



ICAO

International Civil Aviation Organization

**Twenty Sixth Meeting of the Communications/
Navigation and Surveillance Sub-group (CNS SG/26) of
APANPIRG**

Video Tele-Conference, 5 – 9 September 2022

Agenda Item 2: Review outcomes of APANPIRG/RASG Chairpersons review, APANPIRG/32 meeting, DGCA/57 meeting, ATM Sub-group and other major meetings relevant to CNS Sub-group

**RELEVANT ACTION ITEMS OF 57th CONFERENCE OF
DIRECTORS GENERAL OF CIVIL AVIATION**

(Presented by the Secretariat)

SUMMARY

This paper presents the CNS related outcomes of the 57th Conference of Directors General of Civil Aviation Asia and Pacific Regions (DGCA/57) for review by the meeting.

1. INTRODUCTION

1.1 The 57th Conference of Directors General of Civil Aviation (DGCA), Asia and Pacific Regions, hosted by Republic of Korea was held at the Paradise City Convention Center, Incheon, Republic of Korea, from 4 to 8 July 2022.

1.2 There were 503 participants with 302 attending in-person and 201 online, from 31 States/Administrations and 11 International Organizations.

1.3 There were 84 Discussion Papers presented and 48 Information Papers submitted, 132 conference papers in total, under 11 Agenda Items.

2. DISCUSSION

2.1 The Theme Topic of the 57th DGCA Conference was: ***“Strengthening regional cooperation for the restoration of air network with No Country Left Behind”***. The Conference formulated 64 Action Items.

2.2 There were two discussion papers in the Safety stream shared information and proposed further actions on 5G and Radio Altimeter issue:

- 57-3-11-DP 5G Interference to Aircraft Radio Altimeters
- 57-3-12-DP 5G Roll-Out & Aviation Safety.

2.3 The Air Navigation stream formed five Action Items from twelve discussion papers, the following papers are mainly relevant to CNS:

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- 57-4-3-DP Aeronautical Spectrum Utilization and Protection ,
- 57-4-5-DP Advanced and Sustainable Technologies for Supporting a Safe and Reliable Operation of the HK Airport;
- 57-4-6-DP Collaboration of ANSPs in APAC;
- 57-4-9-DP Multi-Regional Trajectory Based Operations Lab Demonstration;
- 57-4-11-DP Korea Augmentation Satellite System (KASS) Programme ;
- 57-4-12-DP Implementation of First LPV Approach in India and APAC Region and Expansion of GAGAN Related Services.

2.4 The agreed Action Items will be attached to the final report of the Conference and the States/Administrations are urged to take follow-up actions and provide ICAO APAC Office a status report of implementation. The Action Items under the relevant agenda items of the Conference related to CNS are provided in **Appendix A** to this paper for review by the meeting.

2.5 The DGCA Conf/58 will be hosted by Bangladesh in 2023 The Theme Topic for the DGCA Conf/58 adopted by the Conference is *“Promoting ICAO Gender Equality Programme in conjunction with Next Generation of Aviation Professionals (NGAP) initiative”*. Accordingly, emphasis should be given to the theme topic in formulating discussion and information papers for DGCA Conf/58.

2.6 The conference was informed that India will host the second Asia Pacific Ministerial Conference early in 2023, which is expected to deliver renewed commitments from the Asia Pacific Aviation Ministers in the new regional aviation landscape in the post-pandemic era.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) note the information contained in this Paper;
- b) review the Action Items related to CNS fields derived from the DGCA Conf/57; and
- c) identify CNS related issues if any that need to be brought to the attention of the DGCA Conf/58.

CNS RELATED ACTION ITEMS ARISING FROM THE DGCA/57

Discussion Paper No.	Action Item	Description
Agenda Item 1 - Theme Topic “Strengthening regional cooperation for the restoration of air network with No Country Left Behind”		
DP/1/1	Action Item 57/2	Noting the efforts and associated regional implementation support activities led by the ICAO during the COVID-19 pandemic to strengthen regional cooperation in support of reviving regional aviation, the Conference urged the States/Administrations to provide required resources to the regional efforts led by ICAO, including contributions in kind, in particular proposing secondees to the APAC Regional Sub-Office in Beijing, China.
Agenda Item 3 - Aviation Safety		
DP/3/2 DP/3/3 DP/3/10	Action Item 57/5	The Conference urged States/Administrations to: <ul style="list-style-type: none"> a) continue efforts in promoting the right environment and a positive safety culture through the consistent high-level leadership commitment; b) Strengthen collaboration to share and exchange best practices in developing and promoting a positive safety culture; and c) Continue efforts with strong commitment from top management to cultivating trust and respect between personnel and management for effective safety management.
DP/3/11 DP/3/12	Action Item 57/11	The Conference urged States/Administrations to <ul style="list-style-type: none"> a) engage with relevant government / telecommunication regulatory/management agencies regarding the potential impact of 5G deployment on aviation safety prior to decisions being made on the deployment of 5G in the C-Band, including discussions on the provision of robust and enforceable mitigations; and b) assist IATA in populating their Global 5G Status Dashboard. c) consider sharing details of 5G interference for aviation safety enhancements and requested IATA to provide updates on latest 5G status in the next RASG-APAC meeting. d) adopt a "whole of government" approach to prioritize public & aviation safety while rolling out 5G services.
Agenda Item 4 - Air Navigation		
DP/4/1	Action Item 57/19	The Conference urged States/Administrations to: <ul style="list-style-type: none"> a) establish, and update where necessary, regulations requiring the development, promulgation, exercising and update of ATM contingency plans, including formal contingency arrangements with all neighboring States, and ensure that application of the regulations is examined in safety oversight activities; and

Discussion Paper No.	Action Item	Description
		b) report their implementation status of the performance expectations of the ICAO Asia/Pacific Regional ATM Contingency Plan to the ICAO Regional Office annually, by not later than 31 March each year.
DP/4/3	Action Item 57/20	<p>Recognizing the effort on aeronautical spectrum utilization and protection shall only be enabled by the active participation and implementation of States, the Conference urged States/Administrations to:</p> <ul style="list-style-type: none"> a) participate in WRC-23 preparatory activities of the APT APG and at WRC-23 by aviation representatives, to support the ICAO position for WRC-23; b) coordinate frequency and SSR IC use with the ICAO APAC Office to ensure the frequency and IC lists are correct and up-to-date; c) monitor and report the occupancy of 1090 MHz which is capable to do so; d) engage with national spectrum regulators on the 5G and Radio Altimeter issue.
DP/4/6	Action Item 57/21	<p>The Conference agreed that States/Administrations:</p> <ul style="list-style-type: none"> a) form a committee of ANSPs, involving CANSO and IATA, to cooperate in the implementation of regional ANS initiatives including the ICAO Asia/Pacific Seamless ANS Plan; and b) coordinate with ICAO for the purposes of aligning the activities of the committee with the Asia/Pacific Seamless ANS Plan and informing APANPIRG and DGCA Conference of activities and progress.
DP/4/9	Action Item 57/22	<p>Recognizing the challenges in the development and realization of the global TBO concept in Asia Pacific, the Conference urged States/Administrations to:</p> <ul style="list-style-type: none"> a) share their activities and lessons learnt on developing TBO building blocks; and b) consider working towards a harmonized regional roadmap to implement TBO enablers such as SWIM and FF-ICE.
DP/4/13	Action Item 57/23	<p>The Conference encouraged States/Administrations to coordinate with the ICAO APAC Regional Office with a view to:</p> <ul style="list-style-type: none"> a) providing timely updates of ATM Points of Contact responsible for: <ul style="list-style-type: none"> i. Coordination of space vehicle launch and re-entry; and ii. Actions in response to coordination received; and b) prepare a working paper on the subject for discussion at the next meeting of the ATM Sub-Group of APANPIRG.
DP/4/14	Action Item 57/24	The conference encouraged States/Administrations to coordinate with the ICAO APAC ATFM/SG on consideration

Discussion Paper No.	Action Item	Description
		of inclusion of GDP trial guidance in the Regional Framework for Collaborative ATFM.
Agenda Item 5 - Aviation Security and Facilitation		
Agenda Item 6 - Economic Development of Air Transport		
Agenda Item 7 - Aviation and Environment		
Agenda Item 8 - Technical and Regional Cooperation		
DP/8/6	Action Item 57/54	Noting the establishment of the MID Flight Procedure Programme (FPP), the Conference: a) encouraged further cooperation and collaboration with APAC FPP; and b) encouraged harmonization of service fees through consultation between the FPPs.
Agenda Item 9 - Updates		
DP/9/1	Action Item 57/57	The Conference noted the progress achieved by many States/Administrations in the implementation of the Beijing Declaration's commitments and also acknowledged that some States/Administrations need further assistance to achieve their commitments. The Conference encouraged States/Administrations to collaborate and rigorously work to expedite the achievements of the commitments of the Beijing Declaration including in particular the certification of aerodromes used for international operations and not yet certified.
DP/9/2	Action Item 57/58	Noting the Port Moresby Declaration on Safety and Aviation Security to strengthen aviation in the Pacific Island States, the Conference urged States/Administration to support Pacific Island States achieve their aviation ambitions and regional priorities.
DP/9/4	Action Item 57/60	Noting the progress of the work of the RCM Task Force, the Conference urged States/Administrations to continue contributing towards the work of the RCM Task Force including participation in the Task Force.
DP/9/5	Action Item 57/61	The Conference agreed to regular written reports to be provided to the Asia-Pacific DGCA Conference highlighting key issues being discussed in the Council; and a) consider convening a session at the annual DGCA meetings between the Montreal Group and Asia-Pacific Member States to provide a platform for engagement on key issues facing ICAO and the Council; b) encourage Asia-Pacific States/Administrations to consider voluntary contributions to ICAO; and c) urge States/Administrations to ratify the amendments to Articles 50 (a) and 56 of the Chicago Convention.
DP/9/6	Action Item 57/62	The Conference urged the States/Administrations to: a) complete the ratification of the Protocol Relating to an Amendment to the Convention on International Civil

Discussion Paper No.	Action Item	Description
		Aviation [Article 50 (a)] signed at Montreal on 6 October 2016, as a matter of priority; and b) Maintain unity and inclusivity of the 39 Asia Pacific States to strengthen efforts to optimize the opportunities to increase Asia Pacific's representation in the ICAO Council.
Agenda Item 11 - Other Business		
DP/11a/4 DP/11a/3	Action Item 57/63	While acknowledging the Discussion Papers from the Republic of Korea and Bangladesh and noting that: a) increasing the future level of Asia Pacific membership on the ICAO Council and ratification had been responded to by the Conference in the Action Item 57/61 and Action Item 57/62; b) the Regional Cooperation Mechanisms (RCM) Task Force is resuming its work (reference Action Item 57/60) to continue its current work program; c) the priority for the region should be the recovery of aviation in the current circumstances; The Conference: a) encouraged Bangladesh and other States/Administrations to join the RCM Taskforce; and b) entrusted the RCM Taskforce as part of its work program to include examination of the feasibility of an APCAC and report on progress to the next DGCA Conference.
DP/11b/1	Action Item 57/64	The Conference adopted "Promoting ICAO Gender Equality Programme in conjunction with Next Generation of Aviation Professionals (NGAP) initiative" as the Theme Topic for the 58th DGCA Conference of the Asia and Pacific Regions to be held in 2023, hosted by Bangladesh and accordingly give emphasis to the theme topic in formulating discussion and information papers.