

Space Segment Product Assurance and Safety Manager

Job Req ID: 12182

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Vacancy Type: Permanent

Date Posted: 16 March 2021

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. For this purpose, we 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, The Netherlands

Description

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

Duties

You will be assigned as integrated support to the Directorate of Navigation and will report to the Head of the Galileo Space Segment Product Assurance and Safety Unit with respect to the specific responsibilities and duties outlined below.

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

Specific responsibilities and duties include:

- Contributing to establishing and maintaining the particular project PA&S requirements baseline for the Galileo Space Segment in compliance with the ESA general Product Assurance and Safety policy;
- Reviewing 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 in order to assess performance/effectiveness, participating in design reviews, and directing the necessary preventive or corrective actions;
- Guiding and monitoring the application and procurement of EEE parts, materials and processes and controlling the implementation of applicable requirements;
- Representing ESA on Boards established under the project to handle Non-conformances / Failure Reviews, Test Reviews, etc.;
- Contributing to implementation of the Software PA and Software configuration Management Requirements baseline across the Galileo Space Segment;
- Monitoring 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 and conduct of Acceptance Reviews of all assigned contractual deliverable items;
- Ensuring the preparation of design trade-offs, analysis and reports using RAMS data to support project decisions;
- Providing support for security activities for the Galileo space segment 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 in the Galileo project team and the ESA Directorate of Technology, Engineering & Quality.

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

Technical competencies

- Knowledge of Product Assurance, Safety and Quality Management disciplines
- Experience in the management and monitoring of industrial activities, including participation in reviews
- Experience with Space Quality Standards and their preparation and implementation
- Experience with the application of product assurance tools and methods
- Project support experience in a relevant domain

Behavioural competencies

- Result Orientation
- Operational Efficiency
- Fostering Cooperation
- Relationship Management
- Continuous Improvement
- Forward Thinking

Education

A Master's degree in engineering or technical sciences is required.

Additional requirements

You should have experience of managing Product Assurance for a large satellite project as well as good knowledge of software and RAMS engineering techniques.

A background in space systems, with experience in security, is an asset.

You also must 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 at 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 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.

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