

INTERNATIONAL TWELVE METRE CLASS

<u>12</u>

Appendix E Measurement Certificate

Yacht's Name	Vanity V			National letters and Sail Number K5								
Designer	W. Fife	Fairlie		Year built	1936							
Owner	Pa	Club										
Owner's Address		rtsrederi Vanity V c		3 Copenhager	n. Denmark							
Classification certifica	te (Number or Date)		Lloyds	- сороння до	.,							
Classification certifica	(Number of Date)		Lioyus									
This yacht has been measured by approved measurer(s) and has been found to rate not more than 12.000 metres												
This certific	ate is dated 12-Jul-14	Barcelona	Valid until	11-Jul-16		dia	AM . A					
Measurer	McAlpine/Sironi	Measurer signatu	ıre	h Albria		" Just	3					
Wodouror	mor apmoron	ITMA Technical Dir	ector	hallpine		Hon	lorld					
Supersedes	13-Jun-07		R	hellpine			NATIONAL VE METRE OCIATION					
PROVISIONAL CERTIFICATE REVALIDATION												
This yacht has been declared by the Owner to be unchanged from her previous revalidated certificate dated July 12, 2014.												
Accordingly this certification	lidated and remai	ns valid until March 30, 20	20 subject to a su	ccessful flotation b	eing carried out b	y a class measu	rer prior to racing.					
Cianatura	V. h. albie	oveb 01 0010										
Signature	MA Technical Director	arch 21, 2018										
		ATINIC CA	I CIII A	TIONS								
RATING CALCULATIONS												
OVERALL LENGTH							21.572					
Overhang	Forward to L1				2.967							
Overhang Aft to L1 3.2												
Total Overhang (Subtract)												
MEASURED LENGTI	H (L1 L1)					1	15.319					
Girth at Bo					1.655							
Twice vertical Heigth at Bow (Subtract)												
O at Bow												
Add 1 1/2	0.683											
Girth at Stern 3.296												
Twice vertical Heigth at Stern (Subtract) 0.866												
O at Stern 1.5												
Add 1/3 O at Stern (min 0.400 m) 0.8												
Add any penalty (Displ.) 0.000												
Sum of length, girth correction and penalty 16.523												
	ate allowance	1936	Allowance	0.958								
CORRECT LENGTH					2	1	15.829					
Skin d to d					3.185							
Chain d to	d1 Port				3.170							
d Port					0.015							
	I1 Starboard				3.186							
	d1 Starboard				3.170							
d Starboar	d				0.016							
Add d					0.031							
Add GIRTH 2 d				1		1	0.062					
	eboard Bow O	Actual	1.301	-	1.301							
	eboard Midship d	Actual	1.011	-	1.011							
Mean Freeboard Stern O Actual 1.046					1.046							
Sum of Fre					3.358		1.119					
Subtract FREEBOARD, F												
Add SAIL AREAS (Square root)							13.669					
TOTAL OF MEASUR					0.000		28.441					
PENALTY	(Draugnt)				0.000		12 000					

Yacht's name : Vanity V	K5		Р	age 2		12/07/2014						
PENALTIES												
Overhang Forward to L Overhang Aft to L Subtract from overall leng	yth			3.554 3.938 7.492								
WATERLINE LENGTH			_			14.080						
Minimum Displacement for Minimum Weight for Zero	or Zero Penalty [m3] Penalty [ton] (Water of sg 1.0	025)	E	26.092 26.745								
DISPLACEMENT (by weighing)						26.800						
Equivalent LWL (for Disp DISPLACEMENT PENAL	•		L			0.000						
DRAUGHT (actual)			Г	2.701								
Max. Draught for Zero Pe	nalty		2.753									
Difference (if positive)												
DRAUGHT PENALTY (ac	ld to Rating)					0.000						
BEAM (Min)				3.600								
Max Beam at 1/3 of Midsl	nip Freeboard		_	3.721								
Difference (if positive) BEAM PENALTY (add to	1)		L			0.000						
Tumblehome Max. (2 x 2°			F	0.149	<u> </u>	0.000						
Extreme Beam	,			3.721								
Beam at deck				3.600								
Difference (if positive)	V (11: 5 :)				-	2 222						
TUMBLEHOME PENALT	Y (add to Rating)					0.000						
	Si	AIL PLAN										
Height of Sail Plan 25.000	J = 6.180	A=	23.910		I =	18.300						
Spi pole 7.270		Boom Height	1.090		B=	10.900						
Rated Mainsail Area 130.310	Rated Foretriangle Ar	rea= 56.542	ТОТ	TAL RATED SAIL AI	REA =	186.852						
Propeller allowance 0.975	Corrected sail	area 182.181			S=	13.669						
SAIL LIMITS max girth at 1/2 height (68%)	7.548		Genoa m	ax. foot length (J +	4.8m)	10.980						
max girth at 3/4 height (41%)	4.551		Spin	nnaker max. luff leng	gth [m]	18.500						
			1/2 foo	ot max width (125%	J) [m]	9.125						
	004004	E A OLIDE MENTO										
	SPARS M	IEASUREMENTS										
MAST (material) Wood	Mast Weight [kg]	0	Mast CG po	sition (from meas. p	point)	0.000						
Deck	Half-Height	Jib-Halyard	· -	Head	,							
Mast dimensions 300x265	300x265	224x250		131x139								
Flotation												
Water salinity 1.025	Difference of	of immersion [m] fro	om standard s	salt water [1.025 kg/	dm31	0.000						
Internal Ballast [kg] 250kg Loc. from bow [m]												
				200. 110111 001	rj	7.900						
	Meas	Measurer's Notes										