	1/2	78,674	1/2	68,421
3/4	3/4	3/4	3/4	3/4	136,472	3/4	127,510	3/4	118,548	3/4	109,303	3/4	99,023	3/4	88,750	3/4	78,459	3/4	68,209
9	9	9	9	9	136,285	9	127,323	9	118,361	9	109,088	9	98,809	9	88,536	9	78,245	9	67,998
1/4	1/4	1/4	1/4	1/4	136,098	1/4	127,136	1/4	118,175	1/4	108,873	1/4	98,595	1/4	88,321	1/4	78,031	1/4	67,786
1/2	1/2	1/2	1/2	1/2	135,911	1/2	126,950	1/2	117,988	1/2	108,658	1/2	98,381	1/2	88,107	1/2	77,816	1/2	67,575
3/4	3/4	3/4	3/4	3/4	135,725	3/4	126,763	3/4	117,801	3/4	108,443	3/4	98,167	3/4	87,893	3/4	77,602	3/4	67,363
10	10	10	10	10	135,538	10	126,576	10	117,614	10	108,228	10	97,953	10	87,678	10	77,387	10	67,152
1/4	1/4	1/4	1/4	1/4	135,351	1/4	126,389	1/4	117,428	1/4	108,013	1/4	97,740	1/4	87,464	1/4	77,173	1/4	66,940
1/2	1/2	1/2	1/2	1/2	135,165	1/2	126,203	1/2	117,241	1/2	107,798	1/2	97,526	1/2	87,250	1/2	76,959	1/2	66,729
3/4	3/4	3/4	3/4	3/4	134,978	3/4	126,016	3/4	117,054	3/4	107,583	3/4	97,312	3/4	87,035	3/4	76,744	3/4	66,518
11	11	11	11	11	134,791	11	125,829	11	116,868	11	107,369	11	97,098	11	86,821	11	76,530	11	66,306
1/4	1/4	1/4	1/4	1/4	134,604	1/4	125,643	1/4	116,681	1/4	107,154	1/4	96,884	1/4	86,606	1/4	76,315	1/4	66,095
1/2	1/2	1/2	1/2	1/2	134,418	1/2	125,456	1/2	116,494	1/2	106,939	1/2	96,670	1/2	86,392	1/2	76,101	1/2	65,883
3/4	3/4	3/4	3/4	3/4	134,231	3/4	125,269	3/4	116,307	3/4	106,724	3/4	96,457	3/4	86,178	3/4	75,887	3/4	65,672

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "KIRBY 11353"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 132"

GAUGE HEIGHT 16'-05"

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	65,460	0	55,216	0	44,928	0	34,640	0	24,352	0	14,519	0	4,202	0		0		0	
1/4	65,249	1/4	55,001	1/4	44,713	1/4	34,425	1/4	24,137	1/4	14,304	1/4	3,991	1/4		1/4		1/4	
1/2	65,037	1/2	54,787	1/2	44,499	1/2	34,211	1/2	23,923	1/2	14,089	1/2	3,781	1/2		1/2		1/2	
3/4	64,826	3/4	54,573	3/4	44,285	3/4	33,997	3/4	23,709	3/4	13,874	3/4	3,570	3/4		3/4		3/4	
1	64,614	1	54,358	1	44,070	1	33,782	1	23,494	1	13,659	1	3,359	1		1		1	
1/4	64,403	1/4	54,144	1/4	43,856	1/4	33,568	1/4	23,288	1/4	13,444	1/4	3,154	1/4		1/4		1/4	
1/2	64,191	1/2	53,930	1/2	43,642	1/2	33,354	1/2	23,081	1/2	13,229	1/2	2,948	1/2		1/2		1/2	
3/4	63,980	3/4	53,715	3/4	43,427	3/4	33,139	3/4	22,874	3/4	13,014	3/4	2,743	3/4		3/4		3/4	
2	63,768	2	53,501	2	43,213	2	32,925	2	22,668	2	12,799	2	2,537	2		2		2	
1/4	63,557	1/4	53,287	1/4	42,999	1/4	32,711	1/4	22,464	1/4	12,584	1/4	2,338	1/4		1/4		1/4	
1/2	63,345	1/2	53,072	1/2	42,784	1/2	32,496	1/2	22,261	1/2	12,369	1/2	2,138	1/2		1/2		1/2	
3/4	63,134	3/4	52,858	3/4	42,570	3/4	32,282	3/4	22,057	3/4	12,154	3/4	1,939	3/4		3/4		3/4	
3	62,922	3	52,644	3	42,356	3	32,068	3	21,854	3	11,939	3	1,739	3		3		3	
1/4	62,709	1/4	52,429	1/4	42,141	1/4	31,853	1/4	21,651	1/4	11,724	1/4	1,546	1/4		1/4		1/4	
1/2	62,495	1/2	52,215	1/2	41,927	1/2	31,639	1/2	21,448	1/2	11,509	1/2	1,353	1/2		1/2		1/2	
3/4	62,282	3/4	52,001	3/4	41,713	3/4	31,425	3/4	21,246	3/4	11,294	3/4	1,159	3/4		3/4		3/4	
4	62,068	4	51,786	4	41,498	4	31,210	4	21,043	4	11,079	4	966	4		4		4	
1/4	61,854	1/4	51,572	1/4	41,284	1/4	30,996	1/4	20,840	1/4	10,864	1/4	780	1/4		1/4		1/4	
1/2	61,640	1/2	51,358	1/2	41,070	1/2	30,782	1/2	20,638	1/2	10,649	1/2	594	1/2		1/2		1/2	
3/4	61,426	3/4	51,143	3/4	40,855	3/4	30,567	3/4	20,435	3/4	10,435	3/4	408	3/4		3/4		3/4	
5	61,212	5	50,929	5	40,641	5	30,353	5	20,233	5	10,220	5	222	5		5		5	
1/4	60,998	1/4	50,715	1/4	40,427	1/4	30,139	1/4	20,030	1/4	10,005	1/4		1/4		1/4		1/4	
1/2	60,784	1/2	50,500	1/2	40,212	1/2	29,924	1/2	19,828	1/2	9,790	1/2		1/2		1/2		1/2	
3/4	60,570	3/4	50,286	3/4	39,998	3/4	29,710	3/4	19,625	3/4	9,575	3/4		3/4		3/4		3/4	
6	60,356	6	50,072	6	39,784	6	29,496	6	19,423	6	9,360	6		6		6		6	
1/4	60,142	1/4	49,857	1/4	39,569	1/4	29,281	1/4	19,220	1/4	9,145	1/4		1/4		1/4		1/4	
1/2	59,928	1/2	49,643	1/2	39,355	1/2	29,067	1/2	19,017	1/2	8,930	1/2		1/2		1/2		1/2	
3/4	59,714	3/4	49,429	3/4	39,141	3/4	28,853	3/4	18,815	3/4	8,715	3/4		3/4		3/4		3/4	
7	59,499	7	49,214	7	38,926	7	28,638	7	18,612	7	8,500	7		7		7		7	
1/4	59,285	1/4	49,000	1/4	38,712	1/4	28,424	1/4	18,410	1/4	8,285	1/4		1/4		1/4		1/4	
1/2	59,071	1/2	48,786	1/2	38,498	1/2	28,210	1/2	18,207	1/2	8,070	1/2		1/2		1/2		1/2	
3/4	58,857	3/4	48,571	3/4	38,283	3/4	27,995	3/4	18,005	3/4	7,855	3/4		3/4		3/4		3/4	
8	58,643	8	48,357	8	38,069	8	27,781	8	17,802	8	7,640	8		8		8		8	
1/4	58,429	1/4	48,143	1/4	37,855	1/4	27,567	1/4	17,600	1/4	7,425	1/4		1/4		1/4		1/4	
1/2	58,215	1/2	47,928	1/2	37,640	1/2	27,352	1/2	17,397	1/2	7,210	1/2		1/2		1/2		1/2	
3/4	58,001	3/4	47,714	3/4	37,426	3/4	27,138	3/4	17,194	3/4	6,995	3/4		3/4		3/4		3/4	
9	57,787	9	47,500	9	37,212	9	26,924	9	16,992	9	6,780	9		9		9		9	
1/4	57,573	1/4	47,285	1/4	36,997	1/4	26,709	1/4	16,789	1/4	6,565	1/4		1/4		1/4		1/4	
1/2	57,359	1/2	47,071	1/2	36,783	1/2	26,495	1/2	16,587	1/2	6,350	1/2		1/2		1/2		1/2	
3/4	57,144	3/4	46,857	3/4	36,569	3/4	26,281	3/4	16,384	3/4	6,135	3/4		3/4		3/4		3/4	
10	56,930	10	46,642	10	36,354	10	26,066	10	16,182	10	5,920	10		10		10		10	
1/4	56,716	1/4	46,428	1/4	36,140	1/4	25,852	1/4	15,978	1/4	5,705	1/4		1/4		1/4		1/4	
1/2	56,502	1/2	46,214	1/2	35,926	1/2	25,638	1/2	15,775	1/2	5,490	1/2		1/2		1/2		1/2	
3/4	56,287	3/4	45,999	3/4	35,711	3/4	25,423	3/4	15,571	3/4	5,275	3/4		3/4		3/4		3/4	
11	56,073	11	45,785	11	35,497	11	25,209	11	15,368	11	5,060	11		11		11		11	
1/4	55,859	1/4	45,571	1/4	35,283	1/4	24,995	1/4	15,156	1/4	4,846	1/4		1/4		1/4		1/4	
1/2	55,644	1/2	45,356	1/2	35,068	1/2	24,780	1/2	14,943	1/2	4,631	1/2		1/2		1/2		1/2	
3/4	55,430	3/4	45,142	3/4	34,854	3/4	24,566	3/4	14,731	3/4	4,417	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2016 CL  
CALCULATED: 01/06/2016 CL  
NAME CHANGE: 02/10/2021

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2021

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "KIRBY 11353"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 132"

GAUGE HEIGHT 16'-05 1/2"

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	IN	OUT
0		0		0	167,862	0	156,285	0	144,665	0	133,045	0	121,424	0	109,804	0	98,184	0	86,564		
1/4	1/4	1/4	1/4	1/4	167,624	1/4	156,043	1/4	144,423	1/4	132,802	1/4	121,182	1/4	109,562	1/4	97,942	1/4	86,322		
1/2	1/2	1/2	1/2	1/2	167,386	1/2	155,801	1/2	144,181	1/2	132,560	1/2	120,940	1/2	109,320	1/2	97,700	1/2	86,080		
3/4	3/4	3/4	3/4	3/4	167,148	3/4	155,559	3/4	143,938	3/4	132,318	3/4	120,698	3/4	109,078	3/4	97,458	3/4	85,838		
1		1		1	166,909	1	155,316	1	143,696	1	132,076	1	120,456	1	108,836	1	97,216	1	85,596		
1/4	1/4	1/4	1/4	1/4	166,671	1/4	155,074	1/4	143,454	1/4	131,834	1/4	120,214	1/4	108,594	1/4	96,974	1/4	85,354		
1/2	1/2	1/2	1/2	1/2	166,433	1/2	154,832	1/2	143,212	1/2	131,592	1/2	119,972	1/2	108,352	1/2	96,732	1/2	85,111		
3/4	3/4	3/4	3/4	3/4	166,195	3/4	154,590	3/4	142,970	3/4	131,350	3/4	119,730	3/4	108,110	3/4	96,489	3/4	84,869		
2		2		2	165,957	2	154,348	2	142,728	2	131,108	2	119,488	2	107,868	2	96,247	2	84,627		
1/4	1/4	1/4	1/4	1/4	165,718	1/4	154,106	1/4	142,486	1/4	130,866	1/4	119,246	1/4	107,625	1/4	96,005	1/4	84,385		
1/2	1/2	1/2	1/2	1/2	165,480	1/2	153,864	1/2	142,244	1/2	130,624	1/2	119,004	1/2	107,383	1/2	95,763	1/2	84,143		
3/4	3/4	3/4	3/4	3/4	165,239	3/4	153,622	3/4	142,002	3/4	130,382	3/4	118,761	3/4	107,141	3/4	95,521	3/4	83,901		
3		3	174,017	3	164,998	3	153,380	3	141,760	3	130,139	3	118,519	3	106,899	3	95,279	3	83,659		
1/4	1/4	1/4	1/4	1/4	164,757	1/4	153,138	1/4	141,518	1/4	129,897	1/4	118,277	1/4	106,657	1/4	95,037	1/4	83,417		
1/2	1/2	1/2	1/2	1/2	164,516	1/2	152,896	1/2	141,275	1/2	129,655	1/2	118,035	1/2	106,415	1/2	94,795	1/2	83,175		
3/4	3/4	3/4	3/4	3/4	164,274	3/4	152,654	3/4	141,033	3/4	129,413	3/4	117,793	3/4	106,173	3/4	94,553	3/4	82,933		
4		4	173,887	4	164,032	4	152,411	4	140,791	4	129,171	4	117,551	4	105,931	4	94,311	4	82,691		
1/4	1/4	1/4	1/4	1/4	163,790	1/4	152,169	1/4	140,549	1/4	128,929	1/4	117,309	1/4	105,689	1/4	94,069	1/4	82,448		
1/2	1/2	1/2	1/2	1/2	163,547	1/2	151,927	1/2	140,307	1/2	128,687	1/2	117,067	1/2	105,447	1/2	93,827	1/2	82,206		
3/4	3/4	3/4	3/4	3/4	163,305	3/4	151,685	3/4	140,065	3/4	128,445	3/4	116,825	3/4	105,205	3/4	93,584	3/4	81,964		
5		5	173,607	5	163,063	5	151,443	5	139,823	5	128,203	5	116,583	5	104,963	5	93,342	5	81,722		
1/4	1/4	1/4	1/4	1/4	162,821	1/4	151,201	1/4	139,581	1/4	127,961	1/4	116,341	1/4	104,720	1/4	93,100	1/4	81,480		
1/2	1/2	1/2	1/2	1/2	162,579	1/2	150,959	1/2	139,339	1/2	127,719	1/2	116,098	1/2	104,478	1/2	92,858	1/2	81,238		
3/4	3/4	3/4	3/4	3/4	162,337	3/4	150,717	3/4	139,097	3/4	127,477	3/4	115,856	3/4	104,236	3/4	92,616	3/4	80,996		
6		6	173,138	6	162,095	6	150,475	6	138,855	6	127,234	6	115,614	6	103,994	6	92,374	6	80,754		
1/4	1/4	1/4	1/4	1/4	161,853	1/4	150,233	1/4	138,613	1/4	126,992	1/4	115,372	1/4	103,752	1/4	92,132	1/4	80,512		
1/2	1/2	1/2	1/2	1/2	161,611	1/2	149,991	1/2	138,370	1/2	126,750	1/2	115,130	1/2	103,510	1/2	91,890	1/2	80,270		
3/4	3/4	3/4	3/4	3/4	161,369	3/4	149,748	3/4	138,128	3/4	126,508	3/4	114,888	3/4	103,268	3/4	91,648	3/4	80,028		
7		7	172,476	7	161,127	7	149,506	7	137,886	7	126,266	7	114,646	7	103,026	7	91,406	7	79,786		
1/4	1/4	1/4	1/4	1/4	160,884	1/4	149,264	1/4	137,644	1/4	126,024	1/4	114,404	1/4	102,784	1/4	91,164	1/4	79,543		
1/2	1/2	1/2	1/2	1/2	160,642	1/2	149,022	1/2	137,402	1/2	125,782	1/2	114,162	1/2	102,542	1/2	90,921	1/2	79,301		
3/4	3/4	3/4	3/4	3/4	160,400	3/4	148,780	3/4	137,160	3/4	125,540	3/4	113,920	3/4	102,300	3/4	90,679	3/4	79,059		
8		8	171,643	8	160,158	8	148,538	8	136,918	8	125,298	8	113,678	8	102,057	8	90,437	8	78,817		
1/4	1/4	1/4	1/4	1/4	159,916	1/4	148,296	1/4	136,676	1/4	125,056	1/4	113,436	1/4	101,815	1/4	90,195	1/4	78,575		
1/2	1/2	1/2	1/2	1/2	159,674	1/2	148,054	1/2	136,434	1/2	124,814	1/2	113,193	1/2	101,573	1/2	89,953	1/2	78,333		
3/4	3/4	3/4	3/4	3/4	159,432	3/4	147,812	3/4	136,192	3/4	124,572	3/4	112,951	3/4	101,331	3/4	89,711	3/4	78,091		
9		9	170,716	9	159,190	9	147,570	9	135,950	9	124,329	9	112,709	9	101,089	9	89,469	9	77,849		
1/4	1/4	1/4	1/4	1/4	158,948	1/4	147,328	1/4	135,707	1/4	124,087	1/4	112,467	1/4	100,847	1/4	89,227	1/4	77,607		
1/2	1/2	1/2	1/2	1/2	158,706	1/2	147,086	1/2	135,465	1/2	123,845	1/2	112,225	1/2	100,605	1/2	88,985	1/2	77,365		
3/4	3/4	3/4	3/4	3/4	158,464	3/4	146,843	3/4	135,223	3/4	123,603	3/4	111,983	3/4	100,363	3/4	88,743	3/4	77,123		
10		10	169,767	10	158,222	10	146,601	10	134,981	10	123,361	10	111,741	10	100,121	10	88,501	10	76,880		
1/4	1/4	1/4	1/4	1/4	157,979	1/4	146,359	1/4	134,739	1/4	123,119	1/4	111,499	1/4	99,879	1/4	88,259	1/4	76,638		
1/2	1/2	1/2	1/2	1/2	157,737	1/2	146,117	1/2	134,497	1/2	122,877	1/2	111,257	1/2	99,637	1/2	88,016	1/2	76,396		
3/4	3/4	3/4	3/4	3/4	157,495	3/4	145,875	3/4	134,255	3/4	122,635	3/4	111,015	3/4	99,395	3/4	87,774	3/4	76,154		
11		11	168,815	11	157,253	11	145,633	11	134,013	11	122,393	11	110,773	11	99,152	11	87,532	11	75,912		
1/4	1/4	1/4	1/4	1/4	157,011	1/4	145,391	1/4	133,771	1/4	122,151	1/4	110,530	1/4	98,910	1/4	87,290	1/4	75,670		
1/2	1/2	1/2	1/2	1/2	156,769	1/2	145,149	1/2	133,529	1/2	121,909	1/2	110,288	1/2	98,668	1/2	87,048	1/2	75,428		
3/4	3/4	3/4	3/4	3/4	156,527	3/4	144,907	3/4	133,287	3/4	121,666	3/4	110,046	3/4	98,426	3/4	86,806	3/4	75,186		

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 35'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 11353"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 132"

GAUGE HEIGHT 16'-05 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	74,944	0	63,324	0	51,703	0	40,083	0	28,463	0	17,175	0	5,559	0		0		0	
1/4	74,702	1/4	63,082	1/4	51,461	1/4	39,841	1/4	28,221	1/4	16,935	1/4	5,317	1/4		1/4		1/4	
1/2	74,460	1/2	62,839	1/2	51,219	1/2	39,599	1/2	27,979	1/2	16,695	1/2	5,075	1/2		1/2		1/2	
3/4	74,218	3/4	62,597	3/4	50,977	3/4	39,357	3/4	27,737	3/4	16,452	3/4	4,833	3/4		3/4		3/4	
1	73,975	1	62,355	1	50,735	1	39,115	1	27,495	1	16,210	1	4,591	1		1		1	
1/4	73,733	1/4	62,113	1/4	50,493	1/4	38,873	1/4	27,253	1/4	15,968	1/4	4,349	1/4		1/4		1/4	
1/2	73,491	1/2	61,871	1/2	50,251	1/2	38,631	1/2	27,011	1/2	15,726	1/2	4,107	1/2		1/2		1/2	
3/4	73,249	3/4	61,629	3/4	50,009	3/4	38,389	3/4	26,775	3/4	15,484	3/4	3,866	3/4		3/4		3/4	
2	73,007	2	61,387	2	49,767	2	38,147	2	26,539	2	15,242	2	3,624	2		2		2	
1/4	72,765	1/4	61,145	1/4	49,525	1/4	37,905	1/4	26,303	1/4	15,000	1/4	3,383	1/4		1/4		1/4	
1/2	72,523	1/2	60,903	1/2	49,283	1/2	37,662	1/2	26,066	1/2	14,758	1/2	3,141	1/2		1/2		1/2	
3/4	72,281	3/4	60,661	3/4	49,041	3/4	37,420	3/4	25,833	3/4	14,516	3/4	2,901	3/4		3/4		3/4	
3	72,039	3	60,419	3	48,798	3	37,178	3	25,599	3	14,274	3	2,660	3		3		3	
1/4	71,797	1/4	60,177	1/4	48,556	1/4	36,936	1/4	25,365	1/4	14,032	1/4	2,420	1/4		1/4		1/4	
1/2	71,555	1/2	59,934	1/2	48,314	1/2	36,694	1/2	25,131	1/2	13,790	1/2	2,179	1/2		1/2		1/2	
3/4	71,312	3/4	59,692	3/4	48,072	3/4	36,452	3/4	24,897	3/4	13,548	3/4	1,940	3/4		3/4		3/4	
4	71,070	4	59,450	4	47,830	4	36,210	4	24,664	4	13,305	4	1,700	4		4		4	
1/4	70,828	1/4	59,208	1/4	47,588	1/4	35,968	1/4	24,430	1/4	13,063	1/4	1,461	1/4		1/4		1/4	
1/2	70,586	1/2	58,966	1/2	47,346	1/2	35,726	1/2	24,196	1/2	12,821	1/2	1,222	1/2		1/2		1/2	
3/4	70,344	3/4	58,724	3/4	47,104	3/4	35,484	3/4	23,963	3/4	12,579	3/4	985	3/4		3/4		3/4	
5	70,102	5	58,482	5	46,862	5	35,242	5	23,729	5	12,337	5	748	5		5		5	
1/4	69,860	1/4	58,240	1/4	46,620	1/4	35,000	1/4	23,495	1/4	12,095	1/4	511	1/4		1/4		1/4	
1/2	69,618	1/2	57,998	1/2	46,378	1/2	34,757	1/2	23,262	1/2	11,853	1/2	274	1/2		1/2		1/2	
3/4	69,376	3/4	57,756	3/4	46,136	3/4	34,515	3/4	23,028	3/4	11,611	3/4		3/4		3/4		3/4	
6	69,134	6	57,514	6	45,893	6	34,273	6	22,795	6	11,369	6		6		6		6	
1/4	68,892	1/4	57,271	1/4	45,651	1/4	34,031	1/4	22,561	1/4	11,127	1/4		1/4		1/4		1/4	
1/2	68,650	1/2	57,029	1/2	45,409	1/2	33,789	1/2	22,327	1/2	10,885	1/2		1/2		1/2		1/2	
3/4	68,407	3/4	56,787	3/4	45,167	3/4	33,547	3/4	22,094	3/4	10,643	3/4		3/4		3/4		3/4	
7	68,165	7	56,545	7	44,925	7	33,305	7	21,860	7	10,401	7		7		7		7	
1/4	67,923	1/4	56,303	1/4	44,683	1/4	33,063	1/4	21,627	1/4	10,158	1/4		1/4		1/4		1/4	
1/2	67,681	1/2	56,061	1/2	44,441	1/2	32,821	1/2	21,393	1/2	9,916	1/2		1/2		1/2		1/2	
3/4	67,439	3/4	55,819	3/4	44,199	3/4	32,579	3/4	21,159	3/4	9,674	3/4		3/4		3/4		3/4	
8	67,197	8	55,577	8	43,957	8	32,337	8	20,926	8	9,432	8		8		8		8	
1/4	66,955	1/4	55,335	1/4	43,715	1/4	32,094	1/4	20,692	1/4	9,190	1/4		1/4		1/4		1/4	
1/2	66,713	1/2	55,093	1/2	43,473	1/2	31,852	1/2	20,459	1/2	8,948	1/2		1/2		1/2		1/2	
3/4	66,471	3/4	54,851	3/4	43,230	3/4	31,610	3/4	20,225	3/4	8,706	3/4		3/4		3/4		3/4	
9	66,229	9	54,609	9	42,988	9	31,368	9	19,991	9	8,464	9		9		9		9	
1/4	65,987	1/4	54,366	1/4	42,746	1/4	31,126	1/4	19,758	1/4	8,222	1/4		1/4		1/4		1/4	
1/2	65,745	1/2	54,124	1/2	42,504	1/2	30,884	1/2	19,524	1/2	7,980	1/2		1/2		1/2		1/2	
3/4	65,502	3/4	53,882	3/4	42,262	3/4	30,642	3/4	19,291	3/4	7,738	3/4		3/4		3/4		3/4	
10	65,260	10	53,640	10	42,020	10	30,400	10	19,057	10	7,496	10		10		10		10	
1/4	65,018	1/4	53,398	1/4	41,778	1/4	30,158	1/4	18,823	1/4	7,254	1/4		1/4		1/4		1/4	
1/2	64,776	1/2	53,156	1/2	41,536	1/2	29,916	1/2	18,590	1/2	7,011	1/2		1/2		1/2		1/2	
3/4	64,534	3/4	52,914	3/4	41,294	3/4	29,674	3/4	18,356	3/4	6,769	3/4		3/4		3/4		3/4	
11	64,292	11	52,672	11	41,052	11	29,432	11	18,122	11	6,527	11		11		11		11	
1/4	64,050	1/4	52,430	1/4	40,810	1/4	29,189	1/4	17,888	1/4	6,285	1/4		1/4		1/4		1/4	
1/2	63,808	1/2	52,188	1/2	40,568	1/2	28,947	1/2	17,655	1/2	6,043	1/2		1/2		1/2		1/2	
3/4	63,566	3/4	51,946	3/4	40,325	3/4	28,705	3/4	17,415	3/4	5,801	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2016 CL  
CALCULATED: 01/06/2016 CL  
NAME CHANGE: 02/10/2021

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2021

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



# BARGE "KIRBY 11353"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 132"

GAUGE HEIGHT 16'-05 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	149,330	0	139,047	0	128,727	0	118,406	0	108,085	0	97,764	0	87,444	0	77,123
1/4	1/4	1/4	1/4	1/4	149,118	1/4	138,832	1/4	128,512	1/4	118,191	1/4	107,870	1/4	97,549	1/4	87,229	1/4	76,908
1/2	1/2	1/2	1/2	1/2	148,907	1/2	138,617	1/2	128,297	1/2	117,976	1/2	107,655	1/2	97,334	1/2	87,014	1/2	76,693
3/4	3/4	3/4	3/4	3/4	148,695	3/4	138,402	3/4	128,082	3/4	117,761	3/4	107,440	3/4	97,119	3/4	86,799	3/4	76,478
1	1	1	1	1	148,484	1	138,187	1	127,867	1	117,546	1	107,225	1	96,904	1	86,584	1	76,263
1/4	1/4	1/4	1/4	1/4	148,272	1/4	137,972	1/4	127,652	1/4	117,331	1/4	107,010	1/4	96,689	1/4	86,369	1/4	76,048
1/2	1/2	1/2	1/2	1/2	148,061	1/2	137,757	1/2	127,437	1/2	117,116	1/2	106,795	1/2	96,474	1/2	86,153	1/2	75,833
3/4	3/4	3/4	3/4	3/4	147,849	3/4	137,542	3/4	127,222	3/4	116,901	3/4	106,580	3/4	96,259	3/4	85,938	3/4	75,618
2	2	2	2	2	147,638	2	137,327	2	127,007	2	116,686	2	106,365	2	96,044	2	85,723	2	75,403
1/4	1/4	1/4	1/4	1/4	147,426	1/4	137,112	1/4	126,792	1/4	116,471	1/4	106,150	1/4	95,829	1/4	85,508	1/4	75,188
1/2	1/2	1/2	1/2	1/2	147,215	1/2	136,897	1/2	126,577	1/2	116,256	1/2	105,935	1/2	95,614	1/2	85,293	1/2	74,973
3/4	3/4	3/4	3/4	3/4	147,000	3/4	136,682	3/4	126,361	3/4	116,041	3/4	105,720	3/4	95,399	3/4	85,078	3/4	74,758
3	3	154,796	3	146,786	3	136,467	3	126,146	3	115,826	3	105,505	3	95,184	3	84,863	3	74,543	
1/4	1/4	154,780	1/4	146,572	1/4	136,252	1/4	125,931	1/4	115,611	1/4	105,290	1/4	94,969	1/4	84,648	1/4	74,328	
1/2	1/2	154,763	1/2	146,358	1/2	136,037	1/2	125,716	1/2	115,396	1/2	105,075	1/2	94,754	1/2	84,433	1/2	74,113	
3/4	3/4	154,722	3/4	146,143	3/4	135,822	3/4	125,501	3/4	115,181	3/4	104,860	3/4	94,539	3/4	84,218	3/4	73,898	
4	4	154,680	4	145,928	4	135,607	4	125,286	4	114,966	4	104,645	4	94,324	4	84,003	4	73,683	
1/4	1/4	154,638	1/4	145,713	1/4	135,392	1/4	125,071	1/4	114,751	1/4	104,430	1/4	94,109	1/4	83,788	1/4	73,468	
1/2	1/2	154,597	1/2	145,498	1/2	135,177	1/2	124,856	1/2	114,536	1/2	104,215	1/2	93,894	1/2	83,573	1/2	73,253	
3/4	3/4	154,514	3/4	145,283	3/4	134,962	3/4	124,641	3/4	114,321	3/4	104,000	3/4	93,679	3/4	83,358	3/4	73,038	
5	5	154,432	5	145,068	5	134,747	5	124,426	5	114,106	5	103,785	5	93,464	5	83,143	5	72,823	
1/4	1/4	154,349	1/4	144,853	1/4	134,532	1/4	124,211	1/4	113,891	1/4	103,570	1/4	93,249	1/4	82,928	1/4	72,607	
1/2	1/2	154,267	1/2	144,638	1/2	134,317	1/2	123,996	1/2	113,676	1/2	103,355	1/2	93,034	1/2	82,713	1/2	72,392	
3/4	3/4	154,141	3/4	144,423	3/4	134,102	3/4	123,781	3/4	113,461	3/4	103,140	3/4	92,819	3/4	82,498	3/4	72,177	
6	6	154,016	6	144,208	6	133,887	6	123,566	6	113,246	6	102,925	6	92,604	6	82,283	6	71,962	
1/4	1/4	153,890	1/4	143,993	1/4	133,672	1/4	123,351	1/4	113,030	1/4	102,710	1/4	92,389	1/4	82,068	1/4	71,747	
1/2	1/2	153,765	1/2	143,778	1/2	133,457	1/2	123,136	1/2	112,815	1/2	102,495	1/2	92,174	1/2	81,853	1/2	71,532	
3/4	3/4	153,596	3/4	143,563	3/4	133,242	3/4	122,921	3/4	112,600	3/4	102,280	3/4	91,959	3/4	81,638	3/4	71,317	
7	7	153,427	7	143,348	7	133,027	7	122,706	7	112,385	7	102,065	7	91,744	7	81,423	7	71,102	
1/4	1/4	153,259	1/4	143,133	1/4	132,812	1/4	122,491	1/4	112,170	1/4	101,850	1/4	91,529	1/4	81,208	1/4	70,887	
1/2	1/2	153,090	1/2	142,918	1/2	132,597	1/2	122,276	1/2	111,955	1/2	101,635	1/2	91,314	1/2	80,993	1/2	70,672	
3/4	3/4	152,889	3/4	142,703	3/4	132,382	3/4	122,061	3/4	111,740	3/4	101,420	3/4	91,099	3/4	80,778	3/4	70,457	
8	8	152,688	8	142,488	8	132,167	8	121,846	8	111,525	8	101,205	8	90,884	8	80,563	8	70,242	
1/4	1/4	152,487	1/4	142,273	1/4	131,952	1/4	121,631	1/4	111,310	1/4	100,990	1/4	90,669	1/4	80,348	1/4	70,027	
1/2	1/2	152,285	1/2	142,058	1/2	131,737	1/2	121,416	1/2	111,095	1/2	100,775	1/2	90,454	1/2	80,133	1/2	69,812	
3/4	3/4	152,075	3/4	141,843	3/4	131,522	3/4	121,201	3/4	110,880	3/4	100,560	3/4	90,239	3/4	79,918	3/4	69,597	
9	9	151,865	9	141,628	9	131,307	9	120,986	9	110,665	9	100,345	9	90,024	9	79,703	9	69,382	
1/4	1/4	151,655	1/4	141,413	1/4	131,092	1/4	120,771	1/4	110,450	1/4	100,130	1/4	89,809	1/4	79,488	1/4	69,167	
1/2	1/2	151,444	1/2	141,198	1/2	130,877	1/2	120,556	1/2	110,235	1/2	99,915	1/2	89,594	1/2	79,273	1/2	68,952	
3/4	3/4	151,233	3/4	140,983	3/4	130,662	3/4	120,341	3/4	110,020	3/4	99,700	3/4	89,379	3/4	79,058	3/4	68,737	
10	10	151,022	10	140,768	10	130,447	10	120,126	10	109,805	10	99,484	10	89,164	10	78,843	10	68,522	
1/4	1/4	150,810	1/4	140,553	1/4	130,232	1/4	119,911	1/4	109,590	1/4	99,269	1/4	88,949	1/4	78,628	1/4	68,307	
1/2	1/2	150,599	1/2	140,338	1/2	130,017	1/2	119,696	1/2	109,375	1/2	99,054	1/2	88,734	1/2	78,413	1/2	68,092	
3/4	3/4	150,388	3/4	140,123	3/4	129,802	3/4	119,481	3/4	109,160	3/4	98,839	3/4	88,519	3/4	78,198	3/4	67,877	
11	11	150,176	11	139,907	11	129,587	11	119,266	11	108,945	11	98,624	11	88,304	11	77,983	11	67,662	
1/4	1/4	149,965	1/4	139,692	1/4	129,372	1/4	119,051	1/4	108,730	1/4	98,409	1/4	88,089	1/4	77,768	1/4	67,447	
1/2	1/2	149,753	1/2	139,477	1/2	129,157	1/2	118,836	1/2	108,515	1/2	98,194	1/2	87,874	1/2	77,553	1/2	67,232	
3/4	3/4	149,542	3/4	139,262	3/4	128,942	3/4	118,621	3/4	108,300	3/4	97,979	3/4	87,659	3/4	77,338	3/4	67,017	

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 28'-06" 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 11353"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 132"

GAUGE HEIGHT 16'-05 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	66,802	0	56,481	0	46,161	0	35,840	0	25,519	0	15,261	0	4,941	0		0		0	
1/4	66,587	1/4	56,266	1/4	45,946	1/4	35,625	1/4	25,304	1/4	15,047	1/4	4,726	1/4	1/4		1/4		1/4
1/2	66,372	1/2	56,051	1/2	45,730	1/2	35,410	1/2	25,089	1/2	14,832	1/2	4,511	1/2	1/2		1/2		1/2
3/4	66,157	3/4	55,836	3/4	45,515	3/4	35,195	3/4	24,874	3/4	14,617	3/4	4,297	3/4	3/4		3/4		3/4
1	65,942	1	55,621	1	45,300	1	34,980	1	24,660	1	14,402	1	4,082	1	1		1		1
1/4	65,727	1/4	55,406	1/4	45,085	1/4	34,765	1/4	24,445	1/4	14,187	1/4	3,867	1/4	1/4		1/4		1/4
1/2	65,512	1/2	55,191	1/2	44,870	1/2	34,550	1/2	24,231	1/2	13,972	1/2	3,652	1/2	1/2		1/2		1/2
3/4	65,297	3/4	54,976	3/4	44,655	3/4	34,335	3/4	24,016	3/4	13,757	3/4	3,438	3/4	3/4		3/4		3/4
2	65,082	2	54,761	2	44,440	2	34,120	2	23,802	2	13,542	2	3,223	2	2		2		2
1/4	64,867	1/4	54,546	1/4	44,225	1/4	33,905	1/4	23,588	1/4	13,327	1/4	3,009	1/4	1/4		1/4		1/4
1/2	64,652	1/2	54,331	1/2	44,010	1/2	33,690	1/2	23,374	1/2	13,112	1/2	2,794	1/2	1/2		1/2		1/2
3/4	64,437	3/4	54,116	3/4	43,795	3/4	33,475	3/4	23,160	3/4	12,897	3/4	2,581	3/4	3/4		3/4		3/4
3	64,222	3	53,901	3	43,580	3	33,260	3	22,946	3	12,682	3	2,367	3	3		3		3
1/4	64,007	1/4	53,686	1/4	43,365	1/4	33,045	1/4	22,733	1/4	12,467	1/4	2,153	1/4	1/4		1/4		1/4
1/2	63,792	1/2	53,471	1/2	43,150	1/2	32,830	1/2	22,519	1/2	12,252	1/2	1,940	1/2	1/2		1/2		1/2
3/4	63,577	3/4	53,256	3/4	42,935	3/4	32,615	3/4	22,305	3/4	12,037	3/4	1,727	3/4	3/4		3/4		3/4
4	63,362	4	53,041	4	42,720	4	32,399	4	22,092	4	11,822	4	1,514	4	4		4		4
1/4	63,147	1/4	52,826	1/4	42,505	1/4	32,184	1/4	21,878	1/4	11,607	1/4	1,302	1/4	1/4		1/4		1/4
1/2	62,932	1/2	52,611	1/2	42,290	1/2	31,969	1/2	21,665	1/2	11,392	1/2	1,089	1/2	1/2		1/2		1/2
3/4	62,717	3/4	52,396	3/4	42,075	3/4	31,754	3/4	21,452	3/4	11,177	3/4	879	3/4	3/4		3/4		3/4
5	62,502	5	52,181	5	41,860	5	31,539	5	21,238	5	10,962	5	668	5	5		5		5
1/4	62,287	1/4	51,966	1/4	41,645	1/4	31,324	1/4	21,025	1/4	10,747	1/4	458	1/4	1/4		1/4		1/4
1/2	62,072	1/2	51,751	1/2	41,430	1/2	31,109	1/2	20,812	1/2	10,532	1/2	247	1/2	1/2		1/2		1/2
3/4	61,857	3/4	51,536	3/4	41,215	3/4	30,894	3/4	20,598	3/4	10,317	3/4		3/4	3/4		3/4		3/4
6	61,642	6	51,321	6	41,000	6	30,679	6	20,385	6	10,102	6		6	6		6		6
1/4	61,427	1/4	51,106	1/4	40,785	1/4	30,464	1/4	20,172	1/4	9,887	1/4		1/4	1/4		1/4		1/4
1/2	61,212	1/2	50,891	1/2	40,570	1/2	30,249	1/2	19,958	1/2	9,672	1/2		1/2	1/2		1/2		1/2
3/4	60,997	3/4	50,676	3/4	40,355	3/4	30,034	3/4	19,745	3/4	9,457	3/4		3/4	3/4		3/4		3/4
7	60,782	7	50,461	7	40,140	7	29,819	7	19,532	7	9,242	7		7	7		7		7
1/4	60,567	1/4	50,246	1/4	39,925	1/4	29,604	1/4	19,318	1/4	9,027	1/4		1/4	1/4		1/4		1/4
1/2	60,352	1/2	50,031	1/2	39,710	1/2	29,389	1/2	19,105	1/2	8,812	1/2		1/2	1/2		1/2		1/2
3/4	60,137	3/4	49,816	3/4	39,495	3/4	29,174	3/4	18,892	3/4	8,597	3/4		3/4	3/4		3/4		3/4
8	59,922	8	49,601	8	39,280	8	28,959	8	18,679	8	8,382	8		8	8		8		8
1/4	59,707	1/4	49,386	1/4	39,065	1/4	28,744	1/4	18,465	1/4	8,167	1/4		1/4	1/4		1/4		1/4
1/2	59,492	1/2	49,171	1/2	38,850	1/2	28,529	1/2	18,252	1/2	7,952	1/2		1/2	1/2		1/2		1/2
3/4	59,277	3/4	48,956	3/4	38,635	3/4	28,314	3/4	18,039	3/4	7,737	3/4		3/4	3/4		3/4		3/4
9	59,061	9	48,741	9	38,420	9	28,099	9	17,825	9	7,522	9		9	9		9		9
1/4	58,846	1/4	48,526	1/4	38,205	1/4	27,884	1/4	17,612	1/4	7,307	1/4		1/4	1/4		1/4		1/4
1/2	58,631	1/2	48,311	1/2	37,990	1/2	27,669	1/2	17,399	1/2	7,092	1/2		1/2	1/2		1/2		1/2
3/4	58,416	3/4	48,096	3/4	37,775	3/4	27,454	3/4	17,185	3/4	6,877	3/4		3/4	3/4		3/4		3/4
10	58,201	10	47,881	10	37,560	10	27,239	10	16,972	10	6,662	10		10	10		10		10
1/4	57,986	1/4	47,666	1/4	37,345	1/4	27,024	1/4	16,759	1/4	6,447	1/4		1/4	1/4		1/4		1/4
1/2	57,771	1/2	47,451	1/2	37,130	1/2	26,809	1/2	16,546	1/2	6,232	1/2		1/2	1/2		1/2		1/2
3/4	57,556	3/4	47,236	3/4	36,915	3/4	26,594	3/4	16,332	3/4	6,017	3/4		3/4	3/4		3/4		3/4
11	57,341	11	47,021	11	36,700	11	26,379	11	16,118	11	5,802	11		11	11		11		11
1/4	57,126	1/4	46,806	1/4	36,485	1/4	26,164	1/4	15,904	1/4	5,587	1/4		1/4	1/4		1/4		1/4
1/2	56,911	1/2	46,591	1/2	36,270	1/2	25,949	1/2	15,691	1/2	5,372	1/2		1/2	1/2		1/2		1/2
3/4	56,696	3/4	46,376	3/4	36,055	3/4	25,734	3/4	15,476	3/4	5,156	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/06/2016 CL  
CALCULATED: 01/06/2016 CL  
NAME CHANGE: 02/10/2021

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2021

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