



ICAO

# INTERNATIONAL CIVIL AVIATION ORGANIZATION

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# Frequency Finder

## 2 Integrity check, COM list 3 and Query

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**ICAO Workshop on Frequency Finder**

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**Prepared by**

Loftur Jónasson, ICAO/HQ

Mie Utsunomiya, ICAO/HQ

Fabiola Chouha, ICAO/HQ

Robert Witzen

# 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

Go to COM list 3:

AFI	Active Region
APAC	
CAR	
EUR	
MID	
SAM	
GLOBAL	

# 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)

5

Frequency Finder

State: FF\_2024\_01 Runtime Active Region ==AFI COM list 3 for VHF COM air/ground frequency assignments in the band 117.975 - 137 MHz User Manual Sync

Start Home Delete Record NEW/MOD Frequency TEST frequency Calculation results

Global COM list 3 SELECT MAPPING Export COM list 3 Special Functions

31349 total 1489 found AFI COM List 3 Query

FM DU D

MOD Key Region Frequency Country Location Latitude Longitude DOC FIR Sector PolyID Extended Range F Cat Stat Remarks

R	300046	AFI	128.100	Algeria	ALG	ADRAR test	27D50'00" N	000D11'00" W	ACC-U C-260/450				ICAO		
R	301581	AFI	127.800	Algeria	ALG	ALGER ACC	36D42'00" N	003D13'00" E	ACC-I C-194/250				ICAO		
R	300092	AFI	125.700	Algeria	ALG	ALGER ACC	36D42'00" N	003D13'00" E	ACC-L C-194/250				ICAO		

## 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)

6

R	Freq	AFI	Region	Country	ALG	Name	Lat	Long	DOC	FIR Sector	PolyID	Extended Range	F	Cat	Stat	Remarks
R 300046	128.100	AFI	ALG	Algeria	ADRAR test	27D50'00" N	000D11'00" W	ACC-U C-260/450					ICAO			
R 301581	127.800	AFI	ALG	Algeria	ALGER ACC	36D42'00" N	003D13'00" E	ACC-I C-194/250					ICAO			
R 300092	125.700	AFI	ALG	Algeria	ALGER ACC	36D42'00" N	003D13'00" E	ACC-L C-194/250					ICAO			

- **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) fr 
2. Click any other frequency assignment to be added to the selection  
(To un-select: Click frequency and enter)
3. When selection is complete, click button “*ADD RECORDS*”   
*This means “Selection active”*
4. Button “*Active Find*” becomes active for quick redo of the selection/find 
5. Click button “Reset Select” to remove the selection completely 
6. Button *SELECT* gets white background and returns the manual selection of frequency assignments.



## *Exercises- Query*



Thank You!