

# Frequency Finder NAV Module



#### **ICAO** Workshop on Frequency Finder

Bangkok, Thailand | 09-13 October 2023

#### **Prepared by**

Loftur Jónasson, ICAO/HQ Mie Utsunomiya, ICAO/HQ Fabiola Chouha, ICAO/HQ Isaiah Tefutor, ICAO/HQ Robert Witzen



# Home Page for VHF/UHF NAV ILS (Localizer and Glide Path), VOR, DME and GBAS

**Exploration** of the main functions - VHF NAV module Start page







#### Home page VHF/UHF NAV





- Navigate to Home Page: Automatic Connection Test and check if the COM list 2 was modified
- Also with button *Check Sync*
- Dialog box is displayed if a download synchronization is necessary
- Message field
- Download button
- Back-up and Recovery

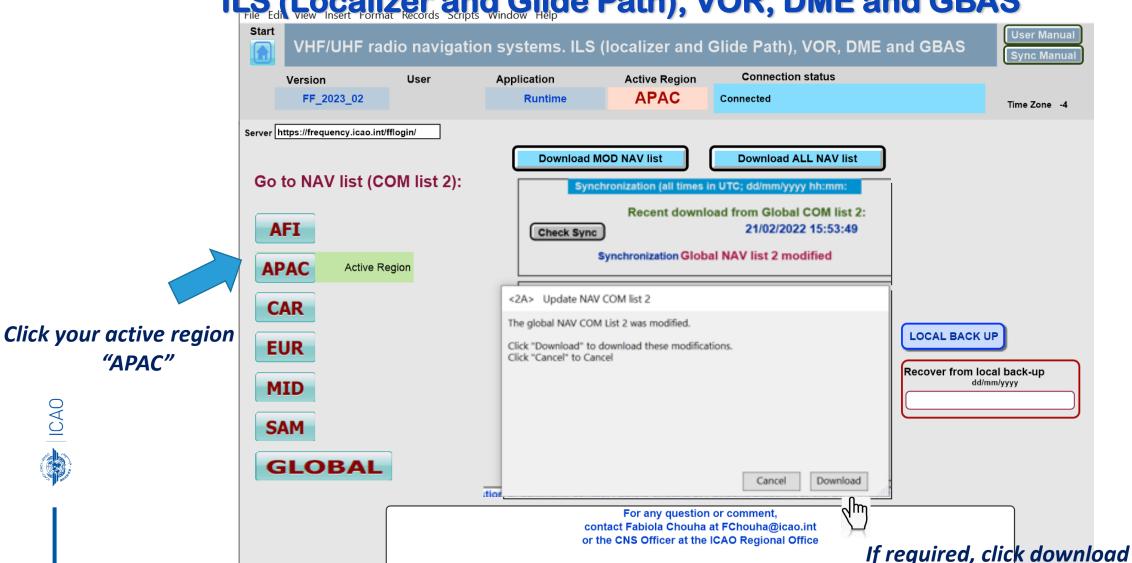




"APAC"

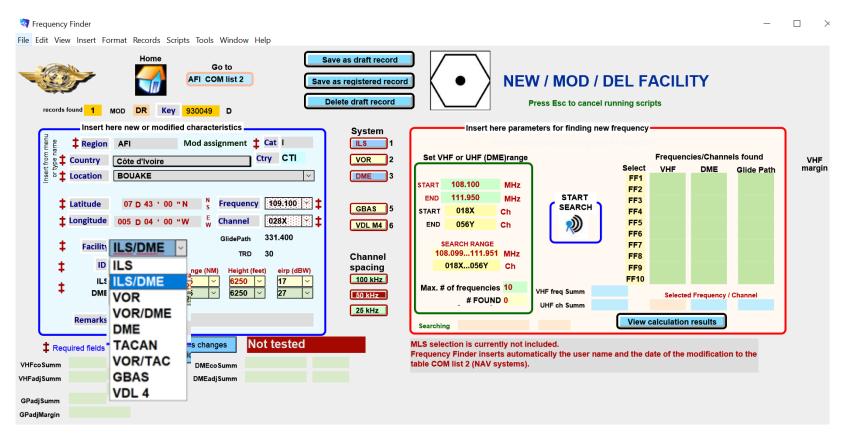
#### RECONNECTINGTHEWORLD

Home Page for VHF/UHF NAV and Integrity Check LSred Love Finder alizer and Glide Path), VOR, DME and GBAS





# Home Page for VHF/UHF NAV ILS (Localizer and Glide Path), VOR, DME and GBAS

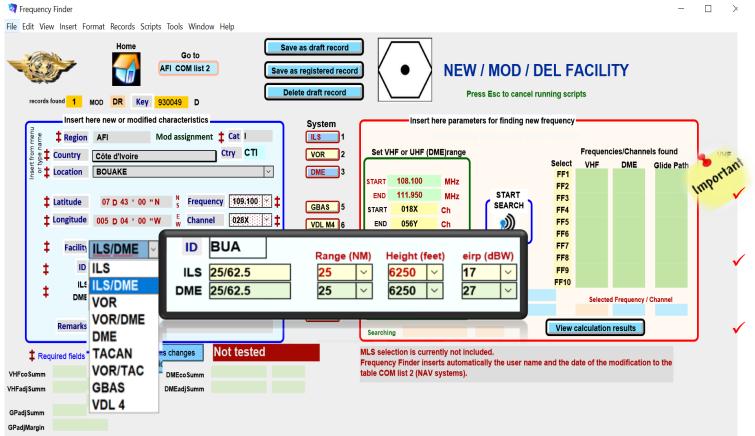


Add a DME to an existing ILS facility or for VOR Select VOR, VOR/DME, DME, TACAN, VOR/TAC)





# Home Page for VHF/UHF NAV ILS (Localizer and Glide Path), VOR, DME and GBAS



For the ILS, Frequency Finder inserts the standard DOC of 25 NM / 6250 ft.

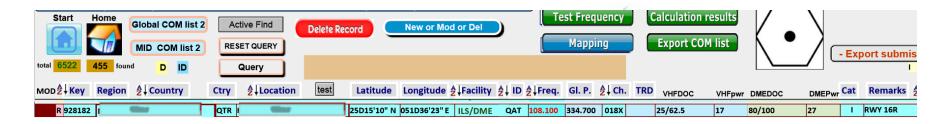
- When a DME is added to an ILS facility, the DOC is also set to these values.
- The user can modify these as necessary.

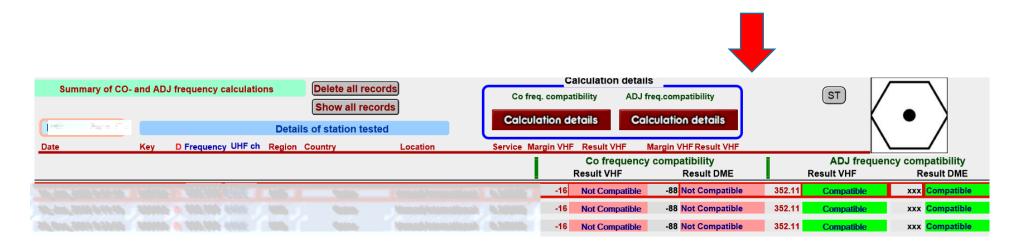






NAV module – plotting interference contours



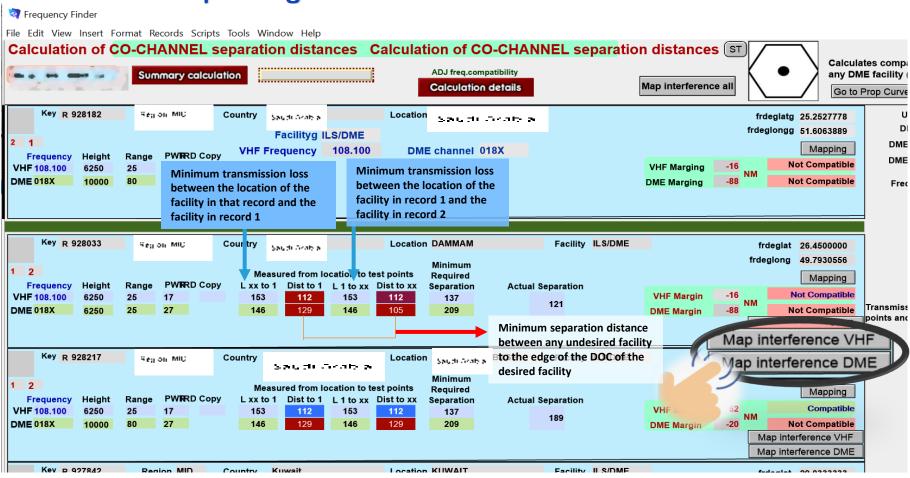






#### Other ongoing improvements (cont'd)

**NAV** module – plotting interference contours







#### Other ongoing improvements (cont'd)

NAV module – plotting interference contours – Map interference VHF and DME





# Demonstrations Test Frequency & Understand the result



#### **Exercises**

Exercise NAV 1- Update your COM List 2 of the Frequency Finder, using your latest data.





