

Job Title: Galileo G2A Satellite Payload Manager

Req ID 10021 - Posted 04/08/2020



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Navigation.

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Post

Galileo G2A Satellite Payload Manager

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

Location

ESTEC, Noordwijk, The Netherlands

Description

Reporting to the Head of the Galileo G2A Space Segment Management Service in the Space Segment Management Office, Galileo Programme Department, Directorate of Navigation, you will be responsible for the supervision of the platform design, development, implementation and validation of one of the two sets of the Galileo Transition satellites, 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 on 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
- liaising with the Galileo G2A Satellite System & AIV Manager to ensure timely delivery of DIs (to allow preparation for in-orbit operations) as foreseen by the industrial activities included in the SoW, ensuring good coordination between the Payload Engineering Team and all other teams involved, ESA and external;
- 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;
- coordinating the Payload Engineering Team 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 ensure:

- close cooperation with the head of the Galileo Space Segment Equipment Management Unit 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

Problem Solving

Teamwork

Relationship Management

Integrity

Education

A Master's degree or equivalent qualification in electrical engineering is required

Additional requirements

A minimum of 10 years' experience in payload engineering is mandatory. A proven ability to work in a project team and to lead and cooperate with industry is desired.

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.

The closing date for applications is 15 September 2020.

If you require support with your application due to a disability, please 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 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. (<http://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.

Candidates shall be eligible for security clearance by their national security administration.