

PKD Board Annual Report 2012

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PKD Board Discussion Paper

Forwarded by: 2012 Chairperson

Reference Document(s): PKD Board Annual Report 2011 dated 08.02.2012

BACKGROUND

The MoU, Attachment C, paragraph 1.2 states the following.

"1.2 The PKD Board is the standing body responsible for the ICAO PKD. Its duties will include:

...

j) submit to the Participants an Annual Report on its activities and other relevant issues in the preceding year on or before 31 October;"

PURPOSE

This Discussion Paper is intended to fulfil the MoU requirement.

URGENCY

The matter should be dealt with between meetings.

PROPOSAL**PKD Board Annual Report 2012****Purpose**

Based on and in continuation of the PKD Board Annual Report 2011 the present Annual Report gives an overview of the development of the PKD as well as important activities of the PKD Board for the year 2012.

PKD Board Meetings

The PKD Board held two ordinary meetings (May in Hangzhou, China / October in Windsor, United Kingdom). In the course of the meeting in May, the 2012 Chairperson was elected (Mr. Roman Vanek, Switzerland).

Operational Contract

During 2012 as the first year within a three years validity period the operational contract has again proven to be a solid basis for the smooth and sustained technical operation of the PKD. The financial regulations that were introduced with the contract and that are outlined in the Annual Report 2008 were successfully applied.

In the course of the meeting in October 2012, the PKD Operator, Netrust, announced that following the addition of the 31st PKD Participants the Operator fee will be reduced to 34,000

US\$ p.a. effective 1 January 2014 and an additional PKD Operator fee reduction will be realized at 65 PKD Participants.

For the first time the PKD Board installed a sub-committee. This committee is referred to as the Contract Support Group (CSG). The CSG handles the tender process for the next PKD operational contract as of 2015 and is chaired by the Netherlands. The CSG reports to the PKD Board on a regular basis.

Technology

The consolidation and implementation of a procedure to handle non-standard conformant PKD contents was again the focal point of efforts to establish the PKD as the implemented operational reference for ICAO Document 9303.

Since 10 May 2012 non-conforming certificates are published in a separate branch ("dc=non-conformant, dc=pkdDownload". In order to allow for a smooth transition to the new PKD a parallel run of the old and new system will last until at least 4 February 2013.

The PKD started operations in March 2007 and since this time the PKD operational equipment at the ICAO Headquarters is depreciated. Despite constant effort of maintenance and update the PKD Board prepared for a complete technology refresh. In September 2012, the technology refresh was completed. The different refresh measures assure the availability of the PKD equipment at the ICAO Headquarters for the coming years.

Six commercial vendors subscribed the PKD Vendor Test Bench that resembles the live PKD environment. With the test bench it is in particular possible to test the connectivity, the conformance checks, the up- and downloads as well as the LDIF checksum functionality. This assistance at a one-time subscription rate of 9,600 US\$ helps in customizing systems to the PKD. The PKD Vendor Test Bench subscription is therefore a competitive advantage in the field of PKI business.

Participation / PKD Usage

In the course of 2012 the five new PKD Participants United Nations, Spain, Russian Federation, Malaysia and Argentina were welcomed.

Together with Australia, New Zealand, the United States, Canada, the United Kingdom, Japan, Singapore, Germany, Republic of Korea, France, China, Kazakhstan, India, Nigeria, Switzerland, Ukraine, Latvia, Czech Republic, Macao / China, United Arab Emirates, Hong Kong / China, Slovakia, Netherlands, Morocco, Austria, Hungary, Norway, Bulgaria, Luxembourg and Sweden there were thirty five (35) PKD Participants at the end of 2012.

Based on figures made available by the ICAO New Technologies Working Group (NTWG) it is estimated that the certificates of about 74 % of all ePassports issued are available through the PKD.

Also the number of available certificates has been constantly growing and the number of PKD "Downloaders" has increased as presented in the following table.

	Document Signer Certificates	Certificate Revocation Lists	CSCA Master Lists	Downloaders
December 2011	2293	16	2	26
December 2012	2707	17	3	46

Events

In October 2012 a PKD Workshop has been held within the 8th Symposium and Exhibition on ICAO MRTDs, Biometrics and Security Standards in Montreal. In April 2012 and November 2012 this workshop has been held again within the ICAO Regional Seminar on MRTDs, Biometrics and Border Security in Rio de Janeiro, Brazil and Victoria Falls, Zimbabwe. Both workshops enjoyed a high attendance and were directed towards the practical steps on how to make PKD participation effective.

In October 2012, prior to the PKD Board meeting in Windsor, United Kingdom, for the first time an ICAO PKD Borders Day has been held. This event turned out to be a great success and provided an important contribution to the understanding of the requirements for ePassport controls. It was attended by 84 participants, from 32 States and non-State entities and 4 organisations - ICAO, European Commission, Frontex and OSCE.

Administration

The Procedure to Determine the PKD Board Composition continues to be applied at all meetings. The changes in the PKD Board's composition showed that representation of a PKD Participant by a PKD Board Member can neither be taken for granted nor is it impossible to reach.

In 2012 the PKD Officer was charged with additional duties in order to ease the workload of the Chairperson. Additionally, the PKD Board agreed to support the creation of a new PKD post at ICAO.

For 2012, some of the ICAO PKD-related administrative costs (222,000 US\$) were funded by the 2011 ICAO Regular Programme Budget surplus. This funding reduced the overall costs per PKD Participant in the current year by about 19 %.

To allow easy and continued access to all PKD Board documents, a share point site was for the PKD Participants has been implemented (<http://portal.icao.int/>). Starting from the 16th Board Meeting a trial about its usability was implemented.

Conclusion

In 2012 the Contract Support Group (CSG) under the lead of the Netherlands was established. The CSG is mandated to lead the tender preparations for the next PKD service operator contract.

One of the highlights of 2012 was the announcement of the reduction of the annual PKD Operator fees starting 1 January 2014 (new fee: 34,000 US\$).

Participation has shown a consistent, constant growth over time. Discussions during the 16th PKD Board Meeting together with questions and remarks addressed towards the Chairperson at various occasions, showed that a further involvement of Border Control Authorities is needed and that the promotion efforts must also focus on the practical use of the PKD.

Mr. Roman Vanek
2012 Chairperson
(on behalf of the ICAO PKD Board)

28 March 2013

RECOMMENDATION

The PKD Board is invited to agree to the PKD Board Annual Report 2012.

The PKD Board is invited to agree to the publication of the PKD Board Annual Report 2012 on the PKD web site for download (cf. <http://www2.icao.int/en/MRTD/Pages/icaoPKD.aspx>).
