



BroadSat, Customer Care

Telemann SkyMedia-200 card used with OPENSKYä Services Configuration Guide

24/06/2002

SECTIONS

- I- Driver Installation
- II- Driver Configuration

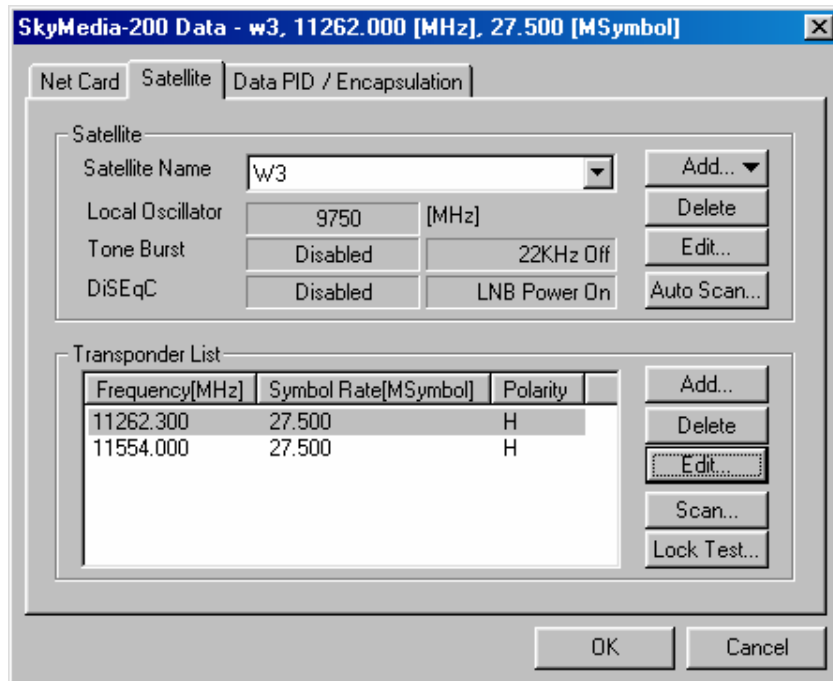
I – Driver Installation

The last drivers can be found at <http://www.telemann.com>. In this guide, the version 2.10 has been used.

II – Driver Configuration

When the driver is installed, it is necessary to configure the satellite settings using the utility **SkyMedia-200 Data** that can be found in Start → Programs → **SkyMedia-200**.

The SkyMedia sc200 card has a certain number of satellites which are set by default. If the wished satellite is not present in that list, it is necessary to insert it.



(Fig. 1)

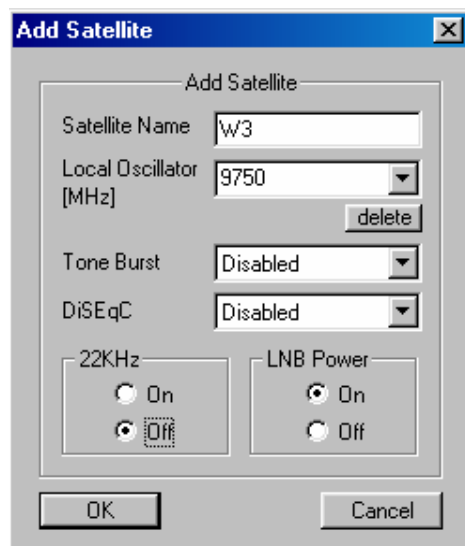
First of all, please open the *Satellite* menu and press the *Add* button in the *Satellite* panel (fig. 1). A new named *Edit Satellite* window appears, where it is possible to add the satellite settings (fig. 2):

Satellite Name: the identifying name of the satellite to be added (i. e. “7° East” for Eutelsat satellite W3 at 7° East).

Local Oscillator: the oscillator frequency depends on each installation. Most installations have a Universal LNB (this value can be chosen in the combo box), the low frequency of which is 9.750 GHz (97500 MHz).

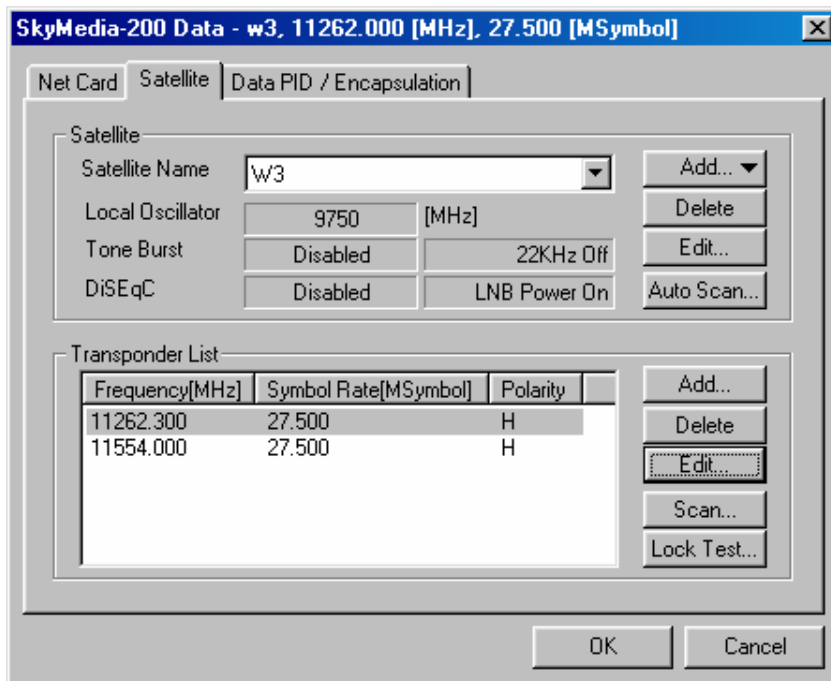
ToneBurst/Diseq/22kHz: these values must be set only in case of a dual feed LNB. The settings depend on each installation.

LNB Power: it depends on the installation. The default value for most installations is *On*.



(Fig. 2)

After the satellite settings, add transponder frequencies by pressing the *Add* button on the *Transponder List* panel (Fig. 3).



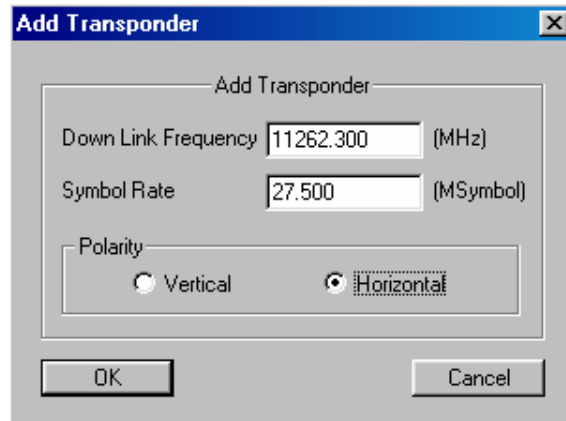
(Fig. 3)

A new named *Add Transponder* panel will appear (Fig. 4). For Eutelsat satellite W3 at 7° East the values to set are:

Down link Frequency: transponder frequency in Mhz **11262.300** (and not 11.2623).

Symbol Rate: value express in MSymbol **27.500** (and not 27500).

Polarity: Horizontal



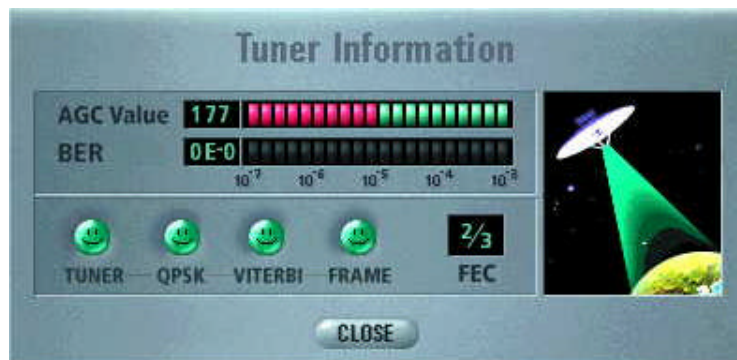
(Fig. 4)

With this card the FEC value is automatically selected.

After setting the transponder frequencies, it is necessary to find the PIDs out and add them.

In order to control if the signal from the satellite is correctly received or not, it is possible to press the *Lock Test* button from the *Satellite* page (in the *Transponder List* panel).

A window will appear describing the signal status: if the four smiles are green, it is possible to proceed with the configuration (fig. 5).



(Fig. 5)

From the main *Satellite* menu it is now necessary to press the *Scan* button and a research window will appear (Fig. 6).

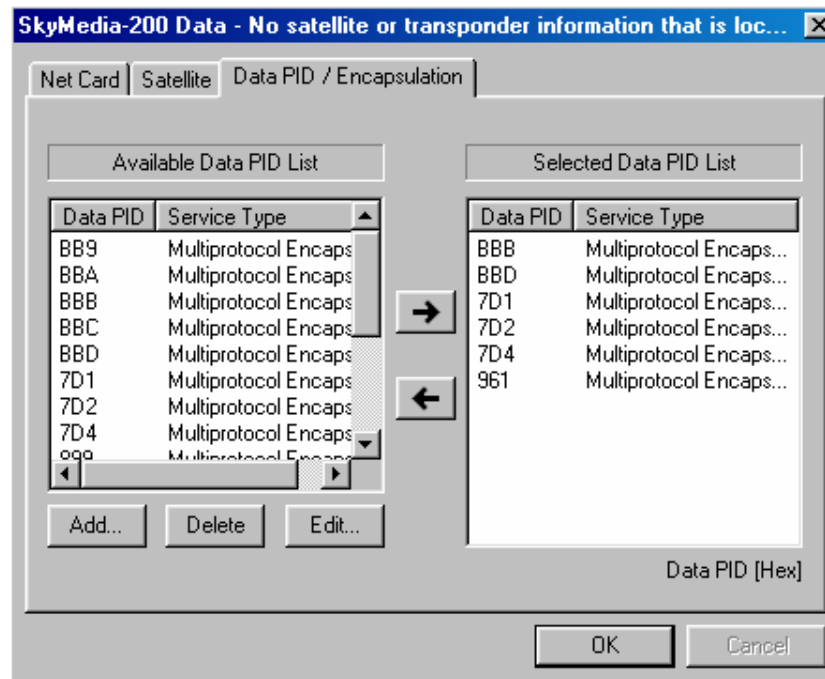


(Fig. 6)

After all these operations, it is possible to choose the available PIDs in the *Data PID / Encapsulation* (fig. 7) page and access the OPENSKY™ services. This tool shows the PID value in a Hexadecimal mode.

The PIDs to be chosen are:

	Decimal	Hexadecimal
<i>Unicast</i>	3010, 3011, 3012, 3013 ¹	BC2, BC3, BC4, BC5
<i>Broadcast</i>	2401	961
<i>Multicast</i>	2001, 2004	7D1, 7D4



(Fig. 7)

¹ PID assigned by Eutelsat at the registration in order to access the Unicast services.