

Moblas 8 Return to Operations

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Abstract

The MOBBLAS 8 station located on the island of Tahiti has been operational at that location since 1997. Recently, in 2007, the station suffered from multiple failures of components and subsystems. Due to the changeover of station personnel and the removal of HTSI from the island to help with the operations and maintenance in 2004, the multiple failures of the system caused the MOBBLAS 8 system to be inoperable in March 2007. Working closely with NASA, CNES, and UFP, HTSI developed a training plan for the station manager from the Moblas 8 site as well as the TLRS-3 station manager from Arequipa, Peru. Following the training back at NASA's Goddard Space Flight Center (GSFC) in Greenbelt, Maryland, the MOBBLAS 8 Station Manager worked with HTSI personnel to repair subsystems and components at GSFC. Later, two HTSI engineers traveled to the MOBBLAS 8 station to work with the Station Manager and the UFP and CNES crew to complete the system and site repairs, resulting in the restart of operations at this critical site in the South Pacific. This paper chronicles the work that was planned and executed along with the benefits to the NASA, UFP, CNES and the ILRS with the repairs and efforts to return the station to operations.