

World Sailing In-House Certification Programme Report

1. Background

- 1.1 The In-House Certification Scheme (IHC) is a program to enable builders that meet certain standards, to self-certify sails. The scheme aims to maintain the same standards of fairness guaranteed by traditional control and certification but reducing the time and cost of these activities. World Sailing's goal is to ensure standards and certifications applied worldwide, where sailors can buy certified "ready to race" sails.
- 1.2 Classes allowing the use of IHC certified sails must have their Class Rules in the World Sailing Standard Format and must be measured as per ERS to adhere to the program.
- 1.3 29 WS Classes, 2 International Rating System, 26 National Classes and 1 National Rating System are involved to date:

<u>WS Classes & International Rating Systems</u>			
420	Finn	Melges 20	Tornado
470	Fireball	Melges 24	TP52
505	Flying Fifteen	Melges 32	Vaurien
2.4 Metre	Flying Junior	Mirror	X-35
Cadet	J/111	OK Dinghy	Yngling
ClubSwan 50	J/70	RC 44	IRC
Europe	J/80	Swan 45	ORC
Fareast 28R	L30 One Design	Tempest	

<u>National Classes & National Rating Systems</u>			
<i>RYA Classes</i>		<i>SSF Classes</i>	
National 18	Sonata	11m OD	Lady Helmsman
Hornet	Squib	Cumulus	Lady II
Redwing	Swallow	Nova	Neptunkryssare
Scorpion	Firefly	Express	RB 111
Solo		C55	S 30
		CB66	Smaragd
		Contrast 33	Omega 42
		IF	606

		Lady GT	SRS Rating System
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1.4 39 Sail Lofts are licensed to produce In-House Certified sails in accordance with the IHC programme.

1.5 Additional information can be found on the IHC page of the WS website: link [here](#).

<u>Sailmakers managed by World Sailing</u>	
Doyle Sailmakers Qingdao	CHN
UK Sailmakers HKG	CHN
Wilfer Sails	CHN
North Sails Palma	ESP
ZM DESIGN	ITA
Olisails	ITA
North Manufacturing (Pvt) Ltd.	LKA
Durteksails (PVT) LTD	LKA
Aqua Dynamic	LKA
Hyde Sails	PHL

<u>Sailmakers managed by Royal Yachting Association</u>	
North Sails One Design	GBR
Batt Sails	GBR
Dart Sails	GBR
Dolphin Sails	GBR
Doyle Sails	GBR
Westaway Sails	GBR
Edge Sails	GBR
Elvstrom Sails	GBR
Goacher Sails	GBR
HD Sails	GBR
Pinnell & Bax	GBR

One Sail (East)	GBR
One Sails South	GBR
Sail Shape	GBR
Sanders Sails	GBR
Saturn Sails	GBR
Suffolk Sails	GBR
Ullman Sails	GBR
UK Sails	GBR
North Sails	GBR
Doyle Sails Ireland	IRL
UK Sailmakers Ireland	IRL
North Sails Ireland	IRL

Sailmakers managed by Japan Sailing Association

North Sails	JPN
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Sailmakers managed by Swedish Sailing Federation

Albatross Segel	SWE
Gransegel	SWE
UK Syversen	SWE
North Sails Sweden	SWE
Atta Segel, Hybax AB	SWE

2. Administration

2.1 The scheme is administrated by IHC Authorizing Authorities (AAs) appointed for a country, or a region. An AA may be:

- (a) the MNA when it has the wish and the resources to act as AA, or
- (b) a World Sailing delegate organization based in the country or the region, or
- (c) World Sailing may act as AA itself.

- 2.2 An AA will report to World Sailing in accordance with the criteria set out in the IHC Criteria and Responsibility paper (CAR). Manufacturers wishing to operate IHC must apply to be licensed and prepare a IHC Certification System (CS) to be approved by the AA. The approved Certification System will form the basis of the Certification Control. Each sail loft shall sign in a IHC License Agreement (LA) to become an IHC licensed manufacturer.
- 2.3 'IHC Stickers' are used to identify each IHC controlled sail, the unique reference number of each sticker helps to identify where the sail was manufactured and link to the recorded data of the loft. The stickers are sold by World Sailing, managed by the financial department. World Sailing is selling the stickers to AAs and directly to Lofts where World Sailing is the AA.
- 2.4 An Audit Plan is contained within the CS. Audits are used to prove compliance with the requirements set in the CS and to provide training and certificates at the manufacturing sites.
- 2.5 A Starter Pack paper outlines the necessary steps to license new lofts.

3. Recent Activities – since 2023 Annual Conference

3.1 Audits

- a) The Audit Plan for the Olympic Quad 2025-2028 has been drafted, it will include the following audits:
 - a. 2024: UK Sailmakers HKG (Hong Kong)
 - b. 2025: Doyle Sailmakers Qingdao (China), Olisails (Italy), North Sails Palma (Spain), North Manufacturing (PVT) LTD (Sri Lanka), Aqua Dynamics (Sri Lanka), Durteksails (Sri Lanka)
 - c. 2026: ZM Design (Italy), Hyde Sails Cebu Inc. (Phillipines), Wilfer (China)

3.2 New Classes/Rating Systems:

- a) The X-41 Class is not a World Sailing class anymore, as a result it was removed from the list of classes joining the IHC program. All the IHC Sailmakers and MNA were notified and are aware of the change.
- b) ORC Rating System has joined the IHC program. After a first testing period 3 IHC Sailmakers have the ORC included in their agreement and they already certified sails.

3.3 Last World Sailing Inspections:

Type	Name	Country	Date
LOFT	North Manufacturing (Pvt) Ltd.	LKA	DEC-22
LOFT	Durteksails (PVT) LTD	LKA	DEC-22
LOFT	Aqua Dynamic	LKA	DEC-22
LOFT	North Sails Palma	ESP	APR-22

LOFT	Hyde Sails	PHL	JUL-22
LOFT	ZM DESIGN	ITA	JAN-23
LOFT	Olisails	ITA	FEB-22
LOFT	Doyle Sailmakers Qingdao	CHN	Prior to 2018
LOFT	UK Sailmakers HKG	CHN	2018
LOFT	Wilfer Sails	CHN	MAY-23
MNA	Royal Yachting Association	GBR	DEC-23 ^(*)
MNA	Japan Sailing Association	JPN	DEC-23 ^(*)
MNA	Swedish Sailing Federation	SWE	DEC-23 ^(*)
MNA	US Sailing Federation	USA	N/A

(*) Remote Audit

3.4 IHC stickers sold by World Sailing:

Type	Name	Country	2020	2021	2022	2023	2024 To Date
LOFT	North Manufacturing (Pvt) Ltd.	LKA	2700	3200	5000	2511	2040
LOFT	Durteksails (PVT) LTD	LKA	250	500	651	355	407
LOFT	Aqua Dynamic	LKA	-	-	-	106	40
LOFT	North Sails Palma	ESP	-	100	-	20	17
LOFT	Hyde Sails	PHL	100	260	300	202	111
LOFT	ZM DESIGN	ITA	-	-	400	1614	282
LOFT	Olisails	ITA	-	-	250	226	266
LOFT	Doyle Sailmakers Qingdao	CHN	-	50	-	7	
LOFT	UK Sailmakers HKG	CHN	200	200	200	148	103
LOFT	Wilfer Sails	CHN	-	-	-	110	91
MNA	Royal Yachting Association	GBR	1000	1000	2000	1000	1000
MNA	Japan Sailing Association	JPN	2210	3200	3001	1000	1000
MNA	Swedish Sailing Federation	SWE	1000	500	1000	-	-
MNA	US Sailing Federation	USA	200	-	-	-	-

3.5 IHC Lofts List Update:

- (a) Doyle Sails Ireland, North Sails Ireland are new lofts certified from RYA
- (b) Atta Segel, Hybax AB is new lofts certified from SSF

3.6 IHC Training Update

- (a) Official training presentation for IHC sail loft updated according to new version of Equipment Rules of Sailing (2025-2028)

4. Next Steps

4.1 USA MNA as Authorising Authority:

- (a) Evaluate USA MNA

4.2 IHC Training Update:

- (a) Further review of training material for IHC sail loft

4.3 Reporting System:

- (a) Develop a new process for IHC Sailmakers to send information to World Sailing
- (b) Include IHC Sailmakers managed by MNAs in the reporting system already in place for the IHC Sailmakers.

4.4 Audits

- b) The Audit Plan for the Olympic Quad 2025-2028 has been drafted, the Office is planning to perform the following audits between the 2024 Annual Conference and the 2025 Annual Conference:
 - a. 2024: UK Sailmakers HKG (Hong Kong)
 - b. 2025: Doyle Sailmakers Qingdao (China), Olisails (Italy), North Sails Palma (Spain),