



International Civil Aviation Organization

Regional Aviation Safety Group - Middle East

Sixth Meeting (RASG-MID/6)
(Bahrain, 26-28 September 2017)

Agenda Item 3: Regional Performance Framework for Safety

CANSO PROGRESS REPORT ON THE SEI RELATED TO SMS IMPLEMENTATION FOR ATM

(Presented by Civil Air Navigation Services Organisation (CANSO))

SUMMARY

This paper presents a progress report on the Safety Enhancement Initiative (SEI) related to SMS implementation for ATM.

Action by the meeting is at paragraph 7.

REFERENCES

- ATM-SG/3
- CANSO Website : <https://www.canso.org/safety>
- MIDANPIRG/16
- MID-SST/1
- RASG-MID/2
- RASG-MID/5
- RSC/4
- RSC/5

1. INTRODUCTION

1.1 Among the RASG-MID objectives is to enhance safety in the MID Region; ensure that all safety activities at the regional and sub-regional level are properly coordinated to avoid duplication of efforts; encourage/ensure effective coordination and cooperation between all stakeholders; and encourage resource sharing.

1.2 The MID-SST was established by RASG-MID/2 in November 2012 to support the RASG-MID in the development and monitoring the implementation of the Safety Enhancement Initiatives (SEIs) related to important regional issues; to handle the identified safety issues not directly linked to the agreed focus areas such as Safety Management System.

2. DISCUSSION

2.1 *CANSO Championing an SEI Related to SMS Implementation for ATM*

2.2.1 CANSO mission is supported by three 'Pillars' based on three core vision elements:

being a strong partner; creating value for members and stakeholders; and optimising the efficiency and effectiveness of the organisation. Establishing strong partnership and collaboration with industry partners is essential to improving safety performance.

2.2.2 CANSO cooperates with ICAO to exchange safety information on a whole range of safety issues; and with other partners across the industry to develop, launch and implement the CANSO runway safety initiative www.cansosafety.com to reduce unstable approaches and runway excursions; and with other stakeholders to develop guidelines on ensuring a just culture whereby ANSP staff can report potential incidents without fear of consequences.

3. STATUS OF ATM SAFETY MANAGEMENT SYSTEM IN THE MIDDLE EAST

3.1 Air Traffic Management (ATM) faces many challenges including increasing traffic demand; the implementation of new technology; the growth in unmanned aircraft; increasing automation; and others. The ATM industry must address these while maintaining and improving safety. ATM related Safety activities are so limited in the Middle East. Safety implementation level varies from ANSP to another (depending on resources, human factors, and financial issues). SMS personnel from the ANSPs have limited participation in RASG/MID meetings and activities.

3.2 RASG/MID invited CANSO to champion a SEI related to SMS implementation for ATM. CANSO accepted the invitation, and started coordination with ICAO/MID and developed a plan with a clear objective, goal and detailed actions with clear deliverables and targets.

4. CANSO ME SAFETY SURVEYS

4.1 CANSO ME Safety-first Survey was prepared in coordination with GACA of Saudi Arabia in 2010; it was distributed to all ME ANSPs and not only CANSO members. Level of response to Survey was very low.

4.2 In 2016, CANSO developed and sent out a second SMS survey to assess and gather a better understanding of the ATM SMS implementation needs in the region including (policy, SRM, safety assurance, and promotion/ safety culture).

5. EUROCONTROL/CANSO SMS MATURITY SURVEY

5.1 At the ATM SG/3 meeting, the subject was addressed in WP/29 presented by CANSO. The meeting noted that CANSO is developing a plan with a clear objective, goal and detailed actions with clear deliverables and targets that will lead to the achievement of the SEI. CANSO provided the meeting with an overview of the EUROCONTROL/CANSO SMS Maturity Survey. The meeting agreed that the MID Office circulate the survey to the MID States.

5.2 The Survey comprised of 17-study areas based on the Standard of Excellence in Safety Management Systems, and built on the best practices of other ANSPs from around the globe and fully aligned with Annex 19. The 325 possible questions will enable self-assessment in identifying areas of SMS that need to be improved and voluntary inclusion for CANSO members in the annual benchmarking.

5.3 The Survey measures the maturity of ANSPs' safety management systems; establishes the extent of progress made by ANSPs with respect to the introduction of ATM safety management systems and how the SMS framework relates to safety in operations and engineering; it is a tool for ANSP to prove that its SMS have everything in place and to assist to continue to improving all areas of SMS.

5.4 The survey was distributed to all MID States and ANSPs urging them complete the Questionnaire and return it back allowing CANSO to analyse results and share results at the RASG-MID/6 meeting, or at the SMS Workshop that will take place in Muscat in November 2017. Unfortunately, no Feedback received from any State ANSP.

6. CANSO FUTURE SAFETY ACTIVITIES IN THE MIDDLE EAST

6.1 CANSO Middle East CEOs Committee (MEC3) agreed that the main operational focus for CANSO during 2018 in the region should be safety. Where CANSO can add and create the most value in helping to improve safety.

6.2 CANSO fully aware off obstacle might face its championing of the SMS in the Middle East such as (the availability of the required human resources ; availability of financial resources; and low response rate to surveys) but still committed to achieve its goals and to finalise what have been started to achieve the following:

- a) Better engagement with ICAO, other organisations, and member States to plan and implement the related ATM SMS activities, e.g partnership the MID Safety Summit, SMS Workshops, and SMS training as appropriate;
- b) Create awareness for SMS by conducting national and regional Workshops and Seminars;
- c) Use as applicable, and tailor the available CANSO global safety material to the region needs; and
- d) Conduct the 3-day workshop (25-27 November 2017) in Muscat (kindly hosted by PACA), where such as SMS overview, Just Culture, and the SMS Maturity survey will be covered.

7. ACTION BY THE MEETING

7.1 The meeting is invited to:

- a) note the information provided in this Paper;
- b) urge States and ANSPs to support CANSO championing the safety enhancement implementation plan related to SMS Implementation for ATM as appropriate;
- c) request the ICAO MID Office to send a reminder e-mail in regard to the SMS Questionnaire to the MID States;
- d) urge States to urge their ANSPs to complete the EUROCONTROL/CANSO Standard of Excellence in SMS Questionnaire and send it back to CANSO before the end of October 2017; and
- e) urge States/ANPSs to attend the ATM/SMS Workshop to be held in Muscat, Oman, 25-27 November 2017.