



New Automatic NDC Software development And the use Wind Noise Reducing System

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Tunisian Infrasound Station (IS48) deployed at Kesra-Tunisia by the Comprehensive Nuclear Test Ban Treaty to monitor any Nuclear incident with the other IMS stations.

Upgrading works are currently ongoing at NDC-TN, aiming to enhance the station performance in terms of automatic signal detection and characterization in the routine processing using PMCC algorithm.

The work aims two topics :

First :The stages that can be identified in Tunisian NDC data processing, automated processing at the level of the global network and interactive review by analysts which leads us to develop our own Automatic Detection Software.

Second :The monitoring station performance by interpretation of the Wind Noise Reducing System which carried us to solve many problems encountered.