

# EGNOS SERVICE NOTICE

**Number: 008**

**Revision: 1.0**

**To:** EGNOS users

**Date:** 08.11.2013

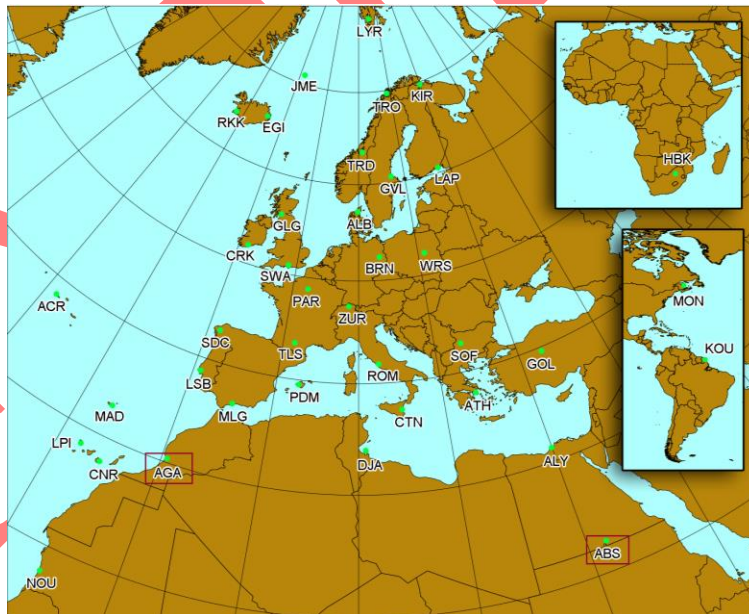
**Subject:** EGNOS System Release v2.3.2 deployment

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This Service Notice informs EGNOS users of the entry into service of EGNOS System Release (ESR) v2.3.2. From an EGNOS user point of view, deployment started on October 28<sup>th</sup>, 2013 with the first ESR v2.3.2 SiS broadcasting and it ended on November 7<sup>th</sup>, 2013 with the deployment of Agadir RIMS site.

The summary of the highlights of this ESR is:

- Two new RIMS have been deployed improving the performances and increasing the robustness and wider APV-1 availability coverage for users in the South area: RIMS Agadir (Morocco) and Abu Simbel (Egypt)<sup>1</sup>. Mentioned improvement can be checked into the EGNOS user support website [http://egnos-user-support.essp-sas.eu/egnos\\_ops/service\\_performances/global/availability](http://egnos-user-support.essp-sas.eu/egnos_ops/service_performances/global/availability)).



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<sup>1</sup> RIMS Abu Simbel will be operational from 05.11.2013. RIMS Agadir will be operational from 07.11.2013.

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Figure 1 – EGNOS Reference Stations (*2 new Reference Stations highlighted with a frame*)

- Improvements in the EGNOS algorithms enhancing ionospheric monitoring and increasing the robustness of EGNOS to some specific Ionosphere events.
- Increase of the robustness of EGNOS to some specific GPS events (e.g. robustness to wrong GPS ephemeris).
- EGNOS PRN mask has been modified to include one additional satellite, SVN66/PRN27 (GPS IIF #4). This new satellite will increase service availability over the border coverage areas, mainly the southern area.
- Additional improvements on some system elements providing additional robustness and reliability, mainly, thanks to the solution of obsolescence for several EGNOS elements (e.g. TWAN, RIMS A caesium clock...)

EGNOS Safety of Life Service Definition Document (SDD) v2.0 and EGNOS Open Service SDD v2.0 remain as applicable ([http://www.essp-sas.eu/service\\_definition\\_documents](http://www.essp-sas.eu/service_definition_documents)) and notifications will be provided in case these documents are upgraded in the coming months.

For additional information, it is recommended to check the EGNOS user support website (<http://egnos-user-support.essp-sas.eu>).

## **CONTACT US**

Should you have any question related to this Service Notice or EGNOS Service Provision, please, contact [Egnos-helpdesk@essp-sas.eu](mailto: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](http://www.essp-sas.eu) and user support website at <http://egnos-user-support.essp-sas.eu>