



EGNOS SERVICE NOTICE

Number: 011

Revision: 1.0

To: All EGNOS users

Date: 30/05/2014

Subject: EGNOS GEO PRN 124 Decommissioning and Space Segment Update

As described in the EGNOS Open Service (OS), Safety-Of-Life (SoL) and EGNOS Data Access Service (EDAS) Service Definition Documents (SDDs) (http://www.essp-sas.eu/service_definition_documents), the EGNOS space segment comprises 3 geostationary (GEO) satellites broadcasting corrections and integrity information in the L1 frequency band (1,575.42MHz).

GEO Name	PRN Number	Orbital Slot
INMARSAT 3F2 AOR-E	PRN 120	15.5 W
INMARSAT 4F2 EMEA	PRN 126	25.0 E
ARTEMIS	PRN 124	21.5 E

EGNOS GEO satellites INMARSAT 3F2 AOR-E (PRN 120) and 4F2 EMEA (PRN 126) are currently part of the EGNOS operational platform and are transmitting the operational Signal-In-Space (SIS) to be used by EGNOS users.

This Service Notice #11 informs that, as of January 2014, the ARTEMIS satellite (PRN 124) has ceased to broadcast EGNOS SIS and has been totally removed from the EGNOS system.

New SES ASTRA GEO satellites (ASTRA-4B and ASTRA-5B) in L1/L5 frequencies will be replacing the current INMARSAT GEO satellites (3F2 and 4F2) as EGNOS operational GEO satellites in the course of 2015 and 2016 once qualified. On the date of publication of this Service Notice, the ASTRA-4B (PRN 136) is already part of the EGNOS TEST Platform broadcasting the TEST SIS.

The deployment of the two new EGNOS GEO satellites will be performed in such a way that there will always be at least two operational EGNOS GEOs available.

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The PRN number and orbital slots of the new SES ASTRA GEO satellites are:

GEO Name	PRN Number	Orbital Slot	Replacing ...
Astra-4B	PRN 136	5 E	INMARSAT 3F2 AOR-E
Astra-5B	PRN 123	31.5 E	INMARSAT 4F2 EMEA

More information about the EGNOS space segment updates will be published in future Service Notices, in the overall Service Implementation Roadmaps or as part of other ESSP communication means.

CONTACT US

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

For more information about EGNOS Service Provision, please, visit ESSP website at www.essp-sas.eu and user support website at <http://egnos-user-support.essp-sas.eu>