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Calibration of IMS Seismic and T-phase Stations: challenges and solutions within the COVID-19 pandemic scenario.

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Station calibration activities at IMS Seismic and T-phase IMS Stations aim at fulfilling the requirements defined in the Operational Manual for Seismological and Hydroacoustic Monitoring and the International Exchange of Seismological and Hydroacoustic Data.

The 2020 Scheduled Calibration activities have been merged in the unprecedented scenario of the COVID-19 pandemic.

The PTS Calibration Team has adopted a high level of flexibility and adaptation during the pandemic, in order to assure the necessary support to Station Operators and achieve the successful completion of the Scheduled Calibration 2020. Examples of the encountered challenges and adopted solutions within the COVID-19 scenario will be provided.

The experience has paved the way for preparing a new level of readiness to perform Scheduled Calibration activities under very critical conditions.

Promotional text

Station Operators and the PTS faced new challenges for maintaining the operational standards, including scheduled calibrations, at IMS Stations during the COVID-19 pandemic. This Abstract provides an example of resilience of the CTBT monitoring regime.

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