

Appendix K-4 : Application for renewal of measurement certificate for the year 2026 [Article C.IV.5 of the Internal Regulations of the *IMOCA*]

| the undersigned,, active member in good standing with <i>IMOCA</i> , hereby request, for the 2026 races specified below, the annual renewal |
|---|
| of my boat's measurement certificate: |
| Boat name : |
| World Sailing hull number (CR B.2(b)) : |
| Races covered by the measurement certificate renewal request : |
| □ 1000 Race |
| □ Vendée Arctique |
| ☐ The Ocean Race Atlantic |
| □ Défi Azimut |
| □ Route du Rhum |
| |
| he list of planned/completed work must be detailed on page 2. |
| Inexpected inspections may be carried out, whether the boat is on land or in the water. |
| The checklist of documents to be provided for the renewal of the IMOCA measurement ertificate is available in the members' area of the website www.imoca.org and is listed at the end of this document. The documents must be up to date for the year 2026. |
| additional documents may be requested by the Chief Measurer. |
| Date:// |
| kipper's signature : |

In accordance with Article A.9.2[e] of the IMOCA Class Rules, please provide a detailed list of all work, modifications and substitutions that have been carried out on your boat since the last valid measurement certificate of the boat: Boat name: World Sailing hull number (CR B.2(b)): DATE **DESCRIPTION**/......./....../...../....../......//....../....../....../......//....../....../......//......//....../....../......./......./........./...../...../

....../......./........

| 5010 001 | Done at : | Date : | //. | |
|----------|-----------|--------|-----|--|
|----------|-----------|--------|-----|--|

Skipper's signature:

List of documents to be provided to the CM to renew the MC

At the request of the CM, this list can be completed

Documents to be provided systematically for the renewal of the $\ensuremath{\mathsf{CDJ}}$:

| | CR | MP |
|--|------------|------|
| CDJ renewal application form (available in the member's area) indicating : - any modifications carried out ; - repairs carried out. | Annexe K-4 | C.2 |
| Valid keel NDT report (<4 years, covering the entire period of validity of the MC, to be renewed for each round-the-world race) | A.8.3 | C.2 |
| Valid mast NDT report (<1 an) | A.8.4 | C.2 |
| Valid hull NDT report (to be renewed in the year of departure for a round-the-world race) | A.8.5 | C.2 |
| Compliance document of installation of the AIS with the class A or B+ type mentioning: - The name of the organisation that checked the installation; - The type of VHF antenna and its impedance; - The type of coaxial cable (e.g. LMR400), its impedance and its attenuation per metre in dB for a frequency of 156.8 MHz; - The length of the coaxial cable; - The connectors, if any, (apart from the connection to the antenna and transponder) and their attenuations in dB; - The make and type of the AIS transponder and the VHF; | C.7.2 | A.13 |
| Completed calculation sheet for certification of compliance of AIS assembly (available in the member's area) | C.7.2 | A.13 |
| Drawing showing the volumes of the buoyancy foam installation | D.4(a) | C.2 |
| A table summarising the elements with the characterisitics of the closed-cell foam taken into account for the buoyancy volume calculation | D.4(a) | C.2 |
| Inspection and/or maintenance sheets for the standardised keel tilting control system | AB-2.3 | |

| Doc | uments to be provided for the renewal of the CDJ when the document concerned below is modified: | | |
|-----|---|------------------------------------|------|
| | | CR | MP |
| | Complete digital model of the boat with differents layers (see below) (MNCB) | | C.2 |
| | Boat drainage diagram specifying the types of pumps used and flow rates | C.3.2 | C.2 |
| | Invoice for the radar | C.3.14(b) | A.15 |
| | Document showing : - motor type ; - moteur brand and model | C.6.1(c)(vi) | C.2 |
| | Document certifying: - compliance with accessibility requirements from the external helm station of the "main" engine control(s) governing "forward" and/or "reverse" (reversing gear); - the possibility of sealing the propulsion system during racing to prevent the boat from being propelled. | C.6.1(d) | C.2 |
| | Technical Descritpion of the propulsion system seal | C.6.1(d) | C.2 |
| | Invoice of the propeller used, showing : - brand ; - type ; - characteristics. | | C.2 |
| | Document showing : - the set up of an independent starter battery or another source for starting the engine ; - the capacity of the independent starter battery. | C.6.2 (b) | C.2 |
| | Invoice of commercial production battery | C.6.2(d) | C.2 |
| | Dimensioned working deck diagram showing : - the height of the cockpit floor at the lowest point in relation to the DWL; - the toe rail; - stanchions; - Pulpits, pushpits. | C.9.1 C.9.2 C.9.4 D.7 | C.2 |
| | Certificate of compliance from the boat's architect certifying that the boat has been designed, built and maintained in accordance with the provisions of ISO 12215 Category A, as approved by the ISO WG18 convenor. | D.1(d)(i) | C.2 |
| | Certificate of construction plan control, in accordance with the provisions of ISO 12215 Category A, as approved by the ISO WG18 coordinator, issued by the architect | D.1(d)(ii) | |
| | A dated and signed declaration from the boat builder confirming that the boat has been built in accordance with the plans checked by the boat's architect. | D.1(d)(iii) | C.2 |
| | Document certifying compliance with the hull materials, including : - list of materials used - Confirmation certificates for each batch of fibre used. | D.3 Annexe G.1 Annexe G.2(d) | C.2 |
| | Calculation note on cockpit drainage requirements (ISO 11812) | D.7(c) | C.2 |
| | Certificate of compliance from the architect certifying that : - the cockpit is rapidly self-draining; - the ISO 11812 standard is complied with; - if the washboard is semi-fixed, it opens outwards only. | D.7(a)(b)(c) | C.2 |
| | 2D/3D diagram of watertight bulkhead with their hatches (or dedicated MNCB tracing) showing the maximum distances between each bulkhead | D.8.1(c)(d)(e) | C.2 |
| | Calculation notes certifying that the doors of watertight bulkhead and their hatches can withstand the pressure generated by the water in a flooded compartment, in accordance with the study carried out by Bureau Veritas on the pressure generated by the rocking of a liquid mass in a compartment (available in the member's area). | D.8.2(c) | C.2 |
| | Calculation notes certifying, in accordance with the study carried out by Bureau Veritas on the pressure generated by the rocking of a liquid mass in a compartment (available in the member's area), that: - the emergency exits withstand the pressure of the water whatever the sea conditions and the position of the boat; - hatches, closing systems and associated equipment withstand water pressure when the boat is upside down. | D.9 | C.2 |
| | Waterline plans of the boat and positions of the emergency exit mentioned in D.9.1(c) in the following configuration: - lightship configuration; - companionway door(s) mentioned in RDC D.9.2 closed; - 0°.90°.180° angle of heel or any other angle of heel requested by the CM. | D.9.1(c) | C.2 |

| | Position of the emergency exit located within 500 mm of the rearmost point of the hull and waterline of the boat in the following configuration: - lightship configuration; - companionway door(s) mentioned in RDC D.9.2 open; - watertight bulkhead doors closed; - the compartment corresponding to the companionway door(s) mentioned in RDC D.9.2 filled to cockpit overhead level; - 0° angle of heel. | D.9.1(c) | C.2 |
|-----|--|--|------|
| | Positions of the emergency exit located within 500 mm of the rearmost point of the hull and waterline planes of the boat in the following configuration: - light configuration; - companionway door(s) mentioned in RDC D.9.2 open; - watertight bulkhead doors closed; - 90°, 180° angle of heel. | D.9.1(c) | C.2 |
| | Proof (plan, measurements taken by the measurer before assembly, etc.) of a mechanical stop limiting the maximum lateral angle of the keel around its axis of rotation on each edge. | E.2(e) | |
| | Technical drawing showing the 2D longitudinal section of the bulb, indicating: - empty cavities where they exist; - the mass of the bulb alone - the weights and material characteristics of the various parts and accessories used to connect the bulb to the keel sail, in accordance with document 0669-1410 - Keel IMOCA - IND E - Principles of metal - Bulb assembly. | E.3 | C.2 |
| | Certificate of assembly of bulb with shaft Inconel 718 H, 17.4 PH or equivalent | E.3(b) | C.2 |
| _ | Document showing that the foil installation maintains the integrity of the watertight compartment containing the foil box in the event of a major impact to a foil. | E.4(k) | A.23 |
| | Validation file for the foils and their systems including: - Drawings; - Construction drawings; - Materials used; - 3D of foils in Up/Down positions in boat reference; - A1 axis; - A2 axis; - Mass; - CG; - Upper/Lower bearing layout; - Developed surface; - Static moment; - Details of how the first degree of freedom can be controlled and measured; - Details of how the second degree of freedom, if any, can be controlled and measured. | E.4(I) | A.16 |
| | Study report presenting the theoretical static forces and loads taken into account for the definition and construction of the structure around the keel bearings. | AB-1.3 | |
| | 2D dimensioned digital layout diagram with cotation of the standardised mast including: - The mast reference 0; - The different chainplate positions; - The angle between the tie-rod and the outrigger in the plane formed by these two axes; - The angles of the stays and runners. | Annexe C | C.2 |
| | GV decoration project | AE.1 | |
| | In-port promotional sail decoration project | AE.3 | |
| | Alternative materials file including for each piece of equipment : - 2D/3D diagram of each component; - set up diagram - its mass ; - its centre of gravity (CG); - its volume if submerged; - the traceability of each of its components. | Annexe J | |
| | List of installed commercial production sensor including : - Number - Brand - Model - Invoices | Annexe P | |
| | General electrical diagram of the boat including : - a table specifying the various batteries on board ; - the positions of the batteries in the boat register. | | C.2 |
| | Document certifying the density of the bulb | | C.2 |
| | Compliance document of the standardised mast | | C.2 |
| | Compliance document of the standardised keel | | C.2 |
| | Compliance document of the standardised canting system | | C.2 |
| | Compliance document of the standardised boom | | C.2 |
| L | Any other document request by the CM | | C.2 |
| Cor | nplete digital model of the boat (MNCB) in Rhino format, in the boat reference, containing a specific layer for each of the follow | | |
| | Owner the district was to the board ANNOD | CR | MP |
| 닏 | Complete digital model of the boat (MNCB) | D.2(a)(b)(c) | C.2 |
| | Cockpit floor height according to ISO 11812 in relation to the DWL | C.9.1(a) | C.2 |
| | Working deck | C.9.1(b) | C.2 |
| | Pulpits, stanchion, toe rail | C.9.1(b) C.9.2(a)(i) C.9.2(b)(iii) | C.2 |
| | Theorical sheerline | C.9.1(b) | A. |
| - | | D.2(f) | 7.13 |
| | Line passing through the two rearmost points of the sheerline on either side of the boat | D.2(f) C.9.1(b) | 7.13 |

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|---|-------------------|------------|
| Section of the hull on the YZ plane of the boat reference 1000 mm aft of the foremost point considered to determine the hull length | D.2(d) | |
| Curve formed by the projection on the XY plane of the boat reference of the points whose Y coordinates for each cross-section of the hull are maximum. | D.2(e) | |
| Transvers section of the hull at the Bmax | D.2(e) | |
| Transvers section of the hull X=17000mm, Transvers section of the hull at X=500mm | D.2(f) D9.1(c) | A. 7.15 |
| Complet rigging with all cables in position | D.5 F.2 | C.2 |
| Ballasts | D.5 | |
| Keel in 0° position with its axis of rotation, keel angled at its maximum on both sides | D.5 E.2(c)(e) | C.2 |
| Rudders in up and down position | D.5 E.1 E.5 | |
| Foils up and down to their maximum, A1 and A2 axes | D.5 E.1 E.4 | A.22 |
| Ballasts and their filling/emptying systems | D.6 | C.2 |
| Watertight bulkhead with their hatches and maximum distances between each bulkhead | D.8.1(c)(d)(e) | C.2 |
| Emergency exit | D.9.1 | |
| Waterline plans of the boat and positions of the emergency exit mentioned in D.9.1(c) in the following configuration : - lightship configuration ; - companionway door(s) mentioned in RDC D.9.2 closed ; - 0°,90°,180° angle of heel or any other angle of heel requested by the CM. | D.9.1(c) | C.2 |
| Position of the emergency exit located within 500 mm of the rearmost point of the hull and waterline of the boat in the following configuration: - lightship configuration; - companionway door(s) mentioned in RDC D.9.2 open; - watertight bulkhead doors closed; - the compartment corresponding to the companionway door(s) mentioned in RDC D.9.2 filled to cockpit overhead level; - 0° angle of heel. | D.9.1(c) | C.2 |
| Positions of the emergency exit located within 500 mm of the rearmost point of the hull and waterline planes of the boat in the following configuration: - light configuration; - companionway door(s) mentioned in RDC D.9.2 open; - watertight bulkhead doors closed; - 90°, 180° angle of heel. | D.9.1(c) | C.2 |
| Opening Hatch and portholes in open/close position | D.9.3 | |
| Keel in 0° position with bulb CG and standardised keel fin torsion axis | E.3(b) | |
| Y Plan=+-5750mm | E.3(d) | |
| Safrans with planes grouping all the points on the leading and trailing edges, dihedral angles between these planes and the XZ | E.5(f) | |
| Rigging complete with all cables in position and : - 0 mast reference - chainplates - Plans X=7700mm and X=8700mm | Annexe C | C.2 |

Additional documents to be provided for the renewal of the CDJ when the last CDJ is more than 4 years old:

| Additional documents to be provided for the renewal of the CD3 when the last CD3 is more than 4 years old. | | |
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| | RDC | PDJ |
| Recent NDT boat report | AA.3.1 | |