



ID: O4.4-528

Type: Oral

to improve Data Availability by the IMS Maintenance Unit

Thursday, 1 July 2021 14:35 (15 minutes)

Maintaining and improving data availability (DA) of certified IMS stations require the joint efforts of the states hosting International Monitoring System (IMS) stations, local operators and the PTS. Activities that are being undertaken in areas of maintenance, operations, engineering, development, logistics, recapitalization and training across the PTS directly impact the DA and sustainability of the IMS. This paper provides a summary of some key activities undertaken by the IMS Maintenance Unit to improve data availability. These include; equipment standardization, improved hands on technical training, HPGe detector vacuum restoration, improved sparing, improvements to power systems, grounding and lightning protection, infrastructure improvements and equipment upgrades, monitoring HPGe detector SoH and spectral data quality to perform predictive maintenance and improvements to the station environment.

Promotional text

Technical measures undertaken to improve data availability and sustainability of the IMS stations

Primary author: Mr MASCARENHAS, Nicholas (CTBTO Preparatory Commission, Vienna, Austria)

Presenter: Mr MASCARENHAS, Nicholas (CTBTO Preparatory Commission, Vienna, Austria)

Session Classification: T4.4 - Network Sustainability and systems engineering for CTBT Verification

Track Classification: Theme 4. Performance Evaluation and Optimization: T4.4 - Network Sustainability and systems engineering for CTBT Verification