



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

SEVENTEENTH MEETING

Montréal, 20 to 22 March 2007

Agenda Item: 1 Development of Specifications for MRTDs

Agenda Item :1.1 Progress on 3rd Edition, Doc 9303, Part 3

DEVELOPMENT OF A THIRD EDITION OF ICAO DOC 9303 PART 3 OFFICIAL TRAVEL DOCUMENTS

Presented jointly by the New Technologies Working Group (NTWG) and
the Document Content & Format Working Group (DCFWD)

1. INTRODUCTION

1.1 Following the publication last year of the Sixth Edition of Doc 9303 Part 1, the two groups have developed a third edition of Part 3. As before this document covers the two sizes of Official Travel Document and the proposed new edition, like Part 1, has been drafted in two Volumes. Volume 1 covers basic documents utilising only optical character recognition for machine reading. Volume 2 gives the additional specifications for electronically enabled versions of the document utilising a contactless integrated circuit for additional data storage, and providing for biometric identification using facial recognition optionally supported by fingerprint and iris recognition.

2. DEVIATIONS FROM THE SPECIFICATIONS IN THE SECOND EDITION

2.1 Since the publication of the Second Edition, ICAO has made the decision that the contactless IC will be the only globally interoperable data storage medium, and that facial recognition optionally supported by fingerprint and iris recognition will be the only globally interoperable means of biometric identification. The Second Edition recognised a much wider range of data storage and biometric technologies, though no specifications were given for the precise way in which these technologies were to be used. The Third Edition will not preclude a State from using one of these now non-standard technologies for its own or agreed bilateral purposes, but such States will have to accept that they will not be globally interoperable.

2.2 The nominal dimensions of the td1 and the td2 have been amended so that they are now identical to those specified in ISO/IEC 7810 for the ID-1 and the ID-2. The amendment means a change of 0.02 millimetres. However, the tolerances specified as minimum and maximum dimensions, which are greater than those specified in ISO/IEC 7810, have not been changed. This is to allow a State to issue cards using manually operated punch tools which typically are not capable of achieving ISO/IEC 7810 tolerances.

3. **TERMINOLOGY**

3.1 'MRTD' has long been used as a generic term for Machine Readable Travel Documents. It has also been used to describe only Machine Readable Official Travel Documents, which has resulted in some confusion. It is therefore proposed that 'MRtd' be used to describe Official Travel Documents, with the two sizes being known as 'td1' and 'td2'. This means the acronyms for the family of documents are:

MRTD	General term for all Machine Readable Travel Documents
eMRTD	General term for electronically enabled MRTDs
MRP	Machine Readable Passport using only OCR
eMRP	Electronically enabled MRP
MRV	Machine Readable Visa
MRVA	Size A MRV
MRVB	Size B MRV
MRtd	Machine Readable Official Travel Document using only OCR
eMRtd	Electronically enabled MRtd
td1	Small size Official Travel Document using only OCR
etd1	Electronically enabled td1
td2	Large size Official Travel Document using only OCR
etd2	Electronically enabled td2

3.2 Note that electronically enabled visas (those incorporating a contactless IC) are not permitted and are therefore not included in the above list.

4. **THE NEW PART 3**

4.1 The new Third Edition of 9303 Part 3 is essentially complete apart from some minor work to incorporate matters from the 9303 Supplement. The text of the new edition has also to be checked by ISO WG3 personnel to verify its suitability suitable for submission by ISO to international ballot for endorsement as an ISO Standard. Once this is done, the new document will be given to ICAO to be prepared for publication.

5. **ACTION BY THE TAG**

5.1 The TAG is asked to:

- a) note the work undertaken by the two Working Groups and approve the publication of the third edition of Doc 9303 Part 3;

- b) agree to the amendment of the dimensional specification of the td1 and td2 to bring them into line with those of the ID-1 and ID-2 specified in ISO/IEC 7810; and
- c) approve the use of the acronyms listed above.

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