



**Twenty First Meeting of the
Informal South Pacific ATS Co-ordinating Group (ISPACG/21)**

Auckland, New Zealand, 6-8 March 2007

Agenda Item 3: Review relevant work conducted since last meeting.

**AMENDMENT PROPOSALS TO INCORPORATE THE REQUIRED COMMUNICATION
PERFORMANCE**

(Presented by the ICAO Asia/Pacific Regional Office)

SUMMARY

This paper provides a status update on the Required Communication Performance (RCP) requested by IPACG/24. ICAO State letter SP 52/4-06/41 – Recommendations of the first meeting of the Operational Data Link Panel (OPLINK/1), including recommendations for amendments to Annexes 2, 4, 6, 10, 11, 15, the PANS-ABC (Doc 8400) and the PANS-ATM (Doc 4444) has been issued for comments.

1. INTRODUCTION

1.1 On 28 April 2006, ICAO issued State letter SP 52/4-06/41 – Recommendations of the first meeting of the Operational Data Link Panel (OPLINK/1), including recommendations for amendments to Annexes 2, 4, 6, 10, 11, 15, the PANS-ABC (Doc 8400) and the PANS-ATM (Doc 4444).

2. DISCUSSION

2.1 The State letter comprises approximately 143 pages, including Attachments A through I, containing proposed amendments to the respective Annexes and PANS described above. Comments from States were requested by 18 August 2006.

2.2 Excerpts of the proposed amendments to Annexes 6 and 11, and PANS-ATM are appended as **Attachments A, B and C** to this paper, respectively.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the information.

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**PROPOSED AMENDMENT TO
ANNEX 6**

PART I — INTERNATIONAL COMMERCIAL AIR TRANSPORT — AEROPLANES

CHAPTER 1. DEFINITIONS

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Required communication performance (RCP). A statement of the performance requirements for operational communication in support of specific ATM functions.

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RCP type. A label (e.g. RCP 240) that represents the values assigned to RCP parameters for communication transaction time, continuity, availability and integrity.

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CHAPTER 7. AEROPLANE COMMUNICATION AND NAVIGATION EQUIPMENT

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7.1 Communication equipment

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7.1.3 For flights in defined portions of airspace or on routes where an RCP type has been prescribed, an aeroplane shall, in addition to the requirements specified in 7.1.1:

- a) be provided with communication equipment which will enable it to operate in accordance with the prescribed RCP type(s); and
- b) be authorized by the State of the Operator for operations in such airspace.

Note.— Information on RCP and associated procedures, and guidance concerning the approval process, are contained in the Manual on Required Communication Performance (RCP) (Doc xxxx). This document also contains references to other documents produced by States and international bodies concerning communication systems and RCP.

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(Note: This attachment was reproduced for reference during ISPACG/21. For any other purpose, Attachments to State letter SP 52/4/06-41 must be referred.)

**PROPOSED AMENDMENT TO
ANNEX 11**

CHAPTER 1. DEFINITIONS

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Required communication performance (RCP). A statement of the performance requirements for operational communication in support of specific ATM functions.

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RCP type. A label (e.g. RCP 240) that represents the values assigned to RCP parameters for communication transaction time, continuity, availability and integrity.

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CHAPTER 2. GENERAL

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2.8 Required communication performance (RCP)

2.8.1 RCP types shall be prescribed by States. When applicable, the RCP type(s) shall be prescribed on the basis of regional air navigation agreements.

2.8.2 The prescribed RCP type shall be appropriate to the air traffic services provided in the airspace concerned.

Note.— Applicable RCP types and associated procedures are published in the Manual on Required Communication Performance (RCP) (Doc xxxx).

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CHAPTER 6. AIR TRAFFIC SERVICES REQUIREMENTS FOR COMMUNICATIONS

**6.1 Aeronautical mobile service
(air-ground communications)**

6.1.1 General

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6.1.1.2 Where RCP types have been prescribed by States for ATM functions, ATS units shall, in addition to the requirements specified in 6.1.1.1, be provided with communication equipment which will enable it to provide ATS in accordance with the prescribed RCP type(s).

Note.— Information on RCP and associated procedures, and guidance concerning the approval process, are contained in the Manual on Required Communication Performance (RCP) (Doc xxxx). This document also contains references to other documents produced by States and international bodies concerning communication systems and RCP.

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**6.2 Aeronautical fixed service
(ground-ground communications)**

6.2.1 General

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6.2.1.2 Where RCP types have been prescribed by States for ATM functions, ATS units shall, in addition to the requirements specified in 6.2.1.1, be provided with communication equipment which will enable it to provide ATS in accordance with the prescribed RCP type(s).

Note.— Information on RCP and associated procedures, and guidance concerning the approval process, are contained in the Manual on Required Communication Performance (RCP) (Doc xxxx). This document also contains references to other documents produced by States and international bodies concerning communication systems and RCP.

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**PROPOSED AMENDMENT TO
PANS-ATM**

4.4. FLIGHT PLAN

4.4.1 Flight Plan Form

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4.4.1.4 An operator shall, prior to departure:

- a) ensure that, where the flight is intended to operate on a route or in an area where a required navigation performance (RNP) type is prescribed, the aircraft has an appropriate RNP approval, and that all conditions applying to that approval will be satisfied; and
- b) ensure that, where operation in reduced vertical separation minimum (RVSM) airspace is planned, the aircraft has the required RVSM approval; and
- c) ensure that, where the flight is intended to operate where a required communication performance (RCP) type is prescribed, the aircraft has an appropriate RCP approval, and that all conditions applying to that approval will be satisfied.

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