



INFORMATION PAPER

**TECHNICAL ADVISORY GROUP ON MACHINE READABLE
TRAVEL DOCUMENTS (TAG/MRTD)**

TWENTY-FIRST MEETING

Montréal, 10 to 12 December 2012

Agenda Item 2: Activities of the NTWG
Agenda Item 2.1: Progress of Doc 9303 Revision

PROGRESS OF DOC 9303 REVISION

(Presented by the New Technologies Working Group)

1. INTRODUCTION

1.1 In its twentieth meeting in September 2011 the TAG/MRTD endorsed Working Paper 8 on the revision of Doc 9303.

1.2 The TAG/MRTD agreed to the proposed boundaries of the project consisting of

- a) Re-structuring Doc 9303 into 12 parts.
- b) Incorporation of issues from the Supplement to the re-structured Doc 9303.
- c) Incorporation of endorsed Technical Reports into the re-structured Doc 9303.

1.3 This Information Paper provides an update on the progress of the revision project.

2. BACKGROUND

2.1 Doc 9303 presently consists of:

- a) Part 1 - sixth edition, published in 2006;
- b) Part 2 - third edition, published in 2005;
- c) Part 3 - third edition, published in 2008; and
- d) Supplement to Doc 9303 - Release 11, published in 2011.

2.2 The TAG/MRTD recognized the fact that the three parts of Doc 9303 contain duplicate, mainly general, information. However the parts are issued as separate documents. As a result maintenance of part 1 and part 3, and keeping the specifications consistent is complex and time consuming. In the paper based editions of Doc 9303 this was the only way to issue the information in a comprehensive way, being necessary to comfort the audience, the users of the standard. Since 2009 ICAO issues Doc 9303 in electronic format. This new approach allows the user to download the complete standard, free of charge, or parts of it as he chooses. The electronic format opens up the possibility to improve maintainability as well as the readability through a more efficient structure.

2.3 The present 11th release of the Supplement contains more than 145 issues. These issues have been analysed and proposals for integration into new editions of Doc 9303 have been made in a “Supplement clean-up report”.

2.4 It is common practice that when new editions of Doc 9303 are issued, existing endorsed Technical Reports will be integrated into the standard. At this moment 6 Technical reports are candidates for such integration.

3. DOC 9303 REVISION

3.1 The creation of the revised Doc 9303 is being conducted in three phases.

3.1.1 Phase 1 consists of the re-structuring of Doc 9303. Based on the requirements endorsed by the TAG/MRTD through TAG-MRTD/20-WP/08 the new structure will consist of twelve parts:

Part 1	- Introduction
Part 2	- Specifications for the Security of Design, Manufacture and Issuance of MRTDs
Part 3	- Specifications common to all Machine Readable Travel Documents
Part 4	- Specifications specific to TD3 size Machine Readable Passports
Part 5	- Specifications specific to TD1 size MRTD's Machine Readable Official Travel Documents
Part 6	- Specifications specific to TD2 size MRTD's Machine Readable Official Travel Documents
Part 7	- Machine Readable Visas
Part 8	- Specifications specific to Emergency Travel Documents
Part 9	- The Deployment of Biometric Identification and Electronic Storage of Data in MRTDs
Part 10	- Logical Data Structure
Part 11	- Security Protocols
Part 12	- Public Key Infrastructure for Machine Readable Travel Documents

3.1.2 Phase 2 concerns the incorporation of Supplement clarifications, or re-writing of relevant text, in the newly formatted Doc 9303.

3.1.3 Phase 3 concerns the incorporation of the existing endorsed Technical reports into the newly formatted Doc 9303. This means incorporation of the following Technical Reports:

- a) TR “History, Interoperability and Implementation”.
- b) TR “CSCA countersigning and Master List issuance”.
- c) TR “Supplemental Access Control for Machine Readable Travel documents”.
- d) TR “LDS and PKI Maintenance”.

- e) TR “Machine Reading Options for td1 size MRtds”.
- f) TR “Machine Assisted Document Security Verification”.

4. **PROGRESS AND PLANNING**

4.1 Phase 1 has been finalized. All information from the existing three parts has been copied into the new structure.

4.2 For some parts phase 2, incorporation of Supplement issues is finalized, for some parts ongoing. According to the planning this activity will be finalized end 2012.

4.3 The incorporation of Technical Reports (phase 3) is planned to be finalized in Q2-2013.

4.4 After finalization of the three phases it is expected that editorial work and reviews will commence until the end of 2013. This will be followed by translation and publication in Q1-2014.

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