

Galileo G1 Ground Segment AIV Principal Engineer

Job Req ID: 12871

Closing Date: 04 May 2022

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 06 April 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

Galileo G1 Ground Segment AIV Principal Engineer in the Commercial User Segment and Navigation Systems Validation Section, Radio Frequency Systems Division, Electrical Department, Directorate of Technology, Engineering and Quality.

You will be assigned as integrated support to the function of Galileo G1 Ground Segment AIV Principal Engineer in the Galileo G1 System Qualification Unit in the Galileo G1 System AIV and Deployment Service, Galileo First Generation Project Office, Galileo Programme Department, Directorate of Navigation. The assignment as integrated support has an initial duration of three years, with the possibility of extension or reassignment to another project within the parent Directorate of Technology, Engineering and Quality at the end of the period, taking into account your professional interest and project priorities.

Duties

You will report to the Head of the Galileo G1 System Qualification Unit and report functionally to the Head of the Galileo Ground Mission and Security Management Service. You will be in charge of preparing and executing the following activities:

- managing all the Galileo Ground Mission Segment (GMS) and Galileo Security Facility (GSF) Assembly, Integration and Validation (AIV) activities;
- managing the Qualification Reviews and ensuring timely delivery of the related data packages in close coordination with the System and OPS teams;
- representing GMS and GSF on the Anomaly and Non-conformance Review Boards (ARB, NRB) and following up the implementation of timely corrections; together with industry, reporting efficiently on AR and NCR status;
- interacting regularly with the GMS/GSF contractor to ensure smooth, efficient progress of the work;
- ensuring timely inputs to the GMS/GSF contractor, thus enabling ESA needs to be duly taken into consideration;

- supervising the definition, preparation and execution of GMS/GSF AIV activities in the segment factory and on the INT and VAL/OPE chains;
- coordinating GMS/GSF AIV activities with GSA and GSOp as needed for execution on VAL and OPE chains in the relevant ESA, GSA and GSOp CCBs and planning meetings;
- supporting preparation of the GMS and GSF qualification status by reviewing design changes and new developments or changes outside the system requirements and assessing their impact on GMS and GSF qualification;
- coordinating with all project disciplines, namely System, GCS, Space Segment, PA and Project Control, as required;
- monitoring applicable scientific and technological trends and maintaining state-of-the-art expertise;
- participating in periodic meetings with the parent Section and contributing to the transfer of technical knowledge and lessons learned across the Agency.

Your duties may also include providing support for other activities within your area of competence.

Technical competencies

Systems development, verification and review processes and standards

Management and monitoring of industrial activities (interfaces with industry, reviews, etc)

Knowledge and experience of ground segment

Knowledge on large scale system architecture including interfaces, networks and protocols

Deployment and testing of complex systems

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

A master's degree in physics, electrical or aerospace engineering or a related field for this post is required.

Additional requirements

- You should have at least 5 years' experience in verification, including the organisation of related test campaigns.
- You must also demonstrate good knowledge of the ground segment of space-based systems and their infrastructures. Proven experience in the verification of complex, not necessarily space-based, systems is considered an asset.
- You should be able to demonstrate that you can handle pressure and conflict as may typically occur in a project team.
- You should be results-oriented, able to set priorities, and capable of presenting practical solutions both verbally and in writing.
- You must be eligible for security clearance from the relevant national authority.

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, Slovenia and in addition of Member States of the European Union not members of ESA: Bulgaria, Croatia, Cyprus, Malta and Slovakia.

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 or balanced 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.

*Member States, Associate Members or Cooperating States.

[Apply now »](#)