

Galileo G2A Satellite Payload Manager

Job Req ID: 14719

Closing Date: 24 February 2022

Publication: Internal & External

Vacancy Type: Permanent

Date Posted: 27 January 2022

Vacancy in the Directorate of Navigation.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. We therefore welcome applications from a 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

You will report to the Head of the Galileo G2A Space Segment Management Service in Space Segment Management Office, Galileo Programme Department, Directorate Navigation and will be responsible for the supervision of the payload design, development implementation and validation of one of the two sets of the Galileo Transition satellite including its ground test campaign, in-orbit commissioning and in-orbit follow-up phases.

Duties

You will be responsible for the following main duties:

- engineering activities relevant to payload design, development, validation, qualification and acceptance to ensure the satellite fulfils Agency requirements;
- consolidating and maintaining the payload subsystem and equipment requirements specification, design, development, test and verification;
- monitoring industrial work associated with payload and ground support equipment procurement, ensuring full compliance with technical and programmatic requirements;
- supporting the definition and execution of the satellite verification programme in your areas of responsibility, including implementation and monitoring of AIT/AIV activities payload subsystems and units;
- technical responsibility for design and procurement of satellite payload subsystems, including timing, navigation signals generation, radiofrequency dissemination, environmental data, search & rescue;
- ensuring all relevant necessary GTS industrial activities are performed and that the satellite design meets the navigation signal requirements and search & rescue requirements;
- contributing to management of system satellite budgets in your areas of responsibility and to ensuring that the satellite design complies with mission uplink interface requirements;

Working with the Galileo G2A Satellite System & AIV Manager to ensure timely delivery

- technical responsibility for satellite payload anomaly-handling, NRBs, NCR process, RFD/W, etc. in close cooperation with all other relevant disciplines;
- participating in Agency project reviews and as well as lower-level reviews in the relevant field of competence;
- leading, managing and motivating the G2A Payload Engineering team, including annual objectives setting, management, daily supervision, annual assessment and preparing input for and following up the team manpower and travel budget;
- coordinating work and resources allocation to ensure timely execution of relevant activities in coordination with the Galileo G2A Satellite System & AIV Manager and the Galileo G2A Satellite Platform Manager;
- supporting the G2A Satellite Verification and Space Segment Control Boards' processes in your areas of responsibility;
- identifying, leading and efficiently coordinating the specialised engineering support provided by the Directorates of Technical & Quality Management and Operations;
- regular and ad hoc reporting to the head of the G2A Space Segment Management Service on all aspects of satellite payloads development, proactive monitoring of relevant schedules, identifying risks and problem areas, proposing mitigation actions

In performing these duties, you will ensure:

- close cooperation with the head of the Galileo Space Segment Equipment Service Manager for all CFI-relevant aspects;
- liaison with the Galileo G2A Satellite System & AIV Manager and the Galileo G2A Satellite Platform Manager during execution of all satellite activities;
- close coordination with other G2A functions (PA, PMSO, Security, Contracts) and with other Galileo areas (System, Operations, other Segments) as appropriate to maximise efficiency in executing the project.

Technical competencies

Extensive experience in Payload Engineering and satellite operations

Extensive experience in managing/monitoring industrial work

Extensive knowledge of ESA Space system development and PA standards

Behavioural competencies

Result Orientation

Operational Efficiency

Fostering Cooperation

Relationship Management

Continuous Improvement

Forward Thinking

Education

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

Additional requirements

A minimum of ten years of experience in payload engineering is mandatory. A proven ability to lead and cooperate with industry is desired.

You should further have:

- potential to manage individuals or a team in a project setting;
- ability to organise activities and ensure a motivating work environment;
- strong leadership capabilities, with proven relationship management and

- strong problem-solving skills to deal with day-to-day operational challenges, together with demonstrated planning and organisational skills;
- strong results orientation with the ability to set priorities and present practical solutions both orally and in writing;
- ability to manage challenging situations proactively and constructively and to be customer focused;

People management experience is an asset, as is international experience, i.e. outside your home country, as well as experience in diverse functional areas relevant to ESA activities.

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 via 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. 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 a 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.