


6

INTERNATIONAL SIX METRE CLASS

Yacht's Name Melita
National letters and Sail Number GBR42 Club _____
Designer Fife
Builder Fairlie (GB) Building Year 1934
Owner David Roberts
Owner's Address 0
Lloyds R class certificate (Number or Date) Norske Veritas

RATING CERTIFICATE		(sea water)
This yacht has been measured by measurer(s) approved by this Authority and has been found to rate not more than 6.000 metres (or 6.03 if measured in fresh water)		
This certificate is dated	<u>10 juin 06</u>	<u>Stockholm</u>
and its validity confirmed by	<u>Jan.00</u>	<u>ISAF-6m Class measurer</u>
for Swiss Sailing		(enter name of National Authority)
Valid until	<u>9 juin 08</u>	
Supersedes	<u>22/5/1984</u>	(enter former certif. number or date)
Signature 		Stamp of Authority

OVERALL LENGTH		10.990
Overhang Forward to L1	1.548	
Overhang Aft to L1	1.709	
Total Overhang (Subtract)	3.257	
MEASURED LENGTH (L1 L1)		7.733
Girth at Bow	0.845	
Twice vertical Height at Bow (Subtract)	0.600	
O at Bow	0.245	
Add 1 1/2 O at Bow (min 0.270 m)	0.368	
Girth at Stern	1.878	
Twice vertical Height at Stern (Subtract)	1.180	
O at Stern	0.698	
Add 1/3 O at Stern (min 0.200 m)	0.233	
Add any penalty (Displ.)	0.000	
Add any penalty at O ₂	0.000	
CORRECT LENGTH L		8.333
Skin d to d1 Port	1.009	
Chain d to d1 Port	1.000	
d Port	0.009	
Skin d to d1 Starboard	1.009	
Chain d to d1 Starboard	1.000	
d Starboard	0.009	
Add d	0.018	
Add GIRTH 2 d		0.036
Mean Freeboard Bow O	Actual 0.830	0.830
Mean Freeboard Midship d	Actual 0.700	0.700
Mean Freeboard Stern O	Actual 0.680	0.680
Sum of Freeboards		2.210
Subtract FREEBOARD, F		0.730
Add SAIL AREAS (Square root)		6.580
TOTAL OF MEASUREMENTS		14.220
PENALTY (Draught)		0.000
RATING		6.000

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PENALTIES

Overhang Forward to L	1.785	
Overhang Aft to L	2.028	
Substract from overall length	3.813	
Difference of imersion from salt to fresch water	0.012	
WATERLINE LENGTH		7.177
Minimum Displacement for Zero Penalty [m3]	3.985	
Minimum Weight for Zero Penalty [ton] (Water of sg 1.025)	4.085	
DISPLACEMENT (by weighing)		4.270
Equivalent LWL (for Displ. < min.)		
Difference	0.000	
DISPLACEMENT PENALTY (add to L)		0.000
DRAUGHT (actual)	1.640	
Max. Draught for Zero Penalty	1.648	
Difference (if positive)		
DRAUGHT PENALTY (add to Rating)		0.000
BEAM (Min)	0.000	
Max Beam at 1/3 of Midship Freeboard	1.950	
Difference (if positive)		
BEAM PENALTY (add to L)		0.000
Tumblehome Max. (2 x 2% of Extr. Beam)	0.078	
Extreme Beam	1.950	
Beam at deck	1.950	
Difference (if positive)		
TUMBLEHOME PENALTY (add to Rating)		0.000

SAIL PLAN

Max Height of Sail Plan =	13.000	J=	3.490	I =	9.700
			Spi boom =		3.530
Boom Heigth =	0.500		A=	12.500	B= 4.600
Rated Mainsail Area			28.750		
Rated Foretriangle Area			14.552		
TOTAL RATED SAIL AREA			43.302	IS=	6.580

SAIL LIMITS

Mainsail:	max girth at 1/2 height (67%)	3.082
	max girth at 3/4 height (39%)	1.794
Genua:	max. foot length (J + 3m)	6.490
Spinnaker:	max. luff length	10.747
	1/2 foot max breadth (125% J)	4.363

SPARS MEASUREMENTS

MAST (material)	0	Mast Weight	0	Builder	
		Deck	Half-Height	Jib-Halyard	Head
Mast dimensions	0	0	0	0	0.000
Mast CG position (from meas. point)		0.000			

Date and place of Measurement	10-Jun-06
Measurer's Name(s)	ISAF-6m Class measurer
Measurer recognised by : (enter National Authority)	Swiss Sailing
Measurer's signature	