

## HULL MEASUREMENTS

	[m]
Lt	10,99
B	1,85
Fa	1,79
Fp	2,03
Bl	1,78
Fb1	0,71
Fb2	0,64
P1	0,46
P2	0,75
P3	0,52
P4	0,34

## RIG MEASUREMENTS

	[m]
I	9,69
J	3,49
HLU	9,72
HLP	6,20
P	12,50
E	4,60
Es	
F	
Ef	
mP	
mE	
mEs	
mF	
mEf	
Dm	
Hm	
Ht	
Lp	3,53

## CALCULATED DIMENSIONS & COEFFICIENTS

Fore-triangle [m2]	29,302
Main sail [m2]	28,750
Main Top-sail [m2]	
Foremast sails [m2]	
Mizzen sail [m2]	
Mizzen Top-sail [m2]	
Mizzen Staysail [m2]	
Sail Surface (Spv) [m2]	58,052
Rig aspect ratio (Sf)	0,967
Rated Length (Ls) [m]	7,934

## EQUIPMENT & FITTINGS

Centerboard :	sliding	
	with tab	
	modified (bulbe or ballast)	
Rudder :	modified	
Propeller Axis :	absent	x
	in centerline position	
	in lateral position	
	2 propeller axis	
Propeller with folding/feathering blades		
	with 2 solid blades	
	with 3 (or more) solid blades	
Mast :	wooden	
	alloy	x
Boom :	wooden	
	alloy	x
	in composite material	
Spars :	wooden	
	alloy	x
	in composite material	
Forestay :	head foil with 1 groove	
	head foil with 2 grooves	
Furling system :	of jib, active	
	of jib, inactive but in place	
	flying furling device	
Winches :	absent, with Ls < 8m	
	absent, with Ls > 8m	
	self-tailing	x
Interior :	absence of furniture	x
Superstructure :	in composite material	
Hull :	with plastic covering	

average rated depth (Pmc)	0,492
rated depth (Ps)	1,371
rated beam (Bj)	1,829
rig coefficient (Ca)	0,890
Class coefficient (Cb)	0,150
Age Parameter (Pe)	-0,037
Equipment (Pv)	0,140
Bottom Profile (Pp)	0,990
Correction (Cc)	1,000
Authenticity (Co)	0,939

ASSOCIATION FRANÇAISE DES YACHTS DE TRADITION  
AFYT

# RATING CERTIFICATE

**FA248p**

**MELITA**

**GBR42**

Rig Type :	<b>Bermudan Sloop</b>
Architect :	<b>William Fife III</b>
Year of Design :	<b>1934</b>
Builder :	<b>W. Fife &amp; son</b>
Year of Launching :	<b>1934</b>
Original Class :	<b>6 mJI</b>
Ensign :	<b>Anglais</b>
Registered in :	
Rig lenght (La) [m] :	<b>10,99</b>
Max. Beam (B) [m] :	<b>1,85</b>
Draft (TE) [m] :	<b>1,64</b>

**Rating : 7,385**

APM s/mile : **180,6**

**TCF : 0,9047**

Validity year : 2022  
Issued : 27/06/2022

Owners signature : .....

Measurers signature : *Renaud Godard*