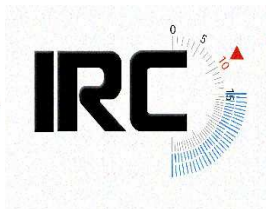


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Name : **MR SANDMAN**
Sail number : **BEL 7317**
N°CERT : F - **12834** / 2009

TCC : 0,953 2009

SSS Base Value : 26
Adjustment Value : 0
SSS Numeral : 26

Design : **FIRST 31.7 1.90**

Series Date : 1998
Age date : 1998
Crew No : 7
Max crew weight Kg : 563
BSF (time / outdistance) : 681,2

Hull factor : 8,1
Rig factor : 1,02
Overhang factor : 1,01
 One-Design

Type : Sloop Bermudian

REVALIDATION

No spinnaker TCC : 0,942

Tout aménagement de série en place à bord

Hull :	Overhangs :	Main and rig	Headsail :	Mizzen	Spinnakers :
LOA : 9,48	BO : 0,32	P : 10,70	Llmax : 11,30	PY : 0,00	SPA : 59,21
LWP : 8,75	x : 0	E : 3,85	LL : 11,30	EY : 0,00	STL : 3,50
Beam : 3,21	h : 0	J : 3,44	LP : 4,62	LLY : 0,00	Used values for SPA calculation :
Weight : 3600	SO : 0,41	FL : 12,00	HHW : 2,38	LPY : 0,00	SLU : 11,60
IRC Disp : 4190	y : 0,08	MHW : 2,48	HTW : 1,24		SLE : 11,60
DLR : 174		MTW : 1,43	HHB : 0,09		SF : 6,15
		MUW : 0,85	HSA : 26,64		SHW : 6,15

Low vcg iron keel

Max draft : 1,900 mini : 0,000

Wing keel span : 0,00

$HSA = 0.125 * LL * (2 * LP + 3 * HHW + 2 * HTW)$

$SPA = ((SLU + SLE)/2) * ((SF + (4 * SHW))/5) * 0.83$

Inboard engine Weight 139 Kg

2 folding / feathering blades

0 Kg of internal Ballast

0 Kg water ballast per side

0 Deg of heel angle with canting keel

Weight includes batteries/cushions

Guardrails fitted

Sport boat

Stored power

Rig setting system aboard

Rig setting system used when racing

Jumpers

Multiple headsails permitted

Spinnaker pole(s) with or without bowsprit

3 Spinnakers max onboard

2 Set(s) of spreaders

0 Set(s) of runner

0 Set(s) of checkstay

Aluminium Mast

Wire standing rigging

Certificate issued by the UNCL IRC Rating Office and valid from 04/08/2009 expires 12/31/2009 unless superseded or invalidated by IRC Rules and Regulations.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)



POTTIEZ CHRISTIAAN

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8450 BREDENE

Belgique

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