

## Support Notification

Dear Customer,

Due to spectrum re-arrangements, the Fugro Marinestar services are updating the frequency and name of their delivery beams. This will impact the service in the following ways:

### 1) EMSAT will replace ESAT – L-band frequency shift

EMSAT will be on the air starting September 15<sup>th</sup> and the ESAT beam will stop emitting Marinestar corrections on October 27<sup>th</sup>.

### 2) OCSAT will replace AUSAT – L-band frequency shift

OCSAT will be on the air starting October 4<sup>th</sup> and the AUSAT beam will stop emitting Marinestar corrections on November 15<sup>th</sup>.

### 3) IOSAT will replace IOR – L-band frequency shift

IOSAT will be on the air starting November 1<sup>st</sup> and the IOR beam will stop emitting Marinestar corrections on December 13<sup>th</sup>.

### 4) Summary and user interaction required

In summary, the following frequency changes and beam table updates will affect Septentrio users with *AsteRx-U Marine FG* and *AsteRx4 FG* units.

Beam ID	(old) Beam Frequency	Turn off date (old frequency)	New Beam ID	(new) Beam Frequency	Turn on date (new frequency)
ESAT	1539.9125 MHz	27/10/2021	EMSAT	1545.9275 MHz	15/09/2021
AUSAT	1539.9625 MHz	15/11/2021	OCSAT	1545.8750 MHz	04/10/2021
IOR	1539.9325 MHz	13/12/2021	IOSAT	1545.8075 MHz	01/11/2021

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## FUGRO Global Beams and Reference Sites

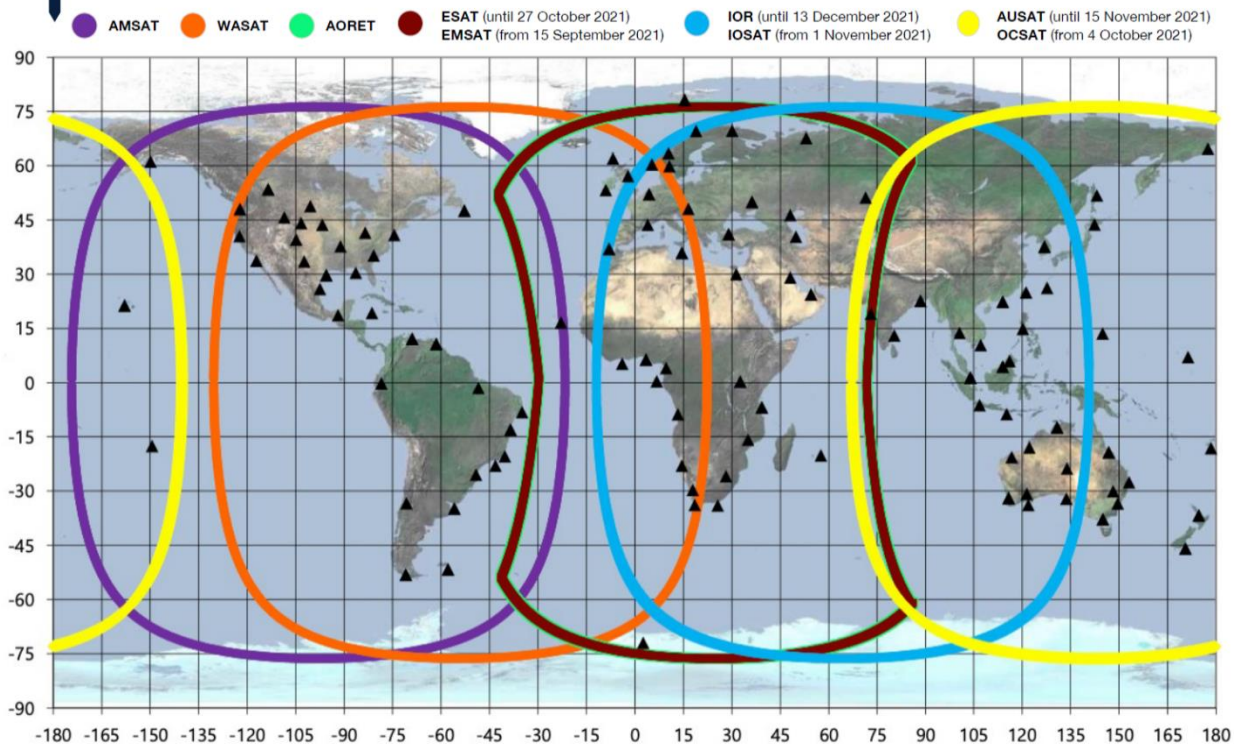


Figure 1: Fugro Global Beams and Reference Sites (source: [Fugro](#))

A new firmware update (4.10.3) will be made available for AsteRx4 Fg and AsteRx-U Marine Fg receivers in the [Support Resources section](#) of our website soon.

Receivers will need to be updated to firmware version 4.10.3 as soon as possible in order to guarantee continuous operation.

For more information, please contact your Septentrio Sales/technical representative.

Best Regards,  
Septentrio Support

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