

Boat		Stability	
Name:	XCELSIOR	SSS Base Value:	33
Sail Number:	62157		
Cert No.:	GBR 13961	ISO STIX:	46
TCC:	1.172 2009	AVS:	124
		ISO Category:	A

General Details			
Design:	IMX 45 2.84	Series date:	2001
Type:	Bermudian Sloop	Age Date:	2002
Issue:	USA : Revalidation	Crew No.:	13
Notes:	IMS + measured; sail data from sailmaker; STL owner measured		
Notes:			
		Hull factor:	9.4
		Rig factor:	1.03
		Overhang factor:	1.035

Hull	Overhangs	Rig / Main	Headsail	Mizzen	Spinnaker
LOA: 13.74	BO: 0.60	P: 18.21	LLmax: 18.72	PY: 0.00	SPA: 175.86
LWP: 11.91	x: 0.18	E: 6.19	LL: 18.72	EY: 0.00	STL: 5.94
Beam: 4.12	h: 0.07	J: 4.96	LP: 6.62	LLY: 0.00	
Weight (empty): 9236	SO: 1.23	FL: 19.37	HHW: 3.31	LPY: 0.00	
IRC Disp: 10088	y: 0.32	MUW: 1.30	HTW: 1.66		
DLR: 166		MTW: 2.37	HHB: 0.15		
Draft: 2.84		MHW: 4.00	HSA: 61.99		

Detail	No Spinnaker TCC: 1.148
Low vcg iron+lead single keel	Multiple headsails permitted
No wing keel	Max number of spinnakers carried: 3
Inboard engine : Weight 253kg	Spinnaker pole(s) with or without bowsprits
2 blade folding/feathering propeller	3 Spreader (sets) 0 Jumper (sets)
Internal ballast: 0 kg	0 Runner (sets) 0 Checkstay (sets)
Weight includes batteries/cushions	Carbon Mast Rod standing rigging
ISAF OSR compliant guardrails fitted	HSA=0.125*LL*(2*LP + 3*HHW + 2*HTW)
Manual power only for running rigging	SPA=((SLU+SLE)/2)*((SF+(4*SHW))/5)*0.83
No variable/moveable ballast carried	
Forestay/Mast Foot not adjustable	

Certificate issued by the RORC Rating Office and VALID from 14 Apr 2009 16:31:25

Expires 31 Dec 2009 unless superseded or invalidated by IRC Rules and Regulations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

Signed: _____ (Owner)

TODD LABAUGH
48 ORCHARD DR

A copy of this certificate shall be kept aboard the boat when racing

RYE, NY
10580

(C) RORC/UNCL 2009

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COPY CERTIFICATE

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