ID: **O4.2-731** Type: **Oral**

and Resolution of Identified Issues at CTBTO Auxiliary Seismic Stations in Indonesia Based on Incidents Reported over the last five Years

Wednesday, 21 June 2023 17:15 (15 minutes)

In Indonesia, the CTBTO auxiliary seismic station network consists of one data center (NDC-BMKG) and six auxiliary seismic stations. Each station is in a different environmental condition and faces a unique set of troubleshooting challenges. According to the incident's history over the last five years, power and on-site communication issues were prevalent. The implemented troubleshooting is inadequate and it remains challenging because the issue persists/recurs. To achieve a long term solution, the station is required to be redesigned and existing equipment must be optimized while considering all existing constraints.

E-mail

desta1323@gmail.com

Promotional text

Optimizing station equipment and long term plans for station sustainability.

Oral preference format

in-person

Primary author: Mr KRISWIBOWO, Destiawan (PT. Mindotama Avia Teknik)

Co-author: Ms PARITHUSTA ASSEF, Rizkita (CTBTO Preparatory Commission)

Presenter: Mr KRISWIBOWO, Destiawan (PT. Mindotama Avia Teknik)

Session Classification: O4.2 Systems Engineering for International Monitoring System and On-Site Inspection

Track Classification: Theme 4. Sustainment of Networks, Performance Evaluation, and Optimization: T4.2 Systems Engineering for International Monitoring System and On-Site Inspection