

## 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 must have their Class Rules in the World Sailing Standard Format and must be measured as per ERS to be included in the IHC program.
- 1.3 28 WS Classes, 2 International Rating Systems, 26 National Classes and 1 National Rating System are involved to date:

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

<u>Participating Sailmakers</u>		<u>Participating MNAs</u>	
Doyle Sailmakers Qingdao	CHN	Royal Yachting Association	GBR
Wilfer Sails	CHN	Japan Sailing Association	JPN
UK Sailmakers HKG	HKG	Swedish Sailing Federation	SWE
North Sails Palma	ESP	US Sailing Federation	USA
ZM DESIGN	ITA		
Olisails	ITA		
North Manufacturing	LKA		
Durtek Sails	LKA		
Aqua Dynamics	LKA		
Hyde Sails	PHL		

- 1.4 28 Sail Lofts are licensed through MNA's to produce In-House Certified sails in accordance with the IHC guidelines. 38 total Sail Lofts are licensed within the IHC scheme
- 1.5 Additional information can be found on the IHC page of the WS website: link [here](#).

<u>Sailmakers managed by Japan Sailing Association</u>	
North Sails	JPN
<u>Sailmakers managed by Swedish Sailing Federation</u>	
Albatross Segel	SWE
Gransegel	SWE
UK Syversen	SWE
North Sails Sweden	SWE
Atta Segel, Hybax AB	SWE

<b>Sailmakers managed by Royal Yachting Association</b>	
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
Ullman Sails	GBR
North Sails	GBR
Impact Marine	GBR
Doyle Sails Ireland	IRL
UK Sailmakers Ireland	IRL
North Sails Ireland	IRL

## 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) detailed in the CS Manual to be approved by the AA. The approved Certification System will form the basis of the Certification Control. Each sail loft shall sign an IHC License Agreement (LA) provided by the AA 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 managed and sold by World Sailing 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 Manual. Audits are used to prove compliance with the requirements set in the CS Manual 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. IHC Stickers Sold by World Sailing

Type	Name	Country	Latest Audit Date	2020	2021	2022	2023	2024	2025 To Date
LOFT	North Manufacturing (Pvt) Ltd.	LKA	DEC-22	2700	3200	5000	1500	3200	2400
LOFT	Durteksails (PVT) LTD	LKA	DEC-22	250	500	651	425	595	160
LOFT	Aqua Dynamic	LKA	DEC-22	-	-	-	100	100	-
LOFT	North Sails Palma	ESP	APR-22	-	100	-	50	100	-
LOFT	Hyde Sails	PHL	JUL-22	100	260	300	150	300	500
LOFT	ZM DESIGN	ITA	JAN-23	-	-	400	500	300	200
LOFT	Olisails	ITA	MAR-25	-	-	250	200	600	-
LOFT	Doyle Sailmakers Qingdao	CHN	Prior to 2018	-	50	-	-	-	-
LOFT	UK Sailmakers HKG	CHN	Nov 2024	200	200	200	200	-	500

LOFT	Wilfer Sails	CHN	MAY-23	-	-	-	600	-	-
MNA	Royal Yachting Association	GBR	DEC-23 <sup>(*)</sup>	1000	1000	2000	1000	1000	1000
MNA	Japan Sailing Association	JPN	DEC-23 <sup>(*)</sup>	2210	3200	3000	4000	1000	2000
MNA	Swedish Sailing Federation	SWE	DEC-23 <sup>(*)</sup>	1000	500	1000	-	-	-
MNA	US Sailing Federation	USA	N/A	200	-	-	-	-	-

(\*) Remote Audit

#### 4. Recent Activities (since the 2024 Annual Conference)

- 4.1 **Internal Surveillance Report - Form Update:** The reporting for the IHC system has now been moved online, allowing easier, faster quarterly and annual reports to be completed and submitted by sail lofts within the system
- 4.2 **Universal Measurement System (UMS) Adoption:** After work with the IRC and ORC to align measurement methods, a universal measurement system has been introduced, allowing sail lofts to measure sails with the application of only 1 UMS sticker. The UMS also allows owners/competitors to more easily register the sail with both authorities through the IHC Licensed Sailmakers. UMS stickers and IHC certification procedures can be viewed at this [link](#).
- 4.3 **Audits:** The following lofts have had an in-person audit since the 2024 annual meeting:
  - (a) UK sailmakers HKG (Hong Kong) – Successful audit and IHC license renewed. Training was delivered and the following certificates have been issued: 6 to In-House Certification Measurers already included in the license and 3 to new In-House Certification Measurers.  
 Olimpic Sails, ITA (Italy) – Successful audit and IHC license renewed. Training was delivered and the following certificates have been issued: 3 to In-House Certification Measurers already included in the license and 3 to new In-House Certification Measurers.
- 4.4 **IHC Loft List Update:**
  - (a) Suffolk sails has become inactive under the RYA in 2024
  - (b) Impact Marine has successfully joined the scheme under the RYA

#### 5. Next Steps

##### 5.1 MNA Evaluation:

- (a) World Sailing to review US Sailing role as AA and evaluate replacing as IHC certifying authority due to the following:

- failure to provide IHC services to Sailmakers wishing to be IHC licensed, including auditing and training.
  - failure to ensure control of manufacturers and their procedures in achieving certification control and to avoid the certification of non-conformities.
- (b) Review the two sail lofts with lowest production and evaluate the impact of their inclusion within the scheme – Doyle Qingdao and North Palma.

A recommendation from the Office will be presented at the 2025 Annual Conference.

## 5.2 Audits

- (a) The Office plans to perform the following audits before the end of the year:
- (i) Aqua Dynamics (LKA) – July 2025
  - (ii) Durtek (LKA) – July 2025
  - (iii) RYA – November 2025
  - (iv) SSF – November 2025
  - (v) JSF – November 2025
  - (vi) North Manufacturing (LKA) – December 2025