



**Twentieth Meeting of the CAR/SAM Regional Planning and Implementation Group
 (GREPECAS/20)**

Salvador, Brazil, 16 – 18 November 2022

Agenda Item 7: Other Business

MANAGEMENT OF 5LNC CODES FOLLOW UP

(Presented by the Secretariat)

EXECUTIVE SUMMARY	
This Working Paper presents the progress in the improvements of the management of the 5LNC codes in the States of the CAR/SAM Region.	
Action:	Suggested actions are presented in Section 4.
<i>Strategic Objectives:</i>	<ul style="list-style-type: none"> • Air Navigation Capacity and Efficiency • Economic Development of Air Transport
<i>References:</i>	<ul style="list-style-type: none"> • Annex 11 – Air Traffic Service • Thirteenth Air Navigation Conference (AN Conf/13) • Nineteenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS/19) Report • Workshop on 5LNC and 5ANNC of EURNAT • State Letter Ref. <i>AN 11/45.5-17/101</i> dated 11 August 2017, ICAO International Codes and Route Designators (ICARD) database system

1. Introduction

1.1 The ICAO ICARD System Database manages 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 Thirteenth Air Navigation Conference (AN Conf/13) had analyzed the problem of the 5LNC codes.

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

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

2. Analysis

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

- a) Duplication of 5LNC codes
- b) Codes used by States but not entered into ICARD
- c) Codes that remain in the ICARD but have been withdrawn by the States
- d) Codes “reserved” by the States
- e) Codes available in one ICAO Region but used by other Regions

2.2 ICAO, through Recommendation 3.5/1 paragraph a, urges States to urgently finalize the population of the five-letter codenames and route designators (ICARD) database with all five-letter name codes (5LNC) used worldwide, in order to ensure the accuracy of the database.

2.3 The GREPECAS/19 Meeting approved Conclusion 19/12 by which CAR/SAM States are urged to observe the Recommendation of AN Conf/13 regarding the 5LNC codes and to carry out measures to communicate the total population of the 5LNC used by the States and enter them into ICARD.

2.4 Likewise, the States have been urged to implement actions in order to eliminate duplicate codes, triplicate, etc. The Secretariat continuously monitors these measures. State Letter Ref. AN 11/45.5-17/101 *ICAO International Codes and Route Designators (ICARD) Database System*, dated August 11, 2017, establishes the actions to be carried out by part of the States to support the debugging process of the ICARD platform as well as the rules for the correction of duplicate 5LNCs.

2.5 In the SAM Region, several States have worked on the resolution of duplicate codes, highlighting that Brazil and Bolivia have resolved 90% of duplicate codes. Likewise, other States have been working to eliminate these duplicate codes.

2.6 In the CAR Region, a large number of 5LNCs are pending that were published for a long time, even before the establishment of the ICARD system, and that the States have not taken the actions to purge their published 5LNCs, manage their assignment in the ICARD or their replacement. It is the responsibility of the States, and not the Secretariat, to clean up their published codes and ensure that they are all properly entered into ICARD.

2.7 The 5LNC Workshop held in September 2022 by the EUR/NAT Regional Office also identified the problems of codes not entered in ICARD, but currently in use by States, among other anomalies. Another situation observed is the non-release of the 5LNC codes when they cease to be used, by including the codes in the reserved blocks.

2.8 In addition, it has been observed, in the ICARD, that the list of duplicate codes, triplicates, etc., despite the fact that some of them have been released, are not reflected in those lists available in the ICARD.

3. Conclusion

3.1 GREPECAS should insist that the States implement actions to comply with Recommendation 3.5/1 literal a of AN Conf/13 and thus complete the inventory of the population of 5LNC codes used by the States.

3.2 The GREPECAS Meeting could urge the States to continue with the resolutions of duplicate codes, triplicate codes, etc.

3.3 The GREPECAS Meeting could manage improvements in the ICARD management and request the ICARD review in order to update the Lists of Duplicate, Triplicate Codes, etc., on the ICARD site.

3.4 Finally, the Meeting could urge States to continue cross-checking between the 5LNC codes included in their AIPs and those entered in ICARD in order to purge the ICARD Database, using the guidelines established in the attachment to the communication to States Ref. *AN 11/45.5-17/101*.

4. Suggested actions

4.1 The Meeting is invited to:

- a) take note of the information provided in this Working Paper;
- b) support the actions recommended in items 3.1 to 3.4; and
- c) take other actions they deem appropriate.