



ICAO MID



MIDANPIRG/17
& RASG-MID/7

Cairo, Egypt, 15-18 April 2019



MIDANPIRG

ACTIVITIES, ACHIEVEMENTS AND CHALLENGES

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Seventeenth Meeting of the Middle East Air Navigation
Planning and Implementation Regional Group
Seventh Meeting of the Regional Aviation Safety Group

الإجتماع السابع عشر للمجموعة الإقليمية لتخطيط وتنفيذ الملاحة الجوية
في الشرق الأوسط
الإجتماع السابع للمجموعة الإقليمية لسلامة الطيران بالشرق الأوسط



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Outline

- Attendance
- Key Conclusion and Decisions
- Key MIDANPIRG/16 and MSG/6 outcomes
- Activities and Achievements
- Challenges
- Priorities/Future Work Programme



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Attendance

MIDANPIRG/16 (Kuwait, 13-16 February 2017)

- 80 participants
- 13 States (Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Sudan, UAE and USA)
- 9 International Organizations and Industry Partners (AACO, Boeing, CANSO, COSCAP-GS, GCC, IATA, IFAIMA, IFALPA and MIDRMA)





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Attendance

MSG/6 (Cairo, Egypt, 3 - 5 December 2018)

26 participants

- **6 States (Bahrain, Egypt, Iran, Qatar, Saudi Arabia and United Arab Emirates)**
- **3 International Organizations and Industry Partners (ACAO, EUROCONTROL and IFAIMA).**

Note. MSG meeting is authorized to endorse Conclusions/Decisions on behalf of MIDANPIRG.



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Key Outcomes

MIDANPIRG/16 Conclusions

- 16/1 - MID RVSM SAFETY MONITORING REPORT (SMR) 2015
- 16/3 - MID REGION AIR NAVIGATION STRATEGY
- 16/7 - MID REGION AIR NAVIGATION REPORT-2016
- 16/31 - ENVIRONMENTAL PROTECTION

MIDANPIRG Decisions

- 16/16 – ATFM TASK FORCE
- 16/18 - WORLD CUP 2022 TASK FORCE



Key Outcomes (Cont'd)

MSG Conclusions

- **MSG CONCLUSION 6/2: AMENDMENT TO THE MID eANP VOLUME III**
- **MSG CONCLUSION 6/3: SECOND EDITION OF THE MID REGION AIR NAVIGATION REPORT (2017)**
- **MSG CONCLUSION 6/5: MID REGION AIR NAVIGATION STRATEGY**
- **MSG CONCLUSION 6/8: IMPLEMENTATION OF THE 16TH EDITION OF ANNEX 15 AND THE PANS AIM**
- **MSG CONCLUSION 6/13: MID REGION ATS ROUTE CATALOGUE**
- **MSG CONCLUSION 6/16: REGIONAL REQUIREMENT FOR AIDC/OLDI IMPLEMENTATION**
- **MSG CONCLUSION 6/20: MID REGION PBN IMPLEMENTATION PLAN**
- **MSG CONCLUSION 6/22: MID FLIGHT PROCEDURE PROGRAMME (MID FPP)**



Key Outcomes (Cont'd)

MSG Conclusions

- **MSG CONCLUSION 6/23: MID REGION SEARCH AND RESCUE IMPLEMENTATION PLAN**
- **MSG CONCLUSION 6/24: SUPPORT ICAO POSITION TO WRC-19**
- **MSG CONCLUSION 6/26: REGISTERED FREQUENCY UPDATE**
- **MSG CONCLUSION 6/28: MID CRV REQUIREMENTS**
- **MSG CONCLUSION 6/31: GUIDANCE ON GNSS IMPLEMENTATION**
- **MSG CONCLUSION 6/34: CYBER SECURITY AND RESILIENCE SEMINAR**
- **MSG CONCLUSION 6/36: IDENTIFICATION OF INTERNATIONAL AERODROMES FOR WIND SHEAR WARNINGS/ALERTS REQUIREMENT**
- **MSG CONCLUSION 6/37: MIDANPIRG WORKING ARRANGEMENTS**
- **MSG CONCLUSION 6/38: STATE LETTERS ONLINE MONITORING TOOL**



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Key Outcomes (Cont'd)

MSG Decisions

- **MSG DECISION 6/14: MID ATM CONTINGENCY PLAN ACTION GROUP**
- **MSG DECISION 6/18: TERMS OF REFERENCE OF THE MID ATFM TASK FORCE**
- **MSG DECISION 6/19: TERMS OF REFERENCE OF THE FIFA WORLD CUP 2022 TASK FORCE**



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Key Activities and Achievements

- MID eANP Volume I, II and III were completed and approved by 15 February 2016
- Revised Air Navigation Strategy (MID Doc 002) taking into consideration users' needs and States capabilities was endorsed
- First and Second (2016 & 2017) MID Region Air Navigation Report published (overall ASBU implementation increased from **46%** to **55%**)
- **92%** of aircraft have known Height-Keeping Performance monitoring results (highest worldwide)
- RVSM Safety Objectives achieved (The risk of collision in the MID RVSM airspace meets the ICAO Target Level of Safety (TLS))
- Number of LHDs at the interface APAC/MID was reduced



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Key Activities and Achievements (Cont'd)

- Improvement of the MID Region ATS Route Network
- Implementation of Oriented Track System with Tehran FIR and improvements of the ATS route network between Iran and its adjacent States
- New MID Region ATS Route catalogue
- Revised version of the MID Region PBN Implementation Plan including a roadmap for the transition to the new Chart Title.
- Efforts ongoing for the establishment of the MID FPP
- 70% of the States implemented the new SIDs and STARs Phraseologies
- 80% of States developed ATS Contingency Plan



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Key Activities and Achievements (Cont'd)

- Continuous implementation and improvement of the Contingency arrangements mainly through the Contingency Coordination Teams (CCTs) framework
- Normalization of traffic through Baghdad FIR
- Traffic resumed operation through Sana'a FIR using the airspace over the high seas
- Establishment of MID ATFM TF to develop an ATFM CONOPS for the MID Region
- Establishment of FWC2022 TF to prepare the Region to accommodate safely and efficiently the significant increase of traffic during major events
- Implementation of the Call Sign Confusion Initiative (de-conflicting of call sign similarities by some airlines)
- Endorsement of the MID Region SAR implementation Plan
- Signature of SAR bi-lateral arrangements between ACCs



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Key Activities and Achievements (Cont'd)

- Guidance for AIM Planning and Implementation in the MID Region (MID Doc 008)
- Rolling out of the Frequency Finder tool
- Planning for IWXXM implementation
- SIGMET tests conducted in Nov. 2016
- MID Regional SIGMET Guide endorsed and published as ICAO MID Doc 009
- Review, update and analysis of the MID Air Navigation Deficiencies (No Priority “U” deficiency had been reported)



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Key Challenges

The following are some key challenges faced, though not exhaustive, these challenges merit consideration when viewing the work undertaken and accomplished:

- Although the region is relatively small, it is heterogeneous in nature as it has different level of aviation activities, different levels of economic stability and drastic variability in GDPs and population
- Continuous growth of air traffic and increased demand on airspace capacity emphasizes the need for the optimum utilization of the available airspace and airports, which requires tremendous coordination and efforts to ensure continued safety and enhanced efficiency



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Key Challenges (Cont'd)

- Provision of timely, coordinated and adequate responses to various crisis/abnormal situations, including those related to conflict zones, political sensitive cases negatively affecting the flight operations
- Implementation of contingency measures/routes to ensure the safety of air operations due to conflict zones and operational ATM issues
- Ensuring the continuing harmonisation and interoperability between the implementation programmes in the MID Region and other adjacent Regions (AFI, APAC and EUR) aiming at improving safety, increasing capacity and reducing fuel consumption





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Key Challenges (Cont'd)

- Insufficient technical and/or financial resources in some States to implement the Global Air Navigation Plan (GANP) and MID Air Navigation Strategy objectives; and to contribute to the achievement of the agreed Air Navigation targets and support the MIDANPIRG Work Programme
- Limited support to the MIDANPIRG Work Programme and its subsidiary bodies having an impact on the agreed planned activities
- The lack of financial and human resources in some States, combined with the complexity of administrative arrangements for the approval of duty travel, issuance of entry visa, etc., are affecting the level of attendance to the activities organized by the ICAO MID Office



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Key Challenges (Cont'd)

- Slow progress in the implementation of the priority 1 ASBU Block 0 Modules
- Difficulties facing the implementation of regional/sub-regional projects, including the lack of institutional and legal framework, funding, etc.
- Difficulty to implement some user preferred routes due mainly to military restrictions which is impeding the implementation of the FUA concept.
- Low level of reporting by States (inputs to the MID Air Navigation Report, national plans, success stories, environmental data, replies to State Letters, etc.)



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Priorities/Future Work Programme

- Complete the implementation of the ASBU and revise the MID Air Navigation Strategy in accordance with the new GANP expected to be endorsed by the ICAO 40th Assembly.
- Continuous improvement of the MID Region ATS Route Network, airspace management issues, CNS/ATM infrastructure and the level of air navigation services.
- Start of MID FPP operations
- Development of MID Region ATFM Concept of operation and cooperative action plan to accommodate smooth preparation for FWC2022.



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من الزيت بين أرجاء العالم

THANK YOU