



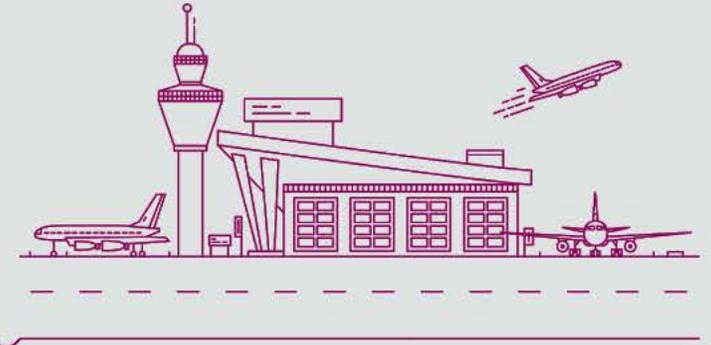
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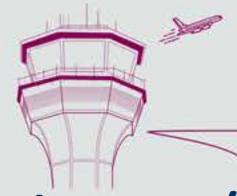
The MIDANPIRG Air Traffic Management Sub-Group, Ninth Meeting

Sharm El Sheikh, Egypt 14-16 November 2023



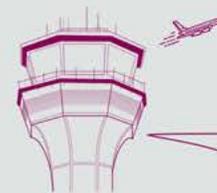
Presented by:

UAE GCAA



Updates on Contingency plan /SAR Agreements

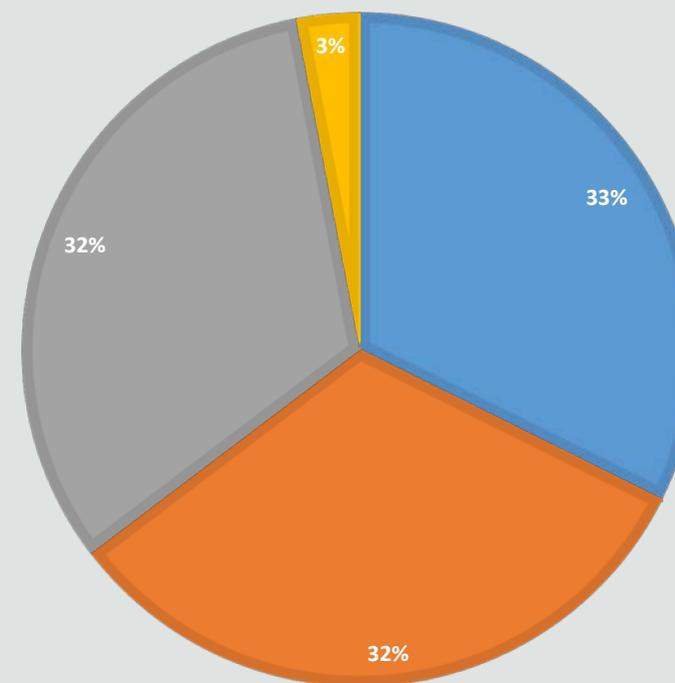
- Contingency plan Agreements signed with Bahrain, Iran, Oman, Saudi Arabia and recently with Qatar.
- SAR agreements signed with Bahrain, IRAN, Oman and Qatar
- SAR agreements still pending with Saudi Arabia.

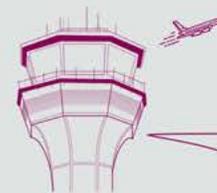


Traffic Demand in Emirates FIR

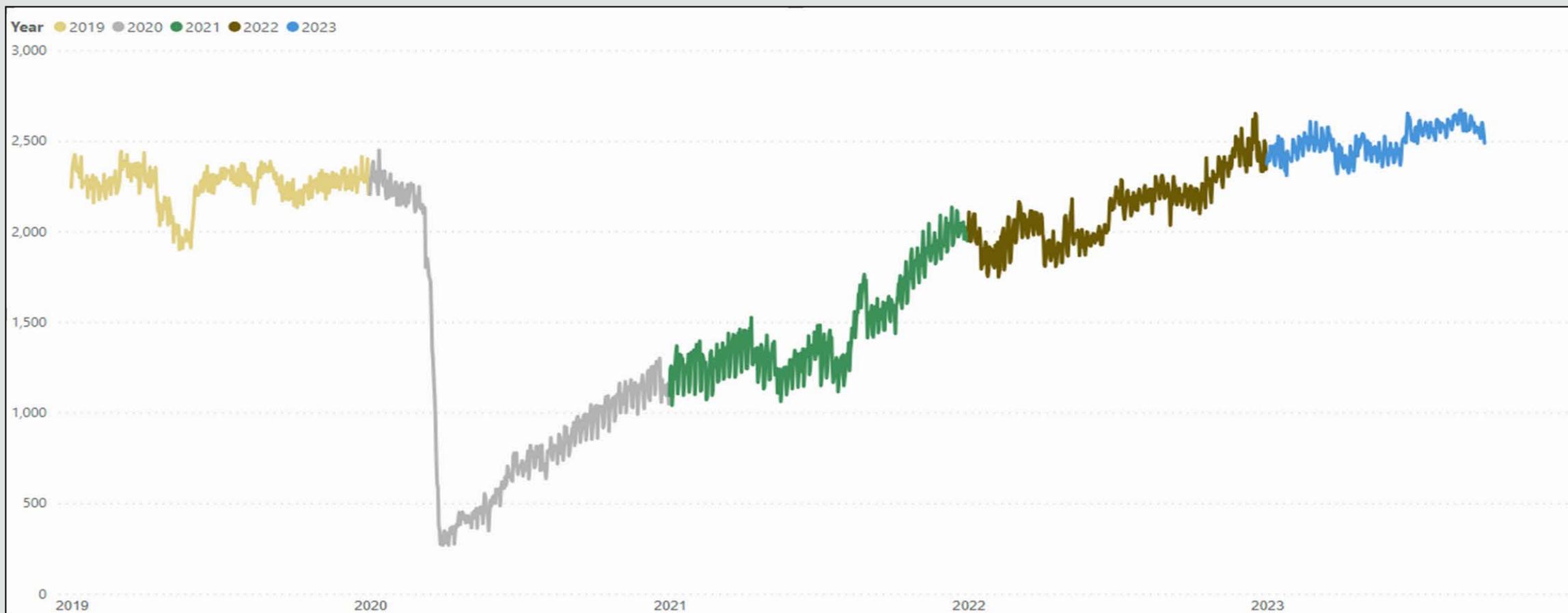
- **Total number of movements January – October 2023 is 765 762**
 - **21% increase compared to same period in 2022**
 - **11% increase compared to same period in 2019**

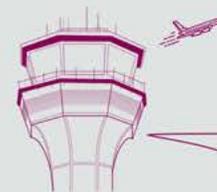
■ Overflights ■ Arrivals ■ Departures ■ Domestic and other





Traffic Demand in Emirates FIR

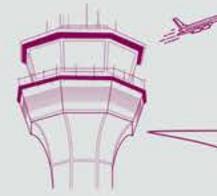




UAE Civil Military Cooperation

- General Civil Aviation authority signed emergency security control of air traffic with the UAE ministry of Defense.
- ESCAT is an emergency plan that prescribes the joint action to be taken by the UAE military, GCAA, and other ANSPs in the interests of national security to control air traffic under emergency conditions.
- ESCAT is published in UAE AIP in AIC 03/2023

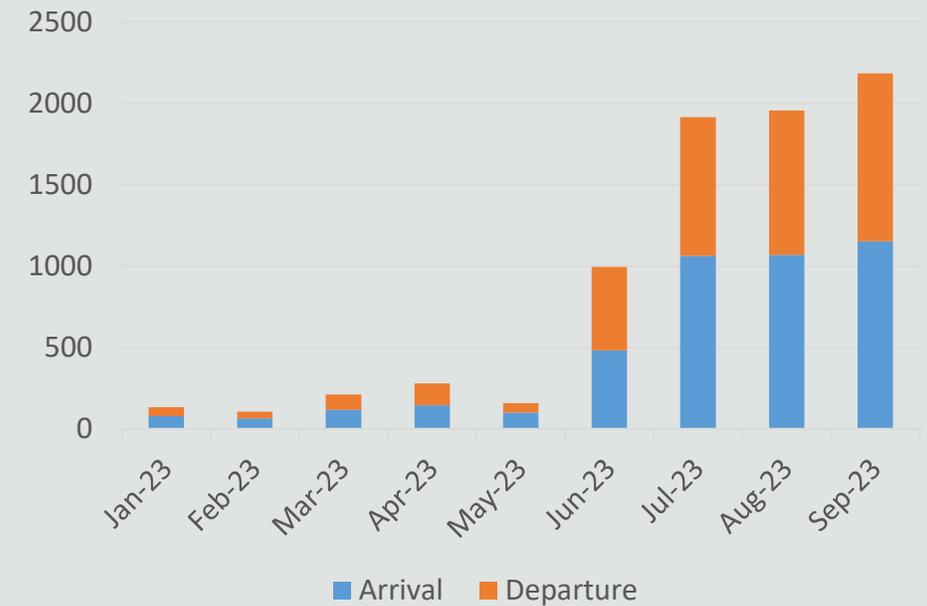


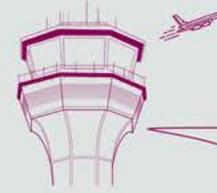


Increased Capacity in Empty Quarter

- Procedures for transfer of control between Emirates ACC and Jeddah ACC via ATS routes M318, G783, M550 and M628 has been reduced to 10 NM.
- Increase in the available capacity on the routes, compared to the previous 15 NM and 30 NM in trail requirements.
- Overall DFLOW Ground Delay reduced by 100%.

Monthly Traffic Demand M318 segment ATUDO - GOLGU





Implementation of FRA in Emirates FIR

الهيئة العامة للطيران المدني
GENERAL CIVIL AVIATION AUTHORITY



United Arab Emirates



Potential Benefit for operators (Fast-time Simulation)

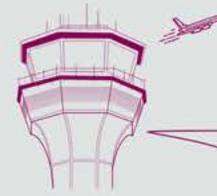
- Benefit of FRA is visible on the long-term accumulative run whether it's on the economy of the airspace users, routes network, & the environment

150
Flights/day



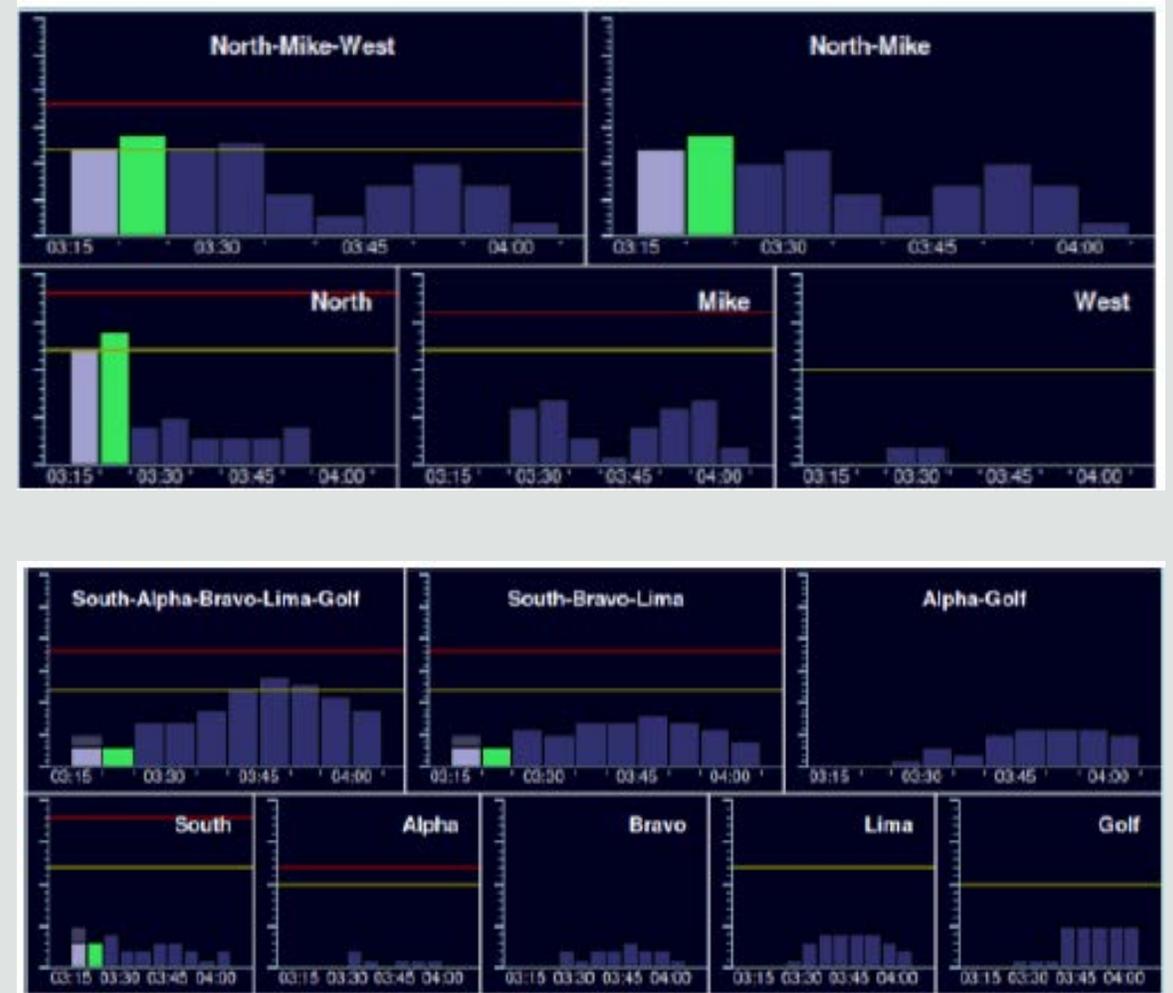
> 30 Million
KG of fuel
Saved

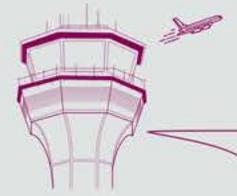
Savings exceed **AED 50 Millions**



TRAMON System

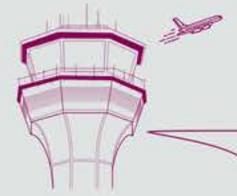
- Developed by Emirates ACC.
- The TRAMON system serves as a centralized platform for real-time and predictive oversight of traffic load across all airspace sectors.
- Enables agile and proactive decision-making processes for operational resource management and sector allocation.





Reduced Lateral Separation Project (RLAT)

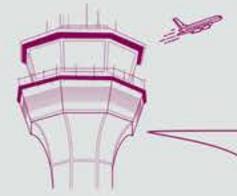
- Reduced Lateral Separation in ACC environment
- Objective is to implement 3 NM lateral separation, under specific conditions.
- Objective is supported by technical assurance from performance metrics of the ATM surveillance system.
- Expected implementation mid 2024.



COP28

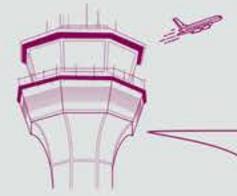
- Provide overview information regarding COP28 event, Head of State & VVIP flights movements during the event
- Expectations and considerations during the event.
- Collaborations and coordination with adjacent FIRs to facilitate the arrival/departure of HoS & VVIP aircraft





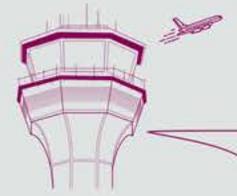
COP28

- The event will be held in Dubai between 27 Nov to 12 Dec 2023
- Delegations are expected from more than 200 countries
- 50,000 people expected to come to UAE to attend the event (including heads of state, international organizations, media, and others)
- High peak of travel to the UAE for National Day & school holidays during the event
- OMDW and OMAA will be the main airports to receive the event delegations



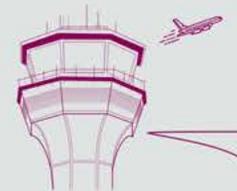
SZC Preparations Measures for the event

- Coordination was made with the relevant authorities and airports to manage air traffic movements during the event
- Addendum for current LoAs with internal ANSPs to manage COP 28 traffic.
- All the Heads of state and VVIPs flights will be given specific arrival slots.
- ATFM measures might be activated during the event.
- ATC operations staff has been raised to accommodate the expected increase in air traffic movements with a dedicated position to carry out the coordination.
- AIC has been published in UAE AIP regarding COP28



Expectations and Considerations

- Approximately 30% Increase (between 300 to 400 flights overall) on air traffic movements during the event.
- It is expected that the dates from 29th Nov to 02nd Dec to be the busiest day
- Last minute changes or updates might be required during the event on instant basis.
- Delays or diversions incase of emergency/security threat/weather.

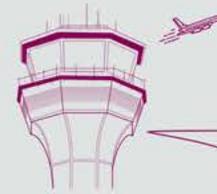


Conclusion

- Cooperation with adjacent FIRs during COP28 is going to be vital especially in the event required to delay or accelerate flights.
- Cooperation with adjacent FIRs will be required in the event of any kind of emergency or weather conditions.
- Cooperation with adjacent FIRs will be required to provide HoS or VVIP flight the priority required.



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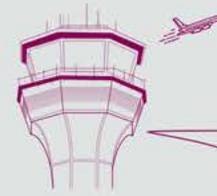
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Q&A



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THANK YOU

