

## **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 29 WS Classes, 2 International Rating System, 26 National Classes and 1 National Rating System are involved to date:

| <b><u>WS Classes &amp; International Rating Systems</u></b> |                |           |         |
|-------------------------------------------------------------|----------------|-----------|---------|
| 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 | Yngling |
| ClubSwan 50                                                 | J/70           | RC 44     | IRC     |
| Europe                                                      | J/80           | Swan 45   | ORC     |
| Fareast 28R                                                 | L30 One Design | Tempest   |         |

| <b><u>National Classes &amp; National Rating Systems</u></b> |         |                    |                |
|--------------------------------------------------------------|---------|--------------------|----------------|
| <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 39 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](#).

| <b><u>Sailmakers managed by World Sailing</u></b> |     |
|---------------------------------------------------|-----|
| 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 |

| <b><u>Sailmakers managed by Royal Yachting Association</u></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 |
| Suffolk Sails         | GBR |
| Ullman Sails          | GBR |
| UK Sails              | GBR |
| North Sails           | GBR |
| Doyle Sails Ireland   | IRL |
| UK Sailmakers Ireland | IRL |
| North Sails Ireland   | IRL |

#### **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 |

## **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 2023 Annual Conference

#### 3.1 Audits

- a) The Audit Plan for the Olympic Quad 2025-2028 has been drafted, it will include the following audits:
  - a. 2024: UK Sailmakers HKG (Hong Kong)
  - b. 2025: Doyle Sailmakers Qingdao (China), Olisails (Italy), North Sails Palma (Spain), North Manufacturing (PVT) LTD (Sri Lanka), Aqua Dynamics (Sri Lanka), Durteksails (Sri Lanka)
  - c. 2026: ZM Design (Italy), Hyde Sails Cebu Inc. (Phillipines), Wilfer (China)

#### 3.2 New Classes/Rating Systems:

- a) The X-41 Class is not a World Sailing class anymore, as a result it was removed from the list of classes joining the IHC program. All the IHC Sailmakers and MNA were notified and are aware of the change.
- b) ORC Rating System has joined the IHC program. After a first testing period 3 IHC Sailmakers have the ORC included in their agreement and they already certified sails.

#### 3.3 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-23 <sup>(*)</sup> |
| MNA  | Japan Sailing Association  | JPN | DEC-23 <sup>(*)</sup> |
| MNA  | Swedish Sailing Federation | SWE | DEC-23 <sup>(*)</sup> |
| MNA  | US Sailing Federation      | USA | N/A                   |

(\*) Remote Audit

### 3.4 IHC stickers sold by World Sailing:

| Type | Name                           | Country | 2020 | 2021 | 2022 | 2023 | 2024 To Date |
|------|--------------------------------|---------|------|------|------|------|--------------|
| LOFT | North Manufacturing (Pvt) Ltd. | LKA     | 2700 | 3200 | 5000 | 2511 | 2040         |
| LOFT | Durteksails (PVT) LTD          | LKA     | 250  | 500  | 651  | 355  | 407          |
| LOFT | Aqua Dynamic                   | LKA     | -    | -    | -    | 106  | 40           |
| LOFT | North Sails Palma              | ESP     | -    | 100  | -    | 20   | 17           |
| LOFT | Hyde Sails                     | PHL     | 100  | 260  | 300  | 202  | 111          |
| LOFT | ZM DESIGN                      | ITA     | -    | -    | 400  | 1614 | 282          |
| LOFT | Olisails                       | ITA     | -    | -    | 250  | 226  | 266          |
| LOFT | Doyle Sailmakers Qingdao       | CHN     | -    | 50   | -    | 7    |              |
| LOFT | UK Sailmakers HKG              | CHN     | 200  | 200  | 200  | 148  | 103          |
| LOFT | Wilfer Sails                   | CHN     | -    | -    | -    | 110  | 91           |
| MNA  | Royal Yachting Association     | GBR     | 1000 | 1000 | 2000 | 1000 | 1000         |
| MNA  | Japan Sailing Association      | JPN     | 2210 | 3200 | 3001 | 1000 | 1000         |
| MNA  | Swedish Sailing Federation     | SWE     | 1000 | 500  | 1000 | -    | -            |
| MNA  | US Sailing Federation          | USA     | 200  | -    | -    | -    | -            |

### 3.5 **IHC Lofts List Update:**

- (a) Doyle Sails Ireland, North Sails Ireland are new lofts certified from RYA
- (b) Atta Segel, Hybax AB is new lofts certified from SSF

### 3.6 **IHC Training Update**

- (a) Official training presentation for IHC sail loft updated according to new version of Equipment Rules of Sailing (2025-2028)

## 4. **Next Steps**

### 4.1 **USA MNA as Authorising Authority:**

- (a) Evaluate USA MNA

### 4.2 **IHC Training Update:**

- (a) Further review of training material for IHC sail loft

### 4.3 **Reporting System:**

- (a) Develop a new process for IHC Sailmakers to send information to World Sailing
- (b) Include IHC Sailmakers managed by MNAs in the reporting system already in place for the IHC Sailmakers.

### 4.4 **Audits**

- b) The Audit Plan for the Olympic Quad 2025-2028 has been drafted, the Office is planning to perform the following audits between the 2024 Annual Conference and the 2025 Annual Conference:
  - a. 2024: UK Sailmakers HKG (Hong Kong)
  - b. 2025: Doyle Sailmakers Qingdao (China), Olisails (Italy), North Sails Palma (Spain),