ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

AGENDA ITEM 6 WP28
ATM Coordination

THE ASIA PACIFIC ATS ROUTE CATALOGUE

Secretariat

ICAO Asia &Pacific Regional Sub-office

INTRODUCTION

- **Updated Asia/Pacific ATS Route Catalogue:**
  - ✓ **Keeps track of current route proposals**
  - ✓ **Recently updated by ICAO APAC Office**
  - ✓ **Information collected from states and airspace users**

DISCUSSION

- **Streamlining ATS Route Updates**
  - ✓ New catalogue focuses on achievable benefits
  - ✓ Archives less achievable routes for later
  - ✓ ANSPs assess if partial benefits are possible
- **ICAO APAC's Role**
  - ✓ Emailed states for route status updates
  - ✓ Incorporated feedback into draft Version 22.2

DISCUSSION

- **Route Progress 2023**
  - ✓ 11 routes discussed: 4 progressed, 5 newly proposed
  - ✓ Remaining routes unchanged
- **Main Achievement: BOB01 Route**
  - ✓ Special meeting on May 11, 2023
  - ✓ Agreement reached with Bangladesh, India, IATA
  - ✓ Bi-directional route saves 55NM, benefits ~110 weekly flights

Action By the Meeting

- **The meeting is invited to :**

  a) **Note the information contained in this paper;**

  b) **Review and update any information in draft Version 22.2 of the ATS Route Catalogue at Attachment A; and**

  c) **Discuss any relevant matters as appropriate.**

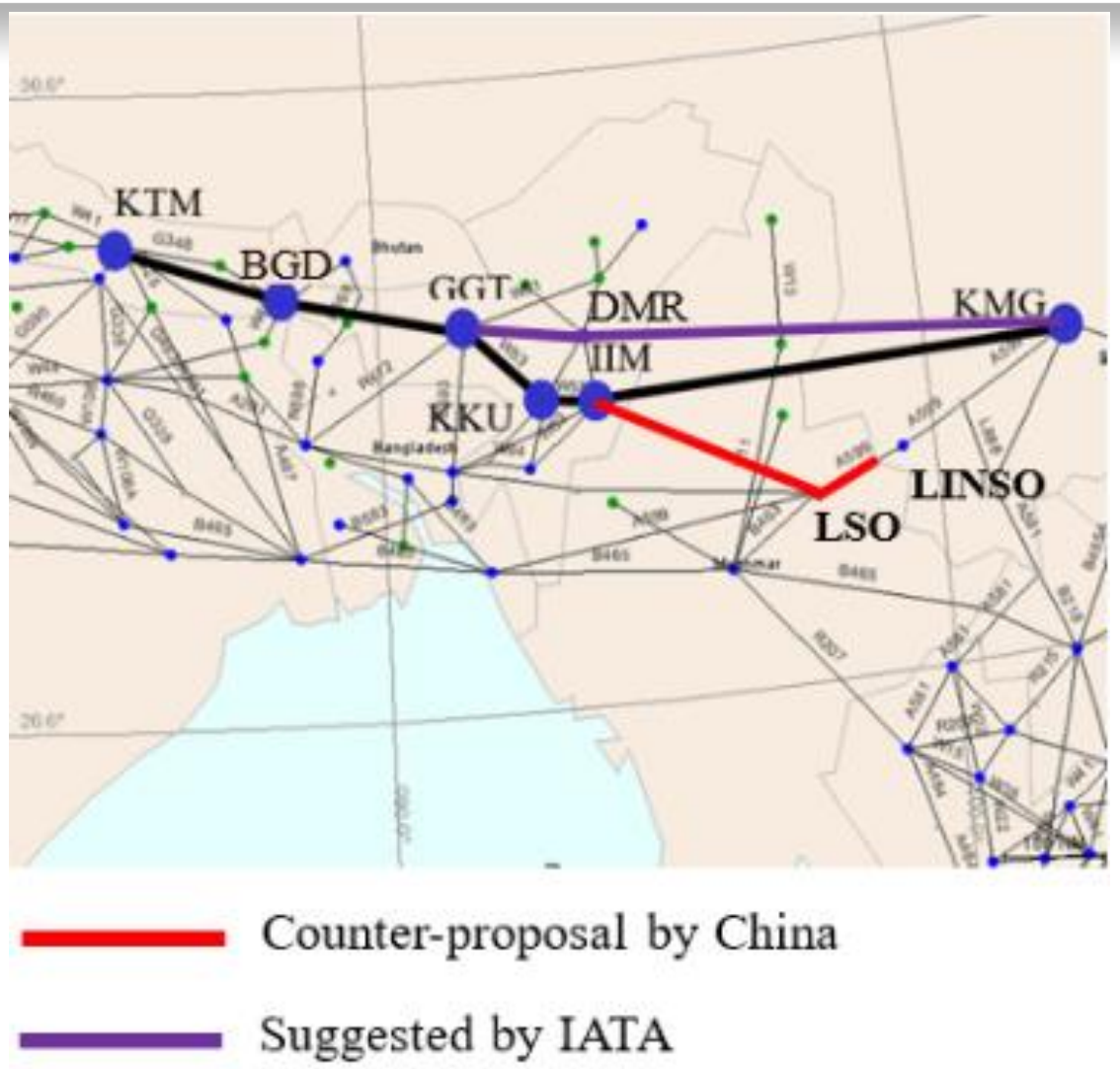
Summary of Working Paper

- **The ICAO Asia and Pacific (APAC) Office updated the Asia/Pacific Region ATS Route Catalogue, now available as Version 22.2.**
  - ✓ **The revision focuses on high-benefit proposals and archives others for future potential.**
  - ✓ **Out of thirty-nine routes discussed this year, eleven were examined, with four progressing, five newly introduced, and others remaining unchanged.**
- **A highlight is the consensus on establishment of the BOB01 Route in the Bay of Bengal, conserving about 55NM and benefitting approximately 110 weekly flights.**

Attachment A (ATS route catalogue)

Chapter 1 : South Asia

ATS Route Name	HIMALAYA 02
State Priority	D
IATA Priority	HIGH
Requested by (when)	Nepal (01/09/2018)
States/Admin' Involved	Nepal, India, Myanmar, China (Kathmandu, Kolkata, Yangon, Kunming FIR's)
Remarks :	



HIMALAYA 02

- At SAIOSEACG/2
  - Nepal's Stance insists on initial proposal if IATA's not acceptable
    - ✓ They will continue talks with relevant states.
    - ✓ IATA supports Nepal's position.
  - Bangladesh's Request
    - ✓ Asks IATA to reconsider KTM-SDP-SYT-IIM segment
    - ✓ Cites FMS load concerns for track change

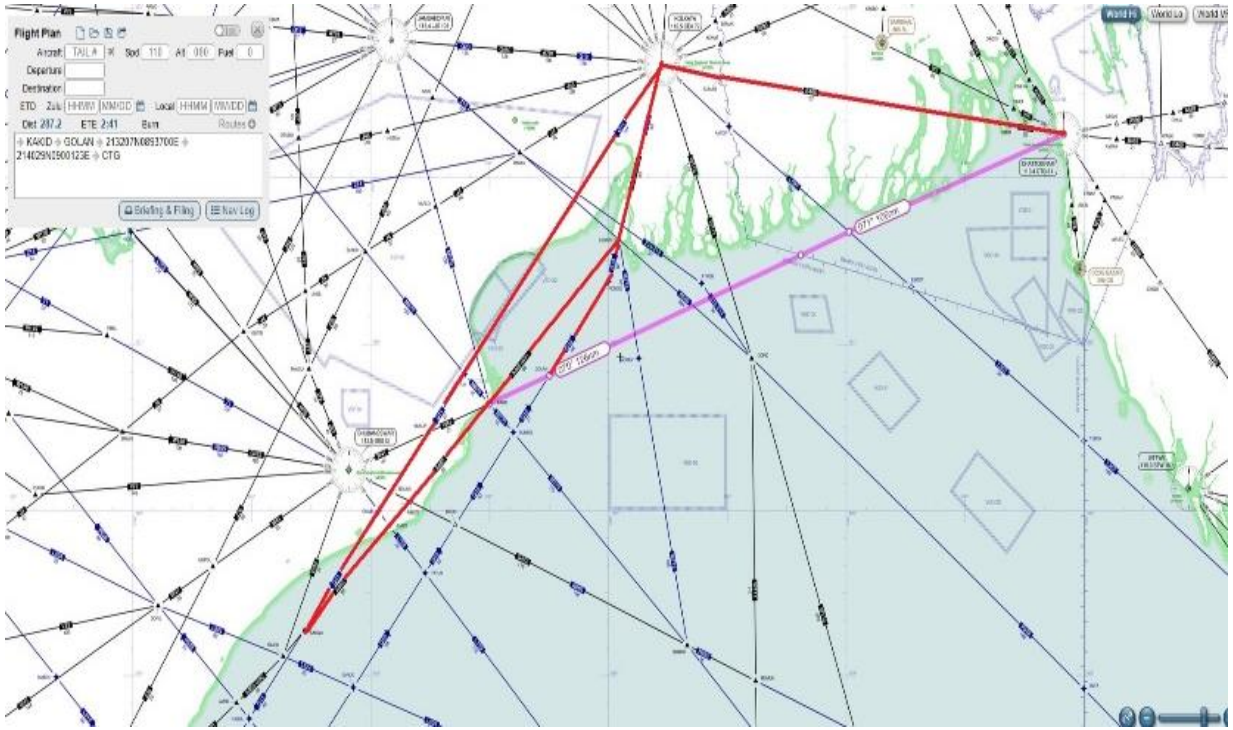
HIMALAYA 02

- At SAIOSEACG/2
  - Myanmar's Disagreement
    - ✓ Opposes IIM–LSO–LINSO road segment
  - China's Comment
    - ✓ No plans for new entry/exit points
  - India's Suggestion to Nepal
    - ✓ Urges re-evaluation of unchanged 15-year proposal
    - ✓ Nepal willing to consider and present a working paper

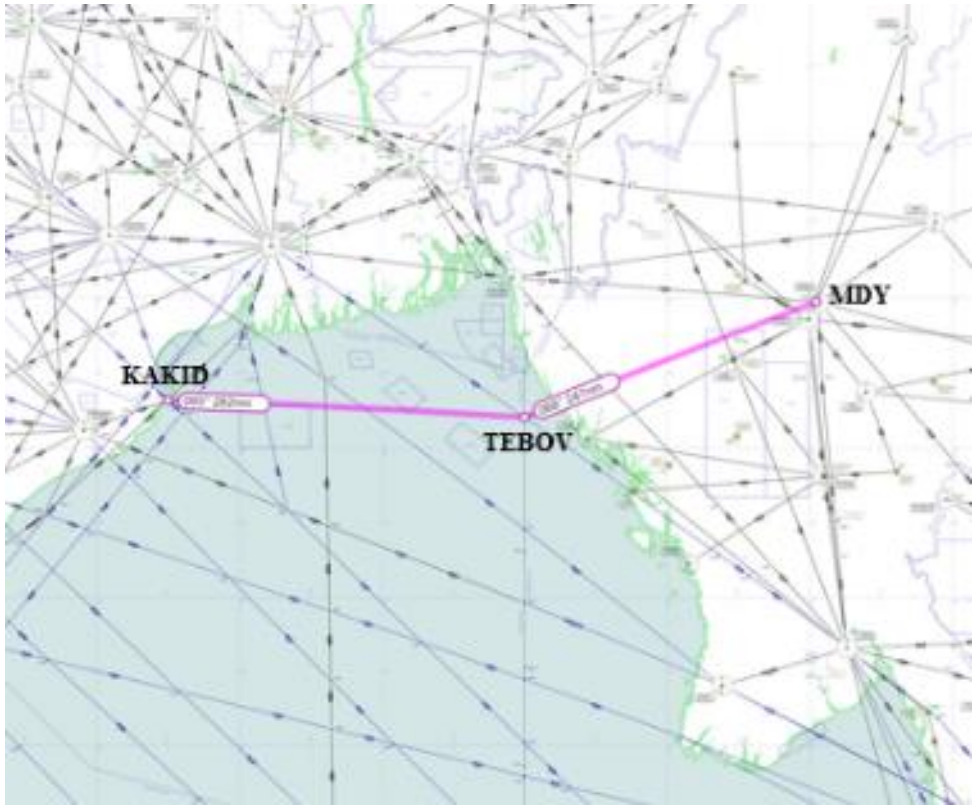
ATS Route Name	BOB 01
State Priority	
IATA Priority	HIGH
Requested by (when)	IATA (05/11/2021: ATMSG/9)
States/Admin' Involved	India, Bangladesh, Myanmar (Chennai, Kolkata, Dhaka, Yangon FIR's)
Remarks :	

BOB 01

- Special Coordination Meeting Highlights
  - Hosted by ICAO RSO on May 11, 2023
  - Attendees: Bangladesh, India, IATA
  - Outcome: Formal agreement on BOB01 Route
  - Route: SURUP - KAKID – GOLAN - (WPT1) - (WPT 2) - Chattogram (CTG)
  - Benefits: Saves 55NM, will benefit ~110 weekly flights

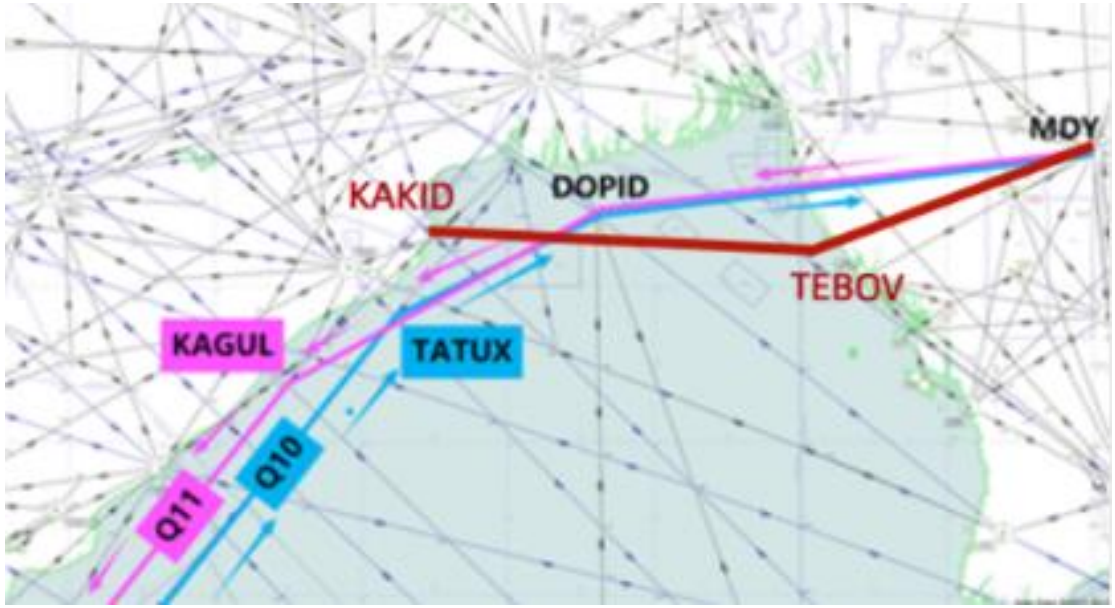


ATS Route Name	BOB 02
State Priority	
IATA Priority	HIGH
Requested by (when)	IATA (05/11/2021: ATMSG/9)
States/Admin' Involved	India, Bangladesh, Myanmar (Kolkata, Yangon FIR's)
Remarks :	



BOB 02

- The SAIOSEACG/2 agreed that BOB02 be retained in the route catalogue.

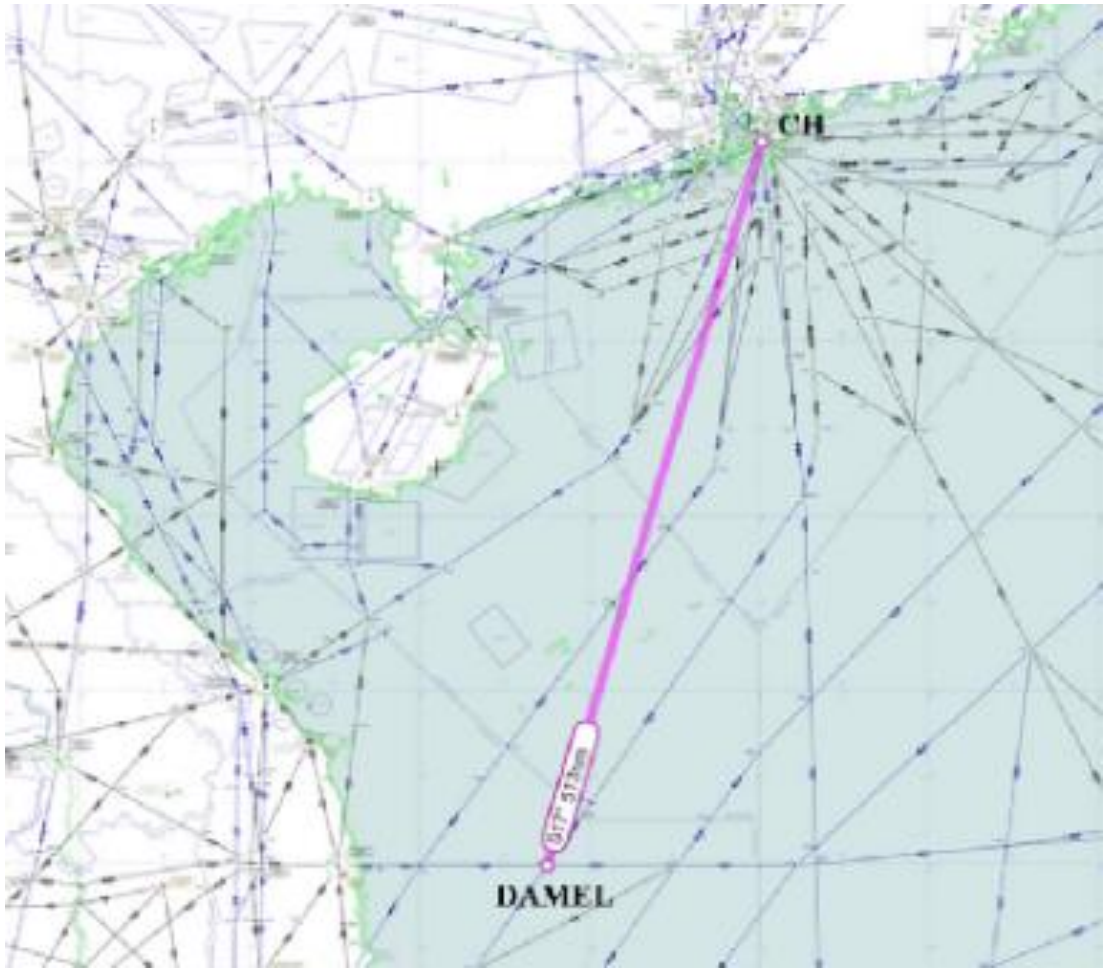


Possible route overflies VGD-31(permanently removed)

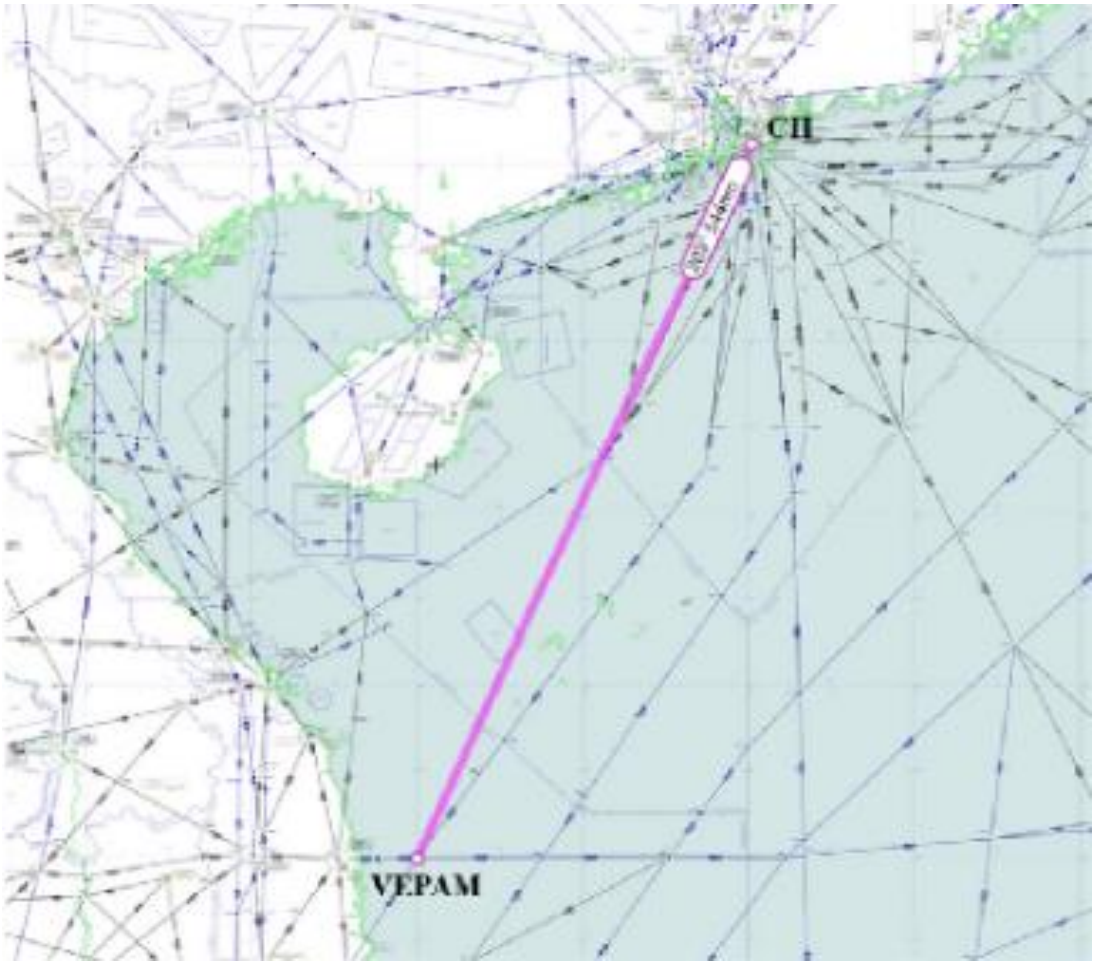
Attachment A (ATS route catalogue)

Chapter 2 : Southeast Asia

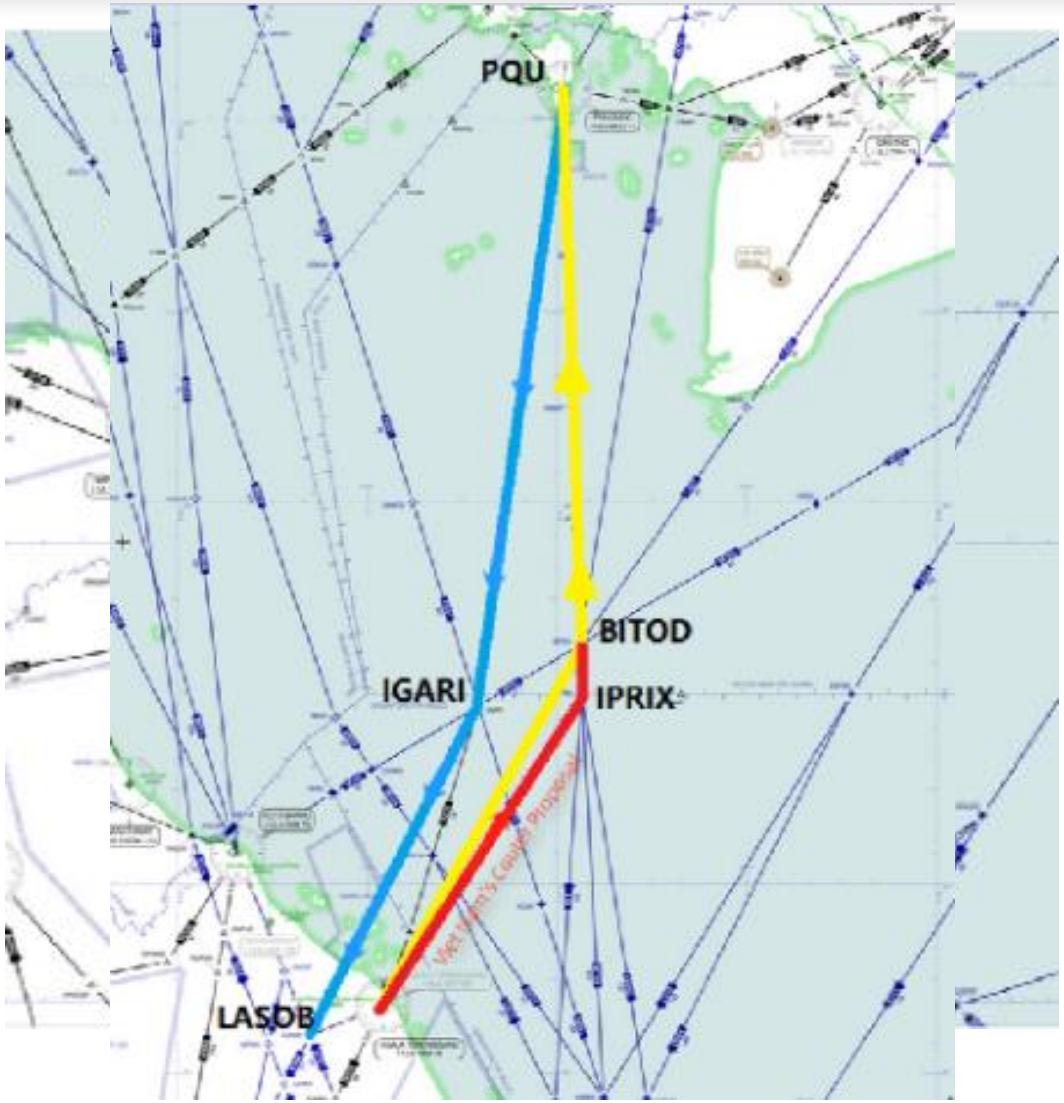
ATS Route Name	SCS 01
State Priority	D
IATA Priority	HIGH
Requested by (when)	IATA (01/09/2018)
States/Admin' Involved	Viet Nam, China, Hong Kong China (Ho Chi Minh, Sanya, Hong Kong FIR's)
Remarks :	



ATS Route Name	SCS 02
State Priority	D
IATA Priority	HIGH
Requested by (when)	IATA (01/09/2018)
States/Admin' Involved	Viet Nam, China, Hong Kong China (Ho Chi Minh, Sanya, Hong Kong FIR's)
Remarks :	

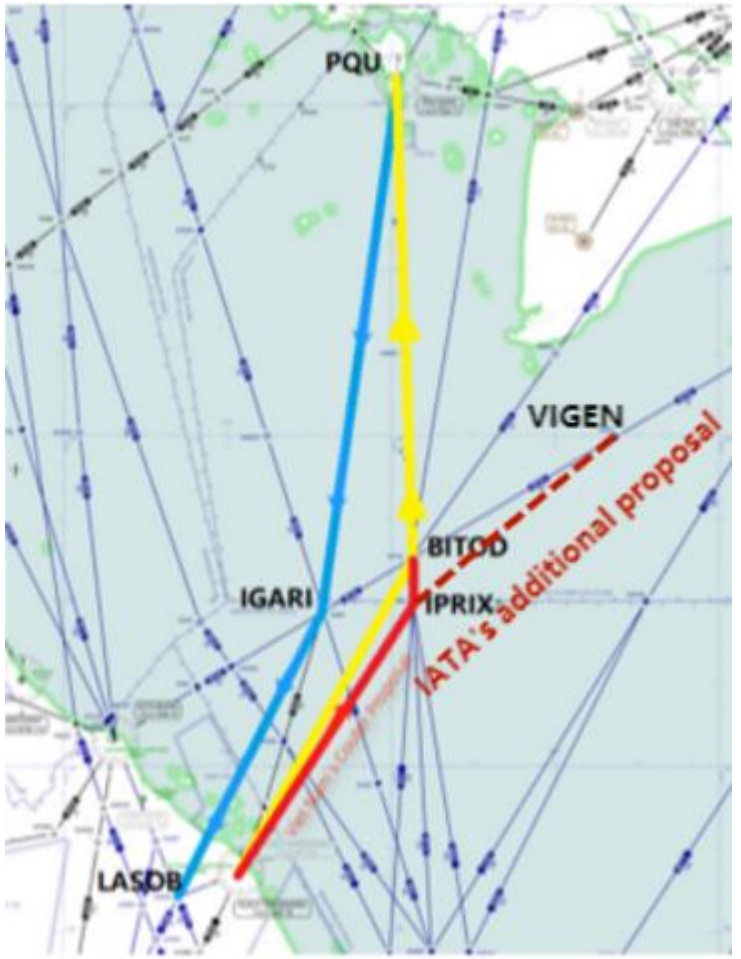


ATS Route Name	SCS 11
State Priority	B
IATA Priority	LOW
Requested by (when)	IATA (10/03/2015: SEACG/22)
States/Admin' Involved	Viet Nam, Singapore, Malaysia (Ho Chi Minh, Singapore, Kuala Lumpur FIR's)
Remarks :	

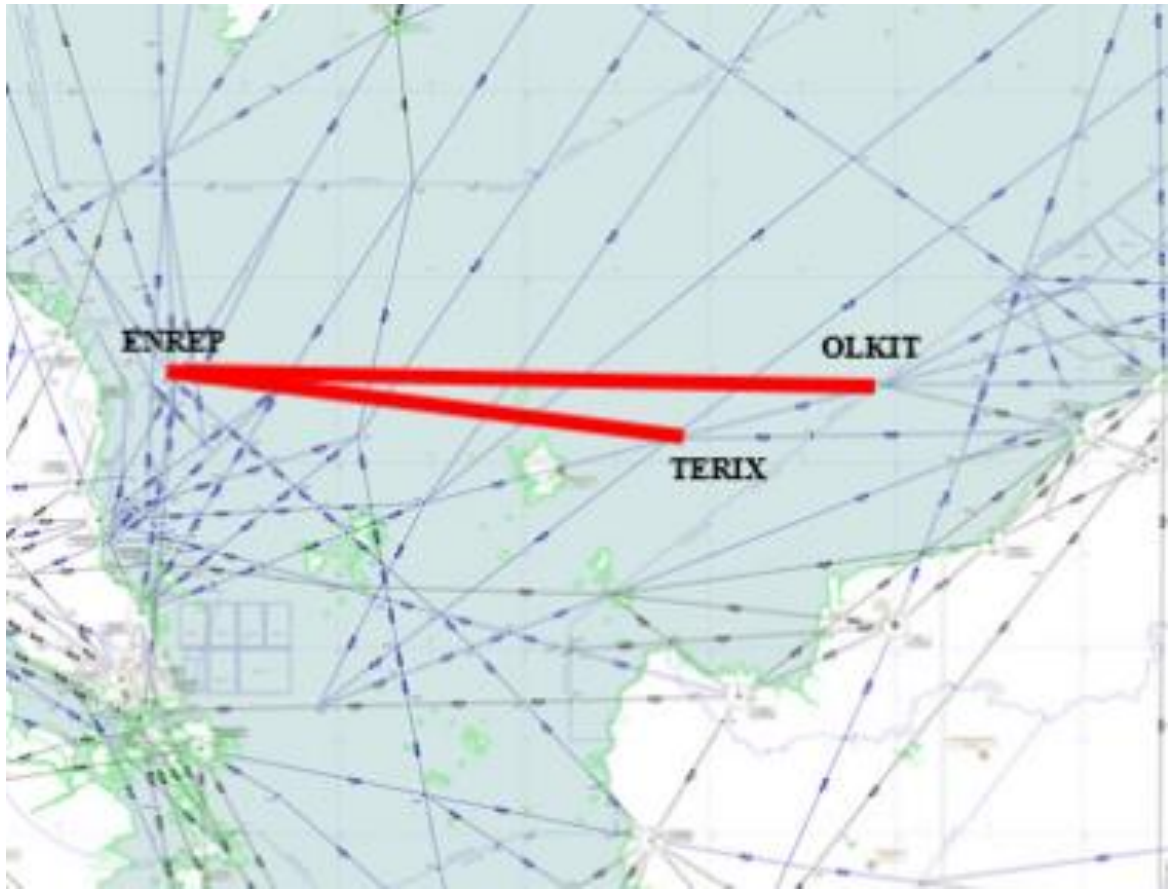


SCS 11

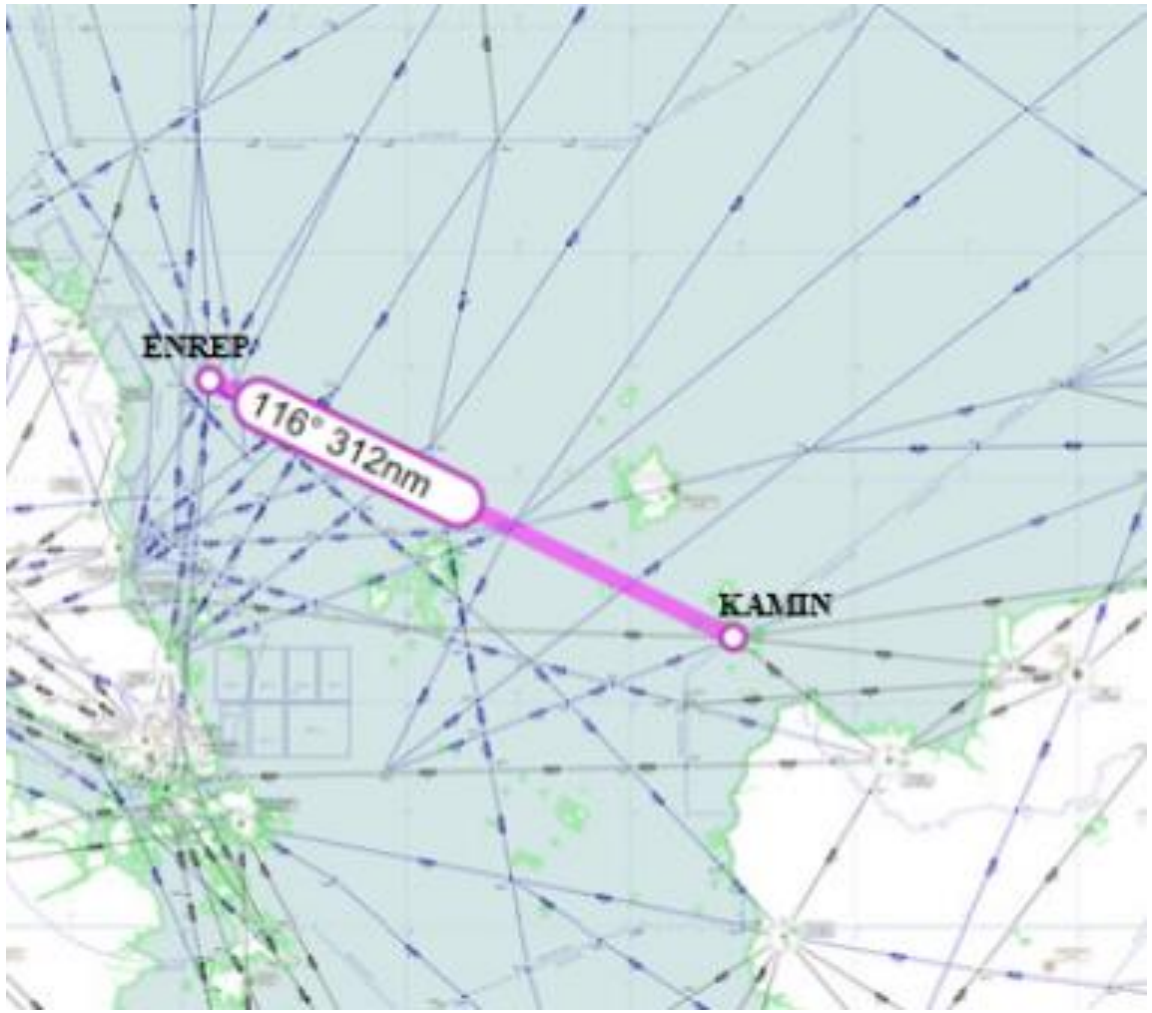
- SCSTFRG/11 Meeting Update on Viet Nam's Input
  - Meeting Date: 28 July 2022
  - Involved: Malaysia, Viet Nam, Singapore
  - Main Focus: New ATS Route, led by IATA
  - Viet Nam's Proposal: Minor tweak, switch VKR–BITOD to VKR–IPRIX
  - Additional Suggestion: Adopt RNAV 2/RNP 2 for both routes
  - Timeline: Pending Malaysia & Singapore's decision



ATS Route Name	SCS 14
State Priority	B
IATA Priority	LOW
Requested by (when)	Malaysia (26/03/2018: SAIOACG/8 & SEACG/25)
States/Admin' Involved	Malaysia, Singapore (Kota Kinabalu, Singapore FIR's)
Remarks :	

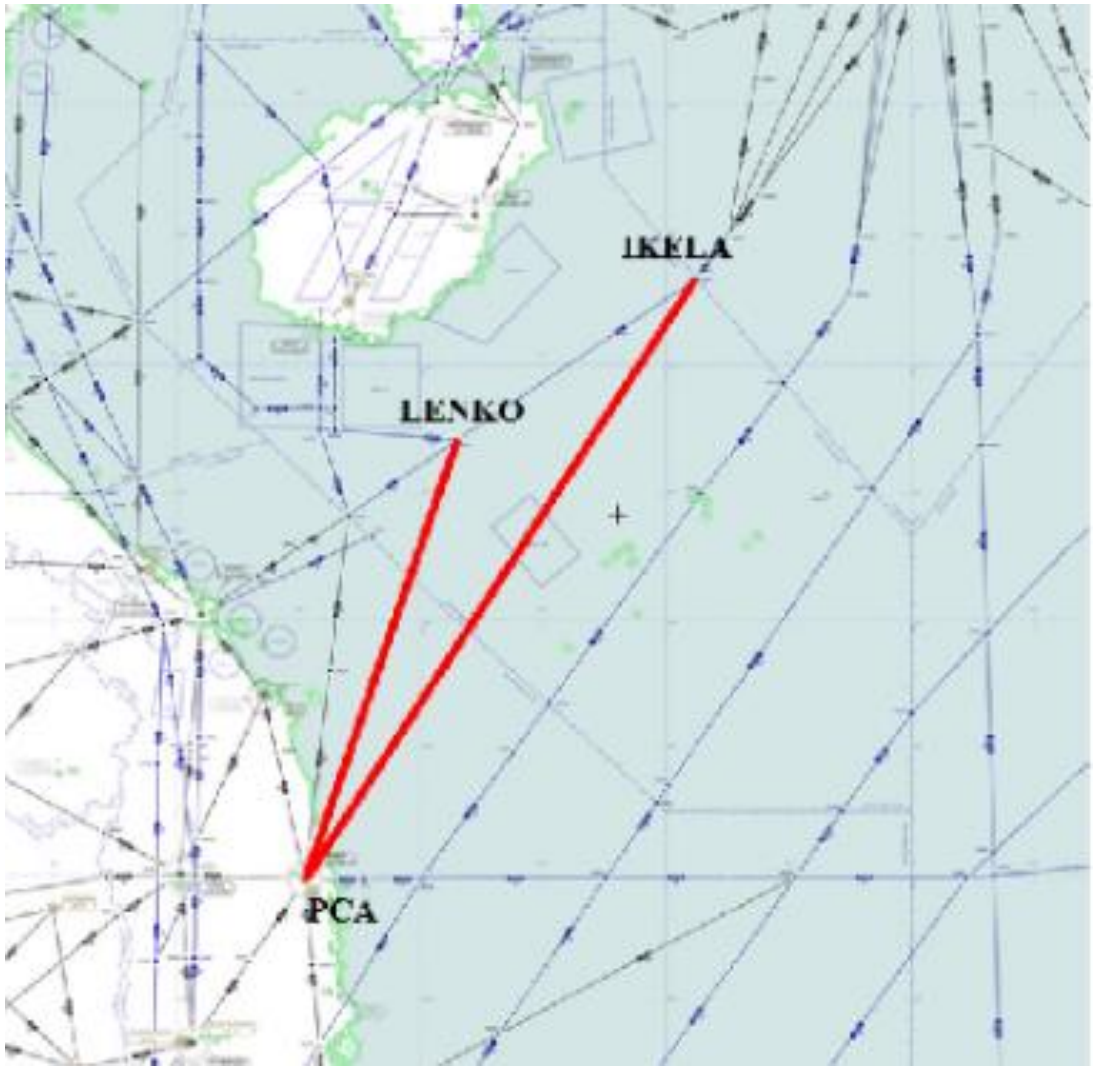


ATS Route Name	SCS 15
State Priority	B
IATA Priority	LOW
Requested by (when)	Malaysia (26/03/2018: SAIOACG/8 & SEACG/25)
States/Admin' Involved	Malaysia, Singapore (Kota Kinabalu, Singapore FIR's)
Remarks :	



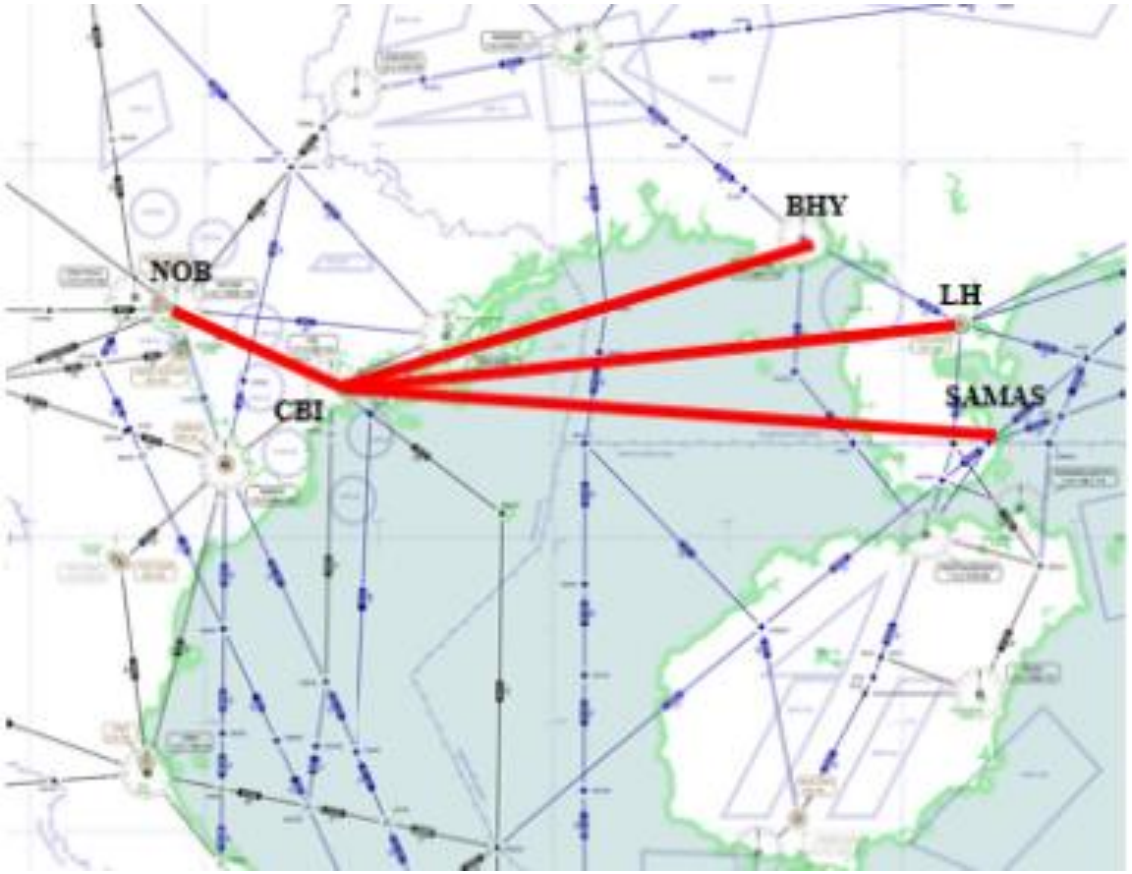
ATS Route Name	SCS 16
State Priority	C
IATA Priority	MEDIUM
Requested by (when)	Viet Nam (01/04/2019: SEACG/26)
States/Admin' Involved	Singapore, Viet Nam (Singapore, Ho Chi Minh FIR's)
Remarks :	

ATS Route Name	SCS 18
State Priority	C
IATA Priority	LOW
Requested by (when)	Viet Nam (01/04/2019: SEACG/26)
States/Admin' Involved	Viet Nam, China, Hong Kong China (Ho Chi Minh, Sanya, Hong Kong FIR's)
Remarks :	



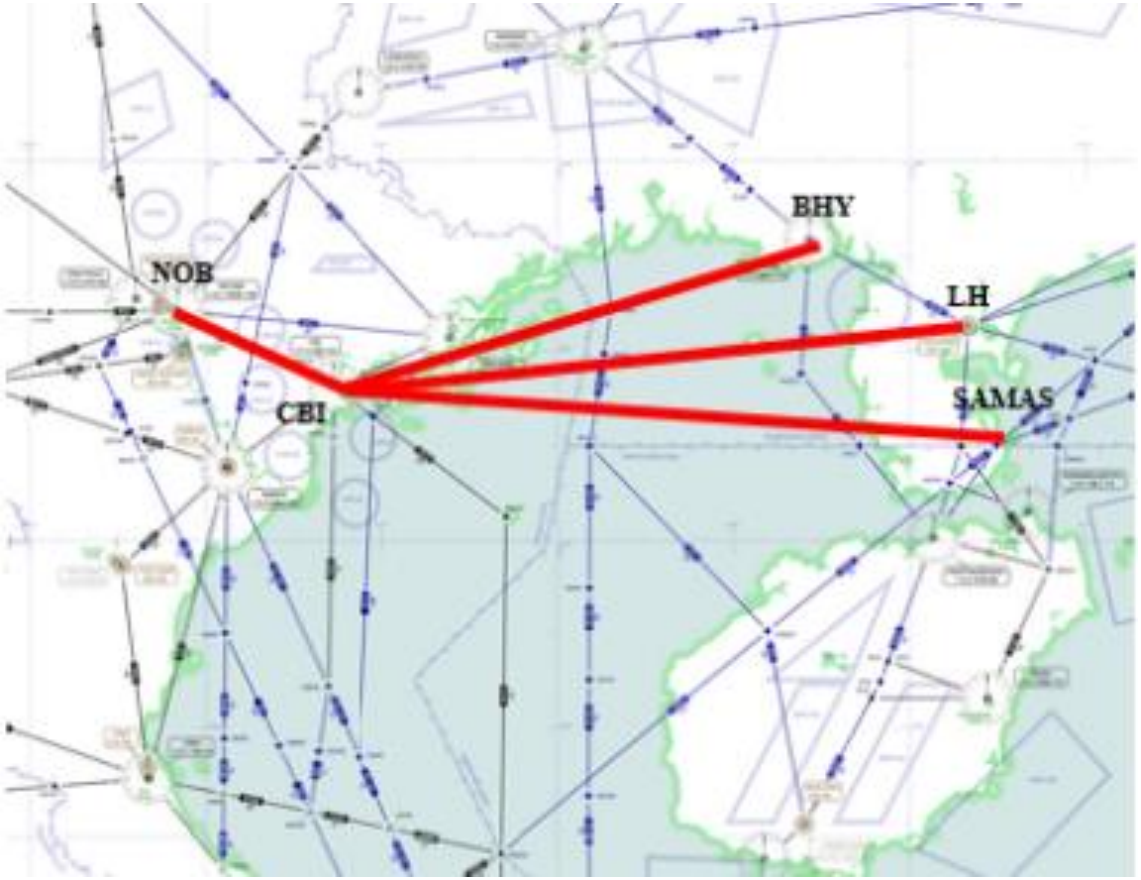
ATS Route Name	SEA 12
State Priority	C
IATA Priority	HIGH
Requested by (when)	IATA (01/09/2018)
States/Admin' Involved	Thailand, Lao PDR, Viet Nam, China (Bangkok, Vientiane, Hanoi, Sanya, Guangzhou FIR's)
Remarks :	

ATS Route Name	VIET NAM 02
State Priority	D
IATA Priority	HIGH
Requested by (when)	Viet Nam (01/09/2018)
States/Admin' Involved	Viet Nam, China (Hanoi, Sanya, Guangzhou FIR's)
Remarks :	

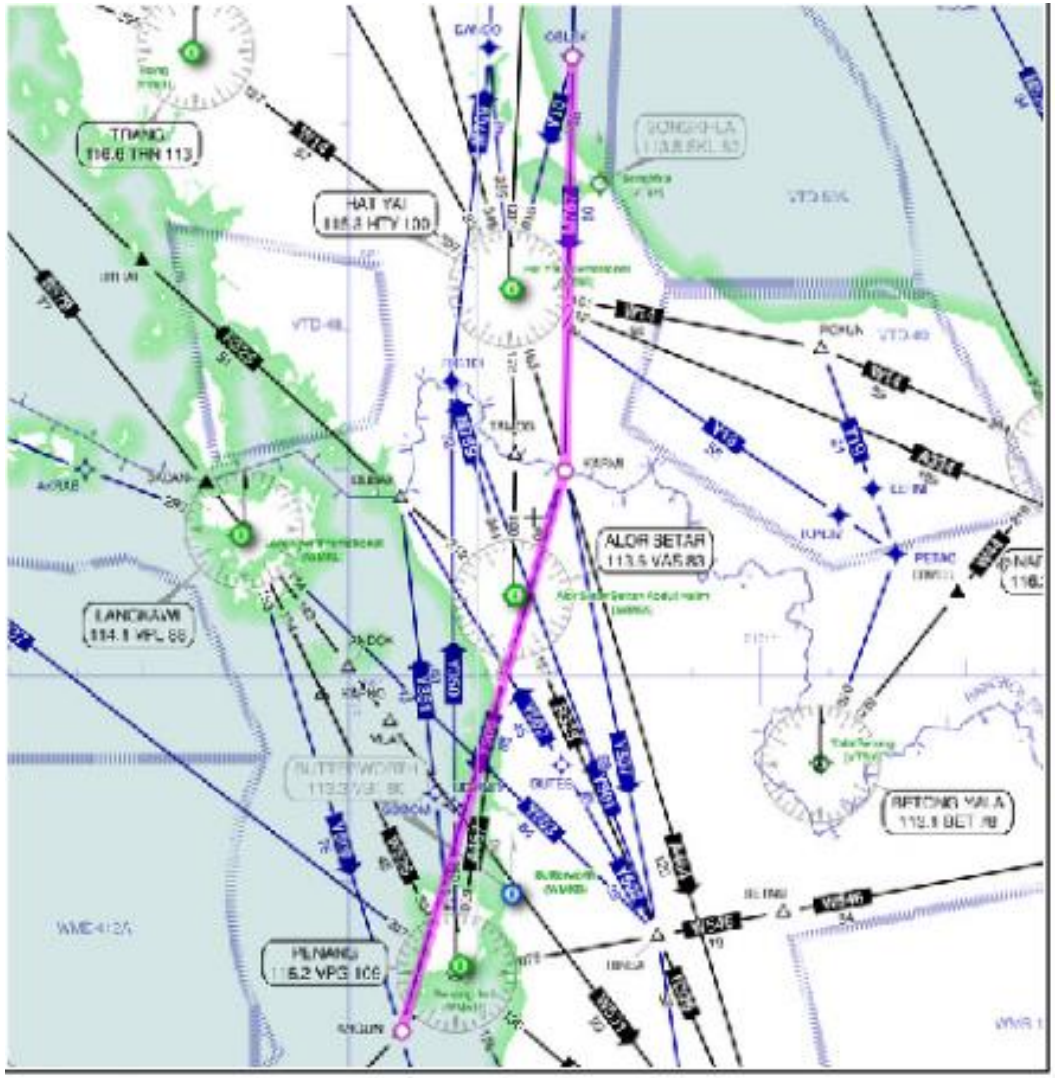


VIET NAM 02

- SCSTFRG/11 Update on Viet Nam & China's Route Proposal
  - Viet Nam's Wish: Keep this route in APAC Catalogue
  - IATA's Stance: Supports Viet Nam's proposal
  - China's Response: Will re-evaluate the route internally
  - Next Steps: Upcoming bilateral meeting between China and Viet Nam

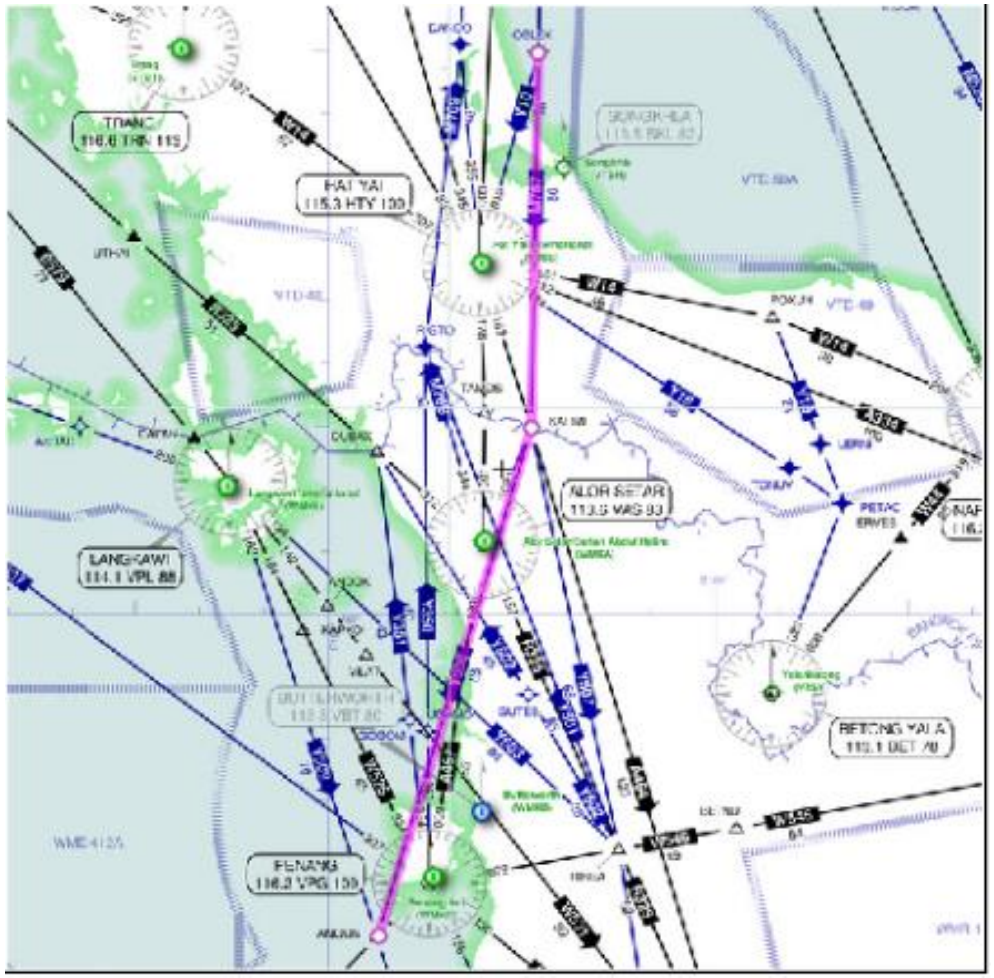


ATS Route Name	SCS 19
State Priority	A
IATA Priority	HIGH/MEDIUM/LOW
Requested by (when)	Malaysia (20/Mar/2023)
States/Admin' Involved	Malaysia, Thailand
Remarks :	

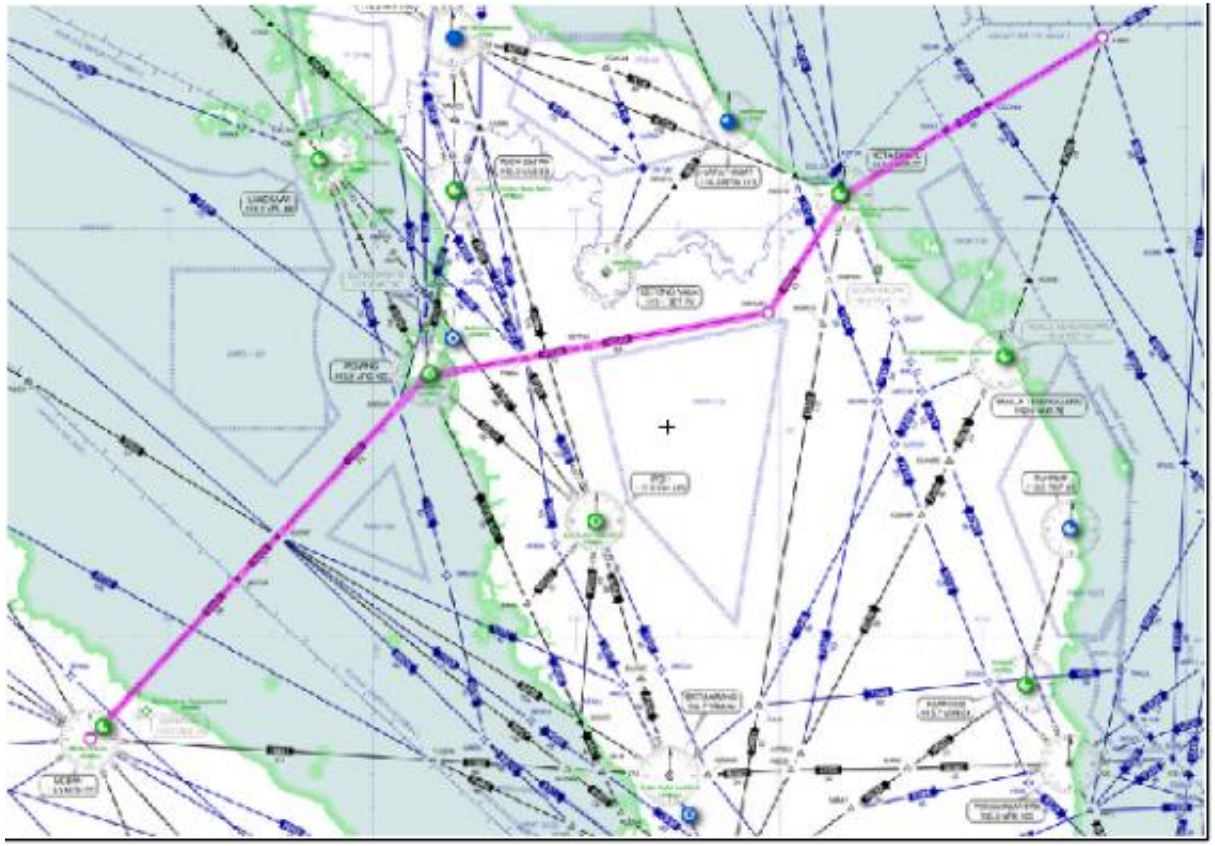


SCS 19

- At SAIOSEACG/2, Thailand indicated its full support for the extension of M757.

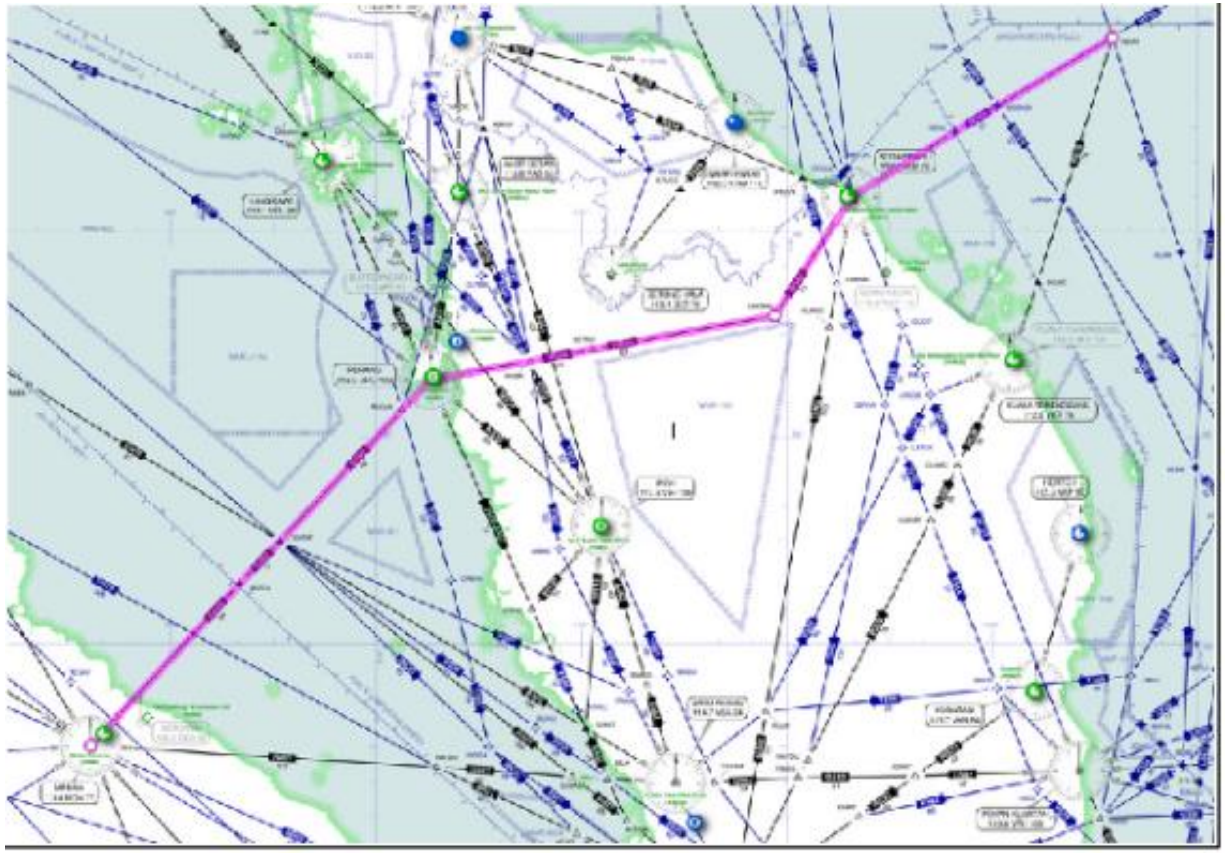


ATS Route Name	SCS 20
State Priority	B
IATA Priority	HIGH/MEDIUM/LOW
Requested by (when)	Malaysia (20/Mar/2023)
States/Admin' Involved	Malaysia, Singapore, Indonesia, Viet Nam
Remarks :	

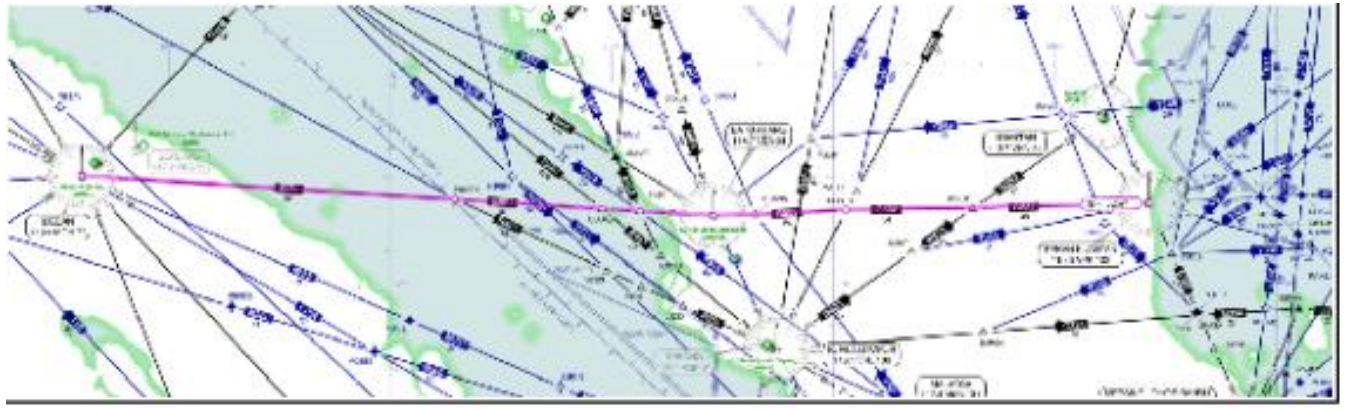


SCS 20

- At SAIOSEACG/2, Indonesia expressed its favourable consideration on this proposal, further assessment was needed.

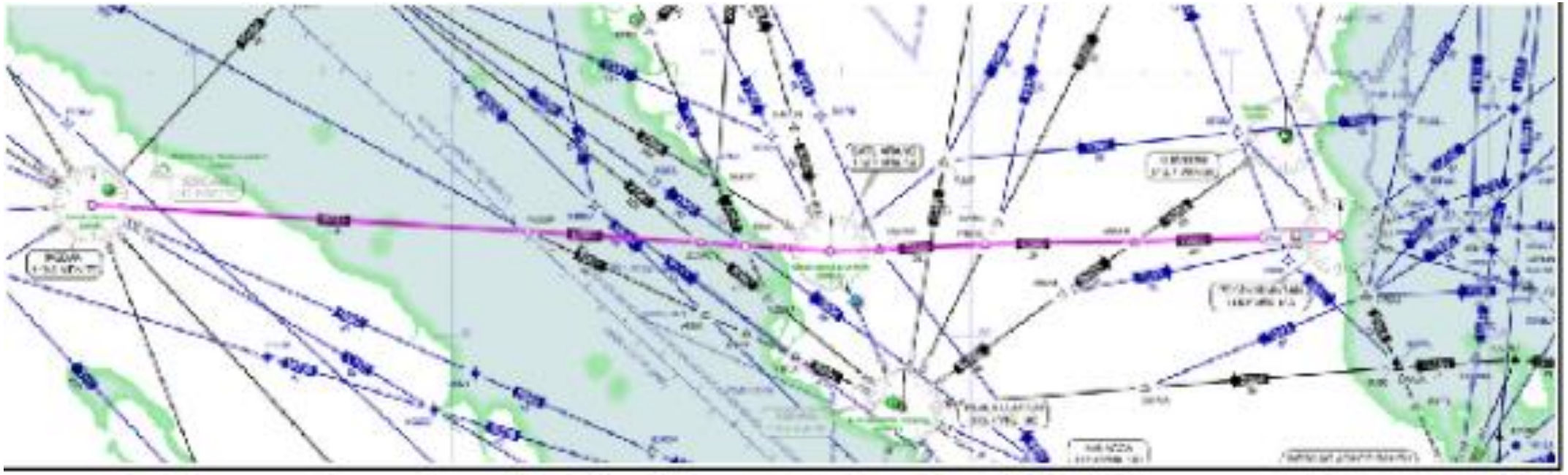


ATS Route Name	SCS 21
State Priority	B
IATA Priority	HIGH/MEDIUM/LOW
Requested by (when)	Malaysia (20/Mar/2023)
States/Admin' Involved	Malaysia, Singapore, Indonesia
Remarks :	

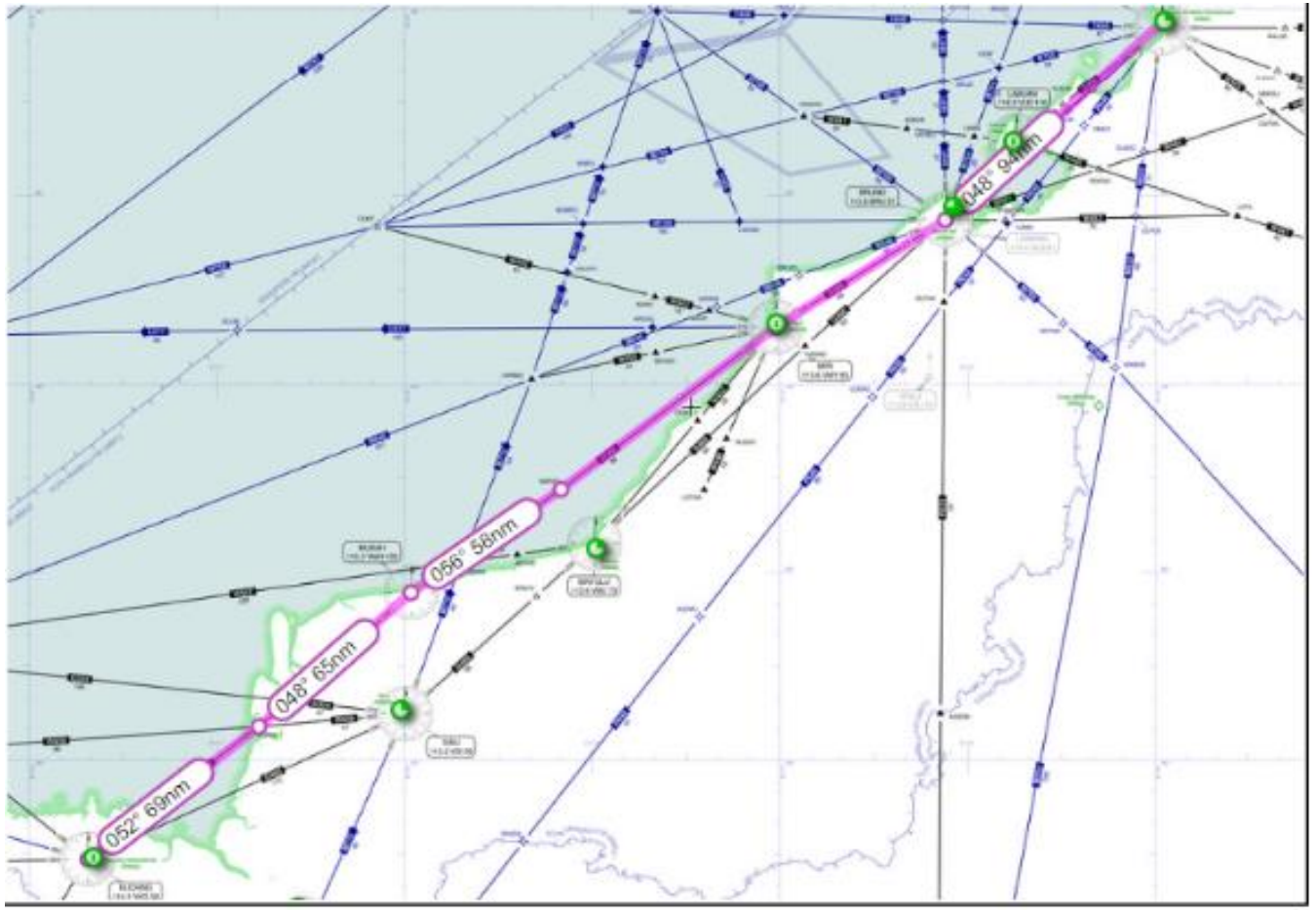


SCS 21

- At SAIOSEACG/2, Indonesia expressed its favourable consideration on this proposal, further assessment was needed.

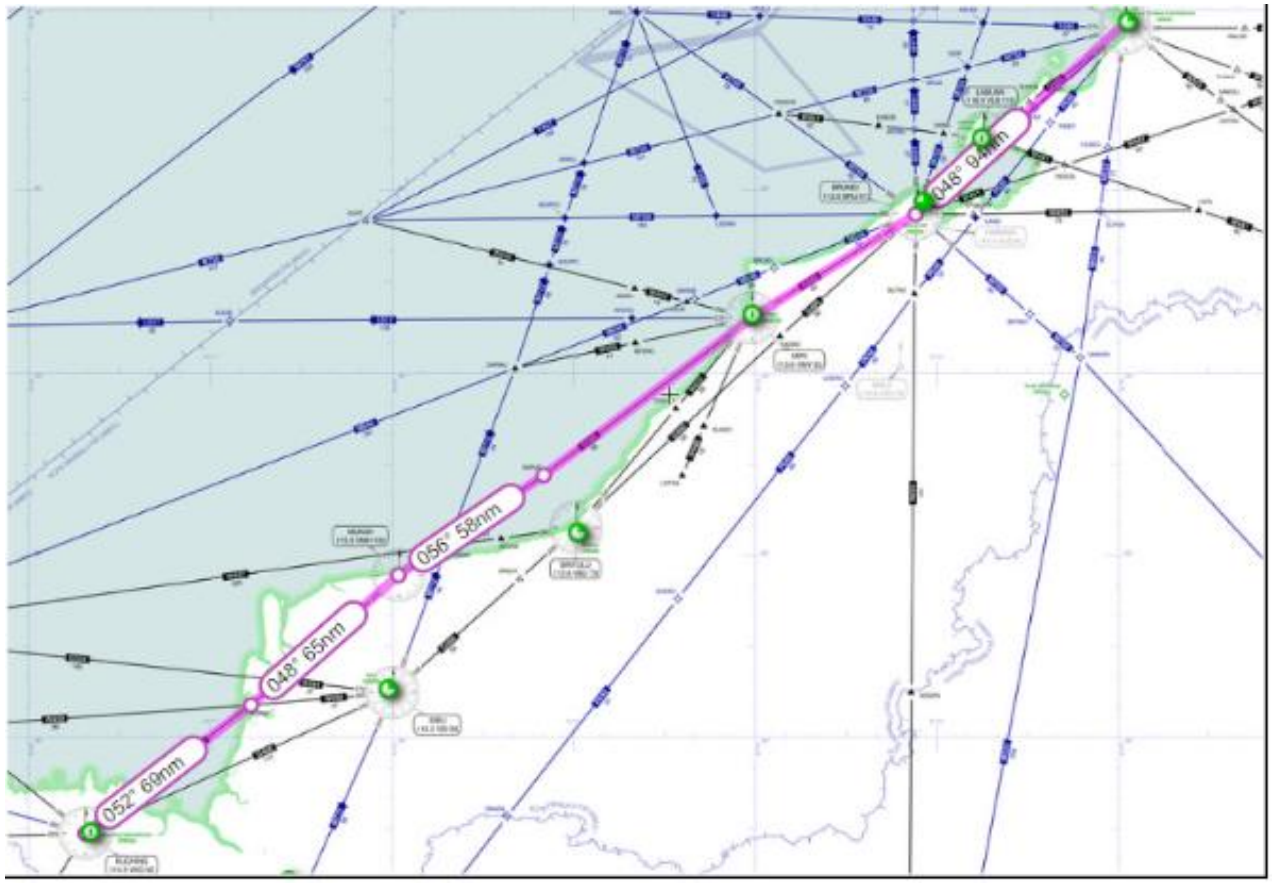


ATS Route Name	SCS 22
State Priority	B
IATA Priority	HIGH/MEDIUM/LOW
Requested by (when)	Malaysia (20/Mar/2023)
States/Admin' Involved	Malaysia, Singapore, Indonesia
Remarks :	

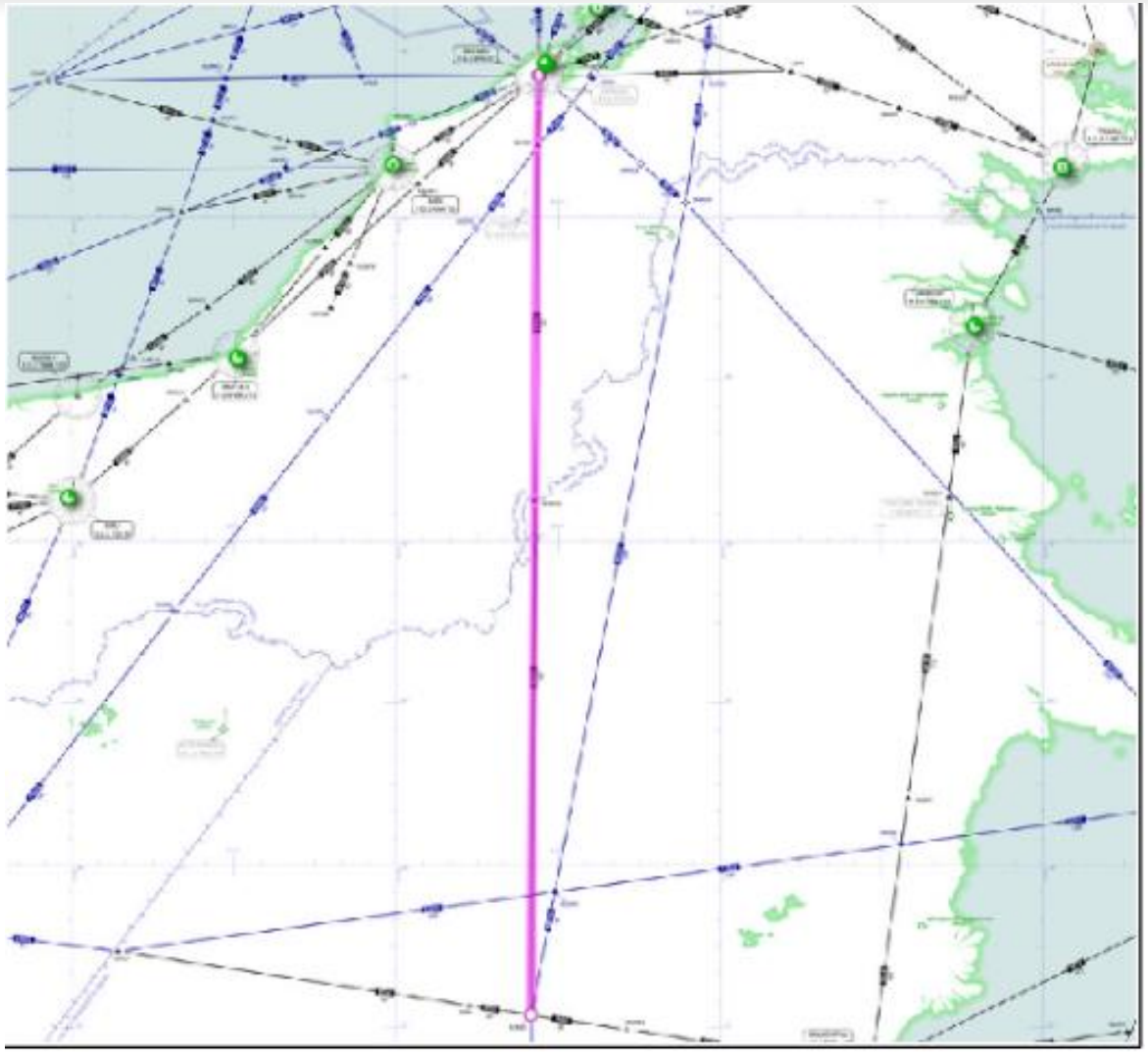


SCS 22

- At SAIOSEACG/2, Indonesia expressed its favourable consideration on this proposal, further assessment was needed.



ATS Route Name	SCS 23
State Priority	B
IATA Priority	HIGH/MEDIUM/LOW
Requested by (when)	Malaysia (20/Mar/2023)
States/Admin' Involved	Malaysia, Singapore, Indonesia
Remarks :	



ATS Route Name	MEKONG 01
State Priority	B
IATA Priority	MEDIUM
Requested by (when)	Thailand / Viet Nam (21/Mar/2023)
States/Admin' Involved	Thailand, Lao PDR, Viet Nam (Bangkok, Vientiane, Hanoi FIR's)
Remarks :	

MEKONG 01

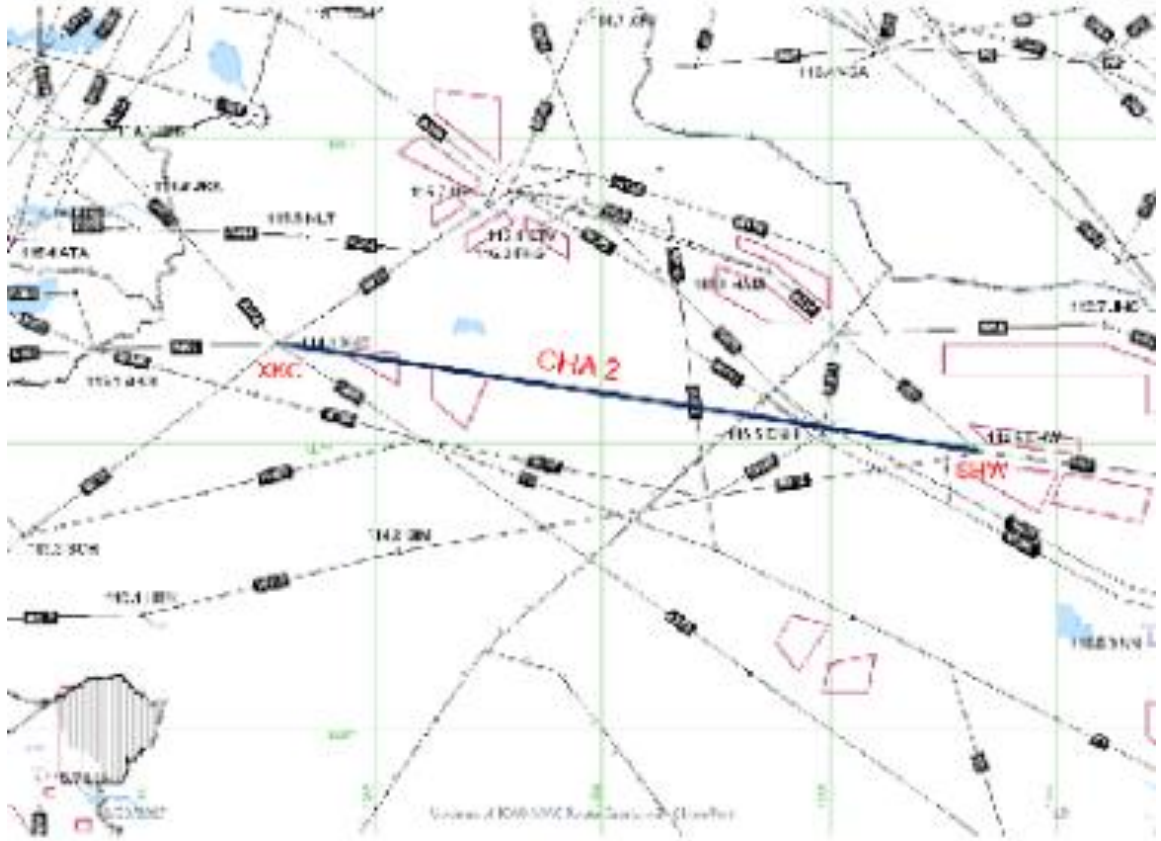
- SAIOSEACG/2 Update on Conditional Route (CDR) Proposal"
  - Proposed as CDR: Aimed to foster Mekong states' coordination
  - Route Availability: Depends on civil-military talks
  - Viet Nam's Stance: Supports the route and plans alignment within Hanoi FIR
  - Approval Status: In progress, expected to complete soon
  - Next Steps: Suggested tripartite meeting for further discussion

Attachment A (ATS route catalogue)

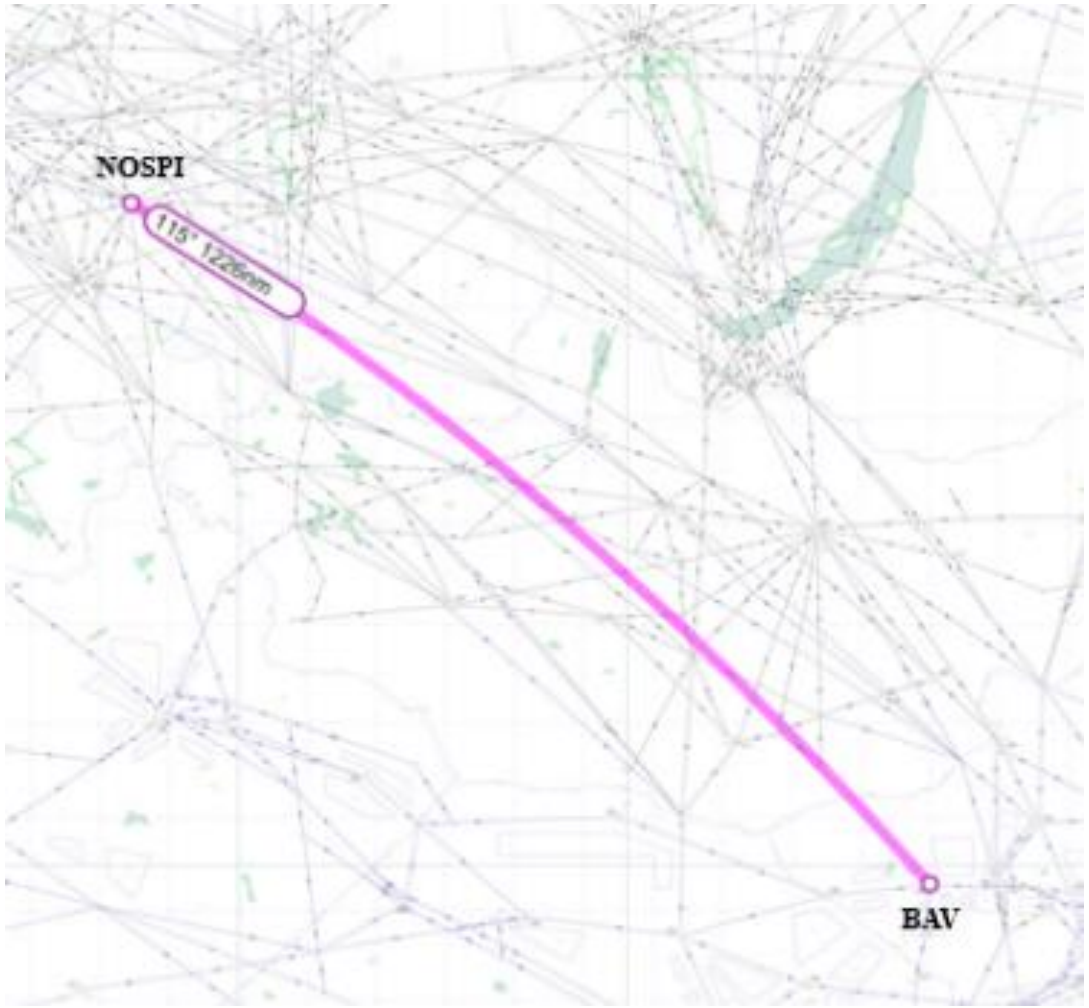
Chapter 3 : East Asia

ATS Route Name	CHA 01
State Priority	D
IATA Priority	HIGH
Requested by (when)	IATA (01/09/2018)
States/Admin' Involved	China (Lanzhou, Beijing, Wuhan FIR's)
Remarks :	

ATS Route Name	CHA 02
State Priority	D
IATA Priority	HIGH
Requested by (when)	IATA (01/09/2018)
States/Admin' Involved	China (Urumqi, Lanzhou FIR's)
Remarks :	

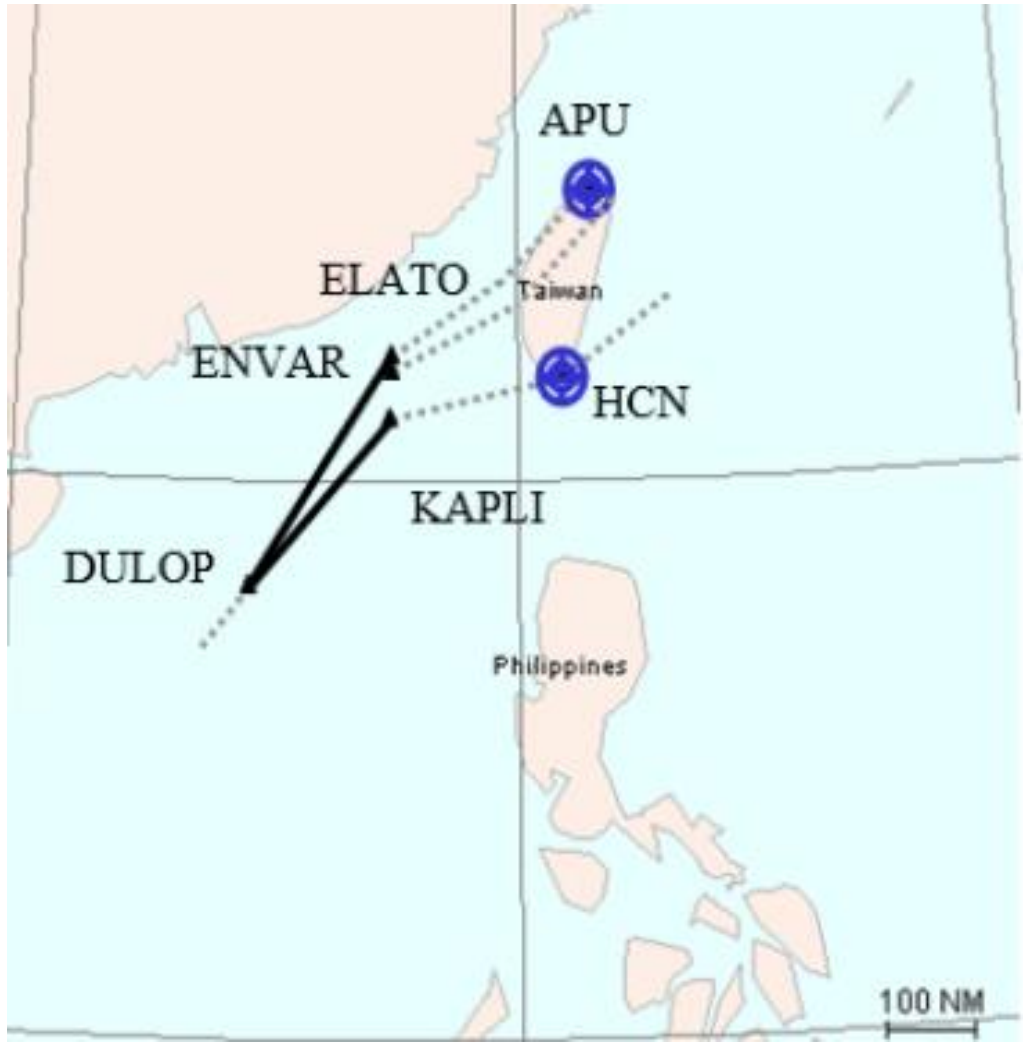


ATS Route Name	CHA 12
State Priority	D
IATA Priority	HIGH
Requested by (when)	IATA (29/08/2018)
States/Admin' Involved	Russia, Mongolia, China (Novosibirsk, Krasnoyarsk, Ulaanbatar, Beijing FIR's)
Remarks :	

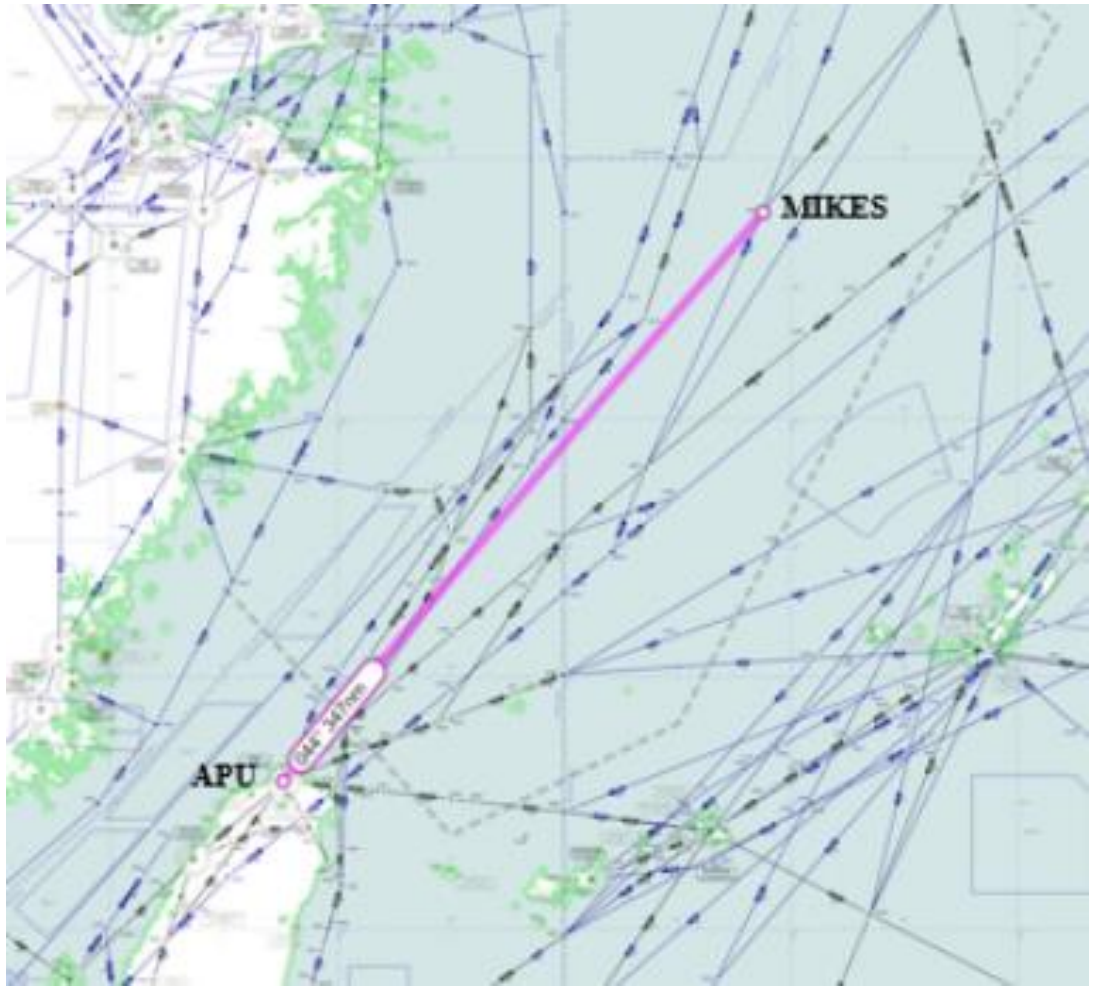


ATS Route Name	IATA 02
State Priority	D
IATA Priority	HIGH
Requested by (when)	IATA (01/09/2018)
States/Admin' Involved	China (Kunming, Guangzhou FIR's)
Remarks :	

ATS Route Name	SCS 08
State Priority	D
IATA Priority	HIGH
Requested by (when)	IATA (01/09/2018)
States/Admin' Involved	Hong Kong China, Taibei ACC (Hong Kong, Taibei FIR's)
Remarks :	



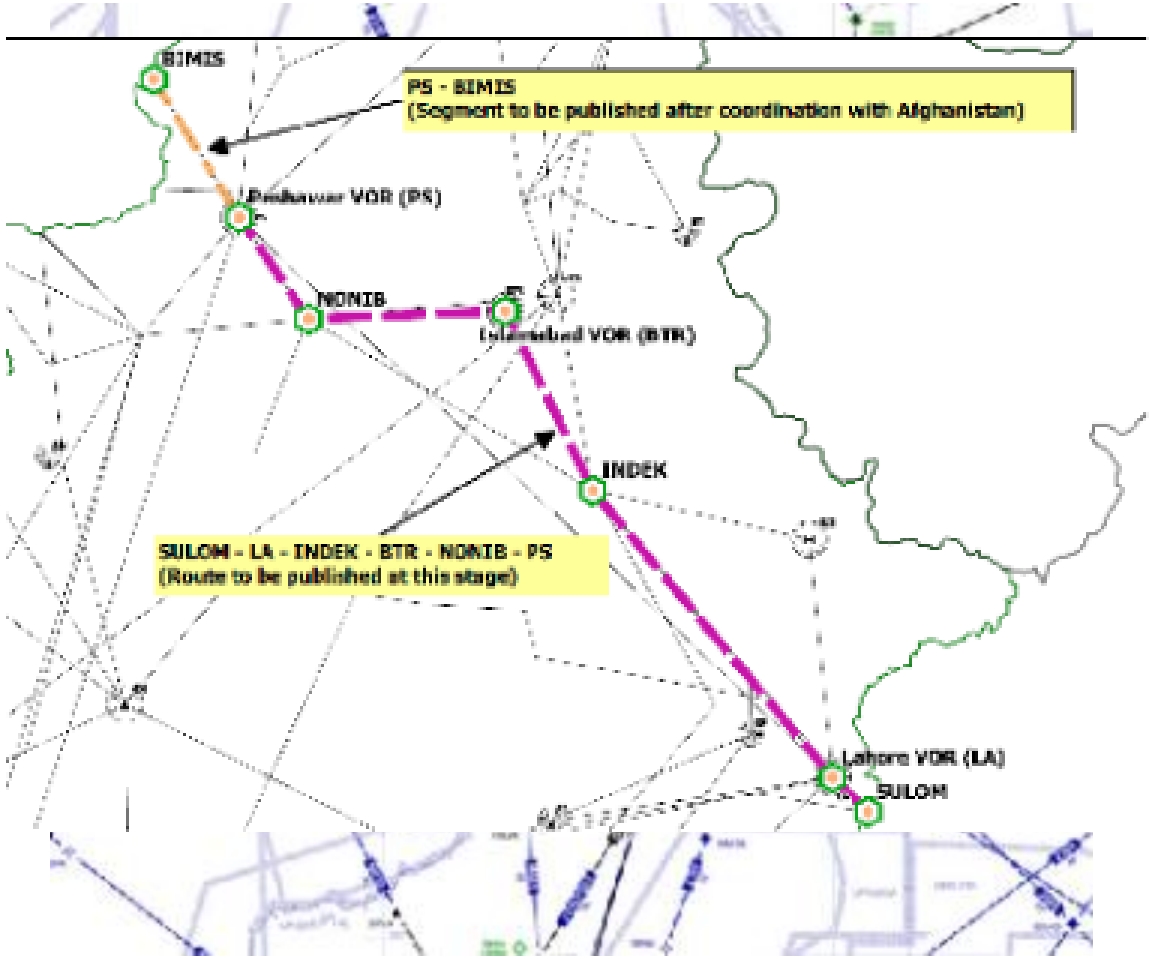
ATS Route Name	TPE 01
State Priority	C
IATA Priority	HIGH
Requested by (when)	IATA (01/09/2018)
States/Admin' Involved	Taibei ACC, Japan (Taibei, Fukuoka FIR's)
Remarks :	



Attachment A (ATS route catalogue)

Chapter 4 : Trans-Regional (South Asia)

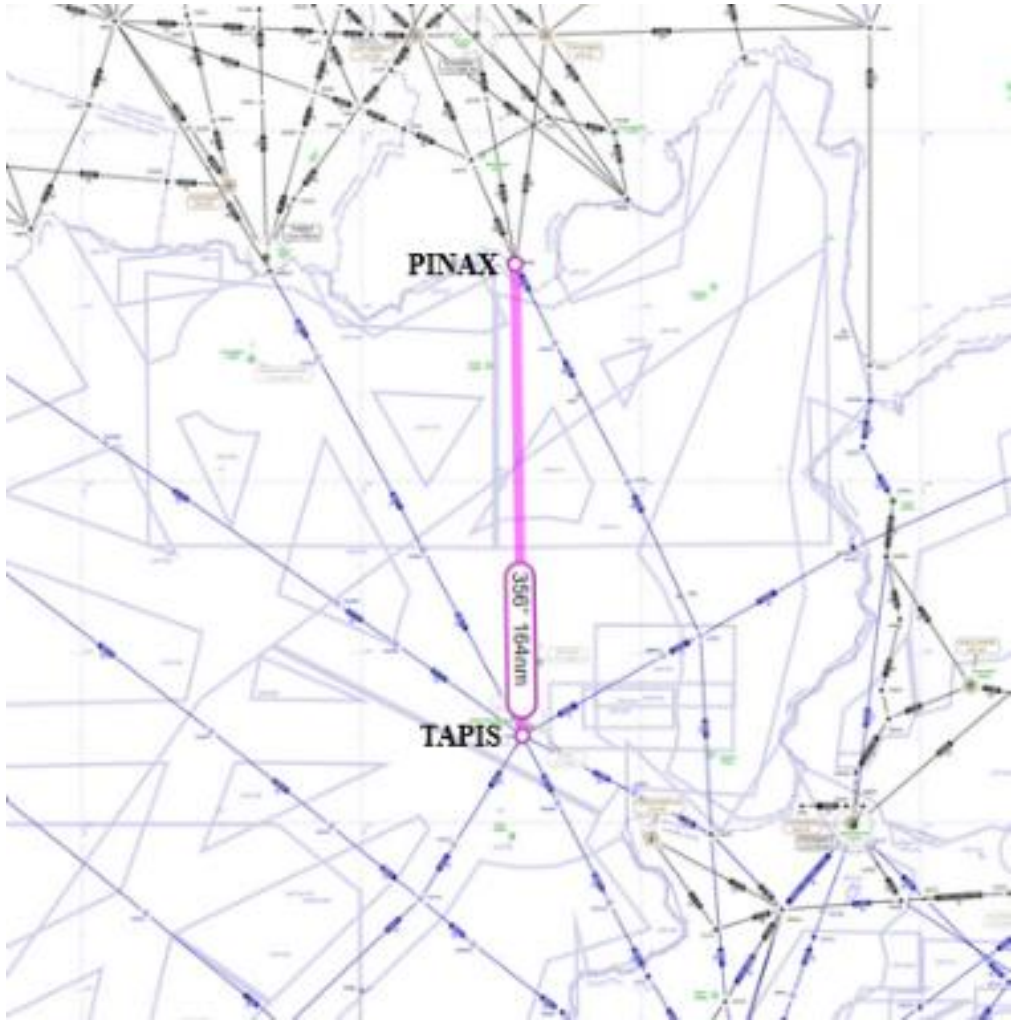
ATS Route Name	AFG 01
State Priority	B
IATA Priority	MEDIUM
Requested by (when)	Afghanistan (03/08/2019: AIRARD TF/4)
States/Admin' Involved	Pakistan, Afghanistan (Lahore, Kabul FIR's)
Remarks :	



AFG 01

- SAIOSEACG/2 Update on Pakistan's Route Proposal
  - Retain in Catalogue: Subject to Afghanistan's situation
  - Current Status: T400 airway (SULOM to PS) is operational
  - Connectivity: Links to P500 (MOTMO-FIRUZ) route
  - PS-BIMIS Segment: Approved, pending Afghanistan's response

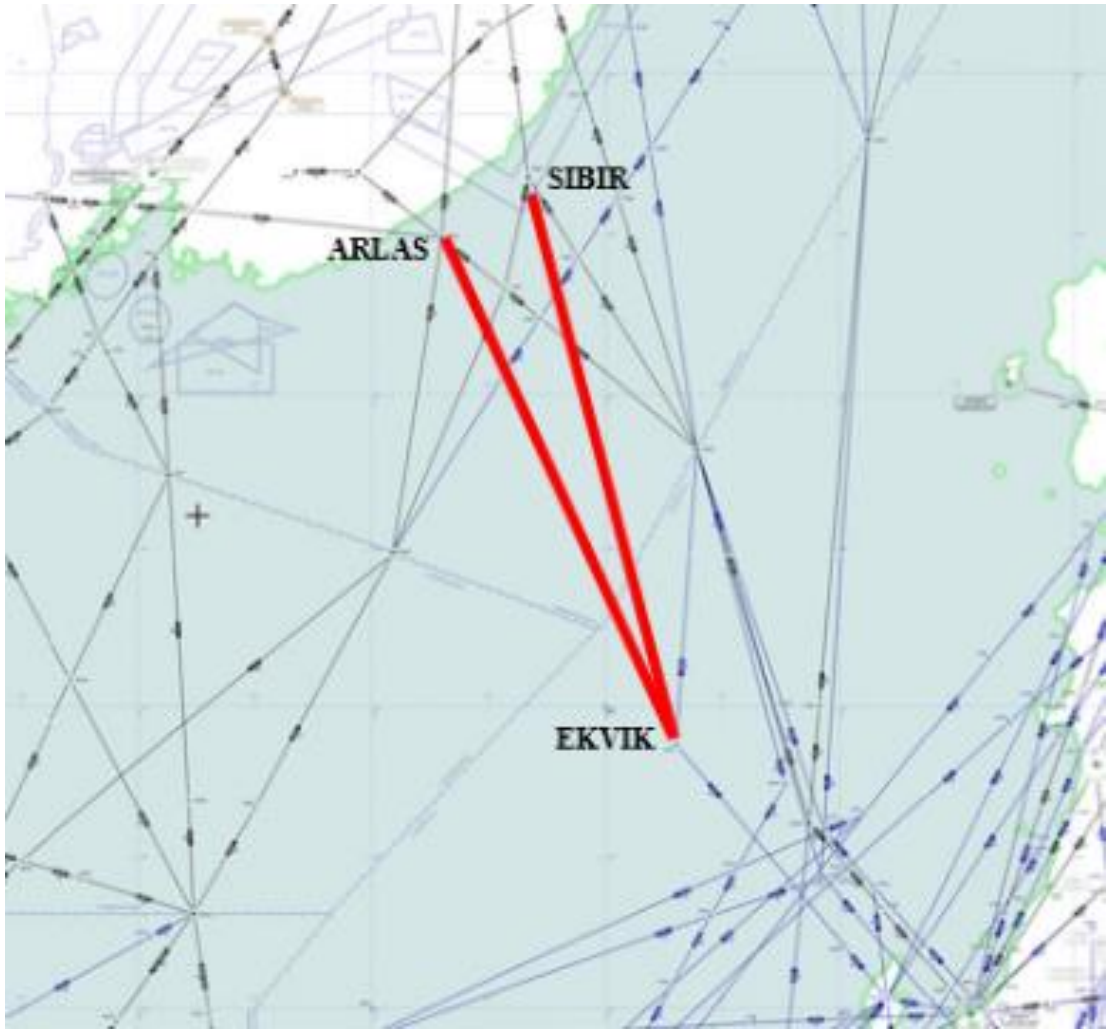
ATS Route Name	AFG 02
State Priority	C
IATA Priority	LOW
Requested by (when)	Tajikistan (03/08/2019: AIRARD TF/4)
States/Admin' Involved	Afghanistan, Tajikistan (Kabul, Dushanbe FIR's)
Remarks :	



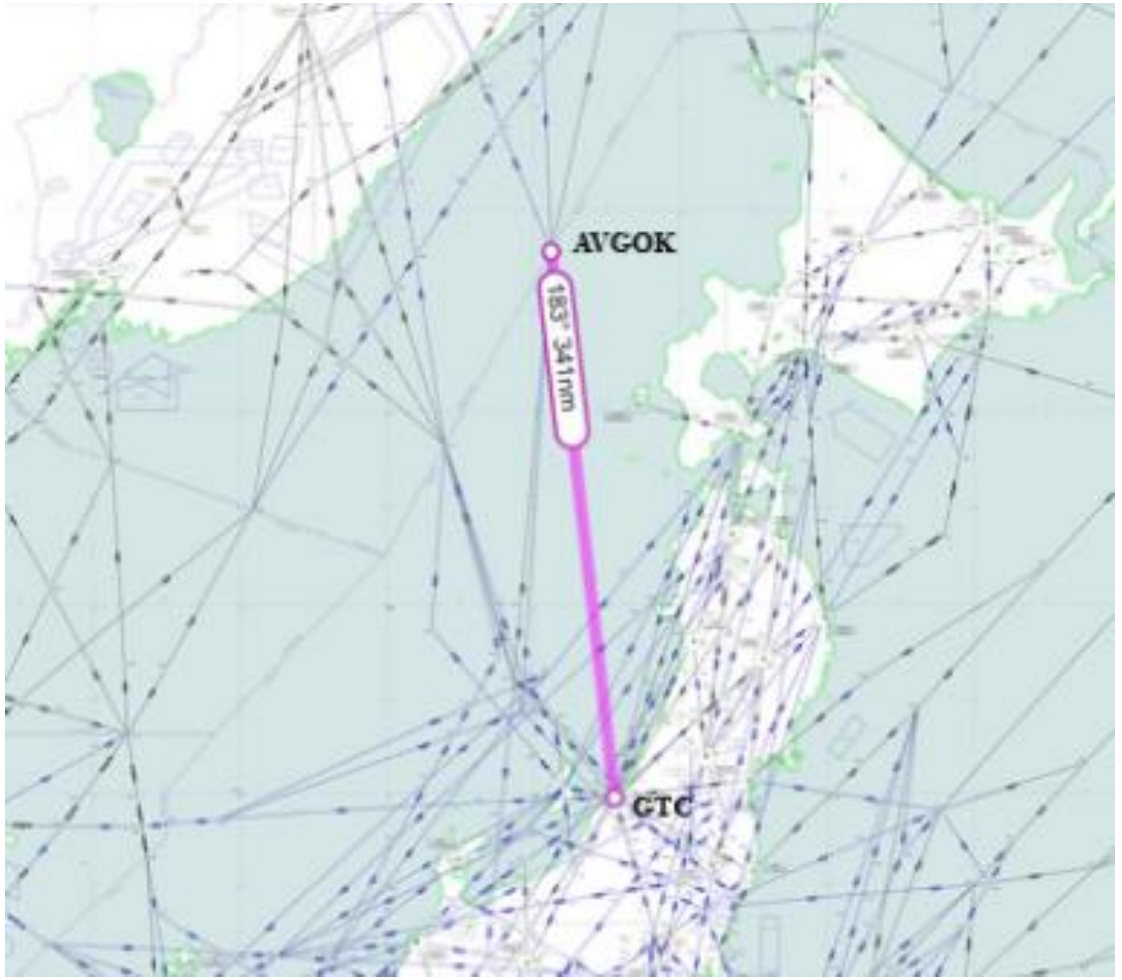
Attachment A (ATS route catalogue)

Chapter 5 : Trans-Regional (East Asia)

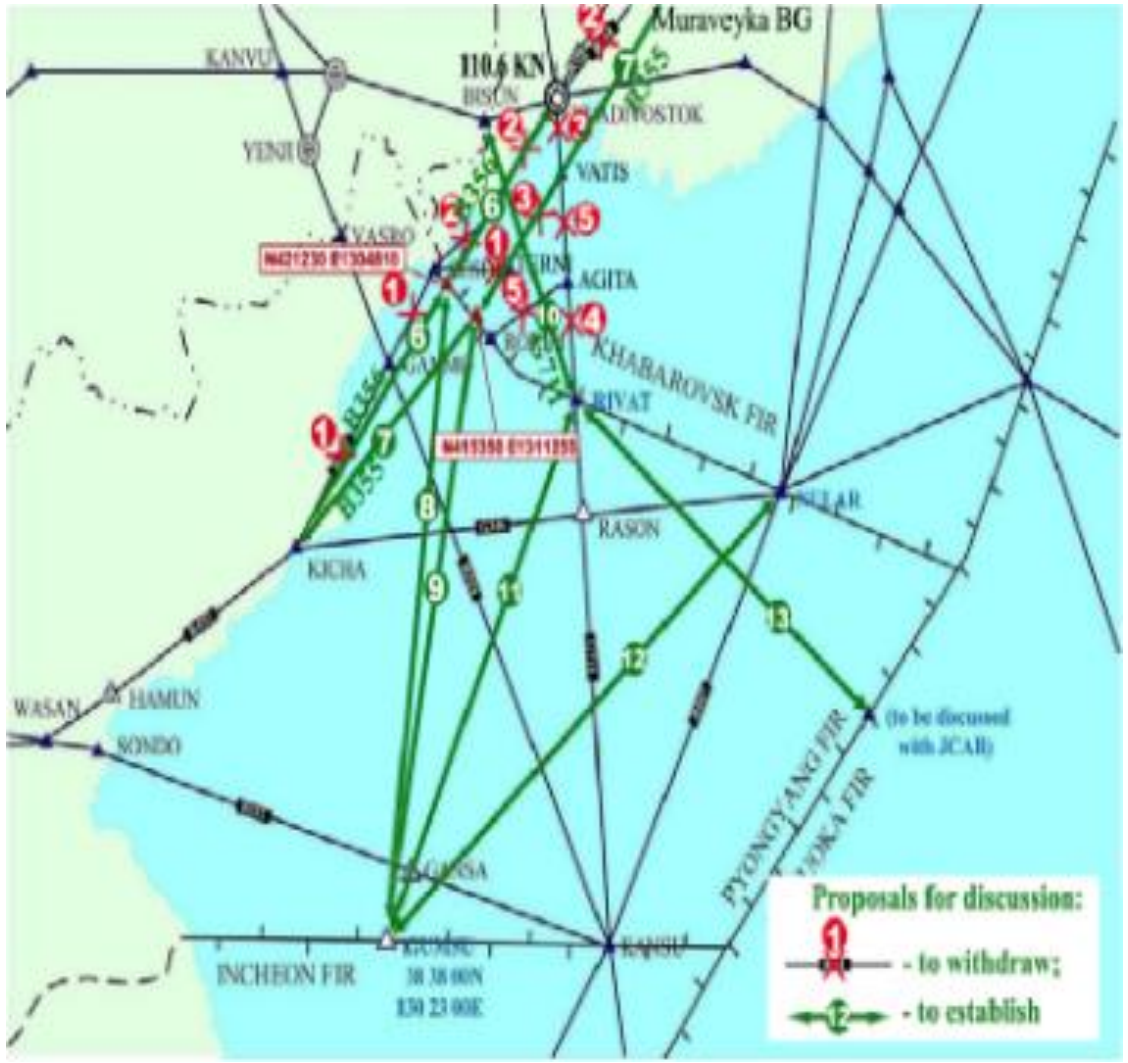
ATS Route Name	FE0008 / RDGE 15.003 / APAC RUS 5
State Priority	C
IATA Priority	MEDIUM
Requested by (when)	Russia, IATA (01/09/2018)
States/Admin' Involved	Russia, Japan (Khabarovsk, Fukuoka FIR's)
Remarks :	



ATS Route Name	FE0021 / RDGE 13.028 / APAC RUS 4
State Priority	C
IATA Priority	HIGH
Requested by (when)	Russia, IATA (01/09/2018)
States/Admin' Involved	Russia, Japan (Khabarovsk, Fukuoka FIR's)
Remarks :	

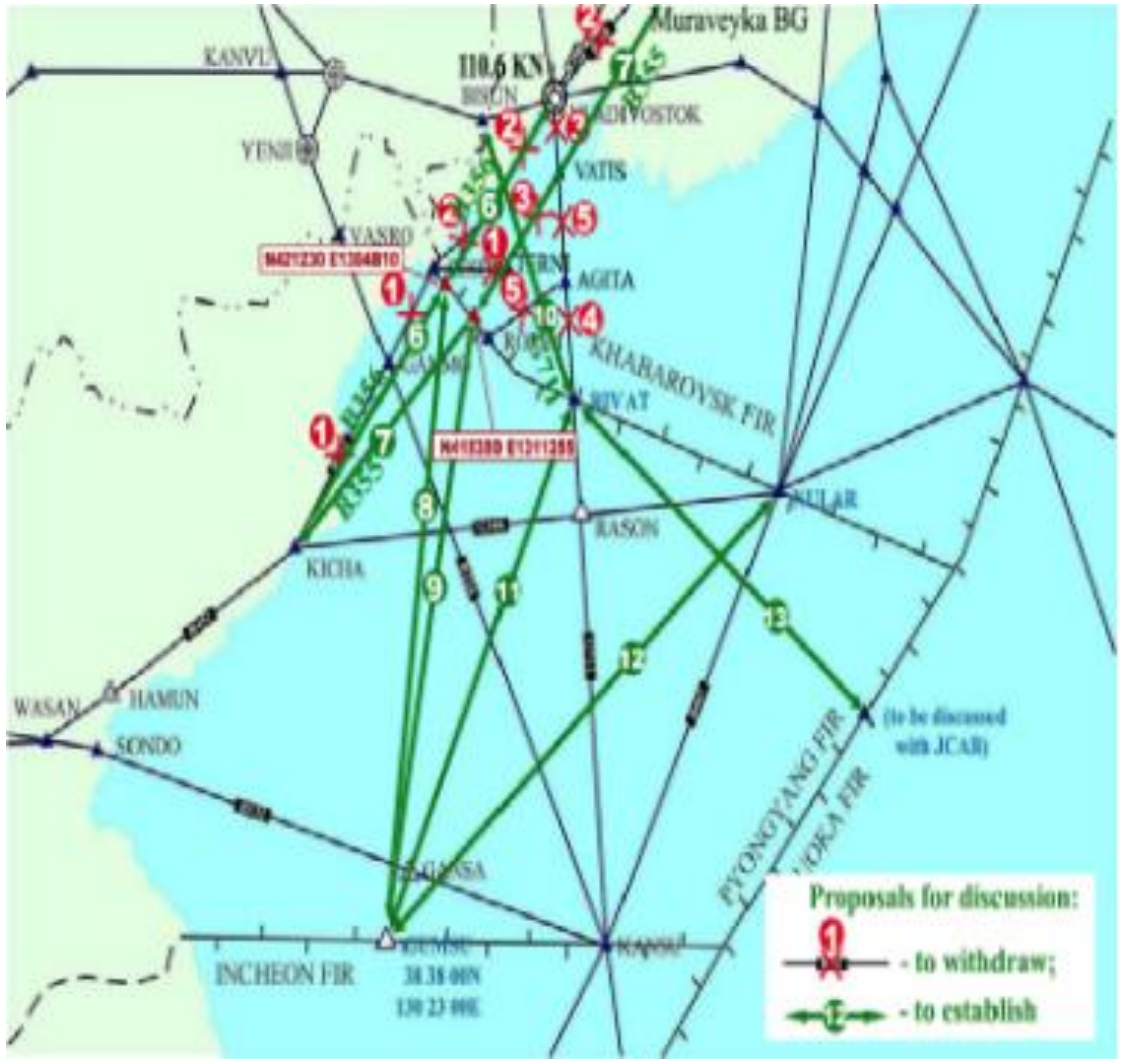


ATS Route Name	FE0049 / RDGE 20.010
State Priority	C
IATA Priority	
Requested by (when)	DPRK, Russia (01/09/2018)
States/Admin' Involved	Russia, DPRK (Khabarovsk, Pyongyang FIR's)
Remarks :	



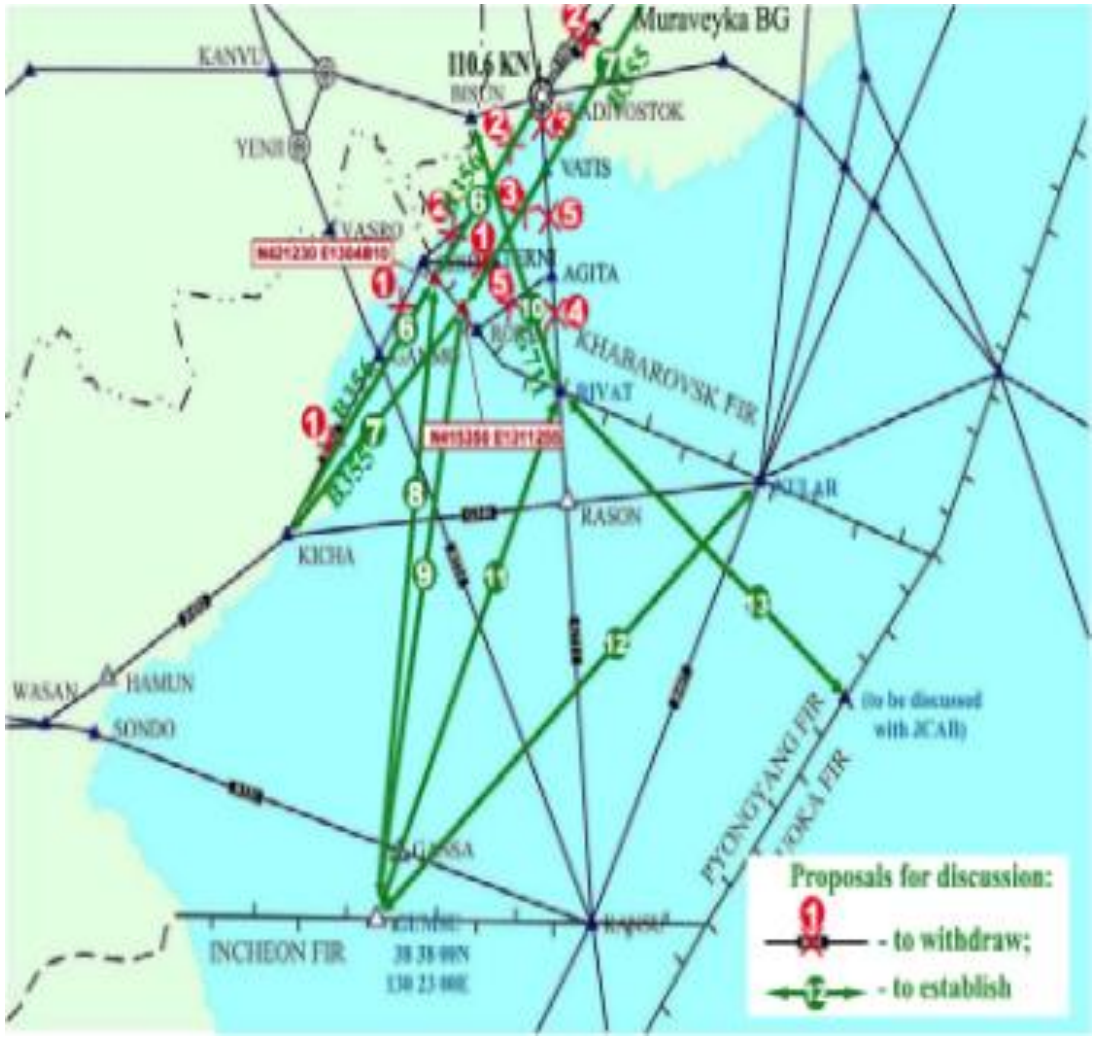
ATS Route Name	FE0050 / RDGE 20.011
State Priority	C
IATA Priority	
Requested by (when)	DPRK, Russia (01/09/2018)
States/Admin' Involved	Russia, DPRK (Khabarovsk, Pyongyang FIR's)
Remarks :	

ATS Route Name	FE0051 / RDGE 20.012
State Priority	C
IATA Priority	
Requested by (when)	DPRK, Russia (01/09/2018)
States/Admin' Involved	Russia, DPRK (Khabarovsk, Pyongyang FIR's)
Remarks :	

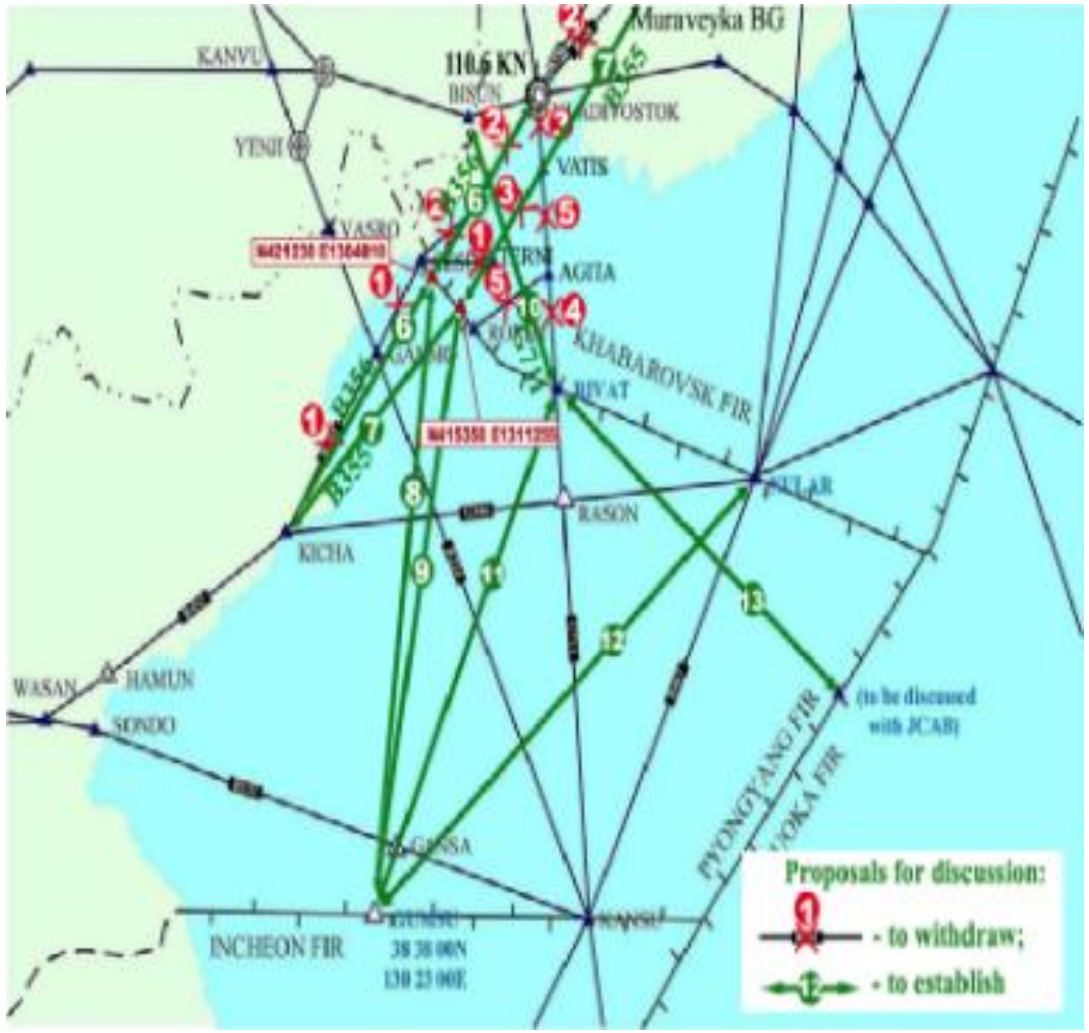


ATS Route Name	FE0052 / RDGE 20.013
State Priority	C
IATA Priority	
Requested by (when)	DPRK, Russia (01/09/2018)
States/Admin' Involved	Russia, DPRK (Khabarovsk, Pyongyang FIR's)
Remarks :	

ATS Route Name	FE0053 / RDGE 20.014
State Priority	C
IATA Priority	
Requested by (when)	DPRK, Russia (01/09/2018)
States/Admin' Involved	Russia, DPRK (Khabarovsk, Pyongyang FIR's)
Remarks :	



ATS Route Name	FE0054 / RDGE 20.015
State Priority	C
IATA Priority	
Requested by (when)	DPRK, Russia (01/09/2018)
States/Admin' Involved	Russia, DPRK (Khabarovsk, Pyongyang FIR's)
Remarks :	



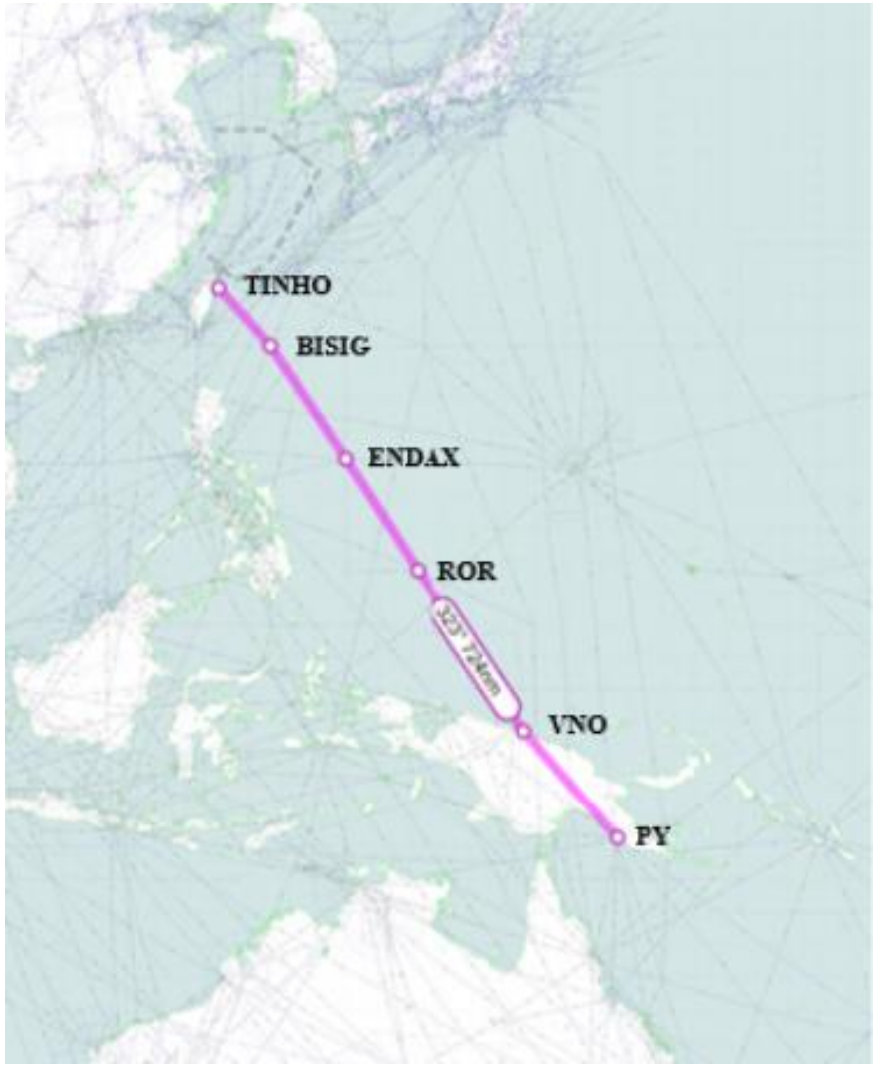
ATS Route Name	FE0055 / RDGE 20.016
State Priority	C
IATA Priority	
Requested by (when)	DPRK, Russia (01/09/2018)
States/Admin' Involved	Russia, DPRK (Khabarovsk, Pyongyang FIR's)
Remarks :	

ATS Route Name	FE0056 / RDGE 20.017
State Priority	C
IATA Priority	
Requested by (when)	DPRK, Russia (01/09/2018)
States/Admin' Involved	Russia, DPRK, Japan (Khabarovsk, Pyongyang, Fukuoka FIR's)
Remarks :	

Attachment A (ATS route catalogue)

Chapter 6 : Pacific

ATS Route Name	WPC 01
State Priority	D
IATA Priority	HIGH
Requested by (when)	IATA (30/07/2018)
States/Admin' Involved	Papua New Guinea, Indonesia, USA, Philippines, Japan, Taibei ACC (Port Moresby, Ujung Pandang, Oakland Oceanic, Manila, Fukuoka, Taibei FIR)
Remarks :	



Thank You!

ICAO