

12 INTERNATIONAL TWELVE METRE CLASS

Yacht's Name	TRIVIA (No Engine)				
National letters and Sail Number	K-10	Club			
Designer	Charles Nicholson				
Builder	Camper and Nicholson Building Year 1937				
Owner	Trivia GmbH				
Owner's Address	Rothenbaumchaussee 69, 20148, Hamburg, Germany				
Lloyds R class certificate (Number or Date)	Lloyds				
APPENDIX	E RATING	CERTIFIC	ATE		
This yacht has been measured by measur and has been foun					
This certificate is dated	July 12, 2014		1/.		
Measurer	K McAlpine	Sig	nature		
Valid until	July 11, 2016		1, M. A		
Supersedes	September 18, 2	2007	World		
Whitalpine			TWELVE METRE ASSOCIATION		
SignatureITMA Technical Director			amp of Authority of the nal Twelve Metre Association		
PROVISIONAL C	ERTIFICA	TE REVAL	IDATION		
This yacht has been declared by the Owner to be Accordingly this certificate has been revalidated and remain by a cl	_	ch 30, 2020 subjec	· ·		
Signature Ma	arch 31, 2018 r				

Yacht's name: TRIVIA (No Engine) K-10 12/07/2014

RATING CALCULATION

Girth at Bow 1.630 1.2000 1.20	OVERALL LENGTH					21.271
Total Overhang (Subtract) MEASURED LENGTH (L1 L1) Girth at Bow Twice vertical Height at Bow (Subtract) O at Bow Add 1 1/2 O at Bow (min 0.540 m) Girth at Stern Girth at Stern Girth at Stern Twice vertical Height at Stern (Subtract) O at Stern Add 1/3 O at Stern (min 0.400 m) Add any penalty (Beam) Sum of Length and Girth Corrections Age Date and Allowance CORRECT LENGTH L Skin of to of 1 Port Chain of to of 1 Starboard Chain of to of 1 Starboard Chain of to of 1 Starboard Add GIRTH 2 d Mean Freeboard Bow O Mean Freeboard Stern O Sum of Freeboards Sum of Freeboa	Overhang Forward to L1				2.650	
MEASURED LENGTH (L1 L1) 15.927 Girth at Bow 1.630 Twice vertical Height at Bow (Subtract) 0.430 O at Bow 0.430 Add 1 1/2 O at Bow (min 0.540 m) 0.645 Girth at Stern 2.892 Twice vertical Height at Stern (Subtract) 1.572 O at Stern 1.320 Add 1/3 O at Stern (min 0.400 m) 0.440 Add any penalty (Beam) 0.000 Sum of Length and Girth Corrections 4.000 Age Date and Allowance 1937 CORRECT LENGTH L 5.000 Skin d to d1 Port 0.014 Chain d to d1 Starboard 0.014 Chain d to d1 Starboard 0.014 Chain d to d1 Starboard 0.014 Add GIRTH 2 d 0.036 Mean Freeboard Bow O Actual 1.405 Mean Freeboard Stern O Actual 0.966 Sum of Freeboards 3.437 Subtract FREEBOARD, F Actual 0.966 Add SAIL AREAS (Square root) 13.217 TOTAL OF MEASUREMENTS 0.0000 </td <td>Overhang Aft to L1</td> <td></td> <td></td> <td></td> <td>2.694</td> <td></td>	Overhang Aft to L1				2.694	
Girth at Bow 1.630 1.2000 1.20	Total Overhang (Subtract)				5.344	
Twice vertical Height at Bow (Subtract) O at Bow Add 1 1/2 O at Bow (min 0.540 m) Girth at Stern Twice vertical Height at Stern (Subtract) O at Stern Add 1/3 O at Stern (min 0.400 m) Add any penalty (Beam) Sum of Length and Girth Corrections Age Date and Allowance CORRECT LENGTH L Skin d to d1 Port Chain d to d1 Starboard Chain d to d1 Starboard Add d Add GIRTH 2 d Mean Freeboard Bow O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Mean Freeboard Measurement July 12, 2014 Measurer's Name(s) K McAlpine 1.200 0.430 0.645 0.645 0.644 0.044	MEASURED LENGTH (L1 L1)					15.927
O at Bow Add 1 1/2 O at Bow (min 0.540 m) Girth at Stern Twice vertical Height at Stern (Subtract) O at Stern Add 1/3 O at Stern (min 0.400 m) Add any penalty (Beam) Sum of Length and Girth Corrections Age Date and Allowance CORRECT LENGTH L Skin d to d1 Port Chain d to d1 Port Ghain d to d1 Starboard Add GIRTH 2 d Mean Freeboard Bow O Mean Freeboard Midship d Mean Freeboards Sum of Freeboards Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Gaster Casses C.4892 1.572 2.892 1.572 1.320 1.000 17.012 Allowance 0.9590 17.012 16.314 1.005 16.314 1.012 10.014 10.014 10.014 10.028 10.014 10.028 10.056 10.056 10.056 10.066 10.06	Girth at Bow				1.630	
Add 1 1/2 O at Bow (min 0.540 m) Girth at Stern Twice vertical Height at Stern (Subtract) O at Stern Add 1/3 O at Stern (min 0.400 m) Add any penalty (Beam) Sum of Length and Girth Corrections Age Date and Allowance CORRECT LENGTH L Skin d to d1 Port Chain d to d1 Port Skin d to d1 Starboard Chain d to d1 Starboard Add d Add GIRTH 2 d Mean Freeboard Bow O Mean Freeboard Midship d Mean Freeboard Stern O Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) K McAlpine 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.320 1.321 1.320 1.321 1.320 1.321 1.320 1.321	Twice vertical Height at Bow (Subtract)				1.200	
Cirth at Stern Twice vertical Height at Stern (Subtract)	O at Bow				0.430	
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Add 1/3 O at Stern (min 0.400 m) Add any penalty (Beam) Sum of Length and Girth Corrections Age Date and Allowance CORRECT LENGTH L Skin d to d1 Port Chain d to d1 Port Skin d to d1 Starboard Chain d to d1 Starboard Chain d to d1 Starboard Chain d to d1 Starboard Add d Chain d to d1 Starboard Add d Mean Freeboard Bow O Mean Freeboard Midship d Mean Freeboard Stern O Sum of Freeboards Substract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) Measurer's Name(s) K McAlpine Signature 1937 Allowance 0.9590 117.012 16.314		t)			1.572	
Add any penalty (Beam) Sum of Length and Girth Corrections Age Date and Allowance ### CORRECT LENGTH L Skin d to d1 Port Chain d to d1 Port d Port Skin d to d1 Starboard Chain d to d1 Starboard Chain d to d1 Starboard d Starboard Add d ### Add d ### Add d ### Actual Measurer's Name(s) ### Add any penalty (Beam) ### 17.012 ### 16.314						
Sum of Length and Girth Corrections Age Date and Allowance CORRECT LENGTH L Skin d to d1 Port Chain d to d1 Port Skin d to d1 Starboard Chain d to d1 Starboard Chain d to d1 Starboard d Starboard Add d Add GIRTH 2 d Mean Freeboard Bow O Sum of Freeboard Stern O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Allowance 1937 Allowance 0.9590 Allowance 0.9590 16.314						
Age Date and Allowance					0.000	
16.314 Skin d to d1 Port Chain d to d1 Port Chain d to d1 Port Chain d to d1 Starboard					1	17.012
Skin d to d1 Port Chain d to d1 Port d Port Skin d to d1 Starboard Chain d to d1 Starboard Chain d to d1 Starboard d Starboard Add d Add GIRTH 2 d Mean Freeboard Bow O Mean Freeboard Midship d Mean Freeboard Stern O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement K McAlpine Signature July 12, 2014 K McAlpine Signature	•	1937	Allowance	0.9590		10011
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d Port Skin d to d1 Starboard Chain d to d1 Starboard Chain d to d1 Starboard d Starboard						
Skin d to d1 Starboard Chain d to d1 Starboard d Starboard Add d Add GIRTH 2 d Mean Freeboard Bow O Mean Freeboard Midship d Mean Freeboard Stern O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) Signature Actual 1.405 1.405 1.405 1.066 1.066 1.066 0.966 0.966 1.066 1.					0.014	
Chain d to d1 Starboard 0.014 d Starboard 0.014 Add GIRTH 2 d 0.056 Mean Freeboard Bow O Actual 1.405 1.405 Mean Freeboard Midship d Actual 0.966 1.066 1.066 Mean Freeboard Stern O Actual 0.966 0.966 0.966 Sum of Freeboards 3.437 See Notes 1.146 Add SAIL AREAS (Square root) 5ee Notes 1.146 TOTAL OF MEASUREMENTS 28.441 PENALTY (Draught) 0.000 RATING 12.000 Date and place of Measurement July 12, 2014 Measurer's Name(s) K McAlpine Signature					0.014	
Add d Add GIRTH 2 d Add GIRTH 2 d Actual 1.405 1.405 1.405 Actual 1.066 1.066 Actual 1.066 1.066 Actual 1.066 Actual 1.066 0.966 Actual 0.966 0.966 Actual 0.966 0.966 Actual						
Add GIRTH 2 d Mean Freeboard Bow O Mean Freeboard Midship d Mean Freeboard Stern O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) Actual 1.405 1.405 1.405 1.405 1.405 1.405 1.406 0.966 0.966 0.966 1.3437 See Notes 1.146 13.217 28.441 6.000 Measurer's Name(s)					0.014	
Add GIRTH 2 d Mean Freeboard Bow O Mean Freeboard Midship d Mean Freeboard Stern O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) Actual 1.405 1.405 1.405 1.405 1.405 Actual 0.966 0.966 3.437 See Notes 1.146 13.217 28.441 Measurer's Name(s)						
Mean Freeboard Bow O Mean Freeboard Midship d Mean Freeboard Stern O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) Actual 1.405 1.066 1.066 0.966 3.437 See Notes 1.146 1.405 1.000 1.000 1.000 1.000 1.000 1.000					0.028	0.056
Mean Freeboard Midship d Mean Freeboard Stern O Mean Freeboard Stern O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) Actual 1.066 0.966 0.966 See Notes 1.146 1.066 0.966 0.966 0.966 0.966 0.966 0.966 0.966 0.966 1.000 0.966			Actual	1 405	1 405	0.050
Mean Freeboard Stern O Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) Actual 0.966 0.966 3.437 See Notes 1.146 28.441 0.000 Table Signature						
Sum of Freeboards Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) See Notes 1.146 28.441 0.000 12.000	•					
Subtract FREEBOARD, F Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) See Notes 1.146 28.441 28.441 5.000 12.000			Actual	0.900		
Add SAIL AREAS (Square root) TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) Light 13.217 28.441 0.000 12.000						
TOTAL OF MEASUREMENTS PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) Light 28.441 July 12, 2014 K McAlpine Signature	· · · · · · · · · · · · · · · · · · ·				See Notes	
PENALTY (Draught) RATING Date and place of Measurement Measurer's Name(s) K McAlpine Signature	Add SAIL AREAS (Square root)					13.217
PATING Date and place of Measurement Measurer's Name(s) July 12, 2014 K McAlpine Signature	TOTAL OF MEASUREMENTS					28.441
Date and place of Measurement July 12, 2014 Measurer's Name(s) K McAlpine Signature	PENALTY (Draught)				0.000	
Measurer's Name(s) K McAlpine Signature	RATING					12.000
	Date and place of Measurement	July 12, 2014			1/	
	Measurer's Name(s)	K McAlnine	Signature		Khill	Spino
	Certificate Revalidated	•	•	Valid I Intil	- <i>/</i>	larch 30, 2020

Yacht's	name : TRIVIA (No Eng.	ine)	K-10	12-Jul-14
	PENALTIES	S		
Overhang Forward to L Overhang Aft to L Subtract from overall length Difference of imersion from salt			3.170 3.518 6.688	
WATERLINE LENGTH Minimum Displacement for Zero Minimum Weight for Zero Penalt	,	5)	28.838 29.559	14.583
WEIGHT [ton] Additional weig Equivalent LWL (for Displ. < min Difference DISPLACEMENT PENALTY (ad	.)			Append E Cert
DRAUGHT (actual) Max. Draught for Zero Penalty Difference (if positive) DRAUGHT PENALTY (add to Re	ating)		2.832 2.799 0.033	0.000
BEAM (Min) Max Beam at 1/3 of Midship Free Difference (if positive) BEAM PENALTY (add to L)	eboard		3.600 3.610 -0.010	0.000
Tumblehome Max. (2 x 2% of Ex Extreme Beam Beam at deck Difference (if positive)	,		0.144 3.610 3.510 0.100	
TUMBLEHOME PENALTY (add Date and place of Measurement	to Rating) July 12, 2014			0.000
Measurer's Name(s)	•	nature	White	Bus
Certificate Revalidated	March 31, 2018 Cer		, C /	arch 30, 2020

Yacht's n	ame : TRIVIA (No Engine)	K-10	12-Jul-14		
SAIL PLAN					
Max Height of Sail Plan =	25.000 J= 6.8	80 I =	18.740		
Boom Height =	1.220 A= 23.7	80 B =	10.084		
Rated Mainsail Area	119.899 Spi boom= 6.8	,	13.217		
Rated Foretriangle Area TOTAL RATED SAIL AREA	54.796 Propeller of the corrected Corrected Propeller of the corrected Prop	allowance I sail area	1.000 174.695		
SAIL LIMITS Mainsail max girth:	1/2 height (68%) 6.857	3/4 height (41%)	4.134		
Genoa: max. fo	ot length (J + 4.8m) 11.680				
Spinnaker: 1/2 foot ma	ax breadth (125% J) 8.600	max. luff length=	18.470		
	Spar Measurement				
MAST (material)	Aluminium Mast Weight	CG pos.			
Mast dimensions [mm]	Deck Half-Height Jib-Haly	rard Head			
Sections area [cm ²]					
Eng	ine/Propeller Installation				
Engine and propeller weight Minimum boat speed with engine Engine model and power	Propeller diameter Propeller position None	_			
	Flotation				
Internal Ballast	Nil				
 Measured according to 1934 Rule 	Measurer's Notes				
2 Age Allowance takes account of B					
3 Certificate assumes engine and predaments4 Certificate based on float in Barce	op are NOT fitted whilst racing lona and calculations from IMS Hull Data	a			
5					
Date and place of Measurement	July 12, 2014	1/19	W i		
Measurer's Name(s) Certificate Revalidated	K McAlpine Signature March 31, 2018 Certificate Valid Unt	il M	arch 30, 2020		