

How to interact with EC and ESA for ESTB use

**2nd ESTB Workshop
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European
Commission



Classes of interactions for ESTB use

Three classes of interaction for ESTB use:

1. Getting information about the ESTB system
2. Performing Demonstrations /Pilot Projects using ESTB signal
3. Getting support for use of ESTB compatible receivers

Points of Contact for ESTB use

- Information about ESTB SIS:
 - ESA EGNOS Project Office (Toulouse)
- Information for set up of Demonstrations / Pilot Projects:
 - EC/ESA GISS (Brussels)
- Support for use of ESTB compatible receivers:
 - ESA ESTEC D/TOS Navigation Section (ETT)



Information about ESTB SIS

- Information on ESTB RIMS data for analysis (e.g. IONO data)
- Information on SIS standards
- Broadcast mode information
- Expected performance



Support for use of receivers

- Specific questions on receivers compatibility vis-à-vis ESTB
- Support for test/validation of specific receiver compatible with ESTB
- Request for loan of ESTB compatible receivers



Demonstrations /Pilot Projects

- Support for Demo/Trials with specific expertise
- Proposals for connection of additional RIMS for expanded ESTB
- Support for interpretation of demo results for specific GNSS applications



Procedure for interaction

1. Contact EC/ESA through the ESTB Helpdesk mail:

ESTB@esa.int

2. ESTB Helpdesk will direct you request to a specific expert for assessment and interaction
3. Specific concrete way forward can be elaborated through dedicated teleconference/meeting



Example: Procedure for connection of additional stations outside Europe

- ESTB Helpdesk to be contacted, providing a description of the foreseen activity
- GISS and EGNOS Project Office to assess the request and propose a framework for the activity. Technical I/F Requirements for connecting additional RIMS described in the document: « ESTB requirement for upgrading with additional RS »
- Typical processing could be:
 - feasibility study and I/F definition
 - RIMS procurement and installation
 - I/F checking
 - Connection of new RIMS and tests
 - Operations of extended ESTB