

ICAO CODES AND ROUTES 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 2.15; 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. (Ref. Annex 11, Appendix 2, Section 3, Paragraph 3.5) and adhere to the rules for relocating 5LNC's as stated in Annex 11, Appendix 2, Section 3, Paragraph 3.4.
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:

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Technical support is provided by Hong Feng Zhao at ICAO Headquarters: hfzhao@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

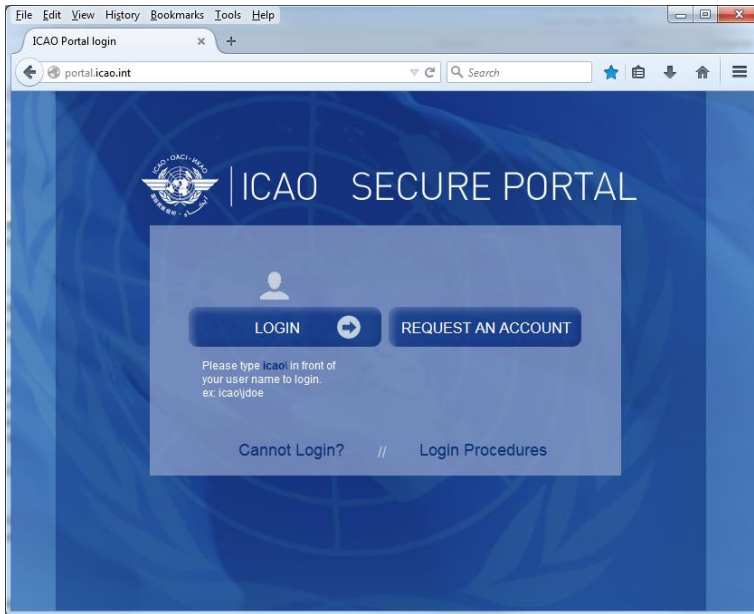
Each ICAO Regional Office has a nominated ICARD Data Manager and an alternate. The ICARD focal point in your respective ICAO regional office will:

- Analyze 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.

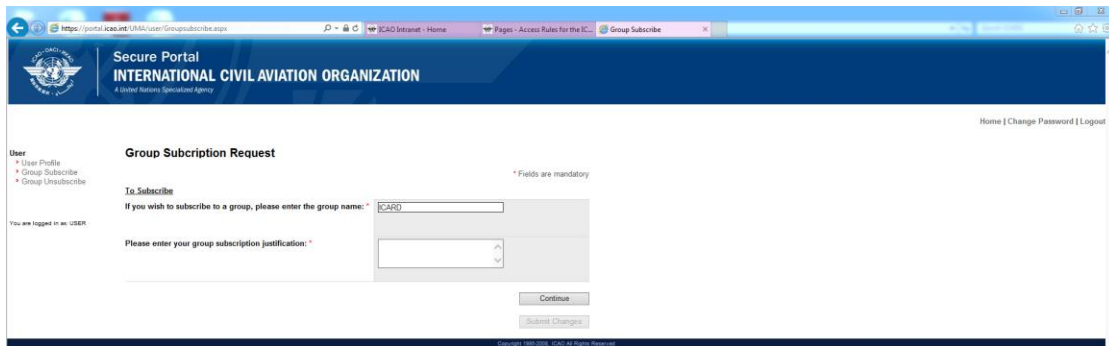
SECTION 1 ACCESSING ICARD AND REGISTRATION PROCEDURE

PUBLIC USERS

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:

Under the “**5LNC**” menu:

“*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 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.

Under the “**Downloads**” menu:

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

Lists of duplicate codes can also be generated.

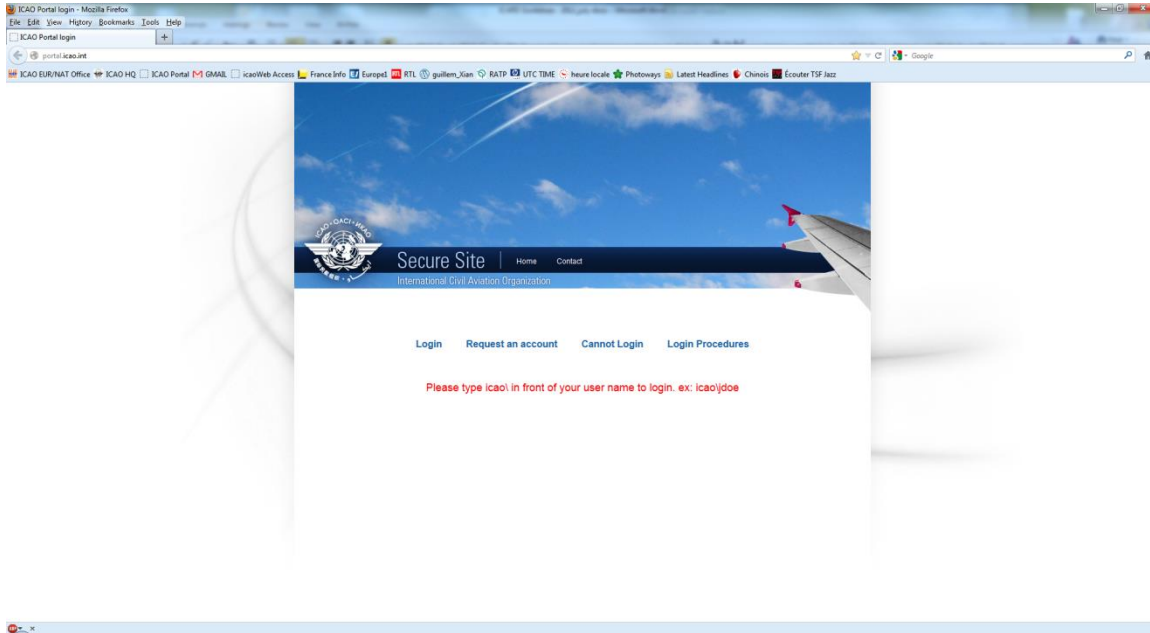
***Sound-like proximity* can also be verified from the first three sub-items of the public user menu.

REGISTRATION PROCEDURE TO BE AN AUTHORIZED USER

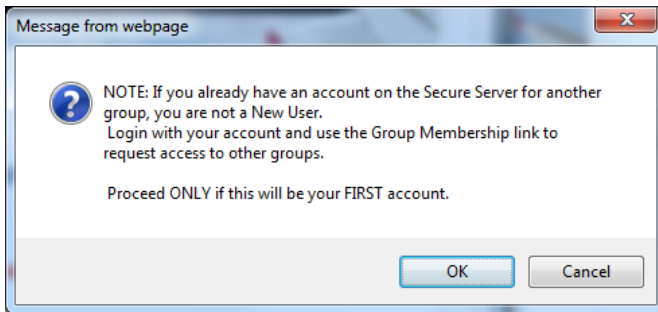
The ICARD authorized user registration is a **two-step process** .

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”** – Type **“ICARD”** and complete the justification box.



Secure Portal
INTERNATIONAL CIVIL AVIATION ORGANIZATION
A United Nations Specialized Agency

User
 > User Profile
 > Group Subscribe
 > Group Unsubscribe

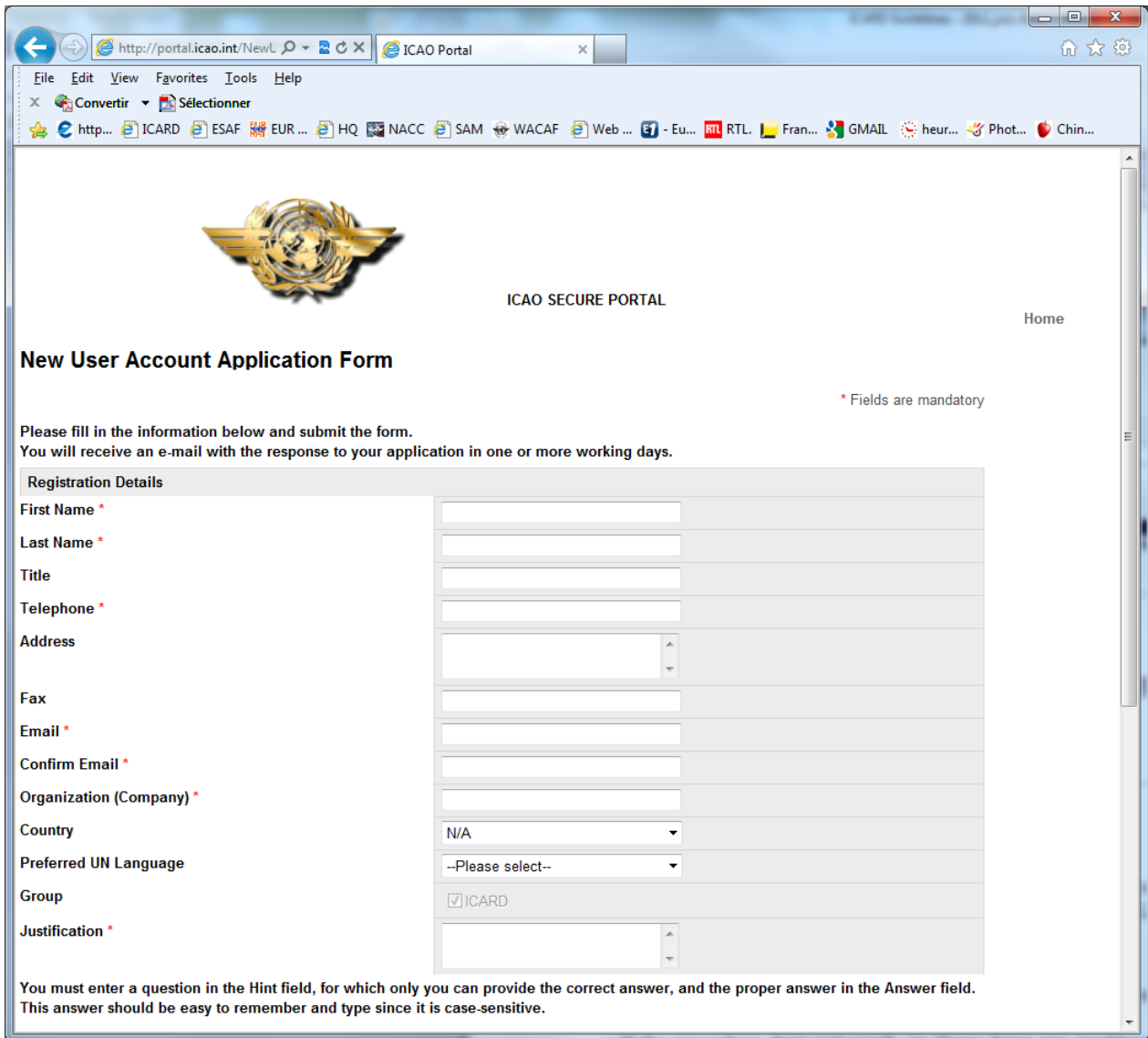
Group Subscription Request * Fields are mandatory

To Subscribe
 If you wish to subscribe to a group, please enter the group name: *

Please enter your group subscription justification: *

You are logged in as: USER

➤ Your details are required for the registration part




http://portal.icao.int/NewL... ICAO Portal

File Edit View Favorites Tools Help

Convertir Sélectionner

http... ICARD ESAF EUR... HQ NACC SAM WACAF Web... - Eu... RTL RTL Fran... GMAIL heur... Phot... Chin...



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.

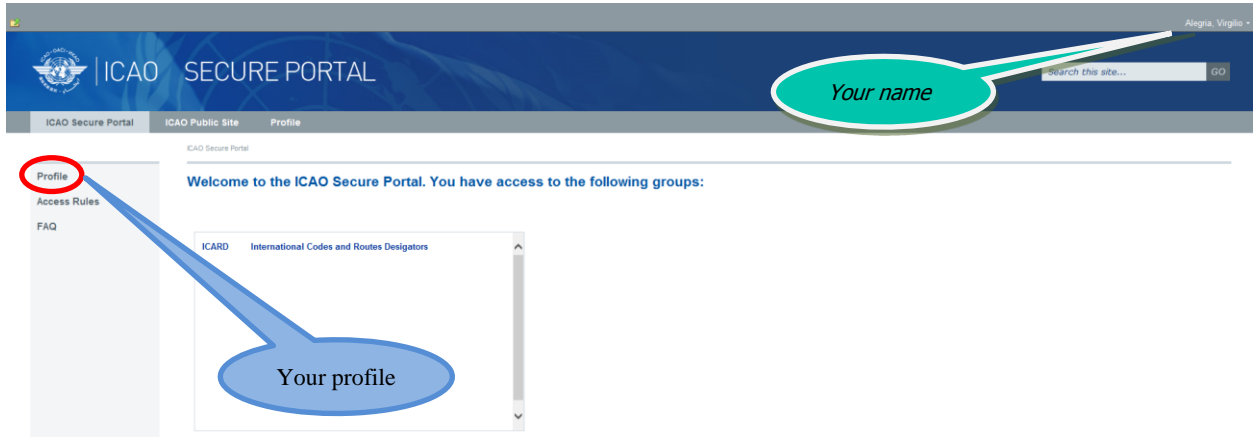
Note: (**Justification*** can be : “nominated ICARD authorized user for x Country”).

- 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 left corner of the page (Figure 4).



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



- User**
- User Profile
 - Group Subscribe
 - Group Unsubscribe

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



User

- User Profile
- Group Subscribe
- Group Unsubscribe

You are logged in as: USER

Group Subscription Request

* Fields are mandatory

To Subscribe

If you wish to subscribe to a group, please enter the group name: *

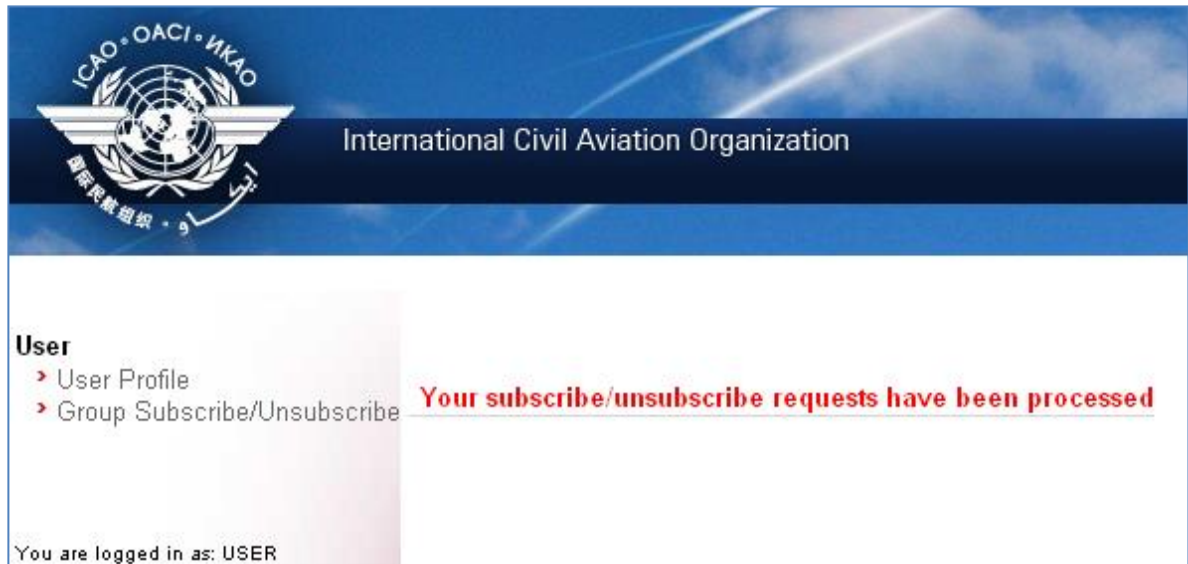
Please enter your group subscription justification: *

➤ **Note:**

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

5. Finalize 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.

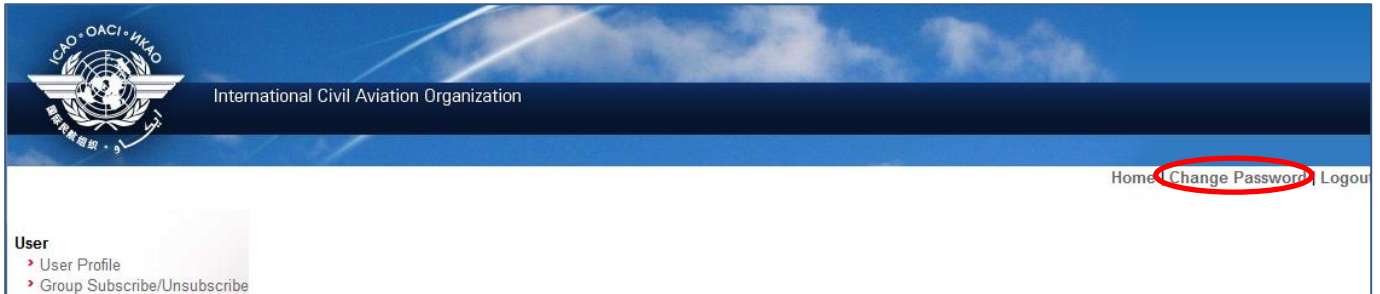
“Dear Mr/Ms xxx,

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

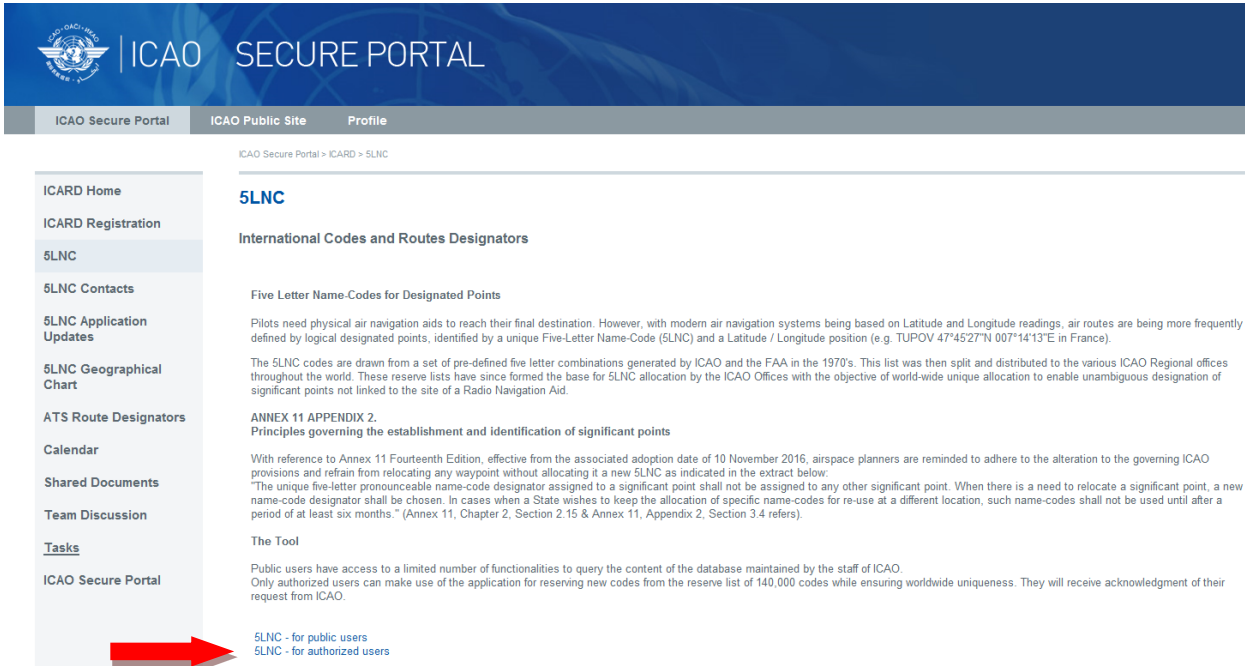


PASSWORD FORGOTTEN

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



ICAO SECURE PORTAL

ICAO Secure Portal | ICAO Public Site | Profile

ICAO Secure Portal > ICARD > 5LNC

5LNC

International Codes and Routes Designators

Five Letter Name-Codes for Designated Points

Pilots need physical air navigation aids to reach their final destination. However, with modern air navigation systems being based on Latitude and Longitude readings, air routes are being more frequently defined by logical designated points, identified by a unique Five-Letter Name-Code (5LNC) and a Latitude / Longitude position (e.g. TUPOV 47°45'27"N 007°14'13"E in France).

The 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.

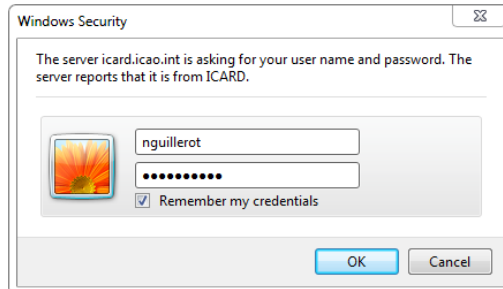
ANNEX 11 APPENDIX 2.
Principles governing the establishment and identification of significant points

With reference to Annex 11 Fourteenth Edition, effective from the associated adoption date of 10 November 2016, airspace planners are reminded to adhere to the alteration to the governing ICAO provisions and refrain from relocating any waypoint without allocating it a new 5LNC as indicated in the extract below:
"The unique five-letter pronounceable 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." (Annex 11, Chapter 2, Section 2.15 & Annex 11, Appendix 2, Section 3.4 refers).

The Tool

Public users have access to a limited number of functionalities to query the content of the database maintained by the staff of ICAO. Only authorized users can make use of the application for reserving new codes from the reserve list of 140,000 codes while ensuring worldwide uniqueness. They will receive acknowledgment of their request from ICAO.

5LNC - for public users
5LNC - for authorized users



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 16 and 31); or - Select available 5LNC to make requests for allocation (see page 16)
Find 5LNC in Available List	To select available 5LNC and make a request for allocation (see page 18)
Find Allocated 5LNC	To select specific allocated 5LNC to view information or amend or release (see pages 16 and 31)
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 33-35)
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 13)
Home	Opens the ICARD page on the ICAO portal

SECTION 3 SEARCHING AND SELECTING 5LNC

COLOR CODES OF 5LNCs IN ICARD

- **Green** means the 5LNC is available for your Region, you can select and proceed to make a request
- **Blue** means the 5LNC is available but it 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,
 - may be part of a reserved block or,
 - it's 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
- **Purple** means historical data, the 5LNC was used by a Country at some point in the past, some codes may come up multiple times in purple

Note: All available codes will be displayed in blue to non-authorized (public) users regardless of region.

SEARCHING FOR 5LNCs

There are 3 functions to search for 5LNCs under the “5LNC” menu:

Find Allocated and Available 5LNC

Global Search

ICARD can perform a global search using the wild card symbol “*” and the Region filter box. The default region will be your region until you switch it manually.

The Global Search will return two lists:

- a. The “Available List” (upper list) will show available codes in your region (green), available codes in other regions (blue), and reserved codes (yellow); and the region to which they belong.
- b. The “Allocated List” (lower list) will show allocated codes (red), frozen codes for a period of 6 months (yellow), and historical data codes (purple); along with more detailed information (country, coordinates).

Find Allocated and Available 5LNC

SEARCH CRITERIA SHOW MAP CENTERED ON

Code: Search Latitude: Longitude: Map

Region: All DDDMMSS[.ss]H where H is 'N' or 'S' DDDMMSS[.ss]H where H is 'E' or 'W'

Search Results






















Available codes Green-----Available Blue-----Unavailable Orange-----Reserved Red-----Allocated Purple-----History

AGLIT (NACC)	AGLUB (EUR/NAT)	AGMEG (NACC)	AGMIX (EUR/NAT)	AGMUB (EUR/NAT)	AGNAL (NACC)	AGNON (EUR/NAT)	AGOBV (APAC)	AGOLU (EUR/NAT)	AGORO (APAC)
AGLIV (EUR/NAT)	AGLUG (NACC)	AGMEM (EUR/NAT)	AGMOB (EUR/NAT)	AGMUD (EUR/NAT)	AGNAM (NACC)	AGNOX (NACC)	AGODE (FAA)	AGOMU (APAC)	AGORU (APAC)
AGLOB (EUR/NAT)	AGLUN (NACC)	AGMEP (EUR/NAT)	AGMOD (EUR/NAT)	AGMUG (EUR/NAT)	AGNAN (EUR/NAT)	AGNUD (EUR/NAT)	AGODO (EUR/NAT)	AGONI (APAC)	AGOSI (APAC)
AGLOD (EUR/NAT)	AGLUP (EUR/NAT)	AGMEZ (NACC)	AGMOS (EUR/NAT)	AGMIK (NACC)	AGNEL (EUR/NAT)	AGNUG (EUR/NAT)	AGOSE (FAA)	AGOND (APAC)	AGOSO (APAC)
AGLOG (EUR/NAT)	AGLUT (EUR/NAT)	AGMIB (NACC)	AGMOK (EUR/NAT)	AGMUL (NACC)	AGNEM (EUR/NAT)	AGNUK (EUR/NAT)	AGOGU (APAC)	AGONU (APAC)	AGOVE (FAA)
AGLOK (EUR/NAT)	AGLUV (EUR/NAT)	AGMID (NACC)	AGMOP (NACC)	AGMUM (NACC)	AGNEN (EUR/NAT)	AGNUM (EUR/NAT)	AGOJA (FAA)	AGONY (FAA)	AGOVI (APAC)
AGLOV (EUR/NAT)	AGLIW (EUR/NAT)	AGMIF (NACC)	AGMOS (NACC)	AGMUP (NACC)	AGNEV (EUR/NAT)	AGNUL (EUR/NAT)	AGOKA (APAC)	AGOPE (FAA)	AGOVV (APAC)
AGLOR (NACC)	AGLIY (EUR/NAT)	AGMIG (EUR/NAT)	AGMOT (EUR/NAT)	AGMUV (EUR/NAT)	AGNEW (FAA)	AGNUN (EUR/NAT)	AGOKI (APAC)	AGOPO (EUR/NAT)	AGOVU (APAC)
AGLOX (EUR/NAT)	AGLIZ (EUR/NAT)	AGMIK (EUR/NAT)	AGMOV (EUR/NAT)	AGMUX (EUR/NAT)	AGNID (NACC)	AGOBI (APAC)	AGOKO (APAC)	AGOPY (FAA)	AGOXE (FAA)
AGLOX (EUR/NAT)	AGLJA (EUR/NAT)	AGMIF (NACC)	AGMOX (EUR/NAT)	AGNAB (EUR/NAT)	AGNOL (EUR/NAT)	AGOBO (APAC)	AGOKU (APAC)	AGORE (FAA)	AGOXO (EUR/NAT)

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First Previous 11 12 13 14 15 16 17 18 19 20 Next Last

Allocated codes

Code	Latitude	Longitude	Coord. States	Purpose	Decision Date	Availabel Date	Action	Comment
AAAAB	194840N	1003320W	MEX		08/03/2017 14:39:53		  	
AAAXX	295344.54N	0952332.89W	USA		07/07/2005 00:00:00		  	
AABEE	340202N	0841346W	USA		12/08/2007 00:00:00		  	
AABER	280422.08N	0811948W	USA				  	
AABEZ	444725.16N	0930035.42W	USA		30/08/2005 00:00:00		  	
AACEZ	343310.08N	0735948.12W	USA		28/03/2002 00:00:00	20/02/2017 10:52:00	  	
AADCO	451705.97N	0931227.44W	USA		12/02/1999 00:00:00	12/08/1999 00:00:00	  	

Specific 5LNC Search

In the Code box type a specific 5LNC and click search

Find Allocated and Available 5LNC

SEARCH CRITERIA SHOW MAP CENTERED ON

Code: NADIS Search Latitude: Longitude: Map

Region: All DDDMMSS[.ss]H where H is 'N' or 'S' DDDMMSS[.ss]H where H is 'E' or 'W'

Search Results

Available codes Green-----Available Blue-----Unavailable Orange-----Reserved Red-----Allocated Purple-----History

NADIS
(NACC)

Page 1 of 1

Find 5LNC in Available List

Random Proximity Search

Searching with known coordinates but without specific patterns

- With the set of given coordinates, the database can filter and offer a selection of 5LNCs. This option is recommended as the mandatory sound-like proximity check is automatically performed for the proposed 5LNC.
- Fill in only the coordinates in the “Random Proximity Search at” box.
- Indicate the radius for search (the recommended radius for search in the EUR/NAT Region is 300 NM)

Find 5LNC In Available List

SEARCH CRITERIA		RANDOM PROXIMITY SEARCH AT	
Search for: <input type="text"/>	Sound like: <input type="text"/>	Latitude: <input type="text" value="481236N"/>	Longitude: <input type="text" value="0072508E"/>
Excluding the letter(s): <input type="text"/>	(e.g.: A, T, S)	DDMMSS[.ss]H where H is 'N' or 'S'	DDMMSS[.ss]H where H is 'E' or 'W'
Region: <input type="text" value="EUR/NAT-Paris"/>		Radius of search(NM): <input type="text" value="500"/>	Reserve list of: <input type="text" value="EUR/NAT-Paris"/>
<input type="button" value="Search"/>		<input type="button" value="Search"/>	

Search Results

Available codes Green-----Available Blue-----Unavailable Orange-----Reserved Red-----Allocated Purple-----History

ADRUB (EUR/NAT)	ITVUM (EUR/NAT)	UMDUD (EUR/NAT)
AGPAG (EUR/NAT)	IVNEP (EUR/NAT)	UMSIX (EUR/NAT)
AMGIK (EUR/NAT)	NEXIK (EUR/NAT)	UMVEB (EUR/NAT)
ERTAD (EUR/NAT)	NISGI (EUR/NAT)	UNPED (EUR/NAT)
ETNID (EUR/NAT)	OLPAL (EUR/NAT)	UNPIS (EUR/NAT)
EVUGI (EUR/NAT)	OVBEM (EUR/NAT)	UPDOM (EUR/NAT)
IDGEP (EUR/NAT)	PIVOV (EUR/NAT)	UPIBO (EUR/NAT)
INLAB (EUR/NAT)	RIPAP (EUR/NAT)	UPNAL (EUR/NAT)
IPVUL (EUR/NAT)	UDPUP (EUR/NAT)	UVNOR (EUR/NAT)
ITSUK (EUR/NAT)	ULROK (EUR/NAT)	UVPIP (EUR/NAT)

Search Criteria

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

1. General Search - Search without filling in specific Search Criteria
2. Search with special patterns
 - a. Containing (a) specific letter(s)
 - b. Sound like search
 - c. Search excluding specific letters
 - d. Search with multiple patterns

* * * * *

1. General Search - Search without filling in specific Search Criteria

Find 5LNC In Available List

SEARCH CRITERIA

Search for: Sound like:

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

Region:

RANDOM PROXIMITY SEARCH AT

Latitude: Longitude:

DDMMSS[.ss]H where H is 'N' or 'S' DDDMMSS[.ss]H where H is 'E' or 'W'

Radius of search(NM): Reserve list of:

Search Results

Available codes Green----Available Blue----Unavailable Orange----Reserved Red----Allocated Purple----History

ABREU (SAM)	AKNOB (SAM)	AKPIG (SAM)	AKPUR (SAM)	AKRIG (SAM)	AKSAX (SAM)	AKSUG (SAM)	AKTES (SAM)	AKLUK (SAM)	AKVET (SAM)
ACARI (SAM)	AKNOG (SAM)	AKPIK (SAM)	AKPUS (SAM)	AKRIL (SAM)	AKSEB (SAM)	AKSUK (SAM)	AKTET (SAM)	AKTUL (SAM)	AKVEV (SAM)
ACNEL (SAM)	AKNOX (SAM)	AKPIM (SAM)	AKPUX (SAM)	AKROD (SAM)	AKSES (SAM)	AKSUX (SAM)	AKTIP (SAM)	AKVAB (SAM)	AKVEX (SAM)
AGUAD (SAM)	AKNUT (SAM)	AKPIX (SAM)	AKRAP (SAM)	AKROG (SAM)	AKSEV (SAM)	AKTAG (SAM)	AKTIR (SAM)	AKVAD (SAM)	AKVIB (SAM)
AKNEK (SAM)	AKPAN (SAM)	AKPOB (SAM)	AKRAR (SAM)	AKROL (SAM)	AKSIR (SAM)	AKTAT (SAM)	AKTIS (SAM)	AKVAV (SAM)	AKVIS (SAM)
AKNEM (SAM)	AKPAP (SAM)	AKPOG (SAM)	AKRAT (SAM)	AKRUG (SAM)	AKSOK (SAM)	AKTAV (SAM)	AKTIT (SAM)	AKVAX (SAM)	AKVIT (SAM)
AKNID (SAM)	AKPAS (SAM)	AKPOK (SAM)	AKREL (SAM)	AKRUK (SAM)	AKSOM (SAM)	AKTAX (SAM)	AKTOL (SAM)	AKVEB (SAM)	AKVIV (SAM)
AKNIK (SAM)	AKPEM (SAM)	AKPOX (SAM)	AKREM (SAM)	AKRUT (SAM)	AKSON (SAM)	AKTEB (SAM)	AKTOM (SAM)	AKVED (SAM)	AKVIX (SAM)
AKNIV (SAM)	AKPEP (SAM)	AKPUB (SAM)	AKREP (SAM)	AKSAD (SAM)	AKSOP (SAM)	AKTED (SAM)	AKTOP (SAM)	AKVEG (SAM)	AKVON (SAM)
AKNIX (SAM)	AKPID (SAM)	AKPUD (SAM)	AKRER (SAM)	AKSAV (SAM)	AKSUD (SAM)	AKTER (SAM)	AKTUG (SAM)	AKVES (SAM)	AKVOP (SAM)

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[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#) [Last](#)

- i. You will obtain a long list of 5LNC available in your region in alphabetical order.
- ii. Select an available (**green**) 5LNC of your choice and proceed with posting a request.

2. Search with special patterns

a. Containing (a) specific letter(s)

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 5LNCs are proposed for selection.
3. Click on your selected 5LNC and proceed to the reservation (see “Section 4 - Posting a request” (page 24).

Find 5LNC In Available List

<p>SEARCH CRITERIA</p> <p>Search for: <input type="text" value="PA*"/> Sound like: <input type="text"/></p> <p>Excluding the letter(s): <input type="text"/> (e.g.: A, T, S)</p> <p>Region: <input type="text" value="EUR/NAT-Paris"/></p> <p><input type="button" value="Search"/></p>	<p>RANDOM PROXIMITY SEARCH AT</p> <p>Latitude: <input type="text"/> Longitude: <input type="text"/></p> <p>DDMMSS[ss]H where H is 'N' or 'S' DDDMMSS[ss]H where H is 'E' or 'W'</p> <p>Radius of search(NM): <input type="text" value="500"/> Reserve list of: <input type="text" value="EUR/NAT-Paris"/></p> <p><input type="button" value="Search"/></p>
--	--

Search Results

Available codes Green-----Available Blue-----Unavailable Orange-----Reserved Red-----Allocated Purple-----History

[PAAVO](#)
 (EUR/NAT)
[PAIMI](#)
 (EUR/NAT)
[PAITA](#)
 (EUR/NAT)
[PAIVA](#)
 (EUR/NAT)
[PAJOT](#)
 (EUR/NAT)
[PALAM](#)
 (EUR/NAT)
[PAPER](#)
 (EUR/NAT)
[PARYD](#)
 (EUR/NAT)

b. Sound like search

➤ In “Sound like” box , indicate the desired name. Example: ikard.

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

Find 5LNC In Available List

SEARCH CRITERIA

Search for: Sound like:

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

Region:

RANDOM PROXIMITY SEARCH AT

Latitude: Longitude:

DDMMSS[.ss]H where H is 'N' or 'S' DDDMMSS[.ss]H where H is 'E' or 'W'

Radius of search(NM): Reserve list of:

Search Results

Available codes Green-----Available Blue-----Unavailable Orange-----Reserved Red-----Allocated Purple-----History

IBARI
(EUR/NAT)
IBKAD
(EUR/NAT)
IDKAD
(EUR/NAT)
OKARA
(EUR/NAT)
SKARV
(EUR/NAT)
SKARY
(EUR/NAT)
XIKAD
(EUR/NAT)
XIKAR
(EUR/NAT)

Page 1 of 1

c. Search excluding specific letters (separated with a coma)

Find 5LNC In Available List

SEARCH CRITERIA

Search for: Sound like:

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

Region:

RANDOM PROXIMITY SEARCH AT

Latitude: Longitude:

DDMMSS[.ss]H where H is 'N' or 'S' DDDMMSS[.ss]H where H is 'E' or 'W'

Radius of search(NM): Reserve list of:

Search Results

Available codes Green-----Available Blue-----Unavailable Orange-----Reserved Red-----Allocated Purple-----History

AALEN (EUR/NAT)	ADAXU (EUR/NAT)	ADGEK (EUR/NAT)	ADGOK (EUR/NAT)	ADIDU (EUR/NAT)	ADIXU (EUR/NAT)	ADKIX (EUR/NAT)	ADKUS (EUR/NAT)	ADLUD (EUR/NAT)	ADMOM (EUR/NAT)
ACHEL (EUR/NAT)	ADEDU (EUR/NAT)	ADGEL (EUR/NAT)	ADGOS (EUR/NAT)	ADIGA (EUR/NAT)	ADKAM (EUR/NAT)	ADKOD (EUR/NAT)	ADKUT (EUR/NAT)	ADLUG (EUR/NAT)	ADMOT (EUR/NAT)
ACHEN (EUR/NAT)	ADESU (EUR/NAT)	ADSEM (EUR/NAT)	ADGOT (EUR/NAT)	ADIGI (EUR/NAT)	ADKAN (EUR/NAT)	ADKOG (EUR/NAT)	ADKUX (EUR/NAT)	ADLUK (EUR/NAT)	ADMUX (EUR/NAT)
ACHOI (EUR/NAT)	ADEKO (EUR/NAT)	ADGID (EUR/NAT)	ADGOV (EUR/NAT)	ADIGU (EUR/NAT)	ADKEK (EUR/NAT)	ADKOK (EUR/NAT)	ADLAV (EUR/NAT)	ADLUV (EUR/NAT)	ADMUL (EUR/NAT)
ADADU (EUR/NAT)	ADEMU (EUR/NAT)	ADGIK (EUR/NAT)	ADGOX (EUR/NAT)	ADIKI (EUR/NAT)	ADKEL (EUR/NAT)	ADKOT (EUR/NAT)	ADLEL (EUR/NAT)	ADLUX (EUR/NAT)	ADNAG (EUR/NAT)
ADAGU (EUR/NAT)	ADERO (EUR/NAT)	ADGIM (EUR/NAT)	ADGUD (EUR/NAT)	ADISI (EUR/NAT)	ADKEM (EUR/NAT)	ADKOV (EUR/NAT)	ADLES (EUR/NAT)	ADMAD (EUR/NAT)	ADNAL (EUR/NAT)
ADAVI (EUR/NAT)	ADESU (EUR/NAT)	ADGIV (EUR/NAT)	ADGUS (EUR/NAT)	ADITI (EUR/NAT)	ADKER (EUR/NAT)	ADKOG (EUR/NAT)	ADLOK (EUR/NAT)	ADMAY (EUR/NAT)	ADNAX (EUR/NAT)
ADAVQ (EUR/NAT)	ADGAL (EUR/NAT)	ADGIX (EUR/NAT)	ADGUT (EUR/NAT)	ADITU (EUR/NAT)	ADKID (EUR/NAT)	ADKUD (EUR/NAT)	ADLOL (EUR/NAT)	ADMET (EUR/NAT)	ADNEG (EUR/NAT)
ADAXI (EUR/NAT)	ADGAM (EUR/NAT)	ADGOD (EUR/NAT)	ADGUV (EUR/NAT)	ADIVU (EUR/NAT)	ADKIG (EUR/NAT)	ADKUG (EUR/NAT)	ADLOM (EUR/NAT)	ADMEV (EUR/NAT)	ADNEG (EUR/NAT)
ADAXO (EUR/NAT)	ADGAN (EUR/NAT)	ADGOG (EUR/NAT)	ADGUX (EUR/NAT)	ADIXI (EUR/NAT)	ADKIK (EUR/NAT)	ADKUR (EUR/NAT)	ADLOX (EUR/NAT)	ADMIV (EUR/NAT)	ADNEK (EUR/NAT)

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1 2 3 4 5 6 7 8 9 10 Next Last

d. Search with multiple patterns

➤ Fill in both fields:

Find 5LNC In Available List

SEARCH CRITERIA

Search for: Sound like:

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

Region:

RANDOM PROXIMITY SEARCH AT

Latitude: Longitude:

DDMMSS[.ss]H where H is 'N' or 'S' DDDMMSS[.ss]H where H is 'E' or 'W'

Radius of search(NM): Reserve list of:

Search Results

Available codes Green----Available Blue----Unavailable Orange----Reserved Red----Allocated Purple----History

TACHA (EUR/NAT) TALUG (EUR/NAT)
 TADJT (EUR/NAT) TANGE (EUR/NAT)
 TAGES (EUR/NAT)
 TAGEK (EUR/NAT)
 TAGIG (EUR/NAT)
 TAGUG (EUR/NAT)
 TAKIS (EUR/NAT)
 TAKIT (EUR/NAT)
 TAKIX (EUR/NAT)
 TALEC (EUR/NAT)

Page 1 of 1

Find Allocated 5LNC

4 options are proposed above the Search Criteria.

1. “Released” – codes past the 6-month frozen period, historical data
2. “Pending” – frozen codes within the 6-month period until it’s released
3. “Allocated” – codes assigned to a Country
4. “All” – combined results of released, pending, and allocated codes

Find Allocated 5LNC

RELEASED
 PENDING
 ALLOCATED
 ALL

SEARCH CRITERIA

Code: Country:

Decision Date from: Purpose:

Decision Date to:

SHOW MAP CENTERED ON

Latitude:

DDMMSS[.ss]H where H is 'N' or 'S'

Longitude:

DDDMMSS[.ss]H where H is 'E' or 'W'

Search Results

Allocated codes Green----Available Blue----Unavailable Orange----Reserved Red----Allocated Purple----History

Code	Latitude	Longitude	Coord. States	Purpose	Decision Date	Available Date	Action	Comment
ABALO	321951.63N	0180749.27W	PRT		09/07/2001 00:00:00		<input type="button" value="X"/> <input type="button" value="Globe"/> <input type="button" value="Trash"/>	
ABALU	480900N	0380748E	UKR		09/07/2012 00:00:00	09/01/2013 00:00:00	<input type="button" value="X"/> <input type="button" value="Globe"/> <input type="button" value="Trash"/>	Donets'k TMA,STAR, approach
ABALU	515400N	0460900E	RUS	ENR	13/01/2015 00:00:00		<input type="button" value="X"/> <input type="button" value="Globe"/> <input type="button" value="Trash"/>	Airspace project Russian Federation, planned implementation APR2015

CHECKING PROXIMITY

Checking the sound-like proximity of a 5LNC is **mandatory** and is the **responsibility of the Authorized User**. It is also the Authorized 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 Authorized 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 Authorized 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 issues are expected due to the specific use of the 5LNC requested, and has therefore met this requirement.

Note: The sound-like proximity check function only shows "allocated" codes (red), it leaves out all the "requested" codes (orange).

- The Data Manager **will refuse requests that may have sound-like conflict issues**.
- Even if a 5LNC is automatically generated from given coordinates, it is advised to do this check.

5LNC CODE ALLOCATION ABIKI

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

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

Purpose:

Comment:

Requested by:

For Countries:

Add co-ordinating country:

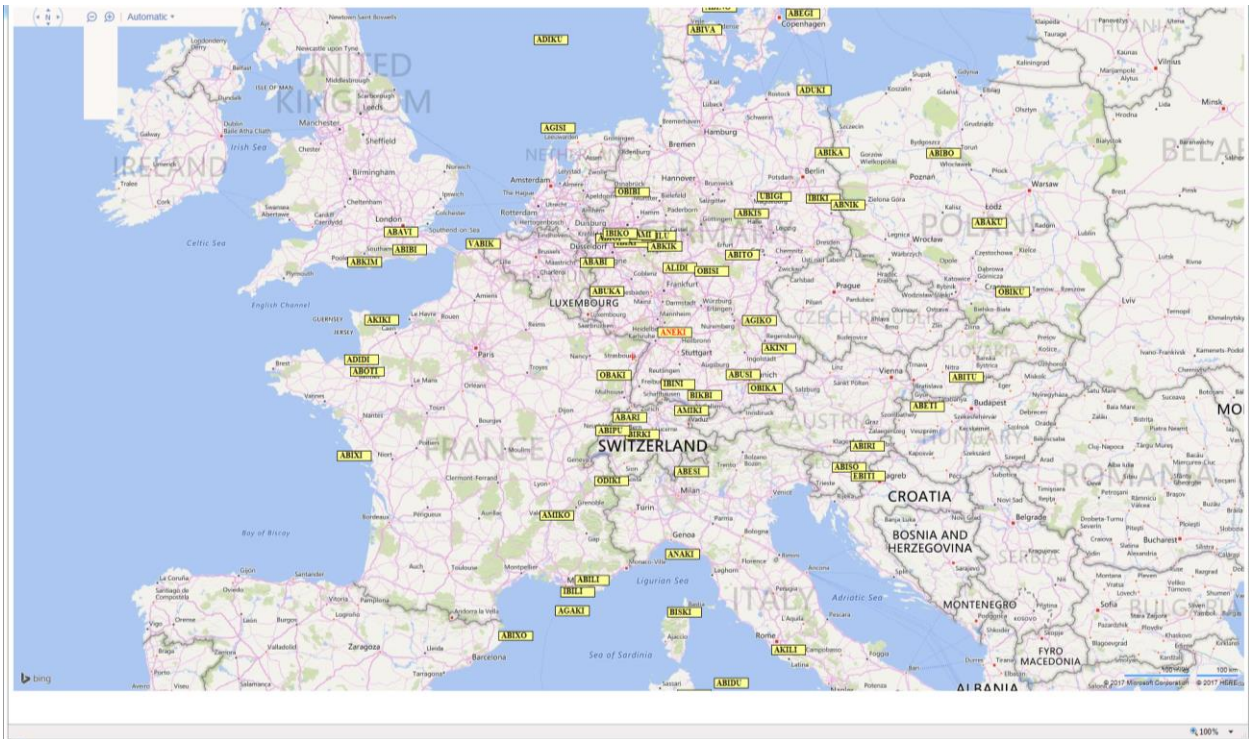
Proximity Search

within (NM)

Proximity check done

Checking proximity with the "MAP" function

The "Map" shows all 5LNCs which may sound like the selected 5LNC within the selected distance.



Checking proximity with the “LIST” function

The “List” gives all 5LNCs which may sound like the selected 5LNC within the selected distance.

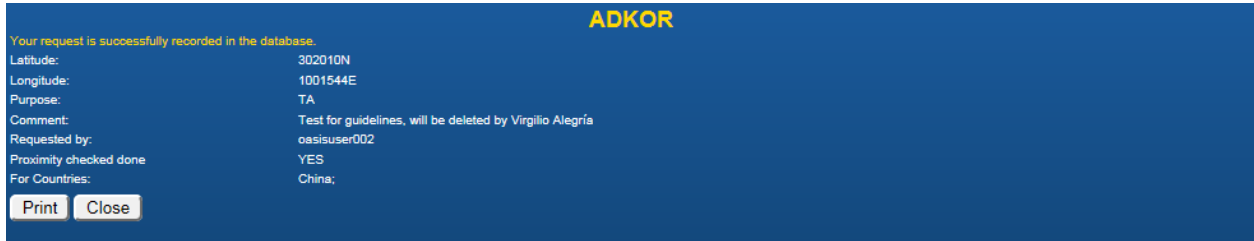
Sound-like checking results for code "ABIKI" within 500 NM

CODE	Distance(nm)
ANEKI	48.28
OBAKI	51.21
IBINI	58.69
ABARI	88.17
AMIKI	97.64
ABUKA	97.89
ABIPU	113.02
ALIDI	121.61
ABUSI	133.3
ABABI	136.19
OBISI	138.94
IBIXI	146.64
ABIRU	152.87
ABILU	154.95
ABAMI	155.45
AGIKO	156.65
ABIGI	157.07
IBIKO	160.57
OBIKA	166.69
ABESI	172.44
AKINI	177.37
ODIKI	180.04
ABITO	180.91
OBIBI	209.63
AMIKO	254.78
UBIGI	262.11
ANAKI	282.86
IBIKI	304.08
AGISI	308.05
ABISO	318.2
ABILI	325.23
ABIRI	326.82
ABIBI	337.82
IBILI	346.95
EBITI	347.07
ABIKA	350.27
AKIKI	353.62
ABAVI	355.54
ABOTI	374.81
AGAKI	376.58
ADIDI	380.94
ABETI	386.9
ADUKI	394
ADIKU	408.66
ABIVA	409.51
ABIXI	421.67
ABITU	431.62
ABINO	438.12
ABIXO	439.87
ABIBO	458.34
ABEGI	463.38
ALINI	466.58
AKILI	467.02
ABAKU	476.71
ABIDU	486.41
OBIKU	490.32
OBIMI	493.22

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

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



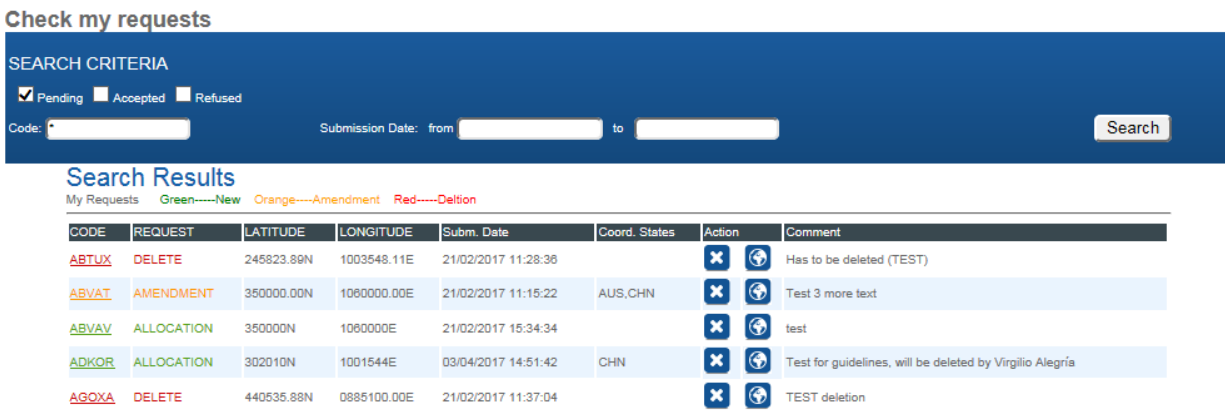
!! Important !! Your request has been successfully recorded BUT NOT YET approved.

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 Authorized 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 requests” menu item.



Request For CODE ALLOCATION

ADKOR

Latitude: <input type="text" value="302010N"/> <small>DDMMSS[.ss]H where H is 'N' or 'S'</small>	Proximity Search <input type="button" value="Map"/> <input type="button" value="List"/> within <input type="text"/> (NM)
Longitude: <input type="text" value="1001544E"/> <small>DDMMSS[.ss]H where H is 'E' or 'W'</small>	Proximity check done <input checked="" type="checkbox"/>
Purpose: <input type="text" value="Terminal Airspace(SID/STAR/HLDG)"/>	
Comment: <div style="border: 1px solid white; padding: 5px; min-height: 20px;"> Test for guidelines, will be deleted by Virgilio Alegría. CHANGES CAN BE MADE BEFORE APPROVAL BY DATA MANAGER. </div>	
Requested by: oasisuser002	
For Countries: <input type="text" value="China"/> <input type="button" value="Delete"/>	
Afghanistan <input type="button" value="ADD"/> Add co-ordinating country: <input type="button" value="ADD"/>	
<input type="button" value="Submit"/> <input type="button" value="Cancel"/>	



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ADKOR

Your request is successfully recorded in the database.

Latitude: 302010N Longitude: 1001544E Purpose: TA Comment: Test for guidelines, will be deleted by Virgilio Alegría. CHANGES CAN BE MADE BEFORE APPROVAL BY DATA MANAGER. Requested by: oasisuser002 Proximity checked done: YES For Countries: China;	
--	--

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.

Accept Request For

ADKOR

Latitude:	302010N
Longitude:	1001544E
Purpose:	TA
Comment:	Test for guidelines, will be deleted by Virgilio Alegria. CHANGES CAN BE MADE BEFORE APPROVAL BY DATA MANAGER.
Submitted by:	oasisuser002
Proximity checked:	YES
Submitted date:	4/3/2017 2:51:42 PM
Modified by:	oasisuser002
Modified on:	4/3/2017 3:12:18 PM
For Countries:	China;

Confirm the request.

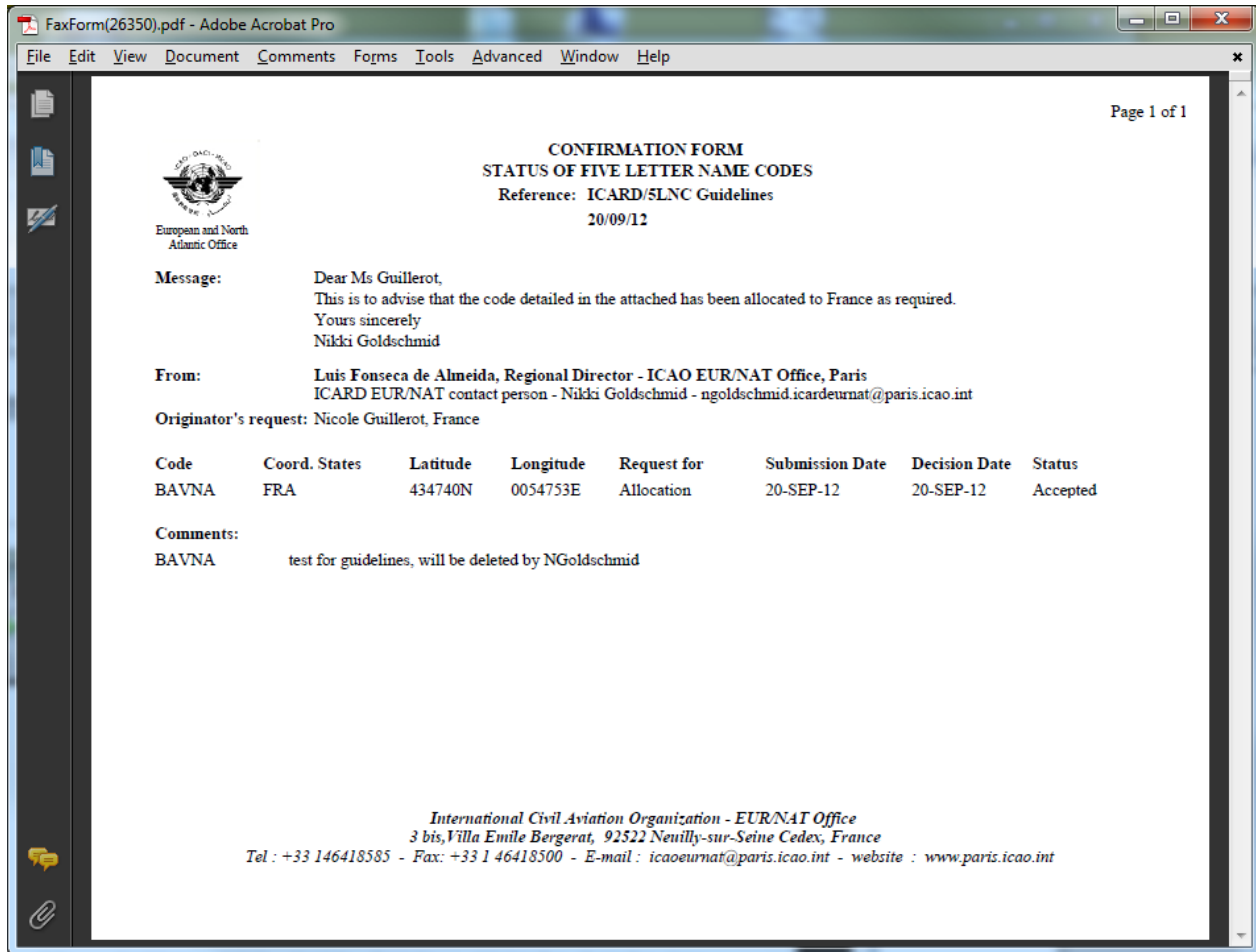
ADKOR

Your request is successfully recorded in the database.

Latitude:	3020010.00N
Longitude:	1001544E
Purpose:	TA
Comment:	Test for guidelines, will be deleted by Virgilio Alegria. CHANGES CAN BE MADE BEFORE APPROVAL BY DATA MANAGER.
Requested by:	oasisuser003
Proximity checked done	YES
For Countries:	China;

Approval notification

The data manager will generate a notification message from ICARD that will be sent to the planner and every other people concerned.



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 a 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.

Find Allocated 5LNC

RELEASED
 PENDING
 ALLOCATED
 ALL

SEARCH CRITERIA

Code: Country:

Decision Date from: Purpose:

Decision Date to:

SHOW MAP CENTERED ON

Latitude:

DDMMSS[ss]H where H is 'N' or 'S'

Longitude:

DDMMSS[ss]H where H is 'E' or 'W'

Search Results

Allocated codes
 Green-----Available Blue-----Unavailable Orange-----Reserved Red-----Allocated Purple-----History

Code	Latitude	Longitude	Coord. States	Purpose	Decision Date	Available Date	Action	Comment
ABADO	463920.88N	0051735.16E	FRA	TA	09/03/2015 00:00:00	09/09/2015 00:00:00	  	R ? servation de point pour projet Clarines faite par P. DEFAUW le 28/11/01 coord confirmed 8APR2004 ICAO ng

RELEASE OF 5LNC

When a 5LNC is no longer used, the Authorized 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 the “✘” icon for Code 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 Authorized 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.**

Find Allocated 5LNC

RELEASED
 PENDING
 ALLOCATED
 ALL

SEARCH CRITERIA

Code: Country:

Decision Date from: Purpose:

Decision Date to:

SHOW MAP CENTERED ON

Latitude:

DDMMSS[.ss]H where H is 'N' or 'S'

Longitude:

DDMMSS[.ss]H where H is 'E' or 'W'

Search Results

Allocated codes
 Green---Available Blue---Unavailable Orange---Reserved Red---Allocated Purple---History

Code	Latitude	Longitude	Coord. States	Purpose	Decision Date	Available Date	Action	Comment
<u>ABAMU</u>	492349.92N	0001529.16W	FRA	TA	09/03/2015 00:00:00		✘ 🌐 🗑️	Demande exprimée par SNA/O le 19/01/10 - Procédures GNSS de Deauville et du Havre

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- Selecting “✘” 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

Downloads

LIST ALL PER COUNTRY
 Region : Countries :

LIST ALL PER CODE
 Region : Countries :

LIST DUPLICATES PER COUNTRY
 Region : Countries :

LIST DUPLICATES PER CODE
 Region : Countries :

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

Code	Latitude	Longitude	Coord. States	Duplication	Purpose
Argentina/Argentine					ARG
Argentina/Argentine					ARG
AKNOS	380005.04S	0625303.84W			
AKPEL	250150.88S	0594157.84W			
AKPOV	283713.08S	0620623.04W			ENR
AKRAS	294304.08S	0662214.88W			
AKRIK	390240.99S	0682518.98W			OTHER
AKSUM	283713.08S	0620623.04W			ENR
ALBAL	341059.88S	0694900.12W			
ALDEX	313939.96S	0651154.96W			
ALDOR	332958.92S	0635505.88W			
ALDOS	261348S	0544048W	Also Paraguay		
ALDUT	270536S	0650914W			TA
#ALGAR	560056.59N	1120546.75W		Also NACC	
ALGIL	403329.16S	0710818.96W			
ALGOL	394914.16S	0645115.12W			
AMVIB	310139S	0595429.02W			ENR
AMVOM	283713.08S	0620623.04W			ENR

List of 5LNCs by Code

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Code	Latitude	Longitude	Coord. States	Duplication	Purpose
ABAPU	174938.36S	0190210.59E	Namibia,Angola		FIR
AGRAM	180004.02S	0213958.33E	Botswana,Namibia,Angola		
*#AKAZU	172205.88S	0165447.88E	Angola	Also ESAF,EUR/NAT	
*#AKAZU	172343S	0165046E	Namibia	Also ESAF,EUR/NAT	
AKBON	004901.92N	0301959.88E	Uganda		
#AKETE	325841.18N	0795943.33W	Namibia	Also NACC	
AKUTA	233300S	0260748E	Botswana		
ALDOV	303712S	0150000E	South Africa		
ALEMU	035949.06N	0394003.35E	Kenya		
ALENI	265835.54S	0320937.89E	Swaziland,South Africa		ENR
ALKAT	331100.54S	0255107.43E	South Africa		
*ALKON	002609.56S	0335802.74E	Kenya	Also ESAF	
*ALKON	002559.88S	0335800.12E	Uganda	Also ESAF	
ALNAB	085512N	0441312E	Somalia		
ALRAN	100000S	0562223.88E	Mauritius		

List of Duplicates by Country

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Code	Latitude	Longitude	Coord. States	Duplication	Purpose
Egypt/Egypte					EGY
#PAXIS	335706.12N	0271959.88E	Also Greece	Also EUR/NAT	FIR
Iran, Islamic Republic of/Iran, République islamique d'					IRN
#ALRAM	374229.88N	0443736.12E		Also EUR/NAT	
#DASIS	385434.92N	0441229.88E		Also EUR/NAT	
*EGRON	250441.88N	0613248.12E	Also Pakistan	Also MID	
#EGRON	250444.04N	0613244.88E		Also APAC	
#NOTSO	351416.08N	0593033.84E		Also NACC	
#PAROT	360939.96N	0495756.16E		Also APAC	
Iraq/Iraq					IRQ
#RAGAN			Also Saudi Arabia	Also EUR/NAT	
#SINKA	332101.08N	0444856.88E		Also NACC	ENR

List of Duplicates by Codes

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Code	Latitude	Longitude	Coord. States	Duplication	Purpose
#AKRAM	395342N	0601712.12E	Turkmenistan	Also MID	ENR
#AKRAM	255035.88N	0475133.12E	Bahrain,Saudi Arabia	Also EUR/NAT	
#ALRAM	374312N	0443712E	Turkey	Also MID	
#ALRAM	374229.88N	0443736.12E	Iran, Islamic Republic of	Also EUR/NAT	
#AMBOD	172236.12S	0553400.12E	Mauritius	Also MID	
#AMBOD	133356.88N	0481527E	Yemen	Also ESAF	ENR
#ANTAX	035949.12N	0352203E	Kenya	Also MID	
#ANTAX	040000N	0352248E	Sudan,Ethiopia	Also ESAF	
#ATUGA	040000N	0314800E	Uganda	Also MID	
#ATUGA	040000N	0314554E	Sudan	Also ESAF	
#AVAMI	204430.84S	0574842.84E	Mauritius	Also MID	
#AVAMI	250553.88N	0555647.04E	United Arab Emirates	Also ESAF	
#BOPAN	222400S	0200000E	Botswana	Also MID	
#BOPAN			Saudi Arabia	Also ESAF	
#DARVA	411824.12N	0602541.88E	Turkmenistan,Uzbekistan	Also MID	FIR
#DARVA	284814.04N	0484734.08E	Kuwait	Also EUR/NAT	
#DASIS	385400N	0441200E	Turkey	Also MID	
#DASIS	385434.92N	0441229.88E	Iran, Islamic Republic of	Also EUR/NAT	
#DOMAN	523300N	0245100E	Belarus	Also NACC	

SECTION 7 ICARD REGIONAL DATA MANAGERS

ICARD REGIONAL DATA MANAGERS		
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