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AAC/2 Singapore

22-23/10/2023



AGENDA ITEM 2

Outcomes of the DGCA58 Conference



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**58th CONFERENCE OF DIRECTORS GENERAL OF CIVIL AVIATION
ASIA AND PACIFIC REGION
15-19 OCTOBER 2023 | DHAKA
BANGLADESH**

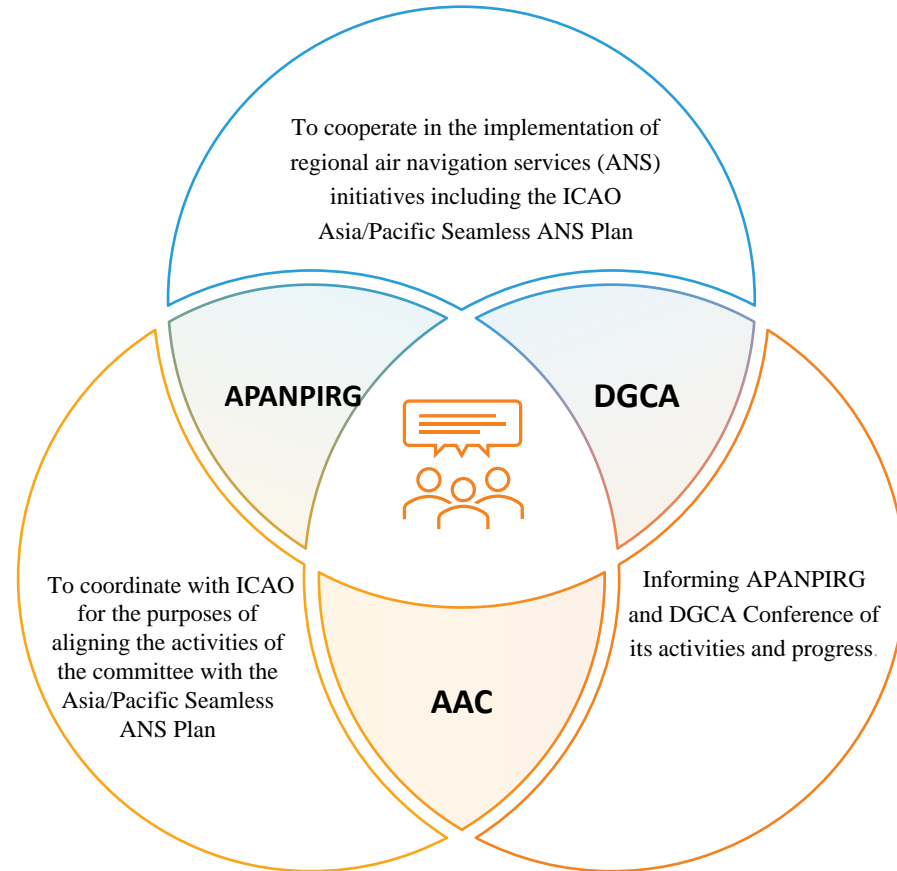


Secretariat

ICAO Asia & Pacific Regional Sub-office

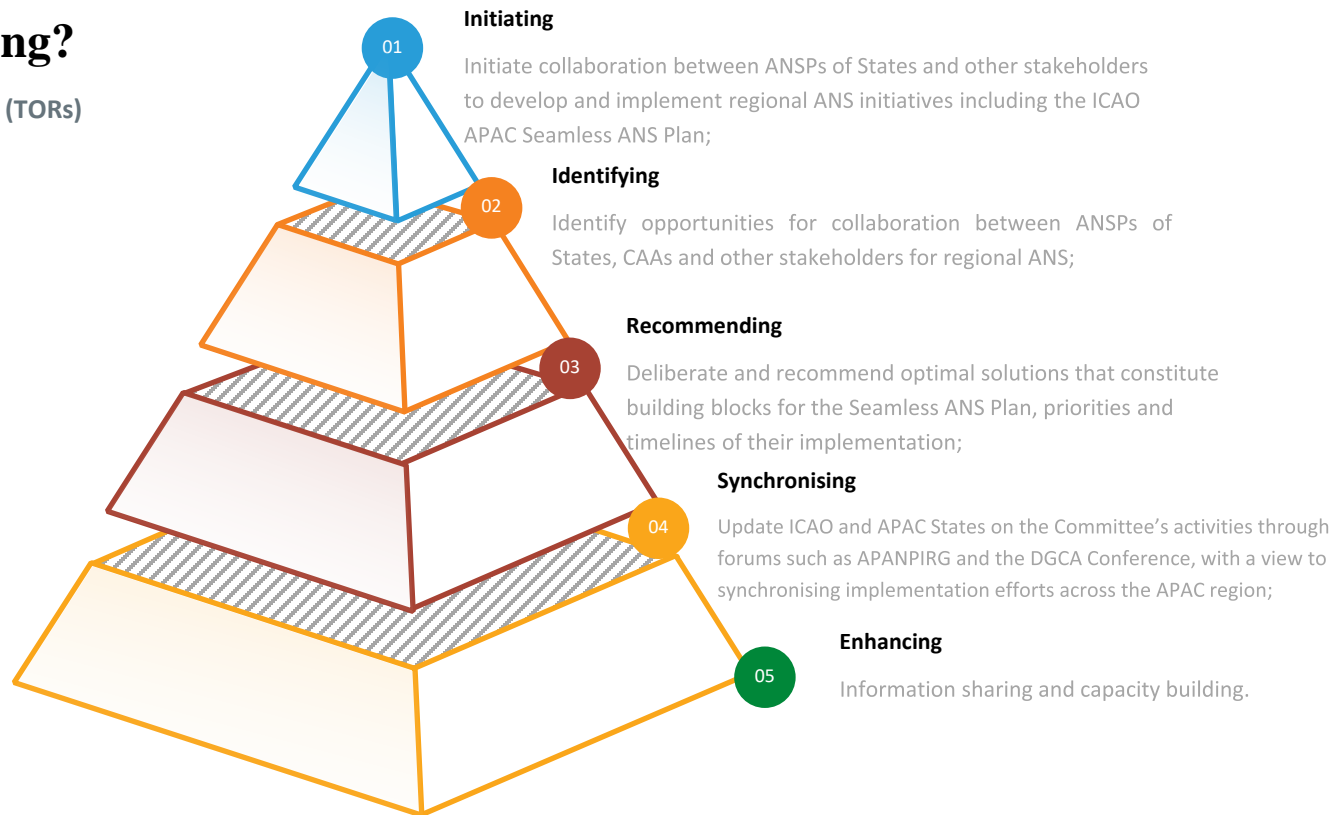
The progress of the work of the AAC has been reported to DGCA58.

Four priorities have been identified with a work stream set up for each priority, namely (1) stepping up investments in ANS capacity and capabilities; (2) accelerating the implementation of seamless ANS and enhancing ANS sustainability; (3) collaborating on business continuity and contingency planning; and (4) supporting the operations of oceanic ANSPs. Tasks definition is complete, and work is being carried out to achieve the deliverables. States/Administrations are urged to support their ANSPs to actively participate in the work of the APAC ANSP Committee.



What are we doing?

The key **Terms of Reference (TORs)** adopted by the APAC ANSP Committee are as follows:



Work Undertaken by APAC ANSP Committee

17 – 18 April 2023

The APAC ANSP Committee held its **inaugural meeting** on 17 – 18 April 2023 in **Bangkok, Thailand** and was attended by 20 APAC ANSPs, CANSO and IATA.

Australia, Brunei Darussalam, Cambodia, China, Hong Kong China, MACAO China, France, Indonesia, Japan, LAO PDR, Malaysia, Maldives, Mongolia, Papua New Guinea, Philippines, ROK, Singapore, Thailand, USA, Viet Nam joined.

July 2022

The 57th DGCA Conference held in Incheon, Republic of Korea in July 2022, agreed in its action item 21 to form the AAC.

Set up 4 Work Streams

The inaugural APAC ANSP Committee meeting adopted a framework to organize the work of the Committee into four work streams, each focusing on an area of priority.



6 September 2023

Chair, Vice Chairs, Leads of the work streams and Secretariat held the second virtual meeting.

15 June 2023

Chair, Vice Chairs, Leads of the work streams and Secretariat held the virtual meeting.

22-23 October 2023

The APAC ANSP Committee's Second meeting was held in Singapore.

India, Pakistan, New Zealand and IFATCA joined.





Work Stream 1 —Investment

The first area of priority is “Step up investments in ANS capacity and capabilities and share requirements and best practices in the procurement of ANS systems”. Led by China and Thailand, the planned tasks of Work Stream 1 are as follows:

(a)

Formulate a scheme of collaboration on capacity building and technical assistance among ANSPs;

(b)

Handle capacity building and technical assistance among ANSPs

(c)

Explore new technology in facilitating regional ANS modernization, with the involvement of ATM technology industry;

(d)

Create collaborative platforms in new technology for cross-border trials, to facilitate regional ANS modernization, with the involvement of ATM technology industry;

(e)

Gather ANSPs needs and plans for ANS systems digitalization/modernization and explore the feasibility and requirements;

(f)

Collaborate to organize an APAC Region Innovation and Capacity Building Symposium to build capacity and promulgate innovative technologies for ANS digitalization;

(g)

Encourage ANSPs to share experiences and best practices in ANS systems planning, procurement, implementation, maintenance and whole-life management;

(h)

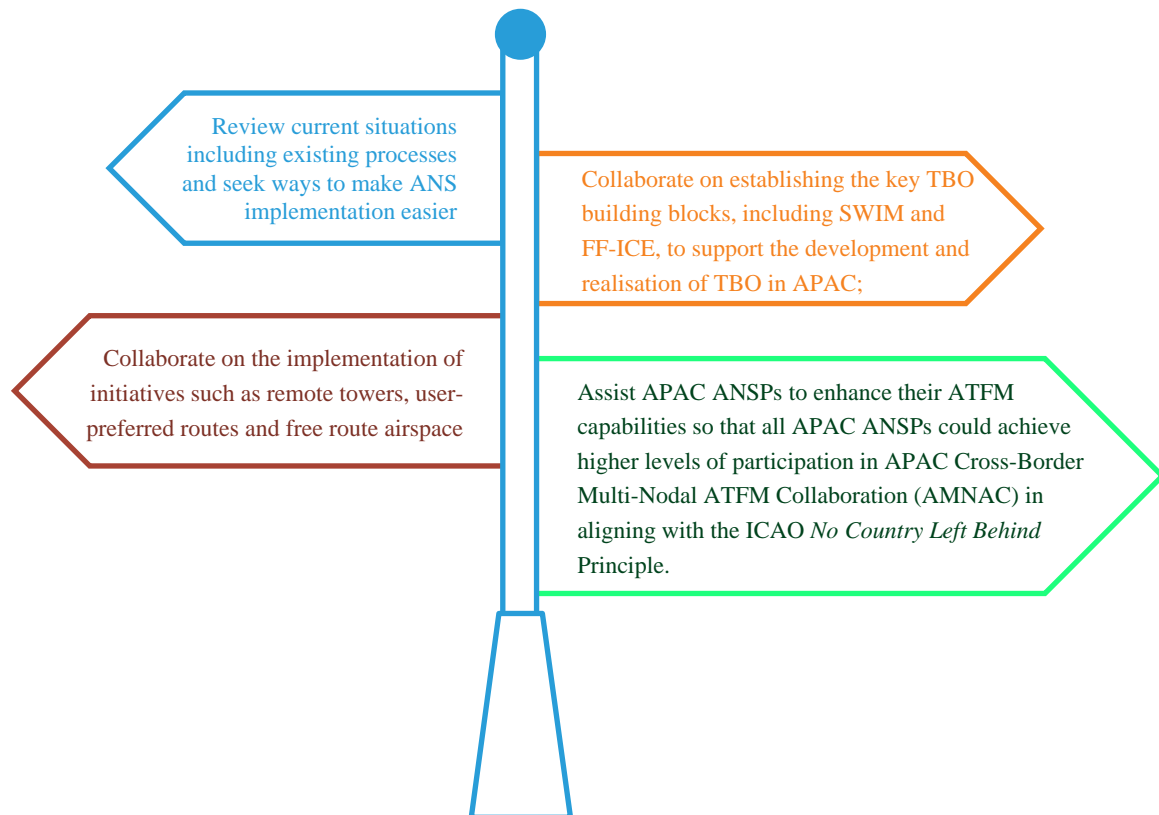
Draft a common ANS system procurement checklist for ANSP consideration in APAC region; and

(i)

Take stock of the guidance materials available from ICAO APAC and CANSO related to ANS systems, and consolidate a library of guidance materials with classification, that could facilitate ANSPs to make reference in their planning, procurement and implementation of ANS systems.

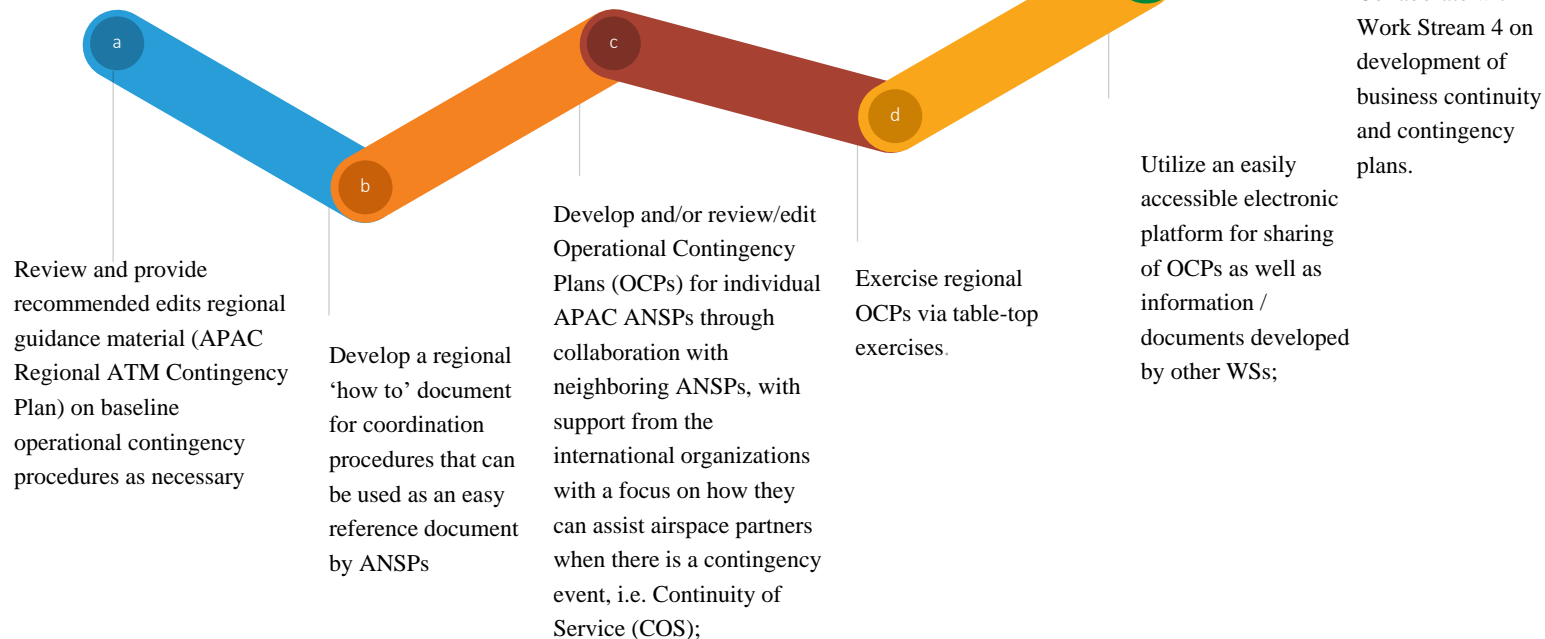
Work Stream 2 —Implement

The second area of priority is “Accelerate the development and implementation of Seamless ANS and collaborate on green initiatives to enhance ANS sustainability”. Led by Hong Kong China, Singapore and Thailand, the planned tasks of Work Stream 2 are as follows:



Work Stream 3 —Contingency

The third area of priority is “**Collaborate on business continuity and contingency planning**”. Led by Japan, Malaysia and USA, the planned tasks of Work Stream 3 are as follows:



Work Stream 4 —Oceanic

The fourth area of priority is “Support the operations of oceanic ANSPs”. Led by France (French Polynesia), Philippines and IATA, the planned task of Work Stream 4 are as follows:



Implement Free Route Trajectory Operations (FRTTO) and/or performance-based navigation (PBN) trajectories;



Implement Continuous Climb and Descent Operations (CCO and CDO);



Develop ATM system interoperability with the objective of establishing a common core oceanic ATM systems' specification for interoperability purposes;



Develop contingency plans amongst ANSPs with the objective of providing the committee with a clear picture of the development of contingency plans throughout APAC oceanic airspaces and defining scheduled contingency plans test dates.

Members of Work Streams of APAC ANSP Committee

Data collected before DGCA/58

Work Steam 1	Work Steam 2	Work Steam 3	Work Steam 4
China (Lead)	Hong Kong China (Lead)	Japan (Lead)	France (French Polynesia) (Lead)
Thailand (Lead)	Singapore (Lead)	Malaysia (Lead)	Philippines (Lead)
Hong Kong China	Thailand (Lead)	USA (Lead)	IATA (Lead)
New Zealand	Cambodia	China	China
Singapore	China	Hong Kong China	Indonesia
CANSO	Indonesia	Indonesia	Japan
	Malaysia	Maldives	New Zealand
	Mongolia	Mongolia	Papua New Guinea
	New Zealand	New Zealand	Singapore
	ACI	Republic of Korea	Thailand
	CANSO	Singapore	USA
	IATA	Thailand	CANSO
		CANSO	
		IFATCA	

INNOVATION



Comments from the DGCA/58:

Action Item 58/47: *Noting the progress of the work of the APAC ANSP Committee, the Conference encouraged States/Administrations to support their ANSPs in contributing towards the work of the APAC ANSP Committee towards the realization of the planned deliverables and encourage their ANSPs to actively participate in the APAC ANSP Committee.*

*NEED FOR ANS TRAINING SUPPORT TO DEAL WITH UPCOMING ATM
INFRASTRUCTURE DEVELOPMENT WITH CNS-ATM AUTOMATION SYSTEM*

By Bangladesh

Comments from the DGCA/58:

Action Item 58/18

- a) Encouraged States/Administrations and industry organisations to continue collaborating and developing new and relevant training programs for ANS Personnel; and
- b) Invited the APAC ANSP Committee (AAC) to consider developing strategies for collaborative support for ANS training.

MEASURES TO IMPROVE CONTINGENCY PREPAREDNESS IN THE REGION

by CANSO and co-sponsored by IATA

Comments from the DGCA/58:

Action Item 58/19

To further support the implementation of ATM contingency planning (DGCA/57 Action Item 57/19), the Conference encouraged States/Administrations to:

- a) Consider the CANSO Operational Information System (OIS) for sharing ATM and other ANS-related contingency information; and
- b) Participate in contingency exercises conducted by the Asia/Pacific ANSP Committee to test contingency information exchange and coordinated contingency responses.

Thank You

