

A: SCOPE OF RESPONSIBILITIES

- Conduct real-time operations of all in-orbit MEASAT satellites and associated TTC& R functions to ensure their health, safety and performance at all times
- Perform and support all key on-shift operational activities within and across departments to ensure safe and stable operations

B: REPRESENTATIVE ACTIVITIES

- Monitor satellite and earth station status to ensure the health, safety and performance of in-orbit satellites is maintained at all times
- Acknowledge and investigate all alarms such that no doubtful situations remain by seeking clarification and support from Shift Leader and Specialists
- Effectively operate Satellite Control and Ground System equipment to conduct telemetry monitoring, commanding, ranging and spacecraft reconfiguration as required
- Correctly identify and respond in a timely manner to satellite and earth station anomaly, contingency or emergency situations to ensure a safe and stable configuration
- Implement all activities specified in the authorised Daily Activity Plan to meet schedule requirements unless precluded by satellite or ground system equipment failure considerations
- Conduct all on-shift activities by conforming to published guidelines and Operational Procedures in meeting the overall business continuity needs
- Achieve Satellite Control Certification and maintain status by annual Procedures review and DSS sessions
- Assist with procedure modification and/or development and work flow enhancements as directed for increased operational efficiency
- Aid development of new Controllers by providing on-the-job and Certification training
- Ensure smooth inter-department workflow by proper and timely coordination with the engineering & operations areas as well as NMC; escalating promptly as needed
- Maintain general orderliness of the Satellite Operations Centre at all times to meet presentation state for visitors
- Support ad-hoc activities as and when required by Management

C: REQUIREMENTS (Education, Experience, Skills, Attributes / Behaviors, Others)

- Degree in Electrical/Electronics/Telecommunications Engineering from an accredited institution of higher education, or
- Professional grade qualification or equivalent with relevant major (electrical/electronics, telecommunications, computing, physics)
- Some communications, network operations or relevant industry exposure is preferred but not necessary
- Scripting skills such as Python language, an advantage
- Experience of, or suitability for, shift work
- Good analytical skills and systems oriented
- Possesses initiative, self-motivated and a keen learner

- Able to work independently and in a team
- Excellent communication and comprehension skills in English of technical nature