



**TAG-MRTD/15
REPORT**

INTERNATIONAL CIVIL AVIATION ORGANIZATION

TECHNICAL ADVISORY GROUP ON MACHINE READABLE TRAVEL DOCUMENTS

FIFTEENTH MEETING

Montreal, 17 - 20 May 2004

<h1>REPORT</h1>

INTERNATIONAL CIVIL AVIATION ORGANIZATION

TECHNICAL ADVISORY GROUP

ON MACHINE READABLE TRAVEL DOCUMENTS

FIFTEENTH MEETING

(Montreal, 17 to 20 May 2004)

INTRODUCTION

0.1 **General.** The Fifteenth Meeting of the Technical Advisory Group on Machine Readable Travel Documents (TAG/MRTD) was held at ICAO Headquarters, Montreal, Canada, from 17 to 20 May 2004. Mr. M.A. Awan, Vice Chairman of the Air Transport Committee, opened the plenary meeting and welcomed the participants. Recognizing the value of the expertise of the TAG/MRTD to ICAO, Mr. Awan expressed great satisfaction with its work. Mr. M. Elamiri, Director, Air Transport Bureau, also welcomed the participants.

0.2 **Attendance.** In attendance were 12 members and 4 alternate members of the TAG with their advisers, as well as observers from 9 Contracting States and 10 international organizations. The attendance list is set out in **Appendix A**.

0.3 **Officers and Secretariat.** Ms. Annette Offenberger (New Zealand) was elected Chairman of the Meeting. Ms. Mary K. McMunn, Chief, Facilitation Section, was the Secretary of the Meeting. She was assisted by Mr. Jitu Thaker, Technical Officer, Facilitation and Mr. Mauricio Siciliano, Consultant.

0.4 **Agenda (WP/1).** The Agenda for the Meeting was as shown in **Appendix B**.

0.5 **Documentation.** Thirty (30) working papers and three (3) information papers were submitted for consideration by the meeting, as listed in **Appendix C**.

0.6 **Working arrangements and procedures.** The meeting was conducted in English, French, Russian and Spanish. This report was written after the meeting and presents a summary of the proceedings and conclusions.

1. AGENDA ITEM 1

Review of new and recent developments related to specifications for MRTDs

1.1 Tutorials were presented by selected experts to participants on current issues, new specifications and technical reports (guidance material). The first part of the workshop focussed on Public Key Infrastructure (PKI), a modern encryption technology system that verifies and authenticates the validity of each party involved in an Internet transaction. The use of PKI to augment document data security is an important element in the deployment of biometric technologies in MRTDs.

1.2 Mr. Paul Butler of the Canadian Passport Office made a presentation on “The ABCs of PKI.”

1.3 Mr. Tom Kinneging, Observer from the International Standards Organization (ISO), presented an overview of the New Technology Working Group’s (NTWG) updated Technical Report on PKI, scheduled to be placed for adoption by the Plenary later in the week.

1.4 Mr. John Davies of the U.K. Passport Services made a presentation on the policy implications of “Securing data in e-Passports” using PKI.

1.5 The second part of the workshop was devoted to immigration and other matters.

1.6 Mr. Charlie Stevens of the U.K. Immigration Services made a presentation on “What do immigration officers look for in a travel document?”

1.7 Mr. J. Duhaime of the Canadian Border Services Agency made a presentation on “Trends in Fraud in Travel Documents: A Canadian Perspective.”

1.8 Mr. John Mercer, Chairman of the Document Content and Format Working Group (DCFWG), made a presentation on “Emergency/Short term passports.”

2. AGENDA ITEM 2

2.1 *A logo to designate an e-Passport*

2.1.1 Under WP/28 the DCFWG/NTWG task force presented five different designs to be considered by the TAG in selecting a prospective logo to be used to designate a passport with an IC inside. The TAG/MRTD voted to select the design shown below:



2.1.2 Under WP/12 suggested guidance for use of an e-Passport logo was considered. It was agreed that the chosen logo should be copyrighted by ICAO and that the logo should indicate not any chip but an ICAO-compliant chip, i.e. a proximity chip conforming to ISO/IEC 14443 and programmed according to the logical data structure (LDS). However, it is not the intent to set up any sort of testing regime; issuing States are responsible for ensuring that the product works in their own documents. Further, the preferred location of the logo would be centered, at the top or bottom of the front cover of the passport. In the matter of special handling instructions to the passport holder, the TAG/MRTD concluded that these would not be specified.

2.2 *Indicator of an e-Passport in the MRE*

2.2.1 Under WP/17, it was reported that the initial suggestion to use a specified 2-letter document code in character positions 1 and 2 had been discarded due to the fact that the code “PE” was already in use and because introduction of “EP” would require re-programming of thousands of readers which would not be feasible.

2.2.2 Instead, a new algorithm was proposed, using “modulus 37” to produce a 3- or 4-digit factor to be placed at the end of the upper machine readable line. This change was proposed for application to the new systems that will be developed to read the chip, not for the existing system that reads only the machine readable zone (MRZ).

2.2.3 Concern was raised by ISO about the prospect of losing character positions in the name field, especially in the format-B visa and in the TD1/TD2. Although the full name would be programmed in the chip, further truncation in the MRZ would be required.

2.2.4 A simple alternative scheme was proposed in WP/29, involving only one new numeric character at the end of the same field. The TAG agreed that further work on this concept should be done in both the NTWG and the DCFWG. However, by the end of the meeting, many had doubts that an indicator to a chip reader was necessary. The International Air Transport Association (IATA) expressed concern that the introduction of any numeric characters in the name field might corrupt the data transmitted in API messages.

2.3 *Photos of babies*

2.3.1 In WP/3, the DCFWG presented a number of issues peculiar to capturing photographs of babies suitable for use in facial recognition systems. Guidelines were proposed for inclusion in future specifications. It was noted that these proposals had already been taken forward to ISO SC37 for inclusion in the technical report.

2.4 *Thickness of the passport data page*

2.4.1 In WP/11, it was reported that the passports of 38 of 142 countries surveyed had a data page thickness below the standard minimum of 0.25 mm. A change to the specification in Doc 9303, Part 1 was recommended; however, the amendment of the paragraph should retain a guideline for issuing States. In

determining thickness, important factors to consider are the opacity of the page as well as its strength to withstand being passed through a “swipe” reader.

2.5 *Amendment of Doc 9303*

2.5.1 In WP/13, the TAG/MRTD noted the need to revise Doc 9303 to include detailed specifications for incorporation of the material in the Biometrics Deployment Technical Report. This will be a joint project of the DCFWG and the NTWG with active participation by the Secretariat. In the meantime, an interim notice of amendment is to be issued.

2.6 *Audit methodology for quality assurance*

2.6.1 In WP/15, the DCFWG presented the results of further work on this topic, including an outline of a methodology for auditing a passport issuance system. The paper also proposed terms of reference for an audit team to be established.

2.6.2 After lengthy discussion, the TAG/MRTD concluded that they did not wish to recommend a team or a formal audit programme. However, the methodology could be useful to States or to other organizations and should be developed further and shared.

2.7 *Further work programme of DCFWG (WP/23)*

2.7.1 The TAG approved the future work programme, which includes:

- a) complete revision of Doc 9303;
- b) continued work on durability issues, including what to do when a chip is broken or defective;
- c) investigation of applications of biometrics in visa systems and development of a visa card specification; and
- d) continued liaison activities with the International Labour Office (ILO) and the European Union (EU) on MRTD specifications.

3. **AGENDA ITEM 3**

3.1 *Iris patent issues*

3.1.1 WP/24 described the NTWG’s successful attempts to negotiate, with Iridian Technologies, a royalty-free license arrangement on behalf of States for the use of the Iris recognition concept for the development of machine readable technologies.

3.1.2 As a result, the TAG/MRTD endorsed the continued inclusion of Iris biometric technology in specifications for MRTDs, noting that Iridian had met the requirements of ICAO’s policy on standards

involving patented technology. The TAG/MRTD agreed that the relevant portion of the updated biometrics Technical Report (see paragraph 3.4 below) and future specifications will contain a footnote concerning the status of the iris concept patent.

3.2 *Update on development of specifications for the use of PKI digital signatures for MRTDs*

3.2.1 There were two papers under this topic: WP/15, on the new Technical Report on PKI and WP/10, containing a set of possible “frequently asked questions” about the PKI Technical Report, issued as a supplement to the Report.

3.2.2 WP/15 was presented jointly by the NTWG and the PKI Task Force. The latter had been established after the previous TAG meeting to specify the PKI scheme in detail sufficient to enable implementation of the proposed Public Key Directory (PKD) that is central to the PKI project.

3.2.3 The new PKI Technical Report provides, at a detailed technical level, specifications that can be used by MRTD-issuing States to implement PKI in securing electronic data in their travel documents. It also specifies the requirements for States and organizations wanting to read this data and specifies a PKD that ICAO can implement. The Report also provides specifications for additional optional security features that can be adopted to counter threats of eavesdropping, “skimming” of data from contactless chips and the prevention of chip substitution.

3.2.4 The TAG/MRTD endorsed the Technical Report “PKI for Machine Readable Travel Documents Offering Integrated Circuit Chip (ICC) Read-only Access” (Version 1.0) and requested the Secretariat to post it on the ICAO MRTD Web site.

3.3 *The Logical Data Structure (LDS)*

3.3.1 WP/15 introduced the second edition of the Technical Report on the development of a LDS for optional capacity expansion technologies on MRTDs. The updated Report provides a programming framework for encoding data elements into the various optional data storage technologies approved for use with MRTDs in Doc 9303.

3.3.2 The TAG/MRTD endorsed the Technical Report on LDS – Version 1.6 and requested the Secretariat to post it on the ICAO MRTD Web Site as soon as possible. The Plenary also requested the NTWG to begin work on version 2.0.

3.4 *Update on development of specifications for the use of Contactless integrated circuits (ICs) in MRTDs*

3.4.1 WP/5 concerned the updated Technical Report on biometrics deployment in MRTDs. Version 2.0 incorporates additional information obtained by the NTWG since the previous TAG/MRTD meeting in 2003, as States have undertaken biometrics research and development programmes to put the recommendations of the initial Technical Report into practice.

3.4.2 The Technical Report explains the technical and practical considerations in deploying biometrics in MRTDs, and the new version describes additional specifications and guidelines for application of the contactless IC to border security applications, to supplement the Contactless IC standard, ISO/IEC 14443.

3.4.3 The TAG/MRTD noted the additional work undertaken by the NTWG on the specification of biometrics for global inter-operability using MRTDs. It approved of the additional work done to date by the NTWG on the development of further specifications concerning the utilization of biometrics for global interoperability using MRTDs and agreed to the following actions:

- a) the insertion of appropriate “concept patent” wording in Version 2.0 of the biometrics Technical Report (see paragraph 3.1.2 above);
- b) the immediate posting, by the Secretariat, of Version 2.0 of the Report on the ICAO MRTD Web Site, and subsequent publication of any update(s) provided by the NTWG before the next TAG/MRTD meeting; and
- c) further development, by the NTWG, of draft specifications governing biometric data recorded in contactless ICs for use with MRTDs, for incorporation into ICAO Doc 9303.

3.5 *Machine-assisted document security verification*

3.5.1 WP/26 described the progress made by the NTWG, since the previous TAG/MRTD meeting, in exploring and evaluating additional aspects of the concept of minimum security standards, including machine assisted document security verification, i.e. the use of automation inspection technology to detect security features that help confirm that a travel document is a genuine document made from genuine materials.

3.5.2 The TAG/MRTD noted the work done to date on machine-verifiable document security and endorsed the continuing work plan on this topic.

3.6 *Electronic visas (e-Visas)*

3.6.1 WP/9 was a report on progress made by the NTWG on the possible development of specifications for electronic visas since TAG-MRTD/14. The paper described the four types of electronic visas that had been defined by the NTWG, and outlined a possible work programme that an NTWG sub-committee could undertake to incorporate into a Technical Report electronic storage of data on visas using contactless IC media.

3.6.2 The TAG/MRTD approved the continuation of the on-going development of guidelines and standards being carried out by the NTWG for electronic visas and their potential applications to the ICAO community.

3.6.3 The Plenary also approved of the development of a full Technical Report on these matters for subsequent consideration and adoption by the TAG/MRTD and decided that this Report should be guided

by the suggested table of contents attached to the paper, and that the Report should include, but not be limited by, the table.

3.7 *Lost, stolen and invalid travel documents*

3.7.1 WP/25 presented an update on the development of a Technical Report on information sharing between Contracting States in relation to lost, stolen and invalid travel documents since TAG/14. (A related paper, WP/2 on enhancing communication of lost or stolen passport information through the International Criminal Police Organization (INTERPOL) was presented by the DCFWG.)

3.7.2 The Technical Report, attached to WP/25, develops the rationale and options for global interchange of lost, stolen and invalid passports data, describes INTERPOL's infrastructure *vis-à-vis* this interchange and outline the operational policies, technical issues and national requirements for States wishing to participate in the project.

3.7.3 The TAG/MRTD noted the content of the draft Technical Report and approved the continuation of the ongoing research and development work to further develop the Report to include the full operational/technical requirements for participation by States in the INTERPOL global interchange system on lost, stolen and invalid travel documents.

3.8 *Future work*

3.8.1 WP/20 related to a proposal by the NTWG on the development of an ID-1 size biometric-enabled passport card that would be associated with but separate from a passport book. This hybrid card/book option would allow the use of the passport on its own for travel to those countries where a biometric identifier is not required, the card on its own as a stand-alone travel card or the card and book together, where a biometric identifier is required in addition to a standard passport book.

3.8.2 The TAG/MRTD approved the ongoing development work within the NTWG in relation to the hybrid card concept and the development of a full Technical Report on it for subsequent consideration and adoption by the TAG/MRTD.

3.8.3 WP/27 put forward a proposal for joint Organization for Economic Cooperation and Development (OECD) — ICAO work on "Enhancing International Travel Security" (EITS). The core objective of the cooperation project between the two organizations is to develop a policy and technical framework for an information technology infrastructure capable of real-time data transmission, including biometric identifiers in travel documents, with the aim of improving border-crossing security while facilitating travel and protecting personal privacy.

3.8.4 The TAG/MRTD approved, in principle, of the proposed collaboration between OECD and ICAO, subject to the formalization of the inter-organizational relationship by: a) an exchange of letters on the matter between the secretariats of the OECD and ICAO; b) the establishment of the Terms of Reference of the collaboration; and c) the drawing up of an outline of the work programme.

3.8.5 IP/1 provided information on the 2004-05 NTWG Request for Information (RFI) on biometrics, data storage media, e-commerce, radio frequency technologies, self-service facilitation, travel

document printers and readers and travel document security concepts. The proposed timeline contemplates publication of the RFI in July 2004, consolidation of responses in October 2004, selection of vendors for oral presentations in January 2005, and oral presentations in May 2005.

3.8.6 On the basis of WP/15, the TAG approved the future direction and activities of the NTWG as follows:

- a) continue its ongoing work on reviews of technologies and their applications, the role of MRTDs in facilitating international travel and its close working relationship with other organizations such as IATA;
- b) continue the ongoing work of developing technical reports in all areas authorized by the TAG/MRTD and subsequently developing these into specifications for eventual incorporation into Doc 9303;
- c) develop a comprehensive approach to the policy and process issues that arise from the use of advanced technologies in MRTDs; and
- d) explore the use of Steganography in MRTDs.

3.9 *Issue of patents and patent applications*

3.9.1 Mr. Joel Shaw, Convener of ISO/SC17/WG3 made a presentation on patent applications that have been identified containing claims that: a) appear to embrace the work ongoing within ICAO relating to the introduction of a new MRTD with enhanced identity confirmation (i.e. biometric) details or b) strongly describe implementations deriving from ICAO initiatives that have been deployed for a number of years. It may become necessary to contest some of these patent applications.

4. **AGENDA ITEM 4**

Education and promotion of MRTDs

4.1 WP/8 outlined the work accomplished by the EPWG since TAG/14, including meetings held and activities undertaken. The paper also considered the existing terms of reference for the group and sought a mandate to explicitly incorporate issues of e-passports into its work programme.

4.2 Key activities undertaken during 2003/04 included setting up of a "Frequently Asked Questions" (FAQ) page for ICAO's MRTD Web Page, preparing a glossary of terms commonly used within the technical and operational spheres of passports and security documents issuance, developing a directory of contact details of all passport issuing authorities, establishing an ongoing working relationship with Keesings Journal of Documents in order to promote MRTD and the organization and delivery of a MRTD-related workshop organized in cooperation with the OECD in Vienna.

4.3 The paper also presented draft guidelines for membership of the group, aimed at increasing its efficiency, and proposed a work programme for the EPWG for the years 2004-2006.

4.4 The TAG/MRTD took note of the programme of activities undertaken by the EPWG since TAG/14 and endorsed the membership guidelines set out in paragraph 6 of the paper, the work programme outlined in the Annex to the paper and the broader interpretation of the existing EPWG mandate to include issues of biometrics, photo digitisation and other technical developments.

4.5 The TAG/MRTD also recommended that the FAL Section should seek to ensure that the ICAO MRTD website is more easily located and that the Section also seek additional resources for the maintenance of the site.

4.6 Finally, the TAG/MRTD recognized the work of Mr. John Hotchner (USA) for his efforts to revitalize the EPWG.

4.7 *MRTD information tools*

4.7.1 WP/6 related to the EPWG's efforts to develop an inventory of user-friendly information tools to promote ICAO-compliant MRTDs. The group, in identifying the "Keesing Journal of Documents" as one suitable vehicle to achieve its objectives, negotiated with the Journal to publish a series of articles promoting MRTDs. The paper pointed out that editorial and republishing rights over the articles would remain with ICAO.

4.7.2 The TAG/MRTD, in noting that ICAO's public information office will be the final point of approval of both quality and content before any material is published, agreed to the production of articles and information on future ICAO MRTD-related events for dissemination through The Keesings Journal of Documents, and agreed that Keesings could provide a link from their web site to the ICAO MRTD web site.

4.8 *ICAO-OSCE Forum on MRTDs*

4.8.1 WP/7 presented a detailed report on an international expert Workshop on Travel Document Security organized by the EPWG in cooperation with the Organization for Security and Co-operation in Europe (OSCE), in Vienna in March 2004.

4.8.2 The TAG/MRTD acknowledged the success of the OSCE/ICAO workshop and, in recommending to ICAO Contracting States that seminars such as this are an effective vehicle for promoting the adoption of MRTDs, photo-digitized passports and for promoting an understanding of biometrics, encouraged States with the capability to provide funding and logistics assistance for future events of a similar nature and to support future requests to hold such seminars.

5. **AGENDA ITEM 5**

Country reports by members and observers

5.1 Mr. D. Appave, the Observer from the ILO, made a presentation on the 2003 Seafarers' Identity Document Convention, the adoption of a machine readable Seafarers' Identity Document, and a technical report specifying the incorporation of a finger print template in a bar code. The TAG/MRTD noted

the ILO's WP/21 and technical report, and its request for continued support from the DCFWG and the Secretariat as States proceed with implementation of the new standardized SID.

5.2 Mrs. S. Kolligs, the Observer from the European Commission, made a presentation on recent developments in document security in the European Union, including enhancing the security of the Schengen Visa and the inclusion of minimum security standards in MRTDs.

5.3 Mr J. Neary, the Observer from Ireland, made a presentation on the new Irish passport project.

6. AGENDA ITEM 6

Other business

6.1 WP/22 dealt with the cost consequences of an expanded role by the FAL Section in operational affairs relating to the MRTD Programme. The paper highlighted the disparity between the resources currently available to the FAL Section and new tasks that have come up, as a result of the decisions of the TAG/MRTD and the Twelfth Session of the Facilitation Division (FAL/12, Cairo, Egypt, 22 March to 1 April 2004). The paper pointed out that these new tasks require work far beyond the present funding or organizational structure of the FAL Section, and that creative solutions are needed in order to accomplish these tasks, including the support of the biometric passport PKI management.

6.2 The TAG/MRTD, in taking note of the volume and importance of the work requested of the FAL Section, concurred with the impossibility of accomplishing all these tasks given the present staffing and funding constraints and agreed that ways of assisting the Secretariat, such as providing personnel on a short-term loan basis or establishing a mechanism fund should be considered.

7. WORKING GROUPS' PARTICIPANTS

a) *Document Content and Format Working Group*

Mr. John Mercer (Chairman)
Ms. Raimonda Admine
Mr. Bob Aley
Mr. Shawqi Ali
Mr. Ahmed Alkhalifa
Mr. Rafael Alvarez
Dr. Ashok K. Amrohi
Ms. Lidija Andrijevik
Mr. Dani Appave
Mr. Alain Barbay
Mr. Olivier Barbay
Mr. Ong Choon Beng
Mr. Phua Hooi Boon

Mr. Robin Chalmers
Mr. Charles Chatwin
Ms. Shirley Chow

Mr. Luc Corbeels
Mr. Malcolm Cuthbertson
Mr. Michael Ellis
Mr. Pierre Garcia
Mr. Steven Grant
Mr. Christian Guichard
Ms. Claudia Hager
Mr. Thomas Hanley
Mr. Andrew Hill
Mr. Ofer Ishai
Mr. Kil-yun Kim
Ms. Silvia Kolligs
Mr. Kae-jaz Lee

Mr. Sello E. Mokhehi
Mr. Robert Moyes
Ms. Renuka Muttoo

Ms. Apinya Na Nakorn
Mr. John Neary
Mr. Heinrich Pawlicek
Mr. Reinhard Posch
Mr. Eks Raul
Mr. J. F. Rodríguez-Franco
Mr. Ronald Seguss
Dr. B.N. Shetty
Mr. Frank Simaer
Mr. Charles Stevens
Ms. Muriel Sylvan
Mr. Staffan Tilling
Mr. Matti Tupamaki
Mr. Milos Vacek
Mr. Karen Zadoyan

b) *New Technologies Working Group*

Mr. Gary K. McDonald (Chairman)	Mr. Terry Hartman	Mr. Adrian Ong
Ms. Raimonda Admine	Ms. Frances Head	Mr. Jun Ono
Mr. Rafael Alvarez	Mr. Michael Hegenbarth	Mr. John Osborne
Dr. Ashok K. Amrohi	Mr. Roderick Heitmeyer	Mr. Heinrich Pawlicek
Mr. Chuck Baggeroer	Mr. R. Michael Holly	Mr. David Philp
Mr. Robert Balderston	Mr. Ofer Ishai	Mr. Reinhard Posch
Mr. Alain Barbay	Mr. Barry Kefauver	Mr. Tommi Rakshit
Ms. Ann Barrett	Mr. Tom Kinneging	Mr. J.F. Rodríguez-Franco
Mr. Ronald Belser	Ms. Silvia Kolligs	Mr. Vanek Roman
Mr. Phua Hooi Boon	Mr. Dennis Kügler	Mr. Junichi Sakaki
Mr. Sjef Broekhaar	Mr. Raymond Lee	Mr. Uwe Seidel
Mr. Charles Chatwin	Mr. Richard Martin	Mr. Joel Shaw
Mr. Luc Corbeels	Mr. Richard McClevey	Dr. B.N. Shetty
Mr. Robert Davidson	Mr. John Mercer	Ms. Ivanka Spadina
Mr. John Davies	Mr. Kwang Moon	Mr. Charles Stevens
Mr. Raul Eks	Mr. Frank Moss	Mr. Ed Stimpson
Mr. Joseph Feld	Mr. Axel Munde	Mr. Milos Vacek
Mr. Suk-ho Ha	Ms. Renuka Muttou	Mr. Brad Wing
Ms. Claudia Hager	Ms. Apinya Na Nakorn	Mr. Manabu Yamakoshi
Mr. Fumio Hara	Mr. Bob Nash	

c) *Education and Promotion Working Group*

Ms. Susan Jessop (Chairman)	Mr. Michael Ellis	Mr. Dimitar Jalnev
Mr. Bob Aley	Mr. Steven Grant	Mr. Sello Mokheithi
Mr. Shawqi Ali	Mr. Thomas Hanley	Ms. Annette Offenberger
Mr. Ahmed Alkhalifa	Mr. Charles Harns	Mauricio Siciliano
Ms. Lidija Andrijevik	Mr. Andrew Hill	Mr. Staffan Tilling
Mr. Robin Chalmers	Mr. John Hotchner	Mr. Joachim Werger
Mr. Malcolm Cuthbertson		

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**TECHNICAL ADVISORY GROUP ON
MACHINE READABLE TRAVEL DOCUMENTS**

Fifteenth Meeting

(Montreal, 17 to 20 May 2004)

AGENDA

1. Review of new and recent developments related to specifications for MRTDs

1.1 Tutorials will be presented by selected experts to update members and observers on current issues, new specifications and technical reports (guidance material). Topics to be addressed include fraud trends in travel documents, what immigration officers look for in travel documents, the ABC's of PKI and emergency passports.

1.2 Report of the Twelfth Session of the Facilitation Division (FAL/12).

2. Report of the Document Content and Format Working Group (DCFWG)

2.1 Progress in updating Doc 9303 and proposed amendments.

2.2 Document format and durability issues.

2.3 Quality control and accountability.

2.4 Future work programme of the DCFWG.

3. Report of the New Technologies Working Group (NTWG)

3.1 Update on development of specifications for:

- a) the use of Contactless Integrated Circuits (ICs) in MRTDs;
- b) the Logical Data Structure (LDS); and
- c) the use of PKI digital signatures for MRTDs.

3.2 Future work programme of the NTWG.

4. **Education and promotion of MRTDs**

- 4.1 Annual report of the Education and Promotion Working Group (EPWG).
- 4.2 Promoting the adoption of ICAO-compliant MRTDs through professional media.
- 4.3 Educational activities.
- 4.4 EPWG support for the universal implementation of MRTDs strategy.

5. **Country reports by members and observers**

6. **Other business**

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**LIST OF WORKING PAPERS
SUBMITTED TO THE MEETING**

Working Paper Number	Agenda Item	Subject	Presented by
1	–	Agenda	Secretary
2	2, 2.3	Enhancing communication of lost/stolen passport information	DCFWG
3	2, 2.2	Photos of babies on machine readable passports	DCFWG
4	3, 3.1	New technical report - PKI for MRTDs	NTWG & PKI Task Force
5	3, 3.1	Updated technical report on biometrics deployment in machine readable travel documents	NTWG
6	4	Promoting the adoption of ICAO compliant MRTD through media such as the Keesing Journal of Documents	EPWG
7	4, 4.3	Educational activities	EPWG
8, Annex	4, 4.2	Annual report by the Education and Promotion Working Group	EPWG
9, Appendix	3	Proposal for continuing work by the NTWG on electronic visas (e-Visas)	NTWG
10	3, 3.1	Frequently asked questions about technical report on PKI for MRTDs – March 2004	NTWG
11, Attachment	2, 2.2	Comments on the MRP data page thickness conforming to ICAO Doc 9303 MRTD	DCFWG
12	2, 2.2	Suggested guidance for use of e-Passport logo	DCFWG
13	2, 2.1	Proposed amendments to ICAO Doc 9303 Part 1 to accommodate the biometrics deployment technical report	NTWG

Working Paper Number	Agenda Item	Subject	Presented by
14	3, 3.1b)	Second edition of technical report on development of a logical data structure (LDS) for optional capacity expansion technologies on MRTDs	NTWG
15, Atts.1 & 2	2, 2.3	Terms of reference – Audit methodology for quality of issued documents	DCFWDG
16	2, 2.2	Three-letter codes	DCFWDG
17	2, 2.1	“e-Passport” indicator – Version number and new check character scheme in machine readable travel documents	DCFWDG
18	2, 2.2	Emergency/short-term passport guidelines	DCFWDG
19	2, 2.2	Use of personal ID number as passport number	DCFWDG
20	3, 3.2	Proposal for development work by the NTWG on hybrid card/book options for biometric enabled passports	NTWG
21	5	Seafarers’ Identity Document Convention, 2003 (No. 185)	ILO
22	6	Coping with success – The cost consequences of an expanded ICAO FAL role in operational affairs	DCFWDG
23	2	Report of the Document Content and Format Working Group	DCFWDG
24, Atts. 1& 2	3	Iris patent issues	NTWG
25	3	Update on the development of a technical report on information sharing between Contracting States in relation to lost, stolen and invalid travel documents – (Technical Report - Version 2.0)	NTWG
26	3	Machine-assisted document security verification	NTWG
27	3, 3.2	ICAO-OECD cooperation in information security and privacy	NTWG
28	2, 2.1	Selection of e-Passport Logo	DCFWDG and NTWG

C-3

Working Paper Number	Agenda Item	Subject	Presented by
29	2, 2.1	e-Passport indicator — Version number and new check character scheme in machine readable travel documents	DCFWDG
30	3	Report of the New Technologies Working Group	NTWG

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**LIST OF INFORMATION PAPERS
SUBMITTED TO THE MEETING**

Information Paper Number	Agenda Item	Subject	Presented by
1, Attachment	3, 3.2	2004/05 NTWG request for information (RFI)	NTWG
2, Attachment	4	Status of the issuance of machine readable travel documents	Secretary
3, Attachment	—	EPWG-sponsored Workshop for TAG-MRTD/15	Secretary

— END —