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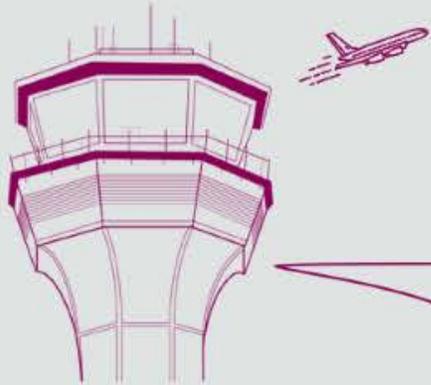
KINGDOM OF BAHRAIN

Ministry of Transportation  
and Telecommunications



مملكة البحرين

وزارة المواصلات والاتصالات



# ATM SG/7

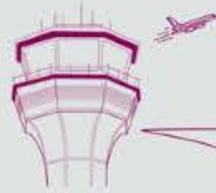
The MIDANPIRG Air Traffic Management Sub-Group, Seventh Meeting

Virtual Meeting 15 – 18 November 2021



Presented by: Chief Air Traffic Management / Ahmed Bucheery.

State/ANSP/ORG: Bahrain Civil Aviation Affairs - Kingdom of Bahrain



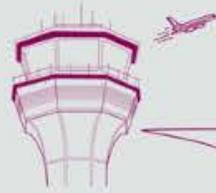
## Presentation outline

- Latest developments related to ATM/SAR in your State/ANSP/ORG.
- Identified needs and priorities.
- Challenges and difficulties.
- Ongoing and Planned projects.
- Lessons learnt.



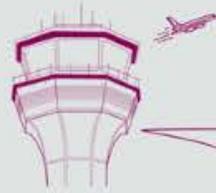
# Latest developments related to ATM/SAR in your State/ANSP/ORG.

- Bahrain ATC is fully RNAV 1 achieving maximum route efficiency and able to accept 10 MIT from all adjacent FIRs.
- OLDI implementation with UAE SZC since 2017.
- New Voice Communication Switching System (VCS) installed 2020
- Bahrain's current and future ATM System is fully compliant for CPDLC operations.
- New Air ground communication station completed in 2020.



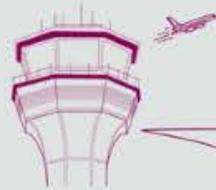
## Identified needs and priorities

- World Cup 2022 preparations ongoing with Regional and Internal benchmarks / timelines.
- Ongoing training and preparation for transition to the new FIC and radar situational software



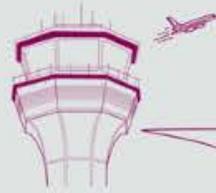
## Challenges and difficulties

- Ongoing proactive monitoring and assessment of post-covid traffic volumes and complexities.
- Continuation of pandemic emergency fallback procedures



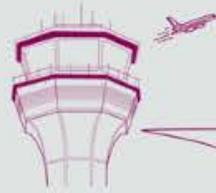
# Ongoing and Planned projects

- New ACC with New ATM System, training and transition is in progress with a completion date of April 2022
- Current ACC will then become the backup FIC with fully equipped and redundant systems for seamless transition during emergencies.
- Current ACC will also be used as a fully functional operational training/simulator environment
- Tower simulator upgrade project due for completion Q4 2022.

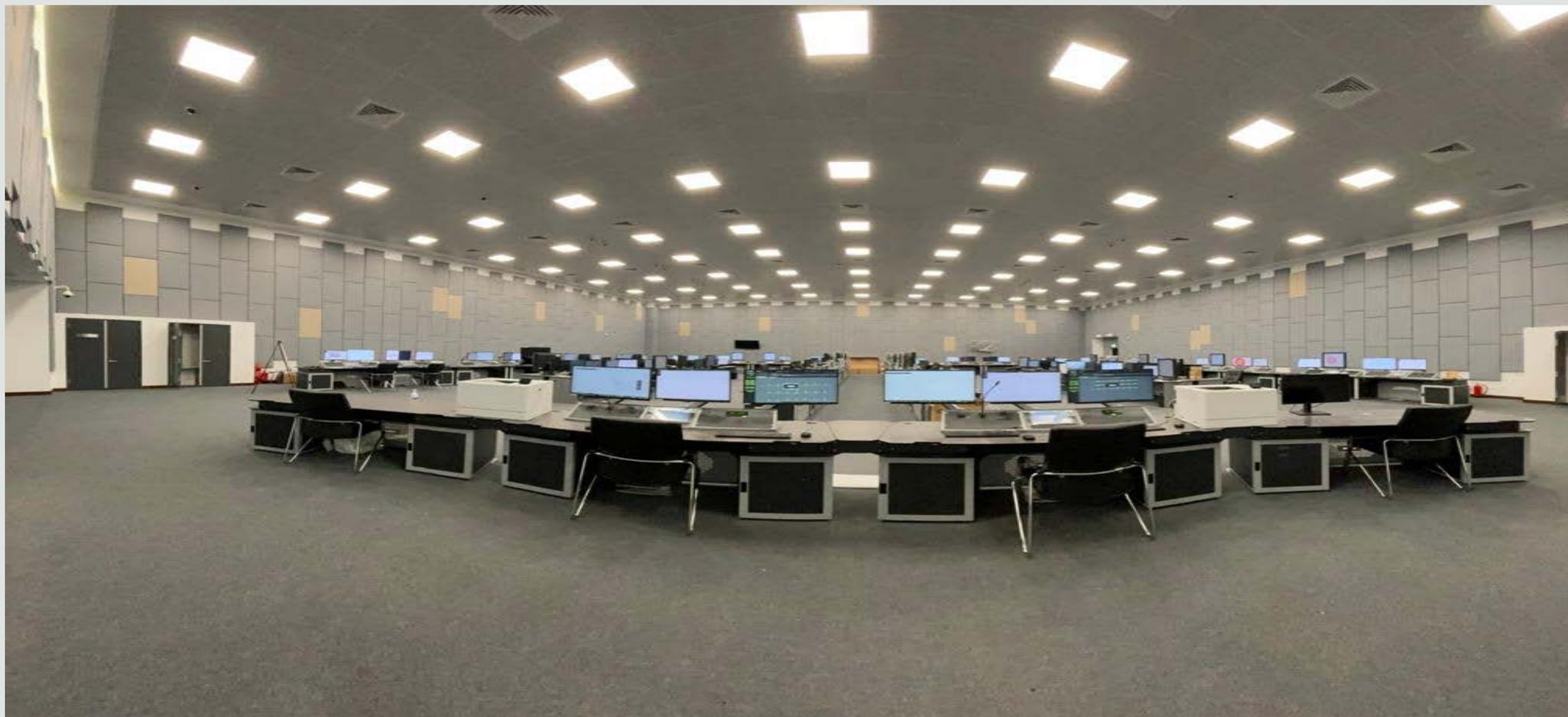


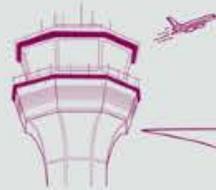
## Cont. Ongoing and Planned projects

- ADS B project is ongoing. Expected delivery Q4 2022.
- Online Data Exchange Projects are on going with Kuwait and Jeddah FIRs.

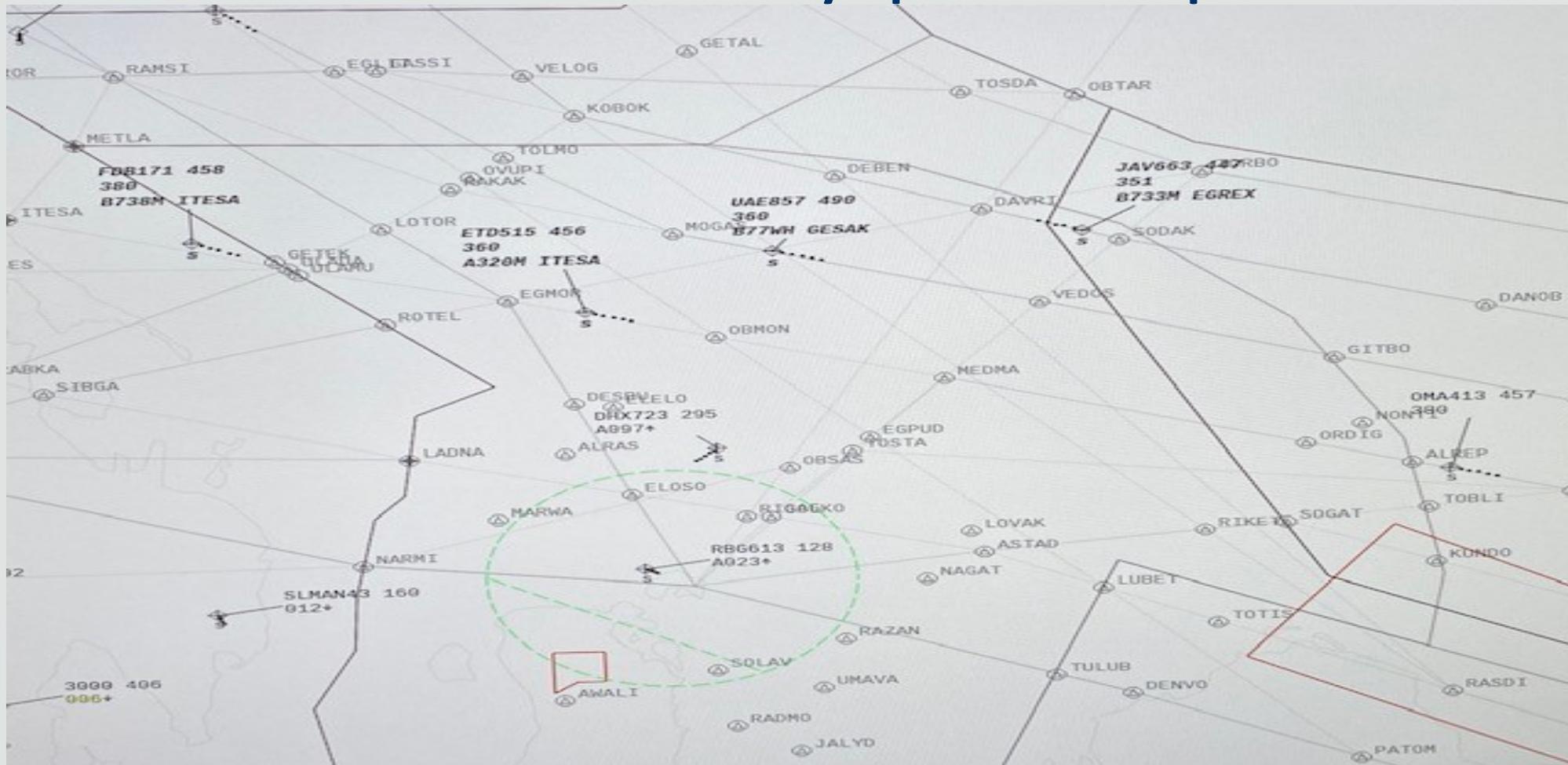


## New Flight Information Centre





## Bahrain ATM system is already installed with a total of 40 workstations and will be fully operational April-2022



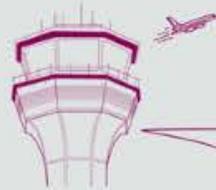


## Lessons learnt

will attempt to work with customers and adjacent units through ICAO and IATA to manage current and future challenges.



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# THANK YOU

