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, 25 National Classes and 1 National Rating System are involved to date:

WS Classes & Rating Systems			
11M One Design	Fareast 28R	Melges 24	X-35
420	Finn	Melges 32	Yngling
470	Fireball	Mirror	L30 One Design class
505	Flying Fifteen	OK Dinghy	Tempest
2.4 Metre	Flying Junior	RC 44	ORC
Cadet	J/111	Tornado	IRC
ClubSwan 50	J/70	TP52	
Europe	J/80	Vaurien	

National Classes & National Rating Systems			
RYA Classes		*SSF Classes*	
National 18	Sonata	Cumulus	Lady II
Hornet	Squib	Nova	Neptunkryssare
Redwing	Swallow	Express	RB 111
Scorpion	Firefly	C55	S 30

Solo		CB66	Smaragd
		Contrast 33	Omega 42
		IF	606
		Lady Helmsman	

Participating Sailmakers		Production 2026	Participating MNAs		Production 2026
Wilfer Sails	CHN	147	Royal Yachting Association	GBR	746
Doyle sailmakers Qingdao	CHN	11	Japan Sailing Association	JPN	1105
UK Sailmakers HKG	HKG	358	Swedish Sailing Federation	SWE	183
North Sails Palma	ESP	10			
ZM Design	ITA	256			
Olisails	ITA	416			
Venti Sails Genova	ITA	56			
Venti Sails Massa	ITA	56			
North Manufacturing	LKA	3377			
Durtek Sails	LKA	536*			
Aqua Dynamics	LKA	33			
Hyde Sails	PHL	168			
Doyle One Design Salem	USA	37			
North Sails Nevada	USA	79			

**The value for Durtek sails does not represent actual production numbers. A mistake was identified, and as of the publication date of this paper Durtek has not responded to rectify it.*

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.

Sailmakers managed by Japan Sailing Association	
North Sails	JPN

Sailmakers managed by Swedish Sailing Federation	
Albatross Segel	SWE
Gransegel	SWE
UK Syversen	SWE
North Sails Sweden	SWE
Atta Segel, Hybax AB	SWE

Sailmakers managed by Royal Yachting Association	
North Sails One Design	GBR
Batt Sails	GBR
Dart Sails	GBR
Dolphin Sails	GBR
Doyle Sails	GBR
Edge 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	2021	2022	2023	2024	2025	2026 to date
LOFT	North Manufacturing (Pvt) Ltd.	LKA	DEC-25	3200	5000	1500	3200	5400	3000
LOFT	Durteksails (PVT) LTD	LKA	JUL-25	500	651	425	595	570	600
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	260	300	150	300	500	-
LOFT	ZM DESIGN	ITA	JAN-26	-	400	500	300	400	400
LOFT	Olisails	ITA	MAR-25	-	250	200	600	500	500
LOFT	Venti Sails Genova	ITA	JAN-26	-	-	-	-	-	86
LOFT	Venti Sails Massa	ITA	JAN-26	-	-	-	-	-	77
LOFT	Doyle Sailmakers Qingdao	CHN	Prior to 2018	50	-	-	-	-	-
LOFT	UK Sailmakers HKG	CHN	NOV-24	200	200	200	-	800	600
LOFT	Wilfer Sails	CHN	SEP-26	-	-	600	-	-	500
LOFT	Doyle One Design Salem	USA	MAR-26	-	-	-	-	-	100
LOFT	North Sails Nevada	USA	MAR-26	-	-	-	-	-	100
MNA	Royal Yachting Association	GBR	DEC-25	1000	2000	1000	1000	2000	1000
MNA	Japan Sailing Association	JPN	Nov-25	3200	3000	4000	1000	4000	3000
MNA	Swedish Sailing Federation	SWE	Nov-25	500	1000	-	-	-	-

4. World Sailing Class Production

Class	2026 Q1	2026 Q2	2026 Q3	Total 2026 to date
420	656	744	352	1752
IRC	700	667	305*	1672*
470	326	361	561	1248
ORC	379	508	214	1101
J/70	151	308	454	913
Snipe	4	297	373	674
Melges 24	46	73	210	329
J/80	58	81	103	242
Finn	125	55	48	228
Flying Fifteen	71	46	55	172
Fireball	39	30	76	145
Mirror	42	31	32	105
2.4 Metre	22	30	50	102
TP52	57	9	23	89
Cadet	15	33	31	79
OK Dinghy	29	23	24	76
Yngling	20	17	15	52
505	13	16	12	41
Europe	12	6	10	28
J/111	4	12	12	28
Club Swan 50	0	0	18	18
11m OD	2	5	2	9

L30 One Design Class	0	5	4	9
Fareast 28R	0	2	5	7
Tempest	2	5	0	7
RC 44	0	6	0	6
Melges 32	4	1	0	5
Tornado	1	4	0	5
Flying Junior	0	0	0	0
Vaurien	0	0	0	0

**The value for IRC does not completely represent production numbers - A mistake was identified with the reporting of IRC numbers from Durtek, as of the publication date of this paper Durtek has not responded to rectify it.*

5. Recent Activities (since the 2025 Annual Conference)

5.1 IHC MNA Reporting:

The requirement for MNA's managing the IHC system on behalf of World Sailing to record and manufacturing quantities for each loft has been introduced to the system. JSAF, the RYA and SSF have been reporting quarterly.

5.2 IHC License update:

The IHC License has been updated; this allows lofts to manufacture sails for any class within the System without requiring prior approval from World Sailing. Lofts must have been audited and re-signed the most recent license, so this only applies to the most recently audited or newest lofts.

5.3 Classes & Rating Systems updates

a) The Melges 20 Class lost its status in 2025 and has been removed from the system.

b) The 11m OD gained World Sailing Class Status in 2025 and has changed from national class in Sweden to a World Sailing Class

5.4 **Audits:** The following lofts have had an in-person audit since the 2025 annual meeting:

(a) North Manufacturing (SRI) – Successful audit and IHC license renewed in December 2025. Training was delivered and the following certificates have been issued:

(i) 14 to In-House Certification Measurers already included in the license

(ii) 12 to new In-House Certification Measurers.

(b) ZM Design (ITA) – Successful audit and IHC license renewed in Jan 2026. Training was delivered, and the following certificates have been issued:

(i) 4 to In-House Certification Measurers already included in the license

(c) Venti Sails Genova (ITA) – New loft under the WS AA system. Successful First audit and IHC license issued Jan 2026. Training was delivered and the following certificates have been issued:

(i) 5 to new In-House Certification Measurers.

(d) Venti Sails Massa (ITA) - New loft under the WS AA system. Successful First audit and IHC license issued Jan 2026. Training was delivered and the following certificates have been issued:

(i) 2 to new In-House Certification Measurers.

(e) North Sails Nevada (USA) - New loft under the WS AA system. Successful First audit and IHC license issued Jan 2026. Training was delivered and the following certificates have been issued:

(i) 2 to new In-House Certification Measurers.

(f) Doyle One Design Salem (USA) - New loft under the WS AA system. Successful First audit and IHC license issued Jan 2026. Training was delivered and the following certificates have been issued:

(i) 8 to new In-House Certification Measurers.

5.5 **IHC Loft List Update:**

(a) Elvstrom Sails has become inactive under the RYA in 2026

(b) Westaway Sails has become inactive under the RYA in 2026

(c) Impact Marine has successfully joined the system under the RYA in 2026

(d) Venti Sails Genova, Venti Sails Massa, Doyle One Design Salem and North Sails Nevada have successfully joined the system under WS in 2026

5.6 **IHC Programme in USA:**

(a) The management of the IHC program in the USA has moved from US Sailing to World Sailing.

(b) WS has successfully audited and licensed 2 lofts (Doyle One Design Salem and North sails Nevada) in the US under the WS AA System.

6. Next Steps

6.1 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:	31
(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:	54
(ii)	IHC Programme Compliance:	not following the latest IHC update
(iii)	Latest Audit performed and training received:	April 2022

6.2 Cost Evaluation

The Office carried out a review of the financial sustainability of the Programme to ensure that the fee model remains appropriate for its scale and the Technical Department resources required to administer, audit, train and support it.

The following changes will come into effect from 1 January 2027:

(a) Increase the IHC sticker price from £3.31 to £5.00 for sailmakers and from £1.66 to £2.50 for MNAs/Authorising Authorities, with a further annual increase of 2.5% from 2028 onwards.

(b) Introduce a £1,500 application fee for new sailmakers applying to become licensed under the IHC Programme.

The Office will continue to review the operating costs of the system against staff resources and income and evaluate the introduction of a minimum annual fee or sticker commitment and the recovery of training costs. Further recommendations may be presented at the next Equipment Committee meeting.

6.3 Audits

(a) The Office plans to perform the following audits before the end of the year:

(i) Hyde Sails – Scheduled for December 2026

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