



International Civil Aviation Organization

ICAO

Eighteenth Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/18)

Bangkok, Thailand, 19 – 23 June 2023

Agenda Item 4: AIS-AIM Updates

FINAL PROGRESS OF HANDLING 5LNC

(Presented by Indonesia)

SUMMARY

This paper presents final progress of handling 5LNC in Indonesia in the period March 2020 to May 2023.

1. INTRODUCTION

1.1 The update of the ICARD system is of the utmost importance as the current worldwide non-compliance with Annex 11 — Air Traffic Services, (Appendix 2, paragraphs 3.1, 3.4) regarding 5LNCs uniqueness, continues to create difficulties causing potential safety-related issues. The following issues related to 5LNCs have been identified:

- a) a significant number of duplicated codes (including codes in triplicate and in quadruplicate);
- b) similar sounding codes in close proximity or on the same flight plan route; and
- c) differences between 5LNC data registered in ICARD and published in national Aeronautical Information Publications (AIPs).

1.2 Indonesia submits WP/11 ICARD 5LNC Status and Handling Process at AAITF/15 and WP/14 Handling 5LNCs on the FIR Boundary at AAITF/17.

2. DISCUSSION

Handling process 5LNC

2.1 Starting March 2020 Indonesia is seriously handling 5LNC and collecting 1202 5LNCs at AIP Indonesia.

5LNC Status	Purpose		Total
	ENR	TA	
Registered	154	11	165
Available in ICARD	33	35	68
Duplicated with other States	111	313	424
Reserved by other States	15	25	40
Not in ICARD list	87	264	351
Available in other Regions	31	123	154
Total			1202

Figure 1: List of 5LNCs published AIP Indonesia in March 2020

2.2 Final progress of handling 5LNC until May 2023, as follows:

Registered (165)	<ul style="list-style-type: none"> ✓ 164 5LNCs have been registered with ICARD, and ✓ 1 5LNC has been replaced and published with new 5LNC.
Available in ICARD (68)	<ul style="list-style-type: none"> ✓ 62 5LNC has been registered and published by Indonesia, and ✓ 6 5LNC has been replaced and published with new 5LNC.
Duplicated with other States (424)	<ul style="list-style-type: none"> ✓ 400 5LNC has been replaced and published with new 5LNC, ✓ 3 5LNC has been replaced but not yet published, ✓ 4 5LNC can be maintained for Indonesia, ✓ 14 5LNC has been removed from AIP Indonesia, and ✓ 3 5LNC will be deleted.
Reserved by other States (40)	<ul style="list-style-type: none"> ✓ 4 5LNC submitted and registered at ICARD for Indonesia, ✓ 35 5LNC has been replaced and published with new 5LNC, and ✓ 1 5LNC will be deleted.
Not in ICARD list (351)	<ul style="list-style-type: none"> ✓ 318 5LNC has been inputted by ICARD Manager at ICARD and registered for Indonesia, ✓ 27 5LNCs have been replaced and published with new 5LNCs, ✓ 2 5LNC has been removed from AIP Indonesia, and ✓ 4 5LNC will be deleted.
Available in other Regions (154)	<ul style="list-style-type: none"> ✓ 124 5LNCs have been transferred from other regions and registered and published by Indonesia, ✓ 28 5LNCs have been replaced and published with new 5LNCs, ✓ 1 5LNC has been replaced but not yet published, and ✓ 1 5LNC will be deleted.
Remarks	<ul style="list-style-type: none"> ✓ 676 5LNC old, ✓ 497 5LNC has been replaced and published with new 5LNC, ✓ 13 5LNCs still require follow up waiting to be published and deleted.

2.3 In addition to handling 1202 old 5LNCs, during the period March 2020 to May 2023 Indonesia has proposed **992** new 5LNCs, with the following details:

Has been published on AIP Indonesia and registered on ICARD	689
Has been approved by ICARD Manager	222
In the process of amendment	2
Waiting for approval from ICARD Manager	79
Amount	992

2.4 A total of **1862** 5LNCs that have been published on AIP Indonesia and registered on ICARD, with details as follows:

Old 5LNC	676
Old replacement 5LNC	497
New 5LNC	689
Total	1862

- 2.5 Other things that have been done by Indonesia in dealing with 5LNC, are as follows:
- a. Issuing regulation of the Decree of the Director General of Civil Aviation Manual Of Standard Part 170-05 concerning the Use and Management of 5LNC in Indonesia,
 - b. Creating Standard Operating Procedures regarding 5LNC Handling,
 - c. Creation and development of Indonesia Navigation Codes & Routes Designators (Navard), which is an internal website for managing 5LNC and Alphanumeric in Indonesia.
 - d. Delivering the State Report Annual Update on the Status of Duplicated 5LNCs on February 28, 2023.
 - e. Together with adjacent states to handle 5LNC duplication and equalize the differences in coordinates on the flight information region (FIR) boundary.
 - f. Equalizing the difference in coordinates in ICARD and AIP Indonesia.
 - g. Add 5LNC data in the form of purpose, comment, and coordinating country that have not been filled in ICARD, and delete 5LNC that are no longer used.

3. ACTION BY THE MEETING

- 3.1 The meeting is invited to:
- a) note the information contained in this paper; and
 - b) discuss any relevant matters as appropriate.

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