

## EUROPEAN SPACE AGENCY

### Vacancy in the Directorate of Human Spaceflight and Operations

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

#### **POST**

Ground Segment Engineer (2 posts) in the Antenna and Infrastructure Section, Ground Station Systems Division, Ground Systems Engineering Department, [Directorate of Human Spaceflight and Operations](#).

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

#### **LOCATION**

ESOC, Darmstadt (Germany) with a resident assignment to ESTEC, Noordwijk (Netherlands) or ECSAT, Harwell (United Kingdom).

#### **DUTIES**

The postholder will initially be assigned as integrated support to the function of Ground Segment Engineer in the Ground and User Segment Technologies and Products Section, Technologies and Products Division, Telecommunications Technologies, Products and Systems Department, Directorate of Telecommunications and Integrated Applications. Reporting to the Head of that Section, the incumbent will be responsible for managing activities related to telecommunication user and ground segment technology and products, including:

- initiating, in collaboration with the Procurement Department and other relevant ESA departments, activities related to ground segment technology and product development for satellite communications;
- establishing and controlling the relevant ESA requirements, specifications and general documentation;
- negotiating, monitoring and controlling contracts and activities related to ground segment technology and product development;
- preparing inputs for status reports;
- identifying and defining the ground segment product and technology needs for future satcom services;
- actively monitoring market and technology trends relevant to satcom ground segment;
- providing the technical support required in the field of responsibility and coordination of the specialised engineering support provided by the Directorate of HSO in the appropriate areas of competence, liaising with specialists from other ESA departments as needed.

**QUALIFICATIONS** Applicants for this post should have a Master's degree or equivalent qualification in engineering and experience of satellite telecommunications user and/or ground segment.

Technical experience and qualifications shall include:

- an understanding of satcom ground segment architectures, products (e.g. user terminals, gateways) and system solutions for broadcasting, broadband, trunking, backhauling and mobile applications;
- expertise in the area of RF and antenna technology for both fixed and mobile satcom user terminals;
- experience of LNAs, SSPAs, TWTAs, filters, frequency converters, work in the satcom industry being an asset;
- a proven ability to manage development contracts for ground segment equipment;
- specific experience of satcom commercial market development is desirable.

The required managerial and behavioural skills include:

- excellent organisational skills;
- attention to detail;
- problem-solving focus;
- an ability to establish and maintain effective working relationships.

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

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

**CLOSING DATE** The closing date for applications is **12 January 2015**.

Applications from external candidates should preferably be made [online](#) from the ESA website ([www.esa.int/careers](http://www.esa.int/careers)). Those unable to apply online should submit their CV to Human Resources, ESOC, Robert-Bosch-Str. 5, D-64293 Darmstadt, Germany.

ESA staff members wishing to apply should fill in the [Internal Application Form](#) and email it to [Apply2ESOC](#).

The Agency may require applicants to undergo selection tests.

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**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, Hungary, 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.**