


6 Modern

INTERNATIONAL SIX METRE CLASS

Yacht's Name Stella ISAF N° _____
 National letters and Sail Number ESP-16 Club Real Club Nautico de Sanxexo
 Designer Juan K Design year 2017
 Builder Javier Cela Building Year 2017
 Owner Six Meter Sailing Ltd
 Owner's Address _____
 Lloyds R class certificate (Number or Date) _____ I-Howlett _____

RATING CERTIFICATE		Salt Water 1.025 kg/dm3
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 6.03m if in fresh water <div style="text-align: right;"><i>Immersion salt/fresh water = [m] 0,012</i></div>		
This certificate is dated _____ and its validity confirmed by _____ for _____ Valid until _____ Supersedes _____	<u>22.08.22</u> Sanxexo <u>GR Perrin</u> <u>Swiss Sailing</u> <u>21-Aug-26</u> <u>23-Feb-22</u> (enter former certif. number or date)	
Signature 	Stamp of Authority	
Comments : <i>New wing, same span, new front profile of keel (no significant weight change, no draught change)</i>		

OVERALL LENGTH		10,710
Overhang Forward to L1	0,680	
Overhang Aft to L1	2,293	
Total Overhang (Subtract)	2,973	
MEASURED LENGTH (L1 L1)		7,737
Girth at Bow	0,828	
Twice vertical Height at Bow (Subtract)	0,600	
O at Bow	0,228	
Add 1 1/2 O at Bow (min 0.270 m)	0,342	
Girth at Stern	2,264	
Twice vertical Height at Stern (Subtract)	1,280	
O at Stern	0,984	
Add 1/3 O at Stern (min 0.200 m)	0,328	
Add any penalty (Displ. & Beam)	0,000	
CORRECT LENGTH L		8,407
Skin d to d1 Port	1,884	
Chain d to d1 Port	1,884	
d Port	0,000	
Skin d to d1 Starboard	1,885	
Chain d to d1 Starboard	1,885	
d Starboard	0,000	
Add d	0,000	
Add GIRTH 2 d		0,000
Mean Freeboard Bow O	Actual	0,851
Mean Freeboard Midship d	Actual	0,735
Mean Freeboard Stern O	Actual	0,730
Sum of Freeboards		2,316
Subtract FREEBOARD, F (max 0.730 if build after 1934)		0,730
Add SAIL AREAS (Square root)		6,542
TOTAL OF MEASUREMENTS		14,219
PENALTY (Draught)		0,000
RATING		6,00



PENALTIES

Overhang Forward to L	0,988	Overhang Aft to L	2,723	
Subtract from overall length			3,711	
Difference of immersion from salt to fresh water [m]			0,012	
Appendix A delta				
WATERLINE LENGTH				6,999
Minimum Displacement for Zero Penalty [m3]			3,722	
Minimum Weight for Zero Penalty [ton] (Water of sg 1.025)			3,815	
DISPLACEMENT (by weighing)				3,816
Equivalent LWL (for Displ. < min.)	6,999	Difference		
DISPLACEMENT PENALTY (add to L)				0,000
DRAUGHT (actual)			1,620	
Max. Draught for Zero Penalty	1,620	Difference (if positive)	0,000	
DRAUGHT PENALTY (add to Rating)				0,000
BEAM (Min)			1,830	
Max Beam at 1/3 of Midship Freeboard	2,040	Difference (if positive)		
BEAM PENALTY (add to L, for yacht build or designed after sept 1937)				0,000
Tumblehome Max. (2 x 2% of Extr. Beam)			0,082	
Extreme Beam	2,040	Beam at deck	2,040	
Difference (if positive)				
TUMBLEHOME PENALTY (add to Rating)				0,000

SAIL PLAN

Max Height of Sail Plan (Max 13.00m)	13,000	J=	3,270	I =	9,750
Boom Height =	0,853	A=	12,147	B=	4,815
Rated Foretriangle Area	13,550	Rated Mainsail Area	29,244		
TOTAL RATED SAIL AREA	42,794	SQRT(S)	6,542	110% J	3,597

SAIL LIMITS

Mainsail:	max girth at 1/2 height 67%	3,226	Max girth at 3/4 height 39%	1,878
Genua:	max. foot length (J + 3m)	6,270	Spi boom =	3,270
Spinnaker:	max. luff length	10,727	foot max breadth (250% J)	8,175

SPARS MEASUREMENTS

MAST CG position (from meas. point)	5,650	Mast Weight	63,50	Material	Fiberglass
		Deck	Half-Height	Jib-Halyard	Head
Mast dimensions [mm]	130x165	130x165	130x165	080x085	SoutherSpar
Mast section area [cm ²]	177	177	177	56	
Mast section ratio (Max 1.35)	1,27	1,27	1,27	1,06	

DECK MEASUREMENTS

Cockpit dimensions (max 2.70m2)	Length	Aft width	Front width	Area	Dist.to sheerline
	2,390	1,005	1,140	2,563	0,210
Hatch dimensions (max 0.4 m2)	0,480	0,450		0,216	0,570
Spi boom recess on deck	Length	Width	Depth		
	2,000	0,270	0,070		

Date and place of Measurement	22.08.2022	Sanxexo
Measurer's Name(s)	GR Perrin	
Measurer recognised by : (enter National Authority)	Swiss Sailing	
Measurer's signature	<i>GR Perrin</i>	