



WORKSHOP INVITATION

Opportunities of Satellite Navigation for Arabic countries

8 April 2010

Hotel Dedeman Damascus

Avenue Choukry Kwatly

Po Box 5531

Damascus, Syria

EGNOS and GALILEO are the two systems implementing the European GNSS (Global Navigation Satellite System) strategy.

Galileo will be operational in 2014 and will be Europe's own global navigation satellite system, under civilian control.

EGNOS (European Geostationary Navigation Overlay Service) is Europe's first venture into satellite navigation. EGNOS is a Satellite-Based Augmentation System (SBAS) with a regional coverage. EGNOS improves the accuracy of current GPS signal to up to one metre and provides integrity information, making it suitable for applications requiring very accurate and guaranteed positioning.

Conceived for the Civil Aviation needs, EGNOS has interesting perspectives of commercial utilisation also in other markets, as precursor of the forthcoming Galileo.

EGNOS provides three services over Europe:

The *Open Service* operational since October 2009, suitable for most common applications;

The *Safety of Life Service*, that will be available in 2010, certified according to the European regulations in place, in order to provide a service with the safety levels required by Civil Aviation operations;

The *Commercial Service* currently under test until mid-2010, enabling specific applications for professional markets, requiring very accurate and guaranteed positioning.

One of the key features of EGNOS relies on the possibility to be extended in areas adjacent to Europe, through an integration of its terrestrial network.

Today, the extension of the EGNOS service coverage has just started, with the on-going deployment of additional monitoring stations around the Mediterranean area.

This workshop will provide information concerning the status and plans of EGNOS and Galileo, and their main applications in Civil Aviation, Road, Rail, Maritime and Freight transport. The event will also give the occasion to present the on-going activities in support to the extension of EGNOS in the Arabic countries, and discuss with the audience on the opportunities and commercial benefits generated in these countries by the development of applications thanks to such an extension.

The event is in English and Arabic.

The event is organized by the Syrian Arab Republic Ministry of Transport.



Program Morning session

9:00 - 9:30 <i>Registration</i>	
9:30 <i>Welcome</i> <i>Dr. Eng. Y. Badr (Syrian Arab Republic Minister of Transport)</i>	
Moderator: Mr. R. Hoenders (European Commission - DG AIDCO) - EuroMed Transport Programme	
10:00	<i>EU-Arabic countries cooperation frameworks</i> <i>Mr. R. Hoenders (European Commission - DG AIDCO) - EuroMed Transport Programme</i>
	Q&A
10:30	<i>European GNSS Programmes: status and international cooperation activities</i> <i>Mr. U. Celestino (European Commission - DG ENTR)</i>
	Q&A
11:00 - 11:20 <i>Coffee-break</i>	
11:20	<i>The introduction of EGNOS in Civil Aviation</i> <i>Mr. A. Sage (Helios - UK)</i>
	Q&A
11:50	<i>The introduction of EGNOS in Maritime</i> <i>Dr. R. Rashad (Arab Institute of Navigation - Egypt)</i>
	Q&A
12:20	<i>The introduction of EGNOS in Road, Rail and Freight transport</i> <i>Ms. A. Di Fazio (Telespazio - Italy)</i>
	Q&A
12:50 - 14:10 <i>Lunch</i>	



Afternoon session

Moderator: Mr. U. Celestino (European Commission - DG ENTR) - EU Satellite Navigation Programmes	
14:10	<p><i>Provision of satellite navigation services over the Arabic countries, Mediterranean area and Africa</i></p> <p><i>Mr. U. Celestino (European Commission - DG ENTR)</i></p> <p>Q&A</p>
14:40	<p><i>SIRAJ: SBAS Implementation in the Regions of ACAC and ASECNA</i></p> <p><i>Ms. A. Di Fazio (Telespazio - Italy)</i></p> <p>Q&A</p>
15:00	<p><i>The Arab MENA regional Challenge for the "European Satellite Navigation Competition 2010"</i></p> <p><i>Dr. Omar Al-Emam, Project leader of Arab MENA Regional challenge, The Arab Science and Technology Foundation (ASTF) - Official Regional Partner</i></p> <p>Q&A</p>
15:20	<p><i>Opportunities of Satellite Navigation for Arabic countries</i></p> <p><i>Invited speakers:</i></p> <ul style="list-style-type: none"> - <i>Mr. M. Elkady, Arab Civil Aviation Commission (ACAC)</i> - <i>Mr. M. AIAsoor, Chairman of ICAO MID GNSS/PBN Task Force</i> <p>Q&A</p>
16:00 - 16.30 <i>Conclusions and closure of the event</i>	
<i>Mrs. P. Fontaine (European Commission - Directorate-General for Mobility and Transport)</i>	