

<b>Boat:</b>		<b>Stability</b>		
Name:	<b>SCA NATURE</b>	SSS Number:	31	
Sail Number:	GBR4545R	STIX:	48	
Cert No	8512	AVS:	136	
<b>TCC:</b>	<b>1.209</b>	<b>2016</b>	IRC Design Category:	A
<b>Crew No.:</b>	<b>13</b>	<b>( 1105 kg)</b>	ISAF Plan Review:	

<b>General Details</b>		Series Date: 1996	Hull Factor:	11.1
Design:	FARR 45 2.90	Age Date: 1996	Rig Factor:	1.024
Type:	Bermudian Sloop			
Issue:	Revalidation			
Notes:	IRM + Seahorse weighed; Overhangs & STL RORC measured			
Notes:	Sail data from Sailmaker 4/15			

Hull	Overhangs	Rig & Mainsail	Headsail	Mizzen	Spinnaker
LH: 13.80	BO: 0.51	P: 18.82	HSA: 51.53	PY: 0.00	SPA: 181.00
LWP: 11.87	x: 0.26	E: 6.76	HLUma 18.20	EY: 0.00	STL: 6.02
Hull Beam: 4.23	h: 0.10	J: 5.45	HLU*: 18.20	LLY: 0.00	SLU*: 0
Boat Weight: 7116	SO: 1.42	FL: 18.76	HLP*: 5.55	LPY: 0.00	SLE*: 0
DLR: 133	y: 0.22	MUW: 1.40	HHW*: 2.84		SFL*: 0
Draft: 2.91		MTW: 2.48	HTW*: 1.45		SHW*: 0
Bulb weight: 1910		MHW: 4.29	HUW*: 0.81		

\* For information only

<b>Detail</b>	No Spinnaker TCC: 1.182
Low vcg iron+lead keel	Multiple headsails permitted
No wing keel	Maximum number of spinnakers carried: 3
Inboard engine : Weight 192kg	Spinnaker/whisker pole with or without Bowsprit
2 blade folding/feathering propeller	3 Spreader/Jumper (sets)
Internal ballast 0 kg	0 Runners/Checkstays (sets)
Weight includes batteries/cushions	Carbon Mast
ISAF OSR compliant lifelines fitted	Rod standing rigging
Manual power only for running rigging	HSA=0.0625*HLU*(4*HLP+6*HHW+3*HTW+2*HUW+0.09)
No variable/moveable ballast carried	SPA=((SLU+SLE)/2)*((SFL+(4*SHW))/5)*0.83
Mast foot/forestay not adjusted while racing	

Certificate issued by the IRC Rating Authority and VALID from 27 Apr 2016 09:42:32  
 Expires 31 Dec 2016 unless superseded or invalidated by IRC Rules and Regulations  
 I accept the dimensions shown on this certificate and agree to report all subsequent changes and any errors found at a later date to the issuing Authority

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