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# INTERNATIONAL CIVIL AVIATION ORGANIZATION

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# Frequency Finder

## 2 Integrity check, COM list 3 and Query

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**Frequency Management Workshop for GCC**

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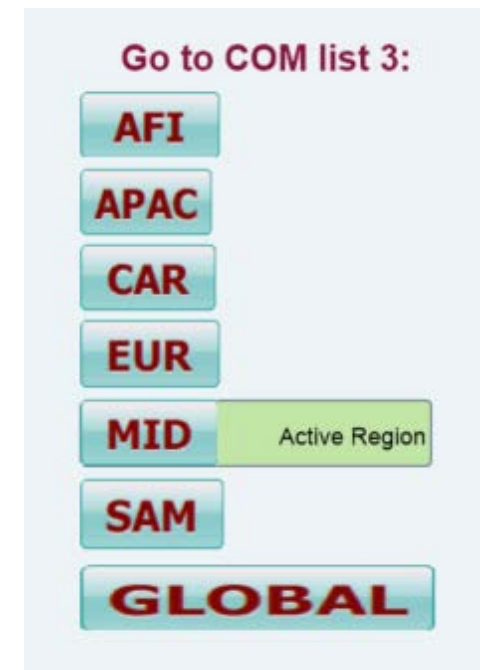
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# Home Page → VHF COM list 3 (1)

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

# VHF COM list 3 (3) Buttons (1)

The screenshot shows the software interface for VHF COM list 3. The title bar reads "COM list 3 for VHF COM air/ground frequency assignments in the band 117.975 - 137 MHz". The interface includes a menu bar (File, Edit, View, Insert, Format, Records, Scripts, Window, Help) and a toolbar with buttons for "Delete Record", "NEW/MOD Frequency", "TEST frequency", "Calculation results", "Global COM list 3", "SELECT", "MAPPING", "Export COM list 3", "MID COM List 3", "Query", "Quick Find", "Reset", "Special Functions", and "- Export submissions -". Below the toolbar is a table with columns: MOD, Key, Region, Frequency, Country, Location, Latitude, Longitude, DOC, FIR Sector, PolyID, Extended Range, F, and C. The table contains five rows of data for Bahrain.

MOD	Key	Region	Frequency	Country	Location	Latitude	Longitude	DOC	FIR Sector	PolyID	Extended Range	F	C
R	601511	MID	127.575	Bahrain	BHR BAHRAIN	26D17'00" N	050D38'00" E	ACC-L C-194/250					IC
R	601512	MID	128.775	Bahrain	BHR BAHRAIN	26D17'00" N	050D38'00" E	ACC-L C-194/250					IC
R	602355	MID	129.425	Bahrain	BHR BAHRAIN	26D17'00" N	050D38'00" E	ACC-L C-194/250					IC
R	602194	MID	120.550	Bahrain	BHR BAHRAIN	26D17'00" N	050D38'00" E	ACC-U C-260/450					IC
R	602163	MID	120.725	Bahrain	BHR BAHRAIN	26D17'00" N	050D38'00" E	ACC-U C-260/450					IC

- **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 (4) Buttons (2)

The screenshot shows the software interface for VHF COM list 3. The title bar reads "COM list 3 for VHF COM air/ground frequency assignments in the band 117.975 - 137 MHz". The interface includes a menu bar (File, Edit, View, Insert, Format, Records, Scripts, Window, Help), a toolbar with buttons like "Delete Record", "NEW/MOD Frequency", "TEST frequency", "Calculation results", "MAPPING", "Export COM list 3", "Special Functions", and "- Export submissions -", and a data table.

MOD	Key	Region	Frequency	Country	Location	Latitude	Longitude	DOC	FIR Sector	PolyID	Extended Range	F	C
R	601511	MID	127.575	Bahrain	BHR BAHRAIN	26D17'00" N	050D38'00" E	ACC-L C-194/250					IC
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R	602194	MID	120.550	Bahrain	BHR BAHRAIN	26D17'00" N	050D38'00" E	ACC-U C-260/450					IC
R	602163	MID	120.725	Bahrain	BHR BAHRAIN	26D17'00" N	050D38'00" E	ACC-U C-260/450					IC

- **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
  - 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
  - Undo submissions Undo submissions (To cancel submissions)

# VHF COM list 3 (5)

## 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 (6) 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 (7) 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 (8)

## 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*

# VHF COM list 3 (9)

## Selection (1)

- Button *SELECT*

1. Click button *SELECT* to select current (active) frequency



2. Click any other frequency assignment to be added to the selection

3. When selection is complete, click button "*ADD RECORDS*"  
*This means "Selection active"*



4. Click button "*Reset*", to remove the selection.



5. Button "*Active Find*" becomes active for quick redo of the selection/find



6. Click button "*Reset Select*" to remove the selection completely



7. Button *SELECT* gets white background and returns the manual selection of frequency assignments.



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RECONNECTING THE WORLD



# *Exercises- Query*





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Thank You!