

# Frequency Finder

## 2 Integrity check, COM list 3 buttons and Query



Workshop

Mexico City, Mexico, 6 – 10 November 2017

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# Home Page → VHF COM list 3 (1)

- “Go to COM list 3” triggers the integrity check.
- COM list 3 is the main page to:
  - Add, modify, delete frequency assignments
  - Browse and Query COM list 3
  - Test compatibility of frequency assignments
  - View calculation results
  - Export database or parts of it

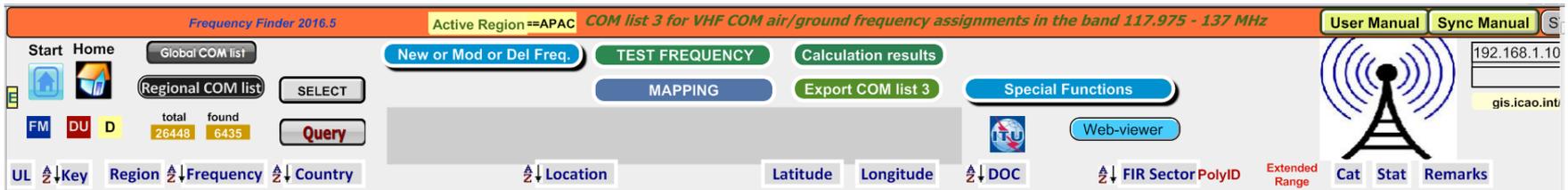
# Home Page → VHF COM list 3 (2)

## Integrity Check

- Find records same Key (partially duplicates)
- Find records with empty essential fields
- Records outside the range 117.975 – 137 MHz
- Find draft records
- Request user which record to keep
- User intervention (keep/repair)
- User intervention (keep/repair)
- User intervention (keep/convert/delete)

# VHF COM list 3 (2)

## Buttons (1)



The screenshot shows the 'Frequency Finder 2016.5' web interface. The top navigation bar includes 'Start', 'Home', 'Global COM list', 'Regional COM list', 'New or Mod or Del Freq.', 'TEST FREQUENCY', 'Calculation results', 'Export COM list 3', 'Special Functions', 'Web-viewer', 'User Manual', and 'Sync Manual'. Below this, there are buttons for 'FM', 'DU', 'D', 'Query', 'SELECT', 'MAPPING', and 'ITU'. A status bar at the bottom lists search criteria: 'UL', 'Key', 'Region', 'Frequency', 'Country', 'Location', 'Latitude', 'Longitude', 'DOC', 'FIR Sector PolyID', 'Extended Range', 'Cat', 'Stat', and 'Remarks'. A search results table is partially visible with columns for 'total' (26448) and 'found' (6435).

- **Navigation buttons:**

- Start Go to Start Page of Frequency Finder
- Home Go to Home Page VHF COM of Frequency Finder
- DU Find recently downloaded frequency assignments
- D Find draft frequency assignments

- **Query/Find buttons**

- Global COM list Display the Global COM list 3
- Regional COM list Display the Regional COM list 3 for the Active Region
- Query Start query the COM list 3
- Select Select specific frequency assignments from COM list 3
- Active Find Return last Query/Selection

# VHF COM list 3 (3)

## Buttons (2)



- **Functions (buttons):**
  - New or Mod or Del Freq.: Adds, modifies or deletes frequency assignment
  - Test Frequency                      Test compatibility of single frequency or selection
  - Mapping                                      Displays on map coverage of single or found frequencies
  - Calculation results                      Display calculation results of recent and previous compatibility calculations
  - Export COM list 3                      Export COM list 3 (or a selection) in FileMaker or Excel format
- **Special Functions (drop down menu):**
  - Go to Table Historical              Display the table Historical
  - Integrity check – restart              Restarts the Integrity Check manually

Note: Not all functions are listed here

# VHF COM list 3 (4)

## Query / Select (1)

- Query/Select buttons
  - Query Start query the COM list 3
  - Select Select specific frequency assignments from COM list 3
  - Active Find Return last Query/Selection

# VHF COM list 3 (5)

## Query (1)

- Query button – start query page Query database
  - Select Region
    - If no country is selected, button **Find** returns COM list 3 for the selected Region
  - Select Country (optional) –
    - If no Location is selected, button **Find** returns COM list 3 for the selected country
    - Select Location (optional) –
      - Button **Find** returns the COM list 3 for the selected Location

# VHF COM list 3 (6)

## Query (2)

- Query button – start query page Query database
  - Select Region
  - Select Country (optional)
  - Select Location (optional)
  - Select either Frequency, Service or FIR Sector (optional, selection is mutually exclusive) )
  - Click button ***Find***

# VHF COM list 3 (7)

## Query (3)

- Query – Select Frequency, Service or FIR Sector
  - Selection of Frequency, Service or FIR Sector is mutually exclusive. Only one (1) parameter can be selected.
  - Button **Find** returns the COM list 3 with the found frequencies, Services or FIR Sectors for the selected:
    - Region, If no Country/Location was selected
    - Country, if no Location was selected
    - Location, if a Location was selected
- Button New Query – Enter or re-enter query parameters
- Button Modify/Redo last find: Enters the query parameters for the most recent query
- Button Regional COM list 3 – Returns the COM list 3 for the *Active Region*
- *Note: To be expanded with search for Extended Range stations*

# VHF COM list 3 (8)

## Selection (1)

- Button *SELECT*
  - 1 – Click button *SELECT* to select current (active) frequency
  - Button *SELECT* gets a red background
  - 2. – Click any other frequency assignment to be added to the selection
  - 3. When selection is complete click button *SELECT*
  - 4. Button *SELECT* gets green background and returns the manual selection of frequency assignments.
  - 5. Button *Active Find* becomes active for quick redo of the selection/find
  - 6. Click button *SELECT* to remove the selection (or previous query).