



International Civil Aviation Organization

Middle East Regional Monitoring Agency Board

Fifteenth Meeting (MIDRMA Board/15)
(Muscat, Oman, 29 – 31 January 2018)

Agenda Item 4: RVSM Monitoring and related Technical Issues

DEVELOPMENT OF MID RVSM SMR 2017

(Presented by MIDRMA)

SUMMARY

This Working Paper details the progress of the development of MID RVSM Safety Monitoring Report 2017 and the difficulties to obtain the required Traffic Data Sample (TDS) including problems of corrupted and late receipt of the data from some MIDRMA Member States to carry out the Safety Analysis.

Action by the meeting is at paragraph 3.

REFERENCES

- MIDANPIRG/16 Report
- MID RVSM SMR 2016 Ver. 0.1

1. INTRODUCTION

1.1 The MID RVSM Safety Monitoring Report 2017 (SMR) covers the current reporting period from 01st September 2017 till 31st August 2018 in the MIDRMA's ongoing process of providing periodic updates of information relevant to the continued safe use of the RVSM in the ICAO Middle East Airspace.

1.2 This working paper contained information concerning the status of submitting the Traffic Data Sample (TDS) required for developing the MID RVSM SMR 2017 and the difficulties facing the MIDRMA to process these data.

1.3 The first draft version of SMR 2017 will be presented to the next ATM SG meeting for the technical review as required by MIDANPIRG.

2. DISCUSSION

2.1 Further to the outcome of MIDANPIRG/16 Kuwait, 13 – 16 February 2017, agreed under CONCLUSION 16/2 that for the development of the MID RVSM SMR 2017, the TDS required for the safety analysis must be collected from 01st September 2017 until 30th September 2017 for all traffic operating within the ICAO Middle East RVSM airspace and must be submitted to the MIDRMA not later than 31st October 2017.

MIDANPIRG CONCLUSION 16/2: MID RVSMSMR 2017

That,

- a) the FPL/traffic data for the period 1 – 30 September 2017 be used for the development of the MID RVSM Safety Monitoring Report (SMR 2017);*
- b) only the appropriate Flight Data form available on the MIDRMA website (www.midrma.com) should be used for the provision of FPL/traffic data to the MIDRMA; and*
- c) the final version of the MID RVSM SMR 2017 be ready for presentation to and endorsement by MIDANPIRG/17.*

2.2 As our usual practice for the preparation of every safety monitoring report to ensure that attention is drawn to the need of collecting the traffic data sample, the MIDRMA circulated a reminder email to all the focal points responsible for submitting the TDS on 27th August 2017 to ensure their readiness for this task before the effective date of Conclusion 16/2.

2.3 Unfortunately, the deadline for submitting the TDS passed and the same problems still exist for this report, the most recent annual one-month traffic movement samples for September 2017 were received from the Flight Information Regions (FIRs) listed in Table 1 but with so many errors including missing flights from some member states although these errors were mentioned in the previous SMRs and these member states were also briefed to overcome these errors but they continued to submit the data with the same errors.

MID States	Sep. 2017	Status	Received Dates
Bahrain FIR	27736	Accepted	17/10/2017
Cairo FIR	28225	Accepted	19/10/2017
Amman FIR	6477	Accepted	29/10/2017
Muscat FIR	40563	Accepted	26/10/2017
Tehran FIR	58331	Accepted	18/11/2017
Khartoum FIR	6717	Accepted	26/10/2017
Emirates FIR	22125	Accepted	24/10/2017
Damascus FIR	1671	Accepted	03/10/2017
Sana'a FIR	4163	Accepted	17/10/2017
Jeddah FIR	42378	Under Process	21/12/2017
Beirut FIR	-	No TDS Submitted	-
Baghdad FIR	9732	Rejected	18/12/2017
Kuwait FIR	4488	Rejected	21/12/2017
Tripoli FIR	-	No TDS Submitted	
Total	252,606	13 FIRs	

Table 1 ; Status of the MID States RVSM Traffic Data Sample (TDS) for Sep. 2017

2.4 The data format for the SMR remains the same since the last three SMRs and was well explained in the reminder email, but some member states submitted their data completely different which cannot be processed by the MIDRMA MID Risk Analysis Software (MIDRAS).

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2.5 As a result, the MIDRMA would like to put a proposal to the meeting concerning the States which do not have an automated TDS generation capability to submit their raw flight plan messages data instead of the conventional format TDS, the MIDRMA will develop a software which will take care of transforming these raw data in to the required format for the MIDRAS and calculate the safety parameters , although this step will complicate the process of compiling the data and extra efforts will be required to merge these data with the data from other FIRs submitted actual TDS but it's much more better than completely losing the data from some Member States.

Note: The flight plans do not represent actual traffic movement, the parameters derived from the information in the flight plans are still acceptable in calculating the risk estimation as per ICAO risk module.

2.6 The MIDRMA will work to link the data derived from the flight plans with the actual data received from other FIRs to avoid linking continuity errors, therefore the MIDRMA propose the following draft conclusion to the meeting and to forward it to MIDANPIRG for endorsement:

DRAFT CONCLUSION 15/XX: SUBMISSION OF FLIGHT PLANS AS TRAFFIC SAMPLE DATA (TSD):

MIDRMA Member States do not have an automated Traffic Data Sample generation capability are requested to coordinate with MIDRMA to submit their flight plans for the requested period instead of the conventional traffic data to start a trial process before MIDRMA report their acceptance for future SMRs.

2.7 For the third consecutive Safety Monitoring Reports, the MIDRMA request from the meeting to agree in excluding Tripoli FIR temporary from the RVSM safety analysis due to lack of TDS and reporting LHD since Libya joint the MIDRMA.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and discuss the difficulties facing the MIDRMA concerning the submission of TDS;
- b) urge Kuwait and Iraq to submit their traffic data as per MIDANPIRG CONCLUSION 16/2 as soon as possible;
- c) discuss and approve the draft conclusion in 2.6; and
- d) discuss and approve MIDRMA's request to exclude Tripoli FIR temporary from the MID RVSM SMR 2017.

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