

TITLE: RF Spectrum/Communications Engineer I

REQUISITION ID: CN20171906-19496

LOCATION: Annapolis Junction, MD

JOB DESCRIPTION:

This position provides support to the Spectrum Planning Office (SPO) within the Defense Spectrum Organization (DSO) in the area of radio spectrum management and requires knowledge of satellite and terrestrial communications systems (including link budgets, electromagnetic propagation, general radio theory, basic orbital mechanics, database management, and development of complex communications algorithms), and knowledge of domestic regulations governing the use of the radio frequency spectrum and satellite orbits. The duties include:

- Work in a group that supports the DoD's participation in the 10-Year Plan to reallocate spectrum in accordance with the National Broadband Plan.
- Perform technical analyses and review of sharing studies performed by non-DoD entities.
- Run analyses to determine if AWS-3 systems in a specific geographical area using specified frequency blocks can be accepted in an area where coordination with the DoD is required.
- Work with software tools used to automate electromagnetic compatibility analyses, spectrum compression and sharing studies, or spectrum relocation studies.
- Collect, codify, and manage technical data from multiple sources.

REQUIRED EXPERIENCE:

- BSEE required and 0-2 years' experience (can be recent graduate).
- Experience with Satellite/Terrestrial Communications Engineering and/or experience working in a DoD environment is desired.
- Ability to run complex analysis tools, data management skills, and ability to work in a collaborative, team-based environment.
- Familiarity with the Microsoft Office Suite of products (Word, PowerPoint, Outlook, Excel).

SECURITY CLEARANCE:

This position requires the candidate to be able to obtain a SECRET level security clearance. In order to obtain a clearance you need to be a US Citizen and show proof of citizenship.

ABOUT THE ORGANIZATION:

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Job Profile Matching Criteria:

Expertise --Electrical

Education Bachelors (or equivalent work experience)

Job Type Full Time

Location USA-MD-Annapolis Junction