

ICAO Frequency Finder Easy Reference for Exercise

AFI Introductory Virtual Workshop

Presentation 2: Demo and Exercise

Presented by

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Prep for FF operation

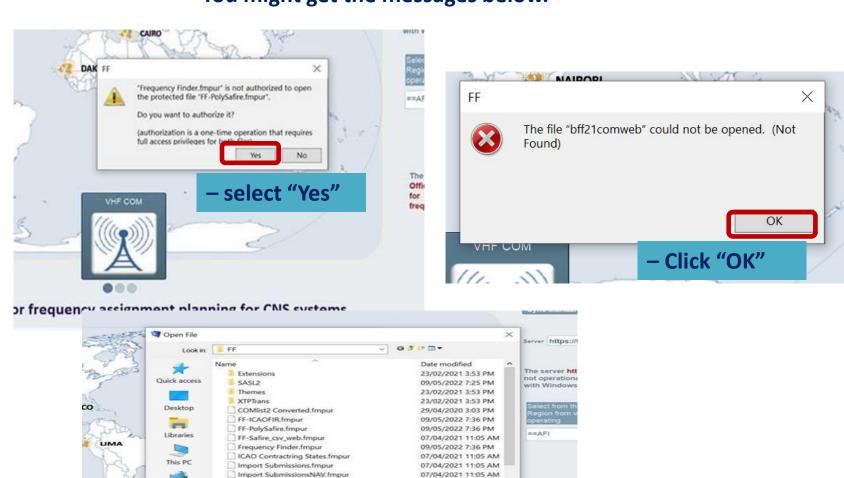
- <u>Download</u> from the FSMP website the zip-file FF2020.08
 - www.icao.int/safety/fsmp/documents/frequencyfinder
- Remove earlier version of Frequency Finder, if any.
- Unzip and run the installer file FF2020.8.R.exe
- Select to create desktop icon
- Download and install Google Earth
- More details in the User Manual:
 - Installing Frequency Finder(Run-time version)



- 🖷 User manual Import Submissions.docx
- User manual InstallFullRegionalOffices.docx
- ✓ w User manual InstallRuntime2017.docx
 - User manual Planning criteria Mode S II.docx



You might get the messages below.



07/04/2021 11:05 AM

ICAO

Offices are for the coo

frequency as

Import SubmissionsSSR.fmpur

nage for frequency accionment planning for CNS eyetems

- Click "cancel"

Network

File name

Note that those do not effect any work of the software but we are working on removing those.

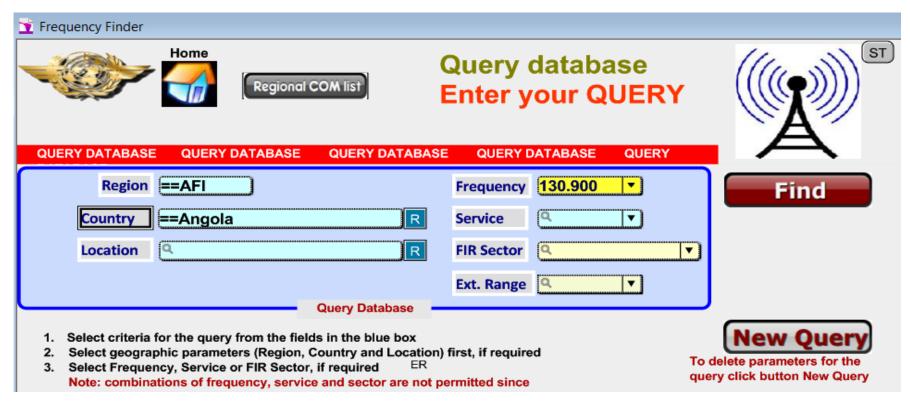




Exercise 1 – VHF-COM module Query – Example: Angola 130.900 Mhz



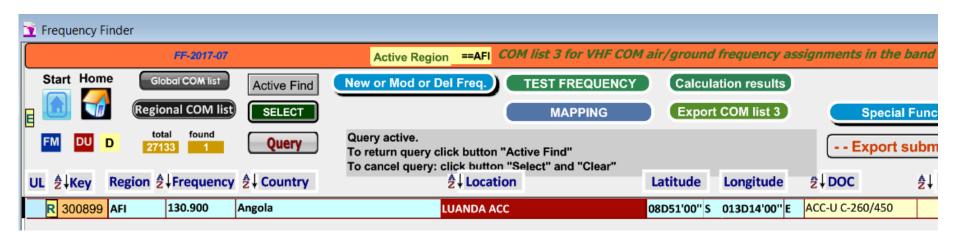
Exercise 1 – VHF-COM module Query – Example: Angola 130.900 Mhz



- ① Click "Query"
- ② Select State: Angola, Frequency: 130.900
- ③ Click "Find"



Result – VHF-COM module exercise 1 – Example: Angola 130.900 Mhz



Frequency Finder found the 130.900 MHz in Angola (Key code 300899)





Exercise No. 2 – VHF module Compatibility test

Example: Burkina Faso 119.700 MHz



Exercise No. 2 – VHF module Compatibility test

- Example: Burkina Faso 119.700 MHz. cont



① Click "Query" ② Select State: Burkina Faso

③ Click "Find"



Select: 300222 (119.700 MHz)



Exercise No. 2 – VHF module Compatibility test – Example: Burkina Faso 119.700 MHz. cont



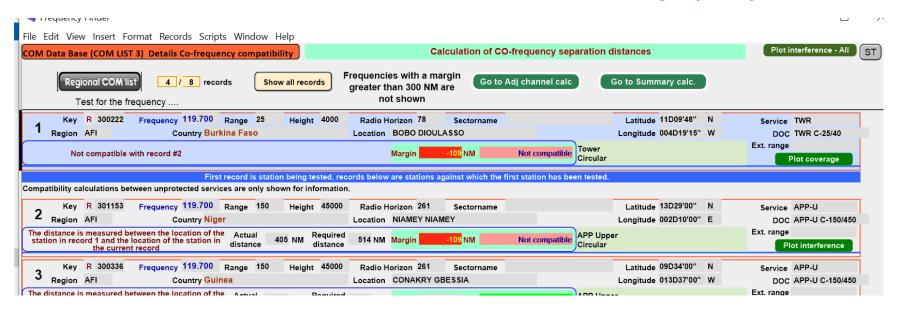
- ① With selection of 119.700 MHz, Click "Test Frequency"
- ② Select: Single frequency
- 3 Click "MAP"



Exercise No. 2 – VHF module Compatibility test – Example: Burkina Faso 119.700 MHz . cont



① Click "Co-frequency details"

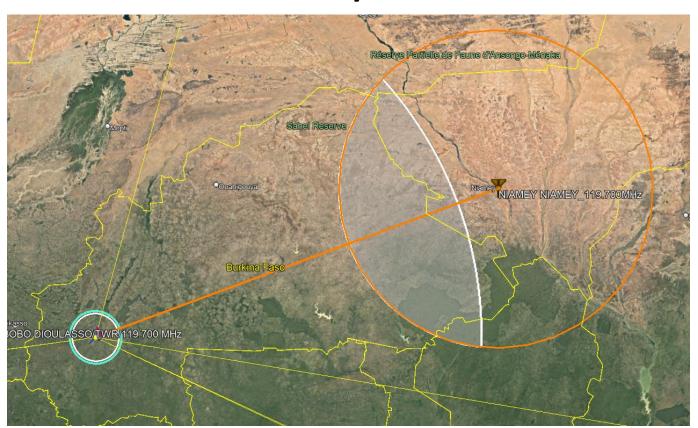




Exercise No. 2 – VHF module Compatibility test

- Example: Burkina Faso 119.700 MHz. cont

300222 is Not compatible with 301153

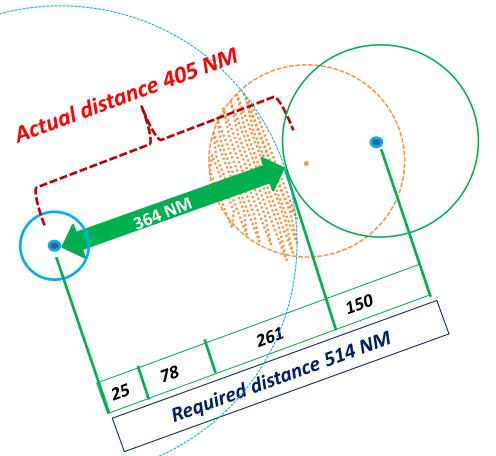




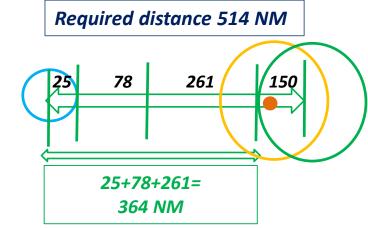


- Example: Burkina Faso 119.700 MHz. cont

300222 is Not compatible with 301153





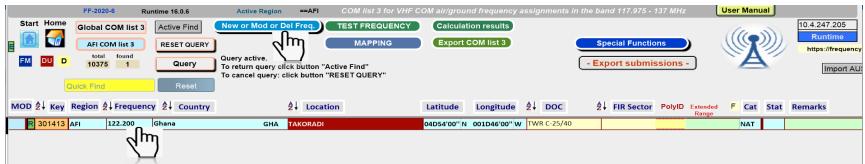




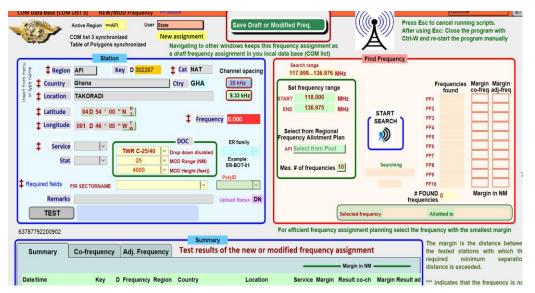
Exercise No. 3 – VHF module Add Frequency – Example: Add New TWR frequency to ICAO TEST AFI



- Exercise No. 3 VHF module Add Frequency
- Example: Add New TWR frequency to ICAO TEST AFI
- 1. Select Ghana 122.200 using Query



2. Click New or Mod or Del Freq. And select "ADD frequency"

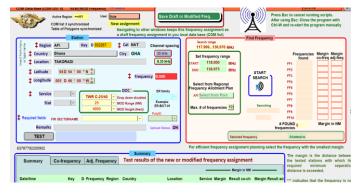


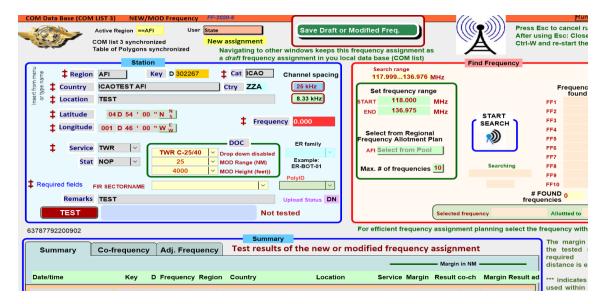


Exercise No. 3 – VHF module Add Frequency

- Example: Add New TWR frequency to ICAO TEST AFI

Add (or change) required information





In this example, Change the following information.

Country: Ghana to ICAO TEST AFI

Location: TAKORADI to TEST

• Cat: NAT to ICAO

Add the following information.

• Service: TWR

Stat: NOP

Remark: TEST

(No change to the latitude and longitude)

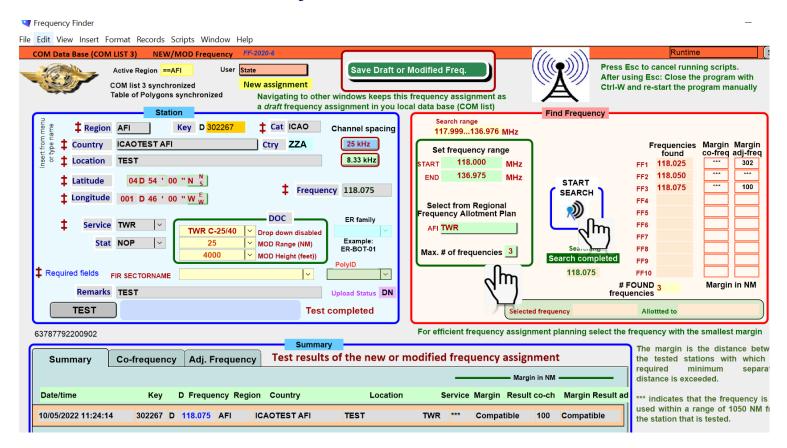




- Exercise No. 3 VHF module Add Frequency
- Example: Add New TWR frequency to ICAO TEST AFI

Find compatible frequency for this new TWR ICAO TEST AFI

1. Select TWR and Max # 3 for search. Then 2. click "Start Search"





Exercise No. 3 – VHF module Add Frequency

Example: Add New TWR frequency to ICAO TEST AFI

Select 118.025 from the outcome.

You can also plot interference all to see the result on the MAP.



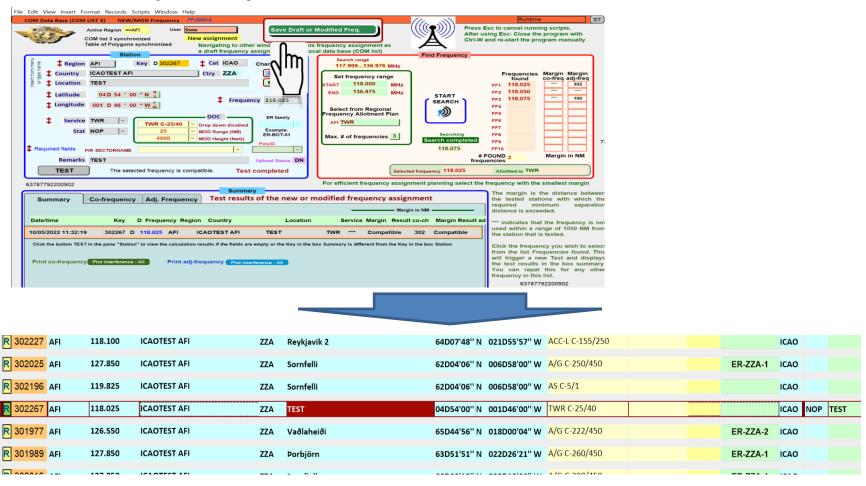


Exercise No. 3 – VHF module Add Frequency

- Example: Add New TWR frequency to ICAO TEST AFI

Save it as a registered frequency

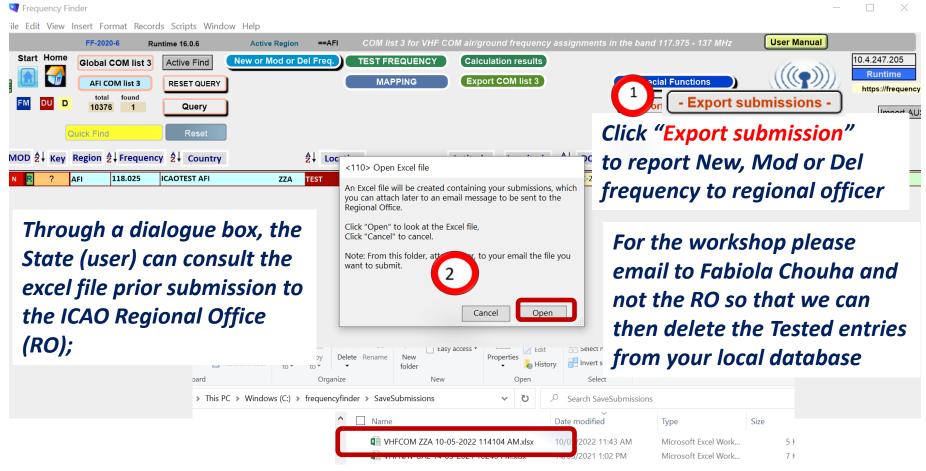
You can also plot interference all to see the result on the MAP.





Export Submissions

The registered frequency needs to report to Regional officer



3. Attach the excel file to your e-mail and send it to the Regional officer (for the workshop please send to fchouha@icao.int) as it is not real data