

ATM SG/8

The MIDANPIRG Air Traffic Management Sub-Group, Eighth Meeting

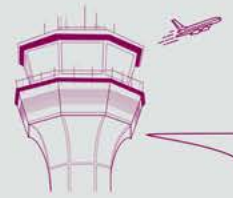
Amman, Jordan 7 - 10 November 2022



Eighth MIDANPIRG Air Traffic Management Sub-Group Meeting

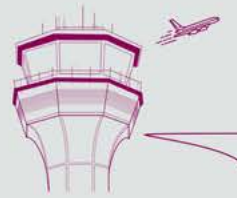
ATM SG/8 (Bahrain presentation)

Amman, Jordan, 7 – 10 November 2022



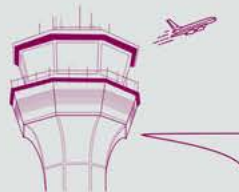
Presentation outline

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



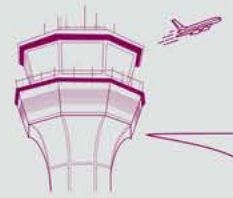
Latest developments related to ATM/SAR

- Bahrain FIR is fully RNAV 1 achieving maximum route efficiency and at moment applying 8 NM for traffic same level with UAE and Qatar.
- OLDI implementation with UAE SZC and Qatar.
- New LoAs have been signed with UAE and Qatar.
- New Voice Communication Switching System (VCS) installed 2020.



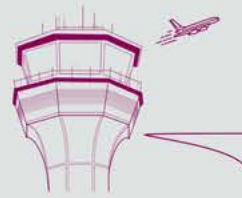
Cont. Latest developments related to ATM/SAR needs and priorities

- Bahrain's current and future ATM System is fully compliant for ADS-B, flight trajectory technologies and CPDLC operations.
- New Air ground communication station completed in 2020.
- New ACC with New ATM System is functional now.
- Old ACC is refurbished as a backup facility with fully equipped and redundant systems for seamless transition during emergencies.
- Old ACC will also be used as a fully functional operational training/simulator environment.



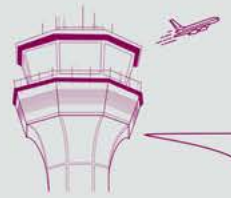
Identified needs and priorities

- World Cup 2022 preparations ongoing with Regional and Internal benchmarks / timelines.



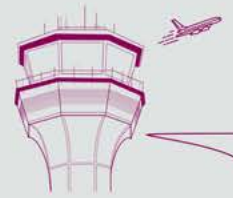
Challenges and difficulties

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



Ongoing and Planned projects

- Tower simulator upgrade project due for completion Q4 2022.
- ADS- B project is ongoing. Expected delivery Q4 2022.
- Online Data Exchange Projects are on going with Kuwait and Jeddah FIRs.
- Proposed airways with KUWAIT.

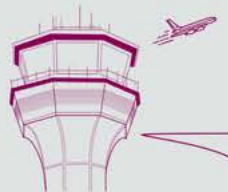


Lessons learnt

- The rewards of involving airspace users and neighboring ANSPs in developing and enhancing the provision of ATS.
- The collaboration & cooperation with ICAO and IATA to manage current and future challenges.



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THANK YOU

