

## **of IS24 upgrade : focus on calibration capabilities**

A major upgrade has been carried out during 2017 at French Polynesian infrasound station IS24. The station is operational from November 2017, and is planned to be re-validated in October 2019. The renewals and changes of hardware are described. Among those upgrade actions, the most significative one is the installation of 2 infrasound sensors at each element of the station. The new operational sensor (MB3) is connected to the wind noise reducing system. The former operational sensor (MB2000) is now installed has a reference sensor. This “two-sensor configuration” allows the computation of the frequency response of the operational element including the WNRS. In addition, the MB3 response can be checked using its built-in calibration capability. After one year of station operation, a description of calibration techniques and associated results are presented.

**Primary author:** NIEF, Guillaume (CEA/CENTRE Ile-de-France)

**Presenter:** NIEF, Guillaume (CEA/CENTRE Ile-de-France)

**Track Classification:** Poster session