

World Sailing In-House Certification Programme Report

1. Background

- 1.1 The In-House Certification (IHC) is a program to enable sailmakers that meet certain standards defined by World Sailing, to self-certify sails. The programme 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 are 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 & 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 & 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>	
Wilfer Sails	CHN	Royal Yachting Association	GBR
UK Sailmakers HKG	HKG	Japan Sailing Association	JPN
North Sails Palma	ESP	Swedish Sailing Federation	SWE
ZM Design	ITA		
Olisails	ITA		
North Manufacturing	LKA		
Durtek Sails	LKA		
Aqua Dynamics	LKA		
Hyde Sails	PHL		

- 1.4 29 Sail Lofts are licensed through MNA's to produce In-House Certified sails in accordance with the IHC requirements. 37 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

<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
Ullman Sails	GBR
SO31 Sailmakers	GBR
North Sails	GBR
Impact Marine	GBR
Doyle Sails Ireland	IRL
UK Sailmakers Ireland	IRL
North Sails Ireland	IRL

2. Administration

- 2.1 The Programme 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	3400
LOFT	Durteksails (PVT) LTD	LKA	JUL-25	250	500	651	425	595	450
LOFT	Aqua Dynamic	LKA	JUL-25	-	-	-	100	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	300
LOFT	Olisails	ITA	MAR-25	-	-	250	200	600	500
LOFT	Doyle Sailmakers Qingdao	CHN	Prior to 2018	-	50	-	-	-	-
LOFT	UK Sailmakers HKG	CHN	NOV-24	200	200	200	200	-	800
LOFT	Wilfer Sails	CHN	MAY-23	-	-	-	600	-	-
MNA	Royal Yachting Association	GBR	DEC-24 ^(*)	1000	1000	2000	1000	1000	2000
MNA	Japan Sailing Association	JPN	DEC-24 ^(*)	2210	3200	3000	4000	1000	3000
MNA	Swedish Sailing Federation	SWE	DEC-24 ^(*)	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 **Classes & Rating Systems updates**
 - a) The Melges 20 Class is currently under review and may lose the World Sailing Status in November 2025. If that is the case, the Class will be removed from the list of Classes the licensed sailmakers can IHC certify. (62 IHC stickers have been applied on Melges 20 sails in the last 3 years)
 - b) The X-35 Class is currently under review and may lose the World Sailing Status in November 2025. If that is the case, the Class will be removed from the list of Classes the licensed sailmakers can IHC certify. (14 IHC stickers have been applied on X-35 sails in the last 3 years)
- 4.4 **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 in November 2024. Training was delivered and the following certificates have been issued:
 - (i) 6 to In-House Certification Measurers already included in the license
 - (ii) 3 to new In-House Certification Measurers.
 - (b) Olimpic Sails, ITA (Italy) – Successful audit and IHC license renewed in March 2025. Training was delivered, and the following certificates have been issued:
 - (i) 3 to In-House Certification Measurers already included in the license
 - (ii) 3 to new In-House Certification Measurers.
 - (c) Aqua Dynamics (LKA) - Successful audit and IHC license renewed in July 2025. Training was delivered and the following certificates have been issued:
 - (i) 4 to In-House Certification Measurers already included in the license
 - (ii) 2 to new In-House Certification Measurers.
 - (d) Durtek (LKA) – Successful audit and IHC license renewed in July 2025. Training was delivered and the following certificates have been issued:
 - (i) 7 to In-House Certification Measurers already included in the license
 - (ii) 15 to new In-House Certification Measurers.
- 4.5 **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
 - (c) SO31 sailmakers has successfully joined the scheme under the RYA

4.6 IHC Programme in USA:

- (a) WS has temporarily stopped selling IHC Stickers to US Sailing given 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) WS is in contact with the most active US lofts and evaluating the possibility to include their audits and training within the WS 2026 Audit Plan.

5. Next Steps

5.1 Lofts Review:

WS is reviewing the following two sail lofts and evaluate the impact of their inclusion within the scheme:

- (a) Doyle Qingdao
 - (i) IHC certified sails in the last 3 years: 22
 - (ii) IHC Programme Compliance: not following the latest IHC update
 - (iii) Latest Audit performed and training received: before 2018
- (b) North Palma.
 - (i) IHC certified sails in the last 3 years: 58
 - (ii) IHC Programme Compliance: not following the latest IHC update
 - (iii) Latest Audit performed and training received: April 2022

5.2 Cost Evaluation

The Office is reviewing the cost of the system, man-hour vs income, and evaluating whether to increase the cost of the stickers or introduce an extra fee to cover audits or training.

5.3 Audits

- (a) The Office plans to perform the following audits before the end of the year:
 - (i) SSF – Scheduled in November 2025 at the Annual Conference
 - (ii) JSF – Scheduled in November 2025 at the Annual Conference
 - (iii) North Manufacturing (LKA) – Scheduled for December 2025
 - (iv) RYA – to be scheduled

An update from the Office will be presented at the 2026 MYM.