

of station IS41.

The station IS41 is located in Paraguay, in the middle of South America. It is composed by 4 elements and was certified in December 2003. The environment features stand out for the frequent occurrences of electric storms, high temperatures, copious rains and sometimes the access to the log elements becomes very complicated. It is presented the most common and recurrent problems of the station verified along 15 years, and this experience was reflected in an upgrade carried out around middle year 2018. In the frame of these instrumental modifications, was included the improvement of power system, grounding system, data acquisition system, wind noise reduction system and instrument vaults. It is also presented the project of the enlargement of the station to 8 elements, with a proposal of new emplacement and access to the sites.

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