



Science Research Specialist II

Salary Grade: 16

Item Number: PHILSAB-SRAS2-16-2020

Division: Space Mission Control and Operations Division

Minimum Qualification Standards:

Education: Bachelor's degree relevant to the job

Experience: 1 year of relevant experience

Training: 4 hours of relevant training

Eligibility: Career Service (Professional) / Second Level Eligibility

Duties and Responsibilities:

- 1) Perform electrical periodic analysis and assessment on the performance of the ground stations in Quezon City and Davao as specified by the ground station maintenance manual;
- 2) Perform periodic measurements and/or testing on the ground station equipment (power amplifier, antenna rotator, antenna generator, power supply, etc.) in Quezon City and Davao as specified by the ground station maintenance manual;
- 3) Submit periodic reports and assessment of the Quezon City and Davao Ground station by performing ocular inspection/s inside and outside the radome and control center;
- 4) Oversee the operations (i.e., command, data download, housekeeping monitoring, anomaly recovery) of Diwata-2 and other satellites;
- 5) Assist in the conduct of Research & Development and other collaborative activities on ground stations;
- 6) Operate satellites with external parties that PhilSA has agreements with;
- 7) Report to the assigned supervisor and upper management all the accomplishments and progress on the assigned tasks;
- 8) Assist with administrative functions of the division such as, but not limited to, providing inputs to financial requirements, planning of activities, coordination with stakeholders among others;
- 9) Perform other duties of a regular or special nature as may be assigned from time to time.

Applicants who have all or any of the following background are encouraged to apply:

Educational Background:

- Graduate of Electronics Engineering or related fields
- Extensive knowledge in Radio Frequency (RF) communications and satellite operations and management

Experience:

- Minimum of one (1) year satellite operation experience
- Proven experience in Ground station maintenance
- Proven experience in writing maintenance documents related to corrective and preventive maintenance of ground stations.
- Ability to repair electronic equipment such as radios, amplifiers, and antenna controller.

Competencies:

- Demonstrated intermediate level of integrity, problem solving and decision making, planning and delivery, and managing information.
- Teamwork
- Good communication skills



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