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23 September 2020

To: Members of the Navigation Systems Panel (NSP)
From: Panel Secretary
Subject: **Invitation to the Sixth Meeting of the Navigation Systems Panel (NSP/6) (virtual meeting, 2 – 13 November 2020)**

Dear colleagues,

I am pleased to invite you and your advisers to attend the **Sixth Meeting of the Navigation Systems Panel (NSP/6)**, to be held as a virtual meeting from 2 to 13 November 2020, beginning at 0700 hours on 2 November (Montreal time).

The agenda for the meeting is in **Attachment A**. Administrative arrangements, including deadlines for submission of papers, are presented in **Attachment B**. It should be noted that, as specified in Attachment B, **no input papers (WP/IP) will be accepted after the start of the meeting**.

It would be appreciated if your confirmation of acceptance of this invitation, together with the names of those attending, could be sent to acapretti@icao.int by 26 October 2020.

Alessandro Capretti
Secretary
Navigation Systems Panel

Attachments:

A – Agenda

B – Administrative arrangements

ATTACHMENT A

AGENDA

- Agenda Item 1:** NSP work programme and organization, including review of Job Cards
(Ref: all NSP Job cards)
- Agenda Item 2:** SARPs for GNSS elements and signals (ABAS, SBAS and core constellations) *(Ref: Job cards NSP002.03, NSP003.03, NSP004.03)*
- 2 a) GPS
 - 2 b) GLONASS
 - 2 c) BeiDou
 - 2 d) Galileo
 - 2 e) SBAS (L1/L5)
 - 2 f) ARAIM
 - 2 g) Other issues
- Agenda Item 3:** SARPs for GNSS elements and signals (GBAS) *(Ref: Job card NSP005.03)*
- Agenda Item 4:** SARPs for conventional radio navigation aids
- 4 a) Enhancements to DME SARPs and guidance material
 - 4 b) Enhancements to MLS SARPs and guidance material
 - 4 c) Enhancements to ILS SARPs and guidance material
 - 4 d) Enhancements to VOR SARPs and guidance material
 - 4 e) Other issues
- Agenda Item 5:** Updates to Doc 8071, *Manual on Testing of Radio Navigation Aids*
- Agenda Item 6:** Spectrum (except WRC issues) *(Ref: Job card NSP006.04)*
- 6 a) Signal and compatibility issues in the band 108 to 117.975 MHz
 - 6 b) Signal and compatibility issues in the band 960 to 1215 MHz
 - 6 c) Signal and compatibility issues in the band 5000 to 5150 MHz
 - 6 d) GNSS signal and interference issues
 - 6 e) Other issues
- Agenda Item 7:** Mitigation of space weather effects *(Ref: Job card NSP007.02)*
- Agenda Item 8:** Alternative position navigation and timing *(Ref: Job card NSP009.04)*
- Agenda Item 9:** Any other business
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ATTACHMENT B

ADMINISTRATIVE ARRANGEMENTS

Documentation

1. Documents for the meeting should be sent to the Secretary of NSP at acapretti@icao.int.
2. **No input papers (WP/IP) will be accepted after the start of the meeting.** It would be greatly appreciated if input documents were submitted **no later than 26 October 2020**.
3. All documents will be published on the NSP website at the ICAO secure portal (<http://portal.icao.int>). Templates for working and information papers will also be placed on the website.

Other arrangements

1. The panel will conduct its work through meetings of the full panel and of its working groups. The first week (2 – 6 November) will be dedicated to working group meetings, both in stand-alone¹ and joint configurations. The second week (9 – 13 November) will be used for full panel meetings (including the opening plenary session on November 11) and for additional working group meetings. A tentative timetable is provided below.

Week 1	2 November	3 November	4 November	5 November	6 November
7 – 11 AM (Montreal time)	DS2SG VWG (core constellations) SWG	DS2SG VWG (core constellations) SWG	VWG/SWG/GSWG/DS2SG (common GNSS spectrum matters)	DS2SG SWG/CNTWG (LDACS) VWG (core constellations – common sections)	DS2SG SWG/GWG/CNTWG (GBAS VDB)
Week 2	9 November	10 November	11 November	12 November	13 November
7 – 11 AM (Montreal time)	GSWG/VWG (core constellations, SBAS)	GSWG	Plenary	Plenary	Plenary

Legend: *CNTWG: Conventional Nav aids and Testing Working Group – DS2SG:DFMC SBAS SARPs Subgroup – GWG: GBAS Working Group – GSWG: GNSS SARPs Working Group – SWG: Spectrum Working Group – VWG: Validation Working Group.*

2. Videoconferencing arrangement details (Webex) will be provided separately closer to the date of the meeting.

— END —

¹ Note however that there will be no stand-alone meetings of CNTWG and GWG during NSP/6.