

ICAO CODES AND ROUTE DESIGNATORS

ICARD



Five-Letter Name-Codes (5LNC)

Guidelines

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INTRODUCTION

1. The ICAO Standards and Recommended Practices to be applied concerning 5LNC may be found in:
 - **Annex 11 — Air Traffic Services, Chapter 2, Section 2.14; and**
 - **Annex 11 — Air Traffic Services; Appendix 2.**
2. A five-letter name-code (5LNC) is assigned when a significant point is required for a position **not marked by the site of a radio navigation aid** and is used for **ATC purposes**.
3. The first internet application of the ICAO International Codes and Routes Designators (ICARD) database was deployed in 1998. It was developed to support the allocation process of five-letter name-codes (5LNC) within the ICAO EUR/NAT region. The application was gradually extended to other ICAO Regions from 2005 onwards with ICARD becoming accessible to all ICAO Regions at the end of 2010.
4. These guidelines have been written to help all ICARD users understand the process of electronic search and allocation of 5LNC as well as to provide them with clear instructions and helpful tips on the effective use of the ICARD database.
5. Any suggestions to improve these guidelines are welcome. Please contact:

Nikki Goldschmid
ICARD Data Manager - ICAO EUR/NAT
ngoldschmid@paris.icao.int
icaoeurnat@paris.icao.int (Central Registry)
www.paris.icao.int

Technical support is provided by Jérôme Guévin at ICAO Headquarters: JGuevin@icao.int

Any problem should also be reported to the ICAO ICARD service desk : ServiceDesk@icao.int

DEFINITIONS

ICARD USERS

ICARD Public (non-Authorized) User

Any person of the public who may query the content of the database but not make any reservations or change to the content. Prior registration is not required. See “[ICARD links](#)”.

ICARD Authorized User (route planners)

- The ICARD authorized users are nominated by their State.
- The ICAO Regional Office should be informed of the name(s) of the route planners who will act as ICARD authorized user.
- The nominated planner must register for access to the ICAO portal ICARD group, and then subscribe for access as an ICARD 5LNC planner.
- Access will be granted to the nominated planner after registration has been made on the ICAO portal (pages 8-10 refer).

ICARD DATA MANAGER

Each ICAO Regional Office has a nominated ICARD Data Manager and an alternate. The ICARD focal point in your respective ICAO regional office will:

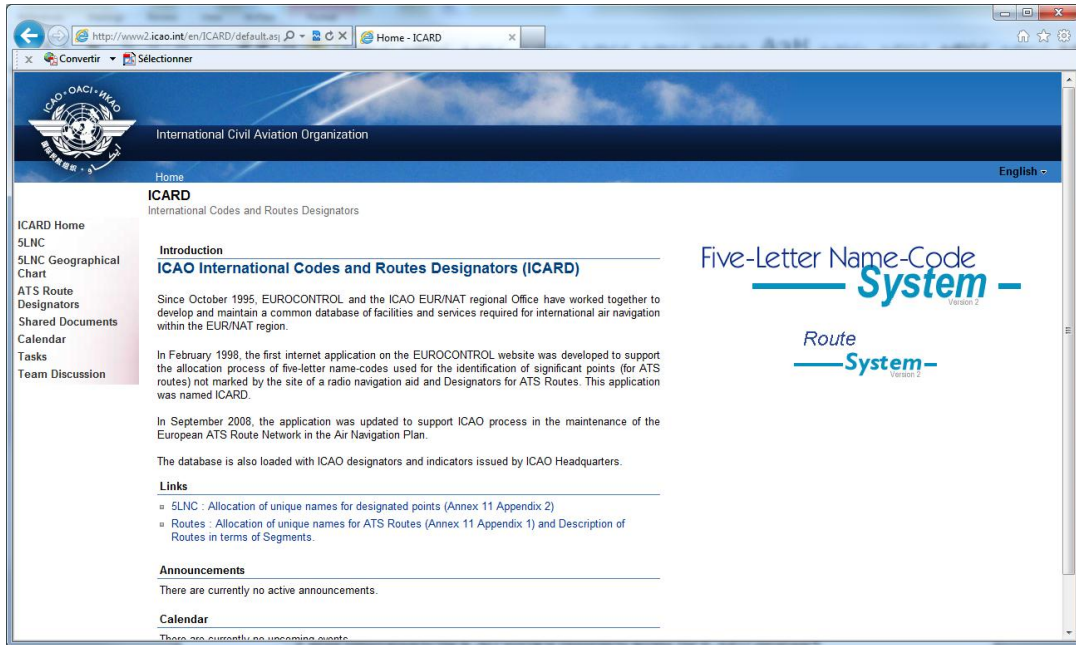
- analyse your request for access and, if approved, will confirm to the ICAO portal administrator your name and state. A first automatic notification will be forwarded to you to continue the registration process on the ICAO portal.
- review and accept or refuse your request for 5LNC.

SECTION 1 ACCESSING ICARD AND REGISTRATION PROCEDURE

ICARD LINKS

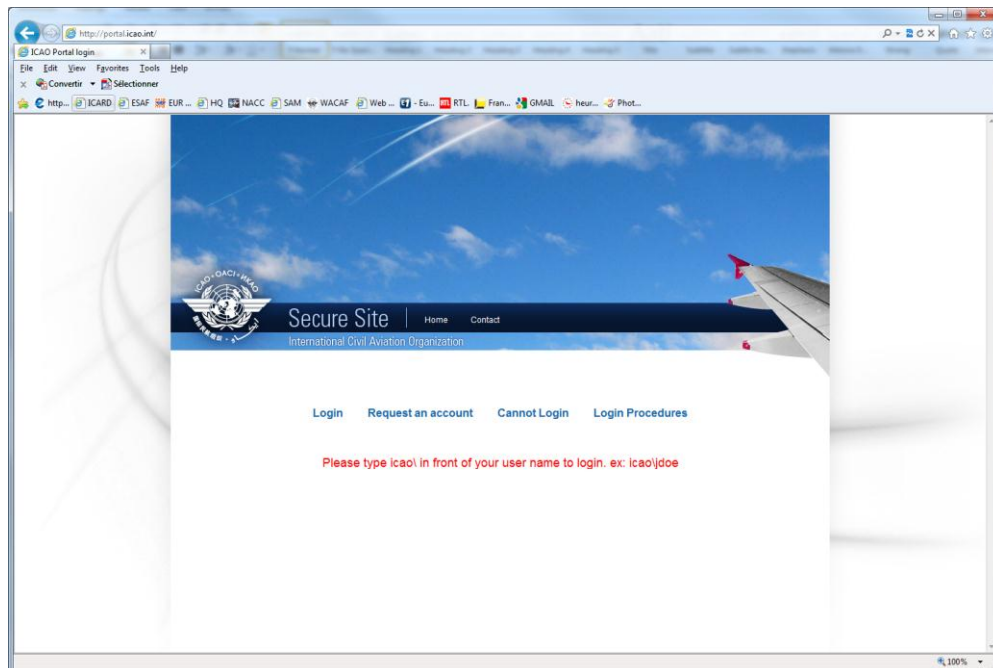
Public access to ICARD is available, **without** prior registration as follows:

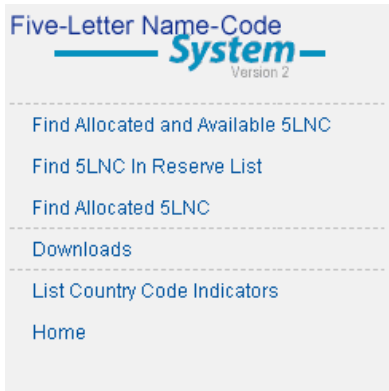
<http://www2.icao.int/en/ICARD/default.aspx>



ICARD users and route planners : <http://portal.icao.int/>

- Note :*
- prior registration to the ICAO portal is required to access the ICARD database
 - from this ICAO portal, subscription to other ICAO groups can be required.



ICARD MENU FOR PUBLIC (NON-REGISTERED) USERS

The following information is provided:

“Find Allocated and available 5LNC”

Will confirm whether a given 5LNC is used or not in all ICAO Regions.

To note: the database contains the complete initial lists of 5LNCs. Details of the allocated codes (coordinates as well as coordinating country) are given.

“Find 5LNC in Reserve List”

The reserve list contains all 5LNCs currently available and the ICAO region to which they belong.

“Find Allocated 5LNC”

This option provides the geographical coordinates and state using the 5LNC.

“Downloads”

Lists of codes by country or by name can be generated.

Lists of duplicate codes can also be generated.

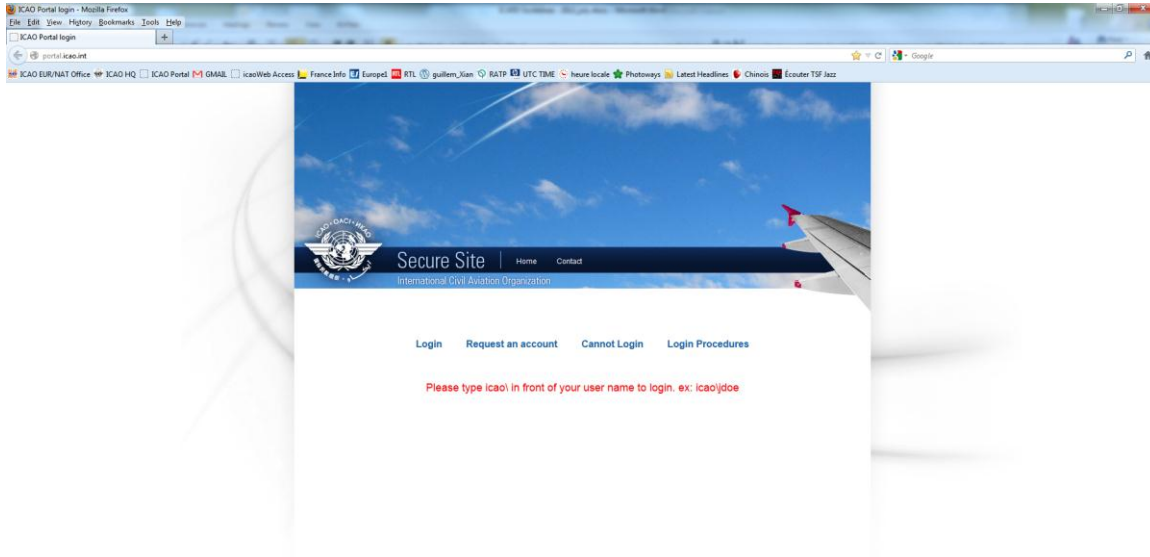
***Sound-like proximity* can also be verified from the first three sub-items of the public user menu.

REGISTRATION PROCEDURE TO BE AN AUTHORIZED USER

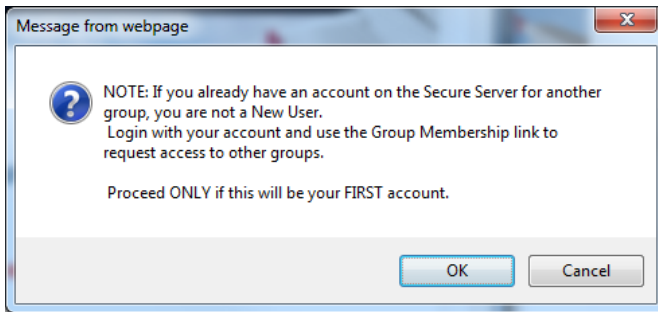
The ICARD authorized user registration is a **two-step process** .

Step 1 - Requesting ICARD Access

- Connect to the ICAO portal: <http://portal.icao.int/>



- Request an account



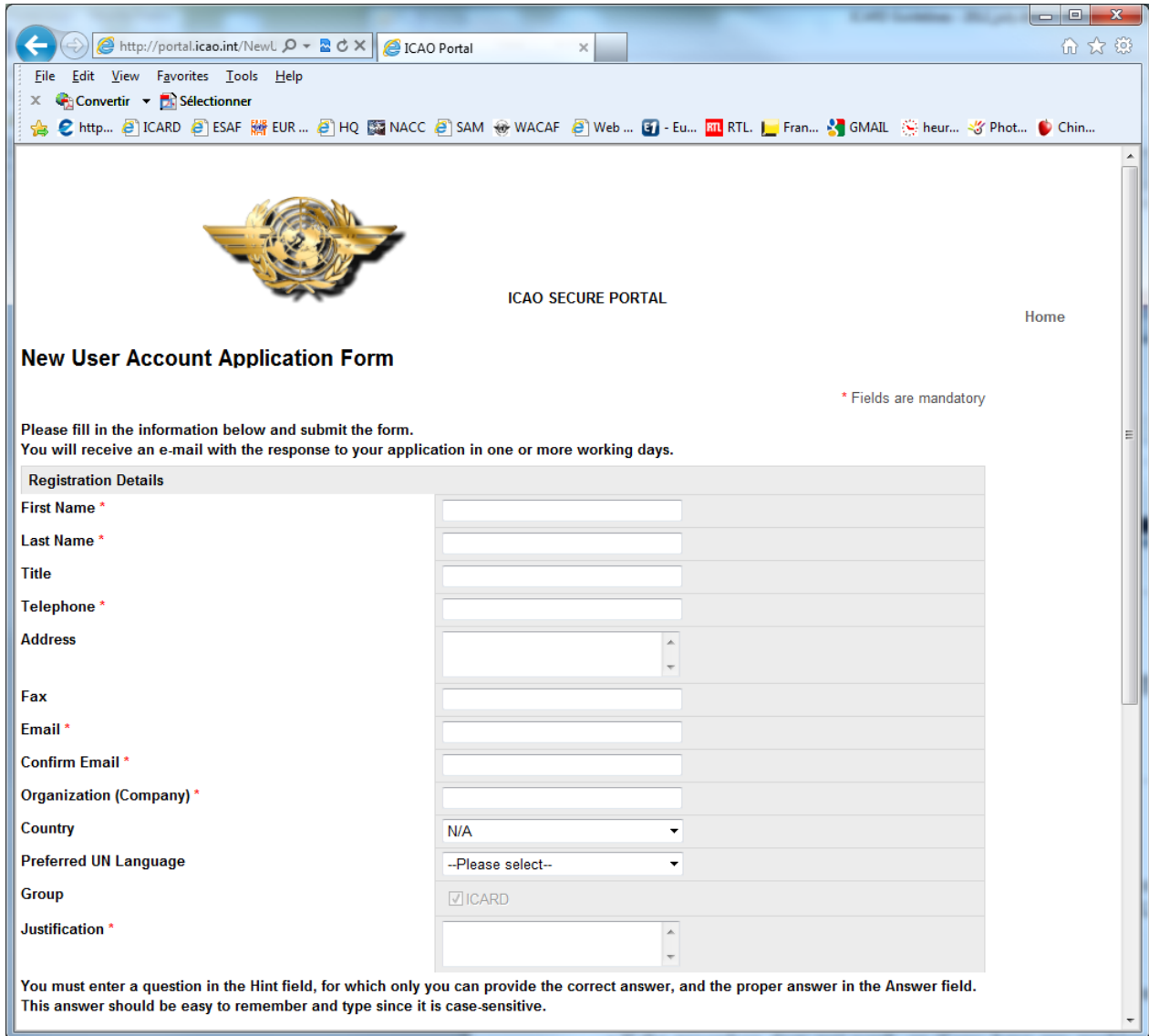
- ❖ Registration on the ICAO portal will also serve for other ICAO topics / fields

- Press **OK** to proceed

- Subscription to “**ICARD**”



- Your details are required for the registration part



ICA0 SECURE PORTAL Home

New User Account Application Form

* Fields are mandatory

Please fill in the information below and submit the form.
You will receive an e-mail with the response to your application in one or more working days.

Registration Details	
First Name *	<input type="text"/>
Last Name *	<input type="text"/>
Title	<input type="text"/>
Telephone *	<input type="text"/>
Address	<input type="text"/>
Fax	<input type="text"/>
Email *	<input type="text"/>
Confirm Email *	<input type="text"/>
Organization (Company) *	<input type="text"/>
Country	N/A
Preferred UN Language	--Please select--
Group	<input checked="" type="checkbox"/> ICARD
Justification *	<input type="text"/>

You must enter a question in the Hint field, for which only you can provide the correct answer, and the proper answer in the Answer field.
This answer should be easy to remember and type since it is case-sensitive.

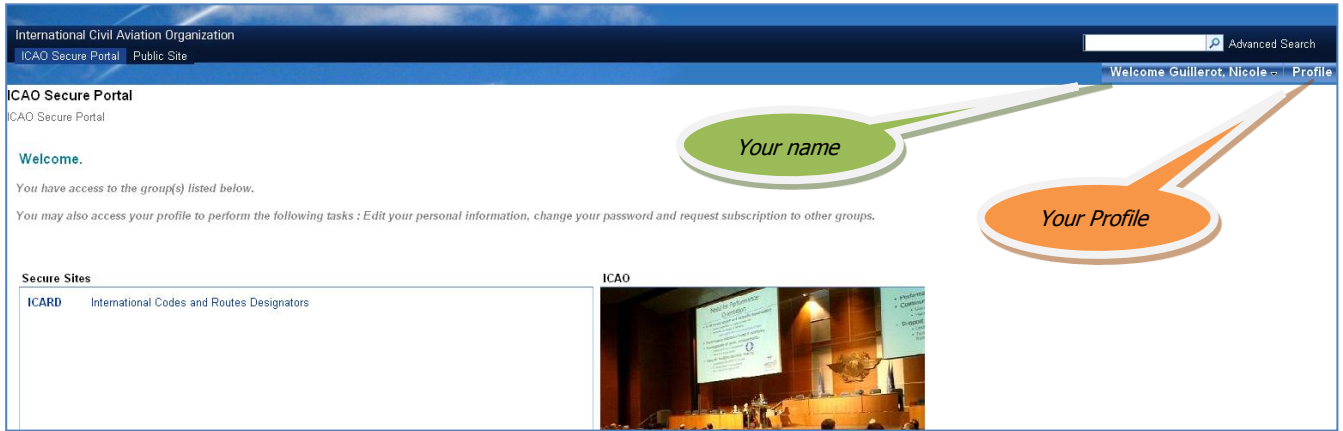
Note: (**justification*** can be : “nominated ICARD route planners for x Country”).

- After “Step 1”,
- ✓ access to the ICARD group will be granted by the ICAO regional data manager and
 - ✓ a notification will be sent automatically confirming your registration to the ICARD Group and providing a **password for your first login**. (the password can be changed later)

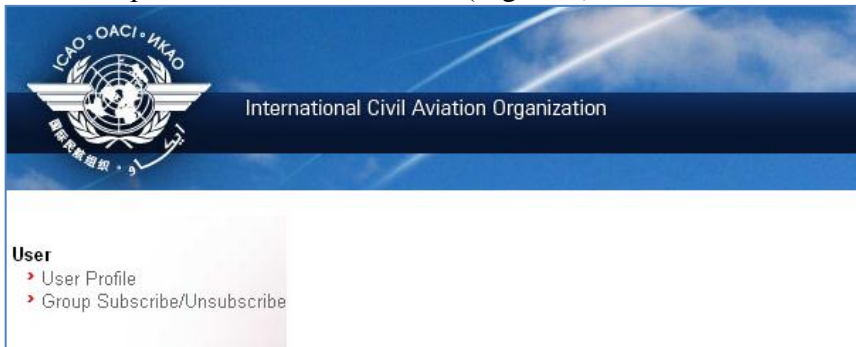
Step 2 – Requesting “ICARD Authorized User” Access

➤ registration as **ICARD_5LNC_PLANNER** is required to enable 5LNC allocation requests

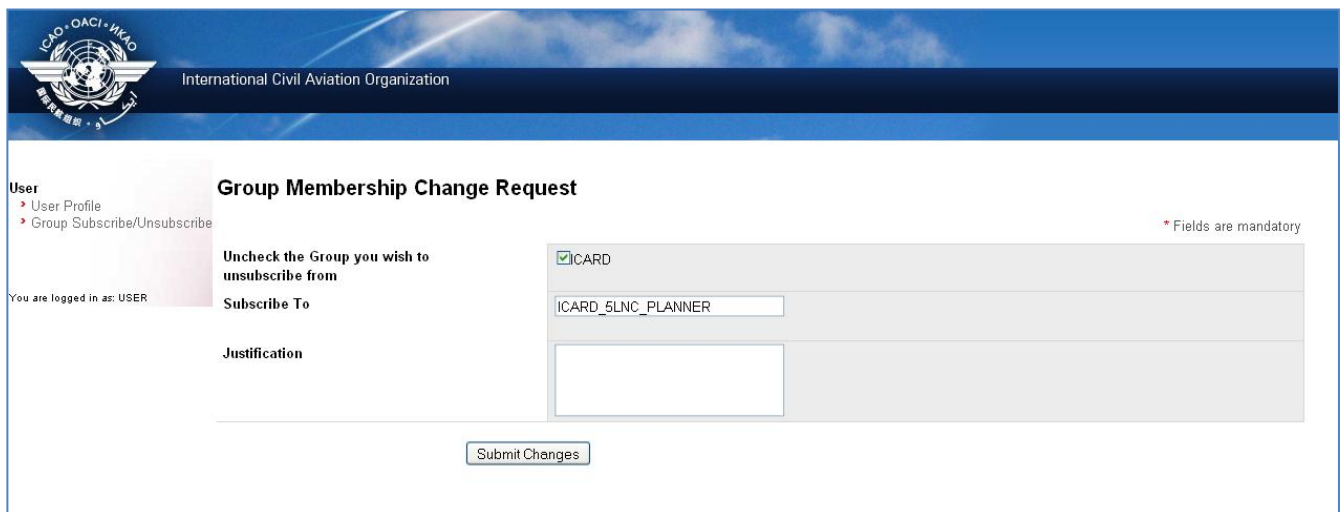
1. Log in with your new user id and password.
2. Click on the “Profile” link located on the top right corner of the page (Figure 4).



3. Select “Group Subscribe/unsubscribe” (Figure 5).



4. Type “ICARD_5LNC_PLANNER” and complete the justification box. (Figure 6)

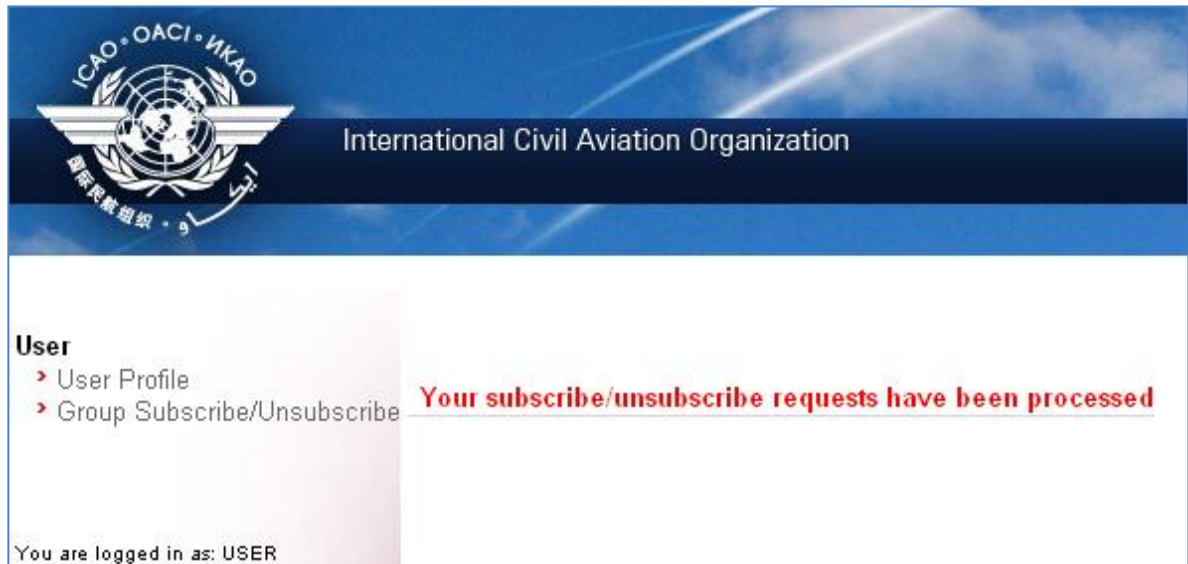


➤ **Note:**

- *ICARD_5LNC_PLANNER is case sensitive*
- *Justification can be “authorized user for xx (Country);*

5. Finalise your registration with ‘Submit Changes’

- a confirmation should appear on the screen.



Note: The ICAO Regional Office must be informed by your national Administration of the name(s) of the route planners who will act as ICARD authorized user in order to validate your request.

6. Once completed, an automatic notification will be sent to the ICAO ICARD Data Managers who will check and confirm whether the requested status can be validated or not.
7. You will get the following notification via email within 24 hours that your request for group membership has been granted.

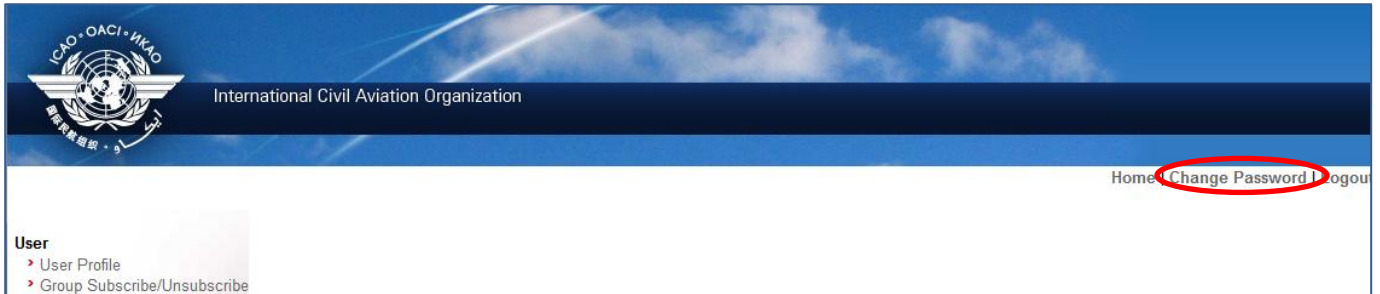
“Dear Mr. xxx,

Your request for subscribing to group ICARD_5LNC_PLANNER has been granted.

Welcome to the ICARD_5LNC_PLANNER group.”

RESETTING YOUR PASSWORD

1. Log in with your new user id and password.
2. Click on the “Profile” link located on the top right corner of the page
3. Select “Change password” on the top right corner of the page and proceed with your change

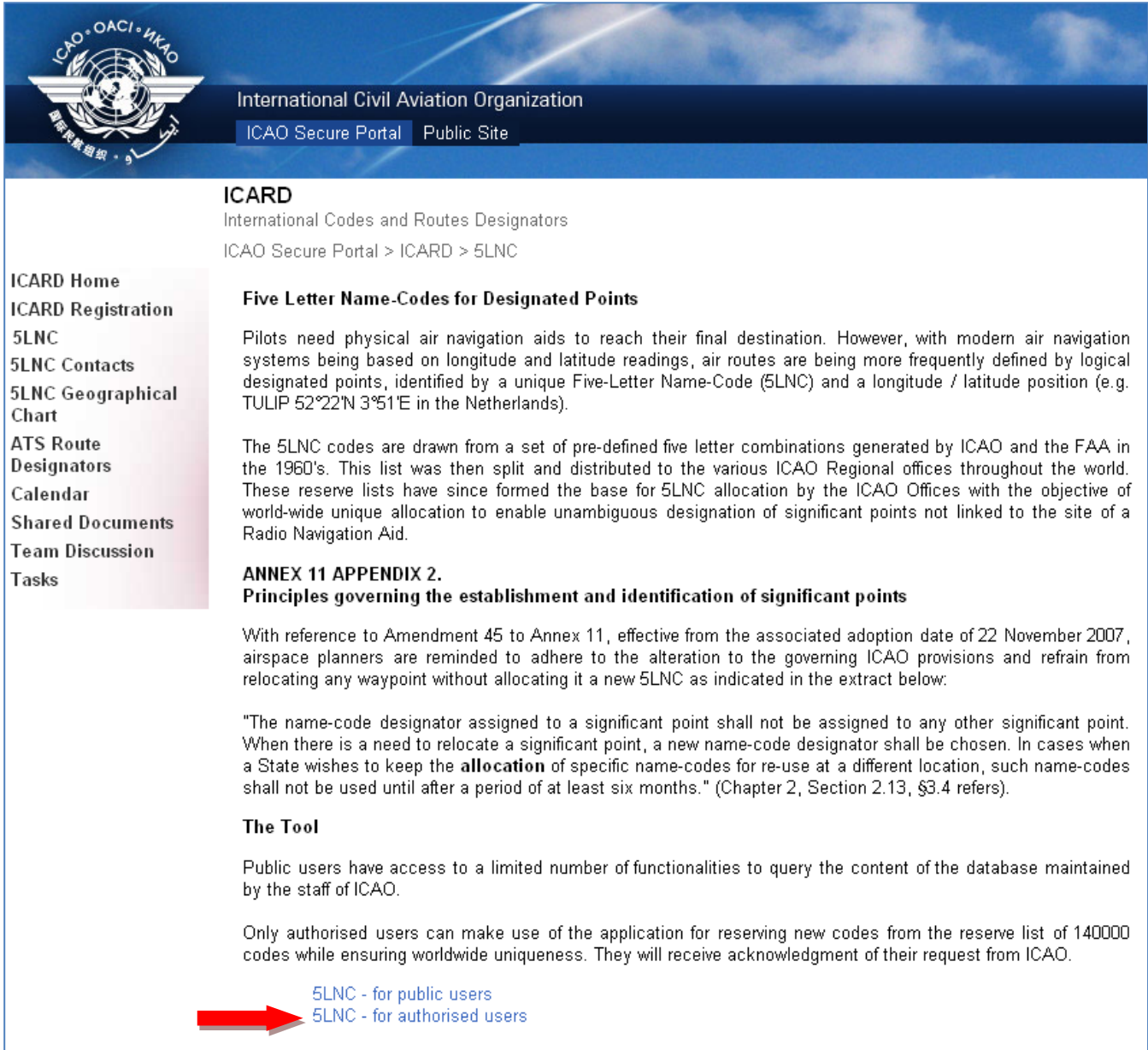


PASSWORD FORGOTTEN

1. Connect to the ICAO portal: <http://portal.icao.int/>
2. Click on “Cannot Login”
3. Type your full email address in the “User Id or Email Id” field. Click on “Submit”.
4. You will be presented your password hint question. Enter the answer to your hint question in the “Answer” field. Click on “Submit”.
5. A new password will be emailed to you within a few minutes.

SECTION 2 ICARD 5LNC AUTHORIZED USER ACCESS

1. Click on “5LNC – for authorized users”, see  below
2. Enter your User id and password



The screenshot shows the ICAO Secure Portal interface. At the top left is the ICAO logo with the text "ICAO • OACI • ИКАО" and "國際民航組織". To the right of the logo, it says "International Civil Aviation Organization" and "ICAO Secure Portal Public Site". Below this is a navigation menu with the following items: "ICARD Home", "ICARD Registration", "5LNC", "5LNC Contacts", "5LNC Geographical Chart", "ATS Route Designators", "Calendar", "Shared Documents", "Team Discussion", and "Tasks".

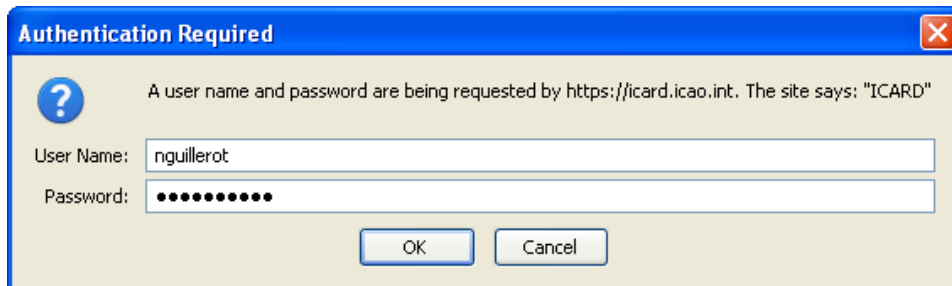
The main content area is titled "ICARD" and "International Codes and Routes Designators". Below this, it says "ICAO Secure Portal > ICARD > 5LNC". The section is titled "Five Letter Name-Codes for Designated Points". The text explains that pilots need physical air navigation aids, but modern systems use logical designated points identified by a unique Five-Letter Name-Code (5LNC) and a longitude / latitude position (e.g. TULIP 52°22'N 3°51'E in the Netherlands). It also states that these codes are drawn from a set of pre-defined five letter combinations generated by ICAO and the FAA in the 1960's.

Below this is "ANNEX 11 APPENDIX 2. Principles governing the establishment and identification of significant points". The text states that with reference to Amendment 45 to Annex 11, effective from 22 November 2007, airspace planners are reminded to adhere to the governing ICAO provisions and refrain from relocating any waypoint without allocating it a new 5LNC as indicated in the extract below:

"The name-code designator assigned to a significant point shall not be assigned to any other significant point. When there is a need to relocate a significant point, a new name-code designator shall be chosen. In cases when a State wishes to keep the **allocation** of specific name-codes for re-use at a different location, such name-codes shall not be used until after a period of at least six months." (Chapter 2, Section 2.13, §3.4 refers).

The section is titled "The Tool". It states that public users have access to a limited number of functionalities to query the content of the database maintained by the staff of ICAO. It also states that only authorized users can make use of the application for reserving new codes from the reserve list of 140000 codes while ensuring worldwide uniqueness. They will receive acknowledgment of their request from ICAO.

At the bottom of the page, there are two links: "5LNC - for public users" and "5LNC - for authorised users". A red arrow points to the second link.



The screenshot shows a dialog box titled "Authentication Required" with a close button (X) in the top right corner. The dialog contains a question mark icon and the text: "A user name and password are being requested by https://icard.icao.int. The site says: 'ICARD'". Below this, there are two input fields: "User Name:" with the text "ngullerot" and "Password:" with a masked password of ten dots. At the bottom of the dialog, there are two buttons: "OK" and "Cancel".

ICARD 5LNC MENU FOR AUTHORIZED USERS

Menu Item	Action
Find Allocated and Available 5LNC	To browse specific 5LNC in the database in order to: <ul style="list-style-type: none"> - Retrieve a 5LNC already allocated for information or modification (see pages 15 and 29); or - Select available 5LNC to make requests for allocation (see page 15)
Find 5LNC in Reserve List	To select available 5LNC and make a request for allocation (see page 16)
Find Allocated 5LNC	To select specific allocated 5LNC to view information or amend or release (see pages 15 and 29)
Check My Requests	To view the requests that you have made (see page 24) <p><i>Note: These remain in this sub-menu as long as your Regional ICARD Data Manager has not taken action on your request. If requested 5LNC are in this sub-menu, you can modify or delete your request. The publication of 5LNC in national AIPs should only take place after the ICARD Data Manager has accepted these 5LNCs.</i></p>
Requests By Block	This function is available only when the Regional ICARD Data Manager has approved a block of codes for an Authorized User. <p>This option is done on exceptional cases</p>
Downloads	<ul style="list-style-type: none"> - Lists of allocated 5LNC can be generated by Country or by 5LNC in alphabetical order. This facilitates: <ul style="list-style-type: none"> • comparison of the 5LNC allocated by ICAO and the national aeronautical publication • verification of coordinates of 5LNC - Lists of duplicates can also be generated by Region, by Country or by 5LNC (see pages 31-28)
List ICARD Contacts	Lists contact details of all ICARD Regional Data Managers and Authorized Users by Countries
List Country Code Indicators	Lists the ITU Code (ISO3) used to show Coordinating Country using the 5LNC
Change Password	Opens the ICAO portal page see page 12
Home	Opens the ICARD page on the ICAO portal

SECTION 3 SEARCHING AND SELECTING 5LNC

COLOUR CODES OF 5LNC IN ICARD

- **Blue** means the 5LNC is available
 - **Underlined** 5LNC are active and available for your Region
 - You can select and proceed to make a request
 - If not underlined, the 5LNC is available but belongs to another ICAO Region
 - Contact your ICARD Data Manager who will coordinate with the other ICAO Region and check whether a transfer is possible
- **Orange** means
 - the 5LNC is pending action by the ICARD Data Manager
 - or maybe part of reserved block
 - or frozen for a period of 6 months until it is released, further to deletion request
- **Red** means the 5LNC is already allocated to/used by a Country

YOU HAVE A 5LNC IN MIND

Use: “Find Allocated and Available 5LNC”

To check its existence in the ICARD system,

3 options are proposed above the Search Criteria.

1. “Reserve List” - the result will inform you of its availability in your region
2. “Allocated List” - if already allocated, will give all information (country, coordinates)
3. “Both” - reserve and allocated - the result will be made from a global search
 - ✓ giving more detailed information
 - on the region to which it belongs
 - if already allocated, to which country, with coordinates
 - ✓ if the 5LNC is available for your region, you can proceed to make a request
 - ✓ if the 5LNC is available but not in your region, contact your ICARD Data Manager on the possibility of transfer of the 5LNC

Five-Letter Name-Code
System
Version 2

Find Allocated and Available 5LNC [HELP]

[Find Allocated and Available 5LNC](#)

[Find 5LNC In Reserve List](#)

[Find Allocated 5LNC](#)

[Check My Requests](#)

[Requests By Block](#)

[Downloads](#)

[List ICARD Contacts](#)

[List Country Code Indicators](#)

[Change Password](#)

[Home](#)

Reserve List
 Allocated List
 Both

Search Criteria

Code:

Show Map centered on

Latitude:

DDMM[SS.ss]H where H is 'N' or 'S'

Longitude:

DDDMM[SS.ss]H where H is 'E' or 'W'

Search Results

Available codes

Page 1 of 0

Allocated codes

Code	Type	Lat	Lon	Coord. States	Purpose	Decision Date	Action	Comment
MERLI	Non-ICAO	422844.68N	1231513.39W	USA		27/09/2000	D M	

Page 1 of 1

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Code Deletion = D
Show Map = M

YOU DO NOT HAVE A 5LNC IN MIND

Use: “Find 5LNC in Reserve List”

The following methods may be used to search for an available 5LNC:

1. Search without filling in specific Search Criteria
2. Search with special patterns
 - a. Starting with a specific letter
 - b. Sound like search
 - c. Search excluding specific letters
 - d. Search with multiple patterns
 - e. Search with special patterns and known coordinates
 - f. Search with known coordinates but without specific patterns

* * * * *

Searching any 5LNC without specific Search Criteria

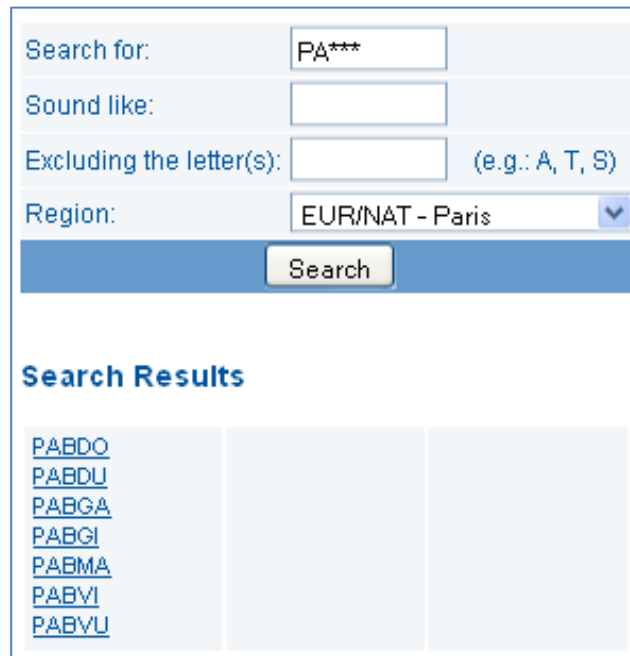
The screenshot displays the 'Find 5LNC in Reserve List' web application. On the left is a sidebar with navigation options: 'Find Allocated and Available 5LNC', 'Find 5LNC In Reserve List', 'Find Allocated 5LNC', 'Check My Requests', 'Requests By Block', 'Downloads', 'List ICARD Contacts', 'List Country Code Indicators', 'Change Password', and 'Home'. The main content area is titled 'Find 5LNC in Reserve List' and includes a 'Search Criteria' section with input fields for 'Search for:' (containing '*'), 'Sound like:', 'Excluding the letter(s):' (with a note '(e.g.: A, T, S)'), and a 'Region:' dropdown menu set to 'EUR/NAT - Paris'. A 'Search' button is located below these fields. To the right is a 'Random proximity search at' section with fields for 'Radius of search(Nm.):' (set to 500), 'Latitude:', and 'Longitude:', along with a 'Reserve list of:' dropdown menu also set to 'EUR/NAT - Paris'. Below this is another 'Search' button. The 'Search Results' section shows a grid of 5LNC codes in alphabetical order, with some codes highlighted in blue. The footer indicates 'Page 1 of 230' and navigation links: '<<< ... Previous 1 2 3 4 5 6 7 8 9 10 Next ... >>>'. The sidebar also contains the 'Five-Letter Name-Code System - Version 2' logo.

1. You will obtain a long list of 5LNC available in your region in the alphabetical order.
2. Select a **blue** 5LNC of your choice and proceed with posting a request.

Searching 5LNC with special patterns

Starting with a specific letter

1. In “Search for”, indicate the specific letters required and the missing letter should be replaced with an asterisk. Examples: **PA***** ***PA**** ***P**A**
2. The resulting available 5LNC are proposed for selection.
3. Click on your selected 5LNC and proceed to the reservation see paragraph “Post a request” (Figure 17).



The screenshot displays a search interface for 5LNC. The search criteria are as follows:

- Search for: PA***
- Sound like: (empty)
- Excluding the letter(s): (empty) (e.g.: A, T, S)
- Region: EUR/NAT - Paris

A "Search" button is located below the criteria. The search results are listed under the heading "Search Results":

- [PABDO](#)
- [PABDU](#)
- [PABGA](#)
- [PABGI](#)
- [PABMA](#)
- [PABVI](#)
- [PABVU](#)

Sound like search

- In “Sound like” box , indicate the name desired.

Note: the proposed 5LNC may not be what you expected.

Search for:	<input type="text" value="*"/>
Sound like:	<input type="text" value="ikard"/>
Excluding the letter(s):	<input type="text"/> (e.g.: A, T, S)
Region:	EUR/NAT - Paris ▼
<input type="button" value="Search"/>	

Search Results

EKRAI	IXIRU	
EKRED	IXORI	
EKRET	IXORO	
EKRID	IXORU	
EKROD	IXURA	
EKHUD	IXURI	
EKHUT	IXURO	
IXIRA	IXURU	
IXIRI	OKROD	
IXIRO	OKRUT	

Excluding some letters (separated with a coma)

Search for:	<input type="text" value="*"/>
Sound like:	<input type="text"/>
Excluding the letter(s):	<input type="text" value="P,B"/> (e.g.: A, T, S)
Region:	EUR/NAT - Paris ▼
<input type="button" value="Search"/>	

Search Results

ADADU	ADAXI	ADETO	ADGAN	ADGIM
ADAGU	ADAXO	ADETU	ADGAS	ADGIV
ADAKO	ADAXU	ADEVI	ADGEG	ADGIX
ADAKU	ADEDO	ADEVO	ADGEK	ADGOD
ADALO	ADEDU	ADEVU	ADGEL	ADGOG
ADANU	ADEGU	ADEXA	ADGEM	ADGOK
ADATO	ADEMU	ADEXO	ADGEN	ADGOS
ADAVI	ADERU	ADEXU	ADGID	ADGOT
ADAVO	ADESI	ADGAL	ADGIG	ADGOV
ADAVU	ADESU	ADGAM	ADGIK	ADGOX

Page 1 of 130 <<<< ... Previous 1 2 3 4 5 6 7 8 9 10 Next >>>>

Searching with multiple patterns

- Fill in both the fields:

Search for:	<input type="text" value="ta***"/>
Sound like:	<input type="text"/>
Excluding the letter(s):	<input type="text" value="P,B"/> (e.g.: A, T, S)
Region:	<input type="text" value="EUR/NAT - Paris"/>
<input type="button" value="Search"/>	
Search Results	
TADED	TAKIG
TADEG	TAKIV
TADOD	TAKIX
TAGEG	
TAGIG	
TAGUD	
TAGUG	
TAGUV	
TAKAG	
TAKAV	

Searching with special patterns AND known coordinates

Recommended Option

This option is recommended as the mandatory sound-like proximity is automatically checked for the proposed 5LNC.

- Fill in “Search for” as well as the coordinates in the “Random proximity search at”

Find 5LNC in Reserve List
[HELP]

Search Criteria

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Search for:</td> <td><input type="text" value="p****"/></td> </tr> <tr> <td>Sound like:</td> <td><input type="text"/></td> </tr> <tr> <td>Excluding the letter(s):</td> <td><input type="text"/> (e.g.: A, T, S)</td> </tr> <tr> <td>Region:</td> <td><input type="text" value="EUR/NAT - Paris"/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><input type="button" value="Search"/></td> </tr> </table>	Search for:	<input type="text" value="p****"/>	Sound like:	<input type="text"/>	Excluding the letter(s):	<input type="text"/> (e.g.: A, T, S)	Region:	<input type="text" value="EUR/NAT - Paris"/>	<input type="button" value="Search"/>		<p>Random proximity search at</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Radius of search(Nm.):</td> <td><input type="text" value="500"/></td> </tr> <tr> <td>Latitude:</td> <td><input type="text" value="480740n"/></td> </tr> <tr> <td colspan="2" style="text-align: center;">DDMM[SS.ss]H where H is 'N' or 'S'</td> </tr> <tr> <td>Longitude:</td> <td><input type="text" value="0073010w"/></td> </tr> <tr> <td colspan="2" style="text-align: center;">DDDMM[SS.ss]H where H is 'E' or 'W'</td> </tr> <tr> <td>Reserve list of:</td> <td><input type="text" value="EUR/NAT - Paris"/></td> </tr> <tr> <td colspan="2" style="text-align: center;"><input type="button" value="Search"/></td> </tr> </table>	Radius of search(Nm.):	<input type="text" value="500"/>	Latitude:	<input type="text" value="480740n"/>	DDMM[SS.ss]H where H is 'N' or 'S'		Longitude:	<input type="text" value="0073010w"/>	DDDMM[SS.ss]H where H is 'E' or 'W'		Reserve list of:	<input type="text" value="EUR/NAT - Paris"/>	<input type="button" value="Search"/>	
Search for:	<input type="text" value="p****"/>																								
Sound like:	<input type="text"/>																								
Excluding the letter(s):	<input type="text"/> (e.g.: A, T, S)																								
Region:	<input type="text" value="EUR/NAT - Paris"/>																								
<input type="button" value="Search"/>																									
Radius of search(Nm.):	<input type="text" value="500"/>																								
Latitude:	<input type="text" value="480740n"/>																								
DDMM[SS.ss]H where H is 'N' or 'S'																									
Longitude:	<input type="text" value="0073010w"/>																								
DDDMM[SS.ss]H where H is 'E' or 'W'																									
Reserve list of:	<input type="text" value="EUR/NAT - Paris"/>																								
<input type="button" value="Search"/>																									

Search Results

PABDO	PEKIK	PELAB	PELUT	PEMEM	PEMOD	PEMLIN	PENIG	PENUB
PABDU	PEKIV	PELAL	PELUV	PEMEP	PEMOG	PEMLUP	PENIP	PENUD
PABGA	PEKIX	PELAP	PEMAB	PEMEV	PEMOM	PEMLUV	PENIS	PENUG
PABGI	PEKOG	PELAY	PEMAM	PEMEX	PEMOP	PEMLUX	PENIV	PENUM
PABMA	PEKUB	PELEL	PEMAP	PEMIB	PEMOV	PENAB	PENIX	PENUN
PABVI	PEKUD	PELIB	PEMAV	PEMIC	PEMOX	PENAM	PENOB	PENUP
PABVU	PEKUG	PELID	PEMEB	PEMIM	PEMUB	PENAP	PENOM	PENUS
PEKEV	PEKUK	PELIM	PEMED	PEMIN	PEMUD	PENED	PENOP	PENUV
PEKEX	PEKUP	PELOB	PEMEG	PEMIS	PEMUG	PENEN	PENOS	PEPAB
PEKIB	PEKUX	PELUB	PEMEL	PEMIV	PEMUM	PENIB	PENOV	PEPAD

Page 1 of 6 <<<< ... Previous 1 2 3 4 5 6 Next ... >>>>

Searching with known coordinates but without specific patterns (Recommended)

Recommended Option

- With the set of given coordinates, the database can filter and offer a selection of 5LNC. This option is recommended as the mandatory sound-like proximity is automatically checked in the proposed 5LNC.
- The number of resulting 5LNC is greater.

- Fill in only the coordinates in the “Random proximity search at”.

Find 5LNC in Reserve List [HELP]

Search Criteria

Search for:

Sound like:

Excluding the letter(s): (e.g.: A, T, S)

Region: ▼

Random proximity search at

Radius of search(Nm.):

Latitude:
DDMM[SS.ss]H where H is 'N' or 'S'

Longitude:
DDDMM[SS.ss]H where H is 'E' or 'W'

Reserve list of: ▼

Search Results

IVBAB	GATGA	GITEP						
LOLNO	UBULI	ITYOM						
OTSOR	EMGES	XEBIT						
KUDED	ODPEK	UMUBA						
NUBVA	KUVEX	XITVI						
ADBIB	ABGIP	NUPLU						
ELMAD	NAXEN	EVIBO						
IVLIB	LELPI	IBRIV						
ADUTI	ELGOK	ERSAD						
EKLOR	IBRIG	OSLEK						

SECTION 4 POSTING A REQUEST AND CHECKING PROXIMITY OF 5LNC

POST A REQUEST

Once your selection is made,

1. Proceed with the reservation
2. Fill-in “ purpose”
3. Fill-in “comment” if needed

*Note: when coordinates are not final, this should be mentioned in “comment”. To allow amendment to the approved allocation, confirmation should be made **before** publication.*

4. Submit **once you have checked the sound like proximity** (see next paragraph)

ICARD - Request for Code Allocation - Mozilla Firefox

icaao.int https://icard.icaao.int/ICARD_5LNC/CiController.do?COM=ShowModifAddRequestPopupPage&Id=10161040

Request for Code Allocation

PELIB

[HELP]

Latitude: DDMM[SS.ss]H where H is 'N' or 'S' Proximity Search

Longitude: DDDMM[SS.ss]H where H is 'E' or 'W'

Purpose: Proximity check done

Comment:

Requested by: Nicole Guillerot France

For Countries :

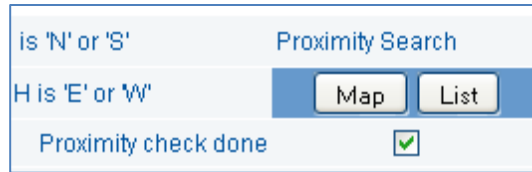
FRA France Delete co-ordinating country:

Add co-ordinating country:

Done

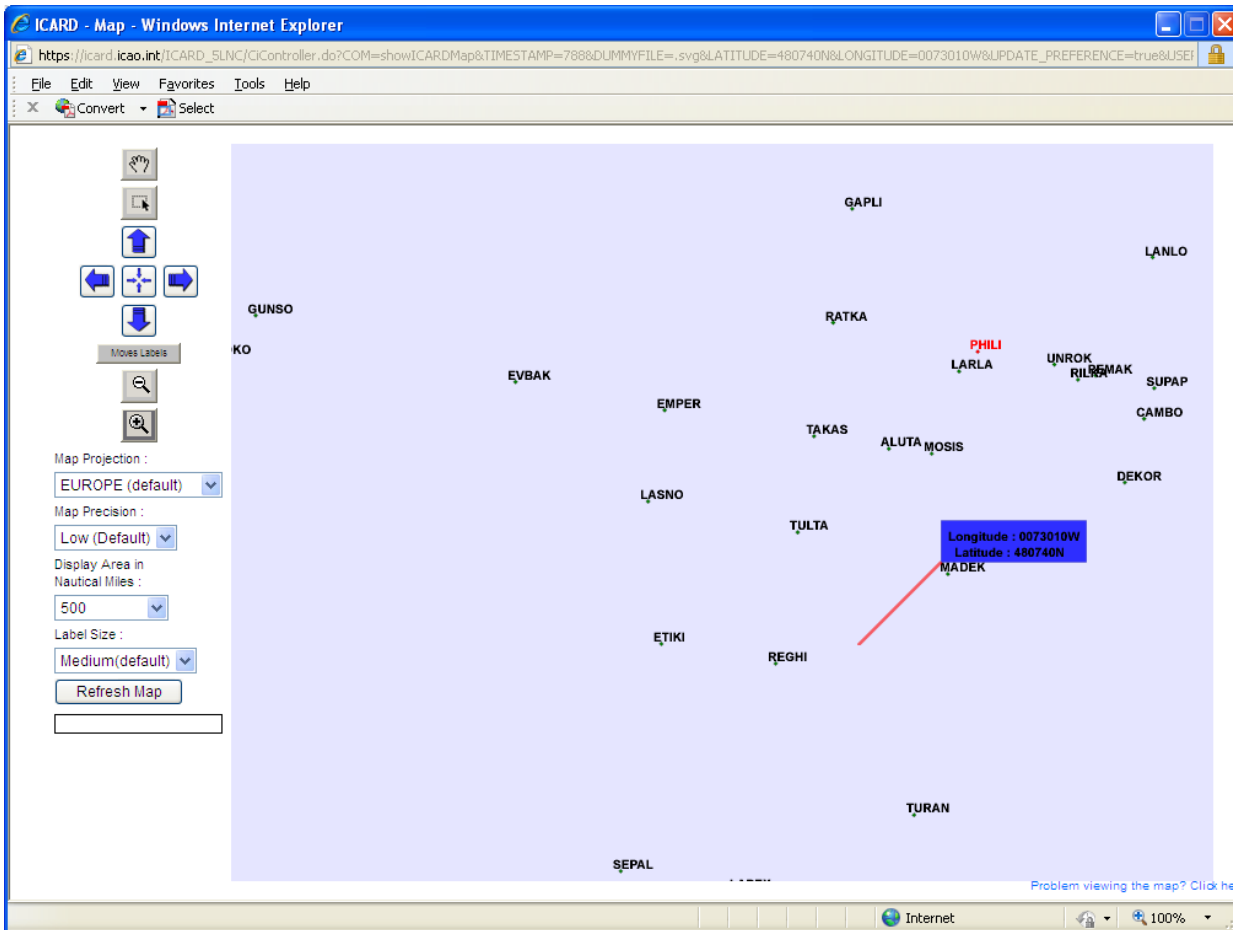
CHECKING PROXIMITY

- Checking the sound-like proximity of a 5LNC is **mandatory** and is the **responsibility of the route planner**.
- When a route planner has ticked the box for “Proximity check done”, he is confirming that he has checked that the 5LNC requested is not located close to another similar sounding 5LNC and has therefore ensured this safety check.
- The data manager **will refuse requests that are not safety checked and confirmed**.
- Even if 5LNC is automatically generated from given coordinates, it is advised to do this check.




Checking proximity with “MAP” function

- Internet Explorer is the only internet browser that supports the SVG map function of ICARD.
- For Netscape or Mozilla Firefox, please contact the Icard Project Team for more information.



Checking proximity with “LIST” function

The “list” gives all 5LNC which may sound like the selected 5LNC within a distance of 1000NM.



Name Code	Distance in nautical miles
PHILI	86
PELIK	193
PELIG	304
RELVA	382
TELBA	413
DELBO	437
XELPI	491
PAULI	493
PALIO	542
BELPA	597
TEIVI	612
POLLY	617
BELOB	661
PELAT	681
BELVU	705
BELEP	712
POLOP	731
ERLIB	747
PELOM	748
PELET	764
BELFE	790
PELIX	809
BELAP	819
PELUX	833
GELPA	838
PILEV	844
BELUV	846
PELOK	847
PHALO	877

1. After checking with both “Map” and “List” sound-like proximity functions, the authorized user may submit the request.
2. A notification will be sent automatically after the regional data manager has approved the request.

THE REQUEST IS RECORDED

1. The request for allocation is now completed and will be transferred into the data manager’s pending requests

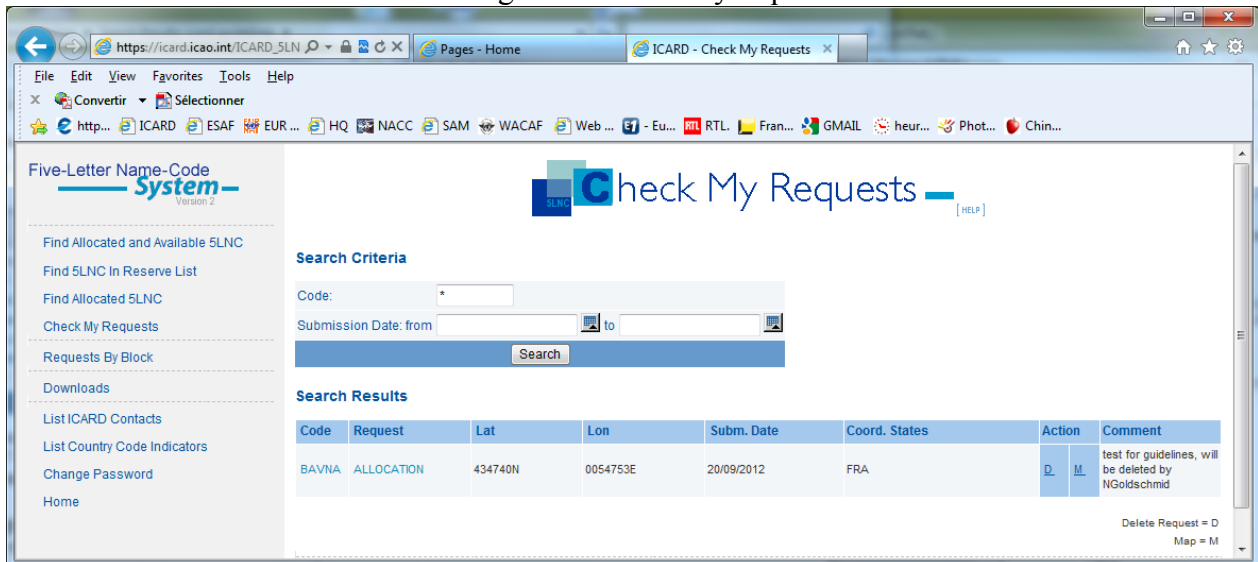


!! Important !! Your request has been successfully recorded BUT NOT YET approved.

States should wait for Notification of allocation by the ICARD data manager before proceeding with publication

Amending your request

**Note: as long as the data manager has not yet acted on the request, the authorized user can amend any information through the “Check my request” menu item.



ICARD - Request for Code Allocation - Windows Internet Explorer

https://icard.icao.int/ICARD_5LNC/protected/5LNCMainFrameset/5LNCApplicationFrame/CiController.do?COM=ShowModifAddRequestPo

Request for Code Allocation

BAVNA [HELP]

Latitude: DDMM[SS.ss]H where H is 'N' or 'S' Proximity Search

Longitude: DDDMM[SS.ss]H where H is 'E' or 'W' within (Nm.)

Purpose: Proximity check done

Comment:

Requested by: Nicole Guillerot France nguillerot@paris.icao.int

For Countries :

FRA France Delete co-ordinating country:

Add co-ordinating country:

https://icard.icao.int/ICARD_5LNC/protected/SubmitModifMyRequestPopup.do? - Windows Internet Explorer

https://icard.icao.int/ICARD_5LNC/protected/SubmitModifMyRequestPopup.do?

BAVNA

Your request modification has been successfully recorded in the database

Latitude: 434740N

Longitude: 0054753E

Purpose: FIR/UIR Boundaries

Proximity check done : Yes

Comment: test for guidelines, will be deleted by NGoldschmid ****CHANGES CAN BE MADE BEFORE APPROVAL BY DATA MANAGER****

Requested by: Nicole Guillerot France nguillerot@paris.icao.int

For Countries :
FRA-France

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THE REQUEST IS APPROVED

Data manager's tasks

1. Your ICARD data manager checks the correctness of your request and that the sound-like proximity is confirmed
2. The request for allocation is now completed and will be transferred into the data manager's pending requests



Approval notification

The data manager will generate a notification message from the ICARD will be sent to the planner and all concerned

Page 1 of 1

CONFIRMATION FORM
STATUS OF FIVE LETTER NAME CODES
 Reference: ICARD/5LNC Guidelines
 20/09/12

Message: Dear Ms Guillerot,
 This is to advise that the code detailed in the attached has been allocated to France as required.
 Yours sincerely
 Nikki Goldschmid

From: Luis Fonseca de Almeida, Regional Director - ICAO EUR/NAT Office, Paris
 ICARD EUR/NAT contact person - Nikki Goldschmid - ngoldschmid.icao@eur.nat.int

Originator's request: Nicole Guillerot, France

Code	Coord. States	Latitude	Longitude	Request for	Submission Date	Decision Date	Status
BAVNA	FRA	434740N	0054753E	Allocation	20-SEP-12	20-SEP-12	Accepted

Comments:
 BAVNA test for guidelines, will be deleted by NGoldschmid

International Civil Aviation Organization - EUR/NAT Office
 3 bis, Villa Emile Bergerat, 92522 Neuilly-sur-Seine Cedex, France
 Tel : +33 1 46418585 - Fax: +33 1 46418500 - E-mail : icao@eur.nat.int - website : www.paris.icao.int

REQUIREMENT FOR 5LNC PUBLICATION

**States should wait for Notification of 5LNC allocation by the ICARD data manager
 BEFORE proceeding with publication**

All references to 5LNC :

ANNEX 11 – AIR TRAFFIC SERVICES

Appendix 2 – Principles governing the establishment and identification of significant points

...

3. Designators for significant points not marked by the site of radio navigation aid

...

3.5 States' requirements for unique five-letter pronounceable name-code designators shall be notified to the Regional Offices of ICAO for coordination.

SECTION 5 AMENDING AND RELEASING 5LNC

AMENDMENTS TO 5LNCs

Authorized users can request amendments to the coordinates of allocated 5LNC if it has not yet been published. In that case, clicking the active code will open a window for an “amendment request”. It is advised to add an information in the “comment box”.

AMENDMENTS TO COORDINATES

- Will be accepted **ONLY** if the 5LNC has not yet been published.
- When, for planning purposes, 5LNCs are requested with temporary coordinates, the authorized user will mention “provisional coordinates” in the “comment” box when posting the request for allocation.
- If the 5LNC is already published, any need to amend the coordinates will require the release of the current 5LNC and request of a new 5LNC.

The screenshot shows the 'Find Allocated 5LNC' web application in Internet Explorer. The browser address bar shows the URL: https://icard.icao.int/ICARD_5LNC/5LNCMainFrameset.do?NVCMD=framesetReloading. The page title is 'ICARD - Find Allocated 5LNC - Windows Internet Explorer'. The application interface includes a sidebar with navigation options like 'Find Allocated and Available 5LNC', 'Find 5LNC in Reserve List', 'Check My Requests', 'Requests By Block', 'Downloads', 'List ICARD Contacts', 'List Country Code Indicators', 'Change Password', and 'Home'. The main content area features a search form with the following fields:

- Search Criteria:** Code (abari), Decision Date (from and to), Country (France), Purpose (dropdown).
- Show Map centered on:** Latitude (DDMM[SS.ss]H where H is 'N' or 'S'), Longitude (DDMM[SS.ss]H where H is 'E' or 'W').

Buttons for 'Search' and 'Map' are present. Below the search form, the 'Search Results' section displays a table with the following data:

Code	Type	Lat	Lon	Coord. States	Purpose	Decision Date	Action	Comment
ABARI	ICAO	4725N	00657E	FRA		14/02/2003	D M	Point frontière avec la Suisse sur UL856 Demande faite par le CRNA-E et retransmise par le SCTA (P. DEFAUVV) le 12/07/02

At the bottom right of the results area, there are links: 'Request Deletion = D' and 'Show Map = M'. The footer contains copyright information: '© EUROCONTROL 2003 - ICAO 2010 - Contact Us - Disclaimer' and 'Powered by Mular Consulting'.

RELEASE OF 5LNCs

When 5LNC are no longer used, the route planner will make a request for deletion.

1. From the “Find Allocated 5LNC” menu item, type in the 5LNC name concerned.
2. A table showing the 5LNC details will appear.
3. Click “D” for deletion in the Action column.
4. The request will be recorded and confirmation will be sent by the data manager.

Note: Released 5LNC will remain frozen for a period of 6 months. After that time, they will automatically return to the reserve list of the ICARD database.

AMENDMENT OR RELEASE OF SHARED CODES

- if a code is **shared with another country**, the route planner should coordinate with the other state and make sure that the code can be released.
- If the action required it only for a withdrawal of one of the coordinating states, this **should not be a request for deletion but a request for amendment to the code.**

Find Allocated 5LNC [HELP]

Search Criteria

Code:

Decision Date: from to

Country:

Purpose:

Show Map centered on

Latitude:

DDMM[SS.ss]H where H is 'N' or 'S'

Longitude:

DDDMM[SS.ss]H where H is 'E' or 'W'

Search Results

Code	Type	Lat	Lon	Coord. States	Purpose	Decision Date	Action	Comment
ABAMU	ICAO	492349.9N	0001529.3W	FRA	Terminal Airspace (SID/STAR/HLDG)	28/01/2010	D M	Demande exprimee par SNA/O le 19/01/10 - Procdures GNSS de Deauville et du Havre

Request Deletion = D
Show Map = M

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- Selecting “D” in the “Action” column is a request for release
- By clicking on the underlined (active) 5LNC([ABAMU](#)), the authorized user will proceed to a request for amendment to the code

SECTION 6 DOWNLOADING ALLOCATED 5LNC AND DUPLICATED 5LNC REPORTS

POSSIBLE DOWNLOADS

List of 5LNC by Country (using ITU Code (ISO3))

List Of 5LNC Alloc. to States in the EUR/NAT Region

Part V.II - ATS *Supp. to V.II-Page 1*

1	2	3	4
NAME-CODE NOM DE CODE CLAVE	COORDINATES COORDONNEES COORDENADAS	REMARKS OBSERVATIONS OBSERVACIONES	PURPOSE FONCTION FINALIDAD
ABADO	4539N 00518E	FRA	
ABADU	4654N 00227W	FRA	Terminal Airspace (SID/STAR/HLDG)
ABAMU	4924N 00015W	FRA	Terminal Airspace (SID/STAR/HLDG)
ABARI	4725N 00657E	FRA	
ABAXU	4540N 00655E	FRA	FIR/UIR Boundaries
ABDIL	4409N 00521E	FRA	En Route
ABDOS	4740N 00232E	FRA	
ABEVA	4624N 00606E	FRA	En Route
ABILI	4334N 00540E	FRA	
ABIXI	4632N 00220W	FRA	Terminal Airspace (SID/STAR/HLDG)

List of Duplicates by Country

<i>Part V.II - ATS</i>		<i>List of Duplicates 5LNC per Name Code</i>		<i>Supp. to V.II-Page 1</i>	
1	2	3	4		
NAME-CODE NOM DE CODE CLAVE	COORDINATES COORDONNEES COORDENADAS	REMARKS OBSERVATIONS OBSERVACIONES	PURPOSE FONCTION FINALIDAD		
* ARNOS	3916N 09350W	USA	NON-ICAO		
* ARNOS	4632N 01334E	AUT,ITA	NON-ICAO		
* BERTA	1257N 08649W	NIC			
* BERTA	3442S 05639W	URY			
#* BERTA	4627N 01438E	AUT,SVN			
#* BERTA	6208N 03249E	RUS			
* MATAR	3406N 07128E	PAK			
* MATAR	4659N 01115E	AUT,DEU,ITA			
* NEMAL	0153N 07526W	COL			
* NEMAL	4755N 01314E	AUT			
* RINEG	4057S 07318W	CHL			
* RINEG	4832N 01507E	AUT			
* STEIN	3735N 07619W	USA	NON-ICAO		
* STEIN	4726N 01636E	AUT,HUN	NON-ICAO		
* SUNIS	1318N 11844E	PHL			
* SUNIS	4709N 01621E	AUT,HUN			

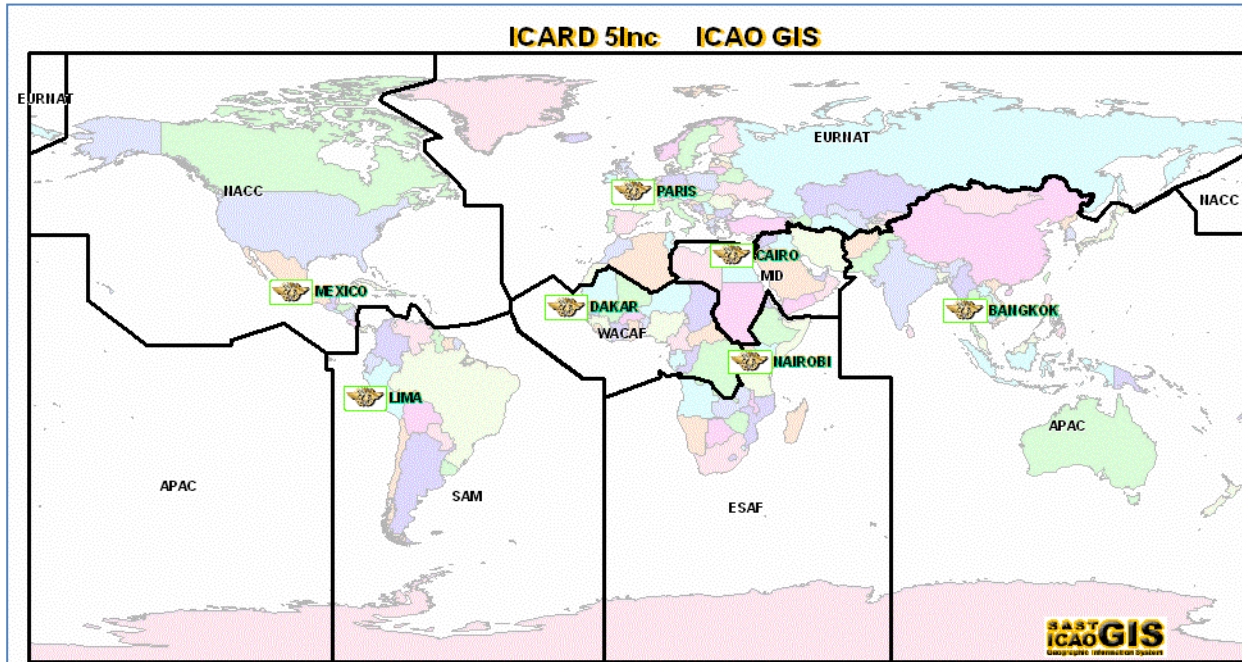
List of Duplicates by codes

The screenshot shows the ICARD 5LNC System web interface. The main content area displays a table titled "List of Duplicates 5LNC per Name Code" with the following data:

1	2	3	4
NAME-CODE NOM DE CODE CLAVE	COORDINATES COORDONNEES COORDENADAS	REMARKS OBSERVATIONS OBSERVACIONES	PURPOSE FONCTION FINALIDAD
* ALBER	342221.90N 0861938.07W	USA	NON-ICAO
* ALBER	342221.9N 0861938.07W	BRA	NON-ICAO
* ALBER	4227N 00250E	ESP,FRA	NON-ICAO
* ANNET	395032.65N 0752312.61W	USA	NON-ICAO
* ANNET	4939N 00400W	FRA,GBR	NON-ICAO
* ARDEN	383308.54N 1212241.99W	USA	NON-ICAO
* ARDEN	4952N 00451E	BEL,FRA	NON-ICAO
* BELEN	095749N 0841250.3W		Terminal Airspace (SID/STAR/HLDG)
* BELEN	4355N 00244W	ESP,FRA	
* BIMBO	163736N 0615737W	FRA	
* BIMBO	312517N 0160158W	ESP,PRT	
* BISOX	001918.00S 1492930.00W	USA	
* BISOX	001918S 1492930W	FRA	
* BOLSA	011208.01S 1084112.14E	IDN	En Route
* BOLSA	102237.9N 0852432.4W	CRI	Terminal Airspace (SID/STAR/HLDG)
* BOLSA	432003N 0031854E	FRA	

ICARD REGIONAL DATA MANAGERS

ICAO Region	Primary Contact	Alternate
APAC	Shane Sumner Ssumner@icao.int	Len Wicks lwicks@icao.int
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MID	Mohamed Smaoui MSmaoui@cairo.icao.int	Nikki Goldschmid NGoldschmid@paris.icao.int
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- END -