
SATELLITE SWITCH - REMINDER

MARCH 31st IS COMING SOON, SO TAKE ACTION NOW!

As was announced in our newsletters and on our website previously, in order to allow for expansion of our reference station network, OmniSTAR will switch satellite beams in Europe, North Africa and a number of countries in the Middle East. This means that all OmniSTAR capable receivers will have to be set to a new frequency and baud rate in order to be able to receive our broadcast.



Automatic Satellite Selection

Where this had to be done manually in the past, many newer receivers now feature Automatic Satellite Selection. The OmniSTAR satellite broadcast contains information that allows an OmniSTAR capable receiver to select the appropriate satellite broadcast for the region it is operating in. For this to work however, the feature should be 'activated' / 'enabled'. All Trimble and Novatel receivers (with OmniSTAR firmware version 3.20 or later) have the 'Auto Switch Mode' feature implemented. Please make sure it is 'activated' / 'enabled'.

Europe / North Africa Satellite Switch

In Europe and North Africa our current EASAT broadcast will be replaced by the AFSAT broadcast as from the 31st of March 2009. All European reference stations have been added to AFSAT. AFSAT has been fully operational, including the European stations, since January 1st 2009. Therefore, if you are currently using our EASAT broadcast your receiver needs to be retuned to our AFSAT broadcast. Please note that for the transition of EASAT to AFSAT VBS2 firmware is required.

There are two ways to achieve this:

- If your receiver is capable of Automatic Satellite Selection, please activate this feature in the receiver. If activated, no further manual action is required. The receiver will automatically switch to the new satellite broadcast.
- If your receiver does not support Automatic Satellite Selection, please change the following settings:

Satellite name: **AFSAT**

Satellite frequency: **1535.080** MHz

Baud rate: **1200** baud or Symbol rate: **12438**

If you are working in Lebanon, Israel, Jordan, Turkey, Georgia, Azerbaijan or Armenia it is advised to switch to our IORH broadcast.

In Lebanon, Israel, Jordan, Turkey, Georgia, Azerbaijan and Armenia our current EASAT broadcast will be replaced by the IORH broadcast as from the 31st of March 2009. All reference stations in that region have been added to IORH. IORH has been fully operational since January 1st 2009. Therefore, if you are currently using our EASAT broadcast your receiver needs to be retuned to our IORH broadcast.

There are two ways to achieve this:

- If your receiver is capable of Automatic Satellite Selection, please activate this feature in the receiver. If activated, no further manual action is required. The receiver will automatically switch to the new satellite broadcast.

- If your receiver does not support Automatic Satellite Selection, please change the following settings:

Satellite name: **IORH**

Satellite frequency: **1535.1575** MHz

Baud rate: **600** baud

As the termination of our EASAT broadcast is scheduled for the end of March 2009, we would like to ask all current users to prepare for the necessary switching.

For a detailed description of how to change the frequency and baud rate for a specific type of receiver, please visit [our website](#).

We will help you to the best of our ability to minimize the inconvenience that may be caused by the above. Therefore, if you have any questions, don't hesitate to contact our helpdesk either by phone (+31 70 3170913) or by email (support@omnistar.nl).

For an overview of current reference stations see www.surveyplanner.com

AF-SAT



IORH



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