



A word from the GSA

As I had the opportunity to highlight in occasion of the kick-off meeting, the EGNOS service provision Contract in Toulouse on 8-9 July, countersigned by the European GNSS Agency (GSA) and ESSP, is a major milestone for the EGNOS Program as well as for the new course of GSA. It confirms the long term stability by the program on operating, maintaining and upgrading the in-service EGNOS system infrastructure, thus ensuring continuous, reliable and safe provision of the three services offered by EGNOS system.

For the EGNOS user community, in particular to the aviation but more and more also to other who are showing increase of their interest such as maritime, road, agriculture or rail, this contract is meant to secure the benefits of the EGNOS services for many years to come.

In this context the new partnership between ESSP and Telespazio can guarantee an industrial solidity on operation and maintenance, as well as to disclose new potentiality on service provision.

For the European GNSS Agency, which has been responsible for the tendering process and is now taking over the responsibility for the management of the contract as of January 2014, this is also a major achievement in perspective of the new key role that it is expected to play on EU GNSS programmes.

Finally this is a real opportunity to build together a long lasting success.

Carlo des Dorides
GSA Executive Director

New EGNOS Service Provision Contract awarded to ESSP!

Last June 26th was the date for the official signature between the GSA and ESSP to seal the 8-Year Contract for the EGNOS Service Provision.

The selection of ESSP is the result from the open Tender GSA/NP/09/12, in which technical and financial criteria determined that ESSP proposal offers the highest value for money for the future EGNOS Service users, while ensuring a seamless transition into 2014. ***Congratulations!***



Carlo des Dorides (GSA); Antonio Tajani (EC VP) and Dirk Werquin (ESSP) the day of the ESP signature



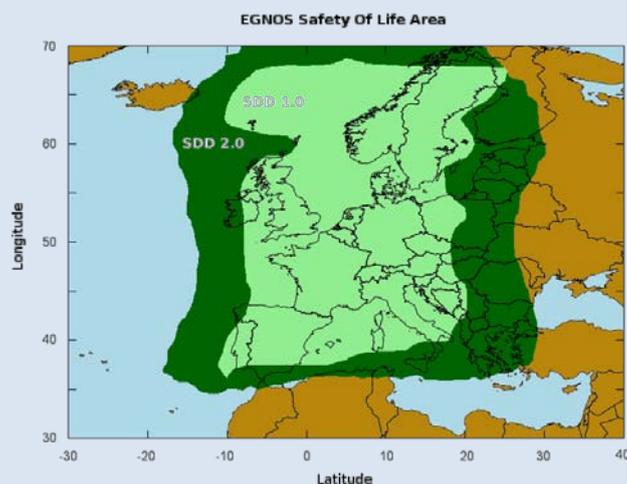
GSA, EC, EASA, ESA, ESSP and Telespazio team members at the ESP successful Kick Off Meeting last 8-9 July at Toulouse

New Safety-of-Life Service Definition Document Published

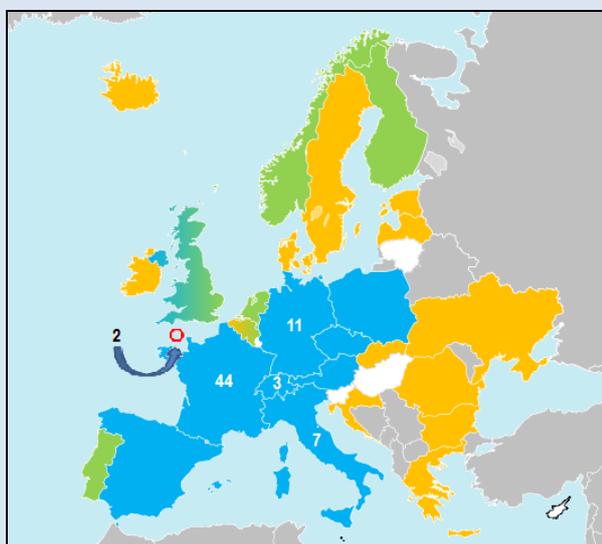
The EC has released a new version of the EGNOS Safety of life Service Definition Document ([SoL SDD](#)) updating the previous one from 2011.

The Service Definition Document presents the characteristics and terms and condition of use of the services offered to users by the EGNOS Safety of Life (SoL).

The major improvement of this new SDD is the **enlargement of the EGNOS service area**, as shown in the map for the APV-I availability.



LPV implementation status in Europe



The following charts show the actual number of LPV procedures already published at European airports Europe, as well as the status of the EGNOS Working Agreements (EWA) between ESSP and the different ANSPs within the EGNOS Service area - latest one being the one with Czech Republic ANSP on July 3rd.

The signature of the EWA between an ANSP and the ESSP as EGNOS service provider is the first step for LPV procedures implementation.

	Initiated Discussions
	Advanced Discussions
	EWA signed
x	Number of published LPV procedures
	No feedback

NOTAM Proposal Service Evolution

ESSP has reached Service level 2 for its NOTAM Proposal Service supporting the SoL service within aviation.

The mission of the NOTAM tool is:

- ➔ To predict APV-1 service unavailability period at airport locations
- ➔ To format the prediction into an agreed NOTAM format
- ➔ To ensure the transmission of Proposed NOTAM to the concerned NOFs (NOTAM Office)

ESSP, as the EGNOS service provider, integrates the NOTAM proposals provision in its services and is responsible for the generation and distribution of the NOTAM proposals to the NOF.

The NOTAM Proposal Service Level 2 includes a series of improvements; mainly concerning the service reaction time with regard to Service Level 1.0 for GNSS unplanned events during business hours.

The NOTAM tool is able now to automatically process this information, update its database contents accordingly, launch predictions (semi-automatic mode) and even distribute them through AFTN autonomously (full automatic mode).



EGNOS Implementation and Promotion projects

“EGNOS Services provision” Workshop in Prague



The fifth SHERPA Workshop regarding “EGNOS Service Provision” was held on July 2nd at GSA premises in Prague:

The main topics tackled during this technical Workshop were:

- The different EGNOS implementation strategies in the frame of PBN within Europe and the lessons learnt from one pioneer ANSP in this subject, as it is the case of Aena
- The overview of the current EGNOS Service provision regulatory framework
- The EGNOS Service provision scheme
- EASA’s role within EGNOS
- The activities, services, interfaces and user support tools done and provided by ESSP as part of the EGNOS service provider missions
- The feedback from the SHERPA consortium concerning the implementation of EGNOS-

based procedures and PBN strategies. A round table dealing with the main lessons learnt and difficulties found were discussed during a round table session.



SAFIR

The first **SAFIR** (Satellite navigation services for African Region) Working Session took place in Dakar (Senegal) on the 22, 23 and 24 May 2013. The general presentations addressed the EGNOS initiatives in Africa, the presentation of the SAFIR project and the set-up of the EGNOS-Africa Joint Program Office (JPO) by SAFIR.

The working session was mainly focused on EGNOS V3 missions and service provision, with a strong emphasis on the current EGNOS experience.

The next session is set up to take place in Addis Ababa (Ethiopia) in November 2013 and will be dedicated to governance, certification and liability aspects.

SBAS Interoperability Working Group (IWG)

ESSP participated at the 25th SBAS IWG Meeting last June 25-27 in St Petersburg, presenting:

- The EGNOS Services status, including the last updates of the SDD (SoL, OS and EDAS)
- The LPV implementation status
- The EGNOS Performance observations during Q1 and Q2 2013, including the impact of Solar Activity.
- The Q1 and Q2 main events in Performances: GEO swap and SDCM tests.

Many other different research and development activities under EGNOS, WAAS, GAGAN, SDCM and MSAS scope were presented at this meeting, which aim is to establish adequate cooperation /coordination among SBAS providers so their implementation becomes more effective and part of a seamless worldwide navigation system.



IWG participants photographed beside Russia’s Svetloe Radio Astronomy Observatory

Recent GNSS & Aviation Events

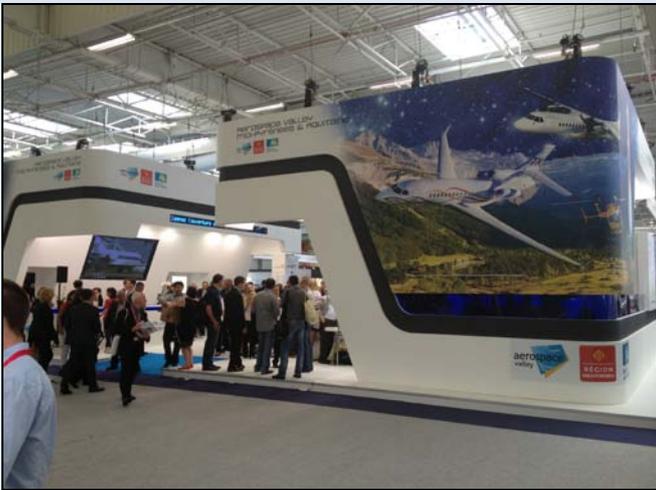


- 9-11 May in Hradec Králové Airport, Czech Republic
- EGNOS stand hold by GSA / ESSP
- A dedicated seminar about EGNOS Benefits for Helicopter Operations was held both days
- More than 20.000 visitors



**50TH INTERNATIONAL
PARIS AIR SHOW
LE BOURGET**
**FROM 17 TO 23 JUNE 2013
WHERE AEROSPACE LEADERS
GET DOWN TO BUSINESS**

- 16-23 June in Le Bourget Airport, Paris
- EGNOS stand hold by ESSP at the Aerospace Valley Pavilion
- Institutional visits from French Ministry of Transport and the Mayor from Toulouse
- More than 200.000 visitors



The Aerospace Valley Pavilion at le Bourget



French Minister of Transport visiting ESSP stand



EGNOS Service Roadmaps and EGNOS Service Notices

You can consult the three EGNOS Services Roadmaps at [ESSP site](#). Roadmaps provide a high-level overview of service's current status and its expected evolution linked to the consecutive EGNOS system release (ESR) deployment and information/interfaces improvements described herein.

Besides, ESSP periodically publishes EGNOS [Service Notices](#) regarding punctual information on EGNOS system status and related service performance. Please check on the latest updating of EGNOS Service Notice #6 (June 2013).

EGNOS Service Provision Workshop 2013

Prague, 3-4 July

DONE!

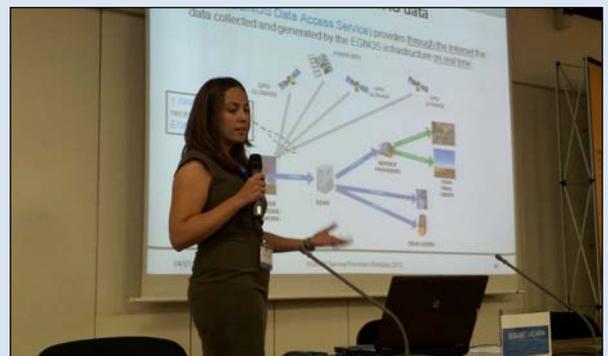
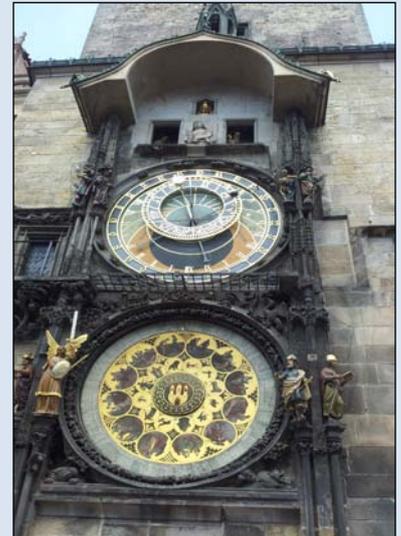
ESSP organizes as every year the Annual meeting for EGNOS stakeholders to get together and learn about latest news, projects and improvements on the EGNOS services.

A two-day event that serves as milestone in the EGNOS service provision, where users, manufacturers, industry, institutions and regulators can network and exchange information.

The event was hosted this year by the Czech Ministry of Transport in Prague. This impressive venue welcomed more than 150 participants. First day was devoted to show latest EGNOS performances, to explain the different EGNOS services roadmaps and to focus on the EGNOS implementation in the field of Aviation. ANSPs, ATCs, pilots, regulators, avionics manufacturers, shared their experiences and different views as EGNOS stakeholders. Among the speakers were representatives from EUROCONTROL, EASA, SKYGUIDE, AENA, NETJETS, AURIGNY AIRLINES, ALDERNEY AIRPORT, ROCKWELL&COLLINS and AOPA (Aircraft Owners & Pilots Association).

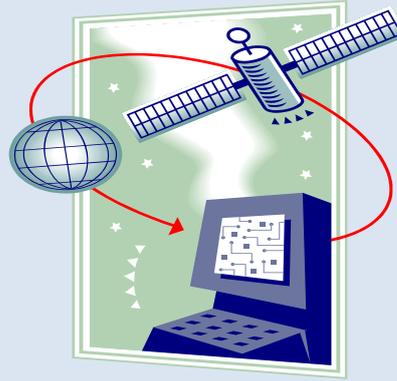
Second day was conceived first as EDAS User Forum, with the following companies presenting EDAS applications: TELESPAZIO, GMV, DKE, ALBERDING and SKODA. The second part of the day was focused on EGNOS uses in other fields than Aviation, as Road, Rail, Maritime, Agriculture and Mapping. The GSA (European GNSS Agency, based in Prague) presented as well the EGNOS market status and opportunities. This presentation was followed by practical examples of EGNOS use in multimodal domains: Maritime (Ariadna Project); Rail (INECO and ANSALDO); transport and logistics (TELESPAZIO); precision agriculture (TOPCON) and Road (THALES).

To learn more on this event and see the interesting presentations shown, please click on [ESSP site](#).



EDAS (EGNOS Data Access Service) Evolution

EDAS is constantly evolving in order to offer more and better content to the users. In particular, the EDAS Ntrip Service is being improved since April 2013. Ntrip is an RTCM standard designed for disseminating differential correction data or other kinds of GNSS streaming data to stationary or mobile users over the Internet, allowing simultaneous PC, Laptop, PDA, or receiver connections to a broadcasting host. From July 2013, differential GNSS corrections have been available through the NTRIP Service, which have been provided through message type 1 and 31, inside standards RTCM 2.1 and 2.3.



More info on 

www.essp-sas.eu

EGNOS Service Provider Website. Info on the EGNOS system, news on the service. **Service Roadmaps. Service Notices.** Status on EGNOS implementation in Aviation. Projects. Events.

egnos-user-support.essp-sas.eu

Information on past and current EGNOS performances. Signal in Space (SIS) status. Forecast on SIS availability. EDAS information and registration.

egnos-portal.gsa.europa.eu

EGNOS applications. Developers platform. Business support.

For questions & Information
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egnos-helpdesk@essp-sas.eu



Disclaimer: EGNOS is a complex technical system and the users have certain obligations to exercise due care in using the EGNOS services. Before any use of the EGNOS services, all users should review the EGNOS SoL Service Definition Document ("SDD") and/or EGNOS Open Service SDD (both available on the ESSP SAS website <http://www.essp-sas.eu/>) in order to understand if and how they can use these EGNOS services, as well as to familiarise themselves with their respective performance level and other aspects the services may offer. Use of an EGNOS service implies acceptance of its corresponding SDD specific terms and conditions of use, including liability.

In case of doubt the users and other parties should contact the ESSP SAS helpdesk at egnos-helpdesk@essp-sas.eu. Aviation Users may also contact their National Supervisory Authority.

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