

The WNRS of IS48TN Infrasound Station: Problems and Solutions

The Infrasound Station IS48, in Kesra, Tunisia is part of the verification regime for the Comprehensive Nuclear-Test-Ban Treaty. IS48 is managed and maintained by the Tunisian NDC. Its good location in the middle of the Mediterranean Sea allows to have various and interesting detections. Several signals with different signatures were recorded and identified, but since 2010, the station has began to be noisy due to a leakage in the pipe array, despite efforts to solve the issue through the pressure test and maintenance . To solve this issue, PTS decided to upgrade the WNRS at IS48TN in April 2017. In this poster, the performance of the IS48TN new design will be highlighted with respect to the older one.

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