

# Job Title: Head of the Galileo First Generation System AIV and Deployment Service

Req ID 9662 - Posted 23/03/2020



## EUROPEAN SPACE AGENCY

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. Applications from women are encouraged.

### Post

Head of the Galileo First Generation System AIV and Deployment Service  
This post is classified A5 of the Coordinated Organisations' salary scale.

### Location

ESTEC, Noordwijk, The Netherlands

### Description

Under the direct authority of the Head of the Galileo First Generation Project Office, you are responsible for overall activities related to end-to-end integration, verification, qualification and deployment of the Galileo G1 System builds required for Full Operational Capability. You are the ESA System Qualification Authority for Galileo Service Operations.

### Duties

Your main duties are:

- fulfilling the role of Qualification Authority of Galileo G1 Project, in close cooperation with the Navigation Product Assurance & Safety Office, to ensure the System infrastructure complies with applicable mission/System requirements and is capable of sustaining its operational use during the overall lifetime;
- performing incremental qualification of the overall System infrastructure at segment and System levels until the full FOC configuration is achieved in accordance with the FOC roadmap;
- establishing an overall System Integration & Verification programme of work including ground segment IV, external service facilities IV, System functional/performance verification and validation test campaigns in the field using test user receivers (TUR);
- contributing to define the System tools required to support System qualification and validation activities (TUR, GALSEE), coordinating their deployment and use;
- monitoring qualification status by reviewing design changes, new development items or changes outside System requirements, assessing their impact on System qualification and on the FOC roadmap for service provision;
- maintaining qualification status during exploitation by following up anomalies and non-conformances;
- ensuring constant consolidation of System-level statements of compliance (SOC), providing fast and suitable reaction to any anomaly/non-compliance (including OPS anomalies) via workarounds or element fast-fixes;
- maintaining, in close cooperation with G1 PA Manager, the G1 Anomaly Correction Plan, agreeing with the Service Operator the corresponding workaround list;
- ensuring deployment and hand-over of the operational infrastructure to GSA, preparing and executing the deployment (migration) plan for each System build, agreeing it with the different stakeholders (segments, operator, GSA, EC, accreditors) maintaining G1 services;
- maintaining the System business continuity concept and status, providing quick reaction in cases where changes or anomalies affect continuity of service;
- managing the as-built System RAMS/FMECA analyses in close cooperation with the G1 PA Manager

- managing and operating the integration chain representative of the overall ground segment deployed at the Galileo Control Centre in Fucino to perform System IV activities;
- configuration management of the validation chain under ESA responsibility before hand-over to the Galileo Service Operator;
- defining the preOPE chain concept to facilitate migration of ground segment infrastructure to operations, ensuring its configuration management before hand-over;
- ensuring close follow-up of the OPE chain configuration and its qualification status after hand-over;

### **Technical competencies**

Knowledge and Experience in the following system engineering domains: assembly, integration testing/verification of complex space systems, operations management processes

Knowledge and Experience in Satellite navigation system and related security architectures

Knowledge and Experience in managing industrial costs and schedule aspects

Knowledge and Experience in complex project risk management

### **Leadership competencies**

Driving performance

Fostering cooperation & effective team-working

Developing & motivating people

Leading change

### **Behavioural competencies**

Problem Solving

Results Orientation

Planning & Organisation

Customer Focus

### **Education**

Master's degree or equivalent qualification in an engineering discipline.

### **Additional requirements**

You will also be required to:

- manage individuals or a team in a project setting;
- organise their activities and ensure a motivating work environment;
- have strong leadership capabilities, with proven relationship management and communication skills;
- interface with GSA Service Operations which is a 24/7 environment delivering navigation services to a billion users;
- drive your team's performance, developing people by encouraging learning, delegating
- responsibility and giving regular and constructive feedback;
- have strong problem-solving skills to deal with day-to-day operational challenges, together with
- demonstrated planning and organisational skills;
- have a strong results orientation, setting priorities and presenting practical solutions orally and in writing;
- manage challenging situations proactively and constructively and 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.

**The closing date for applications is 27 March 2020.**

If you require support with your application due to a disability, please 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, Canada and Slovenia and in addition of Member States of the European Union not members of ESA: Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta, Slovakia 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.

Candidates shall be in possession of security clearance by their national security administration.