ID: Type: **Poster**

3.1-P33. Wind noise reduction systems in the International Monitoring System infrasound network

The objective of this poster is to present the efforts made by the Provisional Technical Secretariat (PTS) over the last four years to assess and improve the robustness and efficiency of Wind Noise Reduction Systems (WNRS) used within the IMS (International Monitoring System) infrasound network. This work includes modelling of the frequency response of the different types of WNRS. It also includes the investigation and testing of new materials / components to improve the robustness of the WNRS. Efforts were also made to better adapt WNRS to the environment through the design of flexible systems. Finally, WNRS design was also enhanced to reduce manufacturing, installation and maintenance costs, as well as to extend their life cycle.

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