

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 30 WS Classes, 1 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	X-41
ClubSwan 50	J/70	RC 44	Yngling
Europe	J/80	Swan 45	IRC
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

- 1.4 35 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

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

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 2022 Annual Conference

- 3.1 **IHC Class Rules Changes Notification:** IHC licensed lofts and MNA receives notice for every update on Class Rules Changes.
- 3.2 **Internal Surveillance Report:** A quarterly report system has been developed and used to re-engage with all licensed lofts.
- 3.3 **Audits**
 - a) North Manufacturing, Durtek Sails and Aqua Dynamic have been audited in December 2022
 - b) ZM Design has been audited in January 2023
 - c) Wilfer Sails has been audited in May 2023
- 3.4 **New Classes/Rating Systems:**
 - a) The L30 One Design Class joined the Programme.
 - b) The IHC Manufacturer License between World Sailing and Olisails dated 26/08/2022, has been temporarily extended to include ORC sails. The permission is valid until December 31st, 2023.
- 3.5 **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-22 ^(*)
MNA	Japan Sailing Association	JPN	DEC-22 ^(*)
MNA	Swedish Sailing Federation	SWE	DEC-22 ^(*)
MNA	US Sailing Federation	USA	N/A

3.6 IHC stickers sold by World Sailing:

Type	Name	Country	2020	2021	2022	2023 To Date
LOFT	North Manufacturing (Pvt) Ltd.	LKA	2700	3200	5000	1500
LOFT	Durteksails (PVT) LTD	LKA	250	500	651	255
LOFT	Aqua Dynamic	LKA	-	-	-	100
LOFT	North Sails Palma	ESP	-	100	-	50
LOFT	Hyde Sails	PHL	100	260	300	100
LOFT	ZM DESIGN	ITA	-	-	400	400
LOFT	Olisails	ITA	-	-	250	200
LOFT	Doyle Sailmakers Qingdao	CHN	-	50	-	-
LOFT	UK Sailmakers HKG	CHN	200	200	200	-
LOFT	Wilfer Sails	CHN	-	-	-	600
MNA	Royal Yachting Association	GBR	1000	1000	2000	1000
MNA	Japan Sailing Association	JPN	2210	3200	3001	1000
MNA	Swedish Sailing Federation	SWE	1000	500	1000	-
MNA	US Sailing Federation	USA	200	-	-	-

3.7 IHC Lofts List Update:

- (a) Wilfer Sails is a new loft certified after audit in May 2023
- (b) Aqua Dynamic is a new loft certified after audit in December 2022
- (c) Ulman Sails is no longer a loft certified after official communication in December 2022
- (d) UK Sailmakers Ireland changed Authorizing Authority from World Sailing to RYA

- 3.8 **Certification System Manual & License Template Update:** The Office worked closely with lofts and MNAs to update the IHC documentation.

4. **Next Steps**

4.1 **Applicants under review:**

- (a) Porto
- (b) Doyle NZL

4.2 **Audits to be scheduled:**

- (a) Doyle Sailmakers Qingdao, China
- (b) UK Sailmakers HKG, China

4.3 **Classes/Rating Systems Applicant:**

- (a) Fine tune the processes to in-house certify ORC Sails in terms of certification and communication requirements.
- (b) Extend in 2024 the IHC Manufacturer Licenses between World Sailing and interested sailmakers to include ORC sails.

4.4 **USA MNA as Authorising Authority:**

- (a) Evaluate if the USA MNA should be removed from IHC Programme

4.5 **IHC Training Update:**

- (a) Review and update the training presentation for IHC sail loft.