International Civil Aviation Organization

WORKING PAPER

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

Distribution of ISO/IEC JTC1/SC 17 MRTD TEST STANDARDS FREE OF CHARGE

(Presented by the New Technologies Working Group)

1.   INTRODUCTION

1.1   TAG 20 confirmed the plans for restructuring Doc 9303, also resulting in a supplement clean-up activity as well as the incorporation of 5 endorsed ICAO technical reports in the new edition of Doc 9303 as described in WP/8.

This meant the incorporation of the following Technical Reports:
a) "CSCA countersigning and Master List issuance" V1.0;
b) "Supplemental Access Control for Machine Readable Travel documents" V1.01;
c) "LDS and PKI Maintenance" V1.0;
d) "Machine Reading Options for td1 size MRTDs" V1.0; and
e) "Machine Assisted Document Security Verification" V1.0

1.2   There are however other technical reports (TRs) especially for testing the physical and electrical features of MRTDs distributed by ICAO that were not incorporated into the restructured Doc 9303. Those test standards are:

a) TR "Durability of Machine Readable Passports" V 3.2;
b) TR "RF and Protocol Testing Part 2" V 1.02;
c) TR "RF and Protocol Testing Part 3" V 2.06;
d) TR "RF and Protocol Testing Part 4" V 1.01;

1.3   Those test standards are published and maintained by ISO/IEC JTC1/SC 17 WG3

and WG8. In order to consider those test standards optimally within the involved industries SC 17 created a new series of a multipart standard, i.e. ISO/IEC 18745, which contain the TRs, as listed in 1.2.

1.4   ISO/IEC 18745 will consist of the following parts, under the general title Information technology — Test methods for machine readable travel documents (MRTD) and associated devices.

— *Part 1: Physical test methods for passport books (durability)*

— *Part 2: Test methods for the contactless interface*

— *Part 3: Test methods for the LDS and security protocols*

— Part 4: Test methods for inspection systems

2.   CURRENT SITUATION

2.1   While the ICAO 9303 standard series and the related technical reports supplied by ICAO can be downloaded for free from the ICAO website, the associated test standards, which contain the above listed ICAO TRs and are copied to ISO/IEC 18745 Parts 1 to 4, cannot be obtained for free from the ISO/IEC website.

2.2   Doc 9303, the related TRs and the related ISO/IEC standard 18745 can all be treated in an equal way, namely downloadable for free.

3.   SOLUTION

3.1   The document JTC1 N 7604 states the conditions under which ISO/IEC may assign the status "freely available on the world wide web" to standards. NTWG is of the opinion that the standards ISO/IEC 18745 Parts 1 to 4 fulfil those conditions and that those should therefore made freely available by ISO/IEC.

4.   ACTION BY THE TAG

4.1   The NTWG invites the TAG/MRTD:

a) to consider the situation described under 2 and the solution suggested under 3 and revise them, if required;
b) suggest any additional information, as appropriate; and
c) contact ISO/IEC JTC 1 using the information provided in the supplied appendix and request ISO to make ISO/IEC 18745 available free of charge.

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APPENDIX A

**Letter to ISO/IEC JTC 1 secretariat:
Distribution of ISO/IEC JTC1/SC 17 MRTD Test Standards by ICAO**

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1.   **INTRODUCTION**

1.1   There are technical reports (TRs) especially for testing the physical and electrical features of MRTDs distributed by ICAO that are not incorporated into the restructured Doc 9303. Those test standards are:

     a) TR "Durability of Machine Readable Passports" V. 3.2
     b) TR "RF and Protocol Testing Part 2" V 1.02;
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1.2   Those test standards are published and maintained by ISO/IEC JTC1/SC 17 WG3 and WG8. In order to consider those test standards optimally within the involved industries SC 17 created a new series of a multipart standard, i.e. ISO/IEC 18745, which contain the TRs, as listed in 1.2.

1.3   ISO/IEC 18745 will consist of the following parts, under the general title *Information technology — Test methods for machine readable travel documents (MRTD) and associated devices*

     — *Part 1: Physical test methods for passport books (durability)*

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2.   **CURRENT SITUATION**

2.1   While the ICAO 9303 standard series and the related technical reports supplied by ICAO can be downloaded for free from the ICAO website, the associated test standards, which contain the above listed ICAO TRs and are copied to ISO/IEC 18745 Parts 1 to 4, cannot be obtained for free from the ISO/IEC website.

2.2   It is desirable for Governments and MRTD related industries that the ICAO 9303, the related TRs and the related ISO/IEC standard 18745 can all be treated in an equal way, namely downloadable for free.

3.   SOLUTION

3.1   The document JTC1 N 7604 (copy attached) states the conditions under which ISO/IEC may assign the status "freely available on the world wide web" to standards. ICAO TAG MRTD is of the opinion that the standards ISO/IEC 18745 Parts 1 to 4 fulfil those conditions and that those should therefore made freely available by ISO/IEC.

As a conclusion of the above, ICAO TAG MRTD requests ISO/IEC JTC1 to assign the status "freely available" to the standard series ISO/IEC 18745.

ISO/IEC JTC 1
Information Technology

Document Type: Information from ISO Central Secretariat

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Council,

noting that the IEC Council Board has approved a set of criteria to be applied for making ISO/IEC JTC1 standards available free of charge on the Web at the request of the Committee, as a means to avoid having to take a decision on a case by case basis when such requests are made,

further noting that the IEC Council Board is inviting the ISO Council to concur with that decision with a view to harmonizing the release procedures applied by ISO and IEC,

approves the criteria given in Annex 2 to document Council vote 06/2004 for making ISO/IEC JTC1 standards available on the World Wide Web,

confirms the following elements indicated in Council Resolution 50/1998:

- JTC 1 may request that any other standards developed by the joint committee be made available similarly by the ITTF through ISO Online. Such documents will be protected to restrict unauthorized access and a charging mechanism will be developed, together with a system for sharing revenue between the ISO member bodies/JTC 1 national bodies.

- Free access to such documents will be permitted, however, for further standardization purposes, i.e. any JTC 1 or ISO committee or subgroup may apply to the ITTF (ISO Central Secretariat) for free access to any standard which they consider necessary for a current standards project. Normally, the ITTF will authorize the downloading of such documents to allow a committee secretariat or WG convenor/project editor to further distribute the documents to officially designated participants in the work of the group concerned.

This resolution supersedes Council Resolution 50/1998.

ANNEX TO DOCUMENT CB/278/DL
Summary of the Proposal concerning

	Items of the proposed criteria	Justification	Ease of consensus
From ISO resolution 50/1999	(1) **Publications that are merely references (pointers) to other documents, e.g. developed outside JTC 1**	**Available free from other sites**	**+++**
	(2) **FREE ELSEWHERE: Publications for which authorized identical documents are freely available in electronic format elsewhere**	**Available free from other sites**	**+++**
	(3) **CORRIGENDA: Technical Corrigenda**	**Free in IEC**	**+++**
	(5) **REFERENCE MODELS A: Standards which explain the relationships between existing standards**	**Catalogues of standards for sales promotion**	**++**
	Technical Reports	**Deleted to align with other IEC documents**	
Additional criteria	(4) **BITSTREAMS: Testing bitstreams and reference software.**	**Originally part of standards**	**++**
	(6) **REFERENCE MODELS B: Architectural descriptions which describe frameworks to guide standards development, including profiles and taxonomies**	**Not implementable specifications and enhance awareness and influence of JTC 1**	**+**
	(7) **INTRODUCTIONS: Purely introductory parts of multi-part standards**	**Catalogues of standards for sales promotion**	**++**
	(8) **SUBSETS: Those Type 3 technical reports which describe basic visions and concepts in the technical domains covered by a set of standards**	**Enhance awareness and influence of JTC 1**	**+**

Criteria for free availability of JTC 1 Publications on the WWW

The rules for the selection of the criteria:
(1) Insignificant impact on revenue by free access
(2) Promotion of the sales of other JTC 1 documents
(3) Enhancement of awareness and dominance of JTC 1 work

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