

**The Fifth Meeting of the Ionospheric Studies Task Force (ISTF/5)
Ishigaki, Okinawa, Japan, 16 – 18 February 2015**

Date	0830 – 0930	0930 1000	1000 – 1200	1200 1330	1330 - 1500	1500 1530	1530-1700
Mon. 16 Feb.	<p style="text-align: center;"><u>Inaugural Session</u></p> <p>0830 - 0900</p> <ul style="list-style-type: none"> ➤ Registration <p>0900 - 0930: Opening Session</p> <ul style="list-style-type: none"> ➤ <i>Remarks by Mr. F.Lecat, Regional Officer, ICAO APAC Office</i> ➤ <i>Address by Chairman, ISTF – Dr. Susumu Saito</i> ➤ <i>Group photo</i> ➤ <i>Working arrangements</i> <p>ICAO website: http://www.icao.int/APAC/Meetings/Pages/2015-ISTF5.aspx</p>	<p>C</p> <p>O</p> <p>F</p> <p>F</p> <p>E</p> <p>E</p> <p>E</p>	<p style="text-align: center;"><u>Session 2</u></p> <ul style="list-style-type: none"> ➤ Introduction of Participants <p>Agenda Item 1: Adoption of Agenda</p> <ul style="list-style-type: none"> ➤ <i>WP/01 – Provisional Agenda (Sec)</i> <p>Agenda Item 2: Review outcome of relevant meetings/Conferences</p> <ul style="list-style-type: none"> ➤ <i>WP/02 (Sec)</i> ➤ <i>Review of activities since the last meeting (ISTF/4) – (Chairman)</i> <p>Agenda Item 3: Review status of States' activities</p> <ul style="list-style-type: none"> ➤ <i>IP/02 GNSS implementation in India (India)</i> ➤ <i>Invite other States to report about the status(round table)</i> 	<p>L</p> <p>U</p> <p>N</p> <p>C</p> <p>H</p>	<p style="text-align: center;"><u>Session 3</u></p> <p>Agenda item 4: Review of progress of tasks and related action items</p> <p>a) Task 1 - Data Collection</p> <ul style="list-style-type: none"> ➤ <i>Review of activities since the last meeting (ISTF/4)</i> ➤ <i>WP/06</i> ➤ <i>IP/03 GTEX tool status (NICT)</i> <p>b) Task 2 - Iono Analysis (webconference)</p> <ul style="list-style-type: none"> ➤ <i>WP/04 EXTREME IONOSPHERIC DELAY GRADIENT (Japan)</i> ➤ <i>WP/05 IONOSPHERIC DELAY GRADIENT ANALYSIS WITH THE SINGLE-FREQUENCY CARRIER-BASED AND CODE AIDED METHOD (Japan)</i> 	<p>T</p> <p>E</p> <p>A</p> <p>/</p> <p>C</p> <p>O</p> <p>F</p> <p>F</p> <p>E</p> <p>E</p>	<p style="text-align: center;"><u>Session 4</u></p> <p>Task 2 - Iono Analysis (webconference)</p> <ul style="list-style-type: none"> ➤ <i>WP/03 development and verification of data analysis tools for gradient estimation (AATR) (India)</i> ➤ <i>WP/06 AATR analysis tools and current status of analysis of ISTF data (Japan)</i> ➤ <i>Introduction of LTIAM tool (SP/01, USA)</i>

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Date	0900 – 1000	1000 1015	1015 – 1200	1200 1330	1330 - 1530	1530 1600	1600-1700
Tue. 17 Feb.	<p style="text-align: center;"><u>Session 5</u></p> <p>Agenda item 4: Review of progress of tasks and related action items</p> <p style="padding-left: 40px;">b) Task 2 - Iono Analysis</p> <p>Cont'd</p> <p>0900 – 1000 Webconference Use of LTIAM tool in the APAC region</p>	<p style="text-align: center;"><u>Session 6</u></p> <p>Agenda item 4: Review of progress of tasks and related action items (cont'd)</p> <p style="padding-left: 40px;">c) Task 3 - TEC Generation</p> <p style="padding-left: 40px;">d) Task 4 - Scintillation Data</p> <p style="padding-left: 40px;">e) Task 5 - Iono Models</p> <ul style="list-style-type: none"> ➤ <i>WP/07 SBAS threat model (ENRI)</i> ➤ <i>WP/08 GBAS threat model (ENRI)</i> ➤ <i>GBAS Brazilian Ionospheric Threat Model Project (SP/02, USA)</i> ➤ <i>Questions/replies with industry about implementation</i> <p style="padding-left: 40px;">f) Task 6 - Space Weather</p> <ul style="list-style-type: none"> ➤ <i>Report about discussions in the MET group</i> 	<p style="text-align: center;"><u>Session 7</u></p> <p>1330-1430</p> <p>Agenda item 5: Joint session with ICAO NSP CSG (1 hour)</p> <ul style="list-style-type: none"> ➤ <i>ISTF opines that there should be mitigation of iono effects for SBAS and GBAS, what are CSG views concerning GBAS system?</i> ➤ <i>How manufacturers see the need for and the feasibility to implement iono mitigation models</i> <p>Agenda Item 6 Review of action items</p> <ul style="list-style-type: none"> ➤ <i>Action table</i> <p>Agenda Item 7 Any other business</p> <p>Agenda item 8: Future plan</p> <ul style="list-style-type: none"> ➤ <i>Discuss the work plan to:</i> <ul style="list-style-type: none"> ▪ <i>Finalize outcomes of ISTF</i> ▪ <i>Support the transfer to stakeholders</i> 	<p style="text-align: center;"><u>Session 8</u></p> <p>Review of draft report</p> <p>Wrap-up</p> <p>Address by the Host State, Mr. Fukuda, Director of Navigation Systems Department</p>			

Wednesday, 18 February:

Technical tour, ENRI's GAST-D site, 1330 -1700 hrs.

RECEPTION DINNER: Hosted by NEC with participants of ISTF and NSP CSG