

1. Introduction

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.

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.

20 WS classes are involved to date: 420, 470, Cadet, Europe, Finn, Flying Fifteen, IRC, J-70, J-80, J-111, Melges 20, Melges 24, Melges 32, Mirror, Swan 45, Tornado, Vaurien, X-35, X-41, Yngling.

5 MNAs administer the scheme directly: ITA, GBR, JPN, SWE, USA

34 Sail Lofts are licensed to produce In House Certified sails in accordance with the IHC guidelines. Full list available here: <https://www.sailing.org/classesandequipment/ihc/ihc-who-is-involved.php>

2. Administration

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.

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.

'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.

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.

A Starter Pack paper outlines the necessary steps to license new lofts.

3. Relaunching the Scheme

Several Lofts and MNAs require Audits which have been delayed due to the ongoing covid pandemic and unavailability of technical staff. 5 Lofts have shown interest to join the scheme.

Status and Sticker Sold

Loft	Status	2020	2021 to date
China Sail Factory (CHN)	Audited 05/2018 under new ownership, audit required		
Doyle Sails (CHN)	Prior to 2018 – audit required		50
North Manufacturing (SRI)	Audit planned for 05/2019 (cancelled due to terror attack)	2700	1704
Durtek Sails (SRI)	Audit planned for 05/2019 (cancelled due to terror attack)	250	300
UK Halsey (HKG)	Prior to 2018 – audit required	200	200
Quantum Sails (MAS)	Prior to 2018 – audit required		
North Sails Palma (ESP)	Prior to 2018 – audit required		100
Ullman Sails (RSA)	Audited 5/2019 – audit required		
Hyde Sails (PHI)	Prior to 2018 – audit required	100	210
MNAs	Status	2020	2021 to date
JPN	Audited at the Sailing WS in Aarhus 2018 and Annual Conference 2019	2210	2000
USA (US Sailing)	Audited in 2018	200	
GBR (RYA)	Prior to 2018 – audit required	1000	1000
ITA (FIV)	Prior to 2018 – audit required	1000	1000
SWE (SSF)	Prior to 2018 – audit required	1000	
Interested Lofts	Status	2020	2021 to date
Aquadynamics (SRI)	Interested, In contact		
North Sails (NZL)	Interested, In contact		
North Sails II (ESP)	Interested, In contact		
Rolly Tasker Sails (THA)	Interested, In contact		
Wilfer Sails (HKG)	Interested, In contact		

Strategy

World Sailing extended the license of the currently certified lofts and IHC Authorizing Authorities until 2022, allowing to issue IHC stickers (subject to payment) to the authorized parties.

The Office will appoint a dedicated staff member, Technical Specialist, that will be managing the IHC Scheme in consultation with the Equipment Rules Sub-Committee. The Classes, MNAs and Lofts will be re-engaged, an audit calendar will be scheduled, and the following objectives achieved:

Objectives

1. Make sure that all certified lofts and AAs will:
 - Be inspected as per the updated Certification System
 - Comply with the updated Criteria and Responsibility paper
 - Have renewed the Licensed Agreement
 - Receive training and certificates
2. Engage with interested lofts
2. Develop an Annual Report System for Lofts and MNAs
3. Update training presentation and documents to cover recent ERS and RRS changes.