

CORE VALUES: INTEGRITY, PROFESSIONALISM RESPECT FOR DIVERSITY

Telecommunications Technician - Satellite

Organizational setting and reporting relationships: This position is located in the **Telecommunications Technician -Satellite**, Communications and Information Technology
Incumbent reports to the Chief Communications Officer (CCO).

Accountabilities:

Within delegated authority, the Satellite Technician will be responsible for the following duties:

- Actions work orders assigned by the unit supervisor; coordinates implementation accordingly.
- Recommends equipment required; provides supervisor with specifications for procurement use.
- Programs, tests and pre-commissions new equipment in the workshops area prior to deployment.
- Coordinates with supervisor regarding installation of equipment and implementation of projects.
- Implements regular and preventative maintenance for all equipment and accessories in the unit.
- Assists coordination of factory calibration and repair of telecommunications test equipment.
- Contacts the communications assets management staff regarding the update of the inventory following UN property control procedures; prepares technical requisitions for the provision/return of equipment and spares utilised.
- Liaises with the rigging unit regarding installation of Satellite antennas and associated shelters.
- Coordinates with the construction unit the fabrication of the satellite concrete foundations.
- Assists in formulating comprehensive technical training curriculum for use within the unit. Satellite Duties: Installs, commissions, maintains and repairs C band and Ku band satellite systems comprising parabolic antennas of up to 9 meters, satellite modems, satellite transceivers, LNA, High Power Satellite Amplifiers (HPA and SSPA); video conferencing equipment, Inmarsat and other similar portable satellite terminals.
- Liaises with UN Headquarters and UN Logistic Base staff regarding initial installations; routine Satellite maintenance/repairs; system testing; circuit line up; implementation of remedial action required. Initiates Intelsat commissioning and verification tests required for all new satellite installations.
- Implements Satellite upgrades; frequency/transponder related changes; relocation of existing sites; modification; interfacing of multiplex, concentrators and video conference applications.
- Assists with satellite system testing/line up; satellite digital carrier schedules; satellite link performances; provision of point to point digital carriers.
- Plans and designs the initial mission Satellite system for final approval by the unit supervisor.
- Interfaces multiplexing equipment; the operation of E-1 applications; multi-layer LAN and WAN routers, switches bridges, concentrators; plus control, supervisory and test facilities.
- Programs, installs and maintains a range of Cisco equipment as utilised on the satellite network.
- Performs other duties as required.

Work implies frequent interaction with the following:

CITS/CCO, Telecommunications Technicians, Communications Engineers, Officers and Assistants throughout the mission.

Results expected:

Efficient processing of service requests and follow up and adequate supervision of services provided.

Core competencies:

Professionalism –

Hands-on technical training and problem-solving skills, good knowledge of relevant telecommunications policies, structure and strategy as it relates to area of assignment; ability to assess telecommunications needs. Complete understanding of satellite communications technologies including star and mesh topologies, DAMA and ip based systems.

Planning & Organizing –

Ability to perform with minimal supervision, and work under pressure of frequent and tight deadlines often in difficult and demanding conditions.

Commitment to Continuous Learning –

willingness to keep abreast of new developments in the telecommunications field.

Technological Awareness –

Technological background and experience satellite systems installation and maintenance.

Teamwork –

Excellent interpersonal skills and ability to establish and maintain effective working relations in a multi-cultural, multi-ethnic environment with sensitivity and respect for diversity.

Communications –

Good written and spoken communications skills, including the ability to convey technical concepts and recommendations to non-technical staff at all levels, both orally and in writing, in a clear and concise style.

Qualifications:

Education

Completion of secondary education and preferably technical educations; supplemental courses and training plus certification in electronic telecommunications. Practical training should include a wide range of telecommunications expertise including the use of advanced test equipment. A valid driver's licence is essential.

Work Experience

A minimum of 6 years experience in telecommunications at the national or international level in the public/private sector, specialising in the field of satellite communications working specifically installing, maintaining, troubleshooting and repairing satellite systems.

Languages

Fluency in spoken and written English or French; knowledge of a second official UN language is an advantage.

Other Skills