

Satellite Control Technician

Come join Calian's Satellite Operations team as we fly unique space missions that benefit Canadians and international partners. We conduct our operations in a pioneering yet sustainable fashion and are proud to have flown RADARSAT-1 more than triple its original design life. Our existing responsibilities consist of SCISat (18 years and counting), NEOSat (more than 9 years), RADARSAT-2 (more than 15 years) and recently the RADARSAT Constellation Mission (RCM). With decades of flight heritage and an exciting future of cutting-edge missions, you can join the Calian team that ensures great ideas translate to great results.

Calian is a Canadian-based, publicly traded company that prides itself in its international reputation for excellence and long-standing history of continual growth. This opportunity is with the Advanced Technologies division (formerly SED Systems). To learn more about who we are visit our website and explore the Advanced Technologies section – www.calian.com

Position:

The **Satellite Control Technicians** use ground computers to control the SCISAT-1, RADARSAT-2, NEOSAT and RCM satellites flying at an average altitude of 700 km and speed of 28,000 km/h. Members of this team play a critical role in the operation and maintenance of these satellites, as the Satellite Control Technicians are responsible for operating the telemetry, tracking and command ground systems, monitoring telemetry and transmitting commands, as well as supporting satellite anomaly identification and recovery.

Currently the team has 10 Satellite Control Technician that share the joint responsibility of being onsite to monitor the various space operations. The successful candidate will need to be able to work shift work (day, night, weekend) on a four days ON / four days OFF schedule.

Responsibilities:

- You will review operational documents including time-tag command tables and pass control procedures
- You will perform scheduled real-time satellite operations activities including:
 - Pre-Pass Readiness Tests (equipment configuration, command and data flow tests, etc.)
 - Pass (equipment operations, table uploads, telemetry verification, on-orbit telemetry and science data dumps, anomaly recoveries, etc.)
 - Post-Pass file transfer, equipment deconfiguration and event logging
 - On-orbit telemetry data playback
- You will verify for unexpected satellite state and limit violations

- You will use operational tools to generate satellite performance reports and orbit determination analysis

Qualifications:

- Diploma or degree in Computer Science, Electronics Engineering, or relevant field
- Available to work rotating shifts through weekends, days, and evening
- Ability to work under pressure in a fast-paced environment

Why Work for Calian Advanced Technologies?

- Opportunity to make an impact by building and supporting projects that millions of people depend on daily
- A team-oriented work environment that promotes learning, collaboration, and skill improvement
- Annual salary and performance reviews, with one-on-one sessions to support career development
- Robust company paid benefit with the option to participate in the employee stock purchase plan

The ability to meet the requirements outlined in the Canadian Controlled Goods Program is mandatory. All employees are required to apply for and receive a Government Secret Security Clearance.

The successful application will be required to work on site at our Saint-Hubert facility while adhering to all Federal, Provincial and company COVID-19 measures and guidelines.

Thank you for your interest in Calian!