

Ground Segment PA&S Manager

Job Req ID: 13947

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Vacancy Type: Permanent

Date Posted: 21 February 2022

Vacancy in the Directorate of Technology, Engineering and Quality.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. We therefore welcome applications from all qualified candidates irrespective of gender, sexual orientation, ethnicity, beliefs, age, disability or other characteristics. Applications from women are encouraged.

This post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESTEC, Noordwijk, Netherlands

Description

Ground Segment Product Assurance and Safety Manager in the Product Assurance and Safety Department, Directorate of Technology, Engineering and Quality

Duties

After an initial period of training and familiarisation in the Product Assurance and Safety Department, you will be assigned as integrated support to the Directorate of Navigation and will report to the Head of the Galileo Ground Segment Product Assurance and Safety Unit with respect to the specific responsibilities and duties outlined below.

For the maintenance of professional standards, for the implementation of the ESA general Product Assurance and Safety (PA&S) policy and for contributions to corporate tasks (e.g. reviews, standardisation, alerts, lessons learned, etc.), you will report to the Head of the Product Assurance and Safety Department through the Head of the Navigation Product Assurance and Safety Office.

Specific responsibilities and duties include:

- Establishing and maintaining the particular project PA&S requirements baseline for the Galileo Ground Segments in compliance with the ESA general Product Assurance and Safety policy;
- Reviewing the contractor plans, specifications and effort proposed for execution of the project PA&S programme;
- Guiding and monitoring the implementation of PA&S requirements by contractors to assess performance/effectiveness;
- Participating in design reviews and directing the necessary preventive or corrective actions;
- Representing ESA on the Boards set up under the project to handle Non-conformances / Failure Reviews, Test Reviews, etc.;
- Ensuring implementation of the Software PA and Software Configuration Management Requirements baseline across the Galileo Ground Segments;
- Monitoring the integration and test activities by means of quality assurance audits,

mandatory and key inspection points, test witnessing and configuration inspections;

- Supporting definition of the formal acceptance requirements as well as the conduct of Acceptance Reviews of all assigned contractual deliverable items;
- Ensuring the preparation of design trade-offs, analyses and reports using RAMS data to support project decisions;
- Supporting security activities for the Galileo Ground segments as appropriate;
- Participating in periodic meetings with the parent organisational unit and contributing to the transfer of technical knowledge and lessons learned across the Agency.

In carrying out these tasks, you will receive support from experts from the Galileo project team and from the ESA Directorate of Technology, Engineering and Quality.

In addition to the Project responsibilities, you will, as necessary, support the NAV PA&S Office activities, including improvement initiatives and coordination meetings.

Technical competencies

Knowledge of Quality Management, Product Assurance and Safety disciplines

Experience in the management of Product Assurance for a large ground segment project

Good knowledge of software and RAMS engineering techniques

Experience in the implementation of SW development methodologies and tools, including Agile

Experience in the management and monitoring of industrial activities, including participation in audits and reviews.

Experience with Space Quality Standards and their preparation and implementation

Experience with the application of product assurance tools and methods

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A master's degree in engineering or technical sciences for this post is required.

Additional requirements

You should have a background in Ground/Space systems.

Experience in the area of security is an asset.

You must also be eligible for security clearance by your national security administration.

Other information

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.

The Agency may require applicants to undergo selection tests.

At the Agency we value diversity and we welcome people with disabilities. Whenever possible, we seek to accommodate individuals with disabilities by providing the necessary support at the workplace. The Human Resources Department can also provide assistance during the recruitment process. If you would like to discuss this further please contact us email contact.human.resources@esa.int.

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, Latvia, Lithuania and Slovenia.

According to the ESA Convention the recruitment of staff must take into account an adequate distribution of posts among nationals of the ESA Member States. When short-listing for an interview, priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.

(<https://esamultimedia.esa.int/docs/careers/NationalityTargets.pdf>)

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.

Recruitment will normally be at the first grade in the band (A2); however, if the candidate selected has little or no experience, the position may be filled at A1 level.