



International Civil Aviation Organization

MIDANPIRG Air Traffic Flow Management Task Force

Ninth Meeting (ATFM TF/9)
(Dubai, UAE, 27 February 2025)

Agenda Item 2: Regional Framework

UPDATED STATUS OF IMPLEMENTATION OF MID ATFM PLAN (PHASE 1A)

(Presented by the Secretariat)

SUMMARY

This paper presents updated status of the MID ATFM Implementation Phase 1A.

Action by the meeting is at paragraph 3.

REFERENCES

- ICAO MID Doc 014 (MID ATFM Plan V2.0)

1. INTRODUCTION

1.1 ICAO Doc 014 (MID ATFM Plan) Version 2 endorsed by MIDANPIRG/19 Conclusion 19/14 as follows:

MIDANPIRG CONCLUSION 19/14: MID ATFM PLAN (V2.0)

That, the MID Doc 014 renamed as MID Region Air Traffic Flow Management Plan (V2.0), is endorsed and be published on the ICAO MID website.

1.2 In this document, Part I, item 5, the implementation of the MID ATFM Plan was carried out in a phased manner as detailed below:

- a) REGIONAL ATFM CAPABILITY PHASE I (2 years)
 - i. PHASE IA (Expected implementation duration, 1 year);
 - ii. PHASE IB (Expected implementation duration, 1 year); and
- b) REGIONAL ATFM CAPABILITY PHASE II (3 years).

2. DISCUSSION

2.1 ICAO MID with the support of the ATFM TF Chairperson, developed and circulated the ATFM implementation survey Phase IA through ICAO MID State Letter (Ref: ME 3/2.1.1 – 23/193 dated 12 September 2023). In this respect, ICAO MID received feedback from 10 States. Furthermore, during 2024 ICAO MID received additional updates from some MID States presented at **Appendix A**.

2.2 The meeting may wish to note that based on the MID ATFM Plan (ICAO MID Doc 014), the targeted date for implementation of Phase IB was end of December 2024. This Phase the following objectives are expected to be achieved.

- a) *Analyze operational flight plan (FPL) and ATS message distribution systems.*
- b) *Requirements for FPL to be submitted 3 hours prior to Estimated Off Block Time.*
- c) *Integrate ATFM, AMAN/DMAN, and A-CDM systems through common fixes, terminology, and communication protocols.*
- d) *Implement strategic airport slot allocation if necessary.*
- e) *Pre-tactical modelling of expected airport and airspace configuration and capacity demand balancing.*
- f) *Implementation, revision, or cancellation of GDPs for inbound traffic, or minutes-in-trail (MINIT) or miles-in-trail (MIT) where CTOT may not be applied.*
- g) *Post-Operational analysis to provide feedback for procedures and processes.*

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review the result of the survey at **Appendix A**;
 - b) encourage States to adhere with the requirements of ATFM Plan Phase IA and reinforce the progress of the areas underlined at **Appendix A**;
 - c) encourage international organizations and industry to support the implementation of the MID ATFM Plan by focusing on the area highlighted at **Appendix A** and;
 - d) ICAO MID with coordination of ATFM Chairperson conducts a survey to assess progress of the ATFM Phase I (IA & IB) in the MID region and provides required analysis to the ATFM TF/10 meeting for review and further actions.
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ICAO MID

Air Traffic Flow Management (ATFM) Survey 2023**Objective:**

This ATFM Survey 2023 is prepared and circulated in accordance with the outcomes of the ATFM TF/7 (Doha, Qatar, 8-9 Feb 2023), the result will be reviewed by ATFM TF/8 before presenting to ATM SG/9 planned in November 2023 for further process.

History:

The ATFM TF/7 meeting noted that the results of the last ATFM implementation survey (conducted in 2016) are not representing the latest developments by the States, and encouraged the ATFM TF to develop and circulate a new survey, including mainly the activities of Phase IA of the MID ATFM Implementation Plan (MID Doc 014), to the MID States to enable the TF to monitor the actual level of implementation and provide the necessary support, as required. Based on the above, ATFM TF/7 meeting agreed on the development and distribution of the ATFM implementation survey by the Secretariat supported by the Chairperson.

Methodology:

In this survey, a questionnaire is developed in accordance with ICAO MID Doc 014 (MID ATFM plan) implementation phase IA only. The questionnaire is composed of an objective and direct questions, to allow solid analysis of States that are ahead of Phase 1A of the MID Region Plan, are requested to elaborate on their current implementation in the text box at the end of the questionnaire; also, they are invited to share their experience in the implementation with the ATFM TF members.

Duration:

This questionnaire consists of 40 questions and expected to take 30 minutes to complete.

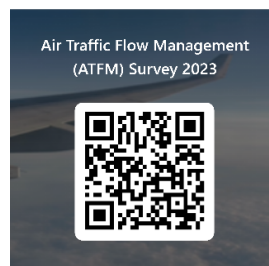
References:

- ICAO MID ATFM Plan (MID Doc 014): <https://www.icao.int/MID/MIDANPIRG/Pages/MID-Docs.aspx>
- GANP portal: <https://www4.icao.int/ganportal/>
- ASBU Elements: <https://www4.icao.int/ganportal/ASBU>

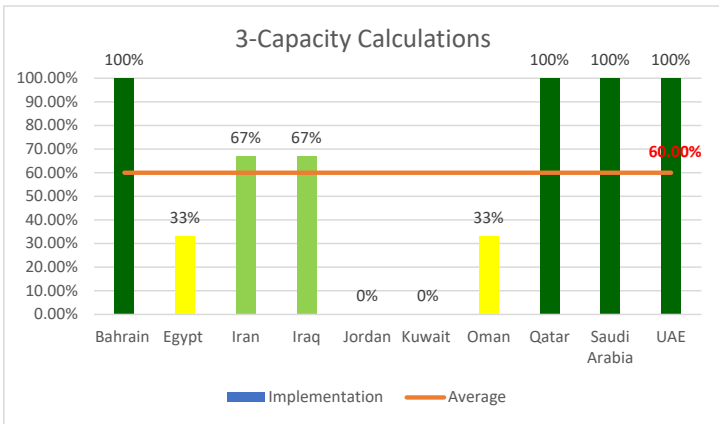
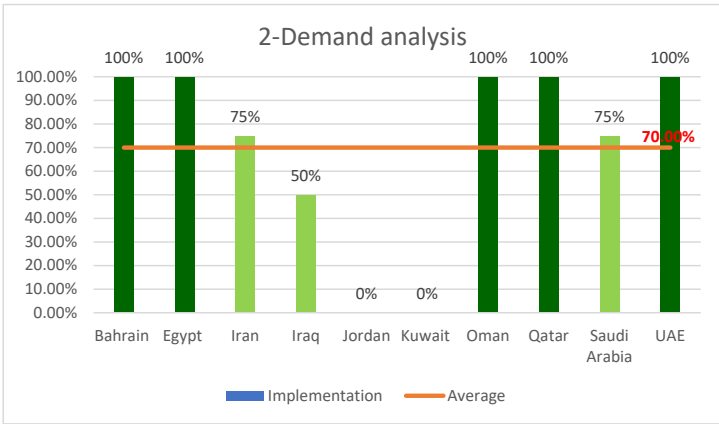
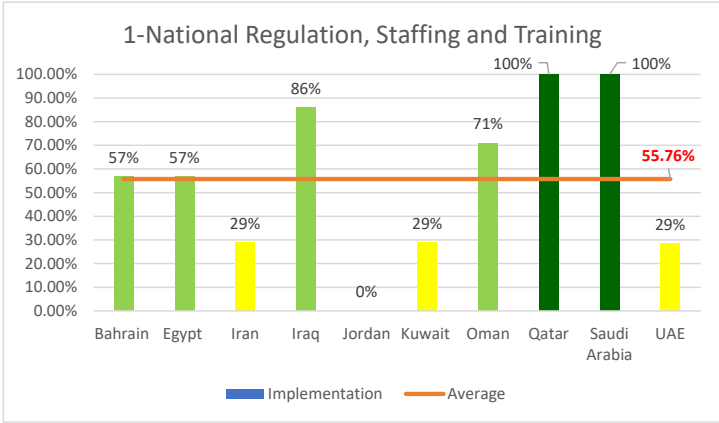
for further details/clarification, please contact Mr. Ahmad Kaveh (Akaveh@icao.int)

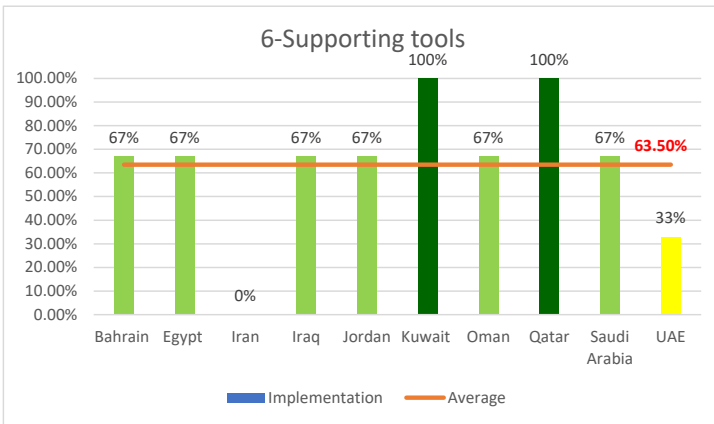
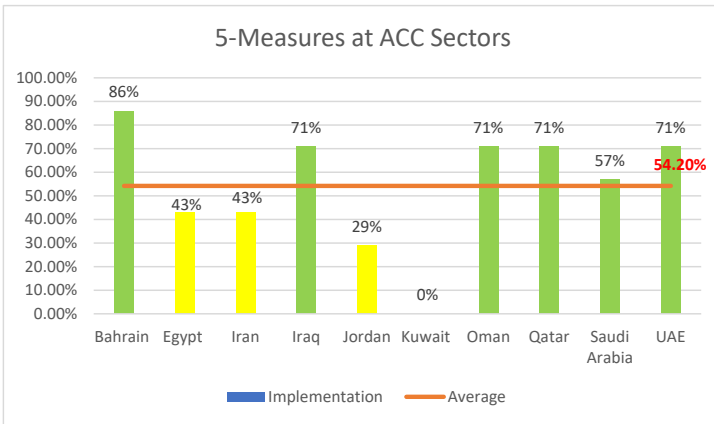
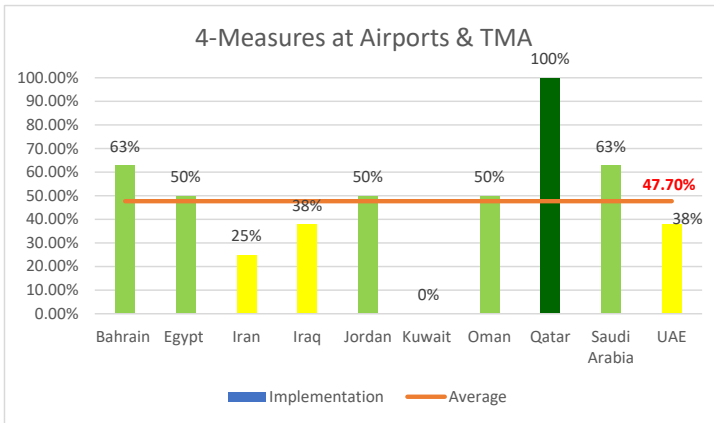
Please submit the response to ICAO MID at (icaomid@icao.int) before 10 October 2023.

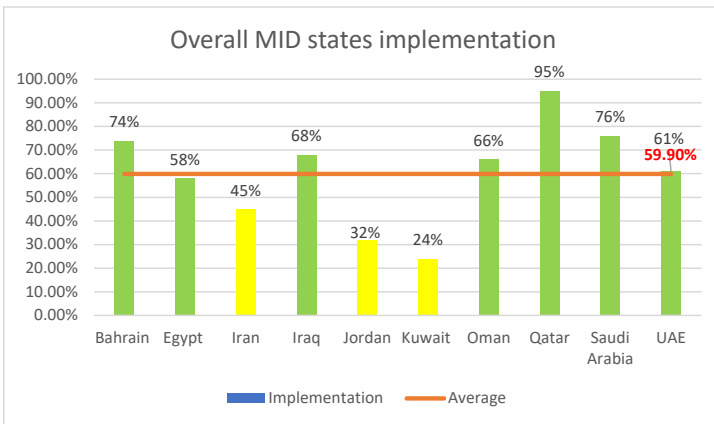
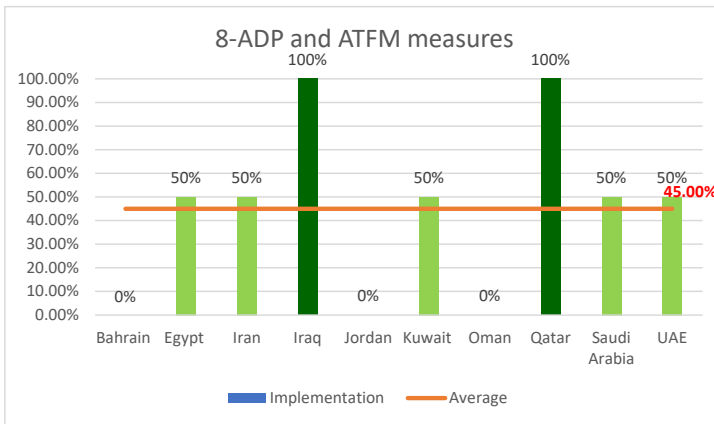
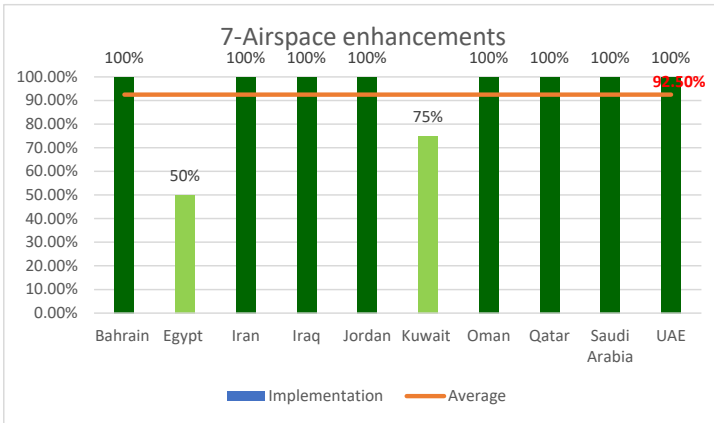
This survey is also available online: <https://forms.office.com/r/wcdFsQbv9g>



#	Area	Questions	Bahrain	Egypt	Iran	Iraq	Jordan	Lebanon	Libya	Kuwait	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	
	Focal Point contact details	State Focal Point: Please enter: Name, Job Title, Department, Organization/State. Contact details: Please provide phone number and email address.	Ahmed AlMaiki A/Chief Air Traffic Management Kingdome of Bahrain	Mr.Mohamed Ali - ATM GD	seyedah hannan sheikh mohammad amini	mohamad ali mohammed ATFM Manager GCANS - Iraq	not implemented			Mustafa Altarrah Head of Air Navigation Services Inspectors	Mohammed Rashid Al Balushi,ATFM focal/ATCO/ATSM,Air Traffic Services, CAA/Oman		Name: Ahmad Abu-Ghallab Job title: ATFM Chief Department: Air Traffic Management Organization: Saudi Air Navigation Services (SANS)			Sagr Al Marashda, Senior Manager - Airspace Management, Air Traffic Management Department, UAE GCAA		
			(973)17321085 a.almaiki@mtt.gov.bh	m.ali@civlaviation.gov.eg mohab777@gmail.com	h.amini@caa.gov.ir	009647708817030 atfm-manager@gcans.gov.iq	not implemented			+965 64444408	Telephone: +968 99771975. email:mohammad.balushi@caa.gov.om		Phone number: +966126848121 E-mail: asabughallab@sans.com.sa			P: +97125996677 e: smarashda@szc.gcaa.ae		
IA-1	National Regulation, Staffing and Training	Has your State promulgated National regulations for the implementation of ATFM? (Ref. An. 11, Chapter 3, Para 3.7.5 and Doc 4444, Chapter 3, Para 3.2)	Implemented	Implemented	Implemented					Implemented	Not Implemented	Implemented	Implemented			Not Implemented		
IA-2		Has your State developed national ATFM procedure to meet the ICAO MID ATFM Plan (Doc 014) Part I Phase IA Para 5.5?	Implemented	Not Implemented	Not Implemented	Implemented				Implemented	Implemented	Implemented	Implemented			Not Implemented		
IA-3		Has your State/ANSP established an Organizational structure including ATFM posts? (in accordance with Doc 9971, Part II, Chapter 3, Para 3.1)	Implemented	Implemented	Implemented	Implemented				Not Implemented	Implemented	Implemented	Implemented			Not Implemented		
IA-4		Has your State/ANSP assigned/recruited staff (with clear Job Description) for provision of ATFM services?	Not Implemented	Implemented	Not Implemented	Implemented		partially			Not Implemented	Not Implemented	Implemented	Implemented			Not Implemented	
IA-5		Has your State/ ANSP conducted the required Training for ATFM Personnel? (Ref. MID Doc 014, Part I, Para 3.64 & 3.65 as well as Appendix J)	Not Implemented	Not Implemented	Not Implemented	Implemented					Not Implemented	Implemented	Implemented	Implemented			Not Implemented	
IA-6		Has your State/ANSP conducted awareness for ATM staff on the basics of ATFM and its connection with ATS units?	Implemented	Implemented	Not Implemented	Implemented					Not Implemented	Implemented	Implemented	Implemented			Implemented	
IA-7		Has your State/ANSP conducted workshops / training courses to introduce the basics of ATFM to external stakeholders including Airspace Users (AUs)?	Not Implemented	Not Implemented	Not Implemented	Implemented					Not Implemented	Implemented	Implemented	Implemented			Implemented	
IA-8		Has your State/ANSP performed an analysis of traffic demand and expected growth for the next 5 years at international Airports? (Ref. on ICAO MID Doc 014, Part I, Para 5.7)	Implemented	Implemented	Implemented	Not Implemented					Not Implemented	Implemented	Implemented	Implemented			Implemented	
IA-9		Has your State/ANSP performed an analysis of traffic demand and expected growth for the next 5 years at TMA(s)? (Ref. based on ICAO MID Doc 014, Part I, Para 5.7)	Implemented	Implemented	Implemented	Not Implemented		partially			Not Implemented	Implemented	Implemented	Implemented			Implemented	
IA-10		Has your State/ANSP performed an analysis of traffic demand and expected growth for the next 5 years at ACC Sectors? (Ref. based on ICAO MID Doc 014, Part I, Para 5.7)	Implemented	Implemented	Implemented	Implemented					Not Implemented	Implemented	Implemented	Not Implemented			Implemented	
IA-11		Has your State identified Airspaces (TMA, ACC sectors) or Airports where Air Traffic demand could exceed or expected to exceed the capacity of Air Traffic Services concerned? To be included in ATFM Programme.	Implemented	Implemented	Not Implemented	Implemented					Not Implemented	Implemented	Implemented	Implemented			Implemented	
IA-12	Capacity Calculations	Has your State/ANSP performed capacity calculation (strategic level) at international Airports?	Implemented	Not Implemented	Implemented	Implemented	not implemented			Not Implemented	Not Implemented	Implemented	Implemented			Implemented		
IA-13		Has your State/ANSP performed capacity calculation (strategic level) at TMA(s)?	Implemented	Not Implemented	Not Implemented	Not Implemented	not implemented			Not Implemented	Not Implemented	Implemented	Implemented			Implemented		
IA-14		Has your State/ANSP performed capacity calculation (strategic level) at ACC sectors/ATS route segment(s)?	Implemented	Implemented	Implemented	Implemented	not implemented			Not Implemented	Implemented	Implemented	Implemented			Implemented		
IA-15		Has your State/ANSP performed a regular (bi-annual, quarterly, monthly...) analysis of traffic demand at international Airports? (Ref. on ICAO MID Doc 014, Part I, Para 5.6)	Implemented	Implemented	Implemented	Not Implemented					Not Implemented	Implemented	Implemented	Implemented			Implemented	
IA-16	Has your State/ANSP performed a regular (bi-annual, quarterly, monthly...) analysis of traffic demand at TMA(s)? (Ref. on ICAO MID Doc 014, Part I, Para 5.6)	Implemented	Implemented	Not Implemented	Not Implemented					Not Implemented	Not Implemented	Implemented	Implemented			Implemented		
IA-17	Does your State/ANSP developed procedure to collect, analyze and disseminate constraints at the identified Airport(s) and TMAs related to capacity, Weather, equipment outage, Runway closure and other operational issues?	Implemented	Not Implemented	Not Implemented	Implemented		implemented			Not Implemented	Implemented	Implemented	Implemented			Not Implemented		







Total replied	Total (National Regulation, Staffing and Training)	Total (Demand analysis)	Total (Capacity Calculations)	Total (Measures at Airports and TMA)	Total (Measures at ACC Sectors)	Total (Supporting tools)	Total (Airspace enhancements)	Total (ADP & ATFM measures)									
377	69	40	30	80	69	30	40	19									
Total implemented	% Implemented	% Implemented	% Implemented	% Implemented	% Implemented	% Implemented	% Implemented	% Implemented									
227	60.2	39	56.5	28	70.0	18	60.0	38	47.5	38	55.1	19	63.3	38	95.0	9	47.4
Total not implemented	Not implemented	Not implemented	Not implemented	Not implemented	Not implemented	Not implemented	Not implemented	Not implemented									
150	30	12	12	42	31	11	2	10									
Bahrain	Iran	Iraq	Kuwait	Qatar	UAE	Oman	Saudi Arabia	Jordan	Egypt	Average in each area							
National Regulation, Staffing and Training																	
7 Implemented 4 % 57.1	7 Implemented 2 % 28.57	7 Implemented 6 % 85.7	7 Implemented 2 % 28.6	7 Implemented 7 % 100	7 Implemented 2 % 28.6	7 Implemented 5 % 71.4	7 Implemented 7 % 100	7 Implemented 0 % 0	7 Implemented 4 % 57.1	56.5							
Demand analysis																	
4 Implemented 4 % 100	4 Implemented 3 % 75	4 Implemented 2 % 50	4 Implemented 0 % 0	4 Implemented 4 % 100	4 Implemented 4 % 100	4 Implemented 4 % 100	4 Implemented 3 % 75	4 Implemented 0 % 0	4 Implemented 4 % 100	70.0							
Capacity Calculations																	
3 Implemented 3 % 100	3 Implemented 2 % 66.67	3 Implemented 2 % 66.7	3 Implemented 0 % 0	3 Implemented 3 % 100	3 Implemented 3 % 100	3 Implemented 1 % 33.3	3 Implemented 3 % 100	3 Implemented 0 % 0	3 Implemented 1 % 33.3	60.0							
Measures at Airports and TMA																	
8 Implemented 5 % 62.5	8 Implemented 2 % 25	8 Implemented 3 % 37.5	8 Implemented 0 % 0	8 Implemented 8 % 100	8 Implemented 3 % 37.5	8 Implemented 4 % 50	8 Implemented 5 % 62.5	8 Implemented 4 % 50	8 Implemented 4 % 50	47.5							
Measures at ACC Sectors																	
7 Implemented 6 % 85.7	7 Implemented 3 % 42.86	7 Implemented 5 % 71.4	7 Implemented 0 % 0	7 Implemented 5 % 71.4	7 Implemented 5 % 71.4	7 Implemented 5 % 71.4	7 Implemented 4 % 57.1	7 Implemented 2 % 28.6	7 Implemented 3 % 42.9	55.1							
Supporting tools																	
3 Implemented 2 % 66.7	3 Implemented 0 % 0	3 Implemented 2 % 66.7	3 Implemented 3 % 100	3 Implemented 3 % 100	3 Implemented 1 % 33.3	3 Implemented 2 % 66.7	3 Implemented 2 % 66.7	3 Implemented 2 % 66.7	3 Implemented 2 % 66.7	63.3							
Airspace enhancements																	
4 Implemented 4 % 100	4 Implemented 4 % 100	4 Implemented 4 % 100	4 Implemented 3 % 75	4 Implemented 4 % 100	4 Implemented 4 % 100	4 Implemented 4 % 100	4 Implemented 4 % 100	4 Implemented 4 % 100	4 Implemented 3 % 75	95.0							
ADP and ATFM measures																	
2 Implemented 0 % 0	2 Implemented 1 % 50	2 Implemented 2 % 100	2 Implemented 1 % 50	2 Implemented 2 % 100	2 Implemented 1 % 50	2 Implemented 0 % 0	2 Implemented 1 % 50	2 Implemented 0 % 0	2 Implemented 1 % 50	47.4							
Overall MID states implementation																	
73.7	44.7	68.4	23.7	94.7	60.5	65.8	76.3	31.6	57.9	60.2							