The Influence of the CTBTO in the establishment of the Seismological Network of Namibia

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**Namibia - Part of the IMS**

**Key Facts**

- IS35 and AS067 stations……2003.
- Old geophysical observatory
- Full time, Chief Geotechnician as station operator and support staff

CTBTO Science & Technology Conference, Vienna, Austria 25.06.2015
Nortin P. Titus
CTBTO - Infrasound station

CTBTO Science & Technology Conference, Vienna, Austria 25.06.2015

Nortin P. Titus
The Geological Survey of Namibia is the National Institute for Earth Science and Mineral Resources. The Geological Survey’s mission is to enhance the knowledge and understanding of Namibia’s geological environment and resources.
The current building under 25 years old

Divisions
Regional Geoscience
Economic Geology
Geochemistry
Geophysics
GeoInformation
Environment & Engineering
A. Airborne Geophysics

B. Interpretation Geophysics

C. Seismology and Ground Geophysics
Seismological Network of Namibia

5500 km round trip
Operation and management of the network

- Closely follows the O&M plan used for the operations of the IS35 station

- Daily checks of data availability and quality
- Daily checks on network performance
- Every 6 months service and maintenance of the stations
- Daily data processing
- Daily data analyses and interpretation
- Busy developing regular bulletin for publication

Typical setup:
1. Sensor
2. Digitizer
3. Datalogger
4. Modem
5. Battery charger
System performance

Power supply intermittent

See poster: T1.5-P37, M. Sitali
The Road Ahead

- Namibia will continue to work closely with CTBTO
- Improve our capacity for verification analyses
- The seismological network provides an avenue for future geoscientist and students to get involved with matter of the CTBTO
In summary

- Namibia is very grateful to the CTBTO for its assistance in training and capacity building.
- We have a very small, but committed and highly motivated staff.
- We understand our challenges and see them as opportunities to be creative to realise our ambitions.
- Look forward to one day host a workshop at the Geological Survey and the Infrasound station.
Thank you

Dedicate this opportunity in memory of Mr. David G. Hutchins