



**Agenda Item 7: Review of ICAO amendments and developments in Information Management**

**IMPACT ON AIS/AIM SERVICES OF THE RECENT AMENDMENTS TO ANNEXES 4, 15  
 AND DOC 10066 PANS-AIM**

(Presented by the Secretariat)

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| <b>SUMMARY</b>  |  |
| <p>This Study Note presents the analysis of the impact on AIS/AIM services of the adoption and approval of recent amendments to Annexes 4 and 15, as well as to the PANS-AIM, all with an expected implementation date of November 26, 2026.</p> <p>The amendments are mainly related to the harmonization of definitions in terms of performance-based navigation (PBN), which implies regulatory, operational and aeronautical data management adjustments.</p> |  |
| <b>References:</b>  |  |
| <ul style="list-style-type: none"> <li>• ICAO, Annex 4 – Aeronautical Charts, Amendment 63 (Charter</li> <li>• ICAO, Annex 15 – Aeronautical Information Services, Amendment 45 [Proposed... 5_Anexo 15   PDF]</li> <li>• ICAO, Doc 10066 – PANS-AIM, Amendment 5 [Amendment 5_PANS_AIM   PDF]</li> <li>• ICAO, Doc 9613 – PBN Manual</li> </ul>  |  |
| <b>ICAO Strategic objectives:</b>   | <p><i>A - All flights are safe and secure</i></p> <p><i>D - No Country Left Behind</i></p> |

**1. Introduction**

1.1 ICAO has recently approved a set of amendments to several Annexes and Procedures (PANS) that have direct implications on AIS/AIM services.

1.2 These amendments respond to the need to maintain the overall harmonization of concepts and definitions, particularly in relation to performance-based navigation (PBN), a key element of the modern ATM system.

**2. Discussion**

2.1 In March and April 2026, the ICAO Council adopted the following amendments:

- Amendment 45 of Annex 15 on 25 March 2026;

- Amendment 63 of Annex 4 on 25 March 2026;
- PANS-AIM Amendment 5 on April 22, 2026

2.2 All these amendments will take effect on 3 August 2026 and will be applicable from 26 November 2026.

2.3 The three amendments have as their main objective the harmonization of definitions related to area navigation (RNAV), specification for navigation and performance-based navigation (PBN). It is clarified that all area navigation operations are included in the PBN concept.

### **Impact on AIS/AIM**

2.4 The amendments adopted by the ICAO could be analyzed in the following items:

- a) Aeronautical Data Management
  - Updating definitions **in aeronautical databases**
  - Alignment with PBN concepts in:
    - AIP
    - AIP Data Sets
    - Instrumental procedures
- b) AIS Products (AIP, Letters, NOTAM)
  - Review of:
    - Aeronautical publications (ENR, AD, GEN)
    - Letters (Annex 4) with consistent inclusion of PBNs
  - Adjustments to the representation of RNAV/PBN routes on aeronautical charts
- c) Consistency between ICAO documents

The amendments seek to ensure coherence between:

  - Annexes (SARPs)
  - PANS AIM
  - Other PANS (e.g. PANSOPS)
  - **Positive impact:** improved interoperability and overall consistency

d) Regulation and compliance

States shall:

- Modify national regulations
- Notify Disputes (EFOD) by October
- Publish differences in the AIP (PANS AIM)

e) AIM processes (quality and traceability)

These amendments impact:

- Data Change Management
- Quality control and semantic consistency
- Traceability of definitions in AIM data

2.5 The Meeting should note that the amendments to Annexes 4, 15 and PANS-AIM constitute a globally harmonized update and that their impact on AIS/AIM is primarily conceptual, but with relevant operational and regulatory implications. But also, these amendments support the evolution towards a digital and interoperable AIM environment.

2.6 The meeting should also note that these amendments require coordinated action by States in relation to regulation, publications and data management.

### 3. Action Required

3.1. The Meeting is invited to:

- a) Take note of the information submitted;
- b) Urge States to plan for the implementation of the amendments by November 26, 2026;
- c) Promote the review of AIS publications and aeronautical databases;
- d) Assess the impact of these amendments on the AIM BBBs and the AIS-AIM transition;
- e) Share regional experiences on implementation and notification of differences.