



# Domestic Commercial Vessel INSTRUCTIONS TO SURVEYORS

DCV-ITS-016 (05/2019)

**Subject:** This instruction provides information about Chapter 11 of the NSCV, Part F2, Leisure Craft which outlines the criteria whereby a vessel conforming to the EU Directive 2013/53/EU (formerly known as the European Recreation Craft Directive or RCD) may enter into class 4 operations. It also provides information on the use of the EU Directive 2013/53/EU for the design and construction of hull, deck and appendages of certain Class 1, 2 and 3 vessels.

**General:** The Recreational Craft Directive (RCD) modules that are accepted as a function of length and operational areas are listed in the NSCV Part F2 standard as follows:

Operational Area	Measured Length	RCD design category	Minimum CE modules							
			A1	B+C	B+C1	B+D	B+E	B+F	G	H
Inland waters	Lm ≤ 12m	D	✓	✓	✓	✓	✓	✓	✓	✓
E	Lm ≤ 24m	C	✓	✓	✓	✓	✓	✓	✓	✓
D	Lm ≤ 24m	C		✓	✓	✓	✓	✓	✓	✓
C	Lm ≤ 24m	B		✓	✓	✓	✓	✓	✓	✓

The majority of vessels are certified to modules B+C.

Module B covers the design type approval by a Notified Body. The Notified Body attests that the technical design of the vessel meets the essential requirements of the EU directive for specified design categories, powering and loadings. The Notified Body also undertakes an examination of a completed vessel to verify that it has been manufactured in accordance with the technical documentation.

Module C indicates that the builder had an internal production quality control system in place at the time of build. Under this arrangement, the builder shall take all measures necessary to ensure the manufacturing process and its monitoring achieve conformity of the vessels with the approved type described in the CE-type approval certificate. A sample Type Approval Certificate is included in Figure 1 of Annex A.

Module A1 can only be used for smooth water (operational area E) vessels.

The remaining module combinations (B+C1, B+D, B+E, B+F, G, H) are all considered higher levels of quality control than B+C as they involve greater involvement of notified bodies in the design and production process. They are accepted for operational areas up to restricted offshore operations (operational area C as defined in the NSCV Part B).

For each vessel produced, the builder is required to provide a Builders Declaration of Conformity which is a document that attests that the vessel has been built in accordance with the type approved design. It also indicates the level of quality assurance that was in place during construction (e.g. Module C – Internal production control). A sample Builders Declaration of Conformity is included in Figure 2 of Annex A.

**Initial survey process – design, construction and commissioning phases (SAGM Chapter 3.8):**

The initial survey must be carried out by an accredited surveyor in accordance with Chapter 3 of the National Law - Marine Surveyors Accreditation Guidance Manual 2014 as amended in June 2018 (SAGM) Part 2. Upon completion, a recommendation for survey is required from the surveyor in order for a Certificate of Survey to be issued for the vessel. The CE certification is deemed to satisfy the design and construction phases of SAGM Part 2 Chapter 3.8. The accredited surveyor is to confirm that the vessel is correctly certified for the proposed operational area and number of persons on-board. Where overnight operations

are proposed, the surveyor must verify that a suitable sleeping berth is provided for each person staying on board overnight. The number of berthed and un-berthed persons (up to a maximum of 12) are determined as a function of berthing arrangements and the CE capacity for the equivalent RCD design category.

As part of the commissioning phase, the vessel must be surveyed by an accredited surveyor both out of the water as well as afloat in accordance with SAGM Part 2. The accredited surveyor must also verify that the safety equipment, propeller shafting (where applicable), petrol engine installation (where applicable), electrical installation, buoyancy and stability are in accordance with the relevant sections of Chapter 11 of the NSCV Part F2 standard.

Operational requirements:

The owner of the vessel must ensure that the operational requirements outlined in Chapter 13 of NSCV Part F2 standard are met. This includes the implementation of a Safety Management System.

A new Certificate of Operation, or the addition of a vessel to an existing Certificate of Operation will be processed dependent upon the owner producing evidence of compliance with the operational requirements.

Other imported vessels:

Vessels imported from outside the EU can obtain CE certification through a Notified Body such as IMCI (International Marine Certification Institute) either at the time of build (preferred) or via a Post Construction Assessment (PCA).

In North America, many National Marine Manufacturers Association (NMMA) inspectors are also certified to undertake CE conformity surveys.

**Craft for use in operations other than Class 4 - Leisure Craft**

The NSCV Part F2 standard does not apply to Class 1, 2 or 3 vessels. Instead, the individual standards of the NSCV and USL Code are applicable in accordance with Marine Order 503

Structure:

NSCV Part C3, Construction allows for the use of the ISO12215 standard for vessels up to 13m in length in light operations such as skippered leisure charters. CE certification may be used to demonstrate compliance with this part of the standard for the design and construction of the hull, deck, superstructure and appendages including rudders. There may be instances where a standard other than ISO12215 has been used by the designer and accepted by the Notified Body. This will be indicated in the Builders Declaration of Conformity. The surveyor must ascertain how the essential requirements of the directive have been met in lieu of using the harmonised ISO12215 standard. A request for specific exemption will need to be submitted to AMSA along with the supporting documentation that shows how the safety of the vessel or its occupants will not be jeopardised should the exemption be granted.

The relationship between NSCV operational area categories and ISO design categories is given in clause 3.4.4 of the NSCV Part C3 standard:

<b>NSCV Operational Area Category</b>	<b>Equivalent ISO Design Category</b>	<b>Additional conditions</b>
C	A: Ocean	None
	B: Offshore	Not to operate in wave heights greater than 4 m significant, nor wind force exceeding 7 Beaufort
D	B: Offshore	None
	C: Inshore	Not to operate in wave heights greater than 2 m significant, nor wind force exceeding 6 Beaufort
E	C: Inshore	None

	D: Sheltered waters	Except for sailing vessels, not to operate in wind force exceeding 4 Beaufort
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Remaining NSCV and USL Code Standards:

The vessel must comply with the remaining standards outlined in *Marine Order 503 (Certificates of survey – National Law) 2013 (MO503) Section 8(b)*. This includes:

- intact and damaged stability - NSCV Part C6A, NSCV Part C6B;
- arrangement and accommodation - NSCV Part C1;
- electrical – NSCV Part C5B;
- fire safety - NSCV Part C4;
- watertight and weathertight integrity - Parts of USL Code 5C or USL Code 5D as indicated in MO503 8(b);
- engineering - NSCV Part C5A;
- life-saving appliances - NSCV Part C7A;
- communications – NSCV Part C7B;
- navigation equipment - NSCV Part C7C; and
- anchoring - NSCV Part C7D.

An accredited surveyor must assess the vessel for compliance against these standards. Where there is an extraordinary reason for which a vessel cannot comply with a particular requirement, and the safety of the vessel or its occupants is not jeopardised, a specific exemption may be requested from AMSA. Note that an approval is not guaranteed and if granted may include operational restrictions.

Initial survey process - Design, construction and commissioning phases (SAGM Chapter 3.8):

The initial survey is to be carried out by an accredited surveyor in accordance with Chapter 3 of SAGM Part 2. An accredited surveyor’s survey report and recommendation are required for a Certificate of Survey to be issued.

CE certification is deemed to satisfy the design and construction phases of SAGM Chapter 3.8. for the hull, deck, superstructure and appendages to the extent indicated in the following table as a function of length and class:

NSCV Class	Measured Length	Minimum CE Modules
1E, 1D	Less 7.5m	B + C
1E, 1D	7.5m to 13 m	B + D
2E, 2D, 3E, 3D	Less than or equal to 13 m	B + C
2C, 3C	Less 7.5m	B + C
2C, 3C	7.5m to 13 m	B + D
3E, 3D	Less than or equal to 13 m	B + C

**Note regarding ISO9001 Certification:**

In some instances, vessels are imported with CE certification indicating that modules B+C have been applied however, the factory itself has quality assurance to ISO9001 for design and construction of the vessel(s). This is considered to be superior to modules B+C or B+D. The accredited surveyor is to ensure that the ISO9001 certification was in effect at the time of build and that the ISO9001 covers the design and construction of the vessel type in question.

The accredited surveyor is to confirm that the vessel is correctly certified for the proposed operational area and number of persons on-board. The numbers of berthed and un-berthed persons are determined as a function of:

- maximum permissible loading under the CE certification;
- berthing arrangements (NSCV Part C1);
- deck areas (NSCV Part C1);
- seating (NSCV Part C1);
- life-saving equipment (NSCV Part C7A); and
- stability (NSCV Part C6).

Where it is proposed to carry a greater number of persons than what is indicated on the CE certification, the accredited surveyor is to ensure that the additional deadweight is within the design loadings for which the vessel structure was approved. If this is not the case, a revised structural analysis is to be completed and approved by a surveyor accredited in category a – plan approval.

As part of the commissioning phase, the vessel must be surveyed by an accredited surveyor both out of the water as well as afloat in accordance with SAGM Part 2.

The vessel stability must also be assessed at this time. GES 2014/03 which allows the use of the ISO12217 standard may be used for 2C sailing yachts carrying up to 12 passengers and 16 persons in total. Where this GES is applied and the initial stability assessment has been conducted by a surveyor not attested or accredited under the National Law, an additional stability verification must be conducted in accordance with AMSA's Instruction to Surveyors DCV-ITS-001 and the results communicated to the National Regulator. The GES can be accessed on the [AMSA website](#).

For motor vessels and vessels for which GES2014/03 does not apply, the requirements of NSCV Part C6A and C6B must be met. A stability book must be generated in accordance with NSCV Part C6C and approved by a surveyor with accreditation category b – stability.

The electrical and LPG systems are to be certified by suitably licensed electricians and plumbers as conforming to the requirements of the NSCV Part C5B and NSCV Part C5C standards respectively. Note that it is the responsibility of the attending surveyor to ensure that the certification has been carried out to the correct standard by suitably qualified technicians.

Operational requirements:

The owner of the vessel must ensure that the operational requirements outlined in the NSCV Part E – Operations are met. This includes the implementation of a Safety Management System.

The owner must provide evidence of compliance with these requirements for the vessel to be added to a new or existing Certificate of Operation.

CE Certification -  
Figure 1 –  
Sample type  
approval  
certificate:

ATTESTATION D'EXAMEN « CE DE TYPE » - n° B SPB 15084 VM

selon la Directive Européenne 94/25/CE du 16 juin 1994

amendée par la Directive Européenne 2003/44/CE du 16 juin 2003

ATTESTATION OF « EC TYPE » EXAMINATION, according to European Directive 94/25/EC of 16 June 1994 as amended by European Directive 2003/44/EC of 16 June 2003

DEMANDEUR /  
REPRESENTANT :  
Requested by :

**SPBI**

Parc d'activité de l'Eraudière BP 45  
85 170 DOMPIERRE sur YON France

CONSTRUCTEUR :  
Builder :

**SPBI**

Parc d'activité de l'Eraudière BP 45  
85 170 DOMPIERRE sur YON France

NOM DU PRODUIT :  
Product name:

**BENETEAU OCEANIS 41.1**

DESCRIPTION :  
Description :

**Voilier Monocoque de croisière**  
Cruising monohull sailboat

LONGUEUR DE COQUE (ISO) :  
Hull length (ISO) :

**11,97 m**

CATEGORIE DE CONCEPTION :  
Design category :

**A**

NOMBRE DE PERSONNES  
MAXIMUM RECOMMANDEE :  
Recommended maximum crew  
number :

Catégorie de Conception : Design Category :	A	B	C	D
Personnes (Persons) :	8	9	12	12

CHARGE MAXIMALE  
RECOMMANDEE :  
Recommended maximum load  
capacity :

Catégorie de Conception : Design Category :	A	B	C	D
Kg :	3 390	3 390	3 610	3 610

MOTORISATIONS  
CONCERNEES :  
Engines installations concerned :

**Moteur(s) IN-BORD (outboard engine)**

1 x YANMAR 4JH45CR : 1 x 33,1 kW (45 ch/hp) (ISO 8665)

MODULE DE CERTIFICATION :  
Certification module :

**B – Examen « CE de type »**

B – « EC type » Examination

MARQUAGE « CE » :  
« CE » marking :

**La Marque "CE" est placée sur la plaque constructeur.**  
The CE mark is on the builder's plate

PROCEDURE DE  
CERTIFICATION :  
Certification procedure :

**Cette certification atteste que le produit remplit les exigences essentielles de la Directive 94/25 CE telle qu'amendée par la Directive 2003/44 CE et qu'il est conforme aux normes mandatées listées dans l'annexe de référence Ar B SPB 15084 VM.**

*This certification is to assess that the product meets the essential requirements of Directive 94/25/EC as amended by Directive 2003/44 EC, and complies with mandated standards as listed in annex of references.*

RESULTATS :  
Results :

**Le produit décrit ci-dessus correspond aux exigences de l'annexe 1 de la Directive Européenne 94/25 CE du 16 Juin 1994 telle qu'amendée par la Directive 2003/44 CE du 16 juin 2003.**

*Product described above fulfils requirements of Annex 1 of European Directive 94/25/EC of 16 June 1994 as amended by Directive 2003/44/EC of 16 June 2003.*

INSTITUT  
POUR LA CERTIFICATION  
ET LA NORMALISATION  
DANS LE NAUTISME  
INSTITUTE FOR CERTIFICATION AND NORMALISATION IN NAUTICAL FIELD  
40, avenue du Lazaret  
17 000 LA ROCHELLE - FRANCE  
TÉLÉPHONE : 00 33 (0)5 46 28 32 24  
e.mail : contact@icnn.fr  
ORGANISME NOTIFIÉ n°0607  
DIRECTIVE 94/25/CE - DIRECTIVE 2003/44/CE  
SIRET 399 843 051 00034 - APE 9411Z  
TVA FR 05 399 843 051

**icnn**

La Rochelle, le 23 février 2016  
Le directeur de l'organisme certificateur :  
Notified Body Director :  
Alexandre COCHERIL



CE Certification -  
Figure 2 –  
Sample  
declaration of  
conformity:

**Declaration of Conformity of Recreational Craft with the Design,  
Construction and Noise Emission requirements of Directive 94/25/EC  
as amended by Directive 2003/44/EC**

*(To be completed by boat builder)*

**Name of craft manufacturer:** SPBI S.A.

**Address:** BP 45

**Town:** DOMPIERRE SUR YON **Post Code:** 85170 **Country:** FRANCE

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**Name of Authorised Representative (if applicable):**

**Address:**

**Town:** **Post Code:** **Country:**

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**Name of Notified Body for design and construction assessment (if applicable):** I.C.N.N.

**Address:** 40, Avenue de Lazaret

**Town:** LA ROCHELLE **Post Code:** 17000 **Country:** FRANCE **ID Number:** 0607

**Ectype-examination Certificate number:** B SPB 15084 VM **Date:(yr/month/day)** 16/02/23

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**Name of Notified Body for noise emission assessment (if applicable):** -----

**Address:** -----

**Town:** ----- **Post Code:** ----- **Country:** FRANCE **ID Number:** ----

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**Module used for construction assessment:** A  Abis  B+C  B+D  B+E  B+F  G  H

**Module used for noise emission assessment:** A  Abis  G  H

**Other Community Directives applied:**

**DESCRIPTION OF CRAFT**

**Craft Identification Number (CIN)**

F	R	S	P	B																
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**Brand name of the craft:** BENETEAU **Type or number:** OCEANIS 41.1

**Type of craft**  
 sailboat  motorboat  
 inflatable  
 other (specify):

**Type of hull**  
 monohull  multihull  
 other (specify):

**Construction material**  
 Aluminium, aluminium alloys  plastic, fiber reinforced plastic  
 steel, steel alloys  wood  
 other (specify):

**Maximum Design Category:**  A  B  C  D  
**For a Maximum number of persons** 8 9 12 12

**Max.recommended Engine power** 33,10 kW  
**Installed engine power:** 33,10 kW  
**Maximum recommended engine weight** 329,00 kg

**Type of main Propulsion**  
 sails  petrol engine  
 diesel engine  electric motor  
 oars  
 other (specify):

**Type of engine**  
 outboard  inboard  
 z or sterndrive without integral exhaust  
 z or sterndrive with integral exhaust  
 other (specify):

**Deck**  
 fully decked  partly decked  
 open  
 other (specify):

**Length of hull LH** 11,97 m **Beam of hull BH** 4,20 m **Depth D** 1,76 m  
**Draught T** 1,68 m **Sails surface (projected)** 77,63 m<sup>2</sup>

This declaration of conformity is issued under the sole responsibility of the manufacturer. I declare on behalf of the craft manufacturer that the craft mentioned above complies with all applicable essential requirements in the way specified (and is in conformity with the type for which above mentioned Ectype examination certificate has been issued).

**Name and function** CARLA DEMARIA  
 (identification of the person empowered to sign on behalf of the manufacturer or his authorised representative)  
**Date:(yr/month/day)** 16 / 10 / 10

**Signature et title**  
 (or an equivalent marking)

**BENETEAU**  
**SPBI SA**

Essential requirements (Reference to relevant articles in Annex IA & IC of the Directive)	Standard	Other normative document/methods	Technical file	Please specify in more details (* : Mandatory Standards)
<b>General requirements (2)</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 8666 :2002*
Craft identification Number - CIN (2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10087 :2006*
Builder's plate (2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 14945 :2004
Protection from falling overboard and means of reboarding (2.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 15085 :2003/A1 2009
Visibility from main steering position (2.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NA
Owner's manual (2.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10240 :2005
<b>Integrity and structural requirements (3)</b>				
Structure (3.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 12215-5 :2008 , EN ISO 12215-8 :2009 , EN ISO 12215-9 :2012
Stability and freeboard (3.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 12217-2 :2013
buoyancy and floatation (3.3)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 12217-2 :2013
Opening in hull, deck, and superstructures (3.4)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 12216 :2002, EN ISO 11812 :2001, EN ISO 15083 :2003, EN ISO 9093-1:1997, Bureau Veritas Rule Note NR320
Flooding (3.5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 11812 :2003, EN ISO 15083 :2003
Manufacturer's maximum recommended load (3.6)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 14946 :2001
Liferaft stowage (3.7)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MANUEL PROPRIETAIRE / OWNER'S MANUAL
Escape (3.8)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 9094-1 :2003
Anchoring, mooring and towing (3.9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 15084 :2003
<b>Handling characteristics (4)</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 8665 : (2006)
<b>Engines and engine spaces (5.1)</b>				
Inboard engine (5.1.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 16147 :2003
Ventilation (5.1.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NA
Exposed parts (5.1.3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pas de norme mandatée/ No mandated standard
Outboard engine starting (5.1.4)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NA
<b>Fuel system (5.2)</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10088 :2013
General - Fuel system (5.2.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10088 :2013, EN ISO 7840 :2013, EN ISO 8469 :2013
Fuel tanks (5.2.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 21487 :2012
<b>Electrical systems (5.3)</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10133 :2012, EN ISO 13297 :2012, EN ISO 8849 :2003
<b>Steering systems (5.4)</b>				
General - steering systems (5.4.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 8847 :2004, EN ISO 25197 :2012
Emergency arrangements (5.4.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pas de norme mandatée/ No mandated standard
<b>Gas systems (5.5)</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 10239 :2015
<b>Fire protection (5.6)</b>				
General - Fire protection (5.6.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 9094-1 :2003
Fire-fighting equipment (5.6.2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 9094-1 :2003
<b>Navigation lights (5.7)</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	COLREG 1972
<b>Discharge prevention (5.8)</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EN ISO 8099 :2000
<b>Annex I.B - Exhaust Emissions</b>		<input checked="" type="checkbox"/>		VOIR LA DECLARATION ECRITE DE CONFORMITE DU FABRICANT DU MOTEUR/ See the Declaration of Conformity of the engine manufacturer
<b>Annex I.C - Noise Emissions</b>		<input type="checkbox"/>	<input type="checkbox"/>	
Noise emission levels (I.C.1)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pn/Mp < 40 & Fn < 1.1 => Pas de rapport d'essai / No try report
Owner's manual (I.C.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MANUEL FOURNISSEUR / SUPPLIER'S MANUAL

<sup>1</sup>Only to be completed for boats with inboard engines or sterndrive engines without integral exhaust

Contact:

DCVSurvey@amsa.gov.au