



BARGE "KIRBY 11339"

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 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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8
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	00-3/8	- 00-3/8

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

LENGTH BETWEEN DRAFT MARKS: 172'-00"

June 2, 2022

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

<http://www.pmacorp.net>



BARGE "KIRBY 11339"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 21'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	63,379	1/4	53,246	1/4	43,107	1/4	32,968	1/4	22,920	1/4	13,164	1/4	3,084	1/4		1/4		1/4	
1/2	63,168	1/2	53,035	1/2	42,896	1/2	32,757	1/2	22,721	1/2	12,954	1/2	2,886	1/2		1/2		1/2	
3/4	62,957	3/4	52,824	3/4	42,685	3/4	32,546	3/4	22,521	3/4	12,743	3/4	2,687	3/4		3/4		3/4	
1	62,746	1	52,612	1	42,473	1	32,334	1	22,322	1	12,533	1	2,489	1		1		1	
1/4	62,535	1/4	52,401	1/4	42,262	1/4	32,123	1/4	22,122	1/4	12,322	1/4	2,290	1/4		1/4		1/4	
1/2	62,324	1/2	52,190	1/2	42,051	1/2	31,912	1/2	21,923	1/2	12,111	1/2	2,098	1/2		1/2		1/2	
3/4	62,113	3/4	51,979	3/4	41,840	3/4	31,701	3/4	21,724	3/4	11,901	3/4	1,905	3/4		3/4		3/4	
2	61,902	2	51,767	2	41,628	2	31,489	2	21,524	2	11,690	2	1,713	2		2		2	
1/4	61,691	1/4	51,556	1/4	41,417	1/4	31,278	1/4	21,325	1/4	11,479	1/4	1,520	1/4		1/4		1/4	
1/2	61,480	1/2	51,345	1/2	41,206	1/2	31,067	1/2	21,126	1/2	11,269	1/2	1,333	1/2		1/2		1/2	
3/4	61,269	3/4	51,134	3/4	40,995	3/4	30,856	3/4	20,926	3/4	11,058	3/4	1,147	3/4		3/4		3/4	
3	61,058	3	50,922	3	40,783	3	30,644	3	20,727	3	10,848	3	960	3		3		3	
1/4	60,847	1/4	50,711	1/4	40,572	1/4	30,433	1/4	20,527	1/4	10,637	1/4	773	1/4		1/4		1/4	
1/2	60,636	1/2	50,500	1/2	40,361	1/2	30,222	1/2	20,328	1/2	10,427	1/2	593	1/2		1/2		1/2	
3/4	60,425	3/4	50,289	3/4	40,150	3/4	30,011	3/4	20,128	3/4	10,216	3/4	414	3/4		3/4		3/4	
4	60,214	4	50,077	4	39,938	4	29,799	4	19,929	4	10,006	4	234	4		4		4	
1/4	60,003	1/4	49,866	1/4	39,727	1/4	29,588	1/4	19,729	1/4	9,795	1/4	54	1/4		1/4		1/4	
1/2	59,792	1/2	49,655	1/2	39,516	1/2	29,377	1/2	19,530	1/2	9,584	1/2		1/2		1/2		1/2	
3/4	59,581	3/4	49,444	3/4	39,305	3/4	29,166	3/4	19,330	3/4	9,373	3/4		3/4		3/4		3/4	
5	59,370	5	49,232	5	39,093	5	28,954	5	19,131	5	9,162	5		5		5		5	
1/4	59,159	1/4	49,021	1/4	38,882	1/4	28,743	1/4	18,931	1/4	8,951	1/4		1/4		1/4		1/4	
1/2	58,948	1/2	48,810	1/2	38,671	1/2	28,532	1/2	18,732	1/2	8,740	1/2		1/2		1/2		1/2	
3/4	58,738	3/4	48,599	3/4	38,460	3/4	28,321	3/4	18,533	3/4	8,529	3/4		3/4		3/4		3/4	
6	58,527	6	48,387	6	38,248	6	28,109	6	18,333	6	8,318	6		6		6		6	
1/4	58,316	1/4	48,176	1/4	38,037	1/4	27,898	1/4	18,134	1/4	8,107	1/4		1/4		1/4		1/4	
1/2	58,105	1/2	47,965	1/2	37,826	1/2	27,687	1/2	17,934	1/2	7,896	1/2		1/2		1/2		1/2	
3/4	57,894	3/4	47,754	3/4	37,615	3/4	27,476	3/4	17,733	3/4	7,685	3/4		3/4		3/4		3/4	
7	57,682	7	47,543	7	37,403	7	27,264	7	17,533	7	7,474	7		7		7		7	
1/4	57,471	1/4	47,332	1/4	37,192	1/4	27,053	1/4	17,332	1/4	7,263	1/4		1/4		1/4		1/4	
1/2	57,260	1/2	47,121	1/2	36,981	1/2	26,842	1/2	17,133	1/2	7,052	1/2		1/2		1/2		1/2	
3/4	57,049	3/4	46,910	3/4	36,770	3/4	26,631	3/4	16,933	3/4	6,842	3/4		3/4		3/4		3/4	
8	56,837	8	46,698	8	36,559	8	26,419	8	16,734	8	6,631	8		8		8		8	
1/4	56,626	1/4	46,487	1/4	36,348	1/4	26,208	1/4	16,534	1/4	6,420	1/4		1/4		1/4		1/4	
1/2	56,415	1/2	46,276	1/2	36,137	1/2	25,997	1/2	16,323	1/2	6,209	1/2		1/2		1/2		1/2	
3/4	56,204	3/4	46,065	3/4	35,926	3/4	25,786	3/4	16,113	3/4	5,998	3/4		3/4		3/4		3/4	
9	55,992	9	45,853	9	35,714	9	25,574	9	15,902	9	5,787	9		9		9		9	
1/4	55,781	1/4	45,642	1/4	35,503	1/4	25,363	1/4	15,691	1/4	5,576	1/4		1/4		1/4		1/4	
1/2	55,570	1/2	45,431	1/2	35,292	1/2	25,152	1/2	15,481	1/2	5,365	1/2		1/2		1/2		1/2	
3/4	55,359	3/4	45,220	3/4	35,081	3/4	24,941	3/4	15,270	3/4	5,154	3/4		3/4		3/4		3/4	
10	55,147	10	45,008	10	34,869	10	24,730	10	15,060	10	4,943	10		10		10		10	
1/4	54,936	1/4	44,797	1/4	34,658	1/4	24,519	1/4	14,849	1/4	4,732	1/4		1/4		1/4		1/4	
1/2	54,725	1/2	44,586	1/2	34,447	1/2	24,319	1/2	14,639	1/2	4,524	1/2		1/2		1/2		1/2	
3/4	54,514	3/4	44,375	3/4	34,236	3/4	24,119	3/4	14,428	3/4	4,315	3/4		3/4		3/4		3/4	
11	54,302	11	44,163	11	34,024	11	23,918	11	14,218	11	4,107	11		11		11		11	
1/4	54,091	1/4	43,952	1/4	33,813	1/4	23,718	1/4	14,007	1/4	3,898	1/4		1/4		1/4		1/4	
1/2	53,880	1/2	43,741	1/2	33,602	1/2	23,519	1/2	13,796	1/2	3,695	1/2		1/2		1/2		1/2	
3/4	53,669	3/4	43,530	3/4	33,391	3/4	23,319	3/4	13,586	3/4	3,491	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/01/2012 SI
CALCULATED: 05/11/2012 SI
REPRINTED: 06/02/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

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



BARGE "KIRBY 11339"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	73,528	0	61,903	0	50,278	0	38,653	0	27,088	0	15,747	0	4,124	0		0		0	
1/4	73,286	1/4	61,661	1/4	50,036	1/4	38,411	1/4	26,854	1/4	15,505	1/4	3,882	1/4		1/4		1/4	
1/2	73,044	1/2	61,419	1/2	49,794	1/2	38,169	1/2	26,621	1/2	15,263	1/2	3,641	1/2		1/2		1/2	
3/4	72,802	3/4	61,177	3/4	49,552	3/4	37,927	3/4	26,387	3/4	15,021	3/4	3,400	3/4		3/4		3/4	
1	72,559	1	60,934	1	49,309	1	37,684	1	26,154	1	14,778	1	3,158	1		1		1	
1/4	72,317	1/4	60,692	1/4	49,067	1/4	37,442	1/4	25,920	1/4	14,536	1/4	2,917	1/4		1/4		1/4	
1/2	72,075	1/2	60,450	1/2	48,825	1/2	37,200	1/2	25,687	1/2	14,294	1/2	2,677	1/2		1/2		1/2	
3/4	71,833	3/4	60,208	3/4	48,583	3/4	36,958	3/4	25,454	3/4	14,052	3/4	2,437	3/4		3/4		3/4	
2	71,591	2	59,966	2	48,341	2	36,716	2	25,221	2	13,810	2	2,196	2		2		2	
1/4	71,349	1/4	59,724	1/4	48,099	1/4	36,474	1/4	24,988	1/4	13,568	1/4	1,956	1/4		1/4		1/4	
1/2	71,107	1/2	59,482	1/2	47,857	1/2	36,232	1/2	24,754	1/2	13,326	1/2	1,717	1/2		1/2		1/2	
3/4	70,865	3/4	59,240	3/4	47,615	3/4	35,990	3/4	24,520	3/4	13,084	3/4	1,478	3/4		3/4		3/4	
3	70,622	3	58,997	3	47,372	3	35,747	3	24,286	3	12,841	3	1,239	3		3		3	
1/4	70,380	1/4	58,755	1/4	47,130	1/4	35,505	1/4	24,052	1/4	12,599	1/4	1,000	1/4		1/4		1/4	
1/2	70,138	1/2	58,513	1/2	46,888	1/2	35,263	1/2	23,818	1/2	12,357	1/2	764	1/2		1/2		1/2	
3/4	69,896	3/4	58,271	3/4	46,646	3/4	35,021	3/4	23,585	3/4	12,115	3/4	527	3/4		3/4		3/4	
4	69,653	4	58,028	4	46,403	4	34,778	4	23,351	4	11,872	4	291	4		4		4	
1/4	69,411	1/4	57,786	1/4	46,161	1/4	34,536	1/4	23,117	1/4	11,630	1/4	54	1/4		1/4		1/4	
1/2	69,169	1/2	57,544	1/2	45,919	1/2	34,294	1/2	22,884	1/2	11,388	1/2		1/2		1/2		1/2	
3/4	68,927	3/4	57,302	3/4	45,677	3/4	34,052	3/4	22,650	3/4	11,146	3/4		3/4		3/4		3/4	
5	68,684	5	57,059	5	45,434	5	33,809	5	22,417	5	10,904	5		5		5		5	
1/4	68,442	1/4	56,817	1/4	45,192	1/4	33,567	1/4	22,183	1/4	10,662	1/4		1/4		1/4		1/4	
1/2	68,200	1/2	56,575	1/2	44,950	1/2	33,325	1/2	21,950	1/2	10,420	1/2		1/2		1/2		1/2	
3/4	67,958	3/4	56,333	3/4	44,708	3/4	33,083	3/4	21,716	3/4	10,178	3/4		3/4		3/4		3/4	
6	67,716	6	56,091	6	44,466	6	32,841	6	21,483	6	9,935	6		6		6		6	
1/4	67,474	1/4	55,849	1/4	44,224	1/4	32,599	1/4	21,249	1/4	9,693	1/4		1/4		1/4		1/4	
1/2	67,232	1/2	55,607	1/2	43,982	1/2	32,357	1/2	21,015	1/2	9,451	1/2		1/2		1/2		1/2	
3/4	66,990	3/4	55,365	3/4	43,740	3/4	32,115	3/4	20,782	3/4	9,209	3/4		3/4		3/4		3/4	
7	66,747	7	55,122	7	43,497	7	31,872	7	20,548	7	8,966	7		7		7		7	
1/4	66,505	1/4	54,880	1/4	43,255	1/4	31,630	1/4	20,314	1/4	8,724	1/4		1/4		1/4		1/4	
1/2	66,263	1/2	54,638	1/2	43,013	1/2	31,388	1/2	20,081	1/2	8,482	1/2		1/2		1/2		1/2	
3/4	66,021	3/4	54,396	3/4	42,771	3/4	31,146	3/4	19,847	3/4	8,240	3/4		3/4		3/4		3/4	
8	65,778	8	54,153	8	42,528	8	30,903	8	19,614	8	7,998	8		8		8		8	
1/4	65,536	1/4	53,911	1/4	42,286	1/4	30,661	1/4	19,380	1/4	7,756	1/4		1/4		1/4		1/4	
1/2	65,294	1/2	53,669	1/2	42,044	1/2	30,419	1/2	19,138	1/2	7,514	1/2		1/2		1/2		1/2	
3/4	65,052	3/4	53,427	3/4	41,802	3/4	30,177	3/4	18,896	3/4	7,272	3/4		3/4		3/4		3/4	
9	64,809	9	53,184	9	41,559	9	29,934	9	18,653	9	7,029	9		9		9		9	
1/4	64,567	1/4	52,942	1/4	41,317	1/4	29,692	1/4	18,411	1/4	6,787	1/4		1/4		1/4		1/4	
1/2	64,325	1/2	52,700	1/2	41,075	1/2	29,450	1/2	18,169	1/2	6,545	1/2		1/2		1/2		1/2	
3/4	64,083	3/4	52,458	3/4	40,833	3/4	29,208	3/4	17,927	3/4	6,303	3/4		3/4		3/4		3/4	
10	63,841	10	52,216	10	40,591	10	28,965	10	17,684	10	6,060	10		10		10		10	
1/4	63,599	1/4	51,974	1/4	40,349	1/4	28,723	1/4	17,442	1/4	5,818	1/4		1/4		1/4		1/4	
1/2	63,357	1/2	51,732	1/2	40,107	1/2	28,490	1/2	17,200	1/2	5,576	1/2		1/2		1/2		1/2	
3/4	63,115	3/4	51,490	3/4	39,865	3/4	28,256	3/4	16,958	3/4	5,334	3/4		3/4		3/4		3/4	
11	62,872	11	51,247	11	39,622	11	28,023	11	16,716	11	5,092	11		11		11		11	
1/4	62,630	1/4	51,005	1/4	39,380	1/4	27,789	1/4	16,474	1/4	4,850	1/4		1/4		1/4		1/4	
1/2	62,388	1/2	50,763	1/2	39,138	1/2	27,555	1/2	16,232	1/2	4,608	1/2		1/2		1/2		1/2	
3/4	62,146	3/4	50,521	3/4	38,896	3/4	27,322	3/4	15,990	3/4	4,366	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
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PRECISION MEASUREMENT
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BARGE "KIRBY 11339"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	66,198	0	55,744	0	45,291	0	34,837	0	24,397	0	14,044	0	3,683	0		0		0	
1/4	65,980	1/4	55,526	1/4	45,073	1/4	34,619	1/4	24,181	1/4	13,828	1/4	3,467	1/4		1/4		1/4	
1/2	65,762	1/2	55,308	1/2	44,855	1/2	34,401	1/2	23,965	1/2	13,612	1/2	3,252	1/2		1/2		1/2	
3/4	65,545	3/4	55,091	3/4	44,637	3/4	34,184	3/4	23,750	3/4	13,397	3/4	3,038	3/4		3/4		3/4	
1	65,327	1	54,873	1	44,419	1	33,966	1	23,534	1	13,181	1	2,823	1		1		1	
1/4	65,109	1/4	54,655	1/4	44,201	1/4	33,748	1/4	23,318	1/4	12,965	1/4	2,608	1/4		1/4		1/4	
1/2	64,891	1/2	54,437	1/2	43,983	1/2	33,530	1/2	23,102	1/2	12,749	1/2	2,393	1/2		1/2		1/2	
3/4	64,674	3/4	54,220	3/4	43,766	3/4	33,313	3/4	22,887	3/4	12,533	3/4	2,179	3/4		3/4		3/4	
2	64,456	2	54,002	2	43,548	2	33,095	2	22,671	2	12,317	2	1,964	2		2		2	
1/4	64,238	1/4	53,784	1/4	43,330	1/4	32,877	1/4	22,455	1/4	12,101	1/4	1,749	1/4		1/4		1/4	
1/2	64,020	1/2	53,566	1/2	43,112	1/2	32,659	1/2	22,239	1/2	11,885	1/2	1,536	1/2		1/2		1/2	
3/4	63,802	3/4	53,349	3/4	42,895	3/4	32,442	3/4	22,023	3/4	11,670	3/4	1,323	3/4		3/4		3/4	
3	63,584	3	53,131	3	42,677	3	32,224	3	21,807	3	11,454	3	1,110	3		3		3	
1/4	63,366	1/4	52,913	1/4	42,459	1/4	32,006	1/4	21,591	1/4	11,238	1/4	897	1/4		1/4		1/4	
1/2	63,148	1/2	52,695	1/2	42,241	1/2	31,788	1/2	21,375	1/2	11,022	1/2	686	1/2		1/2		1/2	
3/4	62,931	3/4	52,478	3/4	42,024	3/4	31,570	3/4	21,160	3/4	10,806	3/4	476	3/4		3/4		3/4	
4	62,713	4	52,260	4	41,806	4	31,352	4	20,944	4	10,590	4	265	4		4		4	
1/4	62,495	1/4	52,042	1/4	41,588	1/4	31,134	1/4	20,728	1/4	10,374	1/4	54	1/4		1/4		1/4	
1/2	62,277	1/2	51,824	1/2	41,370	1/2	30,916	1/2	20,512	1/2	10,158	1/2		1/2		1/2		1/2	
3/4	62,060	3/4	51,607	3/4	41,153	3/4	30,699	3/4	20,297	3/4	9,943	3/4		3/4		3/4		3/4	
5	61,842	5	51,389	5	40,935	5	30,481	5	20,081	5	9,727	5		5		5		5	
1/4	61,624	1/4	51,171	1/4	40,717	1/4	30,263	1/4	19,865	1/4	9,511	1/4		1/4		1/4		1/4	
1/2	61,406	1/2	50,953	1/2	40,499	1/2	30,045	1/2	19,649	1/2	9,295	1/2		1/2		1/2		1/2	
3/4	61,189	3/4	50,735	3/4	40,282	3/4	29,828	3/4	19,434	3/4	9,079	3/4		3/4		3/4		3/4	
6	60,971	6	50,517	6	40,064	6	29,610	6	19,218	6	8,863	6		6		6		6	
1/4	60,753	1/4	50,299	1/4	39,846	1/4	29,392	1/4	19,002	1/4	8,647	1/4		1/4		1/4		1/4	
1/2	60,535	1/2	50,081	1/2	39,628	1/2	29,174	1/2	18,786	1/2	8,431	1/2		1/2		1/2		1/2	
3/4	60,318	3/4	49,864	3/4	39,411	3/4	28,957	3/4	18,571	3/4	8,215	3/4		3/4		3/4		3/4	
7	60,100	7	49,646	7	39,193	7	28,739	7	18,355	7	7,999	7		7		7		7	
1/4	59,882	1/4	49,428	1/4	38,975	1/4	28,521	1/4	18,139	1/4	7,783	1/4		1/4		1/4		1/4	
1/2	59,664	1/2	49,210	1/2	38,757	1/2	28,303	1/2	17,925	1/2	7,567	1/2		1/2		1/2		1/2	
3/4	59,447	3/4	48,993	3/4	38,540	3/4	28,086	3/4	17,711	3/4	7,352	3/4		3/4		3/4		3/4	
8	59,229	8	48,775	8	38,322	8	27,868	8	17,497	8	7,136	8		8		8		8	
1/4	59,011	1/4	48,557	1/4	38,104	1/4	27,650	1/4	17,283	1/4	6,920	1/4		1/4		1/4		1/4	
1/2	58,793	1/2	48,339	1/2	37,886	1/2	27,432	1/2	17,067	1/2	6,704	1/2		1/2		1/2		1/2	
3/4	58,576	3/4	48,122	3/4	37,668	3/4	27,215	3/4	16,851	3/4	6,488	3/4		3/4		3/4		3/4	
9	58,358	9	47,904	9	37,450	9	26,997	9	16,635	9	6,272	9		9		9		9	
1/4	58,140	1/4	47,686	1/4	37,232	1/4	26,779	1/4	16,419	1/4	6,056	1/4		1/4		1/4		1/4	
1/2	57,922	1/2	47,468	1/2	37,014	1/2	26,561	1/2	16,203	1/2	5,840	1/2		1/2		1/2		1/2	
3/4	57,704	3/4	47,251	3/4	36,797	3/4	26,344	3/4	15,988	3/4	5,625	3/4		3/4		3/4		3/4	
10	57,486	10	47,033	10	36,579	10	26,126	10	15,772	10	5,409	10		10		10		10	
1/4	57,268	1/4	46,815	1/4	36,361	1/4	25,908	1/4	15,556	1/4	5,193	1/4		1/4		1/4		1/4	
1/2	57,050	1/2	46,597	1/2	36,143	1/2	25,692	1/2	15,340	1/2	4,977	1/2		1/2		1/2		1/2	
3/4	56,833	3/4	46,380	3/4	35,926	3/4	25,476	3/4	15,124	3/4	4,761	3/4		3/4		3/4		3/4	
11	56,615	11	46,162	11	35,708	11	25,260	11	14,908	11	4,545	11		11		11		11	
1/4	56,397	1/4	45,944	1/4	35,490	1/4	25,044	1/4	14,692	1/4	4,329	1/4		1/4		1/4		1/4	
1/2	56,179	1/2	45,726	1/2	35,272	1/2	24,828	1/2	14,476	1/2	4,114	1/2		1/2		1/2		1/2	
3/4	55,962	3/4	45,509	3/4	35,055	3/4	24,613	3/4	14,260	3/4	3,898	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 11339"

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 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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8
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	- 00-3/8	00-3/8

(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 - 00-3/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/4"

LENGTH BETWEEN DRAFT MARKS: 172'-00"

June 2, 2022

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

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BARGE "KIRBY 11339"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	54	0	9,795	0	19,729	0	29,588	0	39,727	0	49,866	0	60,003	0	70,136	0	80,280	0	90,421
1/4	234	1/4	10,006	1/4	19,929	1/4	29,799	1/4	39,938	1/4	50,077	1/4	60,214	1/4	70,347	1/4	80,491	1/4	90,632
1/2	414	1/2	10,216	1/2	20,128	1/2	30,011	1/2	40,150	1/2	50,289	1/2	60,425	1/2	70,559	1/2	80,703	1/2	90,844
3/4	593	3/4	10,427	3/4	20,328	3/4	30,222	3/4	40,361	3/4	50,500	3/4	60,636	3/4	70,770	3/4	80,914	3/4	91,055
1	773	1	10,637	1	20,527	1	30,433	1	40,572	1	50,711	1	60,847	1	70,981	1	81,125	1	91,266
1/4	960	1/4	10,848	1/4	20,727	1/4	30,644	1/4	40,783	1/4	50,922	1/4	61,058	1/4	71,193	1/4	81,336	1/4	91,478
1/2	1,147	1/2	11,058	1/2	20,926	1/2	30,856	1/2	40,995	1/2	51,134	1/2	61,269	1/2	71,405	1/2	81,548	1/2	91,689
3/4	1,333	3/4	11,269	3/4	21,126	3/4	31,067	3/4	41,206	3/4	51,345	3/4	61,480	3/4	71,616	3/4	81,759	3/4	91,901
2	1,520	2	11,479	2	21,325	2	31,278	2	41,417	2	51,556	2	61,691	2	71,828	2	81,970	2	92,112
1/4	1,713	1/4	11,690	1/4	21,524	1/4	31,489	1/4	41,628	1/4	51,767	1/4	61,902	1/4	72,039	1/4	82,181	1/4	92,323
1/2	1,905	1/2	11,901	1/2	21,724	1/2	31,701	1/2	41,840	1/2	51,979	1/2	62,113	1/2	72,250	1/2	82,393	1/2	92,535
3/4	2,098	3/4	12,111	3/4	21,923	3/4	31,912	3/4	42,051	3/4	52,190	3/4	62,324	3/4	72,461	3/4	82,604	3/4	92,746
3	2,290	3	12,322	3	22,122	3	32,123	3	42,262	3	52,401	3	62,535	3	72,672	3	82,815	3	92,957
1/4	2,489	1/4	12,533	1/4	22,322	1/4	32,334	1/4	42,473	1/4	52,612	1/4	62,746	1/4	72,883	1/4	83,027	1/4	93,168
1/2	2,687	1/2	12,743	1/2	22,521	1/2	32,546	1/2	42,685	1/2	52,824	1/2	62,957	1/2	73,095	1/2	83,238	1/2	93,380
3/4	2,886	3/4	12,954	3/4	22,721	3/4	32,757	3/4	42,896	3/4	53,035	3/4	63,168	3/4	73,306	3/4	83,450	3/4	93,591
4	3,084	4	13,164	4	22,920	4	32,968	4	43,107	4	53,246	4	63,379	4	73,517	4	83,661	4	93,802
1/4	3,288	1/4	13,375	1/4	23,120	1/4	33,179	1/4	43,318	1/4	53,457	1/4	63,590	1/4	73,728	1/4	83,872	1/4	94,013
1/2	3,491	1/2	13,586	1/2	23,319	1/2	33,391	1/2	43,530	1/2	53,669	1/2	63,801	1/2	73,940	1/2	84,084	1/2	94,225
3/4	3,695	3/4	13,796	3/4	23,519	3/4	33,602	3/4	43,741	3/4	53,880	3/4	64,012	3/4	74,151	3/4	84,295	3/4	94,436
5	3,898	5	14,007	5	23,718	5	33,813	5	43,952	5	54,091	5	64,223	5	74,362	5	84,506	5	94,647
1/4	4,107	1/4	14,218	1/4	23,918	1/4	34,024	1/4	44,163	1/4	54,302	1/4	64,434	1/4	74,574	1/4	84,717	1/4	94,858
1/2	4,315	1/2	14,428	1/2	24,119	1/2	34,236	1/2	44,375	1/2	54,514	1/2	64,645	1/2	74,785	1/2	84,929	1/2	95,070
3/4	4,524	3/4	14,639	3/4	24,319	3/4	34,447	3/4	44,586	3/4	54,725	3/4	64,856	3/4	74,997	3/4	85,140	3/4	95,281
6	4,732	6	14,849	6	24,519	6	34,658	6	44,797	6	54,936	6	65,067	6	75,208	6	85,351	6	95,492
1/4	4,943	1/4	15,060	1/4	24,730	1/4	34,869	1/4	45,008	1/4	55,147	1/4	65,278	1/4	75,419	1/4	85,562	1/4	95,703
1/2	5,154	1/2	15,270	1/2	24,941	1/2	35,081	1/2	45,220	1/2	55,359	1/2	65,489	1/2	75,631	1/2	85,774	1/2	95,915
3/4	5,365	3/4	15,481	3/4	25,152	3/4	35,292	3/4	45,431	3/4	55,570	3/4	65,700	3/4	75,842	3/4	85,985	3/4	96,126
7	5,576	7	15,691	7	25,363	7	35,503	7	45,642	7	55,781	7	65,911	7	76,053	7	86,196	7	96,337
1/4	5,787	1/4	15,902	1/4	25,574	1/4	35,714	1/4	45,853	1/4	55,992	1/4	66,122	1/4	76,264	1/4	86,407	1/4	96,548
1/2	5,998	1/2	16,113	1/2	25,786	1/2	35,926	1/2	46,065	1/2	56,204	1/2	66,333	1/2	76,476	1/2	86,619	1/2	96,760
3/4	6,209	3/4	16,323	3/4	25,997	3/4	36,137	3/4	46,276	3/4	56,415	3/4	66,544	3/4	76,687	3/4	86,830	3/4	96,971
8	6,420	8	16,534	8	26,208	8	36,348	8	46,487	8	56,626	8	66,755	8	76,898	8	87,041	8	97,182
1/4	6,631	1/4	16,734	1/4	26,419	1/4	36,559	1/4	46,698	1/4	56,837	1/4	66,966	1/4	77,110	1/4	87,252	1/4	97,393
1/2	6,842	1/2	16,933	1/2	26,631	1/2	36,770	1/2	46,910	1/2	57,049	1/2	67,178	1/2	77,321	1/2	87,464	1/2	97,605
3/4	7,052	3/4	17,133	3/4	26,842	3/4	36,981	3/4	47,121	3/4	57,260	3/4	67,389	3/4	77,533	3/4	87,675	3/4	97,816
9	7,263	9	17,332	9	27,053	9	37,192	9	47,332	9	57,471	9	67,600	9	77,744	9	87,886	9	98,027
1/4	7,474	1/4	17,533	1/4	27,264	1/4	37,403	1/4	47,543	1/4	57,682	1/4	67,811	1/4	77,955	1/4	88,097	1/4	98,238
1/2	7,685	1/2	17,733	1/2	27,476	1/2	37,615	1/2	47,754	1/2	57,894	1/2	68,023	1/2	78,167	1/2	88,309	1/2	98,450
3/4	7,896	3/4	17,934	3/4	27,687	3/4	37,826	3/4	47,965	3/4	58,105	3/4	68,234	3/4	78,378	3/4	88,520	3/4	98,661
10	8,107	10	18,134	10	27,898	10	38,037	10	48,176	10	58,316	10	68,445	10	78,589	10	88,731	10	98,872
1/4	8,318	1/4	18,333	1/4	28,109	1/4	38,248	1/4	48,387	1/4	58,527	1/4	68,656	1/4	78,800	1/4	88,942	1/4	99,083
1/2	8,529	1/2	18,533	1/2	28,321	1/2	38,460	1/2	48,599	1/2	58,738	1/2	68,868	1/2	79,012	1/2	89,154	1/2	99,295
3/4	8,740	3/4	18,732	3/4	28,532	3/4	38,671	3/4	48,810	3/4	58,948	3/4	69,079	3/4	79,223	3/4	89,365	3/4	99,506
11	8,951	11	18,931	11	28,743	11	38,882	11	49,021	11	59,159	11	69,290	11	79,434	11	89,576	11	99,717
1/4	9,162	1/4	19,131	1/4	28,954	1/4	39,093	1/4	49,232	1/4	59,370	1/4	69,502	1/4	79,646	1/4	89,787	1/4	99,928
1/2	9,373	1/2	19,330	1/2	29,166	1/2	39,305	1/2	49,444	1/2	59,581	1/2	69,713	1/2	79,857	1/2	89,999	1/2	100,140
3/4	9,584	3/4	19,530	3/4	29,377	3/4	39,516	3/4	49,655	3/4	59,792	3/4	69,925	3/4	80,069	3/4	90,210	3/4	100,351

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 21'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 11339"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	100,562	0	110,417	0	119,183	0	127,950	0	136,716	0	144,930	0		0		0		0	
1/4	100,773	1/4	110,600	1/4	119,366	1/4	128,133	1/4	136,899	1/4	145,005	1/4	1/4	1/4		1/4		1/4	
1/2	100,985	1/2	110,782	1/2	119,549	1/2	128,315	1/2	137,082	1/2	145,081	1/2	1/2	1/2		1/2		1/2	
3/4	101,196	3/4	110,965	3/4	119,731	3/4	128,498	3/4	137,264	3/4	145,156	3/4	3/4	3/4		3/4		3/4	
1	101,407	1	111,147	1	119,914	1	128,680	1	137,447	1	145,231	1	1	1		1		1	
1/4	101,618	1/4	111,330	1/4	120,097	1/4	128,863	1/4	137,630	1/4	145,276	1/4	1/4	1/4		1/4		1/4	
1/2	101,830	1/2	111,513	1/2	120,279	1/2	129,046	1/2	137,813	1/2	145,320	1/2	1/2	1/2		1/2		1/2	
3/4	102,041	3/4	111,695	3/4	120,462	3/4	129,228	3/4	137,995	3/4	145,365	3/4	3/4	3/4		3/4		3/4	
2	102,252	2	111,878	2	120,644	2	129,411	2	138,178	2	145,409	2	2	2		2		2	
1/4	102,464	1/4	112,061	1/4	120,827	1/4	129,594	1/4	138,361	1/4	145,423	1/4	1/4	1/4		1/4		1/4	
1/2	102,675	1/2	112,243	1/2	121,010	1/2	129,777	1/2	138,543	1/2	145,437	1/2	1/2	1/2		1/2		1/2	
3/4	102,887	3/4	112,426	3/4	121,192	3/4	129,959	3/4	138,726	3/4		3/4	3/4	3/4		3/4		3/4	
3	103,098	3	112,608	3	121,375	3	130,142	3	138,908	3		3	3	3		3		3	
1/4	103,309	1/4	112,791	1/4	121,558	1/4	130,325	1/4	139,091	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	103,521	1/2	112,974	1/2	121,741	1/2	130,507	1/2	139,274	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	103,732	3/4	113,156	3/4	121,923	3/4	130,690	3/4	139,456	3/4		3/4	3/4	3/4		3/4		3/4	
4	103,943	4	113,339	4	122,106	4	130,872	4	139,639	4		4	4	4		4		4	
1/4	104,154	1/4	113,522	1/4	122,289	1/4	131,055	1/4	139,822	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	104,366	1/2	113,705	1/2	122,471	1/2	131,238	1/2	140,004	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	104,577	3/4	113,887	3/4	122,654	3/4	131,420	3/4	140,187	3/4		3/4	3/4	3/4		3/4		3/4	
5	104,788	5	114,070	5	122,836	5	131,603	5	140,369	5		5	5	5		5		5	
1/4	104,999	1/4	114,253	1/4	123,019	1/4	131,786	1/4	140,552	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	105,211	1/2	114,435	1/2	123,202	1/2	131,968	1/2	140,735	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	105,422	3/4	114,618	3/4	123,384	3/4	132,151	3/4	140,917	3/4		3/4	3/4	3/4		3/4		3/4	
6	105,633	6	114,800	6	123,567	6	132,333	6	141,100	6		6	6	6		6		6	
1/4	105,844	1/4	114,983	1/4	123,750	1/4	132,516	1/4	141,283	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	106,056	1/2	115,166	1/2	123,932	1/2	132,699	1/2	141,465	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	106,267	3/4	115,348	3/4	124,115	3/4	132,881	3/4	141,648	3/4		3/4	3/4	3/4		3/4		3/4	
7	106,478	7	115,531	7	124,297	7	133,064	7	141,830	7		7	7	7		7		7	
1/4	106,689	1/4	115,714	1/4	124,480	1/4	133,247	1/4	142,013	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	106,901	1/2	115,896	1/2	124,663	1/2	133,429	1/2	142,196	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	107,112	3/4	116,079	3/4	124,845	3/4	133,612	3/4	142,378	3/4		3/4	3/4	3/4		3/4		3/4	
8	107,323	8	116,261	8	125,028	8	133,794	8	142,561	8		8	8	8		8		8	
1/4	107,530	1/4	116,444	1/4	125,211	1/4	133,977	1/4	142,744	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	107,736	1/2	116,627	1/2	125,393	1/2	134,160	1/2	142,926	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	107,943	3/4	116,809	3/4	125,576	3/4	134,342	3/4	143,109	3/4		3/4	3/4	3/4		3/4		3/4	
9	108,149	9	116,992	9	125,758	9	134,525	9	143,291	9		9	9	9		9		9	
1/4	108,346	1/4	117,175	1/4	125,941	1/4	134,708	1/4	143,458	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	108,543	1/2	117,357	1/2	126,124	1/2	134,890	1/2	143,626	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	108,740	3/4	117,540	3/4	126,306	3/4	135,073	3/4	143,793	3/4		3/4	3/4	3/4		3/4		3/4	
10	108,937	10	117,722	10	126,489	10	135,255	10	143,960	10		10	10	10		10		10	
1/4	109,124	1/4	117,905	1/4	126,672	1/4	135,438	1/4	144,097	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	109,312	1/2	118,088	1/2	126,854	1/2	135,621	1/2	144,234	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	109,499	3/4	118,270	3/4	127,037	3/4	135,803	3/4	144,370	3/4		3/4	3/4	3/4		3/4		3/4	
11	109,686	11	118,453	11	127,219	11	135,986	11	144,507	11		11	11	11		11		11	
1/4	109,869	1/4	118,636	1/4	127,402	1/4	136,169	1/4	144,613	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	110,052	1/2	118,818	1/2	127,585	1/2	136,351	1/2	144,719	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	110,234	3/4	119,001	3/4	127,767	3/4	136,534	3/4	144,824	3/4		3/4	3/4	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/01/2012 SI
CALCULATED: 05/11/2012 SI
REPRINTED: 06/02/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 11339"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	54	0	11,630	0	23,117	0	34,536	0	46,161	0	57,786	0	69,411	0	81,036	0	92,661	0	104,286
1/4	291	1/4	11,872	1/4	23,351	1/4	34,778	1/4	46,403	1/4	58,028	1/4	69,653	1/4	81,278	1/4	92,903	1/4	104,528
1/2	527	1/2	12,115	1/2	23,585	1/2	35,021	1/2	46,646	1/2	58,271	1/2	69,896	1/2	81,521	1/2	93,146	1/2	104,771
3/4	764	3/4	12,357	3/4	23,818	3/4	35,263	3/4	46,888	3/4	58,513	3/4	70,138	3/4	81,763	3/4	93,388	3/4	105,013
1	1,000	1	12,599	1	24,052	1	35,505	1	47,130	1	58,755	1	70,380	1	82,005	1	93,630	1	105,255
1/4	1,239	1/4	12,841	1/4	24,286	1/4	35,747	1/4	47,372	1/4	58,997	1/4	70,622	1/4	82,247	1/4	93,872	1/4	105,497
1/2	1,478	1/2	13,084	1/2	24,520	1/2	35,990	1/2	47,615	1/2	59,240	1/2	70,865	1/2	82,490	1/2	94,115	1/2	105,740
3/4	1,717	3/4	13,326	3/4	24,754	3/4	36,232	3/4	47,857	3/4	59,482	3/4	71,107	3/4	82,732	3/4	94,357	3/4	105,982
2	1,956	2	13,568	2	24,988	2	36,474	2	48,099	2	59,724	2	71,349	2	82,974	2	94,599	2	106,224
1/4	2,196	1/4	13,810	1/4	25,221	1/4	36,716	1/4	48,341	1/4	59,966	1/4	71,591	1/4	83,216	1/4	94,841	1/4	106,466
1/2	2,437	1/2	14,052	1/2	25,454	1/2	36,958	1/2	48,583	1/2	60,208	1/2	71,833	1/2	83,459	1/2	95,084	1/2	106,709
3/4	2,677	3/4	14,294	3/4	25,687	3/4	37,200	3/4	48,825	3/4	60,450	3/4	72,075	3/4	83,701	3/4	95,326	3/4	106,951
3	2,917	3	14,536	3	25,920	3	37,442	3	49,067	3	60,692	3	72,317	3	83,943	3	95,568	3	107,193
1/4	3,158	1/4	14,778	1/4	26,154	1/4	37,684	1/4	49,309	1/4	60,934	1/4	72,559	1/4	84,185	1/4	95,810	1/4	107,435
1/2	3,400	1/2	15,021	1/2	26,387	1/2	37,927	1/2	49,552	1/2	61,177	1/2	72,802	1/2	84,427	1/2	96,052	1/2	107,677
3/4	3,641	3/4	15,263	3/4	26,621	3/4	38,169	3/4	49,794	3/4	61,419	3/4	73,044	3/4	84,669	3/4	96,294	3/4	107,919
4	3,882	4	15,505	4	26,854	4	38,411	4	50,036	4	61,661	4	73,286	4	84,911	4	96,536	4	108,161
1/4	4,124	1/4	15,747	1/4	27,088	1/4	38,653	1/4	50,278	1/4	61,903	1/4	73,528	1/4	85,153	1/4	96,779	1/4	108,403
1/2	4,366	1/2	15,990	1/2	27,322	1/2	38,896	1/2	50,521	1/2	62,146	1/2	73,771	1/2	85,396	1/2	97,021	1/2	108,646
3/4	4,608	3/4	16,232	3/4	27,555	3/4	39,138	3/4	50,763	3/4	62,388	3/4	74,013	3/4	85,638	3/4	97,264	3/4	108,888
5	4,850	5	16,474	5	27,789	5	39,380	5	51,005	5	62,630	5	74,255	5	85,880	5	97,506	5	109,130
1/4	5,092	1/4	16,716	1/4	28,023	1/4	39,622	1/4	51,247	1/4	62,872	1/4	74,497	1/4	86,122	1/4	97,748	1/4	109,372
1/2	5,334	1/2	16,958	1/2	28,256	1/2	39,865	1/2	51,490	1/2	63,115	1/2	74,740	1/2	86,365	1/2	97,990	1/2	109,615
3/4	5,576	3/4	17,200	3/4	28,490	3/4	40,107	3/4	51,732	3/4	63,357	3/4	74,982	3/4	86,607	3/4	98,232	3/4	109,857
6	5,818	6	17,442	6	28,723	6	40,349	6	51,974	6	63,599	6	75,224	6	86,849	6	98,474	6	110,099
1/4	6,060	1/4	17,684	1/4	28,965	1/4	40,591	1/4	52,216	1/4	63,841	1/4	75,466	1/4	87,091	1/4	98,716	1/4	110,341
1/2	6,303	1/2	17,927	1/2	29,208	1/2	40,833	1/2	52,458	1/2	64,083	1/2	75,708	1/2	87,334	1/2	98,959	1/2	110,584
3/4	6,545	3/4	18,169	3/4	29,450	3/4	41,075	3/4	52,700	3/4	64,325	3/4	75,950	3/4	87,576	3/4	99,201	3/4	110,826
7	6,787	7	18,411	7	29,692	7	41,317	7	52,942	7	64,567	7	76,192	7	87,818	7	99,443	7	111,068
1/4	7,029	1/4	18,653	1/4	29,934	1/4	41,559	1/4	53,184	1/4	64,809	1/4	76,434	1/4	88,060	1/4	99,685	1/4	111,310
1/2	7,272	1/2	18,896	1/2	30,177	1/2	41,802	1/2	53,427	1/2	65,052	1/2	76,677	1/2	88,302	1/2	99,927	1/2	111,552
3/4	7,514	3/4	19,138	3/4	30,419	3/4	42,044	3/4	53,669	3/4	65,294	3/4	76,919	3/4	88,544	3/4	100,169	3/4	111,794
8	7,756	8	19,380	8	30,661	8	42,286	8	53,911	8	65,536	8	77,161	8	88,786	8	100,411	8	112,036
1/4	7,998	1/4	19,614	1/4	30,903	1/4	42,528	1/4	54,153	1/4	65,778	1/4	77,403	1/4	89,028	1/4	100,653	1/4	112,278
1/2	8,240	1/2	19,847	1/2	31,146	1/2	42,771	1/2	54,396	1/2	66,021	1/2	77,646	1/2	89,271	1/2	100,896	1/2	112,521
3/4	8,482	3/4	20,081	3/4	31,388	3/4	43,013	3/4	54,638	3/4	66,263	3/4	77,888	3/4	89,513	3/4	101,138	3/4	112,763
9	8,724	9	20,314	9	31,630	9	43,255	9	54,880	9	66,505	9	78,130	9	89,755	9	101,380	9	113,005
1/4	8,966	1/4	20,548	1/4	31,872	1/4	43,497	1/4	55,122	1/4	66,747	1/4	78,372	1/4	89,997	1/4	101,622	1/4	113,247
1/2	9,209	1/2	20,782	1/2	32,115	1/2	43,740	1/2	55,365	1/2	66,990	1/2	78,615	1/2	90,240	1/2	101,865	1/2	113,490
3/4	9,451	3/4	21,015	3/4	32,357	3/4	43,982	3/4	55,607	3/4	67,232	3/4	78,857	3/4	90,482	3/4	102,107	3/4	113,732
10	9,693	10	21,249	10	32,599	10	44,224	10	55,849	10	67,474	10	79,099	10	90,724	10	102,349	10	113,974
1/4	9,935	1/4	21,483	1/4	32,841	1/4	44,466	1/4	56,091	1/4	67,716	1/4	79,341	1/4	90,966	1/4	102,591	1/4	114,216
1/2	10,178	1/2	21,716	1/2	33,083	1/2	44,708	1/2	56,333	1/2	67,958	1/2	79,583	1/2	91,209	1/2	102,834	1/2	114,459
3/4	10,420	3/4	21,950	3/4	33,325	3/4	44,950	3/4	56,575	3/4	68,200	3/4	79,825	3/4	91,451	3/4	103,076	3/4	114,701
11	10,662	11	22,183	11	33,567	11	45,192	11	56,817	11	68,442	11	80,067	11	91,693	11	103,318	11	114,943
1/4	10,904	1/4	22,417	1/4	33,809	1/4	45,434	1/4	57,059	1/4	68,684	1/4	80,309	1/4	91,935	1/4	103,560	1/4	115,185
1/2	11,146	1/2	22,650	1/2	34,052	1/2	45,677	1/2	57,302	1/2	68,927	1/2	80,552	1/2	92,177	1/2	103,802	1/2	115,427
3/4	11,388	3/4	22,884	3/4	34,294	3/4	45,919	3/4	57,544	3/4	69,169	3/4	80,794	3/4	92,419	3/4	104,044	3/4	115,669

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF "MMC" CLOSED GAUGING VALVE.
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 34'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 11339"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	115,911	0	127,498	0	139,076	0	150,672	0	162,303	0	173,208	0		0		0		0	
1/4	116,153	1/4	127,739	1/4	139,317	1/4	150,914	1/4	162,546	1/4	173,309	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,396	1/2	127,980	1/2	139,559	1/2	151,157	1/2	162,788	1/2	173,410	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,638	3/4	128,221	3/4	139,800	3/4	151,399	3/4	163,031	3/4	173,510	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	116,880	1	128,462	1	140,041	1	151,641	1	163,273	1	173,611	1	1	1	1	1	1	1	1
1/4	117,122	1/4	128,703	1/4	140,282	1/4	151,884	1/4	163,515	1/4	173,672	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,365	1/2	128,945	1/2	140,524	1/2	152,126	1/2	163,758	1/2	173,733	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,607	3/4	129,186	3/4	140,765	3/4	152,369	3/4	164,000	3/4	173,793	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	117,849	2	129,427	2	141,006	2	152,611	2	164,242	2	173,854	2	2	2	2	2	2	2	2
1/4	118,090	1/4	129,668	1/4	141,247	1/4	152,853	1/4	164,484	1/4	173,869	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,332	1/2	129,910	1/2	141,489	1/2	153,096	1/2	164,727	1/2	173,884	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,573	3/4	130,151	3/4	141,730	3/4	153,338	3/4	164,969	3/4	---	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	118,814	3	130,392	3	141,971	3	153,580	3	165,211	3		3	3	3	3	3	3	3	3
1/4	119,055	1/4	130,633	1/4	142,212	1/4	153,822	1/4	165,453	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,297	1/2	130,875	1/2	142,453	1/2	154,065	1/2	165,696	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,538	3/4	131,116	3/4	142,694	3/4	154,307	3/4	165,938	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	119,779	4	131,357	4	142,935	4	154,549	4	166,180	4		4	4	4	4	4	4	4	4
1/4	120,020	1/4	131,598	1/4	143,176	1/4	154,791	1/4	166,423	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,262	1/2	131,840	1/2	143,418	1/2	155,034	1/2	166,665	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,503	3/4	132,081	3/4	143,659	3/4	155,276	3/4	166,908	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	120,744	5	132,322	5	143,900	5	155,518	5	167,150	5		5	5	5	5	5	5	5	5
1/4	120,985	1/4	132,563	1/4	144,141	1/4	155,761	1/4	167,392	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,226	1/2	132,805	1/2	144,383	1/2	156,003	1/2	167,635	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,467	3/4	133,046	3/4	144,624	3/4	156,246	3/4	167,877	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	121,708	6	133,287	6	144,865	6	156,488	6	168,119	6		6	6	6	6	6	6	6	6
1/4	121,949	1/4	133,528	1/4	145,106	1/4	156,730	1/4	168,361	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,191	1/2	133,770	1/2	145,348	1/2	156,973	1/2	168,604	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,432	3/4	134,011	3/4	145,589	3/4	157,215	3/4	168,846	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	122,673	7	134,252	7	145,830	7	157,457	7	169,088	7		7	7	7	7	7	7	7	7
1/4	122,914	1/4	134,493	1/4	146,071	1/4	157,699	1/4	169,331	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,156	1/2	134,735	1/2	146,313	1/2	157,942	1/2	169,573	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,397	3/4	134,976	3/4	146,554	3/4	158,184	3/4	169,816	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	123,638	8	135,217	8	146,795	8	158,426	8	170,058	8		8	8	8	8	8	8	8	8
1/4	123,879	1/4	135,458	1/4	147,037	1/4	158,668	1/4	170,300	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,121	1/2	135,699	1/2	147,280	1/2	158,911	1/2	170,543	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,362	3/4	135,940	3/4	147,522	3/4	159,153	3/4	170,785	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	124,603	9	136,181	9	147,764	9	159,395	9	171,027	9		9	9	9	9	9	9	9	9
1/4	124,844	1/4	136,422	1/4	148,006	1/4	159,638	1/4	171,249	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,086	1/2	136,664	1/2	148,249	1/2	159,880	1/2	171,471	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,327	3/4	136,905	3/4	148,491	3/4	160,123	3/4	171,693	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	125,568	10	137,146	10	148,733	10	160,365	10	171,915	10		10	10	10	10	10	10	10	10
1/4	125,809	1/4	137,387	1/4	148,976	1/4	160,607	1/4	172,097	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,051	1/2	137,629	1/2	149,218	1/2	160,850	1/2	172,279	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,292	3/4	137,870	3/4	149,461	3/4	161,092	3/4	172,460	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	126,533	11	138,111	11	149,703	11	161,334	11	172,642	11		11	11	11	11	11	11	11	11
1/4	126,774	1/4	138,352	1/4	149,945	1/4	161,576	1/4	172,784	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,016	1/2	138,594	1/2	150,188	1/2	161,819	1/2	172,925	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,257	3/4	138,835	3/4	150,430	3/4	162,061	3/4	173,067	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/01/2012 SI
CALCULATED: 05/11/2012 SI
REPRINTED: 06/02/2022 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2022

PRECISION MEASUREMENT
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BARGE "KIRBY 11339"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 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	54	0	10,374	0	20,728	0	31,134	0	41,588	0	52,042	0	62,495	0	72,949	0	83,403	0	93,856
1/4	265	1/4	10,590	1/4	20,944	1/4	31,352	1/4	41,806	1/4	52,260	1/4	62,713	1/4	73,167	1/4	83,621	1/4	94,074
1/2	476	1/2	10,806	1/2	21,160	1/2	31,570	1/2	42,024	1/2	52,478	1/2	62,931	1/2	73,385	1/2	83,839	1/2	94,292
3/4	686	3/4	11,022	3/4	21,375	3/4	31,788	3/4	42,241	3/4	52,695	3/4	63,148	3/4	73,602	3/4	84,056	3/4	94,509
1	897	1	11,238	1	21,591	1	32,006	1	42,459	1	52,913	1	63,366	1	73,820	1	84,274	1	94,727
1/4	1,110	1/4	11,454	1/4	21,807	1/4	32,224	1/4	42,677	1/4	53,131	1/4	63,584	1/4	74,038	1/4	84,492	1/4	94,945
1/2	1,323	1/2	11,670	1/2	22,023	1/2	32,442	1/2	42,895	1/2	53,349	1/2	63,802	1/2	74,256	1/2	84,710	1/2	95,163
3/4	1,536	3/4	11,885	3/4	22,239	3/4	32,659	3/4	43,112	3/4	53,566	3/4	64,020	3/4	74,473	3/4	84,927	3/4	95,380
2	1,749	2	12,101	2	22,455	2	32,877	2	43,330	2	53,784	2	64,238	2	74,691	2	85,145	2	95,598
1/4	1,964	1/4	12,317	1/4	22,671	1/4	33,095	1/4	43,548	1/4	54,002	1/4	64,456	1/4	74,909	1/4	85,363	1/4	95,816
1/2	2,179	1/2	12,533	1/2	22,887	1/2	33,313	1/2	43,766	1/2	54,220	1/2	64,674	1/2	75,127	1/2	85,581	1/2	96,034
3/4	2,393	3/4	12,749	3/4	23,102	3/4	33,530	3/4	43,983	3/4	54,437	3/4	64,891	3/4	75,344	3/4	85,798	3/4	96,252
3	2,608	3	12,965	3	23,318	3	33,748	3	44,201	3	54,655	3	65,109	3	75,562	3	86,016	3	96,470
1/4	2,823	1/4	13,181	1/4	23,534	1/4	33,966	1/4	44,419	1/4	54,873	1/4	65,327	1/4	75,780	1/4	86,234	1/4	96,688
1/2	3,038	1/2	13,397	1/2	23,750	1/2	34,184	1/2	44,637	1/2	55,091	1/2	65,545	1/2	75,998	1/2	86,452	1/2	96,906
3/4	3,252	3/4	13,612	3/4	23,965	3/4	34,401	3/4	44,855	3/4	55,308	3/4	65,762	3/4	76,215	3/4	86,669	3/4	97,123
4	3,467	4	13,828	4	24,181	4	34,619	4	45,073	4	55,526	4	65,980	4	76,433	4	86,887	4	97,341
1/4	3,683	1/4	14,044	1/4	24,397	1/4	34,837	1/4	45,291	1/4	55,744	1/4	66,198	1/4	76,651	1/4	87,105	1/4	97,559
1/2	3,898	1/2	14,260	1/2	24,613	1/2	35,055	1/2	45,509	1/2	55,962	1/2	66,416	1/2	76,869	1/2	87,323	1/2	97,777
3/4	4,114	3/4	14,476	3/4	24,828	3/4	35,272	3/4	45,726	3/4	56,179	3/4	66,633	3/4	77,087	3/4	87,540	3/4	97,994
5	4,329	5	14,692	5	25,044	5	35,490	5	45,944	5	56,397	5	66,851	5	77,305	5	87,758	5	98,212
1/4	4,545	1/4	14,908	1/4	25,260	1/4	35,708	1/4	46,162	1/4	56,615	1/4	67,069	1/4	77,523	1/4	87,976	1/4	98,430
1/2	4,761	1/2	15,124	1/2	25,476	1/2	35,926	1/2	46,380	1/2	56,833	1/2	67,287	1/2	77,741	1/2	88,194	1/2	98,648
3/4	4,977	3/4	15,340	3/4	25,692	3/4	36,143	3/4	46,597	3/4	57,050	3/4	67,504	3/4	77,958	3/4	88,411	3/4	98,865
6	5,193	6	15,556	6	25,908	6	36,361	6	46,815	6	57,268	6	67,722	6	78,176	6	88,629	6	99,083
1/4	5,409	1/4	15,772	1/4	26,126	1/4	36,579	1/4	47,033	1/4	57,486	1/4	67,940	1/4	78,394	1/4	88,847	1/4	99,301
1/2	5,625	1/2	15,988	1/2	26,344	1/2	36,797	1/2	47,251	1/2	57,704	1/2	68,158	1/2	78,612	1/2	89,065	1/2	99,519
3/4	5,840	3/4	16,203	3/4	26,561	3/4	37,014	3/4	47,468	3/4	57,922	3/4	68,375	3/4	78,829	3/4	89,282	3/4	99,736
7	6,056	7	16,419	7	26,779	7	37,232	7	47,686	7	58,140	7	68,593	7	79,047	7	89,500	7	99,954
1/4	6,272	1/4	16,635	1/4	26,997	1/4	37,450	1/4	47,904	1/4	58,358	1/4	68,811	1/4	79,265	1/4	89,718	1/4	100,172
1/2	6,488	1/2	16,851	1/2	27,215	1/2	37,668	1/2	48,122	1/2	58,576	1/2	69,029	1/2	79,483	1/2	89,936	1/2	100,390
3/4	6,704	3/4	17,067	3/4	27,432	3/4	37,886	3/4	48,339	3/4	58,793	3/4	69,246	3/4	79,700	3/4	90,154	3/4	100,607
8	6,920	8	17,283	8	27,650	8	38,104	8	48,557	8	59,011	8	69,464	8	79,918	8	90,372	8	100,825
1/4	7,136	1/4	17,497	1/4	27,868	1/4	38,322	1/4	48,775	1/4	59,229	1/4	69,682	1/4	80,136	1/4	90,590	1/4	101,043
1/2	7,352	1/2	17,711	1/2	28,086	1/2	38,540	1/2	48,993	1/2	59,447	1/2	69,900	1/2	80,354	1/2	90,808	1/2	101,261
3/4	7,567	3/4	17,925	3/4	28,303	3/4	38,757	3/4	49,210	3/4	59,664	3/4	70,118	3/4	80,571	3/4	91,025	3/4	101,478
9	7,783	9	18,139	9	28,521	9	38,975	9	49,428	9	59,882	9	70,336	9	80,789	9	91,243	9	101,696
1/4	7,999	1/4	18,355	1/4	28,739	1/4	39,193	1/4	49,646	1/4	60,100	1/4	70,554	1/4	81,007	1/4	91,461	1/4	101,914
1/2	8,215	1/2	18,571	1/2	28,957	1/2	39,411	1/2	49,864	1/2	60,318	1/2	70,772	1/2	81,225	1/2	91,679	1/2	102,132
3/4	8,431	3/4	18,786	3/4	29,174	3/4	39,628	3/4	50,081	3/4	60,535	3/4	70,989	3/4	81,442	3/4	91,896	3/4	102,349
10	8,647	10	19,002	10	29,392	10	39,846	10	50,299	10	60,753	10	71,207	10	81,660	10	92,114	10	102,567
1/4	8,863	1/4	19,218	1/4	29,610	1/4	40,064	1/4	50,517	1/4	60,971	1/4	71,425	1/4	81,878	1/4	92,332	1/4	102,785
1/2	9,079	1/2	19,434	1/2	29,828	1/2	40,282	1/2	50,735	1/2	61,189	1/2	71,643	1/2	82,096	1/2	92,550	1/2	103,003
3/4	9,295	3/4	19,649	3/4	30,045	3/4	40,499	3/4	50,953	3/4	61,406	3/4	71,860	3/4	82,313	3/4	92,767	3/4	103,221
11	9,511	11	19,865	11	30,263	11	40,717	11	51,171	11	61,624	11	72,078	11	82,531	11	92,985	11	103,439
1/4	9,727	1/4	20,081	1/4	30,481	1/4	40,935	1/4	51,389	1/4	61,842	1/4	72,296	1/4	82,749	1/4	93,203	1/4	103,657
1/2	9,943	1/2	20,297	1/2	30,699	1/2	41,153	1/2	51,607	1/2	62,060	1/2	72,514	1/2	82,967	1/2	93,421	1/2	103,875
3/4	10,158	3/4	20,512	3/4	30,916	3/4	41,370	3/4	51,824	3/4	62,277	3/4	72,731	3/4	83,185	3/4	93,638	3/4	104,092

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP 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 11339"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

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	104,310	0	114,724	0	125,131	0	135,556	0	146,016	0	155,823	0		0		0		0	
1/4	104,528	1/4	114,941	1/4	125,348	1/4	135,774	1/4	146,234	1/4	155,914	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,746	1/2	115,158	1/2	125,565	1/2	135,992	1/2	146,452	1/2	156,005	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,963	3/4	115,375	3/4	125,781	3/4	136,210	3/4	146,670	3/4	156,095	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,181	1	115,592	1	125,998	1	136,428	1	146,888	1	156,186	1	1	1	1	1	1	1	1
1/4	105,399	1/4	115,809	1/4	126,215	1/4	136,646	1/4	147,106	1/4	156,241	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,617	1/2	116,026	1/2	126,432	1/2	136,864	1/2	147,324	1/2	156,295	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,834	3/4	116,242	3/4	126,649	3/4	137,081	3/4	147,542	3/4	156,350	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,052	2	116,459	2	126,866	2	137,299	2	147,760	2	156,404	2	2	2	2	2	2	2	2
1/4	106,269	1/4	116,676	1/4	127,083	1/4	137,517	1/4	147,978	1/4	156,422	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,486	1/2	116,893	1/2	127,300	1/2	137,735	1/2	148,196	1/2	156,440	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,702	3/4	117,109	3/4	127,516	3/4	137,953	3/4	148,413	3/4	156,458	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	106,919	3	117,326	3	127,733	3	138,171	3	148,631	3		3	3	3	3	3	3	3	3
1/4	107,136	1/4	117,543	1/4	127,950	1/4	138,389	1/4	148,849	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,353	1/2	117,760	1/2	128,167	1/2	138,607	1/2	149,067	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,569	3/4	117,976	3/4	128,383	3/4	138,825	3/4	149,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	107,786	4	118,193	4	128,600	4	139,043	4	149,503	4	4	4	4	4	4	4	4	4	4
1/4	108,003	1/4	118,410	1/4	128,817	1/4	139,261	1/4	149,721	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,220	1/2	118,627	1/2	129,034	1/2	139,479	1/2	149,939	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,437	3/4	118,844	3/4	129,251	3/4	139,696	3/4	150,157	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,654	5	119,061	5	129,468	5	139,914	5	150,375	5	5	5	5	5	5	5	5	5	5
1/4	108,871	1/4	119,278	1/4	129,685	1/4	140,132	1/4	150,593	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,088	1/2	119,495	1/2	129,902	1/2	140,350	1/2	150,811	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,304	3/4	119,711	3/4	130,118	3/4	140,568	3/4	151,028	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,521	6	119,928	6	130,335	6	140,786	6	151,246	6	6	6	6	6	6	6	6	6	6
1/4	109,738	1/4	120,145	1/4	130,552	1/4	141,004	1/4	151,464	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,955	1/2	120,362	1/2	130,769	1/2	141,222	1/2	151,682	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,171	3/4	120,578	3/4	130,985	3/4	141,440	3/4	151,900	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,388	7	120,795	7	131,202	7	141,658	7	152,118	7	7	7	7	7	7	7	7	7	7
1/4	110,605	1/4	121,012	1/4	131,419	1/4	141,876	1/4	152,336	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,822	1/2	121,229	1/2	131,636	1/2	142,094	1/2	152,554	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,038	3/4	121,445	3/4	131,852	3/4	142,311	3/4	152,772	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,255	8	121,662	8	132,069	8	142,529	8	152,990	8	8	8	8	8	8	8	8	8	8
1/4	111,472	1/4	121,879	1/4	132,287	1/4	142,747	1/4	153,208	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,689	1/2	122,096	1/2	132,505	1/2	142,965	1/2	153,426	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,906	3/4	122,313	3/4	132,723	3/4	143,183	3/4	153,643	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,123	9	122,530	9	132,941	9	143,401	9	153,861	9	9	9	9	9	9	9	9	9	9
1/4	112,340	1/4	122,747	1/4	133,159	1/4	143,619	1/4	154,061	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,557	1/2	122,964	1/2	133,377	1/2	143,837	1/2	154,261	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,773	3/4	123,180	3/4	133,595	3/4	144,055	3/4	154,460	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	112,990	10	123,397	10	133,813	10	144,273	10	154,660	10	10	10	10	10	10	10	10	10	10
1/4	113,207	1/4	123,614	1/4	134,031	1/4	144,491	1/4	154,824	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,424	1/2	123,831	1/2	134,249	1/2	144,709	1/2	154,987	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,640	3/4	124,047	3/4	134,466	3/4	144,927	3/4	155,151	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	113,857	11	124,264	11	134,684	11	145,145	11	155,314	11	11	11	11	11	11	11	11	11	11
1/4	114,074	1/4	124,481	1/4	134,902	1/4	145,363	1/4	155,441	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,291	1/2	124,698	1/2	135,120	1/2	145,581	1/2	155,569	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,507	3/4	124,914	3/4	135,338	3/4	145,798	3/4	155,696	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 06/2022

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