

NSAI
Certification

ECE TYPE-APPROVAL CERTIFICATE

Communication concerning the approval granted of an electrical/electronic sub-assembly
with regard to Regulation No.10.





Approval No: ***E24 10R-030463***

Extension No: *N/A.*

Reason for extension:

N/A.

1. Make (trade name of manufacturer): ***Starcom System S.A.***
2. Type and general commercial description: ***HELIOS (code LCU700)
Car tracking device***
3. Means of identification of type, if marked on the component: ***See 2. above***
- 3.1 Location of that marking: ***On the housing of the unit.***
4. Category of vehicle: ***See Appendix.***
5. Name and address of manufacturer: ***Starcom System S.A.,
Pronconsa 11 Building, Beatriz M. De Caba
Panama City - Panama***
6. In the case of components and separate technical units,
location and method of affixing of the ECE approval mark: ***On the housing of the unit.
Incorporated into a label.***
7. Address(es) of assembly plant(s): ***See information document for details.***

8. Additional information (where applicable): *See appendix.*
9. Technical service responsible for carrying out the tests: *Nemko S.p.a.,
Via del Carroccio, 4,
IT-20046 Biassono MI,
Italy.*
10. Date of test report: *2009-02-12*
11. Number of test report: *121012TRFEMC*
12. Remarks (if any): *See Appendix .*
13. Place: *Dublin.*
14. Date: *2nd March 2009*
15. Signature:
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16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.
- 16.1 Documentation: *130 pages.*

Appendix

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

1. Additional information
 - 1.1. Electrical system rated voltage: *12/24 volts nominal.*
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: *12/24, battery negative on body*
 - 1.2.1 Installation conditions, if any: *See manufacturer's specifications.*
 - 1.3. This ESA can only be used on the following vehicle types: *N/A.*
 - 1.3.1 Installation conditions, if any: *N/A.*
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: *TEM Cell (20 - 2000MHz)*
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *Nemko S.p.a.*
2. Remarks: *N/A.*

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

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