

## Galileo G2A AIT/AIV Engineer

**Job Req ID:** 12967

**Closing Date:** 03 January 2022

**Publication:** Internal & External

**Vacancy Type:** Permanent

**Date Posted:** 29 November 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. 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 G2A AIT/AIV Engineer in the Ground Software Systems and Functional Verification Section, Software Systems Division, Systems Department, Directorate of Technology, Engineering and Quality.

You will be assigned as integrated support to the function of the Galileo G2A AIT/AIV Engineer, reporting to the Galileo G2SB1-A Satellite System and AIV manager in the G2A Space Segment Management Service, Space Segment Management Office, Galileo Programme Department, Directorate of Navigation.

### **Duties**

If appointed to this post, you will be responsible for monitoring Satellite AIT activities for the Galileo Second-Generation Satellites, during the integration phase, ground test campaigns and launch campaign.

Your main tasks and duties will include:

- monitoring the industrial activities relevant to satellite assembly, integration, testing, verification, and validation, to ensure they fulfil the G2SB1-A requirements;
- monitoring GSE (ground support equipment) industrial procurement activities, so as to ensure compliance with technical and programmatic requirements as defined in the contract;
- contributing to the definition of verification, qualification and acceptance programmes, including the implementation and monitoring of AIT/AIV activities for the G2SB1-A satellite system;
- coordinating support from other areas of the Space Segment project team, in particular during the satellite and system-level test campaigns (SRT, SCTC, environmental tests) at the different test sites;
- participating in Test Readiness Reviews (TRRs) and Post-Test Reviews (PTRs);
- contributing to the Satellite AIT-related NCR/NRB process in close cooperation with all other relevant project disciplines;

- participating in Agency project reviews and lower-level reviews in your area of competence;
- interfacing with the G2SB1-A Payload and Platform teams in relation to activities in your area of competence;
- ensuring proper implementation of the launch preparation activities by industry in accordance with the agreed launch operations plan;
- reporting on a regular and ad hoc basis to the G2SB1-A Satellite System and AIV Manager on all aspects of satellite AIT activities;
- participating in periodic meetings with the parent section, contributing to the transfer of technical knowledge and lessons learned across the Agency.

### **Technical competencies**

GSE (ground support equipment) systems

Electrical, functional and performance testing

Assembly and integration at satellite level

Environmental testing at satellite level

Test facilities

Launch campaigns

ESA space systems development, verification and review processes and PA standards

Experience in management and monitoring of industrial activities

### **Behavioural competencies**

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

### **Education**

A Master's degree in electrical engineering is required for this post.

### **Additional requirements**

You must be eligible to obtain an EU personal security clearance from your relevant national authority.

You should have several years of experience in satellite AIT, particularly in the electrical and functional AIT and EGSE domains.

Frequent travel to different AIT sites in Europe and to the CSG in French Guiana will be required during test and launch campaigns.

You should be able to demonstrate that you can work in a fast-paced environment and handle pressure as may typically be required when working 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 should have good interpersonal and communication skills. You should have the ability to work autonomously, effectively and cooperatively in a diverse, international team environment, defining and implementing solutions in line with team and individual objectives and project deadlines. You should also have good technical, analytical, organisational and reporting skills, a proactive attitude to solving problems and an interest in innovative technologies.

### **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](mailto:contact.human.resources@esa.int).

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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, Latvia, Lithuania and 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 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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