**RIS implementation of ECC/REC/(11)10 on Location Tracking Application for**

**Emergency Services (LAES) in Disaster situations**

Foreword

The ECC has decided that RIS implementations of ECC deliverables should be uploaded to the ECO website in order to help administrations fill out the EFIS database.

This RIS implementation is limited to Location Tracking Application for Emergency Services (LAES) in Disaster situations.

**RIG II Template Location Tracking Application for Emergency Services (LAES) in Disaster situations**

**Radio Interface Notification by an administration**

|  | **Nr** | **Parameter** | **Description** | **Comments** |
| --- | --- | --- | --- | --- |
| **120****Normative part** | **1** | **Radiocommunication Service** | Not applicable | ITU-R RR Article 4.4LAES systems operate on a non-harmful interference and non-protected basis. |
| **2** | **Application** | LOCATION TRACKING APPLICATION FOREMERGENCY SERVICES (LAES) IN DISASTER SITUATIONS |  |
| **3** | **Frequency bands** | 3.1 - 4.8 GHz |  |
| **4** | **Channelling** | Not specified |  |
| **5** | **Modulation / Occupied bandwidth** | Not specified |  |
| **6** | **Direction / Separation** | Not specified |  |
| **7** | **Transmit power / Power density** | As in ECC Recommendation (11)10, Annex 1 Table 1 |  |
| **8** | **Channel access and occupation rules** | A maximum duty cycle of 5% per transmitter per second applies. |  |
| **9** | **Authorisation regime** | General authorisation or individual authorisation. Registration of LAES user organisations. | LAES networks are not Electronic Communications Networks or Services according to the Directive 2002/20/EC (see “Whereas 5”) as amended by the Directive 2009/140/EC (in particular see Article 1(2)). This legislation doesn't therefore apply.LAES networks are used in emergency situations.Users are services or agencies, recognised and defined as such by the national administration, responsible for public safety. |
| **10** | **Additional essential requirements according to Art. 3.3 of R&TTE Directive** | None |  |
| **11** | **Frequency planning assumptions** | ECC Recommendation (11)10 includes separation distances which are recommended in order to ensure the protection of specific radiocommunication services:Fixed Service: 3.4-4.2 GHz and 4.4-4.8 GHz;Fixed Satellite Service: 3.4-4.2 GHz and 4.5-4.8 GHz;Mobile Service: 3.4-4.2 GHz;Aeronautical Radio Navigation Service: 4.2-4.4 GHz | Separation distances are only specified for LAES training sites. |
| **Informative part** | **12** | **Planned changes** | --- |  |
| **13** | **Reference** | ECC Recommendation (11)10ECC Decision (06)04ECC Report 167ECC Report 170 |  |