



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

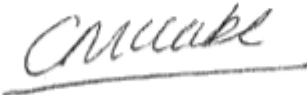
COMMUNICATION CONCERNING APPROVAL EXTENDED OF A TYPE OF ELECTRONIC SUB-  
ASSEMBLY WITH REGARD TO REGULATION NO. 10.06



Approval No: E11\*10R06/02\*10176\*01

1. Make (trade name of manufacturer): Deep Sea Electronics Limited
2. Type and general commercial description(s): M643-003-01
3. Means of identification of type, if marked on the component: Identified by Serial Number/Identification label
  - 3.1. Location of that marking: Affixed to the front of the unit
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:

Deep Sea Electronics Limited  
Highfield House  
Hunmanby Industrial Estate  
Hunmanby  
North Yorkshire  
YO14 0PH  
United Kingdom
6. In the case of components and separate technical units, location and method of affixing of the approval mark: See item 3 and 3.1

7. Address(es) of assembly plant(s):  
Deep Sea Electronics Limited  
Highfield House  
Hunmanby Industrial Estate  
Hunmanby  
North Yorkshire  
YO14 0PH  
United Kingdom
8. Additional information (where applicable): See Appendix below
9. Technical Service responsible for carrying out the tests: Element Materials Technology
10. Date of test report: 28 April 2023
11. No. of test report: TRA-056581-36-01A
12. Remarks (if any): See Appendix below
13. Place: BRISTOL
14. Date: 15 MAY 2023
15. Signature:   
C McCABE  
Chief Technical and Statutory Operations Officer
16. The index to the information package lodged with the Approval Authority, which may be obtained on request, is attached.
17. Reasons for extension: PCB hardware changes and update approval from R10.05 to R10.06

## Appendix

to type approval communication form No. E11\*10R06/02\*10176\*01  
concerning the type approval of an electrical/electronic sub-assembly under UN Regulation No. 10.06

1. Additional information:
  - 1.1. Electrical system rated voltage: 12/24 V. neg ground
  - 1.2. This ESA can be used on any vehicle type with the following restrictions: Not applicable
  - 1.2.1. Installation conditions, if any:  
Not applicable
  - 1.3. This ESA can be used only on the following vehicle types: Not applicable
  - 1.3.1. Installation conditions, if any:  
Not applicable
  - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9):  
ISO 11452-2 from 200 MHz to 2 GHz and ISO 11452-4 from 20 MHz to 200 MHz
  - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: Element Materials Technology, 100 Frobisher Business Park, Leigh Sinton Road, Malvern, Worcestershire, WR14 1BX, United Kingdom
2. Remarks: None