



BARGE "KIRBY 11342"

ULLAGE TRIM TABLE
FORMERLY "CGBM 118"

	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	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	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"

March 8, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 11342"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 118"

GAUGE HEIGHT 16'-03 3/4"

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	144,725	0	134,538	0	124,342	0	114,146	0	103,955	0	93,813	0	83,654	0	73,486
1/4	1/4	1/4	1/4	1/4	144,516	1/4	134,326	1/4	124,130	1/4	113,933	1/4	103,744	1/4	93,602	1/4	83,442	1/4	73,274
1/2	1/2	1/2	1/2	1/2	144,307	1/2	134,113	1/2	123,917	1/2	113,721	1/2	103,533	1/2	93,391	1/2	83,230	1/2	73,062
3/4	3/4	3/4	3/4	3/4	144,097	3/4	133,901	3/4	123,705	3/4	113,509	3/4	103,321	3/4	93,180	3/4	83,018	3/4	72,850
1	1	1	1	1	143,885	1	133,688	1	123,492	1	113,296	1	103,110	1	92,968	1	82,806	1	72,639
1/4	1/4	1/4	1/4	1/4	143,672	1/4	133,476	1/4	123,280	1/4	113,084	1/4	102,899	1/4	92,757	1/4	82,595	1/4	72,427
1/2	1/2	1/2	1/2	1/2	151,392	1/2	143,460	1/2	123,067	1/2	112,871	1/2	102,688	1/2	92,546	1/2	82,383	1/2	72,215
3/4	3/4	3/4	3/4	3/4	151,386	3/4	143,247	3/4	122,855	3/4	112,659	3/4	102,476	3/4	92,334	3/4	82,171	3/4	72,003
2	2	2	2	2	151,357	2	143,035	2	122,643	2	112,446	2	102,265	2	92,123	2	81,959	2	71,791
1/4	1/4	1/4	1/4	1/4	151,329	1/4	142,823	1/4	122,430	1/4	112,234	1/4	102,054	1/4	91,912	1/4	81,747	1/4	71,579
1/2	1/2	1/2	1/2	1/2	151,300	1/2	142,610	1/2	122,218	1/2	112,022	1/2	101,842	1/2	91,701	1/2	81,535	1/2	71,368
3/4	3/4	3/4	3/4	3/4	151,271	3/4	142,398	3/4	122,005	3/4	111,809	3/4	101,631	3/4	91,489	3/4	81,324	3/4	71,156
3	3	3	3	3	151,199	3	142,185	3	121,793	3	111,597	3	101,420	3	91,278	3	81,112	3	70,944
1/4	1/4	1/4	1/4	1/4	151,128	1/4	141,973	1/4	121,580	1/4	111,384	1/4	101,209	1/4	91,067	1/4	80,900	1/4	70,732
1/2	1/2	1/2	1/2	1/2	151,057	1/2	141,760	1/2	121,368	1/2	111,172	1/2	100,997	1/2	90,855	1/2	80,688	1/2	70,520
3/4	3/4	3/4	3/4	3/4	150,985	3/4	141,548	3/4	121,156	3/4	110,959	3/4	100,786	3/4	90,644	3/4	80,476	3/4	70,308
4	4	4	4	4	150,871	4	141,336	4	120,943	4	110,747	4	100,575	4	90,432	4	80,264	4	70,099
1/4	1/4	1/4	1/4	1/4	150,758	1/4	141,123	1/4	120,731	1/4	110,535	1/4	100,363	1/4	90,221	1/4	80,053	1/4	69,891
1/2	1/2	1/2	1/2	1/2	150,644	1/2	140,911	1/2	120,518	1/2	110,322	1/2	100,152	1/2	90,009	1/2	79,841	1/2	69,682
3/4	3/4	3/4	3/4	3/4	150,530	3/4	140,698	3/4	120,306	3/4	110,110	3/4	99,941	3/4	89,797	3/4	79,629	3/4	69,473
5	5	5	5	5	150,374	5	140,486	5	120,094	5	109,897	5	99,730	5	89,585	5	79,417	5	69,264
1/4	1/4	1/4	1/4	1/4	150,217	1/4	140,273	1/4	120,077	1/4	109,881	1/4	99,518	1/4	89,373	1/4	79,205	1/4	69,055
1/2	1/2	1/2	1/2	1/2	150,061	1/2	140,061	1/2	120,061	1/2	109,669	1/2	99,307	1/2	89,161	1/2	78,993	1/2	68,846
3/4	3/4	3/4	3/4	3/4	149,905	3/4	139,849	3/4	120,052	3/4	109,456	3/4	99,096	3/4	88,950	3/4	78,782	3/4	68,637
6	6	6	6	6	149,708	6	139,636	6	119,244	6	109,048	6	98,884	6	88,738	6	78,570	6	68,428
1/4	1/4	1/4	1/4	1/4	149,511	1/4	139,424	1/4	119,031	1/4	108,835	1/4	98,673	1/4	88,526	1/4	78,358	1/4	68,219
1/2	1/2	1/2	1/2	1/2	149,314	1/2	139,211	1/2	118,819	1/2	108,623	1/2	98,462	1/2	88,314	1/2	78,146	1/2	68,010
3/4	3/4	3/4	3/4	3/4	149,118	3/4	138,999	3/4	118,607	3/4	108,410	3/4	98,251	3/4	88,102	3/4	77,934	3/4	67,801
7	7	7	7	7	148,909	7	138,787	7	118,394	7	108,198	7	98,039	7	87,890	7	77,722	7	67,593
1/4	1/4	1/4	1/4	1/4	148,701	1/4	138,574	1/4	118,182	1/4	107,986	1/4	97,828	1/4	87,679	1/4	77,511	1/4	67,384
1/2	1/2	1/2	1/2	1/2	148,493	1/2	138,362	1/2	117,969	1/2	107,773	1/2	97,617	1/2	87,467	1/2	77,299	1/2	67,175
3/4	3/4	3/4	3/4	3/4	148,285	3/4	138,149	3/4	117,757	3/4	107,561	3/4	97,405	3/4	87,255	3/4	77,087	3/4	66,966
8	8	8	8	8	148,076	8	137,937	8	117,544	8	107,348	8	97,194	8	87,043	8	76,875	8	66,757
1/4	1/4	1/4	1/4	1/4	147,867	1/4	137,724	1/4	117,332	1/4	107,136	1/4	96,983	1/4	86,831	1/4	76,663	1/4	66,548
1/2	1/2	1/2	1/2	1/2	147,658	1/2	137,512	1/2	117,120	1/2	106,923	1/2	96,771	1/2	86,619	1/2	76,451	1/2	66,339
3/4	3/4	3/4	3/4	3/4	147,448	3/4	137,300	3/4	116,907	3/4	106,711	3/4	96,560	3/4	86,408	3/4	76,240	3/4	66,130
9	9	9	9	9	147,239	9	137,087	9	116,695	9	106,499	9	96,349	9	86,196	9	76,028	9	65,921
1/4	1/4	1/4	1/4	1/4	147,030	1/4	136,875	1/4	116,482	1/4	106,286	1/4	96,138	1/4	85,984	1/4	75,816	1/4	65,712
1/2	1/2	1/2	1/2	1/2	146,820	1/2	136,662	1/2	116,270	1/2	106,074	1/2	95,926	1/2	85,772	1/2	75,604	1/2	65,503
3/4	3/4	3/4	3/4	3/4	146,611	3/4	136,450	3/4	116,058	3/4	105,861	3/4	95,715	3/4	85,560	3/4	75,392	3/4	65,295
10	10	10	10	10	146,401	10	136,238	10	115,845	10	105,649	10	95,504	10	85,348	10	75,180	10	65,086
1/4	1/4	1/4	1/4	1/4	146,192	1/4	136,025	1/4	115,633	1/4	105,437	1/4	95,292	1/4	85,137	1/4	74,969	1/4	64,877
1/2	1/2	1/2	1/2	1/2	145,982	1/2	135,813	1/2	115,420	1/2	105,224	1/2	95,081	1/2	84,925	1/2	74,757	1/2	64,668
3/4	3/4	3/4	3/4	3/4	145,773	3/4	135,600	3/4	115,208	3/4	105,012	3/4	94,870	3/4	84,713	3/4	74,545	3/4	64,459
11	11	11	11	11	145,563	11	135,388	11	115,000	11	104,800	11	94,659	11	84,501	11	74,333	11	64,250
1/4	1/4	1/4	1/4	1/4	145,354	1/4	135,175	1/4	114,783	1/4	104,589	1/4	94,447	1/4	84,289	1/4	74,121	1/4	64,041
1/2	1/2	1/2	1/2	1/2	145,144	1/2	134,963	1/2	114,571	1/2	104,378	1/2	94,236	1/2	84,077	1/2	73,910	1/2	63,832
3/4	3/4	3/4	3/4	3/4	144,935	3/4	134,751	3/4	114,358	3/4	104,167	3/4	94,025	3/4	83,866	3/4	73,698	3/4	63,623

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 11342"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 118"

GAUGE HEIGHT 16'-03 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	63,414	0	53,276	0	43,111	0	32,946	0	22,791	0	13,068	0	2,907	0		0		0	
1/4	63,205	1/4	53,064	1/4	42,899	1/4	32,734	1/4	22,590	1/4	12,855	1/4	2,706	1/4		1/4		1/4	
1/2	62,997	1/2	52,852	1/2	42,687	1/2	32,522	1/2	22,388	1/2	12,643	1/2	2,504	1/2		1/2		1/2	
3/4	62,788	3/4	52,640	3/4	42,475	3/4	32,310	3/4	22,187	3/4	12,431	3/4	2,303	3/4		3/4		3/4	
1	62,579	1	52,429	1	42,264	1	32,099	1	21,986	1	12,218	1	2,107	1		1		1	
1/4	62,370	1/4	52,217	1/4	42,052	1/4	31,887	1/4	21,785	1/4	12,006	1/4	1,912	1/4		1/4		1/4	
1/2	62,161	1/2	52,005	1/2	41,840	1/2	31,675	1/2	21,584	1/2	11,793	1/2	1,716	1/2		1/2		1/2	
3/4	61,952	3/4	51,793	3/4	41,628	3/4	31,463	3/4	21,384	3/4	11,581	3/4	1,521	3/4		3/4		3/4	
2	61,740	2	51,582	2	41,417	2	31,252	2	21,184	2	11,369	2	1,332	2		2		2	
1/4	61,529	1/4	51,370	1/4	41,205	1/4	31,040	1/4	20,984	1/4	11,156	1/4	1,142	1/4		1/4		1/4	
1/2	61,317	1/2	51,158	1/2	40,993	1/2	30,828	1/2	20,784	1/2	10,944	1/2	953	1/2		1/2		1/2	
3/4	61,106	3/4	50,946	3/4	40,781	3/4	30,616	3/4	20,584	3/4	10,731	3/4	764	3/4		3/4		3/4	
3	60,894	3	50,734	3	40,569	3	30,405	3	20,384	3	10,519	3	583	3		3		3	
1/4	60,682	1/4	50,523	1/4	40,358	1/4	30,193	1/4	20,184	1/4	10,306	1/4	401	1/4		1/4		1/4	
1/2	60,471	1/2	50,311	1/2	40,146	1/2	29,981	1/2	19,984	1/2	10,094	1/2	219	1/2		1/2		1/2	
3/4	60,259	3/4	50,099	3/4	39,934	3/4	29,769	3/4	19,784	3/4	9,882	3/4	38	3/4		3/4		3/4	
4	60,048	4	49,887	4	39,722	4	29,557	4	19,584	4	9,669	4		4		4		4	
1/4	59,836	1/4	49,676	1/4	39,511	1/4	29,346	1/4	19,384	1/4	9,457	1/4		1/4		1/4		1/4	
1/2	59,625	1/2	49,464	1/2	39,299	1/2	29,134	1/2	19,184	1/2	9,244	1/2		1/2		1/2		1/2	
3/4	59,413	3/4	49,252	3/4	39,087	3/4	28,922	3/4	18,984	3/4	9,032	3/4		3/4		3/4		3/4	
5	59,202	5	49,040	5	38,875	5	28,710	5	18,784	5	8,820	5		5		5		5	
1/4	58,990	1/4	48,829	1/4	38,664	1/4	28,499	1/4	18,584	1/4	8,607	1/4		1/4		1/4		1/4	
1/2	58,779	1/2	48,617	1/2	38,452	1/2	28,287	1/2	18,384	1/2	8,395	1/2		1/2		1/2		1/2	
3/4	58,567	3/4	48,405	3/4	38,240	3/4	28,075	3/4	18,184	3/4	8,182	3/4		3/4		3/4		3/4	
6	58,356	6	48,193	6	38,028	6	27,863	6	17,984	6	7,970	6		6		6		6	
1/4	58,144	1/4	47,981	1/4	37,816	1/4	27,651	1/4	17,784	1/4	7,758	1/4		1/4		1/4		1/4	
1/2	57,933	1/2	47,770	1/2	37,605	1/2	27,440	1/2	17,584	1/2	7,545	1/2		1/2		1/2		1/2	
3/4	57,721	3/4	47,558	3/4	37,393	3/4	27,228	3/4	17,384	3/4	7,333	3/4		3/4		3/4		3/4	
7	57,510	7	47,346	7	37,181	7	27,016	7	17,184	7	7,120	7		7		7		7	
1/4	57,298	1/4	47,134	1/4	36,969	1/4	26,804	1/4	16,984	1/4	6,908	1/4		1/4		1/4		1/4	
1/2	57,087	1/2	46,923	1/2	36,758	1/2	26,593	1/2	16,784	1/2	6,695	1/2		1/2		1/2		1/2	
3/4	56,875	3/4	46,711	3/4	36,546	3/4	26,381	3/4	16,584	3/4	6,483	3/4		3/4		3/4		3/4	
8	56,664	8	46,499	8	36,334	8	26,169	8	16,384	8	6,271	8		8		8		8	
1/4	56,452	1/4	46,287	1/4	36,122	1/4	25,957	1/4	16,184	1/4	6,058	1/4		1/4		1/4		1/4	
1/2	56,240	1/2	46,076	1/2	35,911	1/2	25,746	1/2	15,984	1/2	5,846	1/2		1/2		1/2		1/2	
3/4	56,029	3/4	45,864	3/4	35,699	3/4	25,534	3/4	15,784	3/4	5,633	3/4		3/4		3/4		3/4	
9	55,817	9	45,652	9	35,487	9	25,322	9	15,583	9	5,421	9		9		9		9	
1/4	55,605	1/4	45,440	1/4	35,275	1/4	25,110	1/4	15,382	1/4	5,209	1/4		1/4		1/4		1/4	
1/2	55,393	1/2	45,228	1/2	35,063	1/2	24,898	1/2	15,181	1/2	4,996	1/2		1/2		1/2		1/2	
3/4	55,182	3/4	45,017	3/4	34,852	3/4	24,687	3/4	14,980	3/4	4,784	3/4		3/4		3/4		3/4	
10	54,970	10	44,805	10	34,640	10	24,475	10	14,767	10	4,572	10		10		10		10	
1/4	54,758	1/4	44,593	1/4	34,428	1/4	24,263	1/4	14,555	1/4	4,360	1/4		1/4		1/4		1/4	
1/2	54,546	1/2	44,381	1/2	34,216	1/2	24,051	1/2	14,342	1/2	4,148	1/2		1/2		1/2		1/2	
3/4	54,335	3/4	44,170	3/4	34,005	3/4	23,840	3/4	14,130	3/4	3,937	3/4		3/4		3/4		3/4	
11	54,123	11	43,958	11	33,793	11	23,628	11	13,917	11	3,730	11		11		11		11	
1/4	53,911	1/4	43,746	1/4	33,581	1/4	23,416	1/4	13,705	1/4	3,523	1/4		1/4		1/4		1/4	
1/2	53,699	1/2	43,534	1/2	33,369	1/2	23,204	1/2	13,493	1/2	3,315	1/2		1/2		1/2		1/2	
3/4	53,487	3/4	43,323	3/4	33,158	3/4	22,993	3/4	13,280	3/4	3,108	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/04/2013 CL
CALCULATED: 04/04/2013 CL
NAME CHANGE: 03/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

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



BARGE "KIRBY 11342"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 118"

GAUGE HEIGHT 16'-03 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
			165,985		154,375		142,752		131,130		119,508		107,886		96,264		84,642		
1/4	1/4	1/4	165,747	1/4	154,132	1/4	142,510	1/4	130,888	1/4	119,266	1/4	107,644	1/4	96,022	1/4	84,399	1/4	
1/2	1/2	1/2	165,509	1/2	153,890	1/2	142,268	1/2	130,646	1/2	119,024	1/2	107,402	1/2	95,779	1/2	84,157	1/2	
3/4	3/4	3/4	165,270	3/4	153,648	3/4	142,026	3/4	130,404	3/4	118,782	3/4	107,160	3/4	95,537	3/4	83,915	3/4	
1	1	1	165,028	1	153,406	1	141,784	1	130,162	1	118,540	1	106,917	1	95,295	1	83,673	1	
1/4	1/4	1/4	164,786	1/4	153,164	1/4	141,542	1/4	129,920	1/4	118,297	1/4	106,675	1/4	95,053	1/4	83,431	1/4	
1/2	1/2	173,562	164,544	1/2	152,922	1/2	141,300	1/2	129,677	1/2	118,055	1/2	106,433	1/2	94,811	1/2	83,189	1/2	
3/4	3/4	173,556	164,302	3/4	152,680	3/4	141,057	3/4	129,435	3/4	117,813	3/4	106,191	3/4	94,569	3/4	82,947	3/4	
2	2	173,524	164,060	2	152,438	2	140,815	2	129,193	2	117,571	2	105,949	2	94,327	2	82,705	2	
1/4	1/4	173,491	163,818	1/4	152,195	1/4	140,573	1/4	128,951	1/4	117,329	1/4	105,707	1/4	94,085	1/4	82,462	1/4	
1/2	1/2	173,459	163,575	1/2	151,953	1/2	140,331	1/2	128,709	1/2	117,087	1/2	105,465	1/2	93,842	1/2	82,220	1/2	
3/4	3/4	173,427	163,333	3/4	151,711	3/4	140,089	3/4	128,467	3/4	116,845	3/4	105,222	3/4	93,600	3/4	81,978	3/4	
3	3	173,346	163,091	3	151,469	3	139,847	3	128,225	3	116,603	3	104,980	3	93,358	3	81,736	3	
1/4	1/4	173,265	162,849	1/4	151,227	1/4	139,605	1/4	127,983	1/4	116,360	1/4	104,738	1/4	93,116	1/4	81,494	1/4	
1/2	1/2	173,184	162,607	1/2	150,985	1/2	139,363	1/2	127,740	1/2	116,118	1/2	104,496	1/2	92,874	1/2	81,252	1/2	
3/4	3/4	173,103	162,365	3/4	150,743	3/4	139,120	3/4	127,498	3/4	115,876	3/4	104,254	3/4	92,632	3/4	81,010	3/4	
4	4	172,974	162,123	4	150,501	4	138,878	4	127,256	4	115,634	4	104,012	4	92,390	4	80,768	4	
1/4	1/4	172,845	161,881	1/4	150,258	1/4	138,636	1/4	127,014	1/4	115,392	1/4	103,770	1/4	92,148	1/4	80,525	1/4	
1/2	1/2	172,716	161,638	1/2	150,016	1/2	138,394	1/2	126,772	1/2	115,150	1/2	103,528	1/2	91,905	1/2	80,283	1/2	
3/4	3/4	172,586	161,396	3/4	149,774	3/4	138,152	3/4	126,530	3/4	114,908	3/4	103,285	3/4	91,663	3/4	80,041	3/4	
5	5	172,409	161,154	5	149,532	5	137,910	5	126,288	5	114,665	5	103,043	5	91,421	5	79,799	5	
1/4	1/4	172,231	160,912	1/4	149,290	1/4	137,668	1/4	126,046	1/4	114,423	1/4	102,801	1/4	91,179	1/4	79,557	1/4	
1/2	1/2	172,053	160,670	1/2	149,048	1/2	137,426	1/2	125,803	1/2	114,181	1/2	102,559	1/2	90,937	1/2	79,315	1/2	
3/4	3/4	171,876	160,428	3/4	148,806	3/4	137,183	3/4	125,561	3/4	113,939	3/4	102,317	3/4	90,695	3/4	79,073	3/4	
6	6	171,652	160,186	6	148,563	6	136,941	6	125,319	6	113,697	6	102,075	6	90,453	6	78,830	6	
1/4	1/4	171,428	159,944	1/4	148,321	1/4	136,699	1/4	125,077	1/4	113,455	1/4	101,833	1/4	90,211	1/4	78,588	1/4	
1/2	1/2	171,204	159,701	1/2	148,079	1/2	136,457	1/2	124,835	1/2	113,213	1/2	101,591	1/2	89,968	1/2	78,346	1/2	
3/4	3/4	170,981	159,459	3/4	147,837	3/4	136,215	3/4	124,593	3/4	112,971	3/4	101,348	3/4	89,726	3/4	78,104	3/4	
7	7	170,744	159,217	7	147,595	7	135,973	7	124,351	7	112,728	7	101,106	7	89,484	7	77,862	7	
1/4	1/4	170,507	158,975	1/4	147,353	1/4	135,731	1/4	124,109	1/4	112,486	1/4	100,864	1/4	89,242	1/4	77,620	1/4	
1/2	1/2	170,270	158,733	1/2	147,111	1/2	135,489	1/2	123,866	1/2	112,244	1/2	100,622	1/2	89,000	1/2	77,378	1/2	
3/4	3/4	170,034	158,491	3/4	146,869	3/4	135,246	3/4	123,624	3/4	112,002	3/4	100,380	3/4	88,758	3/4	77,136	3/4	
8	8	169,796	158,249	8	146,626	8	135,004	8	123,382	8	111,760	8	100,138	8	88,516	8	76,893	8	
1/4	1/4	169,558	158,006	1/4	146,384	1/4	134,762	1/4	123,140	1/4	111,518	1/4	99,896	1/4	88,273	1/4	76,651	1/4	
1/2	1/2	169,320	157,764	1/2	146,142	1/2	134,520	1/2	122,898	1/2	111,276	1/2	99,654	1/2	88,031	1/2	76,409	1/2	
3/4	3/4	169,082	157,522	3/4	145,900	3/4	134,278	3/4	122,656	3/4	111,034	3/4	99,411	3/4	87,789	3/4	76,167	3/4	
9	9	168,844	157,280	9	145,658	9	134,036	9	122,414	9	110,791	9	99,169	9	87,547	9	75,925	9	
1/4	1/4	168,606	157,038	1/4	145,416	1/4	133,794	1/4	122,171	1/4	110,549	1/4	98,927	1/4	87,305	1/4	75,683	1/4	
1/2	1/2	168,367	156,796	1/2	145,174	1/2	133,552	1/2	121,929	1/2	110,307	1/2	98,685	1/2	87,063	1/2	75,441	1/2	
3/4	3/4	168,129	156,554	3/4	144,932	3/4	133,309	3/4	121,687	3/4	110,065	3/4	98,443	3/4	86,821	3/4	75,199	3/4	
10	10	167,891	156,312	10	144,689	10	133,067	10	121,445	10	109,823	10	98,201	10	86,579	10	74,956	10	
1/4	1/4	167,653	156,069	1/4	144,447	1/4	132,825	1/4	121,203	1/4	109,581	1/4	97,959	1/4	86,336	1/4	74,714	1/4	
1/2	1/2	167,415	155,827	1/2	144,205	1/2	132,583	1/2	120,961	1/2	109,339	1/2	97,716	1/2	86,094	1/2	74,472	1/2	
3/4	3/4	167,176	155,585	3/4	143,963	3/4	132,341	3/4	120,719	3/4	109,097	3/4	97,474	3/4	85,852	3/4	74,230	3/4	
11	11	166,938	155,343	11	143,721	11	132,099	11	120,477	11	108,854	11	97,232	11	85,610	11	73,988	11	
1/4	1/4	166,700	155,101	1/4	143,479	1/4	131,857	1/4	120,234	1/4	108,612	1/4	96,990	1/4	85,368	1/4	73,746	1/4	
1/2	1/2	166,462	154,859	1/2	143,237	1/2	131,614	1/2	119,992	1/2	108,370	1/2	96,748	1/2	85,126	1/2	73,504	1/2	
3/4	3/4	166,223	154,617	3/4	142,995	3/4	131,372	3/4	119,750	3/4	108,128	3/4	96,506	3/4	84,884	3/4	73,262	3/4	

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 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11342"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 118"

GAUGE HEIGHT 16'-03 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	73,019	0	61,397	0	49,775	0	38,153	0	26,539	0	15,245	0	3,625	0		0		0	
1/4	72,777	1/4	61,155	1/4	49,533	1/4	37,911	1/4	26,305	1/4	15,003	1/4	3,383	1/4		1/4		1/4	
1/2	72,535	1/2	60,913	1/2	49,291	1/2	37,669	1/2	26,071	1/2	14,760	1/2	3,142	1/2		1/2		1/2	
3/4	72,293	3/4	60,671	3/4	49,049	3/4	37,426	3/4	25,837	3/4	14,518	3/4	2,901	3/4		3/4		3/4	
1	72,051	1	60,429	1	48,807	1	37,184	1	25,603	1	14,276	1	2,660	1		1		1	
1/4	71,809	1/4	60,187	1/4	48,564	1/4	36,942	1/4	25,369	1/4	14,034	1/4	2,420	1/4		1/4		1/4	
1/2	71,567	1/2	59,944	1/2	48,322	1/2	36,700	1/2	25,135	1/2	13,792	1/2	2,179	1/2		1/2		1/2	
3/4	71,324	3/4	59,702	3/4	48,080	3/4	36,458	3/4	24,901	3/4	13,550	3/4	1,939	3/4		3/4		3/4	
2	71,082	2	59,460	2	47,838	2	36,216	2	24,667	2	13,308	2	1,700	2		2		2	
1/4	70,840	1/4	59,218	1/4	47,596	1/4	35,974	1/4	24,434	1/4	13,066	1/4	1,461	1/4		1/4		1/4	
1/2	70,598	1/2	58,976	1/2	47,354	1/2	35,732	1/2	24,200	1/2	12,823	1/2	1,222	1/2		1/2		1/2	
3/4	70,356	3/4	58,734	3/4	47,112	3/4	35,489	3/4	23,967	3/4	12,581	3/4	983	3/4		3/4		3/4	
3	70,114	3	58,492	3	46,870	3	35,247	3	23,733	3	12,339	3	747	3		3		3	
1/4	69,872	1/4	58,250	1/4	46,627	1/4	35,005	1/4	23,499	1/4	12,097	1/4	510	1/4		1/4		1/4	
1/2	69,630	1/2	58,007	1/2	46,385	1/2	34,763	1/2	23,266	1/2	11,855	1/2	274	1/2		1/2		1/2	
3/4	69,387	3/4	57,765	3/4	46,143	3/4	34,521	3/4	23,032	3/4	11,613	3/4	38	3/4		3/4		3/4	
4	69,145	4	57,523	4	45,901	4	34,279	4	22,798	4	11,371	4		4		4		4	
1/4	68,903	1/4	57,281	1/4	45,659	1/4	34,037	1/4	22,565	1/4	11,129	1/4		1/4		1/4		1/4	
1/2	68,661	1/2	57,039	1/2	45,417	1/2	33,795	1/2	22,331	1/2	10,887	1/2		1/2		1/2		1/2	
3/4	68,419	3/4	56,797	3/4	45,175	3/4	33,552	3/4	22,097	3/4	10,644	3/4		3/4		3/4		3/4	
5	68,177	5	56,555	5	44,932	5	33,310	5	21,864	5	10,402	5		5		5		5	
1/4	67,935	1/4	56,313	1/4	44,690	1/4	33,068	1/4	21,630	1/4	10,160	1/4		1/4		1/4		1/4	
1/2	67,693	1/2	56,070	1/2	44,448	1/2	32,826	1/2	21,397	1/2	9,918	1/2		1/2		1/2		1/2	
3/4	67,450	3/4	55,828	3/4	44,206	3/4	32,584	3/4	21,163	3/4	9,676	3/4		3/4		3/4		3/4	
6	67,208	6	55,586	6	43,964	6	32,342	6	20,929	6	9,434	6		6		6		6	
1/4	66,966	1/4	55,344	1/4	43,722	1/4	32,100	1/4	20,696	1/4	9,192	1/4		1/4		1/4		1/4	
1/2	66,724	1/2	55,102	1/2	43,480	1/2	31,858	1/2	20,462	1/2	8,950	1/2		1/2		1/2		1/2	
3/4	66,482	3/4	54,860	3/4	43,238	3/4	31,615	3/4	20,228	3/4	8,707	3/4		3/4		3/4		3/4	
7	66,240	7	54,618	7	42,995	7	31,373	7	19,995	7	8,465	7		7		7		7	
1/4	65,998	1/4	54,375	1/4	42,753	1/4	31,131	1/4	19,761	1/4	8,223	1/4		1/4		1/4		1/4	
1/2	65,756	1/2	54,133	1/2	42,511	1/2	30,889	1/2	19,527	1/2	7,981	1/2		1/2		1/2		1/2	
3/4	65,513	3/4	53,891	3/4	42,269	3/4	30,647	3/4	19,294	3/4	7,739	3/4		3/4		3/4		3/4	
8	65,271	8	53,649	8	42,027	8	30,405	8	19,060	8	7,497	8		8		8		8	
1/4	65,029	1/4	53,407	1/4	41,785	1/4	30,163	1/4	18,826	1/4	7,255	1/4		1/4		1/4		1/4	
1/2	64,787	1/2	53,165	1/2	41,543	1/2	29,921	1/2	18,593	1/2	7,013	1/2		1/2		1/2		1/2	
3/4	64,545	3/4	52,923	3/4	41,301	3/4	29,678	3/4	18,359	3/4	6,770	3/4		3/4		3/4		3/4	
9	64,303	9	52,681	9	41,058	9	29,436	9	18,125	9	6,528	9		9		9		9	
1/4	64,061	1/4	52,438	1/4	40,816	1/4	29,194	1/4	17,891	1/4	6,286	1/4		1/4		1/4		1/4	
1/2	63,819	1/2	52,196	1/2	40,574	1/2	28,952	1/2	17,658	1/2	6,044	1/2		1/2		1/2		1/2	
3/4	63,576	3/4	51,954	3/4	40,332	3/4	28,710	3/4	17,424	3/4	5,802	3/4		3/4		3/4		3/4	
10	63,334	10	51,712	10	40,090	10	28,468	10	17,182	10	5,560	10		10		10		10	
1/4	63,092	1/4	51,470	1/4	39,848	1/4	28,226	1/4	16,940	1/4	5,318	1/4		1/4		1/4		1/4	
1/2	62,850	1/2	51,228	1/2	39,606	1/2	27,983	1/2	16,697	1/2	5,076	1/2		1/2		1/2		1/2	
3/4	62,608	3/4	50,986	3/4	39,364	3/4	27,741	3/4	16,455	3/4	4,833	3/4		3/4		3/4		3/4	
11	62,366	11	50,744	11	39,121	11	27,499	11	16,213	11	4,592	11		11		11		11	
1/4	62,124	1/4	50,501	1/4	38,879	1/4	27,257	1/4	15,971	1/4	4,350	1/4		1/4		1/4		1/4	
1/2	61,881	1/2	50,259	1/2	38,637	1/2	27,015	1/2	15,729	1/2	4,108	1/2		1/2		1/2		1/2	
3/4	61,639	3/4	50,017	3/4	38,395	3/4	26,773	3/4	15,487	3/4	3,866	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/04/2013 CL
CALCULATED: 04/04/2013 CL
NAME CHANGE: 03/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 11342"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 118"

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	150,156	0	139,707	0	129,240	0	118,773	0	108,306	0	97,839	0	87,373	0	76,906
1/4	1/4	1/4	149,941	1/4	139,489	1/4	129,022	1/4	118,555	1/4	108,088	1/4	97,621	1/4	87,154	1/4	76,688		
1/2	1/2	1/2	149,727	1/2	139,270	1/2	128,804	1/2	118,337	1/2	107,870	1/2	97,403	1/2	86,936	1/2	76,470		
3/4	3/4	3/4	149,512	3/4	139,052	3/4	128,586	3/4	118,119	3/4	107,652	3/4	97,185	3/4	86,718	3/4	76,252		
1	1	1	149,298	1	138,834	1	128,368	1	117,901	1	107,434	1	96,967	1	86,500	1	76,034		
1/4	1/4	1/4	149,083	1/4	138,616	1/4	128,149	1/4	117,683	1/4	107,216	1/4	96,749	1/4	86,282	1/4	75,815		
1/2	1/2	1/2	148,865	1/2	138,398	1/2	127,931	1/2	117,465	1/2	106,998	1/2	96,531	1/2	86,064	1/2	75,597		
3/4	3/4	3/4	148,647	3/4	138,180	3/4	127,713	3/4	117,247	3/4	106,780	3/4	96,313	3/4	85,846	3/4	75,379		
2	2	2	156,551	2	148,429	2	137,962	2	127,495	2	117,028	2	106,562	2	96,095	2	85,628	2	75,161
1/4	1/4	1/4	156,545	1/4	148,211	1/4	137,744	1/4	127,277	1/4	116,810	1/4	106,344	1/4	95,877	1/4	85,410	1/4	74,943
1/2	1/2	1/2	156,516	1/2	147,993	1/2	137,526	1/2	127,059	1/2	116,592	1/2	106,126	1/2	95,659	1/2	85,192	1/2	74,725
3/4	3/4	3/4	156,487	3/4	147,775	3/4	137,308	3/4	126,841	3/4	116,374	3/4	105,908	3/4	95,441	3/4	84,974	3/4	74,507
3	3	3	156,458	3	147,557	3	137,090	3	126,623	3	116,156	3	105,689	3	95,223	3	84,756	3	74,289
1/4	1/4	1/4	156,428	1/4	147,339	1/4	136,872	1/4	126,405	1/4	115,938	1/4	105,471	1/4	95,005	1/4	84,538	1/4	74,071
1/2	1/2	1/2	156,356	1/2	147,121	1/2	136,654	1/2	126,187	1/2	115,720	1/2	105,253	1/2	94,787	1/2	84,320	1/2	73,853
3/4	3/4	3/4	156,283	3/4	146,902	3/4	136,436	3/4	125,969	3/4	115,502	3/4	105,035	3/4	94,568	3/4	84,102	3/4	73,635
4	4	4	156,210	4	146,684	4	136,218	4	125,751	4	115,284	4	104,817	4	94,350	4	83,884	4	73,417
1/4	1/4	1/4	156,137	1/4	146,466	1/4	136,000	1/4	125,533	1/4	115,066	1/4	104,599	1/4	94,132	1/4	83,666	1/4	73,199
1/2	1/2	1/2	156,021	1/2	146,248	1/2	135,782	1/2	125,315	1/2	114,848	1/2	104,381	1/2	93,914	1/2	83,448	1/2	72,981
3/4	3/4	3/4	155,905	3/4	146,030	3/4	135,563	3/4	125,097	3/4	114,630	3/4	104,163	3/4	93,696	3/4	83,229	3/4	72,763
5	5	5	155,788	5	145,812	5	135,345	5	124,879	5	114,412	5	103,945	5	93,478	5	83,011	5	72,545
1/4	1/4	1/4	155,672	1/4	145,594	1/4	135,127	1/4	124,661	1/4	114,194	1/4	103,727	1/4	93,260	1/4	82,793	1/4	72,327
1/2	1/2	1/2	155,512	1/2	145,376	1/2	134,909	1/2	124,442	1/2	113,976	1/2	103,509	1/2	93,042	1/2	82,575	1/2	72,108
3/4	3/4	3/4	155,352	3/4	145,158	3/4	134,691	3/4	124,224	3/4	113,758	3/4	103,291	3/4	92,824	3/4	82,357	3/4	71,890
6	6	6	155,192	6	144,940	6	134,473	6	124,006	6	113,540	6	103,073	6	92,606	6	82,139	6	71,672
1/4	1/4	1/4	155,032	1/4	144,722	1/4	134,255	1/4	123,788	1/4	113,322	1/4	102,855	1/4	92,388	1/4	81,921	1/4	71,454
1/2	1/2	1/2	154,830	1/2	144,504	1/2	134,037	1/2	123,570	1/2	113,103	1/2	102,637	1/2	92,170	1/2	81,703	1/2	71,236
3/4	3/4	3/4	154,629	3/4	144,286	3/4	133,819	3/4	123,352	3/4	112,885	3/4	102,419	3/4	91,952	3/4	81,485	3/4	71,018
7	7	7	154,427	7	144,068	7	133,601	7	123,134	7	112,667	7	102,201	7	91,734	7	81,267	7	70,800
1/4	1/4	1/4	154,226	1/4	143,850	1/4	133,383	1/4	122,916	1/4	112,449	1/4	101,982	1/4	91,516	1/4	81,049	1/4	70,582
1/2	1/2	1/2	154,012	1/2	143,632	1/2	133,165	1/2	122,698	1/2	112,231	1/2	101,764	1/2	91,298	1/2	80,831	1/2	70,364
3/4	3/4	3/4	153,799	3/4	143,414	3/4	132,947	3/4	122,480	3/4	112,013	3/4	101,546	3/4	91,080	3/4	80,613	3/4	70,146
8	8	8	153,586	8	143,196	8	132,729	8	122,262	8	111,795	8	101,328	8	90,861	8	80,395	8	69,928
1/4	1/4	1/4	153,373	1/4	142,977	1/4	132,511	1/4	122,044	1/4	111,577	1/4	101,110	1/4	90,643	1/4	80,177	1/4	69,710
1/2	1/2	1/2	153,159	1/2	142,759	1/2	132,293	1/2	121,826	1/2	111,359	1/2	100,892	1/2	90,425	1/2	79,959	1/2	69,492
3/4	3/4	3/4	152,944	3/4	142,541	3/4	132,075	3/4	121,608	3/4	111,141	3/4	100,674	3/4	90,207	3/4	79,741	3/4	69,274
9	9	9	152,730	9	142,323	9	131,856	9	121,390	9	110,923	9	100,456	9	89,989	9	79,522	9	69,056
1/4	1/4	1/4	152,516	1/4	142,105	1/4	131,638	1/4	121,172	1/4	110,705	1/4	100,238	1/4	89,771	1/4	79,304	1/4	68,838
1/2	1/2	1/2	152,301	1/2	141,887	1/2	131,420	1/2	120,954	1/2	110,487	1/2	100,020	1/2	89,553	1/2	79,086	1/2	68,620
3/4	3/4	3/4	152,087	3/4	141,669	3/4	131,202	3/4	120,735	3/4	110,269	3/4	99,802	3/4	89,335	3/4	78,868	3/4	68,401
10	10	10	151,872	10	141,451	10	130,984	10	120,517	10	110,051	10	99,584	10	89,117	10	78,650	10	68,183
1/4	1/4	1/4	151,658	1/4	141,233	1/4	130,766	1/4	120,299	1/4	109,833	1/4	99,366	1/4	88,899	1/4	78,432	1/4	67,965
1/2	1/2	1/2	151,443	1/2	141,015	1/2	130,548	1/2	120,081	1/2	109,615	1/2	99,148	1/2	88,681	1/2	78,214	1/2	67,747
3/4	3/4	3/4	151,229	3/4	140,797	3/4	130,330	3/4	119,863	3/4	109,396	3/4	98,930	3/4	88,463	3/4	77,996	3/4	67,529
11	11	11	151,014	11	140,579	11	130,112	11	119,645	11	109,178	11	98,712	11	88,245	11	77,778	11	67,311
1/4	1/4	1/4	150,800	1/4	140,361	1/4	129,894	1/4	119,427	1/4	108,960	1/4	98,494	1/4	88,027	1/4	77,560	1/4	67,093
1/2	1/2	1/2	150,585	1/2	140,143	1/2	129,676	1/2	119,209	1/2	108,742	1/2	98,275	1/2	87,809	1/2	77,342	1/2	66,875
3/4	3/4	3/4	150,370	3/4	139,925	3/4	129,458	3/4	118,991	3/4	108,524	3/4	98,057	3/4	87,591	3/4	77,124	3/4	66,657

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 28'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11342"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "CGBM 118"

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	66,439	0	55,972	0	45,505	0	35,039	0	24,573	0	14,169	0	3,703	0		0		0	
1/4	66,221	1/4	55,754	1/4	45,287	1/4	34,820	1/4	24,356	1/4	13,951	1/4	3,486	1/4	1/4	1/4		1/4	1/4
1/2	66,003	1/2	55,536	1/2	45,069	1/2	34,602	1/2	24,139	1/2	13,733	1/2	3,268	1/2	1/2	1/2		1/2	1/2
3/4	65,785	3/4	55,318	3/4	44,851	3/4	34,384	3/4	23,922	3/4	13,515	3/4	3,051	3/4	3/4	3/4		3/4	3/4
1	65,567	1	55,100	1	44,633	1	34,166	1	23,705	1	13,297	1	2,834	1	1	1		1	1
1/4	65,349	1/4	54,882	1/4	44,415	1/4	33,948	1/4	23,488	1/4	13,079	1/4	2,616	1/4	1/4	1/4		1/4	1/4
1/2	65,131	1/2	54,664	1/2	44,197	1/2	33,730	1/2	23,271	1/2	12,861	1/2	2,400	1/2	1/2	1/2		1/2	1/2
3/4	64,913	3/4	54,446	3/4	43,979	3/4	33,512	3/4	23,054	3/4	12,643	3/4	2,183	3/4	3/4	3/4		3/4	3/4
2	64,694	2	54,228	2	43,761	2	33,294	2	22,837	2	12,425	2	1,967	2	2	2		2	2
1/4	64,476	1/4	54,010	1/4	43,543	1/4	33,076	1/4	22,620	1/4	12,207	1/4	1,750	1/4	1/4	1/4		1/4	1/4
1/2	64,258	1/2	53,792	1/2	43,325	1/2	32,858	1/2	22,404	1/2	11,989	1/2	1,535	1/2	1/2	1/2		1/2	1/2
3/4	64,040	3/4	53,574	3/4	43,107	3/4	32,640	3/4	22,188	3/4	11,771	3/4	1,320	3/4	3/4	3/4		3/4	3/4
3	63,822	3	53,355	3	42,889	3	32,422	3	21,971	3	11,553	3	1,105	3	3	3		3	3
1/4	63,604	1/4	53,137	1/4	42,671	1/4	32,204	1/4	21,755	1/4	11,335	1/4	889	1/4	1/4	1/4		1/4	1/4
1/2	63,386	1/2	52,919	1/2	42,453	1/2	31,986	1/2	21,539	1/2	11,117	1/2	676	1/2	1/2	1/2		1/2	1/2
3/4	63,168	3/4	52,701	3/4	42,234	3/4	31,768	3/4	21,322	3/4	10,898	3/4	464	3/4	3/4	3/4		3/4	3/4
4	62,950	4	52,483	4	42,016	4	31,550	4	21,106	4	10,680	4	251	4	4	4		4	4
1/4	62,732	1/4	52,265	1/4	41,798	1/4	31,332	1/4	20,890	1/4	10,462	1/4	38	1/4	1/4	1/4		1/4	1/4
1/2	62,514	1/2	52,047	1/2	41,580	1/2	31,113	1/2	20,673	1/2	10,244	1/2		1/2	1/2	1/2		1/2	1/2
3/4	62,296	3/4	51,829	3/4	41,362	3/4	30,895	3/4	20,457	3/4	10,026	3/4		3/4	3/4	3/4		3/4	3/4
5	62,078	5	51,611	5	41,144	5	30,677	5	20,241	5	9,808	5		5	5	5		5	5
1/4	61,860	1/4	51,393	1/4	40,926	1/4	30,459	1/4	20,024	1/4	9,590	1/4		1/4	1/4	1/4		1/4	1/4
1/2	61,642	1/2	51,175	1/2	40,708	1/2	30,241	1/2	19,808	1/2	9,372	1/2		1/2	1/2	1/2		1/2	1/2
3/4	61,424	3/4	50,957	3/4	40,490	3/4	30,023	3/4	19,592	3/4	9,154	3/4		3/4	3/4	3/4		3/4	3/4
6	61,206	6	50,739	6	40,272	6	29,805	6	19,375	6	8,936	6		6	6	6		6	6
1/4	60,987	1/4	50,521	1/4	40,054	1/4	29,587	1/4	19,159	1/4	8,718	1/4		1/4	1/4	1/4		1/4	1/4
1/2	60,769	1/2	50,303	1/2	39,836	1/2	29,369	1/2	18,943	1/2	8,500	1/2		1/2	1/2	1/2		1/2	1/2
3/4	60,551	3/4	50,085	3/4	39,618	3/4	29,151	3/4	18,726	3/4	8,282	3/4		3/4	3/4	3/4		3/4	3/4
7	60,333	7	49,867	7	39,400	7	28,933	7	18,510	7	8,064	7		7	7	7		7	7
1/4	60,115	1/4	49,648	1/4	39,182	1/4	28,715	1/4	18,294	1/4	7,846	1/4		1/4	1/4	1/4		1/4	1/4
1/2	59,897	1/2	49,430	1/2	38,964	1/2	28,497	1/2	18,077	1/2	7,628	1/2		1/2	1/2	1/2		1/2	1/2
3/4	59,679	3/4	49,212	3/4	38,746	3/4	28,279	3/4	17,861	3/4	7,410	3/4		3/4	3/4	3/4		3/4	3/4
8	59,461	8	48,994	8	38,527	8	28,061	8	17,645	8	7,192	8		8	8	8		8	8
1/4	59,243	1/4	48,776	1/4	38,309	1/4	27,843	1/4	17,428	1/4	6,974	1/4		1/4	1/4	1/4		1/4	1/4
1/2	59,025	1/2	48,558	1/2	38,091	1/2	27,625	1/2	17,212	1/2	6,756	1/2		1/2	1/2	1/2		1/2	1/2
3/4	58,807	3/4	48,340	3/4	37,873	3/4	27,406	3/4	16,996	3/4	6,537	3/4		3/4	3/4	3/4		3/4	3/4
9	58,589	9	48,122	9	37,655	9	27,188	9	16,779	9	6,319	9		9	9	9		9	9
1/4	58,371	1/4	47,904	1/4	37,437	1/4	26,970	1/4	16,563	1/4	6,101	1/4		1/4	1/4	1/4		1/4	1/4
1/2	58,153	1/2	47,686	1/2	37,219	1/2	26,752	1/2	16,346	1/2	5,883	1/2		1/2	1/2	1/2		1/2	1/2
3/4	57,935	3/4	47,468	3/4	37,001	3/4	26,534	3/4	16,129	3/4	5,665	3/4		3/4	3/4	3/4		3/4	3/4
10	57,717	10	47,250	10	36,783	10	26,316	10	15,912	10	5,447	10		10	10	10		10	10
1/4	57,499	1/4	47,032	1/4	36,565	1/4	26,098	1/4	15,696	1/4	5,229	1/4		1/4	1/4	1/4		1/4	1/4
1/2	57,280	1/2	46,814	1/2	36,347	1/2	25,880	1/2	15,477	1/2	5,011	1/2		1/2	1/2	1/2		1/2	1/2
3/4	57,062	3/4	46,596	3/4	36,129	3/4	25,662	3/4	15,259	3/4	4,793	3/4		3/4	3/4	3/4		3/4	3/4
11	56,844	11	46,378	11	35,911	11	25,444	11	15,041	11	4,575	11		11	11	11		11	11
1/4	56,626	1/4	46,160	1/4	35,693	1/4	25,226	1/4	14,823	1/4	4,357	1/4		1/4	1/4	1/4		1/4	1/4
1/2	56,408	1/2	45,941	1/2	35,475	1/2	25,008	1/2	14,605	1/2	4,139	1/2		1/2	1/2	1/2		1/2	1/2
3/4	56,190	3/4	45,723	3/4	35,257	3/4	24,791	3/4	14,387	3/4	3,921	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/04/2013 CL
CALCULATED: 04/04/2013 CL
NAME CHANGE: 03/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2023

PRECISION MEASUREMENT
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