



ATFM TF/6

Sixth Meeting of the MIDANPIRG Air Traffic Flow Management Task Force

Virtual Meeting 27 - 28 June 2022



Egypt ATFM challenges during COP27 & Qatar World Cup 2022

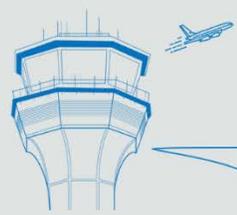
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Virtual, 27 – 28 June 2022



ICAO MID

AI1: Provisional Agenda



Agenda Item 1: Adoption of the Provisional Agenda

Agenda Item 2: Global developments related to the ATFM

Agenda Item 3: Regional framework:

- Follow-up on the MIDANPIRG/19 outcomes
- Operational data exchange model
- National ATFM implementation steps
- States experience and challenges
- FIFA World Cup 2022 Framework:
 - FWC 2022 Operational Plan.
 - Updated traffic forecast and expected challenges, and expectations.
 - FWC 2022 ATFM Implementation Plan, LoAs and training.
- Flight planning system capabilities
- MID ATFM implementation Action plan: Training phase

Agenda Item 4: Future Work Programme

Agenda Item 5: Any other Business



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Outlines:

- 1) Overlap period***
- 2) COP27***
- 3) Egypt ATFM efforts***
- 4) Challenges***
- 5) Action by the meeting***



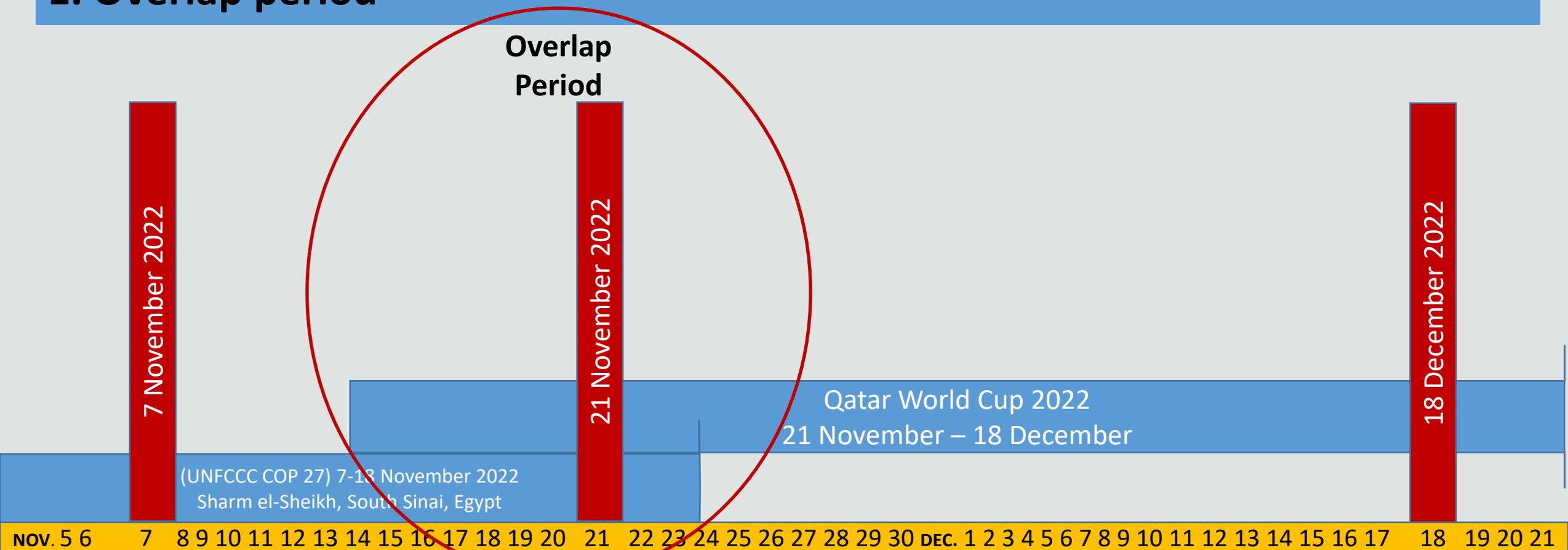
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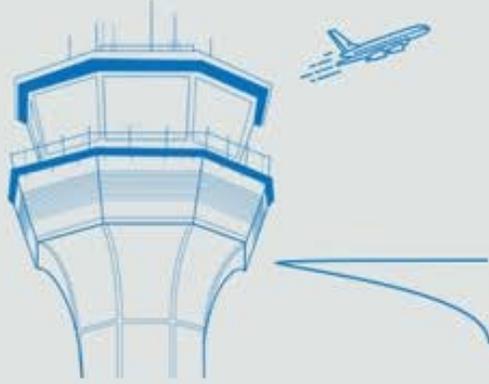
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1. Overlap period





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2. COP27:

- COP27 will bring governments together to accelerate global efforts to confront the climate crisis.
- The 27th session of the Conference of the Parties (COP 27) to the UNFCCC will take place in Sharm El-Sheikh, Egypt.
- COP 27 was originally expected to take place from 8-20 November 2021.
- Due to the COVID-19 pandemic, COP 26 was rescheduled from November 2020 to November 2021.





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2. COP27:

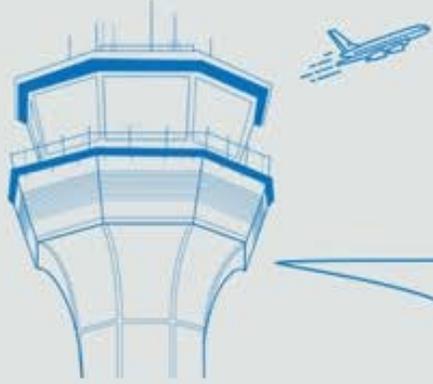
- As a result, COP 27 will take place from 7-18 November 2022.
- Expected 30k to 35k participants.



SHARM EL-SHEIKH

COP27

NOVEMBER 2022



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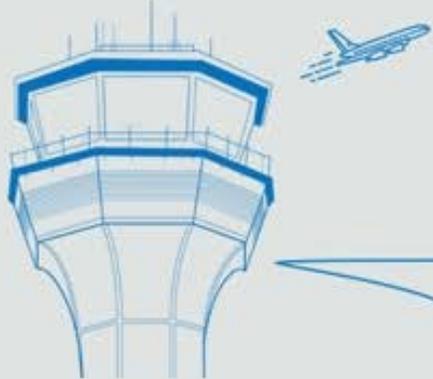
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2. COP27:

- 20 new stands at Sharm Elsheikh int. airport.
- 12 new stands at Hurghada int. airport.
- Study capacity measures during COP27 to manage traffic demand.





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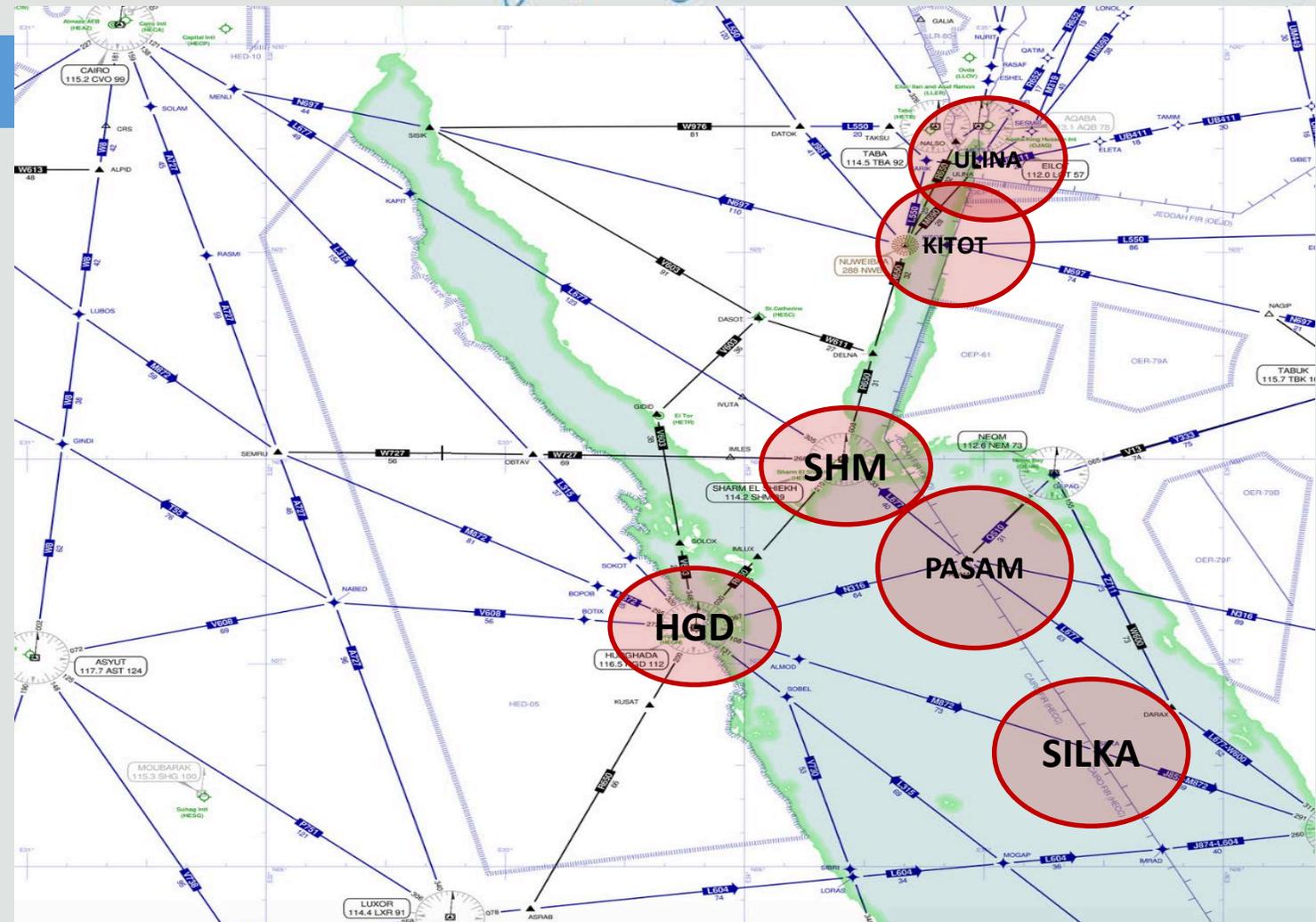
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2. COP27:

➤ Common affected area during overlap period.





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3. Egypt ATFM efforts:

a) Establishment of Route L323

Elucidation:

New ATS Route (RNAV5) agreed with Sudan to facilitate traffic flow from/to west and Central Africa.

Status:

- ICARD work done.
- Added in ANP.
- Joint work with Sudan to finalize PFA.
- Expected effective date 8 Sept. 2022



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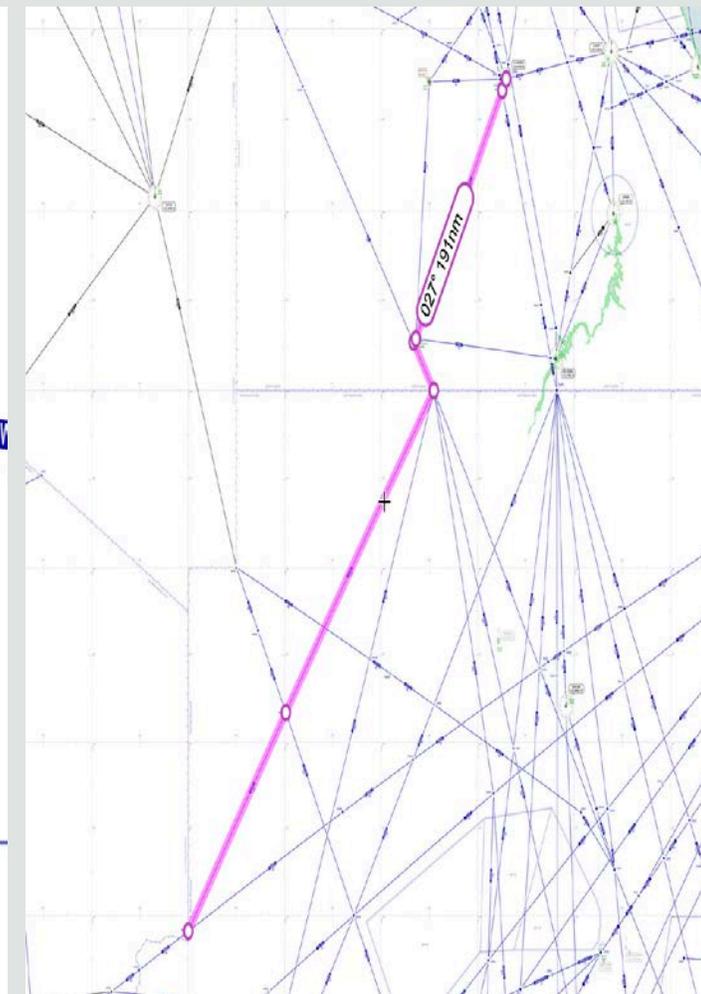
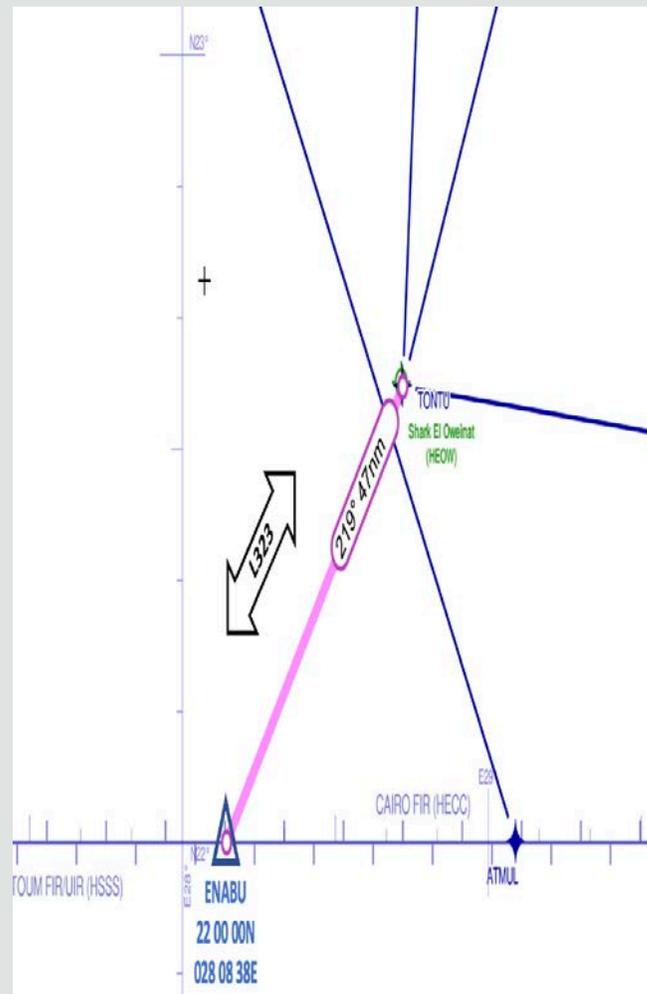


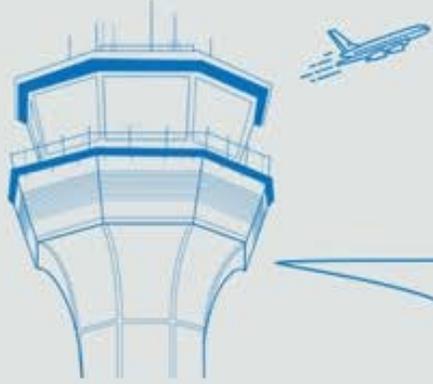
3. Egypt ATFM efforts:

a) Establishment of Route L323

□ Benefits:

Previous Route	ASKOL – ATMUL – USER POINT TONTU – DESDO - KHG
L323	ASKOL - ENABU – TONTU – DESDO - KHG
Saving	27 NM/Flight





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3. Egypt ATFM efforts:

b) Establishment of Route M565

Elucidation:

New ATS Route (RNAV5) agreed with Sudan to facilitate traffic flow from East Africa.

Status:

- ICARD work done.
- Added in ANP.
- Expected effective date 8 Sept. 2022



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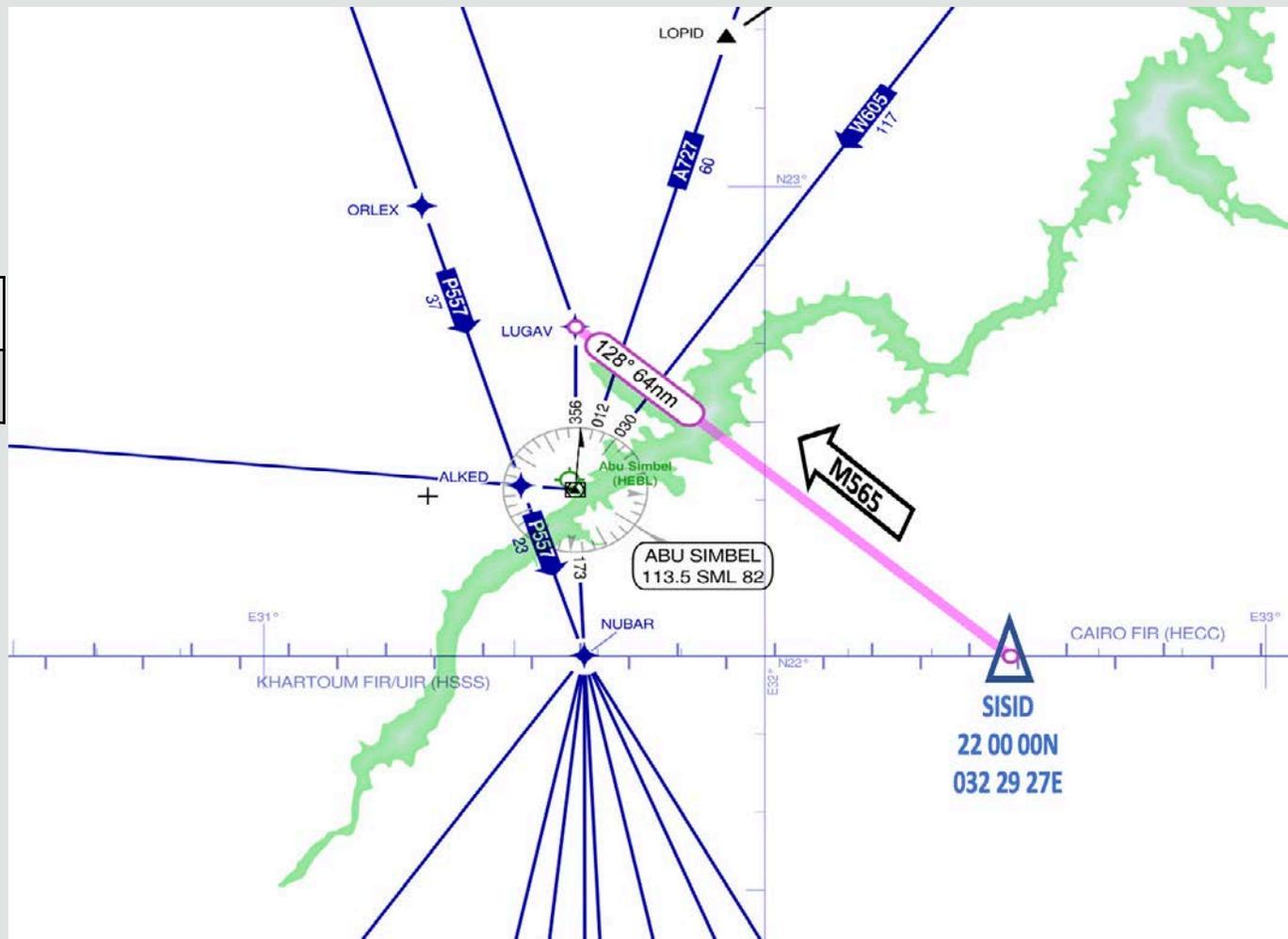
3. Egypt ATFM efforts:

b) Establishment of Route M565

☐ Benefits:

M565	SISID - LUGAV
Length	64 NM/Flight

Will redistribute the traffic workload in KHARTOUM FIR and reduce the traffic capacity over NUBAR





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3. Egypt ATFM efforts:

c) Establishment of Route L324

Elucidation:

New ATS Route (RNAV5) agreed with Cyprus to facilitate traffic flow from/to European Region.

Status:

- ICARD work done.
- Added in ANP.
- Published and implemented.



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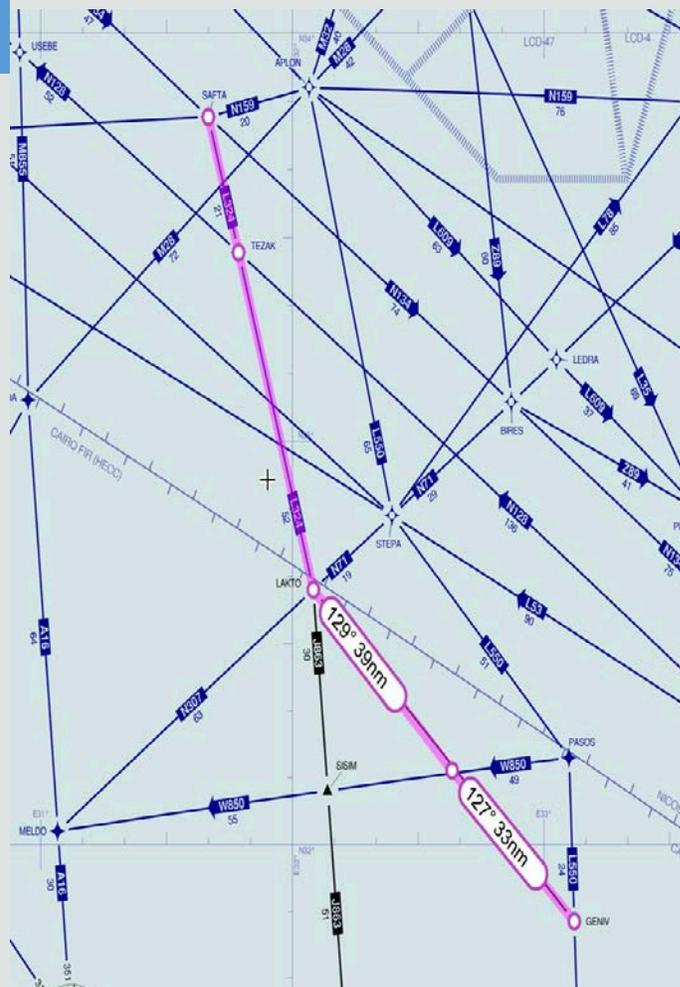


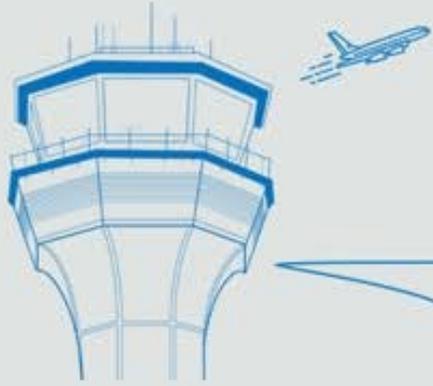
3. Egypt ATFM efforts:

c) Establishment of Route L324

□ Benefits:

Previous Route	SAFTA - 333034N0321050E - 331106N0321645E - STEPA - L550 - PASOS - GENIV
L324	SAFTA - L324 - TEZAK - L324 - LAKTO - 321103N0323806E - GENIV
Saving	4 NM/Flight





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3. Egypt ATFM efforts:

d) Establishment of Route T55

Elucidation:

New ATS Route (RNAV5) to facilitate traffic flow to Jeddah FIR.

Status:

- ICARD work done.
- Will be added in ANP as temporary ATS Route till further advice.
- Published and implemented.



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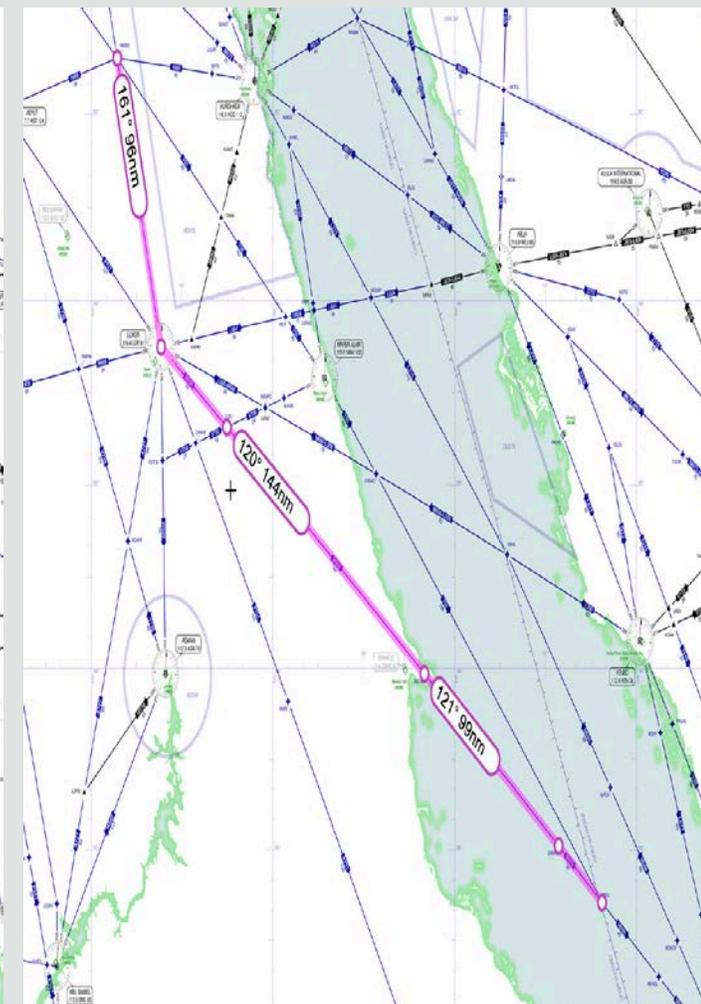
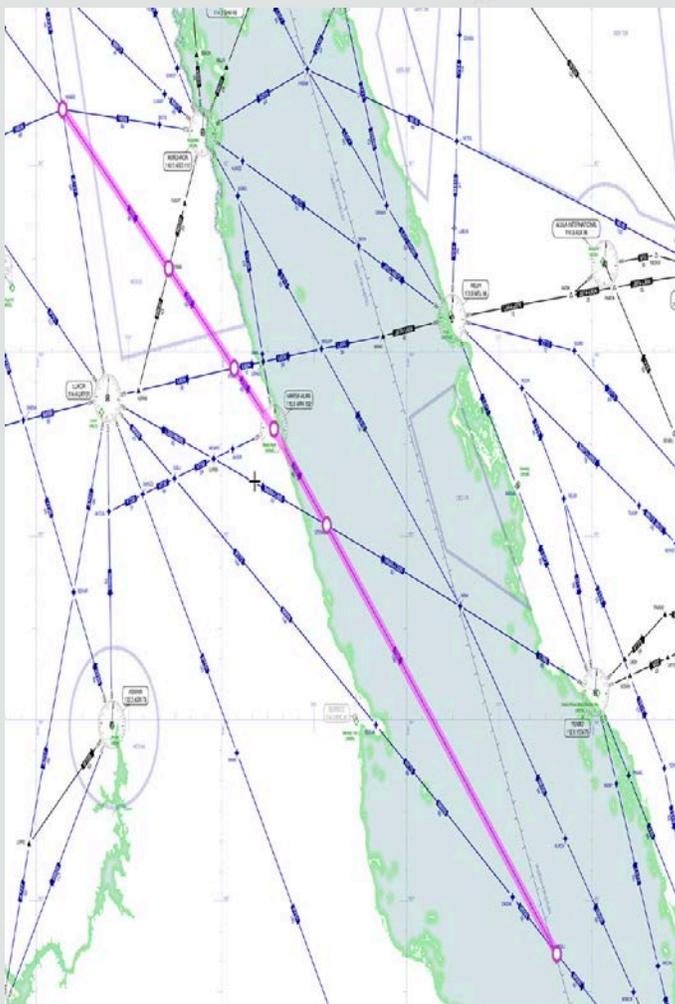


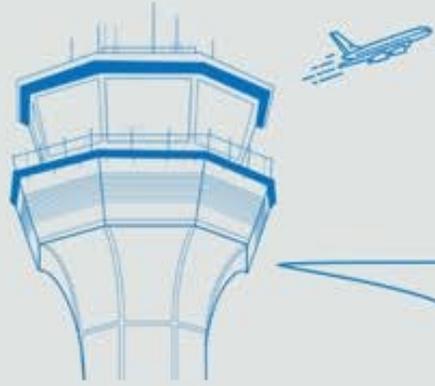
3. Egypt ATFM efforts:

d) Establishment of Route T55

□ Benefits:

Previous Route	NABED – LXR – ELELI – SEDVA – DASPA - DEDLI
L324	NABED - ORBIB -IVOTI - MAK - OTEMO - DEDLI
Saving	19 NM/Flight





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3. Egypt ATFM efforts:

e) Establishment of Route L324

Elucidation:

New ATS Route (RNAV5) to facilitate traffic flow from Nicosia FIR to Jeddah FIR.

Status:

- ICARD work ongoing to find an ATS Route name.
- added in ANP.
- Expected effective date 8 Sept. 2022



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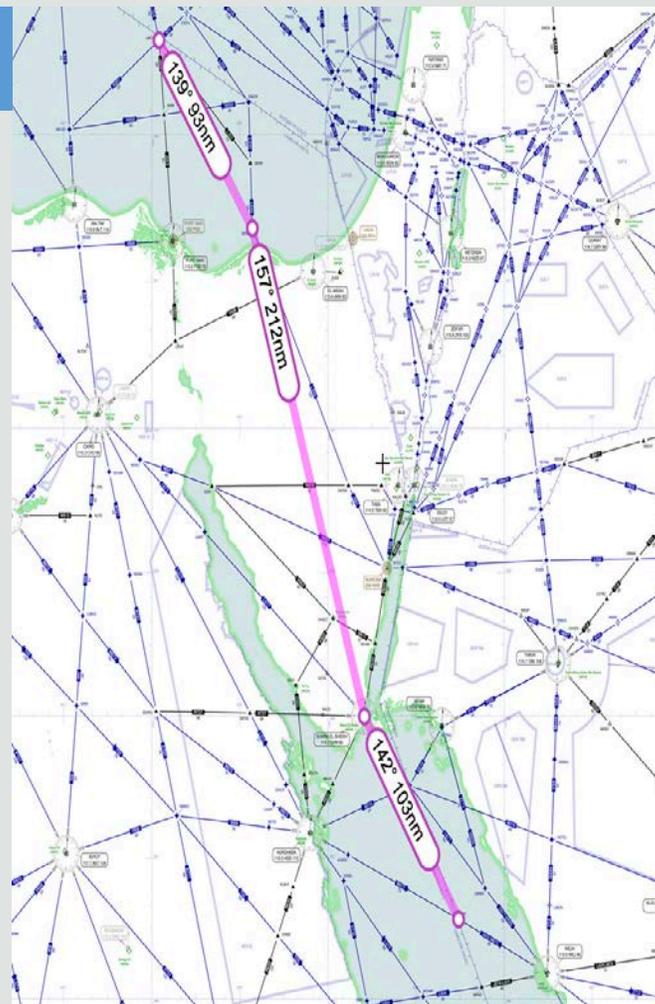


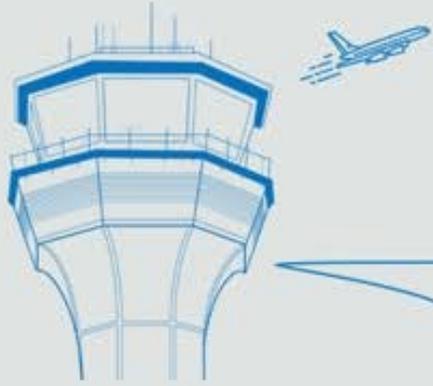
3. Egypt ATFM efforts:

e) Establishment of Route LAKTO
- SILKA

☐ Benefits:

Previous Route	RASDA -MELDO -DEGDI -CVO - OBTAV - SOKOT - HGD - SILKA
L324	LAKTO – SERMA – SHM - SILKA
Saving	87 NM/Flight





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3. Egypt ATFM efforts:

f) Establishment of ATS Routes network for DBA area

Elucidation:

New ATS Routes (RNAV5) network Over DBA area.

Status:

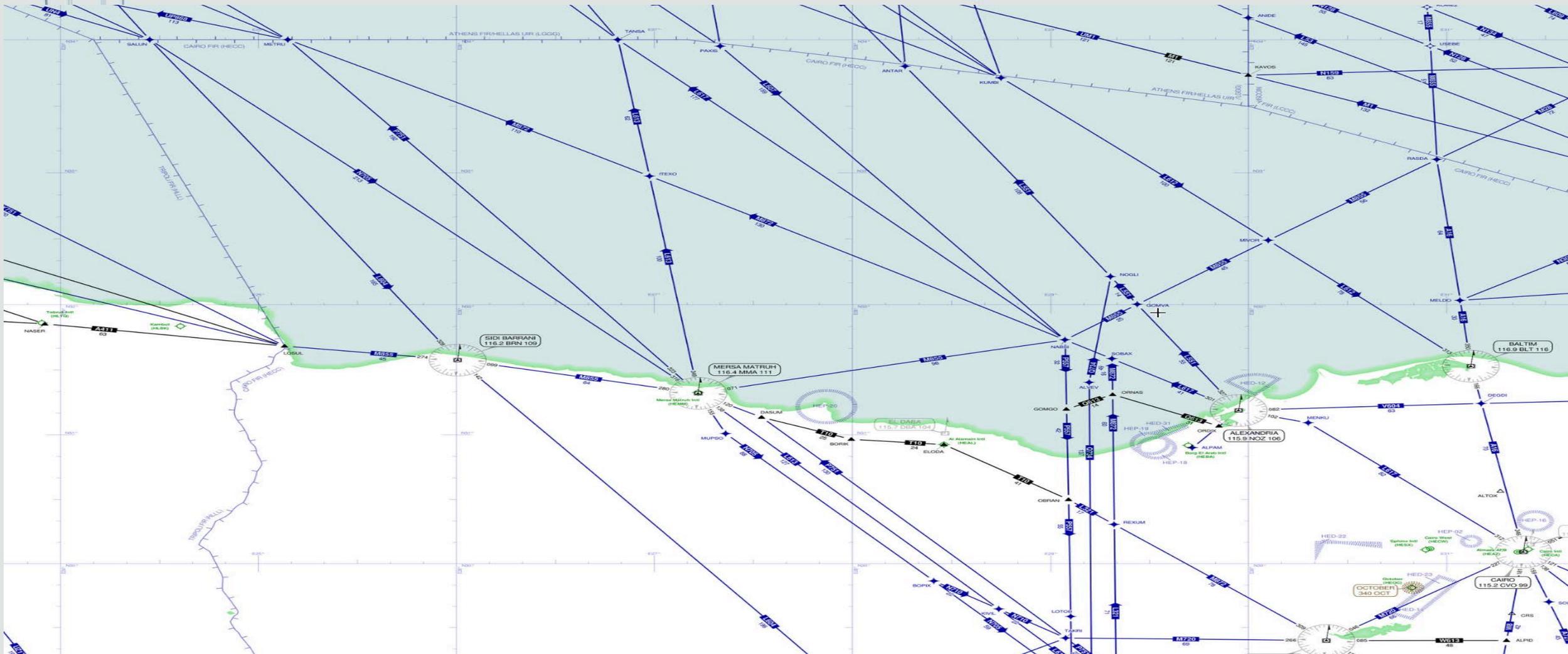
- ICARD work done.
- added in ANP is ongoing.
- PFA done.
- Published and implemented

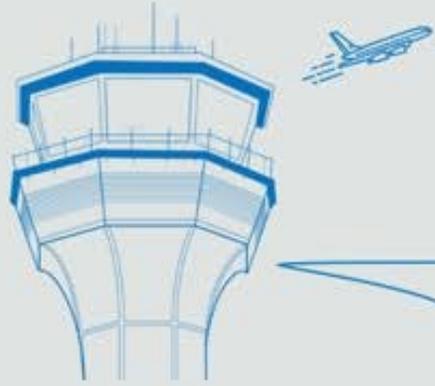


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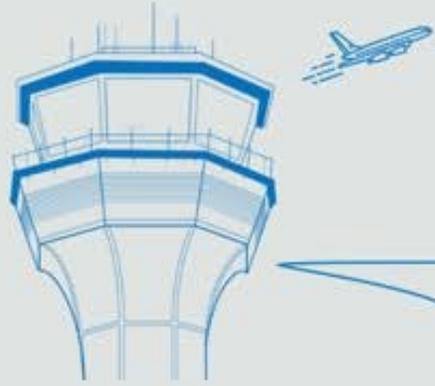
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4. Challenges:

- 2) Incomplete traffic data forecast.
- 3) Absence of regional ATFM harmonisation.
- 4) Flight plan submission time during Qatar 2022 world cup & COP27.
- 5) Delayed PFA cause late of new routes proposals publication.
- 6) Declared capacity (absolute capacity with considering static and dynamic factors).
- 7) Using declared capacity inside ATM systems.



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5. Action by the meeting:

- 1) Urge states for more regional ATFM harmonization before world cup 2022 & COP27.
- 2) Consider overlap period between COP27 Egypt - 2022 and world cup Qatar - 2022.
- 3) Encourage airspace users to provide flight data related to COP27 and world cup 2022 as soon as possible.
- 4) Urge states to share their experiences related to airspace data analysis and evaluation.



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Thank you



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