



Dear Madam / Sir,

The European Maritime Radionavigation Forum (EMRF), the European GNSS Agency (GSA) and the European Space Agency (ESA) would like to invite you to the

2018 EMRF and EGNOS Service Provision Working Group

scheduled to take place on October 30th and 31st and kindly hosted by Puertos del Estado in Madrid (Spain).

Following the previous EMRF workshops, good progress has been made on key aspects. The objective of this meeting is twofold:

- to inform EMRF members about key developments in radionavigation evolutions.
- to inform about the EGNOS SPWG progress, discuss and finalise the service provision proposal to be used in the Service Concept Review of a potential new EGNOS Maritime Service based on SBAS L1 SIS to be done by EC/GSA/ESSP/ESA.

We kindly ask you to save this date in your calendar and confirm your participation to this meeting by sending an e-mail to market@gsa.europa.eu before 22nd October 2018. In case you would like to address any other topic for the EMRF meeting and would like to deliver a presentation please send your proposals before the end of September. An updated agenda will be send on 1st October. Maritime Authorities with budget constraints, please specify if you need contribution to the travel expenses by sending an e-mail to market@gsa.europa.eu before 17th October 2018.

Venue (see annex for more details):

Puertos del Estado
Av. Partenón, 10, 28042
Madrid - Spain

Please find hereafter the main agenda topics.

Best Regards

EMRF – Jacques Manchard

GSA – Manuel López

ESA - Giorgio Solari





2018 EMRF and EGNOS Service Provision Working Group

Agenda

DAY 1 – (Tuesday 30th October 2018)

9h30-9h45 – Welcome and Introduction

9h45-12h45 – **EMRF Points for information**

- Likely evolution of the IALA DGNSS system
- Update on the ERNP (EC/JRC)
- Developments in e-Navigation and the Maritime Connectivity Platform (MCP)
- Update on R-Mode
- Update on AIS and VDES
- EMRF Members presentations
 - Kongsberg (Stig Erik.Christiansen) – 20 minutes time slot
SBAS4MAR – Maritime SBAS User Algorithms (ESA)
MAREC – SBAS in Maritime Receivers (GSA)
AMNAS – Provision of SBAS and ARAIM through VDES satellites (ESA)
 - GSA (Silvia Porfili) - 20 minutes time slot
Seasolas Project.

12h45-13h15 – **EMRF support letter to EC/GSA.**

13h15-14h00 – Lunch

14h00 – 17h30 – **EGNOS Service Provision Working Group**

- **EGNOS maritime Service Points for information**
 - EGNOS L1 maritime service roadmap status/update





- European approach towards the EGNOS L1 Maritime Service Declaration
 - Service Concept Review
- EGNOS L1 maritime Service Definition
 - Performance parameters (already finalised within EMRF)
 - Integrity at system level concept (already finalised within EMRF)
 - Static Performance study (update)
 - Validation studies and Field test campaigns (new)

DAY 2 – (Wednesday 31st October 2018)

9h30h-13h00 – EGNOS Service Provision Working Group

- **EGNOS maritime Service points for discussion/decision and support**
 - Service provision Aspects
 - Service provision Scheme
 - Maritime Safety information
 - Liability scheme

13h00-14h00 – Lunch

14h00h-17h30 – EGNOS Service Provision Working Group (cont.)

- **Validation of evidences for the EGNOS L1 Maritime Service Concept Review (SCR)**

17h30-17h45 - **Conclusions and way forward**

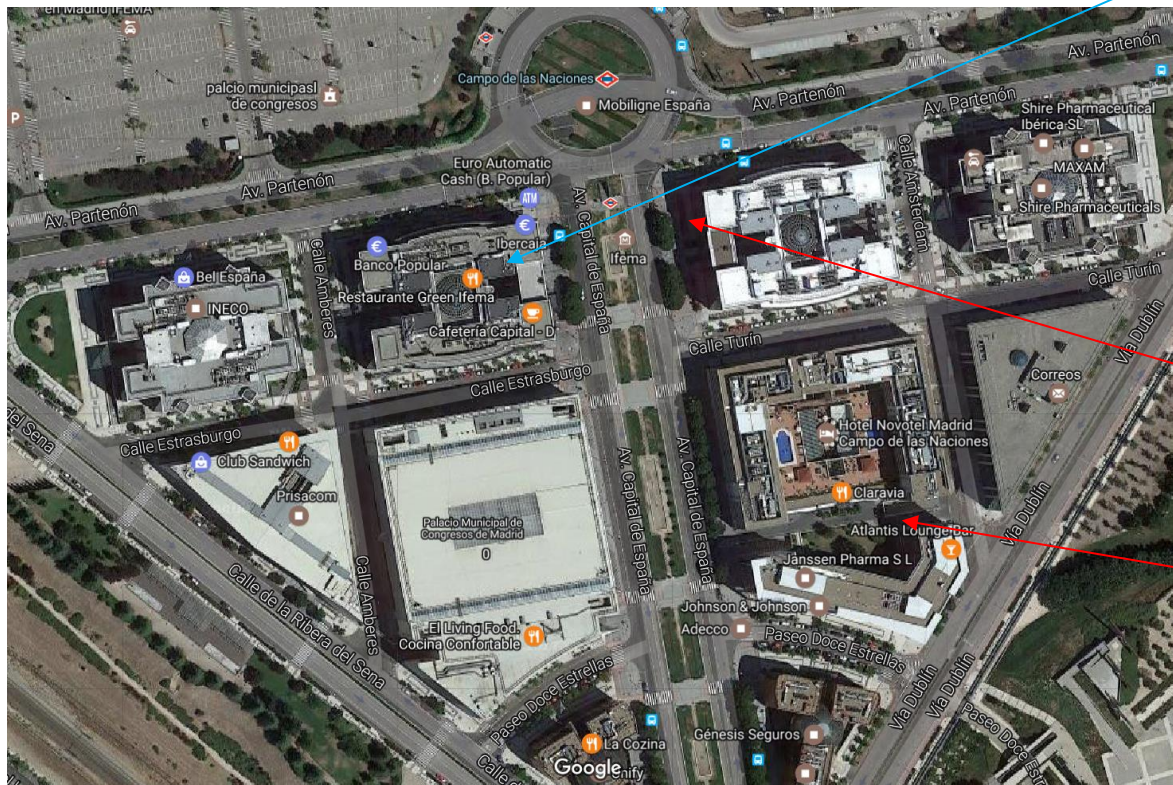


VENUE:

Puertos del Estado - Conference Room (1st floor)

Avenida del Partenón, 10 – Madrid

3 min walk to
Puertos del Estado
main entrance



“Campo de las
Naciones”
Metro station

Hotels Pullman
and Novotel

HOW TO ARRIVE FROM THE AIRPORT:

- Usually the Metro is the best way to get to the venue from the airport (line 8).
 - Line 8, Metro station “Campo de las Naciones” (from airport from T1,2, 3, one stop; from T4, two stops).
- A taxi from the airport will cost a fixed price of 30€.



HOTELS:

<p>Hotel Novotel Campo de Las Naciones 4*</p> <p>C/ Amsterdam, 3</p> <p>28042 Madrid</p> <p>Ph: +34 917 21 18 18</p> <p>Special rate of 92€ double room individual use with breakfast included if you call the hotel and indicate that you attend a meeting in Puertos del Estado or if you contact the following travel agency puertos@globaliact.com to manage your booking.</p> <p>http://www.novotel.com/gb/hotel-1636-novotel-madrid-campo-de-las-naciones/index.shtml</p> <p>5 min walk to Puertos del Estado</p>	<p>Hotel Pullman Airport & Feria 5*</p> <p>Avda. Capital de España, 10</p> <p>28042 Madrid</p> <p>Ph: +34 917 21 00 70</p> <p>Special rate of 110€ double room individual use with breakfast included if you call the hotel and indicate that you attend a meeting in Puertos del Estado or if you contact the following travel agency puertos@globaliact.com to manage your booking.</p> <p>http://www.pullmanhotels.com/es/hotel-1606-pullman-madrid-airport-feria/index.shtml</p> <p>5 min walk to Puertos del Estado</p>
<p>Hotel Meliá Barajas 4*</p> <p>Avenida de Logroño, 305</p> <p>28042 Madrid</p> <p>Ph: +34 917 477 700</p> <p>https://www.melia.com/es/hoteles/espana/madrid/melia-barajas/index.html</p>	<p>Hotel Meliá Avenida de América 4*</p> <p>Calle de Juan Ignacio Luca de Tena, 36</p> <p>28027 Madrid</p> <p>Ph: +34 914 232 400</p> <p>https://www.melia.com/es/hoteles/espana/madrid/melia-avenida-america/index.html</p>

