



**TAG-MRTD/19**

# **International Civil Aviation Organization**

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**TECHNICAL ADVISORY GROUP**

**ON**

**MACHINE READABLE TRAVEL DOCUMENTS**

**NINETEENTH MEETING**

**Montréal, 7 – 9 December 2009**

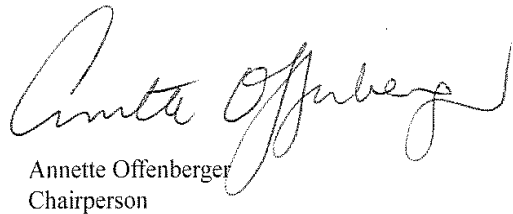
**REPORT**

**LETTER OF TRANSMITTAL**

To: Chairman, Air Transport Committee

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

I have the honour to submit herewith the Report of the Nineteenth Meeting of the ICAO Technical Advisory Group on Machine Readable Travel Documents, which was held in Montréal from 7 to 9 December 2009.



Annette Offenberger  
Chairperson

December 2009

**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

**TECHNICAL ADVISORY GROUP**

**ON**

**MACHINE READABLE TRAVEL DOCUMENTS**

**NINETEENTH MEETING**

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**1. INTRODUCTION**

1.1 **General.** The Nineteenth Meeting of the Technical Advisory Group on Machine Readable Travel Documents (TAG-MRTD) was held at ICAO Headquarters, Montréal, Canada, from 7 to 9 December 2009. Messrs. Raymond Benjamin, Secretary General of ICAO, and Jaime Antonio Aparicio Borjas, Chairman of the Air Transport Committee (ATC), opened the plenary meeting and welcomed the participants. Recognizing the value of the expertise of the TAG-MRTD to ICAO, the Secretary General expressed great satisfaction with its work and the output of its working groups, including developing and updating the provisions in Document 9303 — *Machine Readable Travel Documents*, and intensified MRTD capacity building efforts. The Secretary General announced that electronic versions of all parts of Doc 9303 are now available free of charge on the MRTD Programme website (<http://www2.icao.int/en/mrtd>), and expressed his hope that this would add to the universal implementation of MRTD specifications. The Chairman of the Air Transport Committee reinforced his welcome message by highlighting the fact that the success of the MRTD Programme was due largely to the continuing efforts and high-level support of TAG-MRTD members and observers.

1.2 **Attendance.** The meeting was attended by 45 members/advisers of the TAG-MRTD, as well as 23 observers from 15 ICAO member States and nine observers from five international organizations. The attendance list is provided in Appendix A.

1.3 **Officers and Secretariat.** Ms. Annette Offenberger, New Zealand, was elected as the Chairperson of the meeting. Mr. Mauricio Siciliano, MRTD Officer, Aviation Security and Facilitation Policy (SFP) Section, ICAO, was the Secretary of the meeting. He was assisted by Mr. Erik Slavenas and Ms. Judy Poon. Mr. Steven Berti, Chief, SFP Section, was also present at the opening of the meeting.

1.4 **Agenda of the TAG.** The TAG-MRTD adopted the following agenda:

- Agenda Item 1: ICAO Secretariat update
- Agenda Item 2: Activities of the New Technologies Working Group
- Agenda Item 3: Activities of the Implementation and Capacity Building Working Group
- Agenda Item 4: Implementation of the Public Key Directory
- Agenda Item 5: Country and Organization Reports
- Agenda Item 6: Other Business

1.5           **Documentation.** Fifteen working papers and five information papers were submitted for consideration by the meeting, as listed in Appendix B.

1.6           **Working arrangements and procedures.** The meeting was conducted in English.

## 2.       **AGENDA ITEM 1: ICAO SECRETARIAT UPDATE**

2.1           Mr. Siciliano, ICAO, briefed participants on activities since the last meeting of the TAG-MRTD. In July 2009, the MRTD Programme was enhanced and the number of staff members increased, which assisted in supporting and expanding MRTD-related activities, in close partnership with the Implementation and Capacity Building Working Group (ICBWG), as well as partner international organizations, including the Inter-American Committee on Terrorism (CICTE), the International Organization for Migration (IOM), Interpol, the Organization of American States (OAS), the Organization for Security and Co-operation in Europe (OSCE) and the United Nations Counter Terrorism Committee Executive Directorate (UNCTED). These steadfast partnerships, under the coordination of the ICBWG, assisted in the provision of technical assistance to 51 States. A number of these activities were discussed in recent issues of the MRTD Report.

2.2           Ongoing activities included assistance to the UN Travel Office in upgrading the UN laissez-passer to an electronic machine readable travel document (eMRTD), assisting the United Nations High Commissioner for Refugees (UNHCR) with updating the Convention Travel Documents to achieve ICAO compliance, and project developments, including assisting a number of States identified by the ICBWG Environmental Scan as having significant capacity gaps. Donor liaison and funding requests for capacity building projects were also intensified, including the submissions of project proposals to the G8 meeting in Palermo, Italy, as well as a forthcoming appeal to United States agencies to present a number of initiatives, including the ICBWG fund. An MRTD vocational training strategy outline and options for its implementation are also being considered. Mr. Siciliano further briefed participants about regional seminars and technical consultations on MRTD, identity management and related matters held worldwide, often with partner organizations.

2.3           Finally, Mr. Siciliano noted that the Fifth MRTD Symposium, held from 21 to 23 September 2009, which featured high-level speakers with key policy messages, had served as a platform to confirm ICAO's leadership on MRTD-related matters and to develop an agenda for the future. In particular, the Symposium launched MRTD Vision 2020, a consultative process aimed at identifying and outlining the needs of all stakeholders, in order to maintain the relevance of the MRTD Programme for the next decade. Plans for 2010 include regional seminars and further technical consultations, upcoming issues of the MRTD Report, and the use of secure Sharepoint platforms for the TAG-MRTD, ICBWG, New Technologies Working Group (NTWG), and Vision 2020, in order to facilitate online communications between MRTD stakeholders.

## 3.       **AGENDA ITEM 2: ACTIVITIES OF THE NEW TECHNOLOGIES WORKING GROUP (NTWG)**

### 3.1       **Report of the NTWG**

3.1.1       Mr. Gary McDonald, Canada, Chair of the NTWG, briefed participants on the work of the NTWG since TAG-MRTD/18, as well as the group's strategic vision, new work items and future activities. He stressed that the scope of the NTWG's work is no longer limited solely to MRTD

specifications but has been expanded to cover identity management and that this is likely to continue. The NTWG's work resulted in 11 working papers and three information papers to be presented at TAG-MRTD/19.

3.1.2 New work items identified for the NTWG include breeder documents and civil registries, machine-assisted security verification at borders, and temporary travel documents. Inter-agency and cross-border data sharing has also become an item of particular importance.

3.1.3 The TAG-MRTD noted the work of the NTWG to date and the approach it had taken, and approved in principle the future direction and activities of the NTWG as outlined in paragraph 4 of WP/1.

### 3.2 **Revision of the Logical Data Structure Technical Report**

3.2.1 Ms. Marianne Kilgannon-Martz, United States, discussed the Logical Data Structure Technical Report and clarified a number of issues in Version 2.0 of the report, as well describing its status and requesting endorsement to proceed. Research focused on creating and distributing a stakeholder survey, holding meetings and discussions with stakeholders, and crystallising an action plan based on the knowledge generated by stakeholders' inputs.

3.2.2 A number of participants' comments highlighted the importance of successful communication with stakeholders to raise awareness of the costs and benefits of electronic Machine Readable Passports (eMRPs). Suggestions were made to expand the number of States asked to contribute to the survey. The OSCE offered their counter-terrorist network contact information, to circulate information and questionnaires if required.

3.2.3 The TAG-MRTD approved continuation of the NTWG's research and development work for revision of the Logical Data Structure and the development of a Technical Report for subsequent consideration and adoption by the TAG/MRTD, and agreed that the report will be guided by the programme plan and timeline outlined in WP/2.

### 3.3 **Towards Better Practice in National Identity Management**

3.3.1 Mr. Willem Ronald Belser, the Netherlands, presented one of the new work items of the NTWG, the importance of breeder documents and civil registries. While MRTD specifications are well established in Doc 9303, little international regulation, if any, applies to breeder documents. The paper called for a global focus on weaknesses in breeder documents and civil registries, as they are a significant remaining security vulnerability that can compromise MRTDs and eMRTDs.

3.3.2 Participants reached the consensus that breeder documents and civil registry gaps require additional attention and global efforts to codify best practices, so that this knowledge may be used for action and capacity building worldwide. While ICAO has no direct mandate to address breeder document norms, the TAG-MRTD agreed that addressing such norms is a legitimate and important area for ICAO involvement, as remaining security vulnerabilities may compromise MRTDs and eMRTDs, and that the upcoming 37th Assembly in 2010 might be a good opportunity to address this issue and for States to encourage ICAO to work in this direction. It was also noted that the cost implications and diversity of existing practices worldwide should be considered when developing breeder document norms, as high costs or unreasonably high standards might hinder the universal implementation of such norms.

3.3.3 The TAG-MRTD acknowledged the importance of the breeder document issue and the necessity to undertake a review for enhancement and improvement, and authorised the NTWG to engage in work directed to those ends and to develop approaches as outlined in WP/3, with the view of approaching the TAG-MRTD for further clarification and sanctions if needed.

### 3.4 Supplemental Access Control

3.4.1 Mr. Thomas Kinneging, International Organization for Standardization (ISO), presented a technical report on Supplemental Access Control measures to complement Basic Access Control, and options for their implementation. He outlined the features of Password Authenticated Connection Establishment (PACE), which is the foundation of Supplemental Access Control, and proposed an implementation strategy.

3.4.2 A representative from Japan expressed thanks and appreciation for the significant work completed and suggested that until the PACE patent issue is resolved, the TAG-MRTD ought to be cautious before promoting Supplemental Access Control. It was proposed that paragraph (b) of action by the TAG-MRTD in WP/4 be carried over to the next TAG-MRTD meeting.

3.4.3 A representative from the Russian Federation expressed support for the position of Japan.

3.4.4 The member from Australia suggested that while he was inclined to agree with the position of Japan and the Russian Federation, delay of the consideration would run the risk of compromising the privacy feature the electronic passport (ePassport) and, while it might not be an issue of concern in the immediate future, could evolve into a concern within the lifetime of the ePassport. The recommendations in WP/4 were supported by Australia.

3.4.5 The observer from Ireland supported Australia's position with regard to the recommendations and suggested that the TAG-MRTD accept them since, if significant difficulties are encountered, the implementation of Supplementary Access Control may still be aborted.

3.4.6 A representative from the United Kingdom supported the positions of Australia and Ireland, and highlighted risks to current protection, hence the importance of doing as much as possible to develop further protection measures.

3.4.7 A representative from the Netherlands mentioned that the protocol was quite recent and had not yet been scrutinised by the research community, and that further research would be needed before further implementation.

3.4.8 A representative from the United States confirmed the need for Supplementary Access Control in principle. However, the United States did not recommend including the technical report in Doc 9303 at this time, given the ambiguity of the PACE patent issue. The technical issue is still to be resolved by the NTWG.

3.4.9 A representative from New Zealand suggested approving the recommendations without postponing the issue to the next TAG-MRTD meeting. A compromise approach was suggested.

3.4.10 The Chair of the NTWG noted that, in fact, the NTWG was specifically requesting that the TAG-MRTD permit them to resolve the technical issues before Supplementary Access Control is applied. As the PACE patent issue would soon be resolved, it was not worthwhile to delay the decision until the next TAG-MRTD meeting. The Chair of the NTWG reconfirmed his confidence in the

cryptographic experts working on the issue and called on TAG-MRTD members to take these arguments into account before making a decision.

3.4.11 The Secretariat clarified that the Chairperson of the TAG-MRTD carries on his or her duties and powers until the next meeting and that, should the need arise, the Chairperson may be contacted subsequent to the meeting if a decision has not been made. A voting procedure might also be used where appropriate.

3.4.12 The TAG-MRTD recognised the need to specify an access control mechanism supplementary to Basic Access Control and mandated the NTWG to negotiate solutions with respect to the patent issue and to incorporate their conclusion into the final version of the technical report on Supplementary Access Control. The TAG-MRTD approved, in principle, the technical report on Supplemental Access Control, containing this specification for inclusion in Doc 9303, subject to proposed changes by the NTWG to the Chairperson within one year and subject to the Chairperson's approval.

3.4.13 The TAG-MRTD agreed to advise States on the implementation of Supplemental Access Control in eMRTDs and inspection systems within a period of five years from the date of WP/4, and to advise States regarding progress on the patent issue.

3.4.14 A representative from Germany requested clarification regarding "approval in principle" and suggested a period of further reflection before a final decision was made. The Chairperson of the TAG-MRTD elaborated that agreement in principle meant that the recommendations were adopted but were still subject to the approval of the Chairperson following the TAG-MRTD meeting and that additional consultations might be held if required. Voting also remained an option, if required.

3.4.15 The Chair of the NTWG expressed his view that such a decision was the quickest way to move forward and that the NTWG would take the issues raised into account and work towards their resolution before submitting the final report for the approval of the Chairperson of the TAG-MRTD.

3.4.16 The Secretariat, responding to a request for further clarification from a representative of the Russian Federation, noted that once the report is presented to the Chairperson of the TAG-MRTD, it will be shared with TAG-MRTD members and observers on the secure website, inviting their comments or reservations. If no reservations are received by a given date, the report will be considered as approved. Otherwise the voting procedure may be required.

### **3.5 Integrating Supplement Information Into Doc 9303**

3.5.1 Mr. Thomas Kinneging, ISO, briefed participants on the prospect of integrating the Supplement into the next edition of Doc 9303. The TAG-MRTD confirmed the importance of this work and expressed its hope that as Doc 9303 is now available online, updates may be made easier and more frequently. However, it was recognised that editing and translating the new edition into all six official ICAO languages will take some time.

3.5.2 The TAG-MRTD also confirmed the new NTWG work item concerning Supplement clean-up activity, and approved the publication of revised editions of all three parts of Doc 9303 at the same time.

### **3.6 Transliteration of Arabic**

3.6.1 Mr. Michael Ellis, ISO, brought the TAG-MRTD up to date concerning the development of transliteration tables for the Arabic language. He outlined the transliteration and transcription challenges encountered and lessons learned and provided some informal feedback from Arabic-speaking States.

3.6.2 Discussions highlighted the importance of consensus from Arabic-speaking States, and the Secretariat's role in liaising with States in this matter, as well as the importance of such consensus and the role of the Secretariat with regard to other scripts.

3.6.3 The TAG-MRTD noted that the technical work required to finalise transliteration rules and a table for use of the Arabic language in the machine readable zone was largely complete. The recommendation for adoption of the proposed scheme was deferred pending further consultation and consensus among Arabic-speaking States, to be led by the Secretariat. The TAG-MRTD proposed to expand this initiative and methodology to include other languages.

### 3.7 **Electronic Immigration Clearances**

3.7.1 Mr. Raymond Gillis, Canada, proposed that the term Electronic Immigration Clearances for Travel, Entry and/or Stay (EICTES) be used instead of eVisa, to be approved by the TAG-MRTD, in order to highlight the management of travellers to States.

3.7.2 A number of States had expressed interest in EICTES, including enhancing their interoperability world-wide. As part of their work on EICTES, the NTWG will suggest possible areas for ICAO informative guidance on the development of EICTES, and examine potential areas where standardisation may be desirable. The Secretariat noted that it had been approached by States and the World Tourism Organization with regard to exploiting the security and facilitation benefits of EICTES. Australia's ETA and eVisa were often quoted as a success story. It would be helpful for the NTWG to continue its work on codifying EICTES solutions and best practices, which could be promoted and replicated in other States with ICAO's assistance.

3.7.3 The TAG-MRTD approved continuation of the ongoing research and development work conducted by the NTWG regarding EICTES and their potential application to the ICAO community, and the development of a technical report on these matters for subsequent consideration and adoption by the TAG-MRTD.

### 3.8 **Placement of Data on TD-1 Cards**

3.8.1 Mr. Jozef M. J. Broekhaar, IOM, briefed participants on new solutions, including a bar code, being considered for the placement of essential information in the machine readable zone of TD-1 cards. Trials had demonstrated that current TD-1 cards were causing considerable delays and inconvenience, especially when scanned by passengers at self-service kiosks.

3.8.2 A representative from New Zealand suggested considering the abolition of the signature on TD-1 cards.

3.8.3 The TAG-MRTD noted the work that had been done to date on the technical report follow-up research, and recognised the importance of border officials or passengers at self-service kiosks reading both electronic and non-electronic identity documents in an efficient and non-intrusive way. The TAG-MRTD would seek methods for creating synergy in reading ICAO-compliant travel documents, and approved further work to be carried out on the suggested approaches.



### 3.9 **G8 Project on the Use of ePassports in Border Processing**

3.9.1 Ms. Nicoletta Bouwman, Canada, briefed participants on the efforts of a Canada-led G8 project aimed at examining national practices of using ePassports at border control, as well as the challenges encountered and lessons learned. The importance of compliance with ICAO specifications, in order to enhance the global readability of ePassports, was highlighted and a number of additional recommendations were produced.

3.9.2 The TAG-MRTD recognised the efforts of the G8 project in promoting the security enhancements brought about by verifying ePassports at borders and recognizing the importance of the ICAO Public Key Directory (PKD), and supported future research in this area to evaluate progress, assess requirements for new technologies, and determine where support may be needed.

### 3.10 **Machine Assisted Document Security Verification**

3.10.1 Mr. Gary McDonald, Canada, presented the prospects of machine-assisted document security verification. The work was carried out by Dr. Uwe Seidel, Germany, who was unable to participate in the meeting. Mr. McDonald noted the technological advances of passport readers, which offer new opportunities for using MRTD verification features. However, the lack of interoperability remains an issue that undermines such opportunities, which would benefit from a standardised approach. The paper outlined a number of solutions that could enhance traditional travel document examination and verification. If adopted, they are likely to remain optional features for the foreseeable future.

3.10.2 The member from Germany suggested replacing the first line of page A-15 to read as follows: “Today, literally several MRTDs...” (change underlined) and further suggested that all PKD matters should be referred to the PKD Board for approval.

3.10.3 The TAG-MRTD acknowledged the work conducted to date on machine authentication as documented in WP/10, approved the considerations listed in WP/10 as guidelines for future work on machine authentication, approved the ongoing activities of the NTWG on this issue and aimed to develop a technical report for the next TAG-MRTD meeting, containing best practice recommendations for the use of machine authentication. The content of this technical report will later be included as an Informative Annex to Section III of Doc 9303.

### 3.11 **Standards for Emergency/Temporary Passports**

3.11.1 Mr. Robin Chalmers, United Kingdom, briefed participants on current challenges related to the issuance of emergency/temporary passports, highlighting the lack of international regulation in producing and issuing such travel documents, as well as their security vulnerabilities, which constitute a weak link in the overall chain of identity management. The paper outlined a number of areas that could be codified and developed into Standards or Recommended Practices, in order to enhance the security of travel documents and prevent their exploitation for identity fraud purposes.

3.11.2 The TAG-MRTD agreed that there is a need to develop specifications and best practices for emergency travel documents, in order to protect them from potential abuse, and approved further work to be carried out by the NTWG to develop a set of specifications or best practices, with the aim of including them in a forthcoming Supplement and in the next edition of Doc 9303, Volume 1.

#### **4. AGENDA ITEM 3: ACTIVITIES OF THE IMPLEMENTATION AND CAPACITY BUILDING WORKING GROUP (ICBWG)**

##### **4.1 Report of the ICBWG**

4.1.1 Mr. David Philp, New Zealand, briefed participants on the ongoing activities and main outputs of the ICBWG since its creation, including the ICBWG Business Plan, outreach and information materials, assessment tools, prioritisation methodology, project development, and country reports. He highlighted the need for a broader pool of expertise and the closer involvement of additional government agencies. The demand for assistance from the ICBWG has grown and, as their workload increases, it is evident that additional contributors are required. The TAG-MRTD were encouraged to consider the closer involvement of their agencies in the work of the ICBWG, in particular, in carrying out assessments and providing technical advice in MRTD-related fields. Other priority areas include coordinating communications across the MRTD Programme and source funding for ICBWG capacity building activities, including intensified donor liaison. Mr. Philp reconfirmed the ICBWG's commitment to work closely with the Secretariat in order to develop clearer guidance concerning the group's role in capacity building projects, the involvement of the private sector and vocational training principles for launching MRTD-related training programmes.

4.1.2 Participants inquired about the current status of non-compliance with MRPs and suggested that political pressure ought to be asserted on non-compliant States, while maintaining technical cooperation dialogues with such States. Mr. Philp elaborated that, while the 1 April 2010 deadline for the issuance of MRPs was approaching, new States were being engaged and that MRP compliance assistance efforts were being expanded.

4.1.3 The Secretariat highlighted the importance of regional events and technical consultations, which offer an opportunity for fact-finding regarding capacity gaps, as well as to provide technical assistance and to enhance knowledge of ICAO Standards in States requiring assistance. The Secretariat raised concerns about the mechanism for participation from the private sector in the ICBWG, other than the one already established through the ISO.

4.1.4 The TAG-MRTD noted the activities and outputs of the ICBWG to date, and approved in principle the group's ongoing work.

##### **4.2 ICBWG Terms of Reference**

4.2.1 Mr. David Philp, New Zealand, presented the ICBWG Terms of Reference. A concern was raised as to whether or not the terms are too ambitious in scope, given limited resources. Mr. Philp noted that, while their scope is broad, the group's work is focused and prioritised by its Business Plan. As the ICBWG and its activities continue to expand, narrowing the group's mandate would be shortsighted, as changes would likely be required in the future.

4.2.2 The Secretariat recommended maintaining a broad mandate for the ICBWG, particularly since the scope of its work has expanded into other areas, such as overall identity management and the prevention of travel document fraud.

4.2.3 The TAG-MRTD endorsed the ICBWG Terms of Reference as final.

##### **4.3 ICBWG Business Plan 2009 – 2011**

4.3.1 Mr. David Philp, New Zealand, presented the ICBWG Business Plan for 2009 – 2011. The plan is outcome-based, with results organized around six outcome areas, and is aligned with the ICAO Business Plan.

4.3.2 Participants inquired as to how the ICBWG was performing against its 2009 targets and suggested elaborating on performance indicators. Mr. Philp noted that particularly good results had been achieved in the production of guidance and reference materials, although additional funding and contributing members – especially government-level expertise – were still required to make the group's work more effective. For instance, ICBWG capacity gap assessments for the next two years require a budget of approximately USD\$250,000. Mr. Philp drew attention to the fact that the Business Plan has some performance indicators, but agreed that these could be further elaborated.

4.3.3 A representative from Germany suggested producing a compendium for ICBWG projects, outlining needs for expertise and donor funding, to provide States with a systematic picture of project needs for potential contributions.

4.3.4 The Secretariat noted that it had recently developed a secure website for sharing project proposals with the donor community and implementing agencies. While the original emphasis was on aviation security and safety, the website had been expanded to include MRTD-related capacity building projects, and this could be a useful tool for ICBWG liaison with donors and implementing agencies.

4.3.5 Mr. Philp highlighted the importance of making Doc 9303 available free of charge, and described it as a significant step forward in promoting universal MRTD implementation and facilitating the access of developing States to this important reference material, noting as well that the availability of Doc 9303 is of considerable assistance to the work of the ICBWG.

4.3.6 The TAG-MRTD noted the content of the ICBWG Business Plan 2009 – 2011 and endorsed the outlined strategic directions and activities. The performance indicators are to be elaborated and the document updated as required.

#### 4.4 **Guide for Assessing Security of Handling and Issuance of Travel Documents**

4.4.1 Ms. Nicoletta Bouwman, Canada, briefed participants on the structure and purpose of the Guide for Assessing Security of Handling and Issuance of Travel Documents, which may be used for self assessment by passport issuing authorities or by qualified assessors and to assess other States, for instance for visa waiver purposes. The guide consists of two parts, relevant best practices and assessor tools, with questions that refer to the best practices. The guide is currently available in English and French and the IOM are exploring options of having the guide translated into Spanish.

4.4.2 Participants complimented the well-executed guide and its solid contribution to capacity building efforts worldwide. It was noted that various systems of entitlement ought to be included in future editions of the guide. It was suggested that translation into other languages should be considered and that the Secretariat could approach States with a request to sponsor translations.

4.4.3 The TAG-MRTD approved the guide and supporting documents, as well as commencement of the necessary steps for official publication and promotion of the guide, and requested that it be made available on the ICAO website. The guide is to be updated every two years or sooner, if required, and translations into additional languages are to be handled through the Secretariat.

#### 4.5 **Tools for Keeping the ICBWG Informed**

4.5.1 Mr. David Philp, New Zealand, presented the two tools developed by the ICBWG to facilitate access to up-to-date information on States in relation to travel documents and border control: the Travel Document Assessment Matrix, designed to provide ICAO with each State's status and capacity to issue MRTDs and eMRTDs; and the Border Control Systems and Processes Matrix, which focuses on border control capacity.

## **5. AGENDA ITEM 4: IMPLEMENTATION OF THE PUBLIC KEY DIRECTORY**

### **5.1 Public Key Directory**

5.1.1 Dr. Eckart Brauer, Germany, briefed participants on the developments related to the PKD since TAG-MRTD/18, outlining the purposes and functions of the PKD, financial and administrative arrangements related to States' accessions to the PKD, the newest member States and the role of the PKD Board.

5.1.2 Participants recognised the PKD Board's proactive attitude and outreach activities, which had brought tangible results, and inquired whether, given limited PKD membership, the system is able to offer significant security and interoperability benefits worldwide. Dr. Brauer noted that membership would increase considerably once OSCE States joined the PKD, but that additional promotional and outreach activities were needed. The European Union, including the European Border Fund, are likely to contribute financially to member States' participation in the PKD.

5.1.3 A representative from the Czech Republic raised the issue of the importance of having a PKD backup centre in Europe, and invited the TAG-MRTD to consider Prague as an option. Dr. Brauer noted that this was a valid consideration and that the Czech Republic was welcome to send a proposal to the PKD Board, but that the main constraint to bear in mind was to keep membership costs low, and that adding a backup centre would raise these costs for each user.

5.1.4 The TAG-MRTD noted the current status of the PKD.

## **6. AGENDA ITEM 5: COUNTRY AND ORGANIZATION REPORTS**

6.1.1 Mr. David Philp, New Zealand, briefed participants on the latest generation of New Zealand passports, including booklet structure, security features, and application and issuance procedures, as well as implementation challenges and solutions.

6.1.2 Mr. Christopher Hornek, OSCE, briefed participants on the recently adopted OSCE Ministerial Decision on PKD, the planned OSCE workshop on promoting the PKD to be organised jointly with ICAO in May 2010 in Vienna, and ongoing OSCE capacity building efforts in the OSCE regions, some implemented jointly with Interpol and the IOM.

6.1.3 Ms. Brenda Sprague, United States, informed participants of current challenges and solutions regarding passport issuance, as well as the difficulties posed by fluctuations in demand and the unrealistic expectations of applicants. She noted that there had been a major increase in passport processing staff, but that new recruits have limited experience, and concluded with a briefing on the new United States passport card for land crossings and the current debate on its use for air travel to Canada.

6.1.4 Mr. Robin Chalmers, United Kingdom, presented an overview of the main developments in the United Kingdom, stating that the first national identification cards were being issued, which are ICAO-compliant, voluntary and issued on a limited basis. As well, he stated that the new generation of United Kingdom passports, produced by De La Rue, would begin to be issued in autumn 2010.

6.1.5 Mr. David Westgate, United Kingdom, briefed participants on document fraud dynamics in the United Kingdom and the increasing use of impersonation at borders, and noted the significant increase in technical capabilities for the production of forged documents.

6.1.6 Mr. Randy Jordan, Canada, briefed participants on the significant increase in applications for passports, chiefly resulting from the requirement to present a passport when crossing the border with the United States. Passport Canada expects to issue approximately 5 million passports in 2010. The representative noted that Canada has been an active member of the PKD, as well as noting that Canada is about to issue Service and Diplomatic ePassports.

6.1.7 Mr. Dominique Gatinet, France, briefed participants on the establishment of a new passport issuance agency and capturing facilities in 1,400 locations, as well as the issuance of the new French passport, which will contain two biometric features, as requested by the European Union. He further addressed France's participation in the PKD and document fraud developments.

## **7. AGENDA ITEM 6: OTHER BUSINESS**

### **7.1 Results of Logical Data Structure Meeting**

7.1.1 Ms. Marianne Kilgannon-Martz, United States, briefed participants on the results of an ad hoc meeting on the Logical Data Structure, which concluded that results from additional member States are required, in order to obtain a more inclusive and complete result for the survey. Further, both passport and border control agencies, as well as airport authorities and airlines, need to be included.

### **7.2 Status of the MRTD Communications Strategy**

7.2.1 Mr. David Philp, New Zealand, reminded participants that many communications-related matters had been discussed at TAG-MRTD/18 and that there was still a need to establish a comprehensive MRTD Communications Strategy. Mr. Philp highlighted the fact that the Secretariat, together with the ICBWG, had been working on a draft MRTD Communications Strategy.

7.2.2 The Secretariat briefed participants regarding progress, noting that the draft strategy attempted to identify stakeholders and outline the main messages to each stakeholder group, as well as delivery techniques. Feedback had already been received from the ICBWG and two areas requiring development had been noted: the "division of labour" or responsibility of each role; and internal communications, for example between the ICAO Council, TAG-MRTD working groups and the Secretariat. The TAG-MRTD was invited to provide comments on the current draft. Once complete, a final draft will be submitted for the consideration of the TAG-MRTD.

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**APPENDIX A**

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

**NINETEENTH MEETING**

**Montréal, 7 – 9 December 2009**

**ATTENDANCE LIST**

**MEMBERS AND ADVISERS**

**AUSTRALIA**

Mr. Ross M. Greenwood	Member	Assistant Secretary, Passport Business Improvement and Technology Branch, Department of Foreign Affairs and Trade
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Mr. Ben Hiller	Assistant Programme Officer, Action Against Terrorism Unit, OSCE Secretariat
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## APPENDIX B

### TECHNICAL ADVISORY GROUP ON MACHINE READABLE TRAVEL DOCUMENTS

#### NINETEENTH MEETING

Montréal, 7 – 9 December 2009

#### LIST OF WORKING AND INFORMATION PAPERS SUBMITTED TO THE MEETING

Working Paper No.	Power Point	Agenda No.	Subject/Work Item	Author
1	Yes	2, 2.1	Activities of the NTWG	Gary K. McDonald
2		2, 2.2	Revision of the Logical Data Structure Technical Report	Barry Kefauver
3	Yes	2, 2.3	Towards Better Practice in National Identity Management	Willem Ronald Belser
4		2, 2.4	Supplemental Access Control	Thomas Kinneging
5		2, 2.5	Integrating Supplement Information into Doc 9303	Thomas Kinneging
6		2, 2.6	Transliteration of Arabic	Michael Ellis
7	Yes	2, 2.7	Electronic Immigration Clearances	Raymond Gillis
8		2, 2.8	Placement of Data on TD-1 Cards	Jozef M. J. Broekhaar
9	Yes	2, 2.9	G8 Project on the Use of ePassports in Border Processing	Nicoletta Bouwman
10	.pdf only	2, 2.10	Machine Assisted Document Security Verification	Uwe Seidel
11	Yes	2, 2.11	Standards for Emergency/Temporary Passports	Robin Chalmers
12	Yes	3, 3.1	Report of the ICBWG	David Philp
13	Yes	3, 3.2	ICBWG Terms of Reference	David Philp
14	Yes	3, 3.3	ICBWG Business Plan 2009-2011	David Philp
15	Yes	3, 3.4	Guide for Assessing Security of Handling and Issuance of Travel Documents	Nicoletta Bouwman
<b>Information Paper No.</b>				
1		2, 2.12	Supplemental Access Control Patent Consideration	Thomas Kinneging
2		2, 2.13	Technical Report Logical Data Structure and Public Key Infrastructure Maintenance	Thomas Kinneging
3	Yes	2, 2.14	Reinforcement of Compliance in the Production of Machine Readable Passports	Robin Chalmers
4		3, 3.5	ICBWG Outcome	David Philp
5	Yes		Public Key Directory Presentation	Eckart Brauer

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