



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

**TWENTY-SECOND MEETING**

**Montréal, 21 to 23 May 2014**

**Agenda Item 2: Activities of the NTWG**

**REVISION OF DOC 9303 – Machine Readable Travel Documents**

(Presented by the New Technologies Working Group)

**1. INTRODUCTION**

1.1 At 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 into the re-structured Doc 9303.
- a) Incorporation of endorsed Technical Reports into the re-structured Doc 9303.

1.3 This Working Paper at hand provides the results of the revision project and suggestions for the way forward.

**2. BACKGROUND**

2.1 Doc 9303 presently consists of :

- a) Part 1 - sixth edition, published in 2006;
- c) Part 2 - third edition, published in 2005;

- d) Part 3 - third edition, published in 2008;
- e) Supplement to Doc 9303 - Release 13, published in 2013.

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 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 standards. 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 release of the Supplement contains more than 200 issues. These issues have been analysed for integration into new editions of Doc 9303.

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. Six Technical reports have been candidates for this integration as part of the project.

### 3. CURRENT STATUS

3.1 The revision project has been conducted and resulted in the final draft of the seventh edition of Doc 9303.

3.2 Based on the requirements endorsed by the TAG/MRTD through TAG-MRTD/20-WP/08 the seventh edition consists of eleven parts (twelve parts specified):

- Part 1 - Introduction;
- Part 2 - Specifications for the Security of the Design, Manufacture and Issuance of Machine Readable Travel Documents;
- Part 3 - Specifications common to all Machine Readable Travel Documents;
- Part 4 - Specifications specific to Machine Readable Passports (MRPs) and other TD3 size Machine Readable Travel Documents (MRTDs);
- Part 5 - Specifications specific to TD1 size MRTODs, Machine Readable Official Travel Documents;
- Part 6 - Specifications specific to TD2 size MRTODs, Machine Readable Official Travel Documents;
- Part 7 - Machine Readable Visas;
- Part 8 - Reserved for future use (Emergency Travel Documents);
- Part 9 - The Deployment of Biometric Identification and Electronic Storage of Data in eMRTDs;
- Part 10 - Logical Data Structure (LDS) for storage of biometrics and other data in the contactless IC;
- Part 11 - Security Mechanisms for Machine Readable Travel Documents;
- Part 12 - Public Key Infrastructure for Machine Readable Travel Documents.

3.3 Clarifications from Supplement releases up to Release 13 have been incorporated.

3.4 Technical Reports, previously endorsed by the TAG, have been incorporated. These are the following Technical Reports:

- a) TR “CSCA countersigning and Master List issuance”.
- b) TR “Supplemental Access Control for Machine Readable Travel documents”.
- c) TR “LDS and PKI Maintenance”.
- d) TR “Machine Reading Options for td1 size MRtds”.
- e) TR “Machine Assisted Document Security Verification”.
- f) TR “Transliteration of Arabic Script”.

3.5 The new structure allows for updating individual parts through new revisions, as such the necessity for issuing Supplement disappears.

3.6 ISO short form endorsement is expected to be on new editions of Doc 9303 as a whole and not on an individual revision of any part.

#### 4. **ACTION BY THE TAG/MRTD**

4.1 The TAG/MRTD is invited to:

- a) recognize the work of the editorial team ISO/IEC JTC1 SC17 WG3/TF2 working on the seventh edition; and
- b) endorse the new format of the seventh edition of Doc 9303 and its contents; and
- c) decide on the future revision process as indicated in 3.5 and 3.6 of this Working Paper; and
- d) request the ICAO TRIP secretariat to undertake the necessary actions to start the ICAO editorial work in cooperation with TF2 and translation into the official ICAO languages; and
- e) endorse the publication of the seventh edition of Doc 9303 once the English version has been released by the ICAO editors, preferably before end 2014 followed by the other languages as soon as they are released.

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