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EGNOS SERVICE NOTICE

Number: 015 **Revision: 1.2**

To: All EGNOS Users
Date: 14/03/2017
Subject: **EGNOS Space Segment Update**

This Service Notice informs EGNOS users that

- On 20th March 2017, the GEO satellite ASTRA-5B (PRN 123) will become part of the EGNOS operational platform broadcasting the operational Signal-In-Space (SIS).
- On 21st March 2017, the GEO satellite SES-5 (PRN 136) will become part of the EGNOS TEST Platform broadcasting the TEST SIS.

During a period of approximately eighteen hours, from the entry into the operational platform of ASTRA-5B (PRN 123) on 20th March 2017 (around 16h CET) until the entry in the TEST platform of SES-5 (PRN136) on 21st March 2017 (around 10h CET), there will be three operational EGNOS GEO satellites in the operational platform.

From 21st March 2017 onwards, the EGNOS satellite mask (broadcast in message Type 1) will include the final EGNOS space segment configuration in both operational GEO satellites (PRN 123 and PRN 120)

Therefore, the EGNOS GEO space segment will evolve as follows:

EGNOS GEO Name	PRN Number	Orbital Slot	Status **BEFORE** 20th March 2017 (16h CET)	Status **ON** 20th March 2017 (16h CET)	Status **FROM** 21st March 2017 (10h CET)
ASTRA SES-5	PRN 136	5 E	**Operational**	**Operational**	**Test**
INMARSAT 3F2 AOR-E	PRN 120	15.5 W	**Operational**	**Operational**	**Operational**
Astra-5B	PRN 123	31.5 E	**Test**	**Operational**	**Operational**
INMARSAT 4F2 EMEA	PRN 126	64 E	**Test**	**Test**	**Test**

The footprint of each of the two EGNOS GEO satellites (PRN 120 and PRN 123) in the operational platform from 21st March 2017 onwards is the following:

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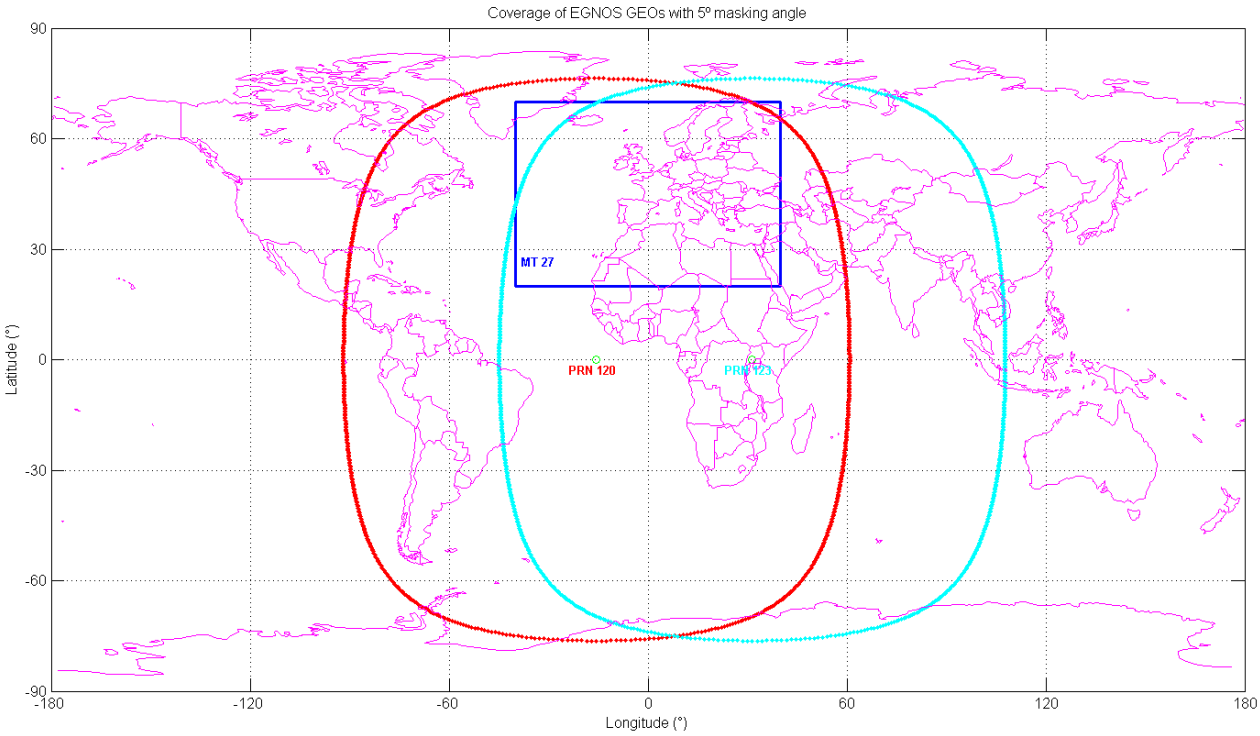

It should be noted that in Q4 2017 a new change in the EGNOS GEO space segment will take place with the aim of re-introducing the SES-5 (PRN136) into the EGNOS operational platform replacing satellite INMARSAT 3F2 AOR-E (PRN120). The corresponding Service Notice will be published in advance to keep EGNOS users properly informed.

It is important to remark that these changes in the EGNOS GEO space segment are performed in a seamless manner without any interruption of the service from an EGNOS user point of view and without compromising at any moment the EGNOS performances. In particular the EGNOS SoL service integrity remaining safe at all times and locations within the EGNOS coverage area.

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After the finalisation of the EGNOS GEO space segment changes on 21st March 2017, for those EGNOS OS users equipped with non (E)TSO certified SBAS receivers it is recommended to reassess[1] the equipment configuration in order to ensure that both operational EGNOS GEO satellites (PRN 120 and PRN 123) are used.

More detailed information on EGNOS system status and performances can be found at the EGNOS User Support website https://egnos-user-support.essp-sas.eu.

Users can subscribe to notifications about planned GEO outages and configuration changes and to real-time notifications of unplanned GEO SIS outages and recoveries in the EGNOS User Support website (https://egnos-user-support.essp-sas.eu)

CONTACT US

Should you have any question related to this Service Notice or EGNOS, please, contact egnos-helpdesk@essp-sas.eu or +34 911 236 555 (H24/7)

For more information about EGNOS, please, visit the EGNOS User Support website at https://egnos-user-support.essp-sas.eu

[1] In order to do so and depending on the receiver type, users can check the receiver manuals or may need to contact the receiver manufacturer or product/service dealer. In case of doubts or difficulties users can contact the EGNOS Helpdesk (egnos-helpdesk@essp-sas.eu)