International Civil Aviation Organization

MIDANPIRG Communication, Navigation and Surveillance Sub-Group

Ninth Meeting (CNS SG/9)
(Cairo, Egypt, 19 – 21 March 2019)

Agenda Item 4: CNS Planning and Implementation in the MID Region

AIDC/OLDI IMPLEMENTATION SUPPORT TEAM

(Presented by Oman)

SUMMARY

This paper presents the proposal of establishing AIDC/OLDI Implementation Support Team composed from Subject Matter Expert (SME) to support States in AIDC/OLDI implementation in the MID Region, and expedite the process in accordance with the ICAO MID Doc 002, MID Region Guidance the Implementation of AIDC/OLDI.

Action by the meeting is at paragraph 3.

REFERENCES

- CNS SG/8 Meeting
- MSG/6 Meeting
- MID Doc 006

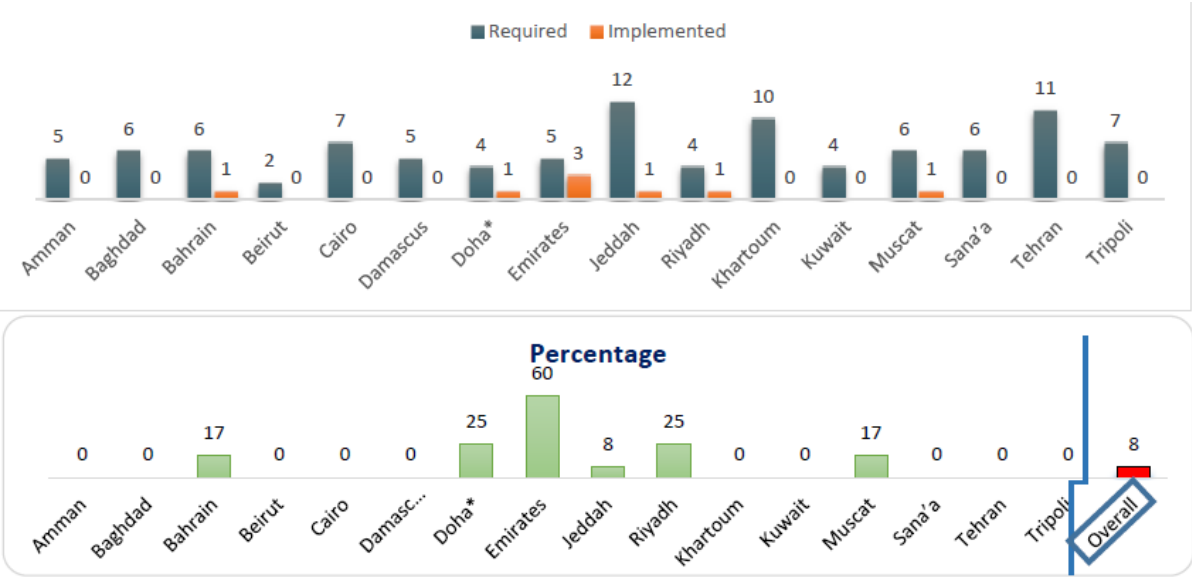
1. INTRODUCTION

1.1 Recognized by ICAO under its Global Air Navigation Plan (GANP) and Aviation System Block Upgrades (ASBU) framework as an effective tool to reduce manual intervention and ground-ground coordination errors between adjacent ATSUs, the ATS Inter-facility Data Communications (AIDC) is a data link application that provides the capability to exchange data between air traffic service units during the notification, coordination and transfer of aircraft between flight information regions. It is an automated system that facilitates routine coordination by providing a reliable and timely data exchange between ATSUs in which accurate information can be derived directly from the system, thus effectively reducing controllers' workload and hence human errors.

1.2 Noting MID Region target of Implementation of AIDC/OLDI between adjacent ACCs should be 70% by Dec 2017. Applicable to at least two area control center (ACCs) dealing with en-route and /or terminal control area (TMA) airspace. A greater number of consecutive participating ACCs will increase the benefits

1.3 Noting Sixth Meeting of MIDANPIRG Steering Committee (MSG/6), Discussion that implementation of AIDC/OLDI within the MID Region and EURO States and AIDC interface with AFI and APAC States, is still far beyond the acceptable level due to system interoperability, lack coordination, etc.

1.4 The percentage implement status of AIDC/OLDI Interconnection in MID Region is provided through the below graph:



1.5 ICAO MID provides member states guidance for implementation AIDC/OLDI in MID Region through MID Doc 006. The document includes in addition to the implementation phases, guidance material and sample of script to be used for testing.

2. DISCUSSION

2.1 Recall discussion CNS SG/8 meeting, the reasons for non-implementation AIDC/OLDI and recommendations based on challenges identified related AIDC/OLDI implementation in MID Region.

2.2 Considering slow progression in implementing AIDC/OLDI in MID Region due to the above, perceived the need to establish an Implementation Support Team composed from Subject Matter Expert (SME) from the MID Region to solve identified technical problems in effective manner in the short term and support the achievement of AIDC/OLDI related to MID Regional Implementation targets.

2.3 Given the need to minimize the implementation issues with AIDC, it is recognized that involved stakeholders shall do effort to accelerate their activities plan concurrently, exchange and coordinate their plan and modalities bilaterally with concerned Administrations to achieve harmonious AIDC/OLDI implementation in the MID Region. Letter of Agreement (LoA) on AIDC /OLDI requires arrangements and synchronization of technology refresh cycles and maintaining backward compatibility of the automation systems for smooth exchange of AIDC/OLDI messages.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

a) review the contents of this working paper; and

b) consider the Proposed steps in Section 2 above;

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