



---

**Agenda Item 5: NOTAM contingency plans, AIS contingency plan for volcanic ash, AIM deficiencies, and the ICARD system**

**FOLLOW-UP TO 5LNC CODE MANAGEMENT**

(Presented by the Secretariat)

<b>SUMMARY</b>	
This working paper presents the improvements made in the management of 5LNC codes in CAR/SAM States.	
<b>Action:</b>	The suggested action is presented in Section 4.
<i>Strategic objectives:</i>	<ul style="list-style-type: none"><li>• Air navigation capacity and efficiency</li><li>• Economic development of air transport</li><li>• </li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• Annex 11 – Air traffic services</li><li>• Thirteenth Air Navigation Conference (AN Conf/13)</li><li>• Report of the Nineteenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS/19)</li><li>• EURNAT Workshop on 5LNC and 5ANNC</li><li>• State letter AN 11/45.5-17/101 dated 11 August 2017, ICAO international codes and route designators (ICARD) database system</li><li>• SAM/AIM/14 meeting report</li></ul>

**1. Introduction**

1.1 The ICAO ICARD database manages the five-letter name-codes (5LNC).

1.2 According to ICAO Annex 11, 5LNC codes must be unique and the same code must not be duplicated in different States.

1.3 The 13th Air Navigation Conference (AN Conf/13) reviewed the issue of 5LNCs.

1.4 GREPECAS/19 also included in its work plan the follow-up to the resolution of issues related to 5LNC management.

1.5 Recently, in September 2022, the ICAO EUR/NAT Regional Office held a Workshop on opportunities for improvement in 5LNC codes management.

## 2. Discussion

2.1. When ICARD was restructured in 2017, several abnormalities were identified in the management of 5LNC codes, which were related to:

- a) Duplication of 5LNCs
- b) Codes used by States, but not entered into ICARD
- c) Codes remaining in ICARD, but deregistered by States
- d) Codes “reserved” by States
- e) Codes available in one ICAO Region, but used by other Regions

2.2. In Recommendation 3.5/1 a), ICAO urges States to complete the five-letter name-code and route designator (ICARD) database with all five-letter name-codes (5LNCs) used worldwide, in order to ensure the accuracy of the database.

2.3. The GREPECAS/19 meeting adopted Conclusion 19/12 urging CAR/SAM States to take note of the recommendation of AN Conf/13 on 5LNCs and to adopt measures to ensure that all 5LNCs used by States are reported and entered into ICARD.

2.4. States have also been urged to take action to eliminate duplicate, triplicate codes, etc. These measures are continuously monitored by the Secretariat. State letter *AN 11/45.5-17/101 International Code and Route Designator (ICARD) Database System* dated 11 August 2017, sets out the action to be taken by States to support the ICARD platform clean-up process as well as the rules for correcting duplicate 5LNCs.

2.5. The Meeting must note that States are working to resolve duplicate codes, with Brazil, Bolivia and Peru having resolved 90% of duplicate codes. Other States are also working to eliminate these duplicate codes.

2.7. The Workshop on 5LNCs held in September 2022 by the EUR/NAT Regional Office also identified the issue of codes not entered in ICARD but currently in use by States, among other anomalies. Another situation observed was the non-release of 5LNCs when they were no longer in use, through the insertion of the codes in the reserved blocks.

2.8. It has also been noted in ICARD that, although some of the duplicate, triplicate, etc. codes have been released, they are not reflected in the lists available in ICARD.

2.9. The Meeting will recall that, at previous SAM/AIM meetings, States had undertaken to gradually resolve ICARD issues, mainly duplicate, triplicate, etc. codes, in order to achieve less than 10% duplicate codes by 2024.

## 3. Conclusion

3.1. The Meeting should insist that States take action to apply AN Conf/13 Recommendation 3.5/1 (a) in order to complete the inventory of 5LNCs in use by States.

3.2. The Meeting should coordinate actions with other air navigation areas in order to continue with the resolution of duplicate, triplicate, etc. codes.

3.3. The Meeting could make improvements in ICARD management and request a review of ICARD in order to update the lists of duplicate, triplicate, etc. codes on the ICARD website.

3.4. Finally, the Meeting could urge States to continue cross-checking the 5LNCs included in their AIP against those entered in ICARD, in order to clean up the ICARD database, using the guidelines set out in the attachment to State letter *AN 11/45.5-17/101*.

**4. Suggested action**

4.1. The Meeting is invited to:

- a) take note of the information provided in this working paper;
- b) support the actions recommended in 3.1 to 3.4; and
- c) take any other measures it deems appropriate.