INFORMATION MANGEMENT PANEL (IMP)
THIRD MEETING OF THE WORKING GROUP (IMP/WG/3)

Montréal, Canada, 14 to 18 November 2016

Agenda Item 5: Information Architecture and Management

SESAR SWIM Global Demonstrations
Lessons Learned

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SUMMARY

As part of a sequence of global SWIM events, amongst these also the recently conducted FAA NextGen’s Mini Global II and the ICAO APAC workshop in Bangkok, at the ENAV prototype systems center, Rome ACC Italy, on the 8th and 9th of June, SESAR has conducted a SWIM Global Demonstration.

The SESAR SWIM Global Demonstration event brought together more than 150 visitors to see first-hand more than 40 organisations from across world regions, besides many partners from all across Europe, including United States, Australia, United Arab Emirates, Mongolia and Brazil.

During the SESAR SWIM Global Demonstration, through a series of joint interoperability demos, the SGD partners showed the technical feasibility of connecting different local implementations of SWIM, exchanging information in areas such as aeronautical, meteorological, and flight and network information through globally common SWIM standards.

An elaborate “lessons learned” on the SWIM principles, taken from the preparation of the SESAR SWIM Global Demonstration, is attached to this paper.
1. **INTRODUCTION**

1.1 As part of a sequence of global SWIM events, amongst these also the recently conducted FAA NextGen’s Mini Global II and the ICAO APAC workshop in Bangkok, at the ENAV prototype systems center, Rome ACC Italy, on the 8th and 9th of June, SESAR has conducted a SWIM Global Demonstration.

1.2 A video summary can be found at https://www.youtube.com/watch?v=kmbnDGOZEJU

2. **DISCUSSION**

2.1 The SESAR SWIM Global Demonstration event brought together more than 150 visitors to see first-hand more than 40 organisations from across world regions, besides many partners from all across Europe, including United States, Australia, United Arab Emirates, Mongolia and Brazil.

2.2 During the SESAR SWIM Global Demonstration, through a series of joint interoperability demos, the SGD partners showed the technical feasibility of connecting different local implementations of SWIM, exchanging information in areas such as aeronautical, meteorological, and flight and network information through globally common SWIM standards.

2.3 The attachment to this paper elaborates in high detail on the various aspects of SWIM, as experience during the preparation of the SESAR SWIM Global Demonstration. As the SESAR SWIM Global Demonstration validated the global applicability of SWIM, this feedback is primarily intended to serve as input for further improvement of SWIM through the ICAO IMP.

3. **ACTION BY THE MEETING**

3.1 The meeting is invited to:

1) note and review the contents of this working paper;

2) discuss and decide on the adoption of the recommendations for integration into future ICAO IMP deliverables.

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