

ATM SG/8

The MIDANPIRG Air Traffic Management Sub-Group, Eighth Meeting

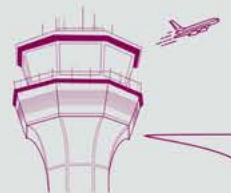
Amman, Jordan 7 - 10 November 2022



Eighth MIDANPIRG Air Traffic Management Sub-Group Meeting

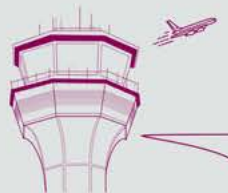
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Amman, Jordan, 7 – 10 November 2022

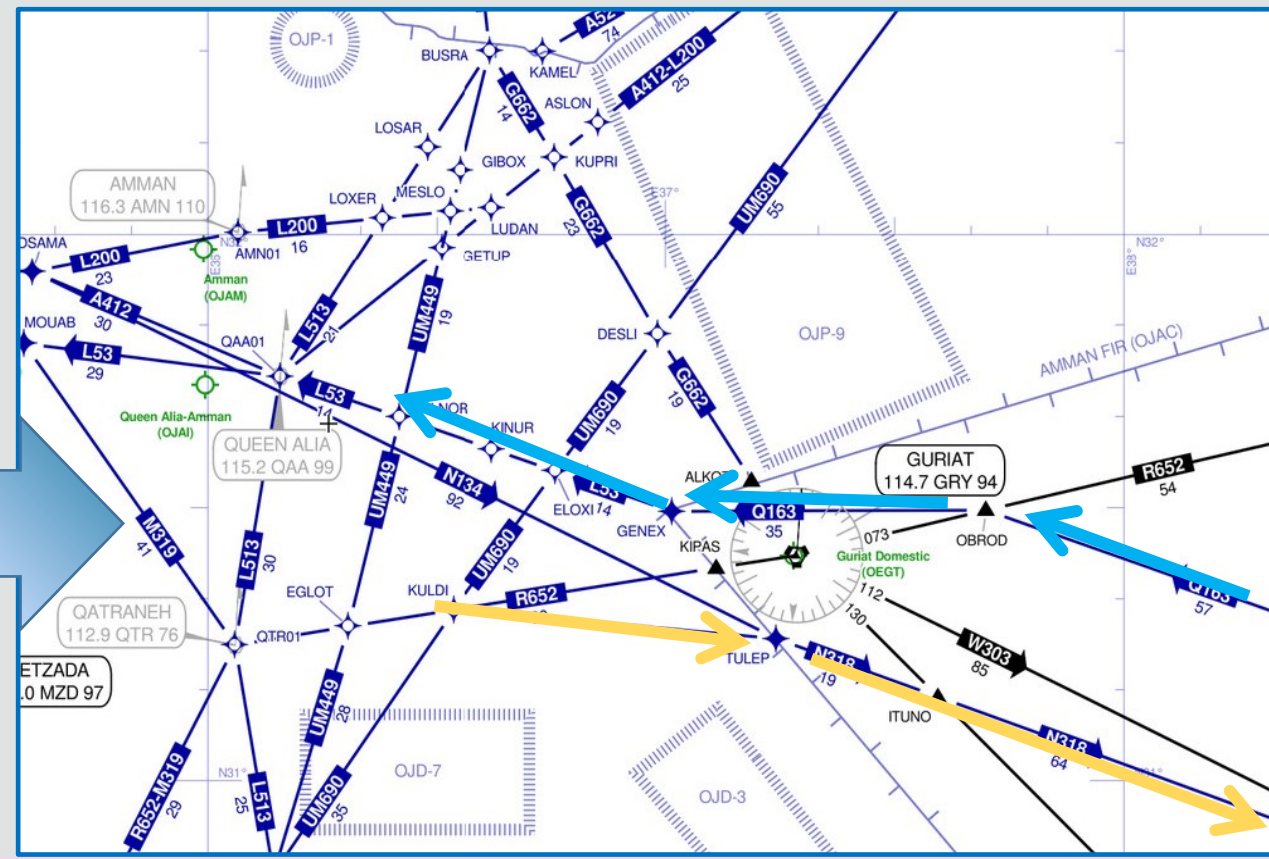
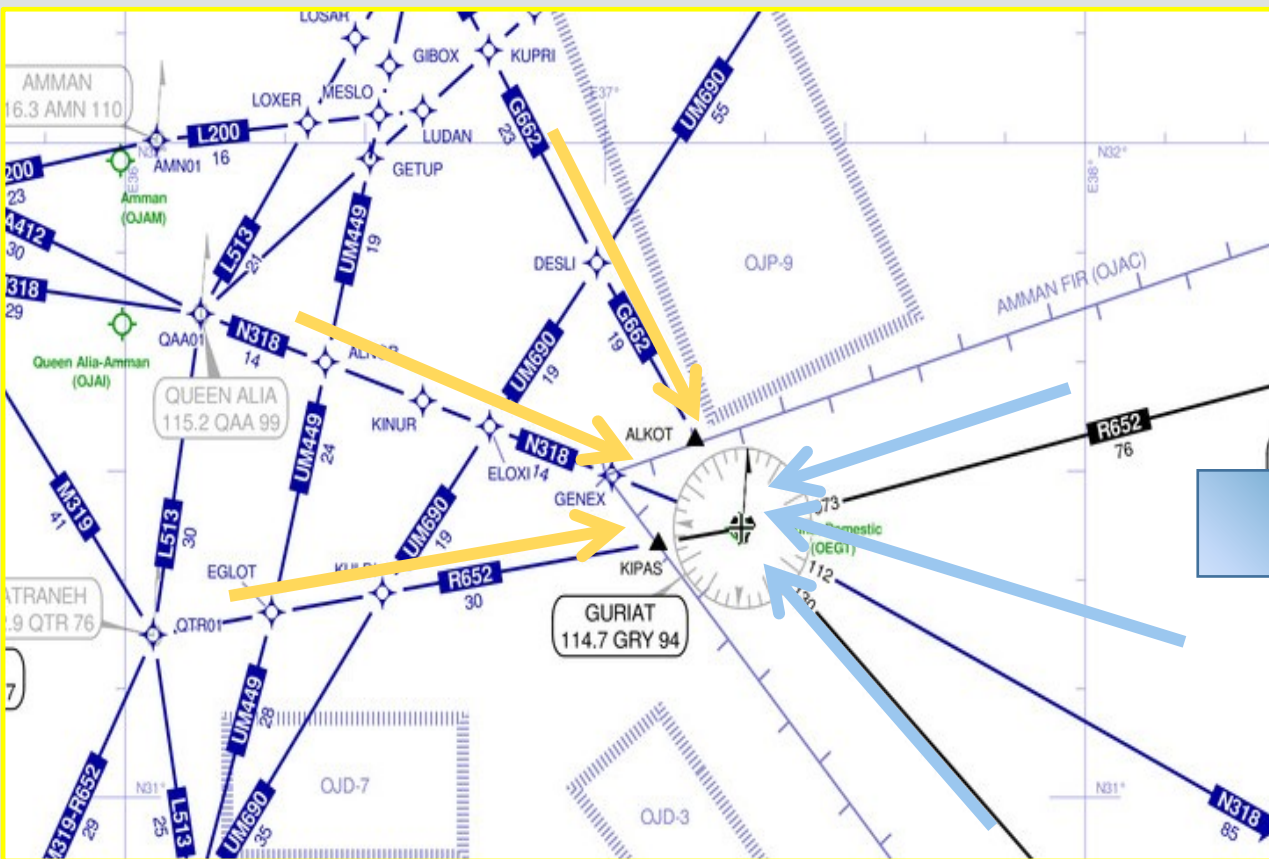


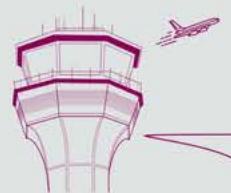
Updates from Jordan on ATM/SAR Implementation

- **Airspace and ATM enhancements projects within your State,**
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 - Status of SAR implementation update,
- Any other subject of the meeting interest.



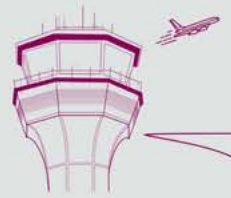
Amman FIR/Jeddah FIR interface over GRY





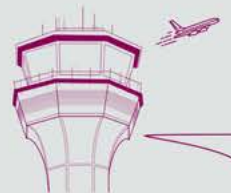
Benefits

- Organized and efficient airspace structure.
- Deconflicted traffic.
- Reduced Safety net activation possibilities.
- CCO and CDO support.
- Smooth and orderly Flow of traffic.
- Less workload.
- Enhanced capacity and safety.
- Minimized delay.



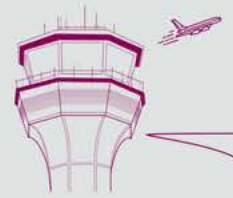
Instrument Flight Procedures (IFPs) review and update Project

- Project has initiated > Q4-2023
- Main outputs:
 - Modernized IFPs for all Amman FIR airports.
 - RNAV to RNP transition.
 - Terrain and Obstacles data sets (eTOD).
 - CCO/CDO Implementation.

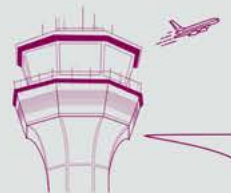


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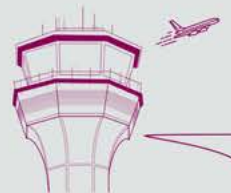


- **MID AIR NAVIGATION PLAN II :**
- **Notes received from ICAO on some 5LNC within TMA and will be fixed through the current project during 2023**
- **Table ATM II-MID-1 — MID Region ATS Route Network will be amended according to the updated Amman FIR/Jeddah FIR interface over GRY .**



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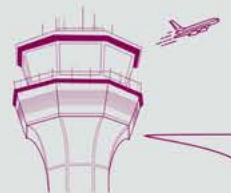
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Safety Management System

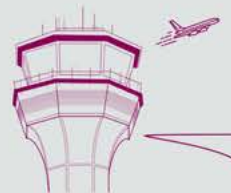
JCAR Part 19 Re-issued 25 July 2022

- **19.301 Safety performance monitoring and measurement**
- (a) The service provider shall develop and maintain the means to verify the safety performance of the organization and to validate the effectiveness of safety risk controls.
- (b) The service provider's SMS shall identify:
 - (1) Safety objectives, which shall be established first to reflect the strategic achievements or desired outcomes related to safety concerns specific to the organization's operational context;
 - (2) SPIs, which are tactical parameters related to the safety objectives and therefore are the reference for data collection; and
 - (3) SPTs, which are also tactical parameters used to monitor progress towards the achievement of the safety objectives.



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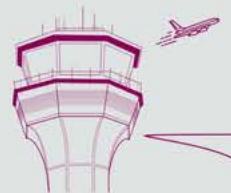
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Contingency Plan

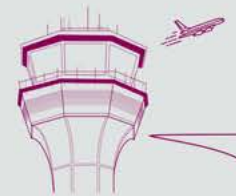
- National Contingency Plan is due to update according to the Latest LOAs.

Neighboring FIR	LOA	Contingency Appendix
Jeddah / Riyadh	Updated	Updated (6/10/2022)
Cairo	Updated	Due to update
Baghdad	Due to update	Due to update
Damascus	Due to review and update	Due to update
Tel Aviv	Updated	Ongoing



Updates from Jordan on ATM/SAR Implementation

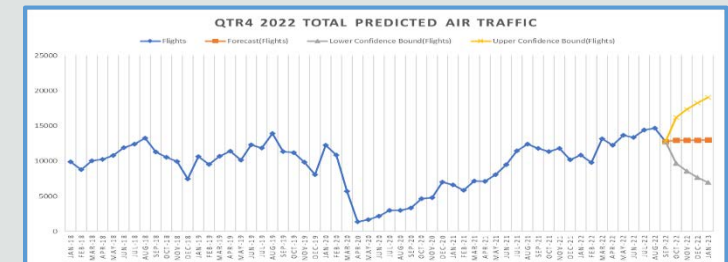
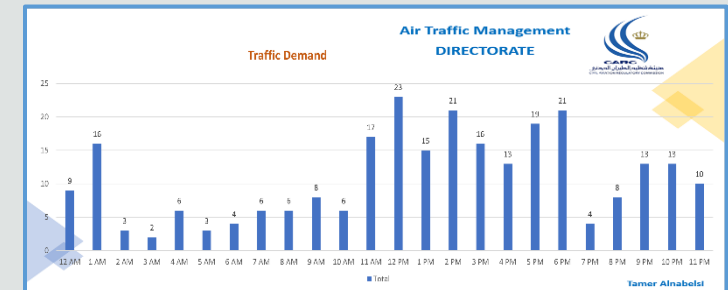
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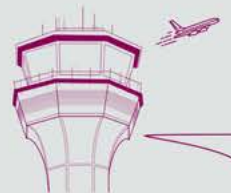


National ATFM Plan

- ICAO MID Air Traffic Flow Management V.2 (ICAO MID Doc 014) Phase I – A:
- All States where air traffic demand at times exceeds, or is expected to exceed declared capacity, should enact regulations for the implementation of ATFM (Annex 11 to the Convention on Civil Aviation section 3.7.5 refers).
- No declared capacity.
- Demand Monitoring and Analysis for data driven decisions.

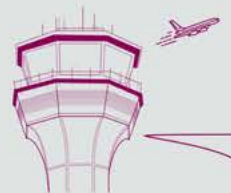
DATE	QATE	CALLSIGN	TYPE	SEP AD	DEST AD	ENTRY POINT	ENTRY TIME	ENTRY LEVEL	EXIT POINT	EXIT TIME	EXIT LEVEL	CITY PAIR	ENTRY EXIT	ARRLPA
Saturday	03-Jan-22	DHPPKA	A321	LFM	QAL	OSAMA	0:31	130	ULNA	0:46	0	ULNA_OSM	OSAMA_ULNA	TURKISH
Saturday	03-Jan-22	UAETM	B77W	HECA	OMEB	ULNA	0:08	250	DESA	0:17	370	HECA_OMEB	ULNA_DESA	EMIRATES
Saturday	03-Jan-22	QTR758	A320	OMH	OTHR	QAL	0:16	0	GRY	0:20	270	QAL_OTHR	QAL_GRY	QATAR
Saturday	03-Jan-22	ARWJ1	A320	HECA	OMAU	ULNA	0:29	130	DESA	0:39	330	HECA_OMAU	ULNA_DESA	ARABIA
Saturday	03-Jan-22	W66546	B77W	HECA	OMIK	ULNA	0:34	300	DESA	0:44	390	HECA_OMIK	ULNA_DESA	SWI
Saturday	03-Jan-22	BAW109	B772	EGLL	OMCS	ULNA	0:37	300	DESA	0:47	390	EGLL_OMCS	ULNA_DESA	BRITISH
Saturday	03-Jan-22	FTG38	A321	OMH	LTAM	QAL	0:46	0	MOUAB	0:55	250	QAL_LTAM	QAL_MOUAB	LOTUS
Saturday	03-Jan-22	TYP100	A321	OMH	LTAM	QAL	0:49	0	MOUAB	1:00	210	QAL_LTAM	QAL_MOUAB	TURKISH
Saturday	03-Jan-22	AFK258	B789	LFPG	WSSS	OSAMA	0:42	300	GRY	0:53	390	LFPG_WSSS	OSAMA_GRY	AIR FRANCE
Saturday	03-Jan-22	DLH618	A320	EEDM	OMEB	OSAMA	0:42	410	GRY	0:53	410	EEDM_OMEB	OSAMA_GRY	LUFTHANSA
Saturday	03-Jan-22	W66546	A320	OMH	VNBE	ULNA	0:46	430	DESA	0:50	410	OMH_VNBE	ULNA_DESA	EMIRATES
Saturday	03-Jan-22	ARWJ1	A320	HECA	OMAU	ULNA	0:51	130	DESA	1:01	330	HECA_OMAU	ULNA_DESA	ARABIA
Saturday	03-Jan-22	W66546	A320	OMH	EGLI	GRY	0:55	330	MOUAB	1:06	330	OMH_GRY	GRY_MOUAB	SWI
Saturday	03-Jan-22	UAET2	A320	LMAC	OMCS	OSAMA	0:52	300	GRY	1:02	390	LMAC_OMCS	OSAMA_GRY	EMIRATES
Saturday	03-Jan-22	DLH611	B744	OMEB	EDDF	GRY	1:06	340	MOUAB	1:19	390	OMEB_EDDF	GRY_MOUAB	LUFTHANSA
Saturday	03-Jan-22	UAET14	A320	ELMS	OMEB	ULNA	1:10	390	DESA	1:19	390	ELMS_OMEB	ULNA_DESA	EMIRATES
Saturday	03-Jan-22	BAW109	A320	EGLI	OMEB	ULNA	1:17	390	DESA	1:26	390	EGLI_OMEB	ULNA_DESA	BRITISH
Saturday	03-Jan-22	UAET11	B77W	OMEB	RUAD	GRY	1:24	300	MOUAB	1:37	390	OMEB_RUAD	GRY_MOUAB	EMIRATES
Saturday	03-Jan-22	DLH611	A320	OMH	EDDF	QAL	0:57	0	MOUAB	1:30	390	OMH_EDDF	QAL_MOUAB	LUFTHANSA
Saturday	03-Jan-22	KAC544	B77W	HECA	OMIK	ULNA	1:34	330	DESA	1:43	330	HECA_OMIK	ULNA_DESA	KUWAIT
Saturday	03-Jan-22	W66546	A320	HECA	OMIK	ULNA	1:34	300	DESA	1:44	390	HECA_OMIK	ULNA_DESA	EMIRATES
Saturday	03-Jan-22	BAW109	A320	OMH	OTHR	QAL	1:30	0	GRY	1:54	330	OMH_OTHR	QAL_GRY	BRITISH
Saturday	03-Jan-22	ADW402	A320	HEBA	OMAA	ULNA	1:41	350	DESA	1:52	350	HEBA_OMAA	ULNA_DESA	ADRIAN
Saturday	03-Jan-22	UAET14	B77W	OMEB	ULNA	1:50	130	DESA	1:59	330	OMEB_ULNA	ULNA_DESA	EMIRATES	
Saturday	03-Jan-22	FRH363	A320	LFHM	OMEB	ULNA	2:06	430	DESA	2:15	410	LFHM_OMEB	ULNA_DESA	FRANCE
Saturday	03-Jan-22	WY336	A320	OMH	OMH	ULNA	2:01	300	BOJSA	2:22	290	OMH_OMH	ULNA_BOJSA	RYAN
Saturday	03-Jan-22	W66546	A320	HECA	OMIK	ULNA	2:04	330	DESA	2:13	390	HECA_OMIK	ULNA_DESA	EMIRATES





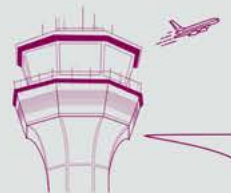
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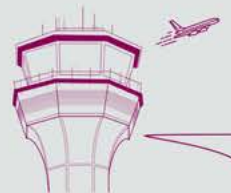
longitudinal separation

Neighboring FIR	Previous	Updated
Jeddah / Riyadh	20 NM	10 NM (6/10/2022)
Cairo	20 NM	15 NM (6/3/2022) *Planned for 10 NM
Baghdad	Non - RADAR	Due to update
Damascus	20 NM	Due to review and update
Tel Aviv	10 NM	10 NM

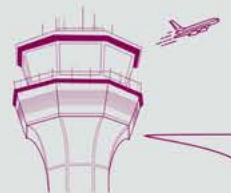


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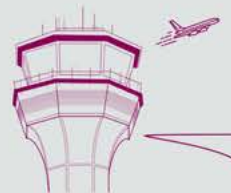
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ASBU threads	Info	Status	Plan
APTA B0/1	PBN Approaches (with basic capabilities)	Partially completed (50%+)	Q1 -2024
APTA B0/2	PBN SID and STAR procedures (with basic capabilities)	Completed	Review Q1 -2024
APTA B0/4	CDO (Basic)	Not implemented / Not Started	Q1 -2024
APTA B0/5	CCO (Basic)	Not implemented / Not Started	Q1 -2024
APTA B0/7	Performance based aerodrome operating minima – Advanced aircraft	Completed	
FRTO B0/2	Automated system for Airspace planning and Flexible Use of Airspace (FUA)	Not implemented / Not Started	Q3 -2024
FRTO B0/4	Basic conflict detection and conformance monitoring	Completed	

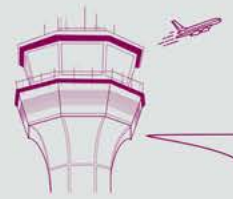


ASBU threads	Info	Status	Plan
NOPS B0/1	Initial integration of collaborative airspace management with air traffic flow management	Not implemented / Not Started	
ACAS B1/1	ACAS Improvements Operational	Completed	
SNET B0/1 SNET B0/2 SNET B0/3	STCA MSAW APW	Completed	
GADS B1/2	Contact directory service	Completed	
SURF B0/1	Basic ATCO tools to manage traffic during ground operations	Completed	



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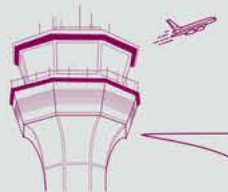


Search and Rescue

- The latest LOA update with Jeddah FIR included the updated SAR appendix.
- The latest SAR manual update during -2022.
- The Coordination exercise (table top) planned Q1-2023.



ICAO MID



ATM SG/8

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Amman, Jordan 7 - 10 November 2022



THANK YOU

