



International Civil Aviation Organization

**ICAO Five-Letter Name-Code database (ICARD)**

*Nikki Goldschmid, ICAO EUR/NAT*

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 1

---

---

---

---

---

---

---

---

---

---

**5LNC - background information**

- Annex 11, Chapter 2, Appendix 2
  - Designators for significant points not marked by the site of a radio navigation aid
- 1960's - 140 670 ICAO codes
  - APAC 27 535
  - EUR/NAT 38 598
  - MID 12 934
  - WACAF 18 437
  - SAM 18 629
  - NACC 19 131
  - ESAF 5 406 OCT 1983 + NOV 1985

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 2

---

---

---

---

---

---

---

---

---

---

**5LNC - codes dispatch**

*ADD PAGES*

*01 - pay. allocated to Newark JFA*

*Elimination of administrative items to National Offices*

| Paris               | Brussels            | London              | Dublin              | Lima                | Sao Paulo           |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 0 3 5 1 0           | 1 0                 | 11                  | 13                  | 15                  | 17                  |
| 19 21 23 25 27 29   | 31 33 35 37 39      | 41 43 45 47 49      | 51 53 55 57 59      | 61 63 65 67 69      | 71 73 75 77 79      |
| 81 83 85 87 89      | 91 93 95 97 99      | 101 103 105 107 109 | 111 113 115 117 119 | 121 123 125 127 129 | 131 133 135 137 139 |
| 141 143 145 147 149 | 151 153 155 157 159 | 161 163 165 167 169 | 171 173 175 177 179 | 181 183 185 187 189 | 191 193 195 197 199 |

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 3

---

---

---

---

---

---

---

---

---

---





# CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010)

**ICARD for all**

ICAO EUR/NAT Office

Accessing ICARD: [www.eurocontrol.int/icard/](http://www.eurocontrol.int/icard/)

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 7

---

---

---

---

---

---

---

---

**ICARD web page**

ICAO EUR/NAT Office

[http://www.eurocontrol.int/icaof/portal/air/and\\_page/330a.htm](http://www.eurocontrol.int/icaof/portal/air/and_page/330a.htm)

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 8

---

---

---

---

---

---

---

---

**ICARD for Authorised Users**

ICAO EUR/NAT Office

<https://extranet.eurocontrol.int/>

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 9

---

---

---

---

---

---

---

---

## Slide #10 – detailed notes



1. **Find Allocated and available 5LNC**
  - verify the existence of a code in the ICARD database
  - Identify the state using the code **or** indicate its availability in a specific region.

*To note:*

  - *The information covers all ICAO regions*
  - *transfer of codes is possible*
  - *ICARD contains all codes created in the 1960s but also a certain amount of codes which were not coordinated with ICAO – these are flagged as « non-icao » codes*
2. **Find 5LNC in Reserve List :**
  - enable the authorised user to search for a new 5LNC and post a request for allocation
3. **Find Allocated 5LNC :**
  - find an information (allocation, geographical coordinates..)
  - amendment can be requested by the coordinating country (update, deletion)
4. **Check my request:**
  - The requests found in this menu are still pending – not yet approved by the ICAO data manager
  - the authorised user can make all modification or withdraw the requests which are still pending for confirmation
5. **Requests by block :**
  - Not recommended – will be withdrawn
6. **Downloads - ICARD can generate**
  - List of codes by country
  - List by name of codes
  - List of duplicates per country
  - List of duplicateds per code
7. **List ICARD Contacts**
  - Provide information on counterparts in other states or regions
8. **List Country code indicators**
  - List the ITU, ISO2, ISO3 country codes
9. **Change password**



CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010)

ICARD- Authorised user menu

Five-letter Hex-Code System

ICARD Workshop - 10

---

---

---

---

---

---

---

---

---

---

Search for existing code

ICARD Workshop - 11

---

---

---

---

---

---

---

---

---

---

Search codes with specific pattern

ICARD Workshop - 12

---

---

---

---

---

---

---

---

---

---



CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010)

### Search from geographical position

Find Allocated and Available SLNC

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 13

---

---

---

---

---

---

---

---

### Posting a request - 1<sup>st</sup> option

From reserve list

Find SLNC in Reserve List

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 14

---

---

---

---

---

---

---

---

### Posting a request - 2<sup>nd</sup> option

From reserve list

Find SLNC in Reserve List

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 15

---

---

---

---

---

---

---

---



CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010)

**Posting a request – 3<sup>rd</sup> option**

From reserve list

ICAO EUR/NAT ONLY

ICAO EUR/NAT ONLY

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 16

---

---

---

---

---

---

---

---

---

---

---

---

**Mandatory 1 - Coordinates**

ICAO EUR/NAT ONLY

ICAO EUR/NAT ONLY

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 17

---

---

---

---

---

---

---

---

---

---

---

---

**Mandatory 2 – proximity search**

ICAO EUR/NAT ONLY

ICAO EUR/NAT ONLY

GREPECAS CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 18

---

---

---

---

---

---

---

---

---

---

---

---



# CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010)

### Proximity check with listing

The authorized user is made aware of the sounding like proximity (another selection will then be required). Note: XXXM is the value currently determined as safe for a sounding like proximity.

| Frequency | Power |
|-----------|-------|
| 116.1     | 10    |
| 116.2     | 20    |
| 116.3     | 30    |
| 116.4     | 40    |
| 116.5     | 50    |
| 116.6     | 60    |
| 116.7     | 70    |
| 116.8     | 80    |
| 116.9     | 90    |
| 117.0     | 100   |
| 117.1     | 110   |
| 117.2     | 120   |
| 117.3     | 130   |
| 117.4     | 140   |
| 117.5     | 150   |
| 117.6     | 160   |
| 117.7     | 170   |
| 117.8     | 180   |
| 117.9     | 190   |
| 118.0     | 200   |
| 118.1     | 210   |
| 118.2     | 220   |
| 118.3     | 230   |
| 118.4     | 240   |
| 118.5     | 250   |
| 118.6     | 260   |
| 118.7     | 270   |
| 118.8     | 280   |
| 118.9     | 290   |
| 119.0     | 300   |
| 119.1     | 310   |
| 119.2     | 320   |
| 119.3     | 330   |
| 119.4     | 340   |
| 119.5     | 350   |
| 119.6     | 360   |
| 119.7     | 370   |
| 119.8     | 380   |
| 119.9     | 390   |
| 120.0     | 400   |
| 120.1     | 410   |
| 120.2     | 420   |
| 120.3     | 430   |
| 120.4     | 440   |
| 120.5     | 450   |
| 120.6     | 460   |
| 120.7     | 470   |
| 120.8     | 480   |
| 120.9     | 490   |
| 121.0     | 500   |
| 121.1     | 510   |
| 121.2     | 520   |
| 121.3     | 530   |
| 121.4     | 540   |
| 121.5     | 550   |
| 121.6     | 560   |
| 121.7     | 570   |
| 121.8     | 580   |
| 121.9     | 590   |
| 122.0     | 600   |
| 122.1     | 610   |
| 122.2     | 620   |
| 122.3     | 630   |
| 122.4     | 640   |
| 122.5     | 650   |
| 122.6     | 660   |
| 122.7     | 670   |
| 122.8     | 680   |
| 122.9     | 690   |
| 123.0     | 700   |
| 123.1     | 710   |
| 123.2     | 720   |
| 123.3     | 730   |
| 123.4     | 740   |
| 123.5     | 750   |
| 123.6     | 760   |
| 123.7     | 770   |
| 123.8     | 780   |
| 123.9     | 790   |
| 124.0     | 800   |
| 124.1     | 810   |
| 124.2     | 820   |
| 124.3     | 830   |
| 124.4     | 840   |
| 124.5     | 850   |
| 124.6     | 860   |
| 124.7     | 870   |
| 124.8     | 880   |
| 124.9     | 890   |
| 125.0     | 900   |
| 125.1     | 910   |
| 125.2     | 920   |
| 125.3     | 930   |
| 125.4     | 940   |
| 125.5     | 950   |
| 125.6     | 960   |
| 125.7     | 970   |
| 125.8     | 980   |
| 125.9     | 990   |
| 126.0     | 1000  |
| 126.1     | 1010  |
| 126.2     | 1020  |
| 126.3     | 1030  |
| 126.4     | 1040  |
| 126.5     | 1050  |
| 126.6     | 1060  |
| 126.7     | 1070  |
| 126.8     | 1080  |
| 126.9     | 1090  |
| 127.0     | 1100  |
| 127.1     | 1110  |
| 127.2     | 1120  |
| 127.3     | 1130  |
| 127.4     | 1140  |
| 127.5     | 1150  |
| 127.6     | 1160  |
| 127.7     | 1170  |
| 127.8     | 1180  |
| 127.9     | 1190  |
| 128.0     | 1200  |
| 128.1     | 1210  |
| 128.2     | 1220  |
| 128.3     | 1230  |
| 128.4     | 1240  |
| 128.5     | 1250  |
| 128.6     | 1260  |
| 128.7     | 1270  |
| 128.8     | 1280  |
| 128.9     | 1290  |
| 129.0     | 1300  |
| 129.1     | 1310  |
| 129.2     | 1320  |
| 129.3     | 1330  |
| 129.4     | 1340  |
| 129.5     | 1350  |
| 129.6     | 1360  |
| 129.7     | 1370  |
| 129.8     | 1380  |
| 129.9     | 1390  |
| 130.0     | 1400  |
| 130.1     | 1410  |
| 130.2     | 1420  |
| 130.3     | 1430  |
| 130.4     | 1440  |
| 130.5     | 1450  |
| 130.6     | 1460  |
| 130.7     | 1470  |
| 130.8     | 1480  |
| 130.9     | 1490  |
| 131.0     | 1500  |
| 131.1     | 1510  |
| 131.2     | 1520  |
| 131.3     | 1530  |
| 131.4     | 1540  |
| 131.5     | 1550  |
| 131.6     | 1560  |
| 131.7     | 1570  |
| 131.8     | 1580  |
| 131.9     | 1590  |
| 132.0     | 1600  |
| 132.1     | 1610  |
| 132.2     | 1620  |
| 132.3     | 1630  |
| 132.4     | 1640  |
| 132.5     | 1650  |
| 132.6     | 1660  |
| 132.7     | 1670  |
| 132.8     | 1680  |
| 132.9     | 1690  |
| 133.0     | 1700  |
| 133.1     | 1710  |
| 133.2     | 1720  |
| 133.3     | 1730  |
| 133.4     | 1740  |
| 133.5     | 1750  |
| 133.6     | 1760  |
| 133.7     | 1770  |
| 133.8     | 1780  |
| 133.9     | 1790  |
| 134.0     | 1800  |
| 134.1     | 1810  |
| 134.2     | 1820  |
| 134.3     | 1830  |
| 134.4     | 1840  |
| 134.5     | 1850  |
| 134.6     | 1860  |
| 134.7     | 1870  |
| 134.8     | 1880  |
| 134.9     | 1890  |
| 135.0     | 1900  |
| 135.1     | 1910  |
| 135.2     | 1920  |
| 135.3     | 1930  |
| 135.4     | 1940  |
| 135.5     | 1950  |
| 135.6     | 1960  |
| 135.7     | 1970  |
| 135.8     | 1980  |
| 135.9     | 1990  |
| 136.0     | 2000  |
| 136.1     | 2010  |
| 136.2     | 2020  |
| 136.3     | 2030  |
| 136.4     | 2040  |
| 136.5     | 2050  |
| 136.6     | 2060  |
| 136.7     | 2070  |
| 136.8     | 2080  |
| 136.9     | 2090  |
| 137.0     | 2100  |
| 137.1     | 2110  |
| 137.2     | 2120  |
| 137.3     | 2130  |
| 137.4     | 2140  |
| 137.5     | 2150  |
| 137.6     | 2160  |
| 137.7     | 2170  |
| 137.8     | 2180  |
| 137.9     | 2190  |
| 138.0     | 2200  |
| 138.1     | 2210  |
| 138.2     | 2220  |
| 138.3     | 2230  |
| 138.4     | 2240  |
| 138.5     | 2250  |
| 138.6     | 2260  |
| 138.7     | 2270  |
| 138.8     | 2280  |
| 138.9     | 2290  |
| 139.0     | 2300  |
| 139.1     | 2310  |
| 139.2     | 2320  |
| 139.3     | 2330  |
| 139.4     | 2340  |
| 139.5     | 2350  |
| 139.6     | 2360  |
| 139.7     | 2370  |
| 139.8     | 2380  |
| 139.9     | 2390  |
| 140.0     | 2400  |
| 140.1     | 2410  |
| 140.2     | 2420  |
| 140.3     | 2430  |
| 140.4     | 2440  |
| 140.5     | 2450  |
| 140.6     | 2460  |
| 140.7     | 2470  |
| 140.8     | 2480  |
| 140.9     | 2490  |
| 141.0     | 2500  |
| 141.1     | 2510  |
| 141.2     | 2520  |
| 141.3     | 2530  |
| 141.4     | 2540  |
| 141.5     | 2550  |
| 141.6     | 2560  |
| 141.7     | 2570  |
| 141.8     | 2580  |
| 141.9     | 2590  |
| 142.0     | 2600  |
| 142.1     | 2610  |
| 142.2     | 2620  |
| 142.3     | 2630  |
| 142.4     | 2640  |
| 142.5     | 2650  |
| 142.6     | 2660  |
| 142.7     | 2670  |
| 142.8     | 2680  |
| 142.9     | 2690  |
| 143.0     | 2700  |
| 143.1     | 2710  |
| 143.2     | 2720  |
| 143.3     | 2730  |
| 143.4     | 2740  |
| 143.5     | 2750  |
| 143.6     | 2760  |
| 143.7     | 2770  |
| 143.8     | 2780  |
| 143.9     | 2790  |
| 144.0     | 2800  |
| 144.1     | 2810  |
| 144.2     | 2820  |
| 144.3     | 2830  |
| 144.4     | 2840  |
| 144.5     | 2850  |
| 144.6     | 2860  |
| 144.7     | 2870  |
| 144.8     | 2880  |
| 144.9     | 2890  |
| 145.0     | 2900  |
| 145.1     | 2910  |
| 145.2     | 2920  |
| 145.3     | 2930  |
| 145.4     | 2940  |
| 145.5     | 2950  |
| 145.6     | 2960  |
| 145.7     | 2970  |
| 145.8     | 2980  |
| 145.9     | 2990  |
| 146.0     | 3000  |
| 146.1     | 3010  |
| 146.2     | 3020  |
| 146.3     | 3030  |
| 146.4     | 3040  |
| 146.5     | 3050  |
| 146.6     | 3060  |
| 146.7     | 3070  |
| 146.8     | 3080  |
| 146.9     | 3090  |
| 147.0     | 3100  |
| 147.1     | 3110  |
| 147.2     | 3120  |
| 147.3     | 3130  |
| 147.4     | 3140  |
| 147.5     | 3150  |
| 147.6     | 3160  |
| 147.7     | 3170  |
| 147.8     | 3180  |
| 147.9     | 3190  |
| 148.0     | 3200  |
| 148.1     | 3210  |
| 148.2     | 3220  |
| 148.3     | 3230  |
| 148.4     | 3240  |
| 148.5     | 3250  |
| 148.6     | 3260  |
| 148.7     | 3270  |
| 148.8     | 3280  |
| 148.9     | 3290  |
| 149.0     | 3300  |
| 149.1     | 3310  |
| 149.2     | 3320  |
| 149.3     | 3330  |
| 149.4     | 3340  |
| 149.5     | 3350  |
| 149.6     | 3360  |
| 149.7     | 3370  |
| 149.8     | 3380  |
| 149.9     | 3390  |
| 150.0     | 3400  |
| 150.1     | 3410  |
| 150.2     | 3420  |
| 150.3     | 3430  |
| 150.4     | 3440  |
| 150.5     | 3450  |
| 150.6     | 3460  |
| 150.7     | 3470  |
| 150.8     | 3480  |
| 150.9     | 3490  |
| 151.0     | 3500  |
| 151.1     | 3510  |
| 151.2     | 3520  |
| 151.3     | 3530  |
| 151.4     | 3540  |
| 151.5     | 3550  |
| 151.6     | 3560  |
| 151.7     | 3570  |
| 151.8     | 3580  |
| 151.9     | 3590  |
| 152.0     | 3600  |
| 152.1     | 3610  |
| 152.2     | 3620  |
| 152.3     | 3630  |
| 152.4     | 3640  |
| 152.5     | 3650  |
| 152.6     | 3660  |
| 152.7     | 3670  |
| 152.8     | 3680  |
| 152.9     | 3690  |
| 153.0     | 3700  |
| 153.1     | 3710  |
| 153.2     | 3720  |
| 153.3     | 3730  |
| 153.4     | 3740  |
| 153.5     | 3750  |
| 153.6     | 3760  |
| 153.7     | 3770  |
| 153.8     | 3780  |
| 153.9     | 3790  |
| 154.0     | 3800  |
| 154.1     | 3810  |
| 154.2     | 3820  |
| 154.3     | 3830  |
| 154.4     | 3840  |
| 154.5     | 3850  |
| 154.6     | 3860  |
| 154.7     | 3870  |
| 154.8     | 3880  |
| 154.9     | 3890  |
| 155.0     | 3900  |
| 155.1     | 3910  |
| 155.2     | 3920  |
| 155.3     | 3930  |
| 155.4     | 3940  |
| 155.5     | 3950  |
| 155.6     | 3960  |
| 155.7     | 3970  |
| 155.8     | 3980  |
| 155.9     | 3990  |
| 156.0     | 4000  |
| 156.1     | 4010  |
| 156.2     | 4020  |
| 156.3     | 4030  |
| 156.4     | 4040  |
| 156.5     | 4050  |
| 156.6     | 4060  |
| 156.7     | 4070  |
| 156.8     | 4080  |
| 156.9     | 4090  |
| 157.0     | 4100  |
| 157.1     | 4110  |
| 157.2     | 4120  |
| 157.3     | 4130  |
| 157.4     | 4140  |
| 157.5     | 4150  |
| 157.6     | 4160  |
| 157.7     | 4170  |
| 157.8     | 4180  |
| 157.9     | 4190  |
| 158.0     | 4200  |
| 158.1     | 4210  |
| 158.2     | 4220  |
| 158.3     | 4230  |
| 158.4     | 4240  |
| 158.5     | 4250  |
| 158.6     | 4260  |
| 158.7     | 4270  |
| 158.8     | 4280  |
| 158.9     | 4290  |
| 159.0     | 4300  |
| 159.1     | 4310  |
| 159.2     | 4320  |
| 159.3     | 4330  |
| 159.4     | 4340  |
| 159.5     | 4350  |
| 159.6     | 4360  |
| 159.7     | 4370  |
| 159.8     | 4380  |
| 159.9     | 4390  |
| 160.0     | 4400  |
| 160.1     | 4410  |
| 160.2     | 4420  |
| 160.3     | 4430  |
| 160.4     | 4440  |
| 160.5     | 4450  |
| 160.6     | 4460  |
| 160.7     | 4470  |
| 160.8     | 4480  |
| 160.9     | 4490  |
| 161.0     | 4500  |
| 161.1     | 4510  |
| 161.2     | 4520  |
| 161.3     | 4530  |
| 161.4     | 4540  |
| 161.5     | 4550  |
| 161.6     | 4560  |
| 161.7     | 4570  |
| 161.8     | 4580  |
| 161.9     | 4590  |
| 162.0     | 4600  |
| 162.1     | 4610  |
| 162.2     | 4620  |
| 162.3     | 4630  |
| 162.4     | 4640  |
| 162.5     | 4650  |
| 162.6     | 4660  |
| 162.7     | 4670  |
| 162.8     | 4680  |
| 162.9     | 4690  |
| 163.0     | 4700  |
| 163.1     | 4710  |
| 163.2     | 4720  |
| 163.3     | 4730  |
| 163.4     | 4740  |
| 163.5     | 4750  |
| 163.6     | 4760  |
| 163.7     | 4770  |
| 163.8     | 4780  |
| 163.9     | 4790  |
| 164.0     | 4800  |
| 164.1     | 4810  |
| 164.2     | 4820  |
| 164.3     | 4830  |
| 164.4     | 4840  |
| 164.5     | 4850  |
| 164.6     | 4860  |
| 164.7     | 4870  |
| 164.8     | 4880  |
| 164.9     | 4890  |
| 165.0     | 4900  |
| 165.1     | 4910  |
| 165.2     | 4920  |
| 165.3     | 4930  |
| 165.4     | 4940  |
| 165.5     | 4950  |
| 165.6     | 4960  |
| 165.7     | 4970  |
| 165.8     | 4980  |
| 165.9     | 4990  |
| 166.0     | 5000  |
| 166.1     | 5010  |
| 166.2     | 5020  |
| 166.3     | 5030  |
| 166.4     | 5040  |
| 166.5     | 5050  |
| 166.6     | 5060  |
| 166.7     | 5070  |
| 166.8     | 5080  |
| 166.9     | 5090  |
| 167.0     | 5100  |
| 167.1     | 5110  |
|           |       |



### CNS/ATM/SG01 (Lima, Peru, 15-19 March 2010)

#### Posting a 5LNC request – recommended option

➤ From reserve list : random search from given coordinates

- 1- no need for specific pattern
- 2- known coordinates
- 3- click search for random
- 4- a list of 30 codes with randomly check done is automatically generated
- 5- request for allocation can be finalized

GREPECAS CNS ATM SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 22

---

---

---

---

---

---

---

---

---

---

#### Check my request

➤ Possible modifications for pending requests

GREPECAS CNS ATM SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 23

---

---

---

---

---

---

---

---

---

---

#### On-line Downloads

GREPECAS CNS ATM SG01 (Lima, Peru, 15-19 March 2010) ICARD Workshop - 24

---

---

---

---

---

---

---

---

---

---

