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of a tool for recording and consulting the most frequent problems in a station

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This study proposes the development and implementation of a tool for recording and consulting the problems that occur at the station. The application to be implemented internally in the station, which can be mobile, would record the incident and once the event has been added, a group of contacts would be notified about the problem that occurred and its solution. In turn, the application would allow the query of previous similar events in order to apply a similar solution, reducing maintenance time. This knowledge base must be able to store multimedia files, such as images and videos, in order to facilitate maintenance. These multimedia files will be used to implement augmented reality technology, further facilitating the access and location of the station components. The application will have an external navigation mode that allows the location of the infrasound sensors and the distance between all its components and an internal navigation mode, virtual tour type, dynamically optimizing the location of parts or modules of any type of station, which seeks to perform a more efficient maintenance of station components.

Promotional text

The station staff changes each 1 or 2 years, which causes difficulty in the transmission of knowledge and loss of traceability about the problems that the equipment has had and how to solve them.

Primary authors: Mr VILLACIS, Fernando (Instituto Oceanográfico y Antártico de la Armada del Ecuador, Ecuador); SUAREZ, Sergio (Instituto Oceanográfico y Antártico de la Armada del Ecuador, Ecuador); ROBALINO PONCE, Cesar (Instituto Oceanográfico y Antártico de la Armada del Ecuador, Ecuador)

Presenters: Mr VILLACIS, Fernando (Instituto Oceanográfico y Antártico de la Armada del Ecuador, Ecuador); SUAREZ, Sergio (Instituto Oceanográfico y Antártico de la Armada del Ecuador, Ecuador); ROBALINO PONCE, Cesar (Instituto Oceanográfico y Antártico de la Armada del Ecuador, Ecuador)

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