

NARAHG UPDATE



Tenth Meeting of the Asia/Pacific Air Traffic Flow
Management Steering Group(ATFM/SG10)

Video Teleconference 4-8 May 2020

NARAHG CONOPS

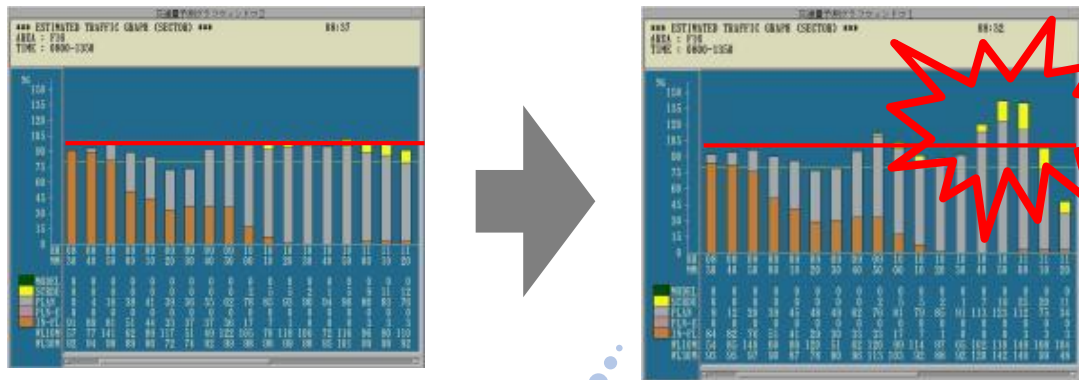
- CONOPS was published at 20 April, 2020. (See Attachment 1)
- It shows the history of establishment, the implementation status of ATFM in each country, the issues within the group, the operational concept, and so on.

Operation Trial for flow control coordination using CDN function

- It was conducted between Shanghai and ATMC in December, 2019.
- Put necessary items into the CDN function and send to upstream ATFMU, then verbal coordination was made to confirm the items.
- We found that the CDN function needs to be upgraded it's notification sound and pop-up MSG.
- It is needed to establish procedure to make smooth, to avoid miss understanding.
- Trial operation is planed in this year again.

Not only within a ATFM group but also between sub-groups, there are the following issues.

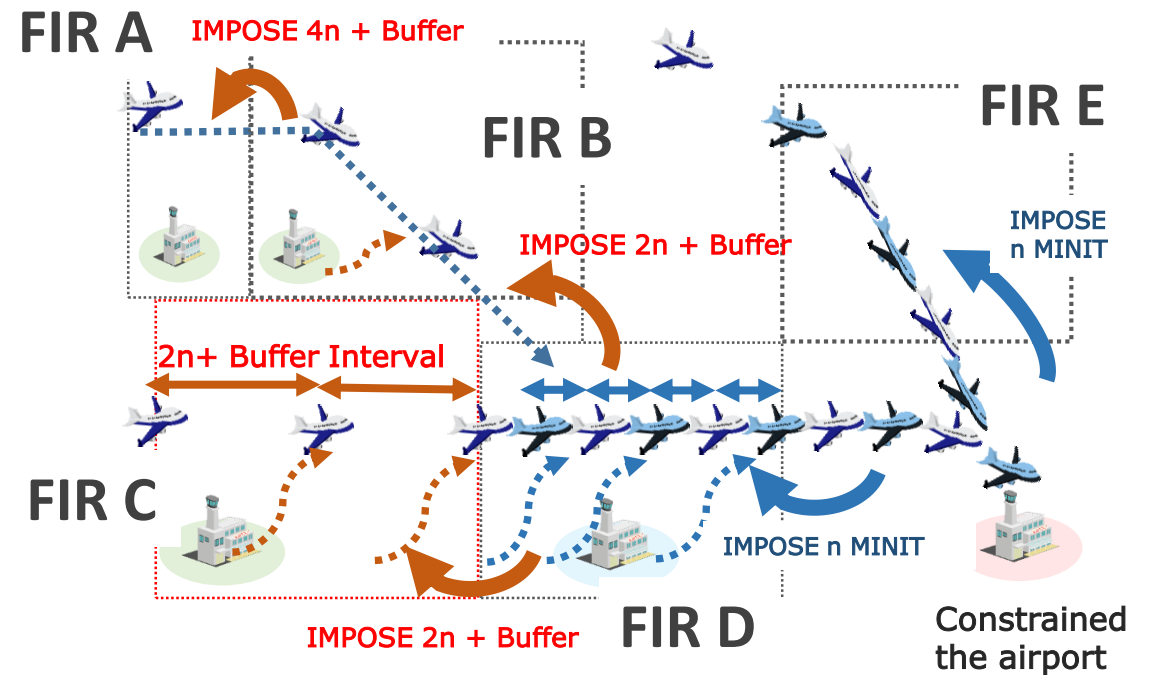
No Sharing Flight Information in real time



30minits later

Difficulty to judge implementation of flow control without accurate traffic demand prediction

MINIT (Route Convergence, Related to multiple FIRs)



Inefficiency airspace usage



As the first steps,

NARAHG started to exchange ADP with the Distributed Multi-Nodal ATFM Network Project.

- JAPAN started in September 2019.
- ROK started in April 2020.
- China will start after the system update is completed.

As the second steps,

Aiming to realize regional interoperability and improve efficiency, Japan and ROK are planning with HKCAD to conduct GDP for HKIA.

- Hong Kong China and Japan have been coordinating operational procedure. It starts before summer.
- ROK is planning to collaborate with Hong Kong China.

As the Further steps in the future,

These are KEYS to enhance ATFM in APAC.

1. Sharing flight information in real time
2. Cross-border time management operation

KEYs for the ATFM enhancement

1. Real time information sharing with system connection brings improvement of traffic demand prediction from now to several hours ahead.
2. Cross-border time management operation makes available to conduct flow control for airport and ACC sector within respective airspace.

NARAHG will work with the other ATFM groups to achieve efficient ATFM.

How should we MOVE FORWARD together the next?

Thank you.

