

# **Frequency Finder** *VHF/UHF NAV Module*

RECONNECTINGTHEWORLD

ACAO/ICAO Frequency Management Workshop Casablanca, Morocco, 6-10 June 2022 Prepared by Loftur Jonasson ICAO/HQ Mie Utsunomiya ICAO/HQ Fabiola Chouha 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**





## 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 <u>Check Sync</u>
- Dialog box is displayed if a download synchronization is necessary
- Message field
- Download button
- Back-up and Recovery



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

	File Edit View Insert Form	at Records So dio navig User	cripts Window Help ation systems. ILS Application Runtime	(localizer and Active Region MID	Glide Path), VOR, DME Connection status Connected	and GBAS	User Manual Sync Manual
Click "MID"	Server https://frequency.icao.int Go to COM AFI APAC CAR EUR MID Active F SAM GLOBAL	tfflogin/ list 2:	Check Sync Synchroniz (Check Sync Synchr Synchr Synchr Check Sync Synchr Check Sync Synchr Check Sync Synchr Synchr Synchr Synchr Synchr Synchr Synchr Synchroniz Synchr Synchroniz Synchr Synchroniz Synchr Synchr Synchr Synchr Synchr Synchr Synchroniz Synchroniz Synchr Synchroniz Synchr Sy	DD NAV list 2 ation (all times in U Recent download conization Global N ist 2 was modified. ad these modifications	Download ALL NAV COM list 2 TC; dd/mm/yyyy hh:mm: from Global COM list 2: 21/02/2022 15:53:49 IAV list 2 modified	LOCAL BACK U Recover from loc ddm 01-06-2022 3:22:	P al back-up m/yyyy 50 PM
		tion	If required.	click do	Cancel Download		



### 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

🤕 Frequency Finder	$ \square$ $\times$
File Edit View Insert Format Records Scripts Tools Window Help	
Home Go to Save as draft record Save as registered record Delete draft record Delete draft record	NEW / MOD / DEL FACILITY  Press Esc to cancel running scripts
Insert here new or modified characteristics System ILS 1 VOR 2 DME 3 Country Côte d'Ivoire Ctry CTI VOR 2 DME 3 Location BOUAKE ILS 1 VOR 2 DME 3 ILS 1 VOR 2 DME 3 GBAS 5 VDL M4 6 ID BUA Range (N ILS 25/62.5 DME 25/02.5 DME 25/02.5	Insert here parameters for finding new frequency         Set VHF or UHF (DME)range         Start 108.100         MHz         Start 108.100         Start 108.200         Start 108
Gradjmargin	

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



#### **Other ongoing improvements (cont'd)** NAV module – plotting interference contours





#### **Other ongoing improvements (cont'd)** NAV module – plotting interference contours

💐 Frequency Finder

File Edit View Insert Format Records Scripts Tools Window Help





#### **Other ongoing improvements (cont'd)** NAV module – plotting interference contours – Map interference VHF and DME

