



International Civil Aviation Organization

MIDANPIRG Air Traffic Management Sub-Group

Tenth Meeting (ATM SG/10)

(Jeddah, Saudi Arabia, 20 – 23 October 2024)

Agenda Item 3: Planning and Implementation issues related to ATM/SAR

MID AIR NAVIGATION REPORT-2023

(Presented by the Secretariat)

SUMMARY

This paper presents the results of the MID Air Navigation Report 2023 related to CNS/ATM/SAR.

Action by the meeting is at paragraph 3.

REFERENCES

- First Meeting RANP/NANP TF/1 (Cairo, Egypt, 19 – 22 February 2024)
- MIDANPIRG/21 & RASG-MID/11 Meetings (Abu Dhabi, UAE, 4 – 8 March 2024)

1. INTRODUCTION

1.1 The MIDANPIRG/20 meeting, through Conclusion 20/11 urged States to provide the ICAO MID Office, with relevant data necessary for the development of the MID Region Air Navigation Report – 2023.

MIDANPIRG CONCLUSION 20/11: WEB-BASED MID REGION AIR NAVIGATION REPORT (2023)

That,

- a) *States be invited to provide the ICAO MID Office with the following data for the development of the MID Region Air Navigation Report (2023) by 1 December 2023:*
 - i. *Status of ASBU Implementation; and*
 - ii. *States' implementation of the Performance Based approach using the agreed Template as at Appendix 6.1A.*
- b) *the MID Air Navigation Report (2023) be presented to the MIDANPIRG/21 for endorsement.*

2. DISCUSSION

2.1 As a follow-up action to the above MIDANPIRG/20 Conclusions, the ICAO MID Office issued State Letter AN 1/7-23/270 dated 6 December 2023 to collect the following information and updates from MID States:

- a) update on the status of implementation of the Priority 1 ASBU Threads/Elements;
- b) progress achieved in the implementation of the Performance Based Approach and development of State National Air Navigation Plan (NANP), by completing the Questionnaire at **Appendix A**; and
- c) State's major achievement(s)/success story(ies) in the air navigation field in 2023.

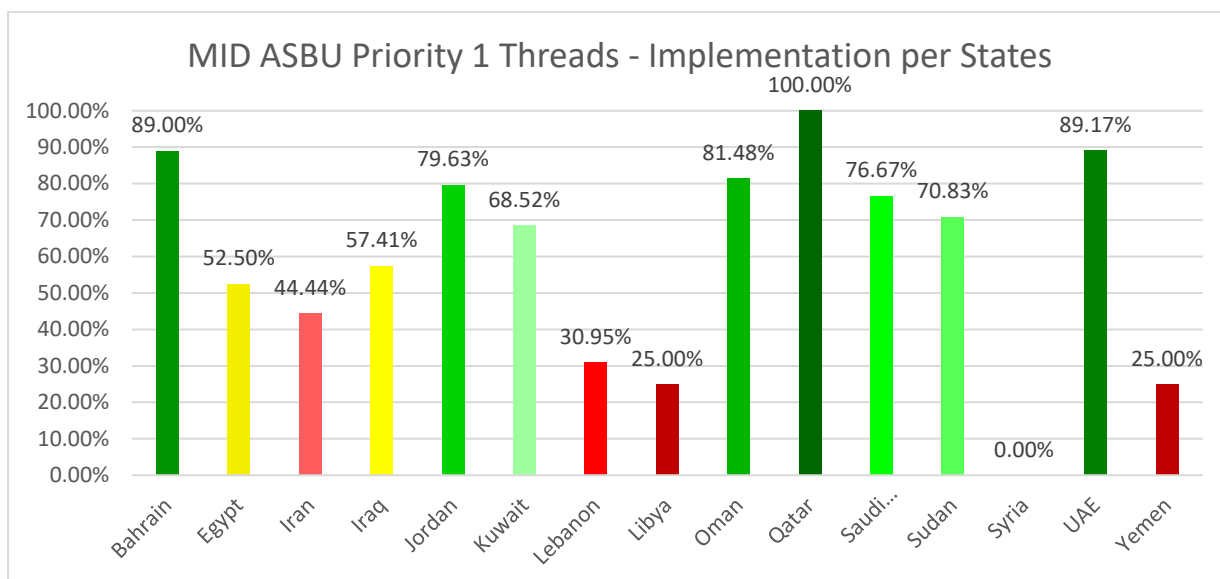
2.2 Nine (9) MID States (Bahrain, Egypt, Iran, Jordan, Kuwait, Oman, Qatar, Saudi Arabia and UAE) have replied to the afore-mentioned State Letter. Accordingly, ICAO MID, based on the above replies and the last updates provided by remaining States in the Air Navigation Report 2022, consolidated the MID Air Navigation Report-2023. This report was reviewed/updated by the RANP/NANP TF/1 and endorsed by MIDANPIRG/21.

2.3 The meeting may wish to note that 10 out of 13 (77%) MID ASBU priority 1 Threads and 17 out of 34 (50%) elements are currently under the monitoring of the CNS and ATM SG meetings. Based on the Air navigation report-2023, the following is the CNS/ATM/SAR related ASBU Threads/Elements with low level of implementation (less than 50%):

- a) FICE (B0/1), the regional level of implementation is increased to 39.39% compared to 26.19% in 2022;
- b) NOPS (B0/1), the regional level of implementation is 41.67%, the same as the year 2022;
- c) RSEQ (B0/1), the regional level of implementation is 35.71%, the same as the year 2022;
- d) ASUR (B0/2), the regional level of implementation is decreased to 37.5% compared to 75% in 2022; and
- e) NAVS (B0/4), the regional level of implementation is decreased to 40% compared to 46.67% in 2022.

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	
FICE	40.00	25.00	0.00	0.00	50.00	0.00	NA	NA	33.33	100	33.33	NA	NA	75.00	NA	39.39
FRTO	100	50.00	0.00	0.00	100	100	0.00	NA	100	100	100	0.00	NA	50.00	NA	64.88
NOPS	100	0.00	0.00	0.00	0.00	0.00	0.00	NA	100	100	100	0.00	NA	100	NA	41.67
ACAS	100	100	100	100	100	100	100	0	100	100	100	100	0	100	100	86.67
SNET	100	100	100	66.67	100	100	66.67	NA	100	100	100	66.67	NA	100	NA	91.67
GADS	100	100	100	100	100	100	0	100	100	100	100	100	0	100	0	80
RSEQ	100	0.00	NA	NA	NA	NA	NA	NA	NA	100	0.00	NA	NA	100	NA	35.71
ASUR	100	0.00	100	100	66.67	66.67	0.00	NA	100	100	33.33	100	NA	66.67	NA	65.28
NAVS	50	50	0.00	50	100	50	0.00	0.00	0.00	100	100	100	0.00	100	0.00	46.67
COMI	100	100	0.00	100	100	100	50	0.00	100	100	100	100	0.00	100	0.00	70
ATM/SAR	89	52.5	44.44	57.41	79.63	68.52	30.95	25	81.48	100	76.67	70.83	0	89.17	25	62.19

Table 1- Priority 1 ASBU Threats related to CNS/ATM/SAR implementation in the MID Region by State



2.4 The meeting may wish to encourage the State to provide data required for the development of Air Navigation Report 2024, including success stories of ANS implementations, accordingly, the meeting may wish to agree on the following Draft Conclusion:

DRAFT CONCLUSION 10/XX: MID REGION AIR NAVIGATION REPORT (2024)

That,

- a) *States be invited to provide the ICAO MID Office with the following data for the development of the MID Region Air Navigation Report (2024) by 1 December 2024:*
 - i. *update on the status of implementation of the priority 1 ASBU Threats/Elements using the Template at Attachment A;*
 - ii. *progress achieved in the implementation of the Performance Based Approach and development of your State National Air Navigation Plan (NANP), by completing the Questionnaire at Attachment B; and*
 - iii. *your State's major achievement(s)/success story(ies) in the air navigation field in 2024.*
- b) *the MID Air Navigation Report (2024) be presented to the MIDANPIRG/22 for endorsement.*

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) urge States to review Air Navigation Report-2023 and provide update information for development of the Air Navigation Report 2024 until 15 December 2024;
- b) States that have not achieved the target level of implementation should take necessary actions and submit a plan through their NANP to ICAO MID Office; and
- c) review and agree on the draft Conclusion on para 2.4 above.

Modules	Elements	Description (SAMP 2 nd)	Description (SAMP 3 rd)	MID Strategy plan indicators/metrics	Applicability area	Target	Year	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Qatar	Oman	Saudi Arabia	Sudan	Syria	UAE	Yemen	Regional level					
80-ACC	Advanced base inter-facility data exchange (ACD)	The element represents a first automation step in the consolidation of the configuration and transfer of control between neighbouring ATIS units to guarantee that all related and necessary flight information will be available to the other user as per agreement.	This element represents a first automation step in the transfer of the configuration and transfer of control between neighbouring ATIS units to guarantee that all related and necessary flight information will be available to the other user as per agreement.	Indicator: % of priority 1 ACD/OLD Interconnection have been implemented. Supporting metric: Number of ACD/OLD Interconnections implemented between adjacent ACCs	Bahrain: Qatar, UAC, Saudi Arabia, Kuwait, Iraq, Jordan, Saudi Arabia, Cyprus, Greece Iran: Turkey, Bahrain Iraq: Turkey, Kuwait Jordan: Egypt, Saudi Arabia Kuwait: Bahrain, Saudi Arabia Lebanon: Saudi Arabia, UAC Libya: Bahrain, Qatar, Saudi Arabia, Oman Qatar: Saudi Arabia, UAC Saudi Arabia: Qatar, Bahrain, Oman, Egypt, UAE UAE: Bahrain, Qatar, Saudi Arabia, Oman	70%	2023	45.00%	75.00%	0.00%	0.00%	100.00%	0.00%	NA	NA	100.00%	100.00%	75.00%	NA	NA	75.00%	NA	50.00%					
						2022	45.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	NA	25.00%	100.00%	14.29%	0.00%	NA	75.00%	NA	34.19%						
						2023	45.00%	75.00%	0.00%	0.00%	100.00%	0.00%	NA	NA	100.00%	0.00%	NA	NA	100.00%	100.00%	75.00%	NA	NA	75.00%	NA	50.00%		
						2022	45.00%	75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	NA	25.00%	100.00%	14.29%	0.00%	NA	75.00%	NA	34.19%					
Average																												
80-ATM	ATM/OLD	The element addresses strategic/long-term airspace management, Automated ATM support systems improve process management procedures and flexible airspace planning including time horizon specifications in all flight dimensions, time horizon and/or time horizon by providing mutual visibility on cost and military requirements. They also support flexible airspace planning according to cost and military MOP and support user requirements, including general user interface or integrated airspace operations regardless of individual functionalities.	This element addresses strategic/long-term airspace management, Automated ATM support systems improve process management procedures and flexible airspace planning including time horizon specifications in all flight dimensions, time horizon and/or time horizon by providing mutual visibility on cost and military requirements. They also support flexible airspace planning according to cost and military MOP and support user requirements, including general user interface or integrated airspace operations regardless of individual functionalities.	Indicator: % of ACCs using and implementing appropriate state procedures, and tools (underused) to support Airspace planning and/or flow and capacity management between Cost and Military impose efficiency of Airspace. Supporting metric: Number of ACCs using and implementing appropriate state procedures and tools (underused) to support Airspace planning and/or flow and capacity management between Cost and Military impose efficiency of Airspace. *As per the applicability area	Bahrain: Egypt Iran: Saudi Arabia (P ACDC) Iraq: Saudi Arabia (P ACDC) Jordan: Saudi Arabia (P ACDC) Kuwait: Saudi Arabia (P ACDC) Lebanon: Saudi Arabia (P ACDC) Libya: Saudi Arabia (P ACDC) Qatar: Saudi Arabia (P ACDC) Oman: Saudi Arabia (P ACDC) Saudi Arabia: Saudi Arabia (P ACDC) Sudan: Saudi Arabia (P ACDC) Syria: Saudi Arabia (P ACDC) UAE: Saudi Arabia (P ACDC) Yemen: Saudi Arabia (P ACDC)	50.00%	2023	100.00%	0.00%	NA	NA	100.00%	NA	NA	NA	NA	100.00%	100.00%	0.00%	NA	100.00%	NA	100.00%	71.43%				
						2022	100.00%	0.00%	NA	NA	0.00%	NA	NA	NA	NA	100.00%	100.00%	0.00%	NA	100.00%	0.00%	NA	100.00%	NA	100.00%	57.14%		
						2023	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	0.00%	NA	0.00%	NA	71.43%	
						2022	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	0.00%	NA	0.00%	NA	100.00%	
80-ATM	ATM/NEW	The element assesses the controller in conflict identification and planning tasks by providing automated early detection of potential conflicts including identification of flexible flight paths, identifying a conflict or accepting a flight level requested by another aircraft.	This element assesses the controller in conflict identification and planning tasks by providing automated early detection of potential conflicts including identification of flexible flight paths, identifying a conflict or accepting a flight level requested by another aircraft.	Indicator: % of States that implemented ATIS and MORA for ACCs, as required. Supporting metric: The number of States that implemented ATIS and MORA for ACCs, as required. *As per the applicability area	Bahrain: Egypt Iran: Saudi Arabia (P ACDC) Iraq: Saudi Arabia (P ACDC) Jordan: Saudi Arabia (P ACDC) Kuwait: Saudi Arabia (P ACDC) Lebanon: Saudi Arabia (P ACDC) Libya: Saudi Arabia (P ACDC) Qatar: Saudi Arabia (P ACDC) Oman: Saudi Arabia (P ACDC) Saudi Arabia: Saudi Arabia (P ACDC) Sudan: Saudi Arabia (P ACDC) Syria: Saudi Arabia (P ACDC) UAE: Saudi Arabia (P ACDC) Yemen: Saudi Arabia (P ACDC)	50.00%	2023	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	100.00%	100.00%	0.00%	NA	0.00%	NA	100.00%	71.43%			
						2022	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	0.00%	NA	100.00%	50.00%		
						2023	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	0.00%	NA	100.00%	NA	71.43%	
						2022	100.00%	100.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	0.00%	NA	100.00%	NA	50.00%	
Average																												
80-ATS	ATS/OLD	The element represents the initial step to enhancing the common situational awareness supporting optimum availability of airspace and ACC capacity to meet or traffic demands. It will result in a decreasing/eliminating progress of the execution of aircraft operations, supporting the reduction of the risk of collision, and the risk of loss of control terrain and other network operations based on the risk and more accurate information. It aims to the implementation of new tools/systems and processes locally.	This element represents the initial step to enhancing the common situational awareness supporting optimum availability of airspace and ACC capacity to meet or traffic demands. It will result in a decreasing/eliminating progress of the execution of aircraft operations, supporting the reduction of the risk of collision, and the risk of loss of control terrain and other network operations based on the risk and more accurate information. It aims to the implementation of new tools/systems and processes locally.	Indicator: % of States implementing ADS/ATM techniques, procedures and tools for the initial establishment of an integrated collaborative airspace management and/or traffic flow and capacity management process. Supporting metric: Number of States implementing ADS/ATM techniques, procedures and tools for the initial establishment of an integrated collaborative airspace management and/or traffic flow and capacity management process.	Bahrain: Egypt Iran: Saudi Arabia (P ACDC) Iraq: Saudi Arabia (P ACDC) Jordan: Saudi Arabia (P ACDC) Kuwait: Saudi Arabia (P ACDC) Lebanon: Saudi Arabia (P ACDC) Libya: Saudi Arabia (P ACDC) Qatar: Saudi Arabia (P ACDC) Oman: Saudi Arabia (P ACDC) Saudi Arabia: Saudi Arabia (P ACDC) Sudan: Saudi Arabia (P ACDC) Syria: Saudi Arabia (P ACDC) UAE: Saudi Arabia (P ACDC) Yemen: Saudi Arabia (P ACDC)	50.00%	2023	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	NA	100.00%	100.00%	100.00%	0.00%	NA	100.00%	NA	100.00%	41.67%			
						2022	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	NA	100.00%	100.00%	100.00%	0.00%	NA	100.00%	NA	100.00%	41.67%	
						2023	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	NA	100.00%	100.00%	100.00%	0.00%	NA	100.00%	NA	100.00%	41.67%
						2022	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	NA	100.00%	100.00%	100.00%	0.00%	NA	100.00%	NA	100.00%	41.67%
Average																												
80-ACC	ACC/OLD	TCAS systems selectively intervene nearby aircraft to prevent loss of control terrain (LOCT) by issuing traffic advisories, resolution advisories, and traffic alerts. This information is passed through "voice light" to the cockpit. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA.	TCAS systems selectively intervene nearby aircraft to prevent loss of control terrain (LOCT) by issuing traffic advisories, resolution advisories, and traffic alerts. This information is passed through "voice light" to the cockpit. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA.	Indicator: % of States requiring coverage of ACC (TCAS v. 7.0) for aircraft with a maximum certified take-off mass greater than 5,700 kg. Supporting metric: Number of States requiring coverage of ACC (TCAS v. 7.0) for aircraft with a maximum certified take-off mass greater than 5,700 kg.	Bahrain: Egypt Iran: Saudi Arabia (P ACDC) Iraq: Saudi Arabia (P ACDC) Jordan: Saudi Arabia (P ACDC) Kuwait: Saudi Arabia (P ACDC) Lebanon: Saudi Arabia (P ACDC) Libya: Saudi Arabia (P ACDC) Qatar: Saudi Arabia (P ACDC) Oman: Saudi Arabia (P ACDC) Saudi Arabia: Saudi Arabia (P ACDC) Sudan: Saudi Arabia (P ACDC) Syria: Saudi Arabia (P ACDC) UAE: Saudi Arabia (P ACDC) Yemen: Saudi Arabia (P ACDC)	100.00%	2023	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
						2022	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
						2023	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
						2022	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
Average																												
80-ACC	ACC/NEW	TCAS systems selectively intervene nearby aircraft to prevent loss of control terrain (LOCT) by issuing traffic advisories, resolution advisories, and traffic alerts. This information is passed through "voice light" to the cockpit. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA.	TCAS systems selectively intervene nearby aircraft to prevent loss of control terrain (LOCT) by issuing traffic advisories, resolution advisories, and traffic alerts. This information is passed through "voice light" to the cockpit. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA. Resolution advisories (RA) are issued to the pilot and the pilot is required to follow the RA.	Indicator: % of States that have implemented Doornik conflict alert (CA). Supporting metric: Number of States that have implemented Doornik conflict alert (CA). *As per the applicability area	Bahrain: Egypt Iran: Saudi Arabia (P ACDC) Iraq: Saudi Arabia (P ACDC) Jordan: Saudi Arabia (P ACDC) Kuwait: Saudi Arabia (P ACDC) Lebanon: Saudi Arabia (P ACDC) Libya: Saudi Arabia (P ACDC) Qatar: Saudi Arabia (P ACDC) Oman: Saudi Arabia (P ACDC) Saudi Arabia: Saudi Arabia (P ACDC) Sudan: Saudi Arabia (P ACDC) Syria: Saudi Arabia (P ACDC) UAE: Saudi Arabia (P ACDC) Yemen: Saudi Arabia (P ACDC)	50%	2023	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
						2022	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
						2023	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
						2022	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
Average																												
80-LNET	NET/OLD	Secondary data from ground radar and ADS-B systems is used to track aircraft. For each pair of aircraft which are sufficiently close, a short term conflict alert is issued if at least one of the following items is true: 1. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold. 2. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold. 3. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold.	Secondary data from ground radar and ADS-B systems is used to track aircraft. For each pair of aircraft which are sufficiently close, a short term conflict alert is issued if at least one of the following items is true: 1. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold. 2. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold. 3. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold.	Indicator: % of States that have implemented Minimum Safe Altitude Warning (MSAW). Supporting metric: Number of States that have implemented Minimum Safe Altitude Warning (MSAW).	Bahrain: Egypt Iran: Saudi Arabia (P ACDC) Iraq: Saudi Arabia (P ACDC) Jordan: Saudi Arabia (P ACDC) Kuwait: Saudi Arabia (P ACDC) Lebanon: Saudi Arabia (P ACDC) Libya: Saudi Arabia (P ACDC) Qatar: Saudi Arabia (P ACDC) Oman: Saudi Arabia (P ACDC) Saudi Arabia: Saudi Arabia (P ACDC) Sudan: Saudi Arabia (P ACDC) Syria: Saudi Arabia (P ACDC) UAE: Saudi Arabia (P ACDC) Yemen: Saudi Arabia (P ACDC)	50%	2023	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
						2022	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%			
						2023	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
						2022	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
Average																												
80-LNET	NET/NEW	Secondary data from ground radar and ADS-B systems is used to track aircraft. For each pair of aircraft which are sufficiently close, a short term conflict alert is issued if at least one of the following items is true: 1. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold. 2. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold. 3. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold.	Secondary data from ground radar and ADS-B systems is used to track aircraft. For each pair of aircraft which are sufficiently close, a short term conflict alert is issued if at least one of the following items is true: 1. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold. 2. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold. 3. Current proximity level (CPL) is below the current horizontal separation to lower than a horizontal threshold and their current vertical separation is lower than a vertical threshold.	Indicator: % of States that have implemented Area Priority Warning (APW) for ACCs, as required. Supporting metric: Number of States that have implemented Area Priority Warning (APW) for ACCs, as required.	Bahrain: Egypt Iran: Saudi Arabia (P ACDC) Iraq: Saudi Arabia (P ACDC) Jordan: Saudi Arabia (P ACDC) Kuwait: Saudi Arabia (P ACDC) Lebanon: Saudi Arabia (P ACDC) Libya: Saudi Arabia (P ACDC) Qatar: Saudi Arabia (P ACDC) Oman: Saudi Arabia (P ACDC) Saudi Arabia: Saudi Arabia (P ACDC) Sudan: Saudi Arabia (P ACDC) Syria: Saudi Arabia (P ACDC) UAE: Saudi Arabia (P ACDC) Yemen: Saudi Arabia (P ACDC)	70%	2023	100.00%	100.00%	100.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	75.00%			
						2022	100.00%	75.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%		
						2023	100.00%	75.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
						2022	100.00%	75.00%	0.00%	0.00%	100.00%	100.00%	0.00%	NA	100.00%	100.00%	0.00%	NA	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
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