



ICAO

CAPACITY AND EFFICIENCY

FREQUENCY FINDER



Standard Operating Procedure (SoP) for Frequency Coordination
using ICAO Frequency Finder Tool

Version 2024.01
December 2024

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Standard Operating Procedure for Frequency Coordination using ICAO Frequency Finder Tool

Objective of the Manual

The guidelines are prepared for ICAO APAC Member States to seek concurrence from the ICAO APAC Office for the allocation of frequencies using Frequency Finder VHF COM/NAV Module.

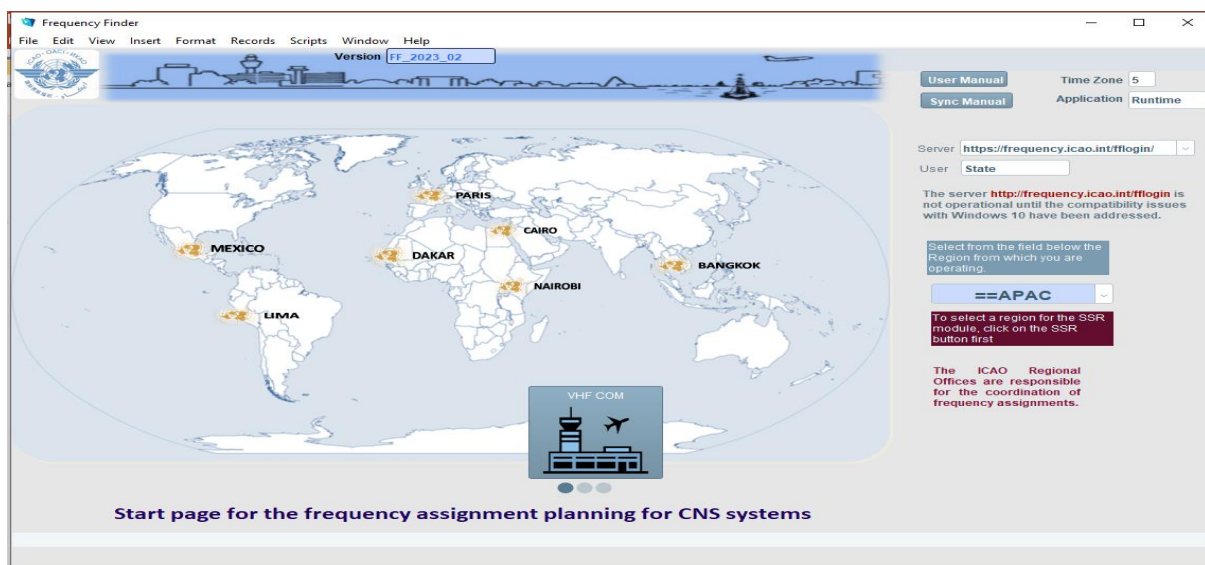
Steps for a request for allocation of VHF/NAV frequencies

States/Administrations are recommended the following steps for submitting their request for frequency allocation to the ICAO APAC Office.

Step 1: Log-in into ICAO Freq. Finder tool and select the concerned region



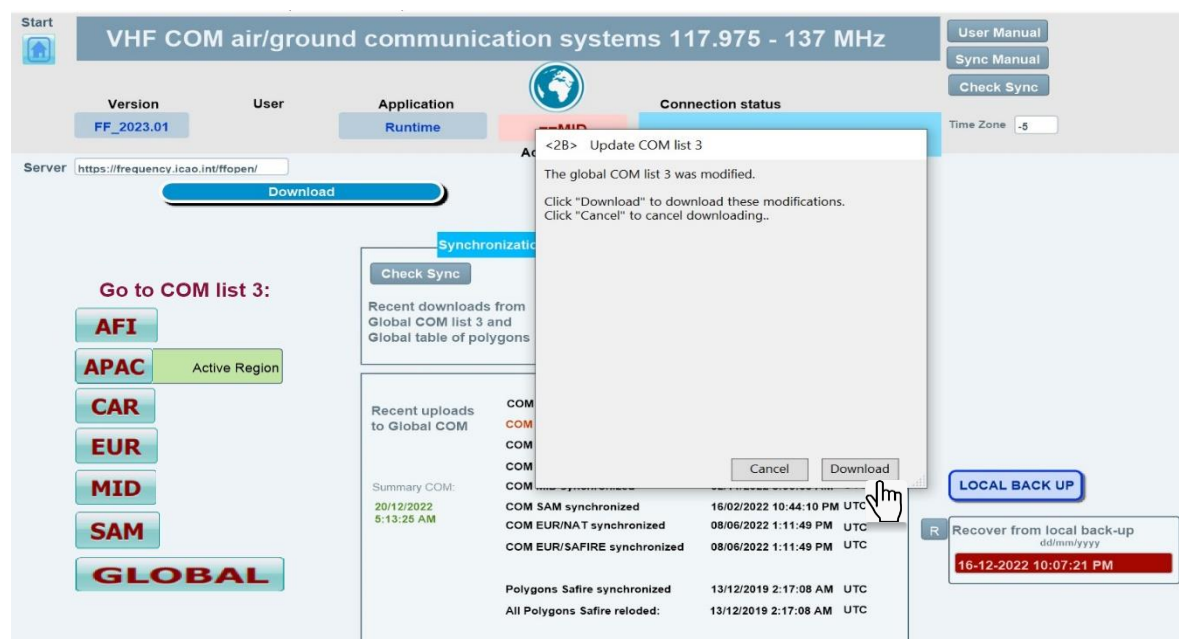
Step 2: Select the desired module, VHF COM or NAV



Step 3: Integrity Check

“Go to COM list 3” triggers the integrity check.

- Automatic Connection Test and check if the COM list 3 was modified
- Also, with the button Check Sync
- Dialog box is displayed if a download synchronization is necessary
- Message field
- Download button



Step-4: NEW/MOD Frequency

By clicking on NEW/MOD Frequency, the user will get options for CANCEL, NEW Frequency, ADD Frequency, and MODIFY Frequency.

Frequency Finder

File Edit View Insert Format Records Scripts Window Help

FF_2023_03RuntimeActive Region: APAC

COM list 3 for VHF COM air/ground frequency assignments in the band 117.975 - 137 MHz

User ManualSync Manual05-12-2024 9:59:56

StartHome

FF_2023_03RuntimeActive Region: APAC

COM list 3 for VHF COM air/ground frequency assignments in the band 117.975 - 137 MHz

User ManualSync Manual05-12-2024 9:59:56

Global COM list 3

68335619total found

APAC COM list 3

SELECT

CANCEL

NEW frequency

ADD frequency

MODIFY frequency

TEST frequency

Export COM list 3

Calculation results

Special Functions

Export submissions

Import bulk excel draft records - States

MODKeyRegionFrequencyCountryLocationLatitudeLongitudeDOCFIR SectorPolyIDExtended RangeFCatStatRemarksCh-date

R417638APAC123.400AustraliaAUS23 Mile Ridge31D24'29"S118D45'54"EACC-U C-260/450NATOPEn Route19-08-2022

R417751APAC115.800AustraliaAUS23 Mile Ridge31D24'29"S118D45'54"EACC-U C-260/450NATOPEn Route20/08/2016

R417913APAC120.500AustraliaAUSACT: CANBERRA35D18'25"S149D11'42"ECTAF 75/250NATAD OPR Canberra Airport Pty Ltd03/07/2020

R417913APAC120.500AustraliaAUSAdelaide Main Fire Station34D56'50"S138D31'48"ETWR C-25/40NATOPARFF - AD FCC20/08/2016

R417892APAC131.000AustraliaAUSAdelaide Main Fire Station34D56'50"S138D31'48"ETWR C-25/40NATOPARFF - AD FCC20/08/2016

R417766APAC125.300AustraliaAUSAdelaide TAR34D57'09"S138D31'56"EACC-U C-260/450NATOPEn Route20/08/2016

R417778APAC127.050AustraliaAUSAdelaide TAR34D57'09"S138D31'56"EACC-U C-260/450NATOPEn Route27/08/2016

R417445APAC118.200AustraliaAUSAdelaide TAR34D57'09"S138D31'56"EPPI-C-75/250NATOPTCU20/08/2016

R417437APAC124.200AustraliaAUSAdelaide TAR34D57'09"S138D31'56"EPPI-C-75/250NATOPTCU20/08/2016

R417438APAC126.600AustraliaAUSAdelaide TAR34D57'09"S138D31'56"EPPI-C-75/250NATOPTCU20/08/2016

R417516APAC121.700AustraliaAUSAdelaide Tower34D56'34"S138D31'54"ESMC C-5/1NATOPTWR - AD SMC11-05-2022

R417510APAC120.500AustraliaAUSAdelaide Tower34D56'34"S138D31'54"ETWR C-25/40NATOPTWR - AD ADCC20/08/2016

R417515APAC126.100AustraliaAUSAdelaide Tower34D56'34"S138D31'54"ETWR C-25/40NATOPTWR - AD ADCC20/08/2016

R417433APAC124.200AustraliaAUSAdelaide VUER34D57'01"S138D31'12"EPPI-C-75/250NATOPTCU20/08/2016

R417761APAC123.900AustraliaAUSAlbany34D56'47"S117D48'17"EACC-U C-260/450NATOPEn Route20/08/2016

R417851APAC123.800AustraliaAUSAlbany Tower36D04'11"S146D57'12"ETATIS B-200/450NATOPATIS - AT ATIS20/08/2016

R417514APAC121.800AustraliaAUSAlbany Tower36D04'11"S146D57'12"ESMC C-5/1NATOPTWR - AT SMC11-05-2022

R417513APAC123.250AustraliaAUSAlbany Tower36D04'11"S146D57'12"ETWR C-25/40NATOPTWR - AT ADCC20/08/2016

R417880APAC118.300AustraliaAUSAlice Springs Main Fire Station34D56'50"S138D31'48"ETWR C-25/40NATOPARFF - AS FCC20/08/2016

R417879APAC131.000AustraliaAUSAlice Springs Main Fire Station34D56'50"S138D31'48"ETWR C-25/40NATOPARFF - AS FCC20/08/2016

R417511APAC121.700AustraliaAUSAlice Springs Tower23D48'07"S133D54'01"ESMC C-5/1NATOPTWR - AS SMC11-05-2022

R417512APAC118.500AustraliaAUSAlice Springs Tower23D48'07"S133D54'01"ETWR C-25/40NATOPTWR - AS ADCC20/08/2016

R421809APAC126.200AustraliaAUSAmberley27D38'58"S152D43'14"EPPI-C-50/120NATOPAPP - AMB11-05-2022

R421807APAC123.300AustraliaAUSAmberley27D38'58"S152D43'14"ETATIS B-200/450NATOPATIS - AMB11-05-2022

R421805APAC121.925AustraliaAUSAmberley27D38'58"S152D43'14"ESMC C-5/1NATOPSMCV - AMB11-05-2022

R421806APAC129.350AustraliaAUSAmberley27D38'58"S152D43'14"ESMC C-5/1NATOPSMC - AMB11-05-2022

R421804APAC118.300AustraliaAUSAmberley27D38'58"S152D43'14"ETWR C-25/40NATOPTWR - AMB11-05-2022

VHF COM Frequency Assignment Planning

To scroll: Ctrl-up / down

Type here to search

13°C10:5012/9/2024

Step-5: NEW Frequency

The user will be navigated to the new screen for frequency selection by clicking on NEW Frequency.

Frequency Finder

File Edit View Insert Format Records Scripts Window Help

APAC COM list 3 Save as draft record Save as registered record Delete draft record

APAC COM list 3 synchronized Table of Polygons synchronized

Station MOD: DN New assignment Region: APAC Key: D 323836 Cat: Channel spacing: 8.33 kHz Frequency: 0.000

Country: Location: Latitude: D Longitude: D Service: Service: [?] DOC: Example: ER-BOT-51 or ER-BOT-115 [Set Area Service] FIR SECTOR NAME: No area service set or selected PolyID: [Enter Poly ID] [Reset] Remarks: TEST

Required fields: Summary Co-frequency Adj. Frequency Summary Test results of the new or modified frequency assignment

Date/Time: 26-11-2024 12:10:41 PM

Click the button TEST in the pane "Station" to view the calculation results if the fields are empty or the Key in the box Summary is different from the Key in the box Station

Print co-frequency [Plot interference - All] Print adj-frequency [Plot interference - All]

For efficient frequency assignment planning select the frequency with the smallest margin. The margin is the distance between the tested stations with which the required minimum separation distance is exceeded.

*** indicates that the frequency is not used within a range of 1050 NM from the station that is tested.

Click the frequency you wish to select from the list Frequencies Found. This will trigger a new test and displays the test results in the box Summary. You can repeat this for any other frequency in this list.

Submission# 63859318762887 CHDate

Step-6: TEST

After entering the details, the user has to check compatibility by clicking on TEST Icon.

Step-7: SAVE Frequency

After entering the details, the user has to check compatibility by clicking on the TEST option.

Once Frequency is found compatible, register the Frequency by clicking on Save as a registered record.

VHF COM LIST 3 NEW/MOD Frequency

Search range: 118.000...136.975 MHz

Set frequency range: START Start Frequency MHz, END End Frequency MHz

Select from Regional Frequency Allotment Plan: APAC Select from Pool

Max. # of frequencies: 10

START SEARCH

Searching

Frequencies found	Margin co-freq	Margin adj-freq
FF1		
FF2		
FF3		
FF4		
FF5		
FF6		
FF7		
FF8		
FF9		
FF10		

FOUND 0 frequencies

Selected frequency: Allotted to

View Summary calculations

For efficient frequency assignment planning select the frequency with the smallest margin. The margin is the distance between the tested stations with which the required minimum separation distance is exceeded.

*** indicates that the frequency is not used within a range of 1050 NM from the station that is tested.

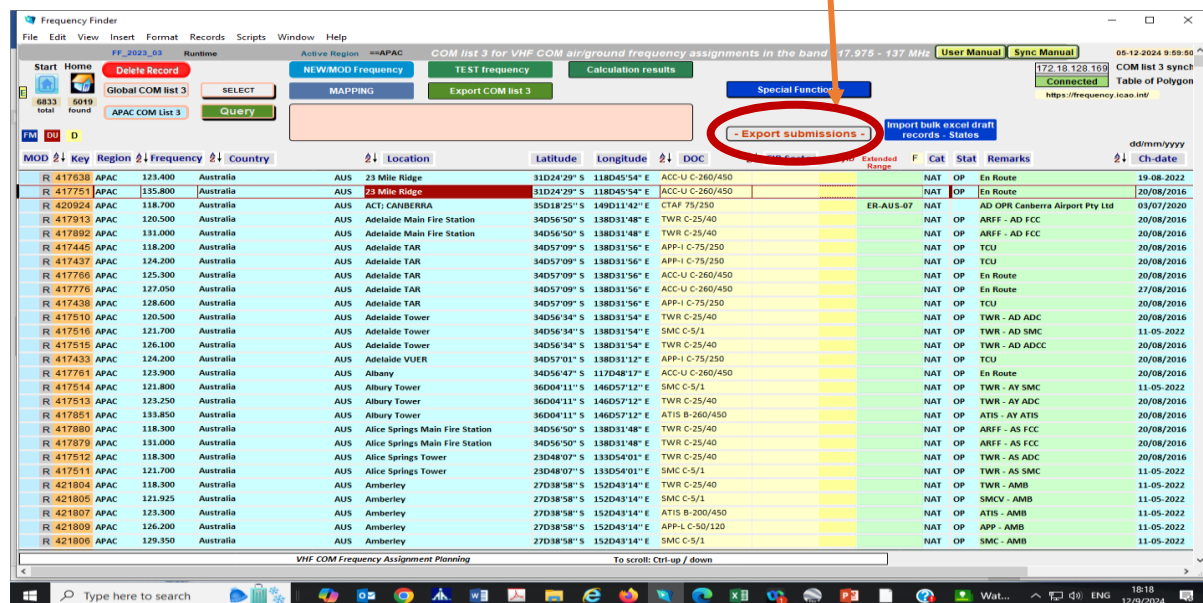
Click the frequency you wish to select from the list **Frequencies found**. This will trigger a new Test and displays the test results in the box summary. You can repeat this for any other frequency in this list.

Submission# 63869345103475

ChDate

Step-8: Export Submissions

Once a draft frequency is saved, the user must click the Export Submission option given at the top of the module.



Step-9: Send saved submissions to the ICAO Regional Office

The exported MS Excel file i.r.o. Compatible frequency spot(s) will be saved in "SaveSubmissions" folder of the ICAO Frequency Finder on the local PC.

This file must be forwarded by the registered Point of Contact (PoC) for Frequency via e-mail (snibhani@icao.int/vmeefuengsart@icao.int) or a letter to the ICAO Regional Office to seek concurrence.

Export Submissions

