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**International Civil Aviation Organization
South American Regional Office**

**FOURTH WORKSHOP/MEETING OF THE SAM IMPLEMENTATION GROUP (SAM/IG/4)
REGIONAL PROJECT RLA/06/901**

Lima, Peru, 19 to 23 October 2009

Agenda Item 5: Implementation of the Air Traffic Flow Management (ATFM) in the SAM Region

CDM MANUAL

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Summary

This Working Paper presents a proposal to develop a basic CDM Manual as a guide to states for the implementation of the processes of collaborative decision making.

References:

-ATFM CAR/SAM Manual

1 Background

1.1, Much has been achieved in the implementation of collaborative decision making (CDM), both in the United States as in Europe and in other countries, with very good results with this mechanism.

1.2 Moreover, the ATFM Manual in preparation for CAR/SAM Regions devotes a chapter to this mechanism for implementing a methodology that covers all areas involved in the system.

2 **Discussion**

2.1 The collaborative decision making (CDM) is a methodology that brings together service providers and parties involved in the system, in order to improve decisions related to the air traffic flow management.

2.2 The CDM is, therefore, a key element to maximize airport operations and air, as it takes into account all the elements of coordination among providers of air navigation services, such as flow management units (FMU); and those who receive such services, for example, the aircrafts and airport operators.

2.3 The CDM strategy is to bring all those involved in the planning process, sharing information on aircraft position, predictions, weather forecasts, traffic forecasts and, in general, anything that may contribute to the efficient operation of an airspace system at a regional level.

2.4 Also, the CDM allows participants of the system to optimise their decisions in collaboration with others, learning about their preferences, limitations and the actual and forecasted situation.

2.5 Given the experience of other countries, more advanced in the organization and use of this mechanism, it seems suitable to develop a basic manual that would serve as a guide to assist states in implementing the CDM.

3. **Suggested Action**

3.1 The Meeting is requested to take note of this initiative and if deemed appropriate, designate project RLA/06/901 to propose the task of developing a Basic Manual for the implementation of the CDM, that will serve as guidance to SAM Region states that have not implemented this mechanism yet.

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