



**NSAI**  
Certification

**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~~Approval withdrawn~~  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\*2441\*01**

Reason for extension:

- *Changed far-end connector for JSBH*
- *Adjusted the trade mark.*
- *Added a new variant with a different cable (two wire cable) to connect the control unit.*

1. Make (trade name of manufacturer):

**VIASAT**  
***Viasat Group, VEM Solutions, Datamove, Teamind Solution, Viasat Servicios Telematicos, Personalisacion y Seguridad Profesional, Mobilefleet Chile, Viasat Systems, 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***

2. Type and general commercial description:

**JSBH**  
***Black Box***  
***(GPS/GSM Localizer and Emergency system)***

Variant(s)

**JSBH-1**

3. Means of identification of type, if marked on the component:

***Adhesive Label***

3.1 Location of that marking:

***On bottom of plastic case***

4. Category of vehicle:

***See Appendix***

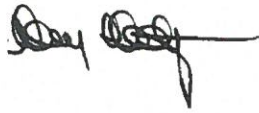
5. Name and address of manufacturer:

***Viasat S.p.A***  
***Via Tiburtina 1180 00156 Roma***  
***Italy***

6. In the case of components and separate technical units, location and method of affixing of the ECE approval mark:

***Adhesive label on bottom of plastic case***

Approval No: E24\*10R05/01\*2441\*01

7. Address(es) of assembly plant(s): *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-20138 Milano*
10. Date of test report: *As before and 06.12.2018*
11. Number of test report: New: *AR18-0033561-01*  
Former: *AR 17-0019245-02-2*
12. Remarks (if any): *See Appendix*
13. Place: *Dublin*
14. Date: *30<sup>th</sup> January, 2019*
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>12/24 V, 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<br/>(Frequency range: 20 - 200 MHz)<br/>Free field testing method<br/>(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> |