

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. 5LNC codes are drawn from a set of pre-defined five letter combinations generated by ICAO and the FAA in the 1970's. This list was then split and distributed to the various ICAO Regional offices throughout the world. These reserve lists have since formed the base for 5LNC allocation by the ICAO Offices with the objective of world-wide unique allocation to enable unambiguous designation of significant points not linked to the site of a Radio Navigation Aid. States are required to coordinate usage of unique five-letter pronounceable name-code designators (5LNC's) with the appropriate Regional Office and adhere to the rules for relocating 5LNC's (Ref Annex 11, Appendix 2, Section 3, Paragraph 3.4. and 3.5)
3. A five-letter name-code (5LNC) shall be 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**.
4. 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.
5. 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.
6. Any suggestions to improve these guidelines are welcome. Please contact:

Isabelle Hofstetter
ICARD Data Manager - ICAO EUR/NAT
ihofstetter@paris.icao.int
icaoeurnat@paris.icao.int (Central Registry)
<http://www.icao.int/eurnat/Pages/welcome.aspx>

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. Please request an account on the ICAO Secure Portal <http://portal.icao.int/>, and subscribe to the group ICARD.

ICARD Authorized User

- The ICARD authorized users are nominated by their State.
- The ICAO Regional Office should be informed of the name(s) of the persons who will act as ICARD authorized user.
- The ICARD authorized user 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 ICARD authorized user 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:

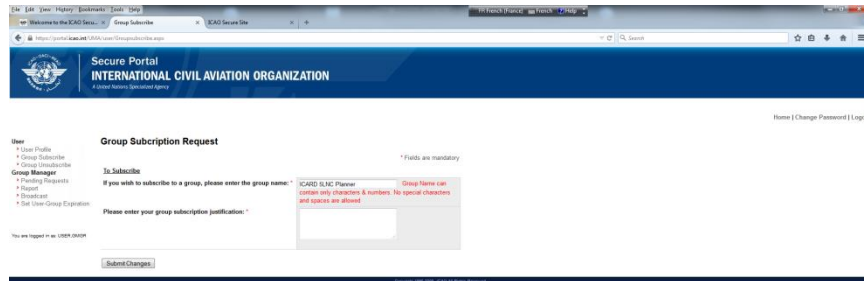
- analyse your request for access and, if approved, will confirm to the ICAO portal administrator your name and state. A first automatic notification will be forwarded to you to continue the registration process on the ICAO portal.
- review and accept or refuse your request for 5LNC.

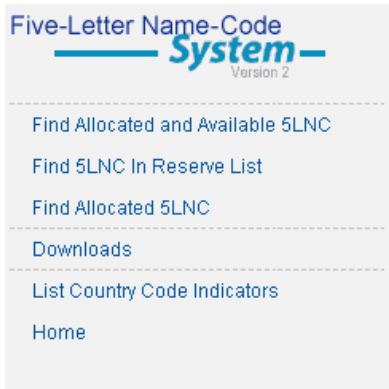
SECTION 1 ACCESSING ICARD AND REGISTRATION PROCEDURE

Public access to ICARD is available, with prior registration to the ICAO Secure Portal as follows:



When you have been granted an account, please click on profile, then group subscribe and enter ICARD



ICARD MENU FOR PUBLIC 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 5LNC. Details of the allocated codes (coordinates as well as coordinating country) are given.

“Find 5LNC in Reserve List”

The list contains all 5LNC currently available and the ICAO region to which they belong. The available 5LNC were divided between all the ICAO regions when 5LNC were introduced in the mid 1970s and each Region has a ‘pool’ of codes allocated to it.

“Find Allocated 5LNC”

This option provides the geographical coordinates and State using a particular 5LNC but only if it is in the ICARD database. Where a State has used a ‘non-approved’ 5LNC that has not been adopted into ICARD this information will not be provided.

“Downloads”

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

Lists of duplicate codes can also be generated.

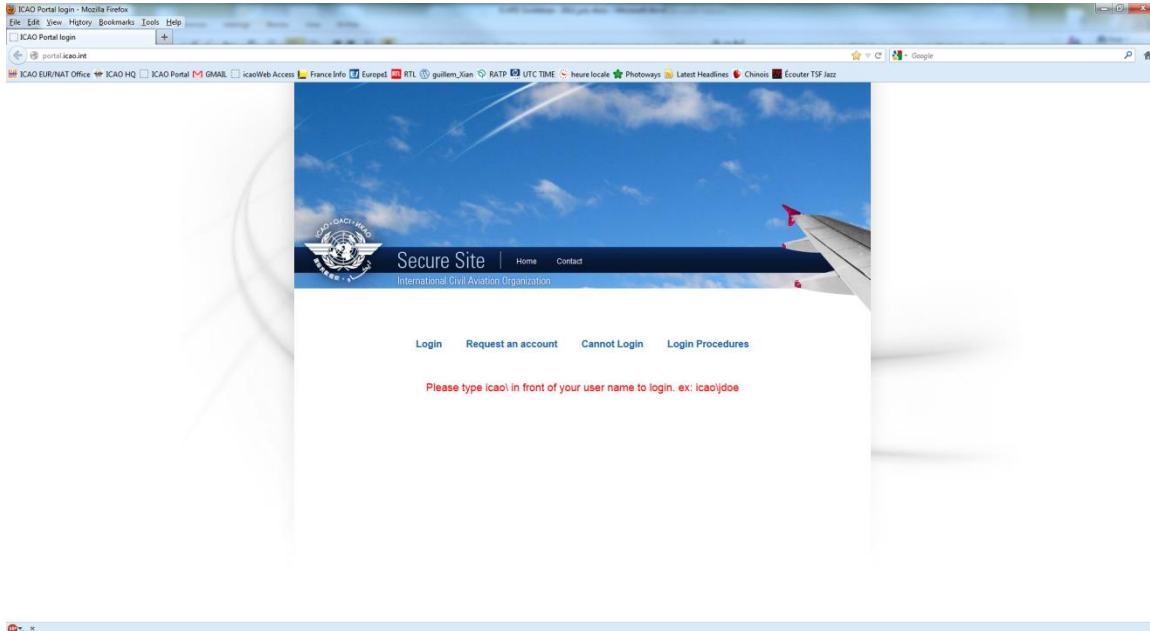
***Sound-like proximity* can also be verified from the first three sub-items of the public user menu.

REGISTRATION PROCEDURE TO BE AN AUTHORIZED USER

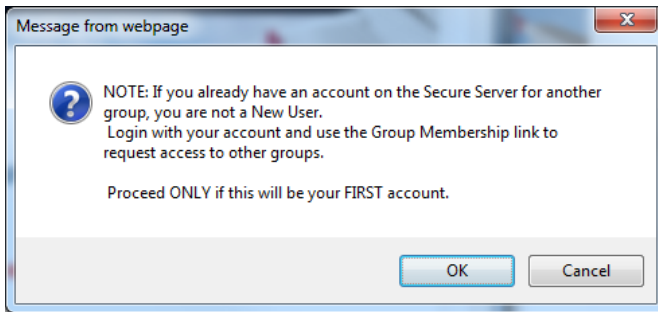
The ICARD authorized user registration is a **two-step process** .

Step 1 - Requesting ICARD Access

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



- **Request an account**



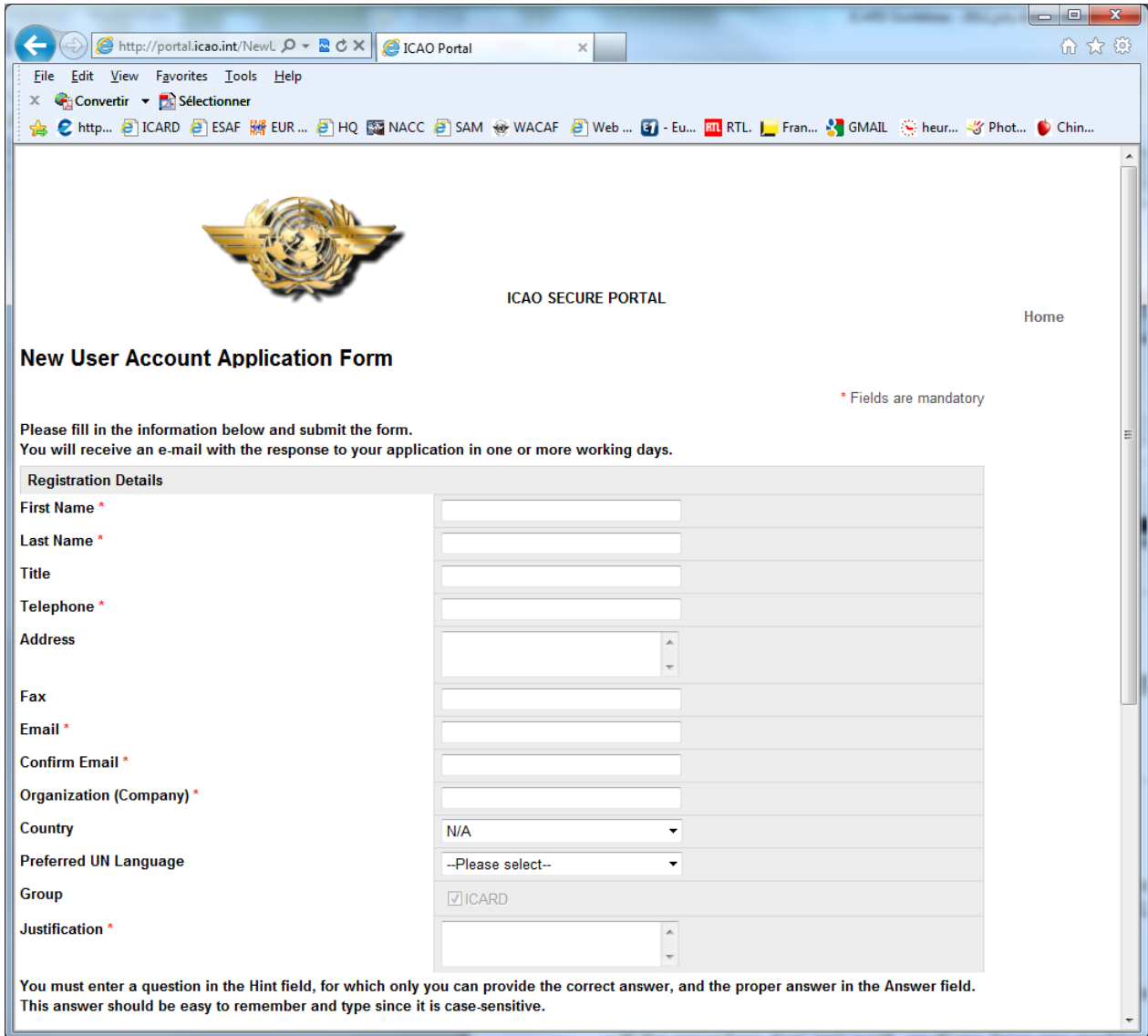
- ❖ Registration on the ICAO portal will also serve for other ICAO topics / fields

- Press **OK** to proceed

- **Subscription to “ICARD”**



➤ Your details are required for the registration part



ICAO 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 authorized user for x Country”).

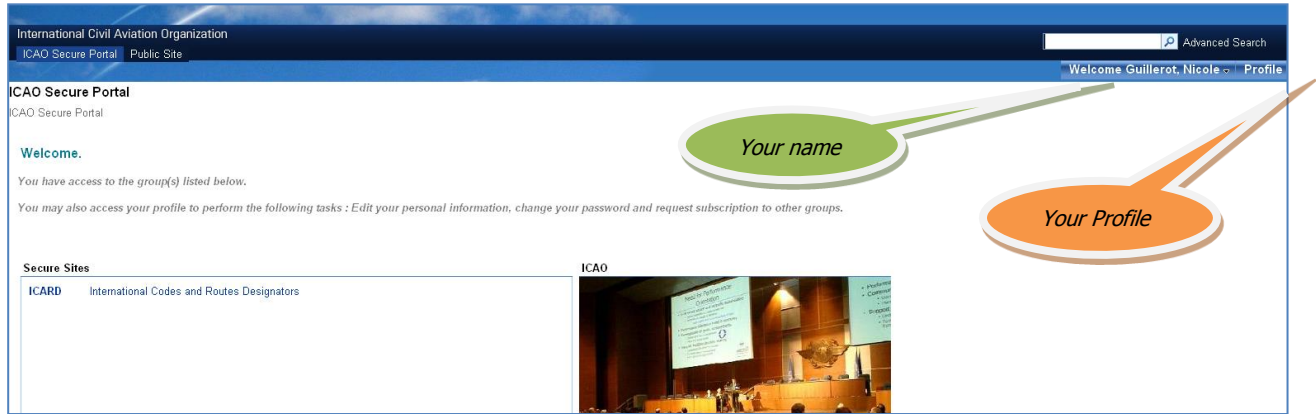
➤ After “Step 1”,

- ✓ 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

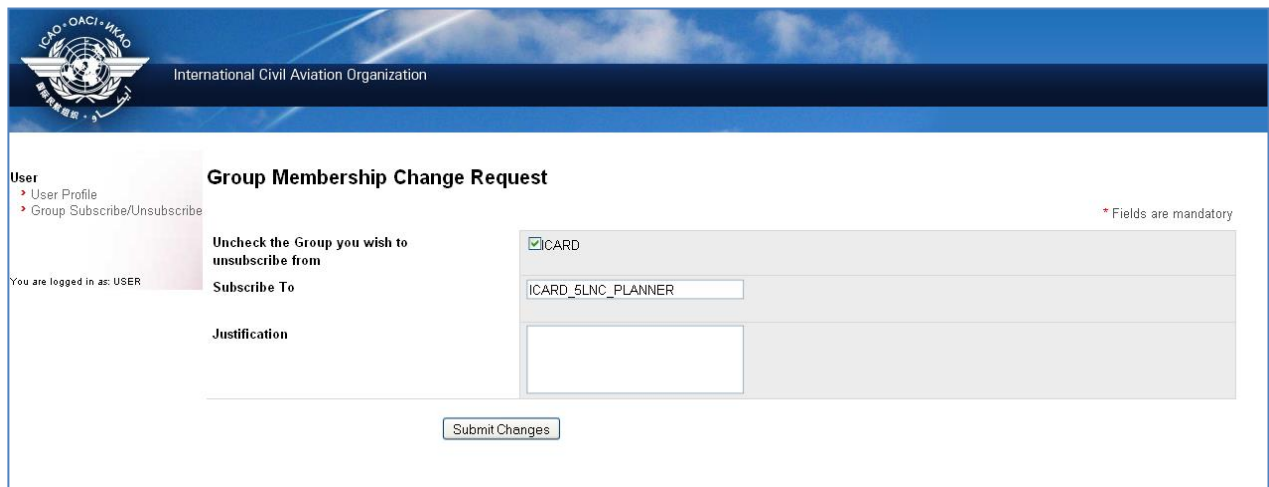
1. Log in with your new user id and password.
2. Click on the “Profile” link located on the top right corner of the page (Figure 4).



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



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

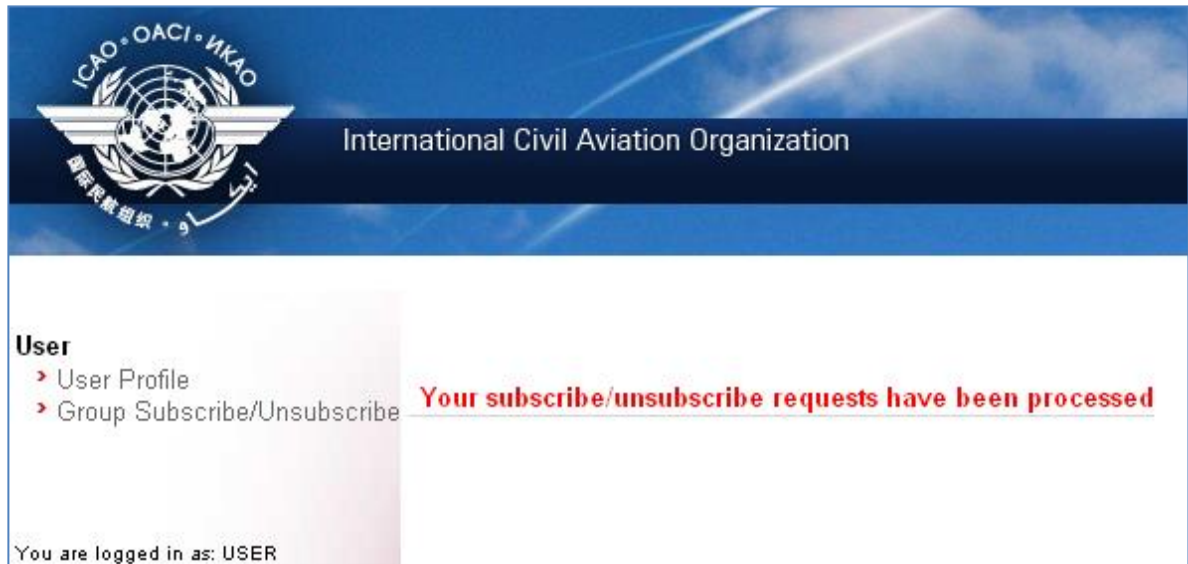


➤ **Note:**

- *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 persons 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.

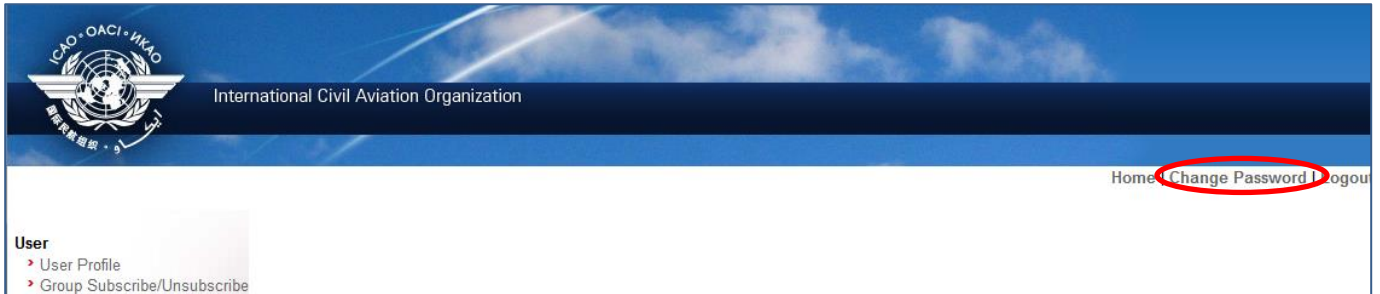
“Dear Mr/Ms xxx,

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

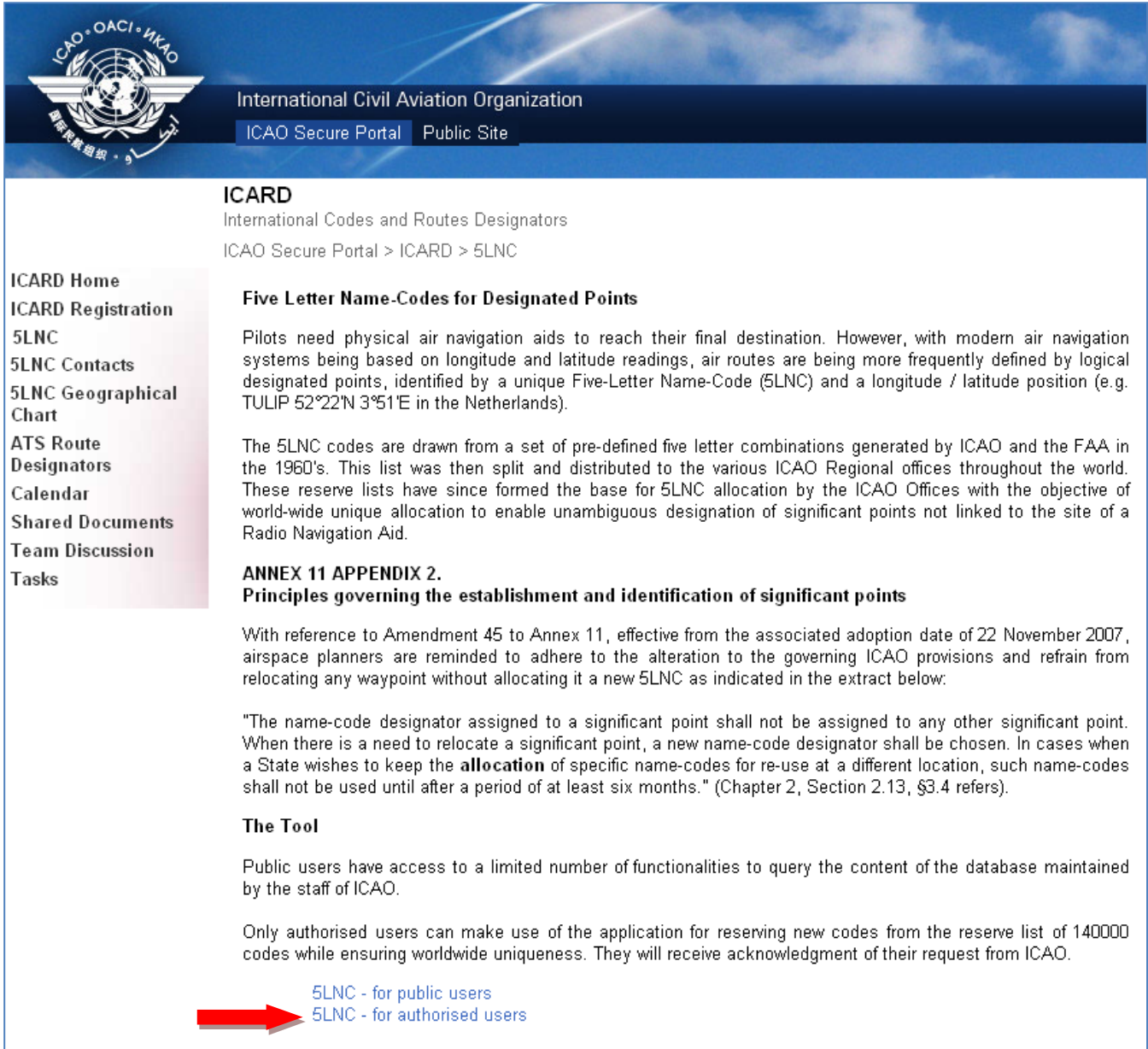


PASSWORD FORGOTTEN

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".

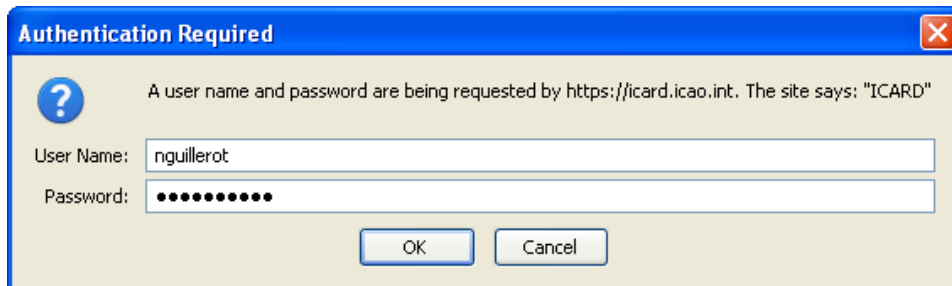
The main content area is titled "ICARD" and "International Codes and Routes Designators". Below this, it says "ICAO Secure Portal > ICARD > 5LNC". The section is titled "Five Letter Name-Codes for Designated Points". The text explains that pilots need physical air navigation aids, but modern systems 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 5LNC 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 "5LNC - for authorised users" 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 text are two input fields: "User Name:" with the value "nguillerot" and "Password:" with a masked password of ten dots. At the bottom of the dialog 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 15)
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 <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>
Requests By Block	This function is available only when the ICARD Regional Data Manager has approved a block of codes for an Authorized User. This option is done on exceptional cases
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 for your Region, you can select and proceed to make a request
- **Black** means the 5LNC is available but belongs to another ICAO Region
 - Contact your ICARD Regional 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 Regional 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

RECOMMENDED METHOD TO SEARCH FOR 5LNC

Searching with known coordinates but without specific patterns

- 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 check is automatically performed for the proposed 5LNC.
- The number of resulting 5LNC is greater.
- Fill in only the coordinates in the “Random proximity search at”.
- The radius for search (NM) is 300 NM. *(NB: For EUR Region)*

Find 5LNC in Reserve List [HELP]

Search Criteria

Search for:

Sound like:

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

Region: EURINAT - Paris

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: EURINAT - Paris

Search Results

IVBAB	GATGA	QITEP					
LOLNO	UBULI	ITVOM					
OTSOR	EMGES	XEBIT					
KUDED	ODPEK	UMUBA					
NURVA	KUVEK	XITVI					
ADSEI	ASGSE	NULFU					
ELMAD	NAXEN	EVIBO					
IVLIB	LLEPI	IBRIV					
ADUTI	ELGOK	ERSAD					
EKLOR	IRIGI	OSLEK					

OTHER METHODS

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 Regional Data Manager on the possibility of transfer of the 5LNC

The screenshot shows the 'Five-Letter Name-Code System' web interface. The main heading is 'Find Allocated and Available 5LNC'. There are three radio buttons for search criteria: 'Reserve List', 'Allocated List', and 'Both' (which is selected). The search criteria section has a 'Code' field containing 'merli' and a 'Search' button. To the right, there are fields for 'Latitude' and 'Longitude' with a 'Map' button. Below the search criteria, there are sections for 'Search Results', 'Available codes', and 'Allocated codes'. The 'Allocated codes' section contains a table with one entry: 'MERLI' (Type: Non-ICAO, Lat: 422844.68N, Lon: 1231513.39W, Coord. States: USA, Purpose: , Decision Date: 27/09/2000, Action: D, M). The footer includes copyright information for EUROCONTROL 2003 and a logo for Julian Consulting.

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

* * * * *

Searching any 5LNC without specific Search Criteria

The screenshot shows the 'Find 5LNC in Reserve List' web application. The search criteria are set to 'EUR/NAT - Paris'. The search results are displayed in a grid of 10 columns, with each cell containing a 5-letter name code. The codes are listed in alphabetical order. Some codes are highlighted in blue, indicating they are available. The interface includes a sidebar with navigation links, search filters, and a pagination bar at the bottom.

Search Criteria	Random proximity search at
Search for: *	Radius of search(Nm.): 500
Sound like:	Latitude:
Excluding the letter(s): (e.g.: A, T, S)	DDMM[SS.ss]H where H is 'N' or 'S'
Region: EUR/NAT - Paris	Longitude:
	DDMM[SS.ss]H where H is 'E' or 'W'
	Reserve list of: EUR/NAT - Paris

Search Results																																																																																																				
<table border="0"> <tr> <td>ABAVI</td><td>ABDEM</td><td>ABDIS</td><td>ABDOT</td><td>ABEBU</td><td>ABESU</td><td>ABGAL</td><td>ABGEM</td><td>ABGIK</td><td>ABGOM</td> </tr> <tr> <td>ABAXO</td><td>ABDEP</td><td>ABDIT</td><td>ABDOV</td><td>ABEDO</td><td>ABETU</td><td>ABGAM</td><td>ABGEP</td><td>ABGIM</td><td>ABGON</td> </tr> <tr> <td>ABDAR</td><td>ABDES</td><td>ABDIV</td><td>ABDUB</td><td>ABEDU</td><td>ABEVI</td><td>ABGAP</td><td>ABGER</td><td>ABGIP</td><td>ABGOP</td> </tr> <tr> <td>ABDAS</td><td>ABDET</td><td>ABDIX</td><td>ABDUD</td><td>ABEGI</td><td>ABEVU</td><td>ABGAT</td><td>ABGES</td><td>ABGIS</td><td>ABGOS</td> </tr> <tr> <td>ABDAT</td><td>ABDEV</td><td>ABDOD</td><td>ABDUG</td><td>ABEGU</td><td>ABEXO</td><td>ABGAV</td><td>ABGET</td><td>ABGIT</td><td>ABGOV</td> </tr> <tr> <td>ABDAV</td><td>ABDIR</td><td>ABDOG</td><td>ABDUM</td><td>ABEKU</td><td>ABEXU</td><td>ABGAX</td><td>ABGEV</td><td>ABGIV</td><td>ABGOX</td> </tr> <tr> <td>ABDAX</td><td>ABDID</td><td>ABDOL</td><td>ABDUP</td><td>ABELI</td><td>ABGAR</td><td>ABGEB</td><td>ABGEX</td><td>ABGIX</td><td>ABGUB</td> </tr> <tr> <td>ABDEB</td><td>ABDIG</td><td>ABDOM</td><td>ABDUV</td><td>ABENU</td><td>ABGAD</td><td>ABGED</td><td>ABGIR</td><td>ABGIB</td><td>ABGUD</td> </tr> <tr> <td>ABDED</td><td>ABDIK</td><td>ABDOP</td><td>ABDUX</td><td>ABEPA</td><td>ABGAG</td><td>ABGEG</td><td>ABGID</td><td>ABGOG</td><td>ABGUG</td> </tr> <tr> <td>ABDEG</td><td>ABDIP</td><td>ABDOR</td><td>ABERI</td><td>ABEPU</td><td>ABGAK</td><td>ABGEM</td><td>ABGIG</td><td>ABGOK</td><td>ABGUK</td> </tr> </table>	ABAVI	ABDEM	ABDIS	ABDOT	ABEBU	ABESU	ABGAL	ABGEM	ABGIK	ABGOM	ABAXO	ABDEP	ABDIT	ABDOV	ABEDO	ABETU	ABGAM	ABGEP	ABGIM	ABGON	ABDAR	ABDES	ABDIV	ABDUB	ABEDU	ABEVI	ABGAP	ABGER	ABGIP	ABGOP	ABDAS	ABDET	ABDIX	ABDUD	ABEGI	ABEVU	ABGAT	ABGES	ABGIS	ABGOS	ABDAT	ABDEV	ABDOD	ABDUG	ABEGU	ABEXO	ABGAV	ABGET	ABGIT	ABGOV	ABDAV	ABDIR	ABDOG	ABDUM	ABEKU	ABEXU	ABGAX	ABGEV	ABGIV	ABGOX	ABDAX	ABDID	ABDOL	ABDUP	ABELI	ABGAR	ABGEB	ABGEX	ABGIX	ABGUB	ABDEB	ABDIG	ABDOM	ABDUV	ABENU	ABGAD	ABGED	ABGIR	ABGIB	ABGUD	ABDED	ABDIK	ABDOP	ABDUX	ABEPA	ABGAG	ABGEG	ABGID	ABGOG	ABGUG	ABDEG	ABDIP	ABDOR	ABERI	ABEPU	ABGAK	ABGEM	ABGIG	ABGOK	ABGUK
ABAVI	ABDEM	ABDIS	ABDOT	ABEBU	ABESU	ABGAL	ABGEM	ABGIK	ABGOM																																																																																											
ABAXO	ABDEP	ABDIT	ABDOV	ABEDO	ABETU	ABGAM	ABGEP	ABGIM	ABGON																																																																																											
ABDAR	ABDES	ABDIV	ABDUB	ABEDU	ABEVI	ABGAP	ABGER	ABGIP	ABGOP																																																																																											
ABDAS	ABDET	ABDIX	ABDUD	ABEGI	ABEVU	ABGAT	ABGES	ABGIS	ABGOS																																																																																											
ABDAT	ABDEV	ABDOD	ABDUG	ABEGU	ABEXO	ABGAV	ABGET	ABGIT	ABGOV																																																																																											
ABDAV	ABDIR	ABDOG	ABDUM	ABEKU	ABEXU	ABGAX	ABGEV	ABGIV	ABGOX																																																																																											
ABDAX	ABDID	ABDOL	ABDUP	ABELI	ABGAR	ABGEB	ABGEX	ABGIX	ABGUB																																																																																											
ABDEB	ABDIG	ABDOM	ABDUV	ABENU	ABGAD	ABGED	ABGIR	ABGIB	ABGUD																																																																																											
ABDED	ABDIK	ABDOP	ABDUX	ABEPA	ABGAG	ABGEG	ABGID	ABGOG	ABGUG																																																																																											
ABDEG	ABDIP	ABDOR	ABERI	ABEPU	ABGAK	ABGEM	ABGIG	ABGOK	ABGUK																																																																																											

Page 1 of 230 <<<< ... Previous 1 2 3 4 5 6 7 8 9 10 Next ... >>>>

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

Searching 5LNC with special patterns

Containing 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 “Post a request” (page 22)).

The screenshot displays a search form with the following fields and values:

- 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 form. Below the search form, the **Search Results** section lists the following 5LNC codes:

- [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	
EK RAT	IXIRU
EKRED	IXORI
EKREI	IXORO
EKRID	IXORU
EKROD	IXURA
EKRLD	IXURI
EKRLT	IXURO
IXIRA	IXURU
IXIRI	OKROD
IXIRO	OKRLT

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 N

Searching with multiple patterns

- Fill in both the fields:

Search for:

Sound like:

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

Region:

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”
-
- The Radius for search (NM) is 300NM. (NB: For EUR Region)
-

MainFrameset.do?NVCMID=framesetReloading

Find 5LNC in Reserve List

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:

Longitude:

Reserve list of:

Search Results

PABG	PEKUE	PEMAI	PENOM	PENEE	PENUP	PEPEK	PEPOF	PEREE	PESAV
PABVU	PEKUC	PEMEB	PEMOP	PENIN	PENUV	PEPEL	PEPOT	PERIR	PESEP
PEKEV	PEKUK	PEMED	PEMUB	PENIP	PENVB	PEPEP	PEPOB	PERIV	PESES
PEKKA	PEKON	PEMEO	PEMUC	PENIS	PENVD	PEPEX	PEPOL	PEROL	PESET
PEKKB	PEKOL	PEMEV	PEMUN	PENOS	PENVE	PEPER	PEPOM	PEROV	PESEV
PEKKK	PELAV	PEMIB	PEMUN	PENOV	PENVP	PEPEO	PEPUM	PERUT	PESIV
PEKIV	PELOI	PEMIM	PEMUP	PENOX	PEPWA	PEPEW	PEPUN	PESAB	PESIV
PEKKA	PELOU	PEMIS	PEMUT	PENNE	PEPEL	PEPEE	PEPUT	PESAC	PESOA
PEKOE	PEMAI	PEMUN	PEMUC	PENUD	PEPEO	PEPEV	PEPUN	PESAF	PESUB
PEKOC	PEMAF	PEMOC	PENAV	PENUC	PEPEO	PEPEO	PERAB	PESAV	PESUD

Feedback on random proximity search

Page 1 of 6

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Powered by JJulian Case

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 the latitude and longitude in degree, minute and seconds (do **not** include any decimals)
3. Fill-in “purpose”. Note: If there are several purposes for one 5LNC, 'Terminal Airspace' takes priority.
4. 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.*

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

The screenshot shows a web browser window titled "ICARD - Request for Code Allocation - Mozilla Firefox". The address bar shows the URL: https://icard.icao.int/ICARD_5LNC/CiController.do?COM=ShowModifAddRequestPopupPage&Id=10161040. The page content includes a header with the "Request for Code Allocation" logo and the text "PELIB" and "[HELP]". Below the header is a form with the following fields and controls:

- Latitude:** Input field containing "480740N". To the right is the text "DDMM[SS.ss]H where H is 'N' or 'S'".
- Longitude:** Input field containing "0073010W". To the right is the text "DDDMM[SS.ss]H where H is 'E' or 'W'".
- Purpose:** A dropdown menu currently showing "Terminal Airspace (SID/STAR/HLDG)". To the right is the text "Proximity check done" with a checked checkbox.
- Comment:** A text area containing the text "(test for workshop purposes - request will be withdrawn - NG-ICAO EUR/NAT)".
- Requested by:** Text field containing "Nicole Guillerot France".
- For Countries :** A section with "FRA" and "France" listed. To the right are buttons for "Delete co-ordinating country: Del" and "Add co-ordinating country: Add".
- Other:** A dropdown menu currently showing "--Other--".
- Buttons:** "Submit" and "Cancel" buttons are located at the bottom of the form.

The browser's status bar at the bottom shows "Done" and various system icons.

CHECKING PROXIMITY

Checking the sound-like proximity of a 5LNC is **mandatory** and is the **responsibility of the Authorised User**. It is also the Authorised User's responsibility to coordinate any sound-like issues/mitigations with relevant States, if required.

- The list of codes provided by ICARD should be considered as a support for identifying any possible sound-like conflicts. The Authorised User will base his/her consideration of this list, together with the purpose of use of the 5LNC requested, i.e. usage in RT, flow orientation or SID/STAR purposes, to determine valid sound-like conflicts.
- When an Authorised User has ticked the box for "Proximity check done", he/she is confirming that he/she has either checked that the 5LNC requested is not located close to another similar sounding 5LNC or that no sound-like issue are expected due to the specific use of the 5LNC requested, and has therefore met this requirement.

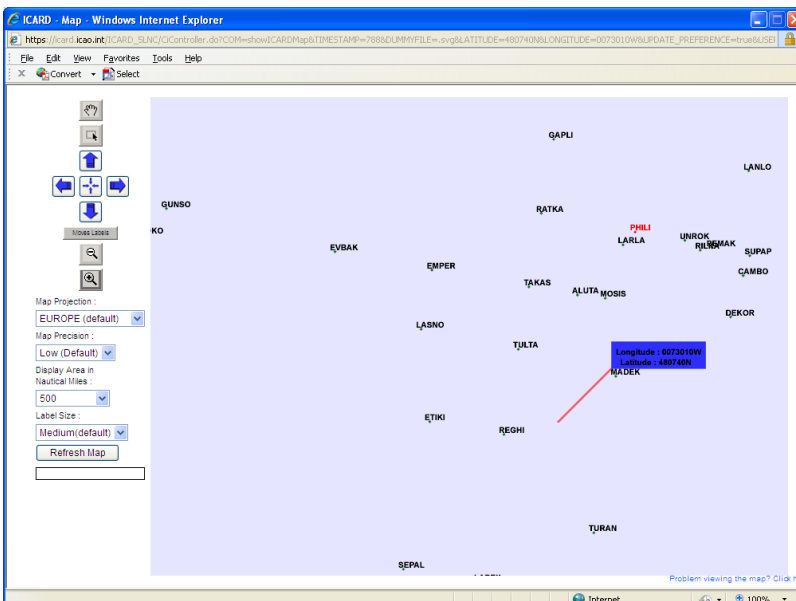
Note: In the current ICARD platform, the sound-like proximity check is not made of 5LNC that are still of 'requested' status (in orange) but only of those that are of 'allocated' status (in red).

- The Data Manager **will refuse requests that are not safety checked and confirmed**.
- Even if a 5LNC is automatically generated from given coordinates, it is advised to do this check.

is 'N' or 'S'	Proximity Search	
H is 'E' or 'W'	Map	List
Proximity check done	<input checked="" type="checkbox"/>	

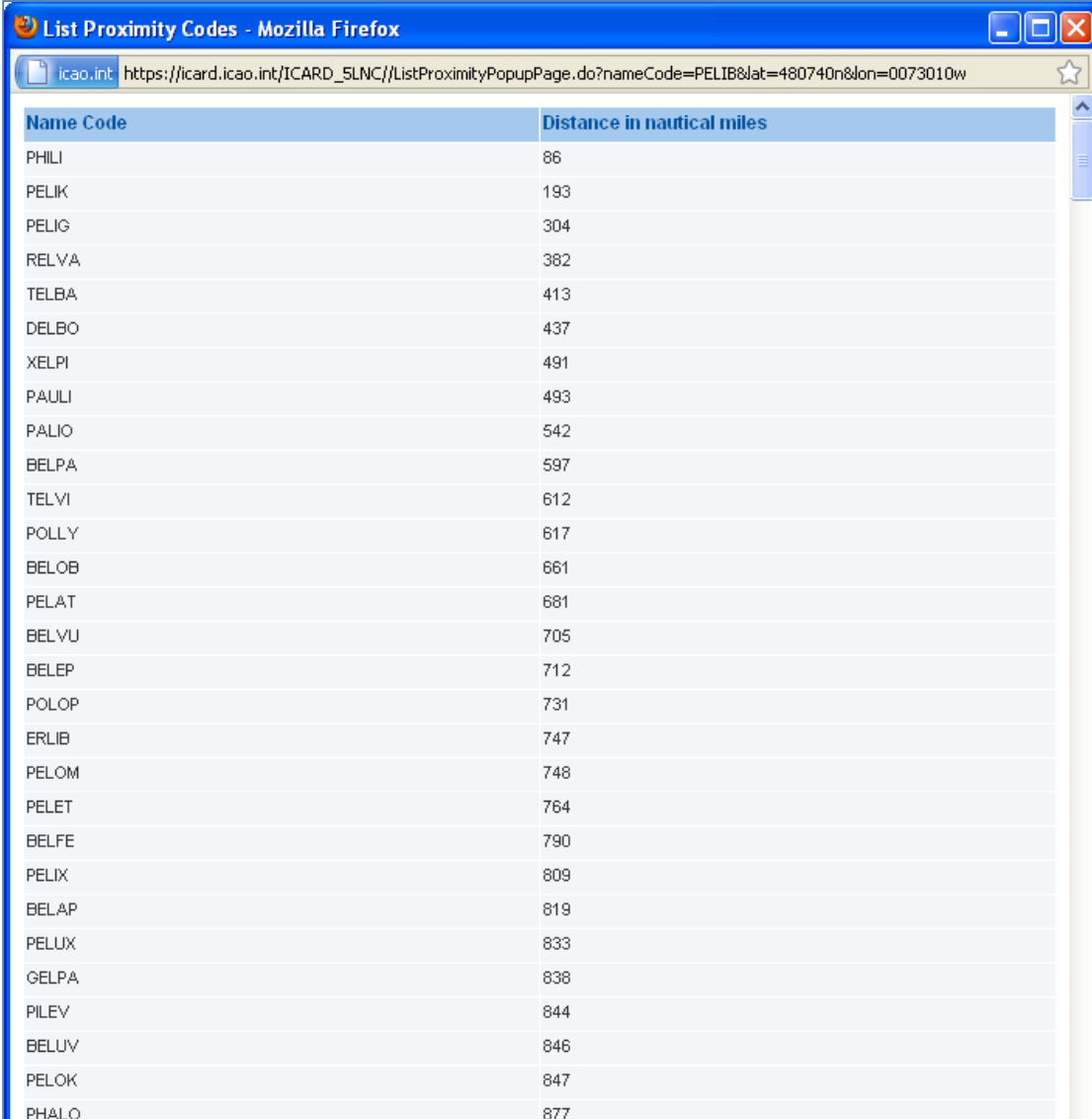
Checking proximity with "MAP" function

- Internet Explorer is the only internet browser that supports the SVG map function of ICARD.
- For Netscape or Mozilla Firefox, please contact your ICARD Regional Data Manager 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
PALJO	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
PELLUX	833
GELPA	838
PILEV	844
BELUV	846
PELOK	847
PHALO	877

1. After checking with either or both “Map” and “List” sound-like proximity functions, the authorized user may submit the request.
2. A notification will be sent automatically after the ICARD 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



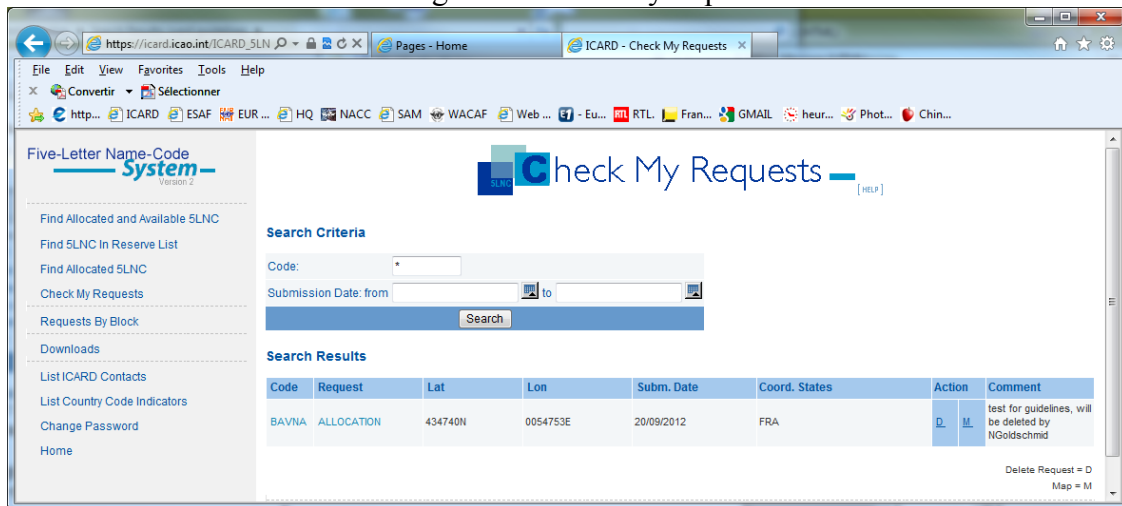
!! Important !! Your request has been successfully recorded BUT NOT YET approved.

It is mandatory for States to wait for Notification of allocation by the ICARD Regional data manager before proceeding to publication in AIP. The ICARD Regional Data Manager shall approve/reject 5LNC requests within 20 working days.

If requests are urgent, ICARD Authorised Users shall inform the ICARD Regional Data Manager by e-mail to expedite processing.

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

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 Regional Data Manager shall approve/reject 5LNC requests within 20 working days.**He/She checks the correctness of your request and that the sound-like proximity is confirmed.
2. He/she checks whether a duplicate of the requested code is already existing worldwide and takes the appropriate action if necessary.
3. 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.icaeurnat@paris.icao.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 146418585 - Fax: +33 1 46418500 - E-mail : icaeurnat@paris.icao.int - website : www.paris.icao.int

REQUIREMENT FOR 5LNC PUBLICATION

States shall wait for Notification of 5LNC allocation by the ICARD Regional Data Manager BEFORE proceeding to 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.

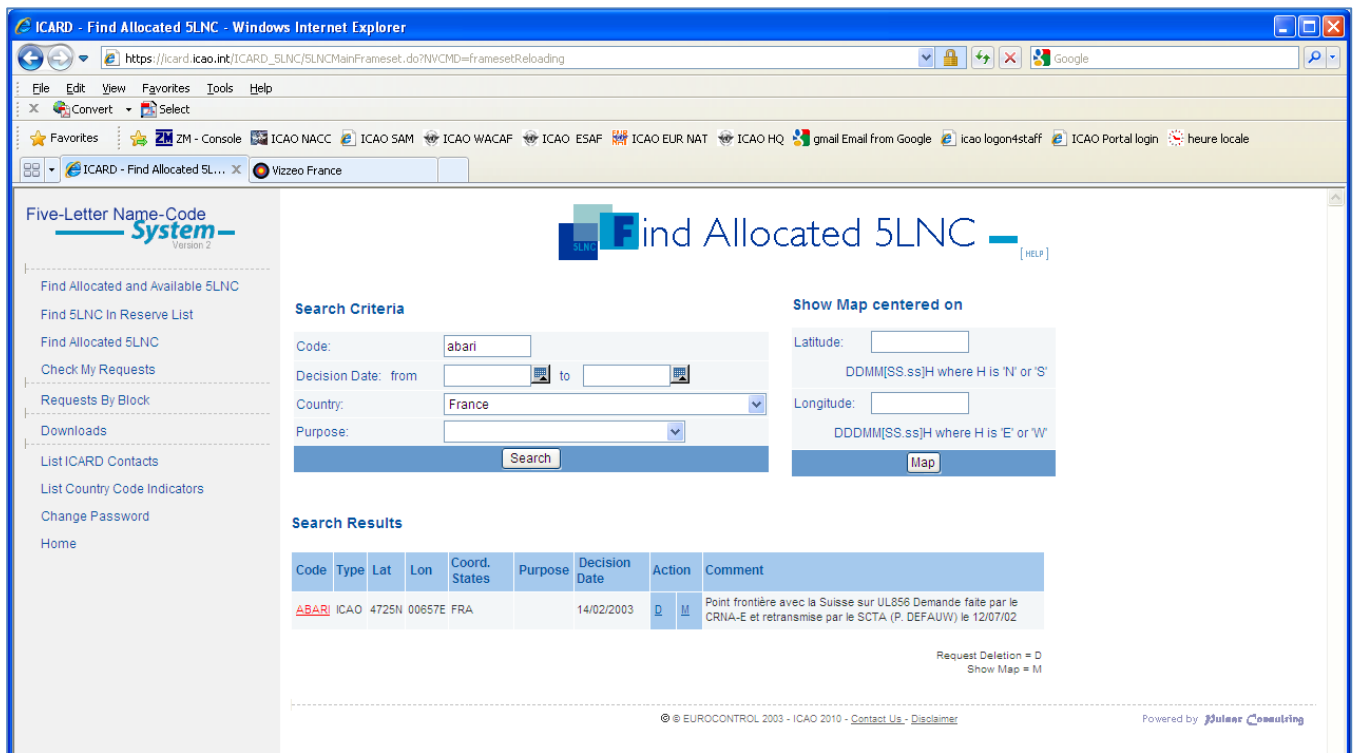
SECTION 5 AMENDING AND RELEASING 5LNC

AMENDMENTS TO 5LNC

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 information in the “comment box”.

AMENDMENTS TO COORDINATES

- Will be accepted **ONLY** if the 5LNC has not yet been published.
- When, for planning purposes, a 5LNC is requested with temporary coordinates, the Authorized User will state “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.



RELEASE OF 5LNC


When a 5LNC is no longer used, the Authorised User shall 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, of the same ICAO Region.

AMENDMENT OR RELEASE OF SHARED CODES

- if a code is **shared with another country**, the Authorised User shall coordinate with the other State and make sure that the code can be released.
- If the action required is 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**.



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	<input type="button" value="D"/> <input type="button" value="M"/>	Demande exprimee par SNA/O le 19/01/10 - Procedures 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

The screenshot shows the 'Five-Letter Name-Code System' interface. On the left is a navigation menu with options like 'Find Allocated and Available 5LNC', 'Downloads', and 'Home'. The main area contains four sections for generating reports:

- List All Per Country:** Region: [Please Select a region], Countries: France, [Launch Report]
- List All Per Code:** Region: [Please Select a region], Countries: France, [Launch Report]
- List Duplicates Per Country:** Region: [Please Select a region], Countries: France, [Launch Report]
- List Duplicates Per Code:** Region: EUR/NAT - Paris, Countries: [Please Select a country], [Launch Report]

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

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

<i>Part V.II - ATS</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	
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 web application interface. The browser address bar displays <https://icard.icao.int/ICARD>. The page title is "Five-Letter Name-Code System - Version 2". The main content area displays a table titled "List of Duplicates 5LNC per Name Code" with the following data:

<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		
* 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	Chuleeporn Jessie Leemanan pjirawiwatkul@icao.int	Shane Sumner ssumner@icao.int Len Wicks lwicks@icao.int
ESAF	David Labrosse dlabrosse@icao.int	Seboeso Machobane smachobane@icao.int
EUR/NAT	Isabelle Hofstetter ihofstetter@paris.icao.int	Patricia Cuff pcuff@paris.icao.int
MID	Elie Khoury eKhoury@icao.int	Abbas Niknejad aniknejad@icao.int
NACC	Victor Hernandez vhernandez@icao.int	Raul Martinez rmartinez@icao.int Ana Valencia avalencia@icao.int
SAM	Roberto Arca Jaurena rarc@icao.int	Ursula Danuser udanuser@icao.int
WACAF	Albert Taylor ATaylor@icao.int	George Baldeh gbaldehy@icao.int ASECNA: Alexandre DAMIBA [aldamiba@hotmail.com] 25, Liberté 6 Extension, Dakar Sénégal Tél.: B: +221 33 869 57 76 C: +221 77 646 95 83 D: +221 33 867 00 73 skype: damiba.alexandre dialloamad@asecna.org alladoumngayeRey@asecna.org ngoma-

		mbyala@asecna.org
FAA	Curtis E Davis curtis.davis@faa.gov	

- END -