

EGNOS SERVICE NOTICE

Number: 019

Version: 1.0

To: EGNOS SoL En-Route to NPA Users.
Date: 31/08/2018
Subject: **Single GEO coverage in North-West corner of EGNOS service area**

This Service Notice informs EGNOS SoL En-route to NPA users that the North-West corner of the EGNOS service area (the pink area in Figure 1) is covered by a single EGNOS geostationary satellite (GEO): SES-5 with PRN 136, since 30 August 2018.

Only Safety-of-Life (SoL) En-route to NPA users are concerned by this Service Notice. The entire SoL APV-1 and LPV200 service areas are covered by two GEOs.

The EGNOS SoL service integrity remains unaffected at all times and locations within the EGNOS coverage area.

The footprint of each of the two current EGNOS GEO satellites (SES-5 with PRN 136 and Astra 5B with PRN 123) using a mask angle of 5 degrees can be seen in Figure 1:

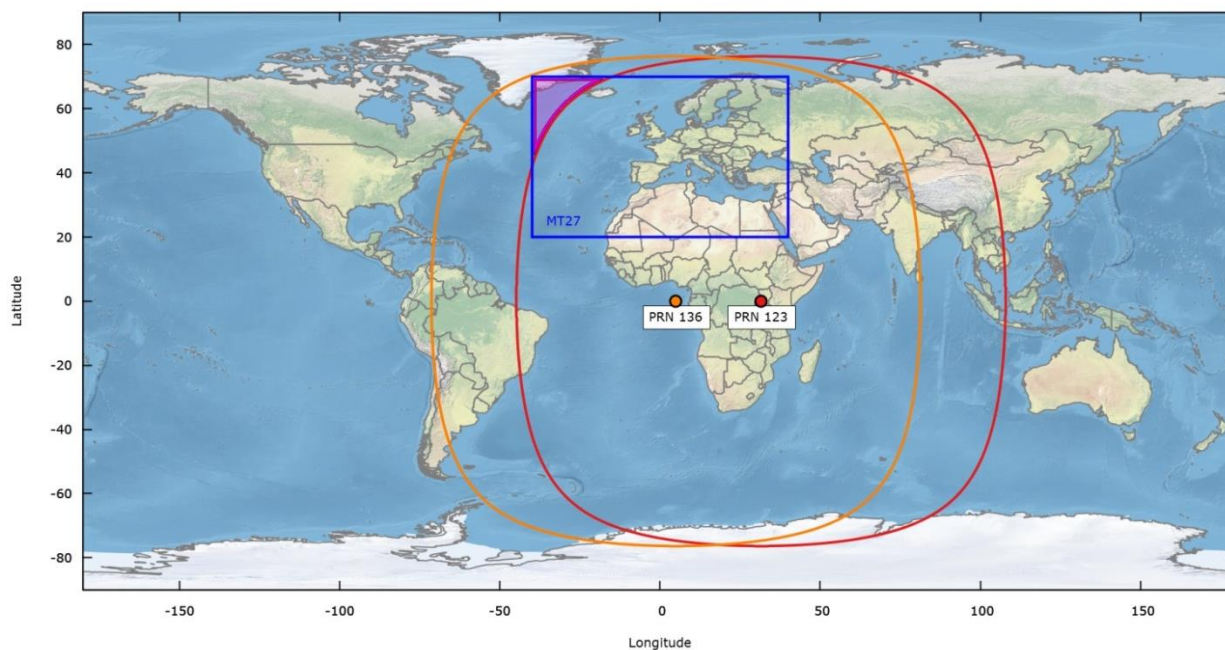


Figure 1. Coverage of EGNOS GEOs with 5° masking angle



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According to the above GEO coverage, depending on masking angle receiver configuration, “En-Route to NPA” users in the North-West corner of the EGNOS service area could experience periods of EGNOS unavailability during SES-5 (PRN136) outages. Nevertheless, the navigation should not be affected as MOPS compliant receivers should always automatically switch to GPS RAIM during those interruptions, ensuring the “En-Route to NPA” service when EGNOS is not available.

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 \(H24/7\)](tel:+34911236555)

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

