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

Fifteenth Meeting

(Montreal, 17 to 21 May 2004)

Agenda Item 3: Report of the New Technologies Working Group
Agenda Item 3.1 b): The Logical Data Structure (LDS)

SECOND EDITION OF TECHNICAL REPORT ON DEVELOPMENT OF A LOGICAL DATA STRUCTURE (LDS) FOR OPTIONAL CAPACITY EXPANSION TECHNOLOGIES ON MRTDs

(Presented by the New Technologies Working Group (NTWG))

1. BACKGROUND

1.1 During the Eleventh meeting of TAG/MRTD (Montreal, 1-3 September 1999), the structure and ordering of the Logical Data Structure for recording data to Optional Capacity Expansion Technologies on MRTDs was approved in principle by the TAG.

1.2 During its Twelfth and Thirteenth meetings (Montreal, 6-8 September 2000 and Montreal, 13-15 February 2002 respectively), the TAG/MRTD considered and agreed to the form and content of the First Edition of the Technical Report on Development of a Logical Data Structure (LDS) for Optional Capacity Expansion Technologies on MRTDs.

1.3 The TAG/MRTD further agreed that this First Edition would contain an initial format of the LDS; defined as LDS – Version 1.0, which would allow Contracting States and international organizations to commence immediate implementation of development work and pilot testing leading to the standardization of data recorded in optional capacity expansion technologies used for MRTDs.

1.4 The TAG-MRTD/14 (Montreal 5-9 May, 2003) agreed to the contents of the Logical Data Structure Technical Report, First Edition.

1.5 Since TAG/14, the NTWG, as part of its ongoing work program, has finalized the Second Edition of the Technical Report on Development of a Logical Data Structure (LDS) for Optional Capacity Expansion Technologies on MRTDs. This provides a programming framework for encoding data elements into the various optional data storage technologies approved for use with machine readable travel documents in ICAO Doc 9303. The primary emphasis in this document is the utilization of contactless chips. This document is being distributed separately.

2. CONCLUSION

2.1 In view of the importance of the Technical Report on Development of a Logical Data Structure (LDS) for Optional Capacity Expansion Technologies on MRTDs for ICAO Member States wishing to deploy MRTDs with optional capacity expansion technologies and recorded machine-assisted identity confirmation details, the TAG will wish to urge the ICAO Secretariat to publish the Second Edition of the Technical Report at the earliest possible date. This is defined as LDS - Version 1.6.

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