



International Civil Aviation Organization

MIDANPIRG/20 and RASG-MID/10 Meetings

(Muscat, Oman, 14 – 17 May 2023)

Agenda Item 6.3: PBN

MID FPP ACTIVITIES

(Presented by the Secretariat)

SUMMARY

This paper presents the Programme development, accomplishments, and activities since its official start in January 2022 and the outcomes of the MID FPP SC/2 and SC/3 meetings.

Action by the meeting is at paragraph 3.

REFERENCES

- Summary of Discussion (SoD) of MID FPP Steering Committee (SC/2)
- Summary of Discussion (SoD) of MID FPP Steering Committee (SC/3)

1. INTRODUCTION

1.1 The MID Flight Procedure Programme (MID FPP) was launched to be a viable solution to support States at national level in meeting their obligations related to PANS-OPS and in particular the implementation of Performance Based Navigation - PBN (regulatory and service provision).

1.2 Since the start of the Programme on 17 January 2022, three (3) Steering Committee meetings were successfully held, as follows:

- (1) First meeting (SC/1) held virtually on 26 and 27 January 2022.
- (2) Second meeting (SC/2) hosted by the UAE General Civil Aviation Authority (GCAA) at its premises in Sheikh Zayed Air Navigation Centre, Abu Dhabi, 15 to 16 June 2022.
- (3) Third meeting (SC/3) held virtually on 25 January 2023.

1.3 The Steering Committee meetings were attended by a total of participants/States and international organizations as follows:

- (1) **SC/1:** Fifty-seven (57) participants from fifteen (15) States (Bahrain, Egypt, France, Iran, Jordan, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia, Sudan, Syria UAE and Yemen) and three (3) International Organizations (ACAO, IATA and IFATCA).
- (2) **SC/2:** Thirty-five (35) participants: (18) in person participants from five (5) States (Iraq, Libya, Oman, Saudi Arabia and UAE), and (2) Organizations/Industries (IATA and GANS/UAE); and (17) virtual participants from eight (8) States (Egypt, Iran, Kuwait, Qatar, Saudi Arabia, Syria, UAE

and Yemen).

(3) **SC/3:** Thirty-five (35) participants from eleven (11) States (Bahrain, Egypt, France, Iran, Iraq, Jordan, Kuwait, Libya, Oman, UAE and Yemen), and three (3) Organizations/industries (IATA, SERCO IAL and United ATS).

1.4 From institutional framework stand point, the status of MIDFPP (active states, donor states) as of May 2023 is as follows:

Membership (No.)	States/Organizations
Initial Signatory Project Document (6)	Jordan, Kuwait, Lebanon, Syria, UAE, and Yemen
Active States (3)	Iran, Kuwait and UAE (Host)
User States (1)	Egypt
Donor States (2)	Qatar and Saudi Arabia
Donor (Active) Organization (1)	United ATS

2. DISCUSSION

2.1 The SC/1 meeting reviewed and adjusted the draft version of Work Plan for Y2022 with the specific requests received from States, in particular, Kuwait for the provision of airspace design assistance.

2.2 The SC/1 meeting agreed that the Work Plan Y2022 will be focusing on (1) capacity building activities and (2) provision of services based on the current capabilities and resources, mainly, training driven services.

2.3 The SC/2 meeting agreed that for the Work Plan Y2023 and beyond, the activities should be extended to respond to the needs of the member States focusing on the requests for airspace and procedure design projects and on customized PANS OPS and PBN training courses.

2.4 The SC/2 meeting also noted that MID FPP training program for 2023 has been developed in coordination and leveraging the collaboration with the regional APAC and Africa FPPs.

2.5 Furthermore, the SC/3 meeting encouraged States to approach the MID FPP for the implementation of projects specifically covering (1) Instrument Flight Procedures (IFP) review & maintenance, (2) PBN Operational Approval and (3) Design validation and Regulatory support for IFPs approval.

2.6 The Table below is consolidating all MID FPP activities accomplished in the Year 2022 and Year 2023 (to date) as follows:

MID FPP Activities				
Y2022				
Service	Title	Date/Venue	No.	States
Training	Initial PANS OPS (GCAA, 7 weeks)	18 July–2 Sep/SZC GCAA	2	Iraq
	PANS OPS (APAC, module 3 + 4)	19-30 Sep/virtual class	8	Iran (3) ICAO MID (1)
	PBN Navigation DB Coding	17-19 Oct/SZC GCAA	2	Oman (1) Sudan (1)
	PBN Inter-Relation Design – Coding – Charting/AIP	24 – 27 Oct/SZC GCAA	6	Iraq (5) Sudan (1)
	PBN Oversight & OPS Approval	5-8 Dec & 9-12 Jan 23/ SZC GCAA	6	Iraq (3) Oman (1)

				Sudan (2)
Workshop	CCO/CDO Implementation	13–14 June/Abu Dhabi	34	5 States, 1 Intl Org, 3 Industry Representatives
Consultancy	Kuwait Four (4) RNAV1 Route project	March - September	N/A	Iraq, Kuwait

MID FPP Activities				
Y2023 (to date)				
Service	Title	Date/Venue	Nr.	State
Training	PANS OPS (APAC, module 1)	6-17 March/virtual class	7	Iran (1) Jordan (3) Syria (1) UAE (2)
	PBN Inter relationship Design-Coding-Charting/AIP	14-17 March/SZC GCAA	5	Libya (2) UATS (3)
	PBN Oversight (ENAC)	20-30 March/virtual class	2	Iran (1) Yemen (1)
	PANS OPS (APAC, module 2)	8-19 May/Mix mode class	7	Iran (1) Iraq (2) Jordan (2) Syria (1) UAE (1)
Workshop	Airspace Design TMA workshop (ENAC onsite)	6–17 March/Toulouse	2	Kuwait
Consultancy	One (1) RNAV5 Route Sanaa FIR	19 Jan–3 March	N/A	Yemen
	ORKK IFPD three (3) IAPs (Conv)	12 Dec-ongoing	N/A	Iraq
	ORSU Risk Assessment IAPs (Conv) + Approval package	16 Feb- ongoing	N/A	Iraq

2.7 For better illustration of the member States participation and the total number of recipients benefitting of MID FPP trainings and workshops (educational) activities, refer to the Table below as follows:

MID FPP Trainings, Workshops	Nr. Of Participants	Nr. Of States
Y2022	58	10
Y2023 (to date)	23	8
TOTAL	81	

2.8 The meeting may wish also to note that the MID FPP training program 2023 is profiting from the support provided by France DGAC and ENAC with free seats into training & workshop classes offered within the frame of the Technical Agreement (TA) with ICAO HQs.

2.9 To be emphasized that, from strategical point of view, the MID FPP (overall) activity is evolving from a resilient capacity building characteristic in 2022 towards a “proof of concept” component demonstrated for 2023 and beyond.

2.10 In such manner, the MID FPP services would achieve its primary goal i.e., support of States to overcome the challenges related to the high cost of establishing and running a PANS-OPS Office, as well as ensuring that the required competency and qualification of the PANS-OPS specialists is always maintained.

MID FPP Pool of Experts

2.11 The SC/2 meeting highlighted the need to start the process of nomination and selection of the pool of Experts who will provide technical support for the implementation of the MID FPP Work Plan and achievement of its objectives.

2.12 As a result, to date, there are nineteen (19) experts' nominations from Egypt (4), Iran (4), Kuwait (2), Oman (1), Sudan (3), UAE (3) and United ATS (2) covering all essential areas for PBN, namely Procedure Designer, Instructor, Airspace Planner and OPS Approval Inspector.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) take note of the MID FPP activity report as resulted from the SC/1 to SC/3 Meetings;
and
- b) address any subject related to the MID FPP activity.

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