

Job Title: Spacecraft Operations Engineer

Req ID 6461 - Posted 02/05/2018



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Operations.

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 Spacecraft Operations Engineer

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

Location
ESOC, Darmstadt, Germany

Description

Spacecraft Operations Engineer in the Sentinel 2 Spacecraft Operations Unit Earth Observation Missions Division, Mission Operations Department, Directorate of Operations.

The Earth Observation Missions Division is responsible for the design, implementation and operations of the flight operations ground segment and satellite mission operations for all ESA Earth observation satellites and for assigned Copernicus/Sentinels missions, typically from start of phase B through in-flight commissioning to routine mission operations until end of mission

Duties

The post-holder will be initially assigned to the Sentinel 2 Spacecraft Operations Unit, reporting to the Spacecraft Operations Manager (SOM) responsible.

Tasks include:

- assisting the SOM in the preparation and execution of operations including Launch and Early Orbit Phase (LEOP), Commissioning, Routine and Disposal phases, as applicable;
- assisting the SOM in the development, maintenance and validation of the Flight Operations Segment (FOS) including System Validation Tests (SVT) and Ground Segment Operational Validation (GSOV);
- analysing and reporting on spacecraft and ground segment performance;
- interfacing with the ESTEC project group, the ESRIN PDGS and Mission Management team, other external partners including agencies (DLR, CNES, Eumetsat, etc.) and industry for technical matters and reviews of spacecraft design, operations documentation and performance reports;
- interfacing with other ESOC Divisions for spacecraft operations matters;
- providing support to the SOM(s) in reviews and preparations for other EO Missions delegated to the Division (i.e. Earth Explorers and/or Copernicus/Sentinels);
- acting as deputy SOM as required.

Technical competencies

Experience in mission, spacecraft and/or payload operations

Experience in development and maintenance of ground infrastructure and/or software systems

General background and specific experience in the technical domains covered by the position

Knowledge and experience of ground segment, simulators and early operations (especially Launch and Early Orbit phase and in-orbit commissioning)

Behavioural Competencies

Communication
Teamwork
Customer Focus
Innovation & Creativity
Problem Solving
Planning & Organisation

Education

Applicants should have a Masters' degree or equivalent qualification in engineering or physics.

Additional requirements

Candidates should be system-minded, able to work as part of an interdisciplinary team, have high-level self-motivation, self-discipline, be highly independent in organising their work and results-oriented.

Some knowledge of the Copernicus Program and the Sentinels Missions is highly desirable.

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 30 May 2018.

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 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.