



INTERNATIONAL TWELVE METRE CLASS Measurement Certificate

12

Yacht's Name	French Kiss	National letters and Sail Number	FRA7
Designer	Philippe Briand	Builder	Alubat
Owner	Bernard Minvielle	Year built	1985
Owner's Address	TBA	Club	
Classification certificate (Number or Date)	Lloyds		

This yacht has been measured by approved measurer(s) and has been found to rate not more than 12.000 metres

This certificate is dated **18-Sep-07**

Valid until **17-Sep-09**

Measurer **J.Fauroux-N.Sironi**

Measurer signature

ITMA Technical Director


Supersedes **19-Jun-96**



PROVISIONAL CERTIFICATE REVALIDATION

This yacht has been declared by the Owner to be unchanged from her previous revalidated certificate dated September 18, 2007.

Accordingly this certificate has been revalidated and remains valid until January 27, 2025 subject to a successful flotation and any re-measurement required being carried out by a class measurer prior to racing.

Signature  January 27, 2023
ITMA Technical Director

RATING CALCULATIONS

OVERALL LENGTH

19.178

Overhang Forward to L1

2.321

Overhang Aft to L1

1.745

Total Overhang (Subtract)

4.066

MEASURED LENGTH (L1 L1)

15.112

Girth at Bow

1.684

Twice vertical Height at Bow (Subtract)

1.200

O at Bow

0.484

Add 1 1/2 O at Bow (min 0.540 m)

0.726

Girth at Stern

3.744

Twice vertical Height at Stern (Subtract)

0.951

O at Stern

1.842

Add 1/3 O at Stern (min 0.400 m)

0.614

Add any penalty (Displ.)

0.000

CORRECT LENGTH L

16.452

Skin d to d1 Port

3.325

Chain d to d1 Port

3.263

d Port

0.062

Skin d to d1 Starboard

3.323

Chain d to d1 Starboard

3.265

d Starboard

0.058

Add d

0.120

Add GIRTH 2 d

0.240

Mean Freeboard Bow O

Actual

1.395

1.395

Mean Freeboard Midship d

Actual

1.050

1.050

Mean Freeboard Stern O

Actual

1.131

1.131

Sum of Freeboards

3.576

Subtract FREEBOARD, F

1.188

Add SAIL AREAS (Square root)

12.935

TOTAL OF MEASUREMENTS

28.439

PENALTY (Draught)

0.000

RATING

12.000

PENALTIESOverhang Forward to L
Overhang Aft to L2.945
2.662**WATERLINE LENGTH**Minimum Displacement for Zero Penalty [m3]
Minimum Weight for Zero Penalty [ton] (Water of sg 1.025)23.497
24.084

13.571

DISPLACEMENT (by weighing)Equivalent LWL (for Displ. < min.)
DISPLACEMENT PENALTY (add to L)

24.090

0.000

DRAUGHT (actual)Max. Draught for Zero Penalty
Difference (if positive)
DRAUGHT PENALTY (add to Rating)2.665
2.671

0.000

BEAM (Min)Max Beam at 1/3 of Midship Freeboard
Difference (if positive)
BEAM PENALTY (add to L)

Tumblehome Max. (2 x 2% of Extr. Beam)
Extreme Beam
Beam at deck
Difference (if positive)
TUMBLEHOME PENALTY (add to Rating)3.600
3.689

0.000

0.148
3.689
3.689

0.000

SAIL PLAN

Max Height of Sail Plan =	25.000	J=	7.464	I =	18.750
		Spi pole =	7.482		
Boom Height =	1.500	A=	23.500	B=	9.165
Rated MS Area	107.689	Rated Foretriangle Area=	59.622	TOTAL RATED SAIL AREA =	167.311
Prop allowance	1.000	Corrected sail area	167.311	S=	12.935

SAIL LIMITS

Mainsail:	max girth at 1/2 height (68%)	6.232
	max girth at 3/4 height (41%)	3.758
Genoa:	max. foot length (J + 4.8m)	12.264
Spinnaker:	max. luff length	18.650
	1/2 foot max width (125% J)	9.353

SPAR MEASUREMENTS

MAST (material)	Alum	Mast Weight	0.00	Mast CG position (from meas. point)	0.000
Mast dimensions	Deck	Half-Height	Jib-Halyard	Head	
	0.00	0.00	0.00	0.00	

FLOTATION

Water salinity		Difference of immersion from standard salt water [1.025 kg/dm3]	
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Date of Measurement	18/09/2007	Measurer's Name(s)	J.Fauroux-N.Sironi
Place of Measurement	Marina di Carrara	Measurer's signature	<i>Nicola Carrara</i>
Measurer's signature	<i>Nicola Carrara</i>	Technical Director approval	<i>J.Fauroux-N.Sironi</i>