

EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Telecommunications and Integrated Applications

The European Space Agency is an equal opportunity employer
and encourages applications from women

POST Mobile System Engineer in the Satcom Projects & Systems Section, Future Projects Division, Telecom Technologies, Products and Systems Department, [Directorate of Telecommunications and Integrated Applications](#).

This post is classified in the A2–A4 grade band on the Coordinated Organisations' salary scale.

LOCATION ECSAT, Harwell (United Kingdom).

DUTIES The postholder will report to the Head of the Satcom Projects & Systems Section, which is responsible for the analysis, definition, initiation and management of industrial activities associated with new satellite telecommunication projects in the Directorate.

Specific responsibilities will include:

- monitoring and assessing the needs and potential for future mobile and secure communication systems, particularly in the area of aeronautical communications, as well as initiating and managing studies on associated system concepts;
- analysing and preparing proposals for new mobile/secure satellite telecommunication projects, including the definition of mission requirements;
- contributing to the definition, planning and implementation of aeronautical telecommunications standardisation activities;
- defining all elements associated with the end-to-end mission/system architecture of new mobile/secure satellite projects/systems; assessing and analysing the best concepts and technical solutions to meet defined mission and system requirements;
- assessing the potential and benefits of new mobile techniques/technologies and security concepts at system level; performing trade-offs between different concepts/technologies to optimise the end-to-end system;
- negotiating, monitoring and controlling contracts and activities related to new mobile/secure satellite projects;
- acquiring and developing end-to-end system engineering expertise in the development of new mobile/secure satellite system concepts and in new ESA projects/programmes.

QUALIFICATIONS

Applicants for this post should have a Master's degree or equivalent qualification in engineering and substantial experience in satellite telecommunication systems, preferably in the definition and implementation of the space and/or ground segment of mobile/secure systems for aeronautical communications. Specific experience in satellite telecommunications commercial market development is desirable.

Candidates shall demonstrate:

- innovation and creativity;
- a pragmatic approach with strong analytical skills;
- excellent organisational and decision-making skills;
- strong results-orientation;
- a proven ability to build positive relationships;
- excellent communication skills.

For behavioural competencies expected from ESA staff, please refer to the [ESA Competency Framework](#).

The working languages of the Agency are English and French. A good knowledge of one of these languages is required. Knowledge of another Member State language would be an asset.

CLOSING DATE

The closing date for applications is **1 December 2015**.

Applications from external candidates for this post should preferably be made [online](#) at the ESA website (www.esa.int/careers). Those unable to apply online should submit their CV to Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply should fill in the [Internal Application Form](#) and email it to [Apply2ECSAT](#).

The Agency may require applicants to undergo selection tests.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania Spain, Sweden, Switzerland, the United Kingdom and Canada.

Priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.