Setting a Jeti Receiver to use in clone satellite mode

If you wish use a RSAT2 or indeed any Jeti receiver in Clone mode as a satellite to get better aerial cover and want to set up the alarm on loss of the signal from the RSAT2 , it is necessary to adjust several parameters in both the Jeti transmitter and the receiver.
Let´s assume that your Jeti transmitter software firmware is at least 3.02 and the receiver version is at least 3.23.

To start make sure you build your new model as normal in the transmitter then bind and set up you chosen main Receiver as normal, using default transmission mode, and make sure that using Device Explorer you also set SAT/SAT 1 to receive "PPM input" on the main receiver, then power down the receiver.

For the next step you can use either a Jetibox or a DC-DS 16/14 using Device Explorer and or the Internal Jetibox

To set the RSAT 2 into clone mode

- Start with the RSAT receiver in default settings
- Bind the satellite receiver with the transmitter (I normally use a 'TEST' memory for this step, not the required model memory)
- Using Device Explorer from your Jeti radio adjust the RSAT2 receiver to PPM positive out, its "Fail-Safe" setting must be set to off for correct function, also set the number of channels required (I normally set 16)
- Now either using a Jetibox or with the receiver connected, on the Jeti radio go to Menu-Applications-Jetibox and select by using the arrows, click right to go to the 'RX', then use the down arrow to 'measure or setting' then right arrow to 'Main setting' now seven clicks down to 'Normal' then hold the left arrow until the screen changes to 'Clone' press the 'Ok' button and 'esc' to main screen
- In the transmitter menu scroll to Timers/Sensors then select 'Alarms' here click on the Morse Code Alarms link and activate these alarms in the menu that appears.
- It is necessary to check that 'S' alarm code is enabled and also an audio file is assigned to it – in default setting „WEAK_SIGN.WAV".
- To check the functionality power up your radio and connect your main receiver power– connect the satellite to Sat/Sat1 pin of the main receiver. If you disconnect the satellite now, the loss of the signal will be indicated by a sound alarm and voice saying "warning weak signal'.

To get the RSAT2 out of Clone mode you have to use a Jetibox as the DC-DS will now not recognise it as a receiver and will only us it as a satellite for the main receiver, or you can re-flash the receiver with the latest firmware version which will put the receiver back to default mode