

Actually the IEN TW station is completely automated and also the INTELSAT approval of the IEN VSAT antenna has been performed in May 2000; only the line-up is still missing because the station had a failure. Since the beginning of November the station is again operative but with some anomalies.

The IEN has also obtained the necessary authorization to operate the VSAT station from the Italian Ministry of Telecommunications.

In 2001 we are planning to buy a new VSAT station and a SATRE modem to have the possibility to upgrade the performances of the TW method. At the same time we plan to include in the IEN time scale generation a Hydrogen Maser.

Here below are shown the preliminary results that we obtained, from November 1999 to May 2000, during the setting up and the test operations of the IEN TW station, thanks to the collaboration of TUG before they stopped their TW activity.

