



TAG-MRTD/17

INTERNATIONAL CIVIL AVIATION ORGANIZATION

TECHNICAL ADVISORY GROUP

ON

MACHINE READABLE TRAVEL DOCUMENTS

SEVENTEENTH MEETING

Montreal, 20 - 22 March 2007

REPORT

LETTER OF TRANSMITTAL

To: Chairman, Air Transport Committee

From: Chairman, Technical Advisory Group on Machine Readable Travel Documents

I have the honour to submit herewith the Report of the seventeenth meeting of the ICAO Technical Advisory Group on Machine Readable Travel Documents, which was held in Montreal from 20 to 22 March 2007.

A handwritten signature in black ink, reading "Annette Offenberger". The signature is written in a cursive, flowing style.

Annette Offenberger
Chairman

INTERNATIONAL CIVIL AVIATION ORGANIZATION

TECHNICAL ADVISORY GROUP

ON MACHINE READABLE TRAVEL DOCUMENTS

SEVENTEENTH MEETING

(Montreal, 20 to 22 March 2007)

INTRODUCTION

0.1 **General.** The Seventeenth Meeting of the Technical Advisory Group on Machine Readable Travel Documents (TAG-MRTD) was held at ICAO Headquarters, Montreal, Canada, from 20 to 22 March 2007. Mrs. Silvia Gehrer, 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, Mrs. Gehrer expressed great satisfaction with its work and outcome such as the update of Doc 9303, Part 1 and the establishment of the ICAO Public Key Directory (PKD).

0.2 **Attendance.** In attendance were 10 members and 2 alternate members of the TAG with their advisers, as well as observers from 11 Contracting States and 8 international and other 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. Mr. Mauricio Siciliano, Technical Officer from the Specification and Guidance Material (SGM) Section was the Secretary of the Meeting. Mr. Dominique Antonini, Chief SGM was also present during the meeting.

0.4 **Agenda of the TAG**

The TAG adopted the agenda as shown hereunder:

Agenda Item 1: Development of specifications for MRTDs

Agenda Item 2: Implementation of ePassports

Agenda Item 3: Universal implementation of Machine Readable Travel Documents

Agenda Item 4: Implementation of the Public Key Directory

Agenda Item 5: States' Reports

Agenda Item 6: Other business

0.5 **Documentation.** Twenty-three (23) working papers were submitted for consideration by the meeting, as listed in Appendix E.

0.6 **Working arrangements and procedures.** The meeting was conducted in English, French, Russian and Spanish.

1. **AGENDA ITEM 1**

Development of specifications for MRTDs

1.1 *Progress on Machine Readable Travel Documents and Part 3 — Size 1 and Size 2 Machine Readable Official Travel Documents (Doc 9303), third edition*

1.1.1 The New Technology Working Group (NTWG) and the Document Content and Format Working Group (DCFWG) jointly presented WP/13. This paper described the work of both working groups on updating the third edition of Doc 9303, Part 3, based on the content of the sixth edition of Doc 9303, Part 1.

1.1.2 The TAG noted the work undertaken by the two working groups and approved the work to be done for publishing the third edition of Doc 9303, Part 3 (see 1.2.2 below). It was also suggested to incorporate into this new edition, the information contained in the Supplement to Doc 9303, Part 1, sixth edition, Releases 1 to 5. The amendments of the dimensional specification for the td1 and td2 were also agreed upon, as was bringing them into line with those of the ID-1 and ID-2 specified in ISO/IEC 7810. Finally, the TAG approved the use of the acronyms contained in this working paper.

1.2 *Report of the Document Content and Format Working Group*

1.2.1 The TAG noted under WP/18, the report on the work and meetings held by the DCFWG during the last 18 months. In this working paper, the DCFWG acknowledged the contributions and continued support of the ISO WG3.

1.2.2 The Secretariat stated that, the core of the DCFWG's work, namely the integration of Technical Reports into Doc 9303, has been accomplished, thus ending the need to have a working group dedicated to manage the issues on the content and formatting of Doc 9303. The Secretariat will be coordinating in-house all the updates of Doc 9303, with assistance provided by ISO working groups.

1.2.3 The Secretariat noted the list of available experts proposed in WP/18 as well as the glossary drafted by the working group.

1.2.4 The TAG noted and approved the report as presented in WP/18.

1.3 *Issuance of Three-Letter Codes*

1.3.1 During the discussion on WP/21, the Secretariat confirmed that the issuance of three-letter codes for entities other than States, rests with ICAO. In this context, the Secretariat considers each request on a case-by-case basis, granting the codes to entities that have a valid demand.

1.3.2 The TAG suggested that the Secretariat verify internally the rules and procedures and apply the principle of good governance when dealing with this issue.

1.4 *Transliteration Rules for States with Non-Latin National Script – Arabic*

1.4.1 The Secretariat, through the TAG-MRTD working groups, has traditionally been active in creating and following up transliteration issues as well as developing guidance for States that desire to transliterate their national script into scripts that conform to the rules of Doc 9303 for entries in MRTDs and eMRTDs.

1.4.2 In discussing WP/22, INTERPOL expressed a concern about the difficulties on the different ways some Arabic words and names are spelled in Latin characters. In this regard, INTERPOL proposed that the Secretariat lead a project to develop and establish a transliteration list for Arabic language to be included in Doc 9303 for worldwide implementation.

1.4.3 The TAG approved the proposal and the Secretariat will lead this project, establishing an “ad hoc” task force group to assist in its implementation.

2. **AGENDA ITEM 2**

Implementation of ePassports

2.1 *Report of the New Technologies Working Group*

2.1.1 The Chairman of the NTWG presented in WP/20 the ongoing work of the group since TAG/16, as well as its new work and future activities. As the items and subjects were introduced, the Chairman referred to the persons responsible to present their respective working papers, as is reported below.

2.1.2 At the end of all the presentations for this agenda item, the TAG noted the work of the NTWG to-date and the approach that has been taken, and approved, in principle, the future direction and activities of the NTWG as outlined in paragraph 4 of WP/20.

2.2 *Review of the NTWG Terms of Reference*

2.2.1 As a result of the publication of the ePassport specifications in 2006, the NTWG undertook a review of its Terms of Reference, which were presented in WP/2.

2.2.2 Having extensively considered the proposal, the TAG approved the revised Terms of Reference for the NTWG as included in Appendix D to this Report.

2.3 *NTWG Communication Strategy*

2.3.1 WP/5 outlined the request from the Secretariat, to create a NTWG sub-working group to contribute to the overall communication strategy and develop key messages for the use of ICAO and member States.

2.3.2 As a result of the discussions, the Secretariat decided to create a Strategy and Communication Working Group (Appendix C refers), directly linked to the Secretariat, to provide, among other functions, communication and outreach support to the ICAO Secretariat.

2.3.3 The Secretariat also proposed the creation of a new TAG working group that will assist the Secretariat in carrying out the Universal Implementation of MRTD (UIMRTD) to meet the 2010 deadline that all States have, under Standard 3.10 of Annex 9, to begin issuing only Machine Readable

Passports (MRPs), and to carry out outreach and capacity building activities (see Appendix B). The Secretariat will correspond with the TAG Members on this issue.

2.4 ***Report on Publication of the Supplement to Part 1 of ICAO Doc 9303.***

2.4.1 The NTWG highlighted in WP/6 the importance of publishing the Supplement to the sixth edition of Doc 9303, Part 1 — *Machine Readable Passports*. This document is intended to provide guidance, advice, updates and will assist to clarify and amplify the content of Doc 9303. The Supplement does not replace in any way the Technical Report process or the development of Doc 9303. In fact, it is considered as a maintenance vehicle for Doc 9303 and should be read in conjunction with the latter. Much of its content will eventually be incorporated into a Technical Report or Doc 9303.

2.4.2 The TAG noted the publication of the Supplement and endorsed its continuing publication on a priority and timely basis. The Group requested to have the latest and any further versions, available on the MRTD website because they are cumulative.

2.5 ***Application of the Photo Standards in the eMRTD Issuing Process***

2.5.1 WP/9 highlighted the problems encountered by States in implementing the photo standards contained in ISO/IEC 19794-5, *Biometric Data Interchange Format – Face Image Data*, and offered solutions to such problems.

2.5.2 In the light of the experience as described, the TAG decided to issue in the Supplement to Doc 9303 Part 1, sixth edition, the updated information, accepting to modify the tolerances for capturing the images of the face as proposed in the working paper.

2.5.3 The TAG also approved the proposed steps to seek ISO endorsement of these changes.

2.6 ***Use of Smart Cards with Machine Readable Passports***

2.6.1 WP/10 described the use of detachable smart cards with a passport book (known as the Hybrid TR), which is intended to form the basis for approval by ICAO.

2.6.2 The TAG noted the work done to-date and acknowledged the Hybrid TR as appropriate. It decided however to hold its development and keep this issue in the working project list, in view that, if future requirements dictate, the development of the TR could be reinstated by the TAG.

2.7 ***Report on Test Methodology being developed for MRTDs and eMRTDs***

2.7.1 WP/15 described the ongoing work within Working Group 3 (WG3) to develop a new work item proposal report on test methodologies for eMRTDs in a multipart standard, as follows:

- Part 1: Durability of the ePassport Booklets
- Part 2: Contactless interface
- Part 3: Logical Data Structure and PKI protocols

2.7.2 The TAG noted the work done to-date on test methodologies and endorsed the continuing work plan as presented in the working paper. It also requested to publish the TRs already available on the MRTD website.

2.8 *Guidelines on eMRTDs and Passenger Facilitation*

2.8.1 WP/17 described the suggested approach to the development of guidance for States looking to facilitate passenger travel through the use of ePassports. The TAG noted the work done and approved the continuation of the on-going work in this area.

2.8.2 The Secretariat proposed that the development of these guidelines should be the responsibility of the UIMRTDWG, if created.

2.9 *Development of an eVisa Technical Report by the NTWG*

2.9.1 WP/14 updated the TAG on the development of an eVisa Technical Report. The report concluded that the use of a contactless integrated circuit to increase data capacity of a machine readable visa is not currently permitted due to a risk of interference with the readability of any eMRP into which an eMRV might be placed.

2.9.2 The TAG approved the continuation of the on-going development for the eVisas TR being carried out by the NTWG as a key activity.

2.10 *Extended Access Control*

2.10.1 WP/11 provided information on the development of Extended Access Control (EAC) currently undertaken in the European Union and in Singapore. The TAG confirmed the continuation of the study on EAC and the possibility of its development as a global standard.

2.11 *Revision of the Logical Data Structure Technical Report*

2.11.1 After the incorporation of version 1.7 of the Logical Data Structure Technical Report into Doc 9303 Part 1, Volume 2, WP/7 explored issues to be included in the next version of the TR based on the latest research. It also acknowledged the need to revise this Technical Report to address other matters that have emerged, as well as other possible functionalities and applications that are proposed for incorporation.

2.11.2 Finally, the Group endorsed the revision of this report and approved the work on Version 2.0 of the Logical Data Structure Technical Report.

2.12 *ICAO Request for Information (RFI) - 2007-2008 Edition*

2.12.1 WP/12 outlined the process and content for the coming 2007/2008 Request for Information (RFI), on new technology solutions for the ongoing ePassport work programme. This process is carried out every three years and the coming RFI is proposed to be held in conjunction with the next TAG meeting in April or May 2008.

2.12.2 The TAG approved holding the RFI according to the terms and schedule as presented in the working paper, and proposed to add, as Item 10, technologies on language software to assist in transliterating non-Latin characters, specifically Arabic, into Latin. The Secretariat suggested including ACI, IATA and members of the Aviation Security (AVSEC) and Facilitation (FAL) Panels to the panel of volunteers that will review the RFI, in light of the requirements on self service facilitation technology, biometric database management and biometric verification on the move. The Secretariat will coordinate with the person in charge of the RFI to insure effective participation of members of the groups mentioned.

2.13 ***Processing Travellers Presenting ePassports that Fail to Read***

2.13.1 With an increasing number of ePassports being issued and with the establishment of the Public Key Directory (PKD), there is a need to reach an agreement on a formal protocol to handle travellers whose ePassports fail to read, or where there is a mismatch with the PKD. This agreement needs to provide guidance to control authorities and others on how to deal with travellers in such situations. This is the subject covered under WP/4.

2.13.2 The TAG approved the need to develop guidelines for border inspection authorities and others, suggesting action that should be taken, and giving reasons why the chip in a passport might be unable to read. These guidelines should also address staff training issues.

2.14 ***Guidelines for Assessing Security Standards for Handling and Issuance of Travel Documents.***

2.14.1 WP/19 focused on a project to support efforts to increase both the security features of the documents themselves, as well as the security of the handling and issuance process for such documents by developing detailed guidelines as proposed.

2.14.2 The TAG recognized the importance of increasing the security of travel document issuance and handling, and approved the development of guidelines for assessing the implementation of security standards in these fields.

2.14.3 The Secretariat requested to receive working drafts as they are developed.

3. **AGENDA ITEM 3**

Universal Implementation of Machine Readable Travel Documents

3.1 ***ICAO Secretariat Updates and Report on Activities Related to UIMRTD***

3.1.1 The Secretariat updated the TAG on their restructuring of the Aviation Security and Facilitation Branch; the approval of the ICAO Strategic Objectives for the 2005-2008 period; the activities related to the implementation of the ICAO PKD; the activities undertaken in the framework of the UIMRTD, such as assistance and missions provided to States; the organization of symposia and conferences; the publication of a magazine, and the launching and updating of the dedicated MRTD website.

3.1.2 The TAG noted the organizational changes in the Secretariat, the ICAO Strategic Objectives related to MRTDs and the required close coordination between the Secretariat, the TAG and its working groups to achieve these objectives. Finally, it also noted the work of the Secretariat in implementing the activities related to the UIMRTD.

4. **AGENDA ITEM 4**

Implementation of the Public Key Directory

4.1 ***Progress in the Development of the ICAO PKD Service***

4.1.1 The Chairman of Ad-Hoc Development Oversight Group (ADOG) presented WP/3 giving an update on the progress of the ICAO PKD.

4.1.2 The TAG supported the continuation of deployment and promotion of the ICAO PKD Service and associated PKD Board function.

5. AGENDA ITEM 5

States' Reports

5.1.1 Ms. Silvia Kolligs, the observer from the European Commission, gave an update on European regulations regarding travel documents, and introduced the States' reports from Germany and The Netherlands.

5.1.2 Mr. Sjeff Broekhaat, member from The Netherlands, gave an update on the Dutch ePassport implementation.

5.1.3 Dr. Eckart Brauer, member from Germany, gave an update on the German ePassport implementation.

5.1.4 Mr. Ross Greenwood, member from Australia and the Chairman of the PKD Board, encouraged States to join the ICAO PKD.

6. AGENDA ITEM 6

Other business

6.1.1 Mr. Uwe Siegel, alternate member from Germany made a presentation on the difficulties in implementing the standards in capturing face images and made a proposal to modify the tolerances to improve this activity.

6.1.2 Ms. Dawn Flanagan from ICAO Technical Cooperation Bureau made a presentation on the services available to States in implementing MRTD projects.

6.1.3 Ms. Aine Ni Fhloinn, from In-house Training made a presentation on an eLearning training package based on Doc 9303 that will be available to States and the private sector. The Secretariat requested assistance from States to review its content and pertinence in outreaching and training personnel on MRTD-related issues.

APPENDIX A

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

Seventeenth Meeting

(Montreal, 20 to 22 March 2007)

ATTENDANCE LIST

MEMBERS AND ADVISERS

AUSTRALIA

Mr. Ross M. Greenwood	Member	Assistant Secretary, Passport Business Improvement and Technology Branch Dept. of Foreign Affairs & Trade The R.G. Casey Building John McEwen Crescent Barton ACT 0021 Australia TEL: +612 6261 2118 FAX: +612 6261 2986 E-MAIL: ross.greenwood@dfat.gov.au
Mr. John A. Osborne	Adviser	Director, Passport Systems and Technology Dept. of Foreign Affairs & Trade The R.G. Casey Building John McEwen Crescent Barton ACT 0221 Australia TEL: +612 6261 1035 FAX: +612 6261 1038 E-MAIL: john.osborne@dfat.gov.au

CANADA

Mr. Gary K. McDonald	Member	Director General, Policy and Planning Passport Canada 70 Cremazie St, Gatineau Quebec K1A 0G3
----------------------	--------	--

TEL: +1 819 934 3839
FAX: +1 819 934 3838
E-MAIL: gmcdonal@pptc.gc.ca

Ms. Stephanie Brodeur	Adviser	International Policy Analyst Passport Canada 70 Cremazie St, Gatineau Quebec K1A 0G3
-----------------------	---------	---

E-MAIL: sbrodeur@pptc.gc.ca

Mr. Evans Girard	Adviser	Counsel/Director Passport Canada 70 Cremazie St, Gatineau Quebec K1A 0G3
------------------	---------	---

TEL: +1 819 994 1717
FAX: +1 819 994 1482
E-MAIL: egirard@pptc.gc.ca

Mr. Jean-Pierre Lamarche	Adviser	Director, Passport Canada 70 Cremazie St, Gatineau Quebec K1A 0G3
--------------------------	---------	---

E-MAIL: jlamarche@pptc.gc.ca

S. Martine Lallouz	Adviser	Director, Passport Canada 11 Cleve Rd, Montreal Quebec H3X 1A5
--------------------	---------	--

E-MAIL: mlallouz@pptc.gc.ca

CZECH REPUBLIC

Mr. Miloš Vacek	Member	Directorate of Alien and Border Police Olsanska 2 130 51 Prague 3 Czech Republic
-----------------	--------	---

TEL: +420 974 841 441
FAX: + 420 974 841 038
EMAIL: mvacek@mvr.cz

FRANCE

Mr. Yann Dumareix	Adviser	Attaché, Ministère de l'Intérieur Place Beauvau 75800 Paris, France TEL: +33 01 40 07 29 75 FAX: +33 01 40 07 68 18 E-MAIL: yann.dumareix@interieur.gouv.fr
Mr. Pierre Pape	Adviser	Alternate Representative of France on the Council of ICAO 999 University Street, Suite 15.15 Montreal, Quebec H3C 5H7 Canada TEL: +1 514 954 8324 FAX: +1 514 954 5752 E-MAIL: ppape@icao.itn
Mr. Alain Sterbik	Adviser	Ministère des Affaires Étrangères 244 Boulevard de Saint Germain 75007 Paris France TEL: +33 (0) 1 43 17 89 55 FAX: +33 (0) 1 43 17 92 44 E-MAIL: alain.sterbik@diplomatie.gouv.fr

GERMANY

Dr. Eckart Brauer	Member	Federal Ministry of Interior Alt-Moabit 101D, 10559 Berlin Germany TEL: +49 30 18681 2007 FAX: +49 30 18 681 5 2007 E-MAIL: eckart.brauer@bmi.bund.de
Dr. Uwe Seidel	Alternate Member	Senior Scientist Bundeskriminalamt, Forensic Science Institute Identity Documents, KT43, Thaerstrasse 11 D-65173 Siesbaden Germany TEL: +49 611 551 3909 FAX: +49 611 554 5097 E-MAIL: uwe.seidel104@bka.bund.de

Dr. Dennis Kuegler	Adviser	IT-Security Specialist Federal Office for Information Security (BSI) Godesberger Allee 185-189 Postfach 200363 53175 Bonn Germany TEL: +49 228 9582 183 TAX: +49 228 9582 90183 E-MAIL: dennis.kuegler@bsi.bund.de
Mr. Joachim Werger	Adviser	Senior Police Officer Grenzschutzdirektion Federal Border Guard Directorate Roonstrasse 13 56068 Koblenz Germany TEL: +49 261 399 727 FAX: +49 261 399 725 E-MAIL: joachim.werger@bgs.bund.de

INDIA

Mr. K.J.S. Sodhi	Member	Director, Ministry of External Affairs New Delhi India TEL: +1 91 11 2338 4529 FAX: +1 91 11 2338 2821
Mr. S.K. Sinha	Adviser	Senior Technical Director Head, Smart Card Technology Division National Informatics Centre Government of India A-Block, CGO complex, Lodhi Road New Delhi – 110003 India TEL: +1 91 11 2436 5085 E-MAIL: sinha.sk@nic.in

Dr. B.N. Shetty	Adviser	Sr. Director & H.O.D External Affairs Informatics Division 183 D South Block, New Delhi – 110 001 India TEL: +1 91 11 2439 2225 FAX: +1 91 11 2430 5153 E-MAIL: bnshetty@nic.in
Mr. Sanjay Raja	Adviser	Director Standard Technologies & Convertors Pvt. Ltd 428/A Kewal Industrial Estate S.B. Marg, Lower Parel (West) Mumbai 400 013 India TEL: +1 91 22 2491 8000 FAX: +1 91 22 2491 9000 E-MAIL: sanjay@stcpl.com

JAPAN

Mr. Katsuaki Ito	Member	Director, Passport Division Consular Affairs Bureau Ministry of Foreign Affairs 2-2-1 Kasumigaseki, Chiyoda-Ku Tokyo 100-8919 Japan TEL: +81 3 5501 8167 FAX: +81 3 5501 8166 E-MAIL: katsuaki.ito@mofa.go.jp
Miss Noriko Nishimura	Adviser	Ministry of Foreign Affairs 2-2-1 Kasumigaseki, Chiyoda-Ku Tokyo 100-8919 Japan TEL: +81 2 5501 8168 FAX: +81 3 5501 8166 E-MAIL: noriko.nishimura@mofa.go.jp

Mr. Chitao Saeki	Adviser	Official, Foreign Nationals' Affairs Division Consular Affairs Bureau Ministry of Foreign Affairs 2-2-1 Kasumigaseki, Chiyoda-Ku Tokyo 100-8919 Japan TEL: +81 3 3580 3311 FAX: +81 3 5501 8174 E-MAIL: chitao.saeki@mofa.go.jp
Mr. Takashi Uruchida	Adviser	Researcher, Research & Development Dept. Head Office, National Printing Bureau 2-2-4 Toranomom, Minato-ku Tokyo 105-8445 Japan TEL: +81 3 3587 4596 FAX: +81 3 3587 4490 E-MAIL: kaihatu@res-npb.go.jp
Mr. Makoto Furuie	Adviser	Researcher, Research Institute National Printing Bureau 6-4-20 Sakawa, Odawara-shi Kanagawa-Ken 256-0816 Japan TEL: +81 465 49 4227 FAX: +81 465 49 4244 E-MAIL: seihin01@res.npb.go.jp
NETHERLANDS		
Mr. Jozef M.J. Broekhaar	Member	R & D Manager Personal Records & Travel Documents Agency Ministry of Interior and Kingdom Relations Lange Vöyverberg 11 P.O. Box 10451 2501 HL Den Haag Netherlands TEL: +31 70 361 3173 FAX: +31 70 356 0066 E-MAIL: sjef.broekhaar@bprbzk.nl

Mr. Willem Ronald Belser	Adviser	R&D Manager Immigration and Naturalization Service Ministry of Justice P.O. Box 7025 8007 HA Zwolle Netherlands
		TEL: +31 38 469 1226 FAX: +31 38 469 1140 E-MAIL: rbelser@ind.minjus.nl

NEW ZEALAND

Ms. Annette Offenberger	Member	General Manager, Identity Services Department of Internal Affairs P.O. Box 10-526 Wellington 6000 New Zealand
		TEL: +64 4 382 3477 FAX: +64 4 382 3401 E-MAIL: annette.offenberger@dia.govt.nz

Mr. David Philp	Adviser	Manager, Passports Department of Internal Affairs 120 Victoria St. P.O. Box 10-526 Wellington 6000 New Zealand
		TEL: +64 4 382 3512 FAX: +64 4 382 3403 E-MAIL: david.philp@dia.govt.nz

NIGERIA

Mr. Ademola Oladele	Adviser	Head, Aviation Security Nigerian Civil Aviation Authority Aviation House, Mohammed Airport Ikeja, Lagos Nigeria
		TEL: +234 80 3324 1042 FAX: +234 1 493 0029 E-MAIL: ladioladele@hotmail.com

Mr. Tanko Nuhu Kutana	Adviser	Chief Superintendent Document Fraud Unit Nigeria Immigration Service HQ Federal Ministry of Interior Abuja Nigeria TEL: +234 9 523 0589 FAX: +234 9 523 0589 E-MAIL: kutana09@yahoo.com
Mr. Joseph C. Udeh	Adviser	Comptroller General Nigeria Immigration Services Federal Ministry of Interior Abuja Nigeria TEL: +234 9 523 0589 FAX: +234 9 523 0589 E-MAIL: cgis@immigration.gov.ng

RUSSIAN FEDERATION

Mr. V.V. Postnov	Alternate Member	Alternate Representative of the Russian Federation on the Council of ICAO 999 University Street, Suite 16.25 Montreal, Quebec H3C 5J9 TEL: +1 514 954 8300 FAX: +1 514 954 1119 E-MAIL: russia.icao.int
------------------	------------------	--

SWEDEN

Mr. Staffan Tilling	Member	Chief Superintendent Department of Police Affairs P.O. Box 12256, SE-102 26 Stockholm Sweden TEL: +46 8 401 9923 FAX: +46 8 401 9613 E-MAIL: staffan.tilling@polisen.se
---------------------	--------	--

UNITED KINGDOM

Mr. Robin Chalmers	Member	Head of International Policy Identity and Passport Service Home Office Hampton House, 7-53 High Street Belfast BT1 2QS
		TEL: +44 28 9041 2700 FAX: +44 28 9041 2702 E-MAIL: robin.chalmers@ips.gsi.gov.uk
Mr. Charles Stevens	Adviser	HM Inspector, UK Immigration Services National Document Fraud Unit One Noble Drive, Harlington Middlesex UB3 5EY United Kingdom
		TEL: +44 208 745 2475 FAX: +44 208 745 2488 E-MAIL: charlie.stevens@homeoffice.gsi.gov.uk

UNITED STATES

Mr. Michael Holly	Adviser	Chief, International Affairs Staff Passport Services Bureau of Consular Affairs Department of State 2100 Pennsylvania Avenue, Suite 300 NW. Washington DC 20037 United States
		TEL: +1 202 663 2472 FAX: +1 202 736 9272 E-MAIL: hollyrm@state.gov
Mr. Richard C. Martin	Adviser	Director Passport Systems Division Office of Consular Systems & Technology Bureau of Consulate Affairs Department of State 2401 E Street NW H911 Washington DC 2022 United States
		TEL: +1 202 663 2406 FAX: +1 202 663 3922 E-MAIL: martinrc@state.gov

Mr. Brad Wing

Adviser

US-VISIT Program
1616 N. fort Myer Drive, 8th Floor
Arlington
Virginia 22209
United States

TEL: +1 202 298 5224

FAX: +1 202 298 5236

E-MAIL: bradford.wing@dhs.gov

OBSERVERS FROM STATES**AUSTRIA**

Mr. Michael Fuchs	Observer	E-MAIL: michael.fuchs@bmi.gv.at
Ms. Claudia Hager	Observer	Executive Director Austrian State Printing House Tenschertstr. 7 A-1239 Vienna Austria TEL: +43 1 20666 308 FAX: +43 1 20666 100 E0-MAIL: hager@staatsdruckerei.at

BELGIUM

Mr. Luc Corbeels	Observer	Conseiller Ministere des affaires Etrangeres Rue des Petits Carmes 15 – 100 Bruxelles Belgique TEL: +32 2 501 87 31 FAX: +32 2 501 87 01 E-MAIL: luc.corbeels@diplobel.fed.be
------------------	----------	---

COLOMBIA

Mr. Cesar Augusto Bejarano	Observer	Delegation of Colombia to the Council of ICAO 999 University Street Montreal, Quebec H3C 5H7 TEL: +1 514 954 6385 FAX: +1 514 954 6413 E-MAIL: c_bejara@yahoo.com
----------------------------	----------	--

ESTONIA

Mr. Raul Eks	Observer	Counsellor Development Department Estonian Citizenship and Migration Board Endia 13 15179 Tallinn Estonia TEL: +372 626 3355 FAX: +372 626 3373 E-MAIL: raul.eks@mig.ee
--------------	----------	--

Mr. Stephan Hofstetter	Observer	Estonian contractual partner in field of national identity cards
------------------------	----------	--

E-MAIL: stephan.hofstetter@trueb.ch

IRELAND

Mr. Martin Rouine	Observer	Director of Passport Services Passport Office Molesworth Street, Dublin 2 Ireland
-------------------	----------	---

TEL: +1 35 31 408 2783

FAX: +1 35 31 408 2787

E-MAIL: martin.rouine@dfa.ie

LATVIA

Mr. Elmars Berzins	Observer	Head of Questioned Documents Unit Forensic Service Dept. State Police Ministry of Interior 72B Bruninieku Riga, LV 1009 Lativa
--------------------	----------	--

TEL: +371 720 8459

FAX: +371 729 4442

E-MAIL: elmars.berzins@ec.vp.gov.lv

Ms. Raimonda Admine	Observer	Senior Desk Officer Ministry of Interior P.O. Box 6 Riga, LV 102 Lativa
---------------------	----------	---

TEL: +371 720 8911

FAX: +371 729 4442

E-MAIL: radmine@dp.gov.lv

MOZAMBIQUE

Dr. Delfim de Deus	Observer	Representative of the Republic of Mozambique on the Council of ICAO and Head of the Permanent Mission of the South African Development Community at ICAO Suite 15.50 999 University Street Montreal Quebec H3C 5J9
		TEL: +1 514 954 8363 FAX: +1 514 954 6756 E-MAIL: sadc@icao.int

PORTUGAL

Ms. Isabel Baltazar	Observer	Inspectora Chefe de Departamento/DIPD Departamento de Identificação e Peritagem Documental Serviço de Estrangeiros e Fronteiras Rua Passos Manuel, 40-3º 1169-089 Lisboa Portugal
		TEL: +351 318 99 33/41 FAX: +351 21 352 22 18 E-MAIL: isabelb@sef.pt

Ms. Ema Pacheco	Observer	Inspectora Departamento de Identificação e Peritagem Documental Serviço de Estrangeiros e Fronteiras Rua Passos Manuel, 40-3º 1169-089 Lisboa Portugal
		TEL: +351 318 99 33/41 FAX: +351 21 352 22 18 E-MAIL: ema.pacheco@sef.pt

SINGAPORE

Mr. Eric Tan Chong Sian	Observer	Commissioner Immigration & Checkpoints Authority (ICA) ICA Bldg, 10 Kallang Rod #08-00 Singapore 208718 TEL: +1 65 6391 6001 FAX: +65 6298 0837 E-MAIL: eric_tan@ica.gov.sg
Miss Tan Sor Hoon	Observer	Deputy Director Immigration & Checkpoints Authority (ICA) ICA Bldg, 10 Kallang Rod #08-00 Singapore 208718 TEL: +65 6391 6266 FAX: +65 6298 0837 E-MAIL: tan_sor_hoon@ica.gov.sg
Mr. Tam Chek Fran	Observer	Manager (Passports) Citizen Services Centre Immigration & Checkpoints Authority (ICA) ICA Bldg, 10 Kallang Rd #08-00 Singapore 208718 TEL: +65 6391 6233 FAX: +65 6299 5004 E-MAIL: tam-chek.Fran@ica.gov.sg

SPAIN

Mr. Juan Francisco Rodriguez-Franco	Observer	Inspector Spanish National Police Force Comisaria General de Extranjeria y Documentales C/General Pardiñas, 90-5° Madrid 28006 Spain TEL: +91 322 69 16 E-MAIL: cged.0065@policia.es
--	----------	--

Mr. Rafael P. Álvarez

Observer

Homeland Security
Identification and Biometric Systems
Product Manager
Ctra. de Loeches, 9, 28850 Torrejón de Ardoz
Madrid

TEL: +34 91 626 96 11
FAX: +34 91 626 96 66
E-MAIL: ralvarezp@indra.es

SWITZERLAND

Mr. Roman Vanek

Observer

Head, Identity Documents Section
Federal Department of Police
Nussbaumstr. 28
CH-3003 Bern
Switzerland

TEL: +41 31 323 20 77
FAX: +41 31 324 14 10
E-MAIL: roman.vanek@fedpol.admin.ch

OBSERVERS FROM INTERNATIONAL ORGANIZATIONS

**ACI
(Airports Council
International)**

Ms. Anne McGinley	Observer	Director, Liaison Bureau Airports Council International 1100, Rene Levesque West, Suite 2100 Montreal, Quebec H3B 4X8
-------------------	----------	---

Mr. Rod Heitmeyer	Observer	TEL: +1 514 394 7321 E-MAIL: amcginley@aci.aero Liaison Bureau Airports Council International 1100, Rene Levesque West, Suite 2100 Montreal, Quebec H3B 4X8
-------------------	----------	---

TEL: +1 514 394 7321
E-MAIL: rodheitm@aol.com

**EC
(European commission)**

Ms. Silvia Kolligs	Observer	European Commission Directorate-General Justice & Home Affairs Unit B-1: Borders and visas Rue de Luxembourg 46 Office LX46 05/189 B-1000 Brussels Belgium
--------------------	----------	--

TEL: +32 2 299 4451
FAX: +32 2 295 6090
E-MAIL: silvia.kolligs@ec.europa.eu

IATA
(International Air Transport
Association)

Mr. Robert A. Davidson Observer

Assistant Director, Facilitation Services
IATA
800 Place Victoria
P.O. Box 113
Montreal, Quebec H4Z 1M1
CanadaTEL: +1 514 390 6778
FAX: +1 514 874 2662
E-MAIL: davidsonr@iata.org**INTERPOL**
(International Criminal
Police Organization)

Mr. Harald Arm Observer

Assistant Director
Criminal Data Processing Sub-Directorate
Operational Police Support Directorate
INTERPOL
200 quai charles de Gaulle
69006 Lyon
FranceTEL: +33 4 7244 7649
FAX: +33 4 7244 7380
E-MAIL: h.arm@interpol.int**ISO**
(International Organization
for Standardization)

Mr. Joel F. Shaw Observer

Convener, ISO WG 3
ISO/IEC JTC1/SC17 – MRTDs
64 Hobin Street
P.O. Box 1761
Stittsville,
Ontario K2S 1B4
CanadaTEL: +1 613 270 9822
FAX: +1 613 270 9833
E-MAIL: ceo@biodentity.com

Mr. Barry Kefauver	Observer	Consultant – Task Force 1 (NTWG) Fall Hill Associates, LLC 3315 Fall Hill Avenue, Fredericksburg, Virginia 22401 United States TEL: +1 540 372 7052 FAX: +1 540 372 7052 E-MAIL: jetlag10@erols.com
Mr. Charles Chatwin	Observer	Consultant Security Printing and Identification Slinfold House The Street, Slinfold Horsham West Sussex RH13 7RP United Kingdom TEL: +44 1403 790 293(res.) MOBILE: +44 775 201 1160 E-MAIL: charles.chatwin@btinternet.com
Mr. Michael Ellis	Observer	Managing Director Dynjab Technologies Pty. Ltd. Unit 3/15 Geelong Street Fyshwick, ACT 2609 Australia TEL: +61 2 6239 1580 FAX: +61 2 6239 1581 E-MAIL: mjellis@dynjab.com.au
Mr. Junichi Sakaki	Observer	Manager, Panasonic Matsushita Electric Industrial Co. Ltd. Shinagawa Seaside Forest Panasonic Tower 4-12-4 Higashi-shinagawa Shinagawa-ku Tokyo 140-8587 Japan TEL: +81 3 6710 3096 FAX: +81 3 6720 3760 E-MAIL: sakaki.junichi@jp.panasonic.com

Mr. Robert Balderston	Observer	Vice President, R&D Canadian Bank Note Company Ltd. 5506 Third Link Road N. RR3 North Gower Ontario K0A 2T0 Canada TEL: FAX: E-MAIL: Robert@cbnco.com
Mr. Thomas Kinneging	Observer	Project Manager SDU Identification Oudeweg 32, P.O. Box 5300 2000 GH Haarlem The Netherlands TEL: +31 23 799 5218 FAX: +31 23 799 5180 E-MAIL: tom.kinneging@sdu-identification.nl
Mr. Charles (Chuck) Baggeroer	Observer	1725 Oakland Rd. Project Editor (LDS) TEL: +31 23 799 5218 FAX: +31 23 799 5180 E-MAIL: chuck_baggeroer@datacard.com
Mr. Michael Hegenbarth	Observer	Senior Director Standardization and Business Relations Infineon Technologies AG Kirschenweg 13 D-64678 Lindenfels Germany Tel: +49 6255 968 585 FAX: +49 69 2557 7384 E-MAIL: Michael@hegenbarth.com

OSCE
(Organization for Security
and Co-operation in Europe)

Mr. Dimitar Jalnev

Observer

Programme Coordinator
Action Against Terrorism unit
Office of the Secretary General
Kaerntner Ring 5-7, A-1010 Wien
Austria

TEL: +43 1 5143 6157

FAX: +43 1 5143 6587

E-MAIL: dimitar.jalnev@osce.org

OTHER OBSERVERS**SOVEREIGN MILITARY
ORDER OF MALTA**

Mr. Fra' MacPherson	Observer	Member of the Sovereign Council and President of the Commission for the Protection of Names and Emblems of the Sovereign Military Order of Malta
---------------------	----------	---

IRELAND

Ms. Aine Ni Fhloinn	Observer	Inhouse Trainer 6A Northbrook Ave. Ranelagh Dublin 6 Ireland
---------------------	----------	--

— — — — —

APPENDIX B

Universal Implementation of Machine Readable Travel Documents Working Group (UIMRTDWG)

Mandate:

To assist the Secretariat in the implementation of projects in States, including training, technical and sources of financial assistance under the Universal Implementation of MRTD (UIMRTD) to meet the 2010 deadline to carry out capacity building outreach activities and in conjunction with States, other international organizations and the private sector

This group will report to the TAG-MRTD.

Membership:

TAG members, observers and other organizations as deemed necessary.

— — — — —

APPENDIX C

MRTD STRATEGY AND COMMUNICATION GROUP (SCG)

Mandate:

To assist the ICAO Secretariat for the implementation of the ICAO strategy and communication of the MRTD and other biometric-oriented civil aviation programmes. The SCG will support the Secretariat by assisting in the development of an effective MRTD and biometric-oriented communications strategy, the respective tools and in the outreach activities.

This group will report to the ICAO Secretariat.

Membership:

- Chairperson of the TAG-MRTD
- Chairperson of the NTWG
- Chairperson of the UIMRTDWG
- MRTD and biometric Industry
- IATA
- ACI
- Academic sector
- International organizations
- Regional organizations
- Other as required by ICAO

APPENDIX D

NEW TECHNOLOGIES WORKING GROUP (NTWG) TERMS OF REFERENCE

Title

The Working Group shall retain the existing title of New Technologies Working Group (NTWG)

Functions

1. Develop strategy, policy, specifications and guidance material in relation to the manufacture, security, testing, issuance, deployment and globally interoperable use of MRTDs in both physical and electronic form.
2. Develop strategy, policy, specifications and guidance material in relation to global data sharing/exchange for the purpose of holder identification, document validation and secure border control
3. Conduct ongoing research into technology suitable for deployment in MRTDs, issuance and border control environments, and information sharing initiatives.
4. Support the Secretariat in ensuring ICAO DOC 9303 is current and relevant in a changing environment.
5. Provide support to the ICAO PKD Board.
6. Other initiatives as directed by the ICAO Secretariat or TAG/MRTD.

Relationships

The NTWG will report to the ICAO Secretariat via the TAG/MRTD. In undertaking its role the NTWG will work closely with the Secretariat (particularly in relation to communications), ISO and other organisations with a similar or compatible mandate. It will be critical that the relationships between all of the interested parties are well managed to ensure the working groups continued success.

Membership

Participation in the NTWG is extended to government employees of TAG/MRTD member States. Observer and or Advisor status for government employees of ICAO member States, the Chair of ISO SC17 WG3, Task Force Leaders and representatives from interest groups such as IATA and INTERPOL is at the discretion of the Chairperson. It is envisaged that over time the structure, size and operation of the working group is likely to need to evolve to meet future demands. For this reason the manner of operation, structure and size of the group will also be at the discretion of the Chairperson.

Meetings

Regular meetings will be held to ensure the NTWG work programme is completed in a timely manner. Where possible, the location of meetings will rotate among member States however the timing and location of meetings will be at the discretion of the Chairperson. A minimum of four member States constitutes a quorum.

Chairperson

The NTWG members, subject to endorsement by the TAG/MRTD, select the Chair of the NTWG.

— — — — —

APPENDIX E

TECHNICAL ADVISORY GROUP ON MACHINE READABLE TRAVEL DOCUMENTS

Seventeenth Meeting

(Montreal 20 to 22 March 2007)

LIST OF WORKING PAPERS SUBMITTED TO THE MEETING

Working Paper Number	Agenda Item	Subject	Presented by
1	-	Agenda	Secretary
2, App	2, 2.2	Review of the NTWG's Terms of Reference	NTWG
3	4	Progress in the Development of the ICAO PKD Service	ADOG
4	2, 2.1	Processing Travellers presenting e-Passports that fail to read	NTWG
5	2, 2.2	NTWG Communications Strategy	NTWG
6	1, 1.1, 2, 2.2	Report on Publication of the Supplement to Part I of ICAO Doc. 9303	NTWG
7	2, 2.1	Revision of Logical data Structure Technical Report	NTWG
8	1, 1.2	Proposed Modifications to the Third Edition of ICAO Doc. 9303, Part 2 – Machine Readable Visas	NTWG & DCFWG
9	2, 2.1	Application of Photo Standards in the E-MRTD issuing process	NTWG
10	2, 2.2	Use of Smart Cards with Machine Readable Passports	NTWG
11, App. 1, App. 2	2, 2.1	Extended Access Control	NTWG & DCFWG
12	2, 2.1	2007/2008 ICAO Request for Information	NTWG
13	1, 1.1	Development of 3rd Edition of Doc. 9303, Part 3	NTWG & DCFWG
14	1, 1.2	Development of an E-Visas Technical Report by the NTWG	NTWG
15	2, 2.1	Report on Test Methodology being developed for MRTDs and e-MRTDs	NTWG
16, App	2, 2.2	Machine Readable Travel Documents (MRTDs): History, Interoperability and Implementation	NTWG
17, App	2, 2.1	Guidelines on e-MRTDs and Passenger Facilitation	NTWG
18		Report of DCFWG	DCFWG
19, Attach	2, 2.1	Guide for accessing Security Standards for handling and issuance of travel documents	NTWG
20, Attach	2, 2.2	Report of the New Technologies Working Group	NTWG
21	1, 1.3	Issuance of three-letter codes	DCFWG
22	1	Transliteration Rules for Countries with non-Latin script Arabic	Secretariat
23	3	ICAO Secretariat updates and Report on activities related to UIMRTD	Secretariat