**The Seminar on Air Traffic Management Automation System and
the Fifth Meeting of the Asia/Pacific Air Traffic Management Automation System Task Force**

**4 – 7 June 2024, Chengdu, China**
(All time in Indochina Time/ICT, UTC +8)

| Time | Schedule |
|---|---|
| | *Day-1: 4 June (Tuesday)* |
| *08:30-09:00* | Registration |
| *09:00-09:30* | <u>Session 1</u>   **Opening**<br>• Opening Remarks by Mr. Li Qiguo, DDG of ATMB<br>• Opening Remarks by Mr. Luo Yi, RO CNS, ICAO APAC Office<br>• Opening Remarks by Mr. Kwek Chin Lin,  Co-Chair of the ATMAS TF<br>• Administrative Information<br>    ***Group Photo***<br>**Note:**<br>  1) *Please use <u>IP/01- Meeting Bulletin</u> for guidance to join the meeting.*<br>  2) *Download <u>meeting documents</u> before meeting start.* |
| *09:30-10:20* | **Tea/Coffee Break** |
| *10:20-12:00* | <u>Session 2</u><br>• Introduction of Participants<br><br>    *Moderators:  Mrs. Xie Yulan, co-chairs of ATMAS TF*<br><br>**Presentation 1:** *Experience Sharing of A-SMGCS IV operation in Daxing International Airport*<br>   *Mr. Xin CHAI, Mr. Yaodong SONG, Mr. Xiaoyu CHEN*<br>   *ATMB*<br><br>**Presentation 2:** *Design and implementation of the integrated cyber-security solution for ATMAS and Tower ATMAS*<br>   *Mr. Xinyu GONG*<br>   *ATMB*<br><br>**Presentation 3:** *Safety Operation and Intelligent Control Solutions for Large Airports_*<br>   *Dr. Jianhua GUO, Dr. Jing LI, Mr. Zhi YANG, Mr. Yi WEN*<br>   *The Second Research Institute of CAAC* |
| *12:00-13:00* | **Lunch Break** |
| *13:00-14:00* | <u>Session 3</u><br><br>    *Moderators:  Mr. Kwek Chin Lin, co-chairs of ATMAS TF*<br><br>**Presentation 4:** *Application of Virtualisation Technology in Air Traffic Management Systems of CAAC*<br>   *Mr. Hanwen ZHANG*<br>   *Nanjing LES Information Technology, nominated by ATMB*<br><br>**Presentation 5:** *Large Area ATM Automation System Analysis and Optimization*<br>   *Mr. Baojun WEI, Mr. Yingheng WANG, Ms. Yuanli WANG*<br>   *Air Traffic Management Bureau (ATMB), China*<br><br><br>**Presentation 6:** *Research on Key Technologies and Applications for Preventing Runway Incursions*<br>   *Mr. Weiqing CHEN, Ms. Xuedi ZHAO, Mr. Yunpeng Li*<br>   *ATMB* |
| *14:00-14:30* | **Tea/Coffee Break** |
| *14:30-16:00* | <u>Session 4</u><br><br>    *Moderators:  Mrs. Xie Yulan, co-chairs of ATMAS TF* |

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| | **Presentation 7:** *Surveillance and Automation provisions*<br>  *Mr. Alex Milns, Technical Programme Manager*<br>  *EUROCAE*<br>  *Mr. Alexander Engel, ASTERIX Manager*<br>  *EUROCONTROL*<br><br>**Presentation 8:** *ASTERIX Status*<br>  *Mr. Alexander Engel, ASTERIX Manager*<br>  *EUROCONTROL*<br><br>**Presentation 9:** *ATM Certification Framework*<br>  *Mrs. SENECHAL Anne , Senior ATM/ANS Expert*<br>  *EASA* |
| *!7:30-19:30* | **Welcome Dinner hosted by ATMB** |

| Time | Schedule |
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| colspan | *Day-2: 5 June (Wednesday)* |
| *09:00-10:00* | **Session 5**<br><br>**Agenda Item 1: Adoption of the Agenda**<br>  *WP/01 – Provisional Agenda – Sec*<br><br>**Agenda Item 2: Review of the outcomes of relevant meetings**<br>  *WP/02 – Review of Relevant Meetings – Sec*<br>  *WP/07 -  Update from RASMAG/28 – Sec*<br>  *WP/09 – Outcomes of ACSICG/11 – Sec*<br>  *WP/10 – Outcomes of SURICG/9 – Sec*<br><br>**Agenda Item 3:  Global and Regional ATM Automation System Updates**<br>  *WP/03 - Global and Regional Updates – Sec* |
| *10:00-10:30* | **Tea/Coffee Break** |
| *10:30-12:00* | **Session 6**<br><br>**Agenda Item 4:  ATM Automation System Implementation Experience by States**<br><br>  4.1  ATM Automation System Implementation Issues Sharing<br>*IP/03 - Optimizing Air Traffic Services in Papua Through Centralization of Services with New Integrated ATM Automation System – Indonesia*<br>*IP/08 - The Application and Tuning of the MTCD Function for Enroute Control - CHN*<br>*IP/17 - Introduction of AIOps application in ATMAS - CHN*<br><br>  4.2  Resilience Consideration and Contingency Planning<br>  *Nil*<br>  4.3  Life cycle management<br>  *Nil*<br>  4.4  Integration with External Systems<br>*IP/04 - Integration of Space-Based ADS-B in PHL ATM System  - Philippines*<br>*IP/05 -  Integration of Bataraza ADS-B in PHL ATM System – Philippines*<br>*IP/09 - Implementation and Application of Data Exchange Between ATM Information Systems - CHN* |

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| | *IP/15 - Integration of Airport Emergency Grid Map with Tower ATM Automation System - CHN* |
| ***12:00-13:00*** | **Lunch Break** |
| ***13:00-14:30*** | **Session 7**<br><br>4.5    Development of New Technology<br>*WP/13 - Considerations in design of IAD for HKIA -HKG*<br>*IP/02 -Development of Incheon ARTS for Second Stage of A-CDM Operation – Korea*<br>*IP/07 - Achieving environmental benefits through implementation of WTG and AST at HKIA - HKG*<br>*IP/10 - Container Application and Microservice Exploration of ATMAS Servers - CHN*<br>*IP/18 - Introduction of Function Design and Operation Mode of Tower Automation System-CHN*<br>*IP/19 - Test and Application of Wide Area Multilateration System in ATMAS – CHN*<br>*IP/11 - Introduction to the Implementation of Cross Region ATFM Collaborative Platform - CHN* |
| ***14:30-15:00*** | **Tea/Coffee Break** |
| ***15:30-16:30*** | **Session 8**<br>*IP/12 - Research on Integrating Weather Radar Data into ATMAS -CHN*<br>*IP/13 - Optimization of Arrival Management Based on PBN – CHN*<br>*IP/14 – Requirements and expectation of next-generation ATMAS - CHN*<br>**Agenda Item 5:  Review ATMAS Implementation Status in APAC**<br>*WP/04 - Repository of the ATMAS in APAC - Sec*<br><br><br>**Agenda Item 6:  Review of Guidance Material of Implementation of ATM Automation System in Asia/Pacific Region (APAC ATMAS IGD)**<br>*WP/14 -  Updates to the  ATMAS Implementation and Operations Guidance Document - China, Hong Kong China, and Singapore*<br>*IP/22 - Better Automation Support to Display Position Or Route To ATC – Sri Lanka* |

| Time | Schedule |
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| | ***Day-3: 6 June (Thursday)*** |
| ***09:00-10:00*** | **Session 9**<br>**Agenda Item 7:  ATS Inter-Facility Data - Link Communication (AIDC) Implementation Experience by States**<br>*WP/08 - Review of Core AIDC Messages in AIDC IGD based on Singapore's Experience - SGP*<br>*IP/20 - Review of the Implementation and Experience of AIDC in China*<br><br>**Agenda Item 8:  Review AIDC Implementation Issues Reported and Discuss Recommended Solutions**<br>*WP/15 - AIDC Implementation Issues Report – India, Indonesia and Singapore*<br><br>**Agenda Item 9:  Review AIDC Implementation Status in APAC**<br>*WP/05 - Repository of AIDC Implementation Status in APAC - Sec*<br>*IP/06 - AIDC in Republic of Korea*<br>*IP/16 - AIDC Implementation Status in Manila FIR - Philippines*<br>*IP/21 - AIDC Implementation Status in Colombo FIR -Sri Lanka* |

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| *10:00-10:30* | **Tea/Coffee Break** |
| *10:30-12:00* | **Session 10**<br><br>**Agenda Item 10: Review of the Terms of Reference (ToR) and Task**<br><br>*WP/06 - Review TOR & Task List - Sec*<br>**Agenda Item 11: Next Meetings and Any Other Business**<br>*WP/11 – GNSS vulnerability - Sec*<br>*WP/12 – ADS-B workshop - Sec* |
| *12:00-13:00* | **Lunch Break** |
| *13:00-17:30* | **Technical Trip**<br><br>**Visit Civil Aviation Technology Innovation Demonstration Zone**<br><br>about 1 hour from meeting hotel,<br>the visit will be administered in 2 groups and take about 2 hours.<br>16:30 return to hotel |

| Time | Schedule |
|---|---|
| *Day-4: 7 June (Friday)* | |
| *09:00-10:00* | **Session 11**<br><br>**Agenda Item 11: Next Meetings and Any Other Business**<br><br>*Next meeting date & Venue*<br>*Updating Required Information*<br>*Drafting the Meeting Report* |
| *10:00-10:30* | **Tea/Coffee Break** |
| *10:30-12:00* | **Session 12**<br><br>*Updated Action Items - Sec*<br>*Meeting Report*<br><br>***Closing remark by Madam Xie Yulan, Co-Chair of the ATMAS TF*** |
| *12:00-13:00* | **Farewell Lunch** |
| *13:00-16:30* | ***Closure of the meeting*** |