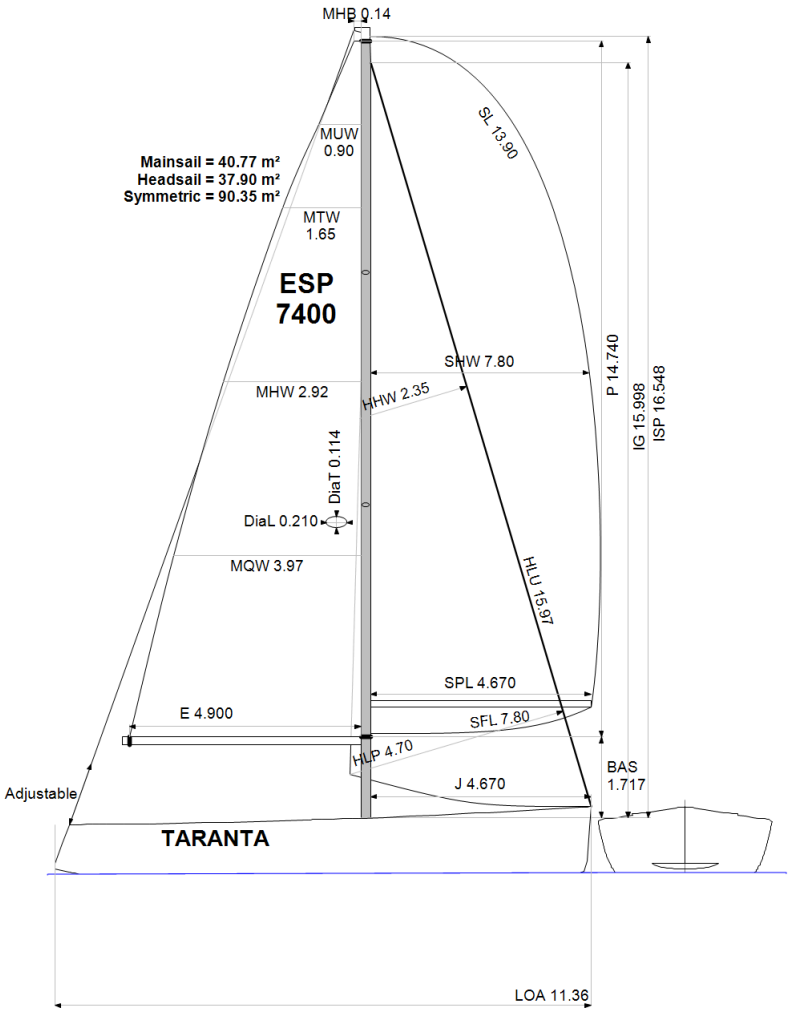
Club Certificate 2026

TARANTA
ESP-7400

Centre de Calcul FFVoile
Rue H.Bocquillon
75015 - PARIS
FRANCE

APH ToD: **537.2** CDL: **10.169**
APH ToT: **1.1170** CertNo: **26373a**



Rated boat velocities in knots									
Wind Velocity	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	45.8°	42.6°	40.3°	38.8°	37.7°	37.1°	36.8°	36.7°	37.6°
Beat VMG	2.59	3.68	4.47	5.00	5.28	5.41	5.49	5.57	5.52
52°	4.06	5.58	6.56	7.14	7.42	7.54	7.62	7.71	7.71
60°	4.36	5.86	6.80	7.32	7.59	7.73	7.82	7.92	7.93
75°	4.57	6.05	6.96	7.46	7.76	7.97	8.12	8.30	8.38
90°	4.42	5.92	6.90	7.45	7.79	8.07	8.31	8.66	8.87
110°	4.06	5.72	6.91	7.57	7.98	8.34	8.61	8.99	9.17
120°	3.90	5.53	6.73	7.47	7.93	8.34	8.73	9.42	9.91
135°	3.38	4.93	6.16	7.06	7.63	8.06	8.49	9.44	10.73
150°	2.81	4.16	5.34	6.35	7.14	7.66	8.06	8.89	9.95
Run VMG	2.43	3.60	4.63	5.51	6.27	6.91	7.40	8.17	8.94
Gybe Angles	139.5°	144.8°	148.9°	152.5°	157.4°	164.4°	170.5°	176.8°	171.4°

BOAT

Class	**BAVARIA38MATCH GTE**
Designer	**JAKOPIN J&J**
Builder	**BAVARIA YACHTBAU**
Age date	**06/2004**
Series date	**02/2004**
Offset file	**BA38MDK.OFF**
Data file	**E7400_26373a**

HULL

Length Overall	**11.360 m**
Maximum Beam	**3.692 m**
Draft	**2.366 m**
Displacement	**6 703 kg**
DLR	**5.5786**
IMS Division	**Cruiser/Racer**
Dynamic Allowance	**0.220%**
Age Allowance	**0.650%**
RS Assessment	**-0.127%**

PROPELLER

Installation	**Strut**
Type	**Folding 3 blades**
Diameter	**0.410m**

CREW

Maximum weight	**751 kg** (default)
Minimum weight	**621 kg** ∗ *when applied*
Crew Arm Extension	

SAIL AREAS (m²)

	Measured	Rated
Mainsail	**40.77**	**41.28**
Headsail Luffed	**37.90**	**37.90**
Headsail Flying		
Symmetric	**90.35**	**91.54**
Asymmetric		

STORM SAIL AREAS Maximum (m²)

Trysail	**12.64**
Storm Jib	**12.94**
Heavy Weather Jib	**34.93**

SAIL LIMITS

Headsails	**6**
Spinnakers	**5**

STABILITY

Righting Moment	**N/A**
Stability Index	**N/A**

COMMENTS

2026: NC /
2025: New Sails, P&E /
2023: NC /
VOLVO /25S /

The owner and any other person in charge is responsible that boat is complying with her certificate in accordance with RRS 78.1 and ORC Rule 304.

ORC

Club Certificate
2026

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FFVoile

Time Allowances in secs/NM									
Wind Velocity	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat VMG	1389.9	977.9	805.6	720.0	682.1	665.5	655.2	646.2	652.8
52°	886.3	645.1	548.5	504.2	485.5	477.5	472.4	467.1	467.0
60°	825.6	614.1	529.3	491.6	474.1	465.4	460.4	454.4	454.0
75°	787.4	594.7	517.0	482.7	463.8	451.5	443.3	433.7	429.6
90°	814.0	608.3	521.6	483.1	462.0	446.1	433.0	415.9	405.8
110°	887.3	629.6	521.1	475.5	450.9	431.9	418.1	400.6	392.4
120°	922.2	651.3	535.2	482.2	454.2	431.8	412.5	382.3	363.2
135°	1064.0	730.1	584.9	510.0	471.7	446.6	424.2	381.5	335.4
150°	1281.6	865.3	673.9	567.0	504.4	470.3	446.7	405.1	361.7
Run VMG	1479.9	999.2	778.2	653.2	574.0	521.3	486.3	440.5	402.8
Selected Courses									
Windward / Leeward	1434.9	988.5	791.9	686.6	628.0	593.4	570.7	543.4	527.8
All purpose	1079.8	760.7	623.5	554.7	518.2	496.4	481.1	459.9	445.6

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	657.3	0.9129
All purpose	537.2	1.1170

Custom scoring options for France

Scoring Option	Time On Distance	Time On Time
Triple Number Coastal/Long Distance Low	692.1	0.8669
Triple Number Coastal/Long Distance Medium	533.7	1.1242
Triple Number Coastal/Long Distance High	476.9	1.2580
Triple Number Windward/Leeward Low	890.2	0.6740
Triple Number Windward/Leeward Medium	652.5	0.9195
Triple Number Windward/Leeward High	566.1	1.0598

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Data in **meters/kilograms (Metric)**

HULL AND APPENDAGES (Lightship Trim)

Class	**BAVARIA38MATCH GTE**	Length overall	**11.360**	VCGD	**0.075**	Centerboard weight	**N/A**
Measurement		Maximum beam	**3.692**	VCGM	**0.055**	List angle	**N/A**
HIN	**1396**	Draft	**2.366**	RM Rated (kg·m)	**152.2**	Canting keel angle	**N/A**
Plan review		Displacement	**6 703**	Limit of positive stability(°)	**N/A**		
Hull construction	**Solid**	Wetted area	**29.16**				
Carbon rudder	**No**	IMS L	**10.753**	Stability Index	**N/A**		
Light stanchions	**No**	LSM0	**10.630**	BLR index	**N/A**		
Trim tab	**No**	Accomod. length	**11.360**	Default crew weight	**751**		
		Sink (kg/mm)	**21.99**	Declared crew weight	**N/A**		

PROPELLER

Propeller Type	**Folding 3 blades**						
Installation	**Strut**	PRD	**0.410**	EDL	**2.050**	ST3	
Twin screw	**No**	PBW		ST1	**0.042**	ST4	**0.110**
Hydro generator	**No**	PIPA	**0.0036**	ST2		ST5	**0.245**

RIG

Backstay	**Adjustable**	P	**14.740**	E	**4.900**	PY	**N/A**	Flying Headsail Foretriangles	
Forestay	**Fixed**	IG	**15.998**	J	**4.670**	MDT1Y	**N/A**		
Inner forestay	**Not installed**	ISP	**16.548**	BAS	**1.717**	MDL1Y	**N/A**	*Id*	*ISP* *TPS*
Mast material	**Carbon**	MDT1	**0.114**	FSD	**0.320**	MDT2Y	**N/A**		
Single headsail furler	**No**	MDL1	**0.210**	SFJ	**0.000**	MDL2Y	**N/A**		
Mainsail furler	**No**	MDT2	**0.105**	SPL	**4.670**	TLY	**N/A**		
Articulated bowsprit	**No**	MDL2	**0.188**	WPL		BASY	**N/A**		
Non-circular rigging	**No**	TL	**0.500**	TPS		EY	**N/A**		
Fiber rigging	**No**	MW	**0.210**	BD	**0.165**	BDY	**N/A**		
Base of mast	**Fixed**	GO	**0.235**	MWT	**130.00**	IY	**N/A**		
Running backstays	**No**			MCG	**4.960**	EB	**N/A**		
Checkstays	**No**								
Spreaders	**2**								
Rotating mast	**No**								

FLOTATION AND STABILITY

Calculation method	**VCG entered directly**	SFFP	**N/A**	SAFP	**N/A**
VCG entered	**0.075**	FFM	**N/A**	FAM	**N/A**
Flotation Date	**01/01/2013**	FF	**N/A**	FA	**N/A**
		LCFcl	**N/A**	LCFsh	**N/A**
		SG	**N/A**	HBI	**N/A**

INVENTORY

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MAINSAIL

Id	*MHB*	*MUW*	*MTW*	*MHW*	*MQW*	*Area*	*Meas.Date*	*Comment*
M4	0.14	0.90	1.65	2.92	3.97	40.77	26/06/2025	

HEADSAIL

Id	*HHB*	*HUW*	*HTW*	*HHW*	*HQW*	*HLP*	*HLU*	*Btn*	*Flying FT*	*Area*	*Meas.Date*	*Comment*
G1	0.12	0.66	1.23	2.35	3.52	4.70	15.97	Yes	No	37.90	12/01/2017	

SYMMETRIC SPINNAKER

Id	*SLU*	*SLE*	*SL*	*SHW*	*SFL*	*Area*	*Meas.Date*	*Comment*
S2	13.90	13.90	13.90	7.80	7.80	90.35	26/06/2025	

NON MANUAL POWER CONTROLS (NMP)

Sheets	**No**	Mainsail cunningham	**No**	Jib track	**No**	Spinnaker retriever	**No**
Boomvang	**No**	Headsail cunningham	**No**	Tack line	**No**		
Outhaul	**No**	Main traveller	**No**	Halyards	**No**		

CRUISER/RACER REQUIREMENTS*

Accommodation length	**11.4 m**	Table area	**0.55 m²**	Headroom	**1.78 m**
Minimum number of berths	**5**	Personal gear stowage	**0.20 m³**	Fresh water capacity	**135 l**
Minimum number of seats in cockpit	**5**	Food stowage	**0.30 m³**	Fuel capacity	**78 l**
Cabin sole		Stoves		Sinks	
Galley gear stowage		Toilet		Wash basin	
Navigation area		Hanging locker			

**This list is a summary of the requirements. See IMS Appendix 1 for details.*