



International
Civil Aviation
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Международная
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منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref. RSO – AP002/23 (RSO)

12 January 2023

Subject: Second Meeting of the South Asia, Indian Ocean
and Southeast Asia ATM Coordination Group (SAIOSEACG/2)
(Bangkok, Thailand, 20 – 24 March 2023)

Actions required: 1) To complete online registration by **24 February 2023**; and
2) To submit paper(s) and presentation(s) by **3 March 2023**.

Sir/Madam,

I am pleased to invite your Administration to participate in the Second Meeting of the South Asia, Indian Ocean and Southeast Asia ATM Coordination Group (**SAIOSEACG/2**), which will be held in Bangkok, Thailand from 20 – 24 March 2023.

The SAIOSEACG/2 meeting will continue to identify, plan and implement Air Traffic Management improvements within airspace serving South Asian, Indian Ocean and South East Asian areas. States and Administrations should come prepared to the meeting to provide a documented status report on the implementation of the following matters, which will require internal research and the readiness of the meeting participants:

1. SAIOSEACG Task List (refer to Attachment E);
2. National Air Navigation Plan (NANP) in accordance with the requirements of the Regional Air Navigation Plan;
3. ATS Route Catalogue - ATS route proposals relevant to the meeting – each route proposal to be updated, especially in terms of priority; and
4. ANS Deficiencies - each deficiency relevant to the meeting to have an update on the implementation of any corrective actions.

States and Administrations are reminded that **Conclusion ATM/SG/10-1 – Revised Reporting Date for ATM Regional Plans' Implementation Status Monitoring** requires them to report their implementation status of the following regional plans no later than 28 February each year:

1. Regional ATM Contingency Plan
2. Regional Framework for Collaborative ATFM;
3. Regional Plan for Collaborative AIM; and
4. Regional SAR Plan

Status reports received by **28 February 2023** will be included in the relevant ICAO working papers.

In order to make the meeting more productive and effective, States/Administrations/International Organizations are suggested to submit papers **no later than two weeks prior to the meeting date**, via email to the ICAO APAC Regional Sub-Office (APAC-RSO@icao.int and zxuu@icao.int). In the event that papers are received after **Friday, 3 March 2023**, these will normally be treated as flimsy, and may only be presented to the meeting if time permits and after all other papers correctly submitted before the deadline have been read.

Enclosed herewith are the SAIOSEACG/2 Order of Business (**Attachment A**), Provisional Agenda (**Attachment B**), Meeting Bulletin (**Attachment C**), ICAO APAC Regional Office Health and Safety Information for Meeting Participants (**Attachment D**), and SAIOSEACG Task List (**Attachment E**). I request that you kindly complete online registration(s) of the delegate(s) from your Administration by **Friday 24 February 2023**. The registration link is provided on the meeting webpage, available through the ICAO Regional Office website at <http://www.icao.int/APAC/Meetings/Pages/default.aspx>.

Due to social distancing requirements and high demand for ICAO APAC Office conference facilities, a maximum of two persons per Administration or International Organization should be nominated as primary participants. Additional nominated participants may be registered if sufficient seating is available.

Participants should obtain meeting materials prior to the commencement of the meeting from the meeting web page.

Please accept, Sir/Madam, the assurances of my highest consideration.

Yours sincerely,



Tao Ma
Regional Director

Enclosures:

Attachment A — Order of Business

Attachment B — Provisional Agenda

Attachment C — Meeting Bulletin

Attachment D — ICAO APAC Regional Office Health and Safety Information for Meeting Participants

Attachment E — SAIOSEACG Task List



ICAO

International Civil Aviation Organization

The Second Meeting of the South Asia, Indian Ocean and
Southeast Asia ATM Coordination Group (SAIOSEACG/2)

Bangkok, Thailand, 20 – 24 March 2023

PROVISIONAL ORDER OF BUSINESS

(Presented by the Secretariat)

Monday 20 March 2023

0830-0900 Registration of Participants
0900-0930 Opening of Meeting
Introduction of Participating Administrations/IOs
0930-1130 Discussion on Agenda Items
1130-1230 Lunch Break
1230-1700 Discussion on Agenda Items

Tuesday 21 March 2023

0900-1130 Discussion on Agenda Items
1130-1230 Lunch Break
1230-1700 Discussion on Agenda Items.

Wednesday 22 March 2023

0900-1130 Discussion on Agenda Items
1130-1230 Lunch Break
1230-1700 Discussion on Agenda Items.

Thursday 23 March 2023

0900-1130 Discussion on Agenda Items
1130-1230 Lunch Break
1230-1700 Discussion on Agenda Items.

Friday 24 March 2023

0900-1300 Any Business Carried Over
Review of Draft Report
Adoption of Report
Closure of Meeting

*Morning and afternoon tea/coffee breaks will be taken each day, the
timing being at the discretion of the Chair*

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ICAO

International Civil Aviation Organization

The Second Meeting of the South Asia, Indian Ocean and Southeast Asia ATM Coordination Group (SAIOSEACG/2)

Bangkok, Thailand, 20 – 24 March 2023

PROVISIONAL AGENDA

- Agenda Item 1: Election of Chair/Adoption of Agenda
- Agenda Item 2: Review Outcomes of Related Meetings
- Agenda Item 3: Review of Current Operations and Problem Areas
- Agenda Item 4: Implementation of CNS-ATM Systems
- Agenda Item 5: ATS Route Development
- Agenda Item 6: ATM Contingency Plans and Search and Rescue
- Agenda Item 7: ANSP Coordination and Civil/Military Cooperation
- Agenda Item 8: Review of SAIOSEACG Task List
- Agenda Item 9: Any Other Business

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INTERNATIONAL CIVIL AVIATION ORGANIZATION
ASIA AND PACIFIC OFFICETHE SECOND MEETING OF THE SOUTH
ASIA, INDIAN OCEAN AND SOUTHEAST ASIA ATM COORDINATION GROUP
(SAIOSEACG/2)

(Video Teleconference, 20 March – 24 March 2023)

MEETING BULLETIN

1. Dates and Venue

1.1. The Meeting will be held at the Kotaite Wing of the ICAO Asia and Pacific Office from Monday 20 March to Friday 24 March 2023. The meeting will start at 09:00 hours each day. The ICAO Regional Office is located at:

ICAO Building 252/1 Vibhavadi Rangsit Road Chatuchak, Bangkok 10900 Tel: +66-2-537-8189 Fax: +66-2-537-8199 E-mail: APAC@icao.int Website: http://www.icao.int/APAC/Pages/default.aspx	FOR TAXI: องค์การการบินพลเรือนระหว่างประเทศ (ICAO) ถนนวิภาวดีรังสิต อาคาร 3 ชั้น ไกลปี่ม่น้ำมัน ป.ต.ท. ถึงก่อน อาคาร ป.ต.ท. สำนักงานใหญ่ ตรงข้ามเซ็นทรัลพลาซ่า ลาดพร้าว ด้านหน้าสวนรถไฟ
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1.2. Participants are required to carry a valid government-issued identity card or passport for verification of their identity prior to entering ICAO facilities. All participants are required to follow the ICAO visitor security screening procedure and must comply with security instructions when inside the ICAO premises.

1.3. Participants are requested to register at the Registration Desk in the reception area of Kotaite Wing between 0830 and 0900 hours on the opening day of the meeting and obtain a meeting identification badge. Participants shall wear the identification badge at all times when inside the ICAO premises.

1.4. Additional House Keeping information is available on the ICAO APAC Office website through the link 'About APAC Region' [ICAO APAC House Keeping Video](#)

2. Officers and Secretariat

2.1. Mr. Xu Zhifeng, Regional Officer, Air Traffic Management (e-mail: zxuu@icao.int)

2.2. Ms. Yang Siqi, Programme Assistant and Support Clerk (sqyang@icao.int)

3. Meeting Documents, Papers for Distribution etc.

3.1. Participants are requested to note that working or information papers for the meetings **must reach this office at least two weeks before the commencement of the meeting**. Meeting documents will be available on the ICAO APAC website prior to the meeting. Paper documents on hardcopy will not be available.

3.2. Wi-Fi connection to the Internet is available on the premise of the ICAO APAC to allow viewing papers online. Access information to Wi-Fi will be available at the Registration Desk.

4. Visa, Insurance and Customs

4.1. Participants must possess the documentation required to enter and stay in Thailand. Participants may wish to obtain information on Thailand entry requirements by accessing the Ministry of Foreign Affairs, Thailand [website](#)

4.2. Application for a visa is the responsibility of the State/Administration or delegate concerned, and should be requested well in advance as for certain countries visa processing may require additional security screening time. In case a visa support letter is required, the appropriate authority, administration or State in question should send a request, on official letterhead, to the ICAO APAC Office, at least 6 weeks before the start of the meeting. No personal invitations can be issued by ICAO.

4.3. Participants must be medically fit and in possession of insurance coverage to meet expenses for any unexpected event, including illness or medical emergency during the meeting. ICAO will not take responsibility for any expenses incurred concerning participation to its meetings/events. Information for vaccination shall be obtained from the local Thailand embassy or Thailand immigration website.

4.4. Currently, there are no restrictions on the import of foreign currency. However, if the amount exceeds US\$20,000 it must be declared on entry. Foreign currencies may be taken out of the country up to the amount imported and declared. Up-to-date information is available on the Thailand Customs [website](#)

5. Hotel Reservations, Transportation and Parking

5.1. Participants are required to make their own accommodation arrangements. a list of hotels in the vicinity of ICAO APAC and hotels in the city with UN special rates is available on the ICAO APAC website [[Hotels List](#)]. Participants should contact the hotel directly for a reservation. The hotel list is provided for the convenience of the participants only. ICAO APAC does not take responsibility for any incident arising from a stay of the participant in any of the listed hotels. Most hotels add a 10% service charge to the room rate in addition to the government tax of 7%. The baggage staff at hotels normally expect at least Baht 20. At restaurants, a tip of about 10% is expected unless a service charge has been added to the bill.

5.2. Participants are required to make their own transportation arrangements from the airport to the city. When departing, the hotel can arrange for transportation to the airport. Taxis, which are less expensive than hotel taxis, are also available. Most taxis have a fare meter. [Grab](#) is an App used for taxi services in Bangkok.

5.3. Participants are required to make their own transportation arrangements from their place of residence to the ICAO APAC office for attending the meetings.

5.3.1. The nearest BTS (Skytrain) stations to the ICAO Bangkok Office are *Ha Yaek Lat Phrao* and *Mo Chit*. From *Ha Yaek Lat Phrao* and *Mo Chit* stations, it is less than ten minutes to walk, or a taxi to the Office will cost approximately Baht 45.00. An instruction to be given to the taxi driver in Thai language is provided in section 1.1 of this document, and on the ICAO APAC Regional Office website.

5.3.2. The nearest MRT subway station to ICAO Asia and Pacific Office is *Phahon Yothin*. At the station, take Exit No. 3 and walk over the Vibhavadi Rangsit road through the pedestrian overpass.

5.4. Limited parking space is available for Diplomatic, United Nations and Government vehicles with official registration only. Vehicle information must be sent to ICAO APAC 72 hours prior to access. Parking at the ICAO facility is at the drivers' own risk. ICAO APAC will not be responsible for any incident concerning the parking of vehicle in ICAO facilities.

5.4.1. Parking of private vehicle or taxi is not permitted inside the ICAO facilities. Paid parking is available at the Central Plaza Ladprao Shopping Mall across the Vibhavadi Rangsit road. Limited street public parking is available near ICAO APAC.

6. Food and Catering Arrangements

6.1 Tea and Coffee will be provided for morning and (where programmed) afternoon breaks.

6.2 In accordance with the ICAO APAC Regional Office environmental policy on single-use plastics, drinking water in plastic bottles is not provided by ICAO. Water fountains are available in the lobby area outside the conference hall. Participants are encouraged to bring their own receptacles, preferably spill-proof, which may be replenished from the water fountains. Participants may also wish to bring their own bottled water. In this case, it would be appreciated if any plastic bottle waste is disposed of off-site.

6.3 Lunch will not be provided during the meeting. Participants are required to make their own arrangements. Meals for purchase are available in the vicinity of the ICAO APAC office, as marked on the map below.

6.4 Participants should note that the meeting Order of Business will resume promptly at the programmed time following the lunch break (normally 1 hour).

7. Further Information

7.1. Smoking is prohibited within the ICAO APAC buildings. Participants wishing to smoke are invited to use the designated smoking areas.

7.2. Information about weather conditions may be found on the website of the Thai Meteorological Department at <https://www.tmd.go.th/en>. Tropical or lightweight and washable cotton will suffice and woollens are not necessary.

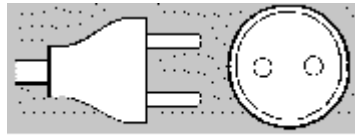
7.3. Dress code for the meeting is formal. Casual clothing is not suitable for the meeting.

7.4. Bangkok time is 7 hours ahead of Co-ordinated Universal Time (UTC+7).

7.5. International credit cards such as American Express, Diners Club, JCB, Visa, Master Card, Union Pay, etc. are normally accepted at major hotels and department stores.

7.6. All commercial banks exchange major foreign currencies and are open from 0830 to 1530 hours from Monday through Friday and some keep the foreign exchange counter open until 2000 hours during weekdays. Foreign exchange counters operated by various commercial banks are located at several places in the city and are also open on Saturdays and Sundays and on public holidays from 1000 to 2000 hours. To change travellers' cheques, you are required to show your passport.

7.7. The type of electrical plug and socket typically used in Thailand is two parallel prongs:



Plug Type C



7.8. For further information, please contact the Secretariat at:

Tel: +66-2-537 8189

Fax: +66-2-537 8199

E-mail: apac@icao.int

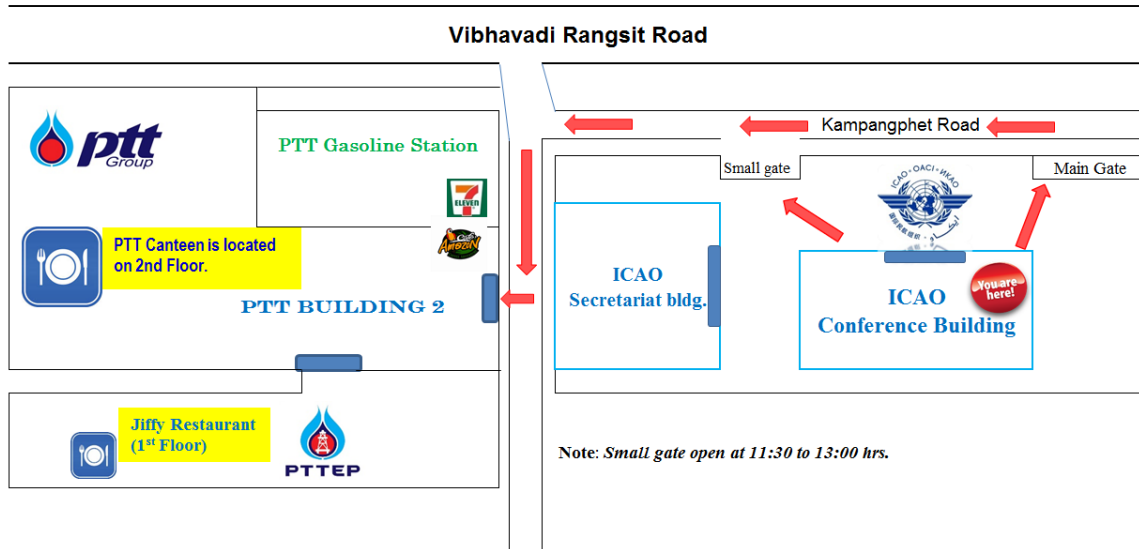
Office location and Public Transport Stations



Food Services Direction



**CENTARA
GRAND**
AT CENTRAL PLAZA
LADPRAO BANGKOK



ICAO APAC Regional Office Health and Safety Information for Meeting Participants

PERSONAL RISK ASSESSEMENTS:

1. Participants should strictly **not attend** meetings if they are unwell, have a runny nose, sore throat, headache, muscle pain, fever, cough or any other respiratory symptoms; as well as any gastrointestinal symptoms such as nausea, vomiting or diarrhea.
2. Meeting participants are advised to conduct their own personal risk assessment when choosing to attend in-person meetings. The following conditions may put you at greater risk of serious complications if affected by COVID-19:
 - Hypertension
 - Obesity (BMI equal to or greater than 30)
 - Chronic lung diseases (including, but not limited to, severe asthma)
 - Diabetes, type 1 and 2
 - Cardiovascular diseases
 - Cancer or history of cancer, even if in remission
 - Severe liver or kidney disease
 - Pregnancy
 - Conditions or treatments that may affect immunity
 - Age, 60 years old and above
 - Other conditions or treatments as recommended by your treating physician
3. Participants are advised to have health insurance coverage for your stay in Thailand, and bring an adequate supply of routine medication or other medical supplies as needed.

PREVENTION AND PERSONAL PRECAUTIONS:

1. Participants are to wear a medical mask that covers the nose to under the chin at all times during the meeting and inside the ICAO building premises, except when you take the floor to speak in the respective conference/meeting room.
2. In case of symptoms of cough or fever, difficulty breathing, sudden loss of smell or taste without nasal congestion, or any other symptom associated with COVID-19, **please do not come to the ICAO APAC Regional Office**. In addition,
 - o Participants are advised to perform a rapid test as soon as possible. If you do not have access to a rapid test, you must self-isolate.
 - o If you have a COVID-19 positive test result, you must inform the meeting organizer and not attend the meeting in person.
3. If you have been in close contact with a COVID-19 case, please self-monitor and practice DMHT (distancing, mask, handwashing, testing) for 5 days.
4. If you become unwell during a meeting, immediately notify the Organizers of the meeting, or any ICAO personnel on site.

PERSONAL ACCOUNTABILITY COMMITMENT:

All meeting participants agree to abide by and engage in the required health-and-safety-measures while on ICAO premises. This includes, but is not limited to, all the measures mentioned above as well as any circumstances not covered by these guidelines, which may be subject to special consideration and stipulations, as deemed appropriate.

SAIOSEACG — TASK LIST

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
3 (SEACG)	Radar data sharing	SAIOSEACG/2	Lao PDR, Thailand	Open	<p>Raised at SEACG/16.</p> <p>Lao PDR and Thailand agreed to share the radar data. Lao PDR and Thailand will further coordinate. To discuss at the Mekong meeting, and report to SEACG24.</p> <p>Task updated at SEACG/26. No report received.</p> <p>MEKONG to discuss and report to SEACG/27.</p> <p>Task updated at SAIOACG/10 and SEACG/27. No report received.</p> <p>Updated at SAIOSEACG/1: Thailand may need to reconsider cost and benefit of the project before going to the next step due to COVID-19 impacts.</p>
2/10 (SAIOACG)	BOB States to present the analysis outcomes of local fleet equipage and the expected PBCS implementation date for RNP4 with 30NM longitudinal and 23NM lateral performance-based separation minima. IATA to survey member airlines on their RNP and PBCS readiness for possible non-exclusive mandate of January 2024.	BOBTFRG/4	BOB States, IATA	Open	<p>India has implemented 30/30NM on four ATS routes in the near term. Adjacent States should consider a coordinated implementation of similar performance-based separations, taking into account PBCS requirements. This task is also part of the BOBTFRG.</p> <p><u>BOBTFRG/2 developed and agreed the implementation timeline for 30NM longitudinal spacing over BOB airspace, expected by 2024, which also require the mandating of ADS-C/CPDLC by 1 January 2023.</u> Due to the COVID-19 impact on airline operators, IATA requested for the discussion on the mandate proposal to be deferred until Q2-Q4 2021.</p> <p>Discussed at BOBTFRG/3 on a non-exclusive mandate of implementation timelines for the BOBTFRG Priority Areas. (Refer to Appendix E to the Report of BOBTFRG/3)</p> <p>Updated on 17 Mar 2022 by IATA – survey for analysis is on-going, showing majority of its member airlines are mostly PBCS capable and approved.</p> <p>Updated at SAIOSEACG/1 WP04</p>
4/4 (SAIOACG)	India to present paper on the follow up actions of tasks identified in SAIOACG/4 SEACG/21 Appendix E (2014)	BOBTFRG/4	India	Closed	No progress or update since 2014

SAIOSEACG/2
Attachment E

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
17 (SEACG)	L642/M771 to reduce longitudinal spacing 50NM to 20NM	SCSTFRG/10	China, Hong Kong China, Singapore, Viet Nam	Open	SEACG/21 - Reduce longitudinal separation from 50NM to surveillance-based separation on L642/M771. Hong Kong agreed to in 2016, subject to a moratorium period of six months after the NATS review 2018. Updated at SEACG/26. Discussion between Hong Kong and Sanya ACCs for implementation of 20NM longitudinal spacing in progress. SCSTFRG/9 Report re: WP/02. Updated on 14 Feb 2022 by HK China – Discussion on-going with positive progress btw Sanya and HK China, and Singapore is ready, pending Viet Nam’s active engagement. Updated on 16 Feb 2022 by Viet Nam – already agreed to 20NM implementation on 23 Nov 2021
8/1 (SAIOACG) 27/1 (SEACG)	Resolve FIR and SRR boundary data. Report status to Regional Office	October 2022	Bangladesh, Cambodia, China, Hong Kong China, India, Japan, Myanmar, Pakistan, Thailand, Viet Nam	Open	SAIOACG/8 and SEACG/25 Report re: WP07. Regional Office to Report to ATM/SG/6. SAIOACG/10 and SEACG/27 Report re: WP12. SAIOSEACG/1 Report re: WP11
8/5 (SAIOACG)	Revise PfAs for Arabian Sea ATS Routes, and coordinate with ESAF Region	SAIOSEACG/2	India, Secretariat	Open	SAIOACG/8 and SEACG/25 Report re: WP29.
8/8 (SAIOACG)	Present final planning assurances (bypass plans) and update Contingency Coordination Team information for Afghanistan Contingency Plan	SAIOSEACG/2	India, Pakistan	Open	SAIOACG/8 and SEACG/25 Report re: WP19.
8/9 (SAIOACG)	Bay of Bengal Danger Areas – tactical coordination, reduced vertical limits, correction of AIP and NOTAM promulgation to align with Annex 15	ATM/SG/10	Bangladesh, India, ICAO	Open	SAIOACG/8 and SEACG/25 Report re: WP28. SAIOACG/10 and SEACG/27 Report re: WP23.

SAIOSEACG/2
Attachment E

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
25/11 (SEACG)	Phnom Penh ATS Contingency Routes and FLAS	SCSTFRG/10	Cambodia, Lao PDR, Thailand, Viet Nam	Open	SAIOACG/8 and SEACG/25 Report re: WP32. Updated SEACG/26. Task updated at SAIOACG/10 and SEACG/27. Updated at SAIOSEACG/1 – Thailand provide feedback that Cambodia, Lao PDR, Malaysia and Myanmar signed on ATS LOA for ATM Contingency Routes and FLAS, and new version published in the AIP-Thailand. Cambodia – drafted ATM Contingency Plan (effective date 1 Apr 2022) with plan for LOA coordination with Thailand, Lao PDR for revision and Viet Nam for new.
26/2 (SEACG)	Philippines to report on activity to rectify HF voice communications reliability/availability problems	SEACG/28	Philippines	Completed	SEACG/26 Report IP03. Post- SAIOACG/10 and SEACG/27 Meeting Update 12 April 2021: Philippines advised Manila Sector 9 has been implemented. Airspace users indicate CPDLC communications satisfactory in Manila FIR, but long-term unreliability/unavailability of HF voice communications persists. (refer to SCSTFRG/9 FL01)
26/7 (SEACG)	Finalize ANP PfA for SCS bypass route north from Biak	ATM/SG/10	Indonesia, USA, Secretariat	Open	SEACG/26 Report WP26. Task updated at SAIOACG/10 and SEACG/27. Task updated at SAIOSEACG/1
26/8 (SEACG)	Coordinate implementation plan RNP 2 nav spec on ATS routes L642, M771, N892	SCSTFRG/10	China, Hong Kong, China, Philippines, Singapore, Viet Nam, IATA	Open	SEACG/26 Report WP27. SAIOACG/10 and SEACG/27 Report re: WP16 No update at SCSTFRG/9 Update by Singapore (14 Feb 2022) – ready to implement Update by Viet Nam (16 Feb 2022) – fully support, or alternatively RNP4 if not air operators equipage issue Updated at SAIOSEACG/1 - HK China wishes to go for RNP 2 after 20NM longitudinal separation

SAIOSEACG/2
Attachment E

ACTION ITEM	DESCRIPTION	TIME FRAME	RESPONSIBLE PARTY	STATUS	REMARKS
10/1 (SAIOACG)	Engage in three party discussion between India, Indonesia and Malaysia to support the mitigating of LHDs at Chennai – Kuala Lumpur interface (Hot Spot A2).	BOBTGRT/4	India, Indonesia, Malaysia	Completed	SAIOACG/10 and SEACG/27 Report re: WP04. BOBTFRG/3 Report re: WP/02. BOBTFRG/3 – Indonesia, India and Malaysia agreed to make offline discussion and would report update at SAIOSEACG/1. Updated on 8 Mar 2022 by India: LHD issue had reduced to near Zero after AIDC implementation and SB ADS-B coverage. Updated at SAIOSEACG/1 – This task to be completed with LOA amendment between States concerned regarding the coordination procedures as required. Update by Malaysia: LOA between KL and Chennai had been amended to reflect the changed coordination procedures with AIDC implementation.
10/2 (SAIOACG)	Conduct a review of Myanmar Level 2 Contingency Plan, which include an additional contingency ATS route and flight levels.	BOBTFRG/4	Bangladesh, China India, Lao PDR, Myanmar, IATA	Open	SAIOACG/10 and SEACG/27 Report re: WP18. Updated at SAIOSEACG/1 - India's discussion with Myanmar is on going
10/3 (SAIOACG) 27/3 (SEACG)	Develop a consolidated Term of Reference for ATM/SG consideration.	ATM/SG/9	ICAO RSO	Completed	SAIOACG/10 and SEACG/27 Report re: WP26. Endorsed by APANPIRG/32
1/1 (SAIOSEACG)	Provide updates on BOB FLAS Chart, and review LOAs with adjacent FIRs if there is discrepancy in flight levels for allocation.	30 April 2022	BOB States	Open	SAIOSEACG/1 WP04

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