

The First Meeting of the South Asia, Indian Ocean
and Southeast Asia ATM Coordination Group
(SAIOSEACG/1)

IP09 _ Introduction to the Impact of the Pandemic on Sanya FIR

Presented by China

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01 Introduction

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Introduction

01



Introduction

International flights have been greatly affected by the differences in response to pandemic policies in different states.

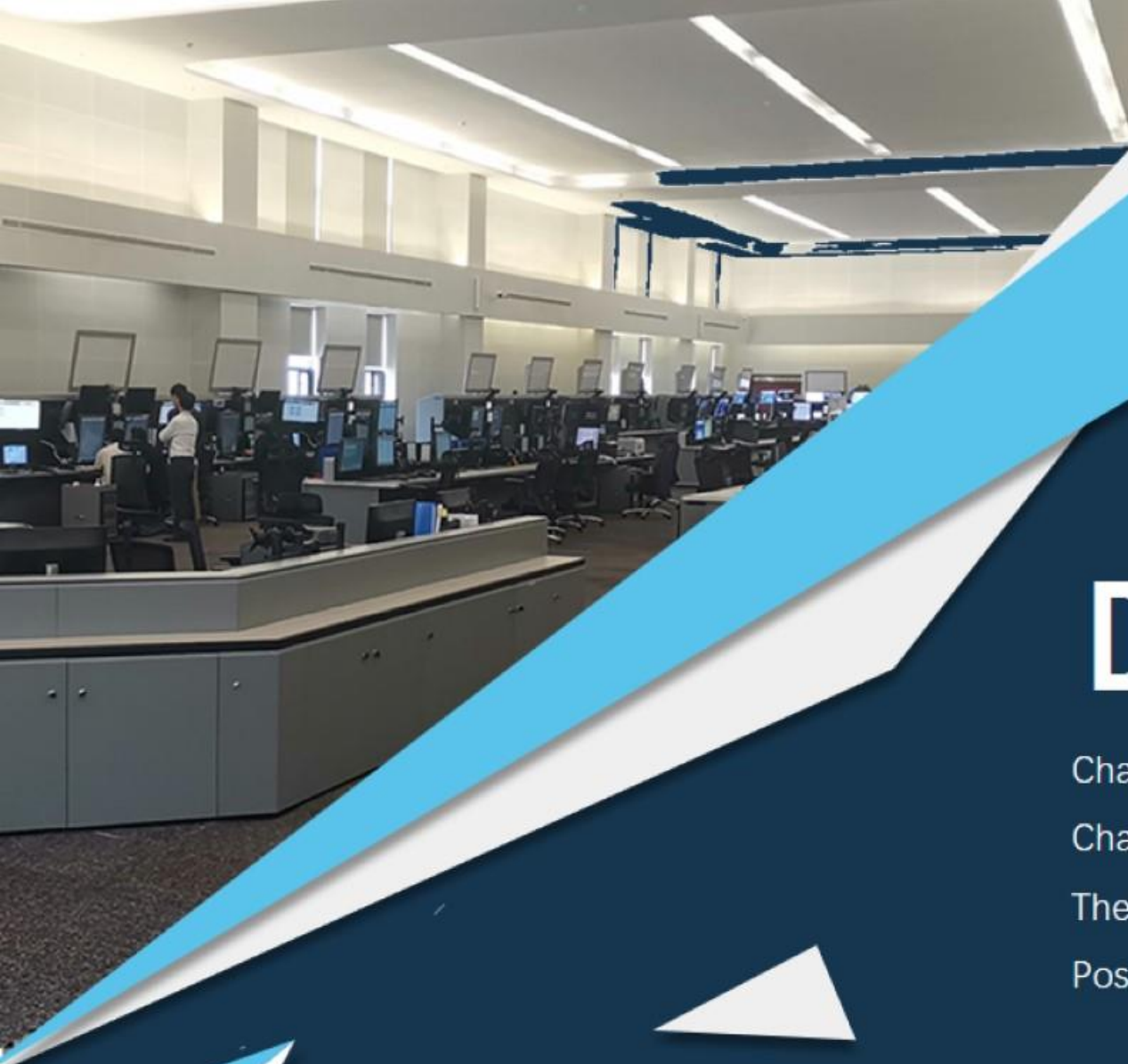
01

Low traffic demand has delayed the rapid development of ATM capability in Southeast Asia. ATC personal capabilities, ATFM collaborations, and route structure optimization have remained at or even lower than the previous level

02

ATM capabilities will recover as traffic demand increases, so analyzing deficiencies and preparing for the future is our **New Priority**

03



Discussion

Characteristics of traffic flow in Sanya FIR

Characteristics on typical traffic flow

The impact of the pandemic on Sanya ACC

Post-pandemic Roadmap

02

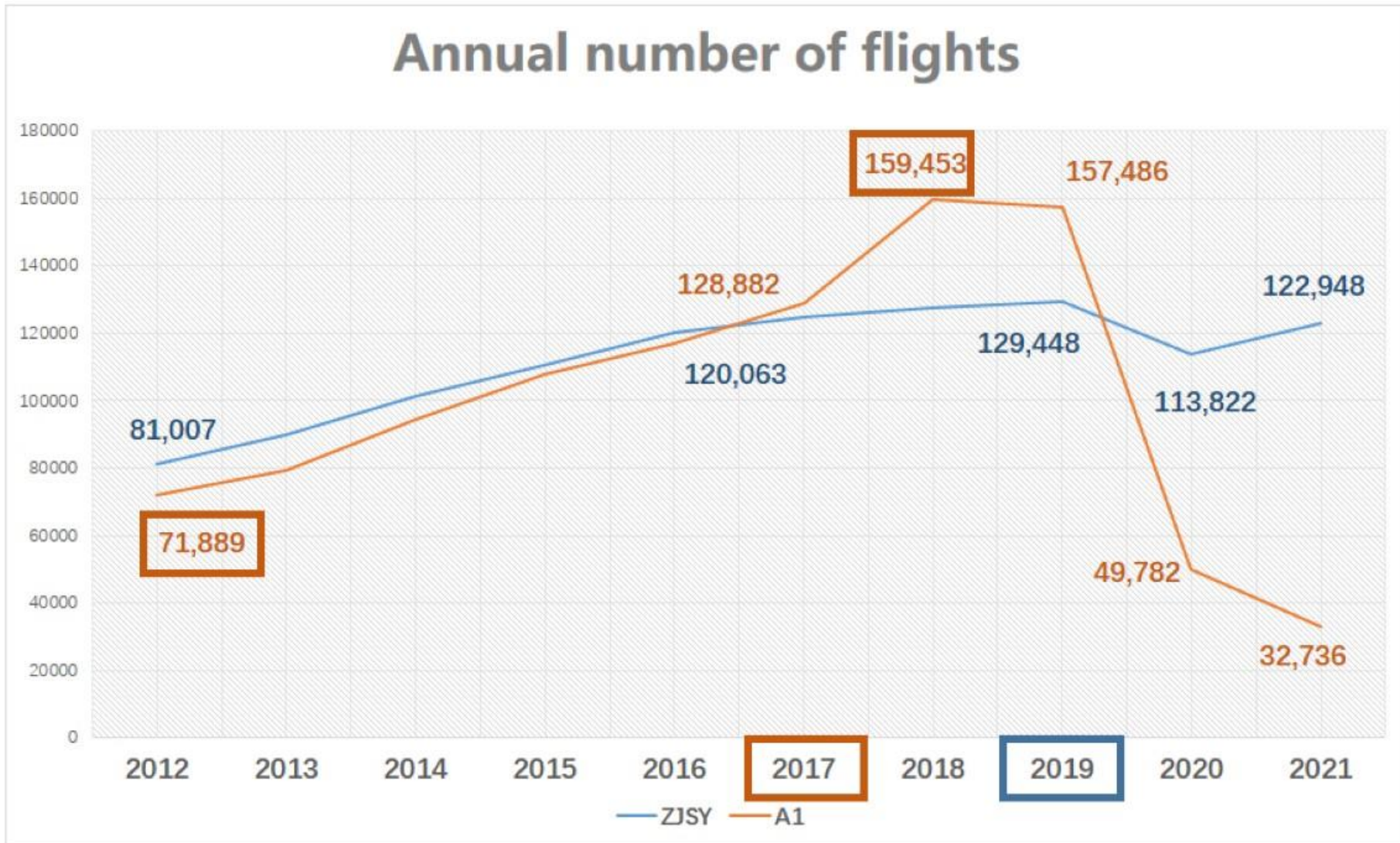
Characteristics of traffic flow in Sanya FIR



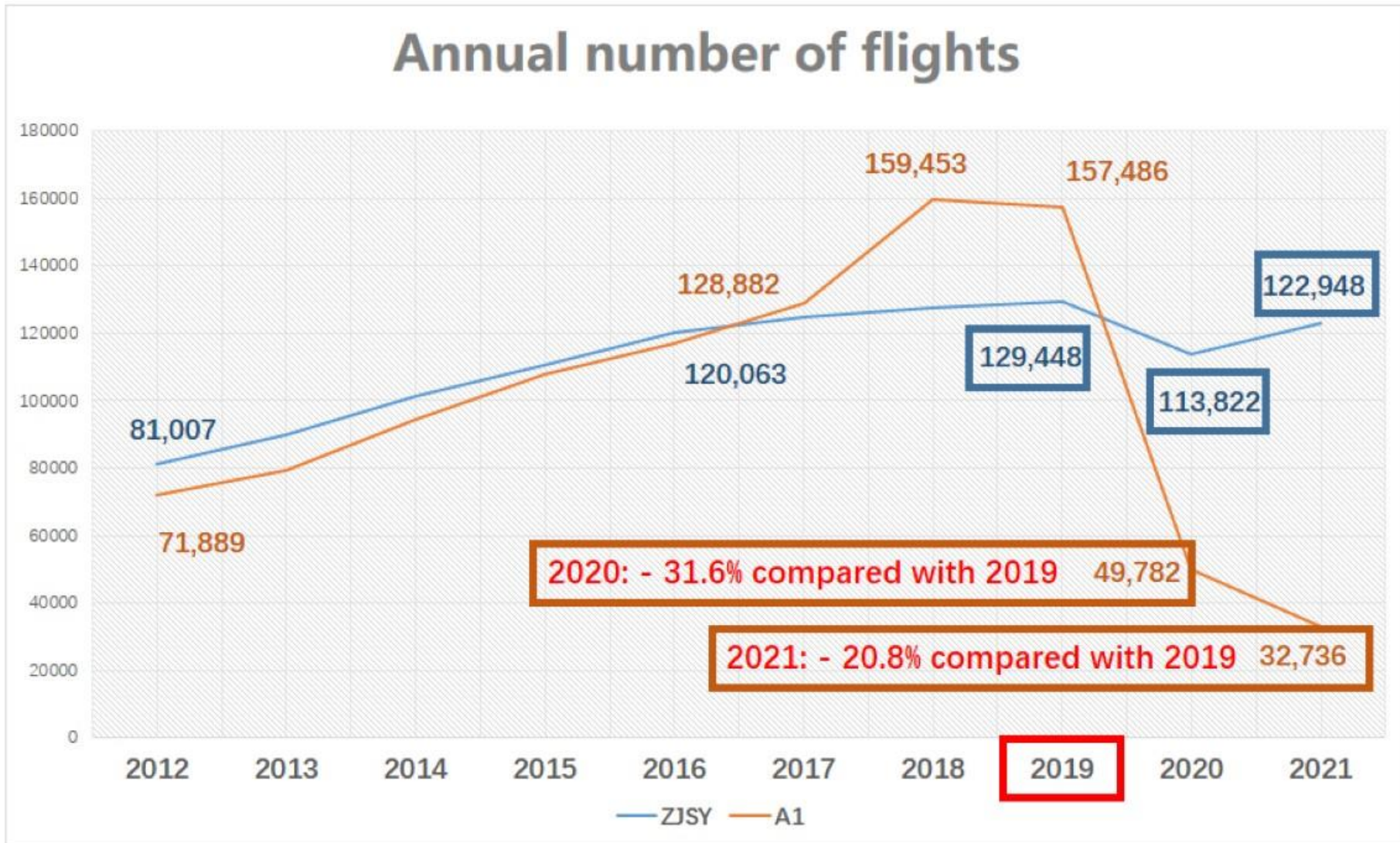
East-West international overflight traffic

Inbound and outbound flights of major airports on Hainan Island

Characteristics of traffic flow in Sanya FIR



Characteristics of traffic flow in Sanya FIR



Characteristics on typical traffic flow



Via BUNTA along route A1 from Thailand

- Thailand's flights to and from East Asia have always been the main traffic flow of route A1 in Sanya FIR and have maintained a stable growth

Taking off and landing at Da Nang through BUNTA

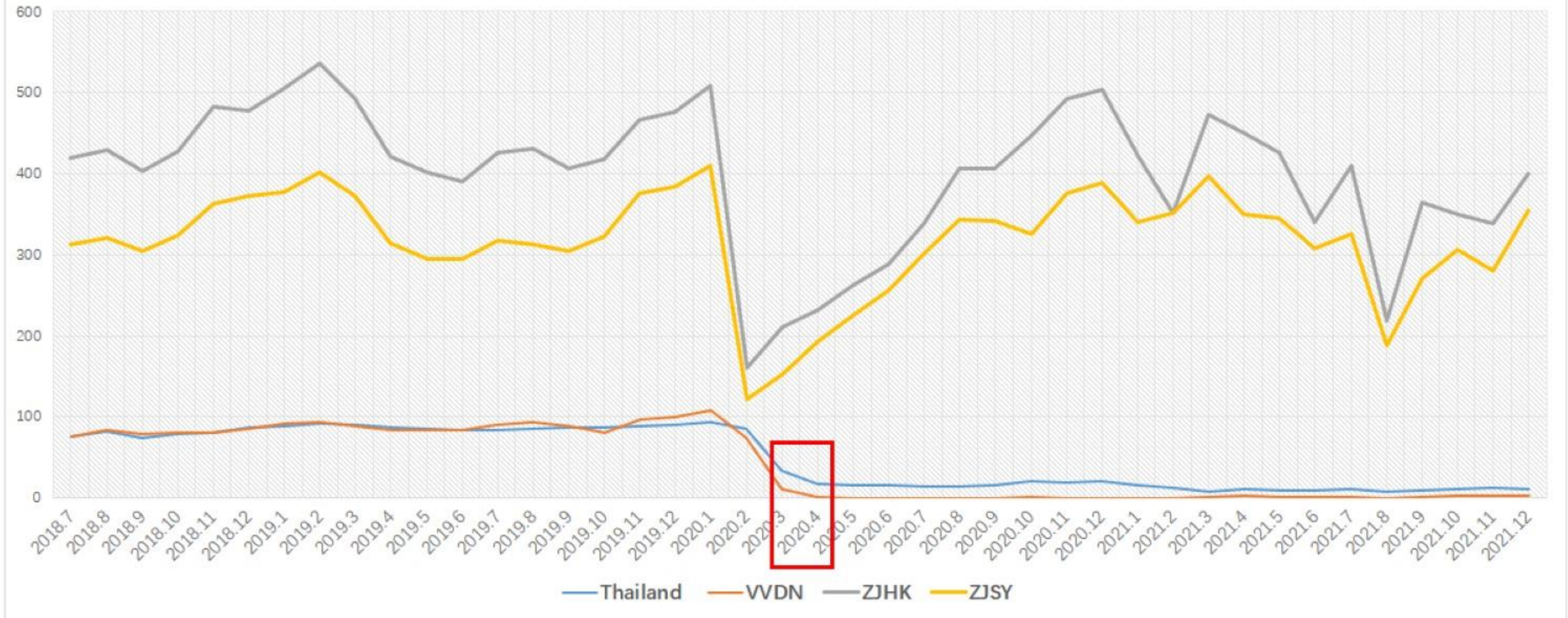
- In recent years, the number of flights taking off and landing in Da Nang via route A1 has increased rapidly before pandemic, from single-digit flights per day in 2012 to more than 100 flights per day in early 2020.

Domestic flights at Haikou and Sanya airports

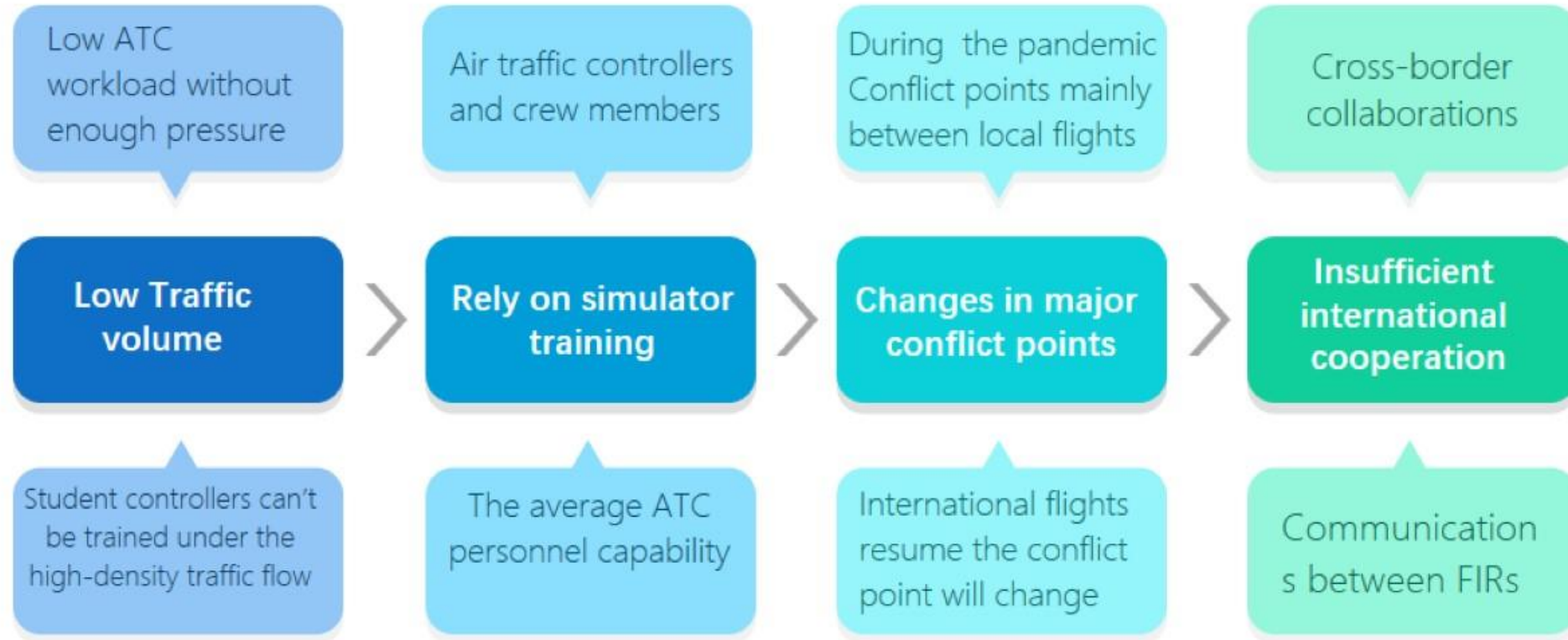
- The first two traffic flows represent the international flights, and the last two represent the domestic flights

Characteristics on typical traffic flow

Monthly average daily traffic volume



The impact of the pandemic on Sanya ACC



Post-pandemic Roadmap

Airspace planning
and route adjustment



Strengthening
international collaboration



Application of
complementary technology



Improve
personnel capabilities



Post-pandemic Roadmap

--Application of complementary technology



Fewer flights

- The pandemic has caused a serious impact on the ATM operations of Sanya FIR

Less risk

- Based on existing air traffic flow, changes will not bring great potential risks

Take action

- **AIDC** with neighboring ATC units, **CPDLC** and **5G communication services on data link** on lower oceanic airspace and so on

Post-pandemic Roadmap

--Improve personnel capabilities

Especially for controllers who got the independent work qualification during the pandemic

ATC professional training

Communication ability enhancing

Simulator training

Relevant skills



Post-pandemic Roadmap

--Strengthening international collaboration



“2022 must be the year we end the pandemic”

- It's necessary to resume and strengthen cross-border collaboration, improve the integrated air traffic service capacity in the Asia-Pacific region under the leadership of ICAO to help airlines, airports and other stakeholders better recovering from the impact of the COVID-19





Action By
The Meeting

03

Action By The Meeting

01



Note the information contained in this paper

02



Encourage stakeholders engaged in the information sharing about the impact of the pandemic

03



Recommend strengthening collaboration to promote the rapid recovery of the civil aviation from pandemic

04



Discuss any relevant matters as appropriate

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THANKS
FOR YOUR TIME

