

ECE TYPE-APPROVAL CERTIFICATE



Communication Concerning: Approval granted
 ~~Approval extended~~
 ~~Approval refused~~
 ~~Approval withdrawn~~
 ~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: **E24*10R05/01*2440*00**

Reason for extension: *N/A*

- | | |
|---|--|
| 1. Make (trade name of manufacturer): | <i>VIASAT
Viasat Group, VEM Solutions
ELEM, Datamove, Teamind Solution,
Viasat Servicios Telematicos,
Personalisacion y Seguridad Profesional,
Mobilefleet Chile, ViasatSystems,
Enigmas Vehicle Systems, Viasat Telematics,
Blusat Servicios Telematicos, Viasat Polska,
Viasat Operator Telematyczny,
CMA Monitoring Group, CMA Monitoring,
Tracksys, BF Engineering, Emixis,
Hitech and ICom</i> |
| 2. Type and general commercial description: | <i>JSBD
Black Box
(GPS/GSM Localizer and Emergency system)</i> |
| Variant(s): | <i>One:
JSBD-1</i> |
| 3. Means of identification of type, if marked on the component: | <i>Adhesive Label</i> |
| 3.1 Location of that marking: | <i>On bottom of plastic case</i> |
| 4. Category of vehicle: | <i>See Appendix</i> |
| 5. Name and address of manufacturer: | <i>Viasat S.p.A
Via Tiburtina 1180 00156 Roma
Italy</i> |
| 6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark: | <i>Adhesive label on bottom of plastic case</i> |



NSAI
Certification

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7. Address(es) of assembly plant(s):

*ICOM Ltd
150 Vasil Levsky Str.,
4003 Plovdiv, Bulgaria*

*VEM Solutions S.p.A
Via Asota 20/22/24
10078 Venaria Reale (TO)
Italy.*

8. Additional information (where applicable):

See appendix

9. Technical service responsible for carrying out the tests:

*IMQ S.p.A
Via Quintiliano, 43
I-20021 Bollate (MI)*

10. Date of test report:

01.02.2018

11. Number of test report:

AR17-0020726-01

12. Remarks (if any):

See Appendix

13. Place:

Dublin

14. Date:

05th March, 2018

15. Signature:



16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.

Appendix

To type-approval communication concerning the type approval of an electrical/electronic sub-assembly under Regulation No.10.

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|--|--|
| 1. Additional information | |
| 1.1. Electrical system rated voltage: | <i>12V, negative ground</i> |
| 1.2. This ESA can be used on any vehicle type with the following restrictions: | <i>See manufacturer's specifications.</i> |
| 1.2.1 Installation conditions, if any: | <i>See manufacturer's specifications.</i> |
| 1.3. This ESA can only be used on the following vehicle types: | <i>N/A</i> |
| 1.3.1 Installation conditions, if any: | <i>N/A</i> |
| 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: | <i>Bulk current injection method
Frequency range: 20 - 200 MHz
Free field testing method
Frequency range: 200 - 2000 MHz</i> |
| 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: | <i>IMQ S.p.A</i> |
| 2. Remarks: | <i>N/A</i> |

Appendix to type-approval communication concerning the type approval of a vehicle under Regulation No.10.

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| 1. Additional information | |
| 2. Special devices for the purpose of Annex 4 to this Regulation: | <i>N/A</i> |
| 3. Electrical system rated voltage: | <i>N/A</i> |
| 4. Type of bodywork: | <i>N/A</i> |
| 5. List of electronic systems installed in the tested vehicle(s) not limited to the items in the information document: | <i>N/A</i> |
| 5.1 Vehicle equipped with 24 GHz short-range radar equipment (yes/no): | <i>N/A</i> |
| 6. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: | <i>N/A</i> |
| 7. Remarks: | <i>N/A</i> |