Frequency Finder
6 SSR Mode S II Codes

Workshop

Dakar, Senegal, 24 – 28 April 2017

Presented by

Loftur Jonasson ICAO/HQ

Mie Utsunomiya ICAO/HQ

Robert Witzen

SSR Mode S II Codes (1)
Start (1)

- Functionality for the Mode S II module is similar to that for VHF COM frequency assignments
- Navigate to the Home Page for Mode S II Codes with the button SSR II on the Start Page
- Home Page is under development to include synchronization with the Global Mode S II Code list
- From the Home Page the user can navigation to the Table wit SSR Mode S II Codes
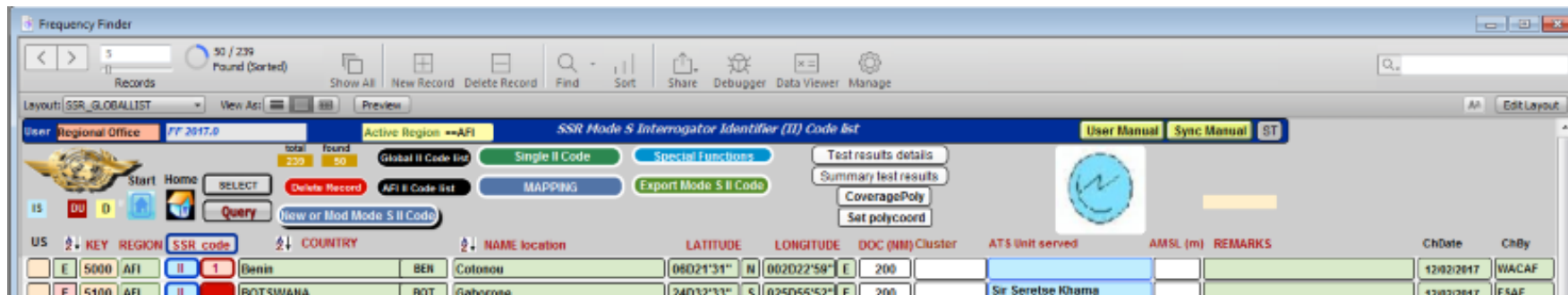
SSR Mode S II Codes (2)

- Button **Go to SSR II** navigates to the Mode S II Code list and triggers the integrity check.
- The SSR II code list is the main page to:
  - Add, modify, delete Mode S II Codes
  - Browse and Query the Mode S II Code list
  - Test compatibility of Mode S II Codes
  - View calculation results
  - Export Mode S II Codes or parts of it
- These functions are the same as for COM list 3

Home Page →Mode S II Code list
Integrity Check

- Find records same Key (partially duplicates)
- Find records with empty essential fields
- II Codes outside the range 1-16

- Find draft records

- ➢ Request user which record to keep

- ➢ User intervention (keep/repair)

- ➢ User intervention (keep/repair)

- ➢ User intervention (keep/convert/delete)

Mode S II Code list (1)

- The Navigation, Query/Select, Functions and Special Functions buttons provide for the same functionality as those for the VHF COM list 3.

- When clicking the field DOC, the coverage (range) for each of the 24 sectors is displayed

- When the field DOC reads "Sectorized", the coverage is different in different directions
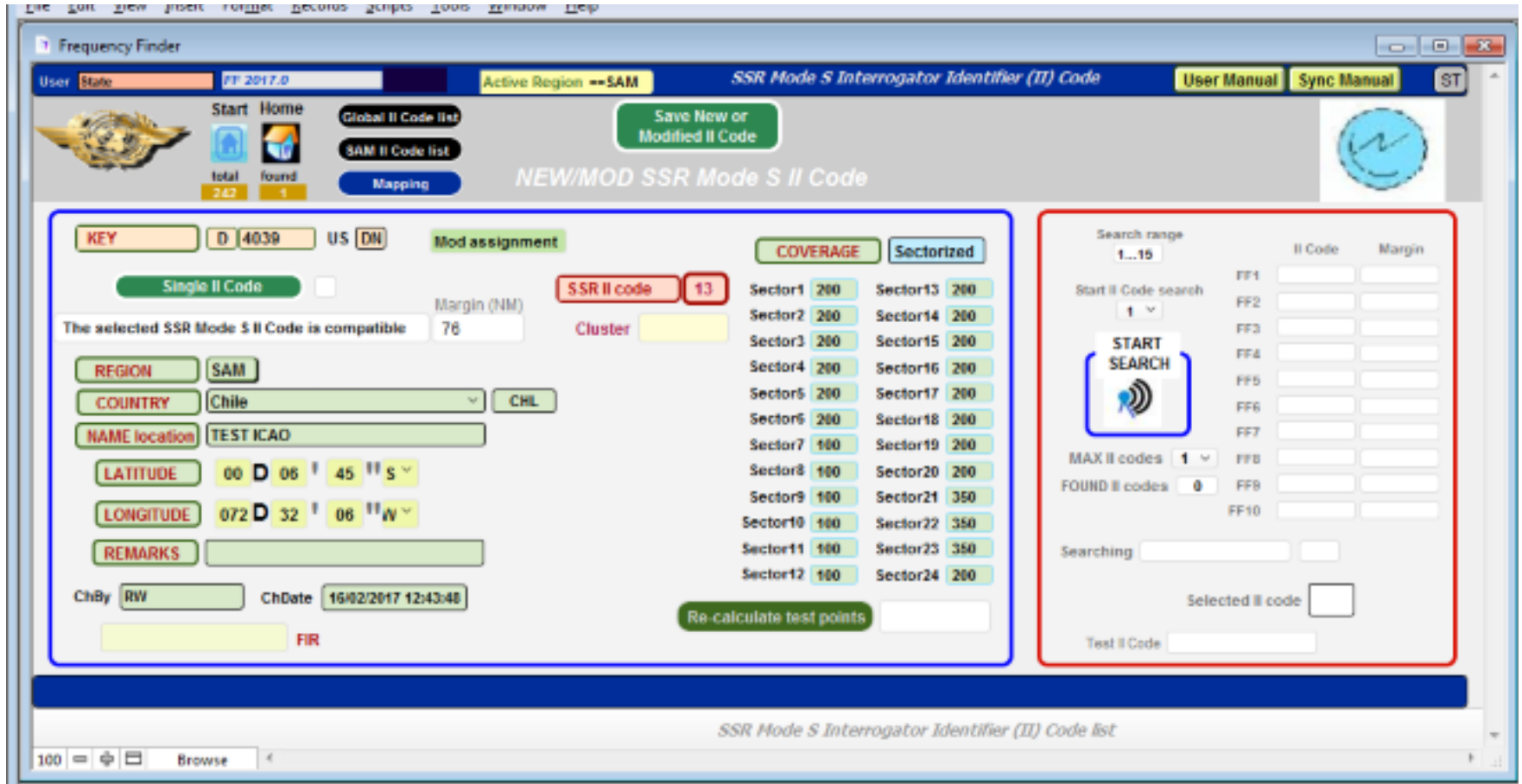
Mode S II Code

Add new or modify SSR Mode S II Code

- Click the button new or Mode Mode S II Code on the II Code list

- This window allows the user to enter the characteristics for the new or modified II Code assignment

- Click the button *COVERAGE* to enter the circular coverage for the Mode S station

- Each of the 24 sectors can be modified in cases where the coverage is sectorized

- After entering the coverage, click the button *Re-calculate test points*

- Click the button *Test* to test the compatibility of the new or modified II Code

Mode S II Code list (1)
Add, modify or search for a compatible Mode S II Code