



EU-Type Examination Certificate

APPLICANT

Searebbel SL

C/ Costa i Llobera 47, Inca, 07300, Spain

Manufacturer: Searebbel SL

C/ Costa i Llobera 47, Inca, 07300, Spain

Commercialised by (brand): Searebbel

PRODUCT

MobilePilot

Type of product: MobilePilot

HW / SW: V0.2.2 / V1.11.5

Description: MobilePilot is a portable navigation assistance system specifically designed for recreational boats

APPLICABLE REGULATION

Radio Equipment (RED)

Directive 2014/53/EU of the European Parliament and of the Harmonisation of the laws of the member states relating to the making available on the market of radio equipment.

Meet Essential Requirements

- | | |
|--|---------------------------------------|
| ☒ Art. 3.1 (a) | ☐ Art. 3.3 (g) |
| ☒ Art. 3.1 (b) | ☐ Art. 3.4 |
| ☒ Art. 3.2 | |

This document is not valid without its technical annex, whose number matches with the number of this certificate. The evaluation of the technical documentation delivered is included in the technical file number: 25/36402925.

This Certificate is valid as long as there are no changes in the state of the Art indicating that the approved radio equipment can no longer meet the essential requirements of Directive 2014/53/EU and there are no notifications of the approved type that may affect the accordance with the essential requirements of Directive 2014/53/EU. Restrictions (if applicable): N/A.

The manufacturer, after the completion of the technical documentation, the conformity assessment procedures and the EU Declaration of conformity, may affix the CE Marking under his responsibility.

No. 0370-RED-9465

Issuance Date: 25 July 2025



Check the status
of this certificate

Lluís Boada

Certification Technical Manager
Electrical & Electronics



LGA Technological Center S.A. (APPLUS)
Notified Body No. 0370

Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)



Certificate

Technical Annex

1. Model Description

1.1. General Information on the Equipment

Manufacturing country: Spain

Brand: Searebbel

Commercial designation: Searebbel

Country of commercialisation: EU

Radio Service: Bluetooth, WiFi 2.4 GHz and GNSS

Application: portable navigation assistance system specifically designed for recreational boats

1.1.1. Trade Versions/Variants

N/A

1.2. Features

Bluetooth, WiFi 2.4 GHz and GNSS

1.3. Software Version(s)

V1.11.5

1.4. Hardware Version(s)

V0.2.2

1.5. Other Components

Disposable Antenna?

- ☐ Yes
☒ No

Antenna Gain (dBi):

1.6. Operating Frequencies and Maximum Power Emitted by Band

Band	Service	Operational Frequency (TX)	Max. Power*
Band 1	Bluetooth	F_min : 2402 MHz F_max : 2480 MHz	7.67 dBm
Band 2	WiFi 2.4 GHz	F_min : 2412 MHz F_max : 2472 MHz	18.87 dBm
Band 3	GNSS Receiver	RX_F_min: 1559 MHz Rx_F_max: 1610 MHz	N/A

* Antenna Gain included

1.7. Other Parameters of Radio Interface Acceptance Specifications (RI)

Requires licence / Use Authorisation:

- ☐ Yes
☒ No

2. Test Protocol

Requirement	Standard/evidence	Laboratory	Report N°
Health and Safety Article 3.1(a)	EN 62368-1:2014 + AC:2015 + AC: 2015 + AC: 2015 + A11:2017 + AC:2017	LGAI Technological Center, S.A. (APPLUS)	25/36402876
	EN 62311:2008	BACL, Kunshan	RSHD200323002-01D
EMC Article 3.1(b)	EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 301 489-19 V2.2.1	LGAI Technological Center, S.A. (APPLUS)	25/36402704
Efficient use of Radio spectrum Article 3.2	EN 300 328 V2.2.2	BACL, Kunshan	RSHD200323002-01A RSHD200323002-01B RSHD200323002-01C
	ETSI EN 303 413 V1.1.1	Verkotan Oy	ETSI EN 303 413 Report SAM-M10Q ID5725 15082022.docx
	EN 303 413 V1.2.1	Eurofins Electric & Electronics Finland Oy	3564RER002

3. Restrictions (if positive)

- ☐ Yes
☒ No

Describe restrictions:

4. Activities carried out by the Notified Body (NB)

Technical Documentation Review

- | | | |
|--|---|--|
| ☐ Assembly drawing(s) | ☒ Block Diagram | ☒ Circuit diagram / schematics |
| ☒ External photographs | ☒ Label drawing/location | ☒ User manual |
| ☒ Internal photographs | ☒ Operational description | ☒ Risk Assessment |
| ☒ Test set-up photographs | ☒ Test reports | ☒ EU declaration of conformity |
| ☒ Bill of Materials | ☐ PCB layout | |
| ☒ Installation diagrams and explanations | ☒ List of applied (harmonized and non-harmonized) standards | |

Other Activities:

- ☒ RIS
- ☒ EFIS/CNAF
- ☒ Review Technical Justifications
- ☒ Analysis Report
- ☒ EU type certification issued

5. Additional Information

Radio Equipment Directive 2014/53/EU, Article 10.4: Manufacturers shall keep the technical documentation and the EU declaration of conformity for 10 years after the radio equipment has been placed on the market.

Radio Equipment Directive 2014/53/EU, Annex III, Module B.7: The manufacturer shall inform the notified body that holds the technical documentation relating to the EU-type examination certificate of all modifications to the approved type that may affect the conformity of the radio equipment with the essential requirements of this Directive or the conditions for validity of that certificate. Such modifications shall require additional approval in the form of an addition to the original EU-type examination certificate.

This review includes draft standards, deviations from the standards and technical justification for compliance.