

Frequency Management Workshop for Gulf Cooperation Council (GCC)

Abu Dhabi, UAE, 9-11 January 2023

Demonstrate Query:

- 1. Bahrain - HAIMA**
- 2. ICAO TEST MID, 118.100**
- 3. Select Kuwait-KUWAIT 118.150, 118.255 and 118.300**

Exercise: Query:

- 1. Query database for MID – United Arab Emirates– MINHAD Airport – 122.500 MHz**
- 2. Re-do and modify query – find TWR**
- 3. Return results of last Query.**
- 4. Find all frequency assignments for the service TWR in your country.**
- 5. Select frequencies (UAE- ABU DHABI -118.125, 118.425 and 118.475)**

6. Test Frequency

Test frequency is an automatic process. Frequency Finder offers the option to test a single frequency assignment and plot on a map the results of the compatibility calculations or to test a series of frequency assignments (these are a result of a query or selection).

With Test Frequency, the results of the compatibility calculations are to be interpreted by the user in cases where Frequency Finder found that frequency assignments were not compatible.

Demonstration

- **Bahrain - HAIMA – Compatible**
- **Saudi Arabia – AL WAJH – 118.075 MHz**
- **Select two frequencies – UAE, SIR BU NUAIR 130.375 and 133.250**

Exercise

1. Find the record for: **Oman, DUQM, Frequency 118.000**
 - Test – single frequency
2. Testing of the compatibility of **two frequency assignments in Kuwait**.
Perform the compatibility test for these frequency assignments
(Kuwait- **KUWAIT– 132.100 and 135.850**)
3. Perform compatibility test in your country.

For example, find all frequency assignments for the service TWR in your country and perform compatibility test.

Exercises

Test Frequency & Understand the result

Demonstration:

1. Query: **Saudi Arabia 120.700 MHz**
 - **Select: Location ABHA (Key 601873)**Test single frequency
2. Query: **Bahrain 132.450 MHz**
Test single frequency

Exercise:

1. Perform compatibility test – single frequency
 - Query: State: United Arab Emirates 125.900 MHz
 - Select key “601275”
 - Click test frequency and single frequency
2. Perform compatibility tests.
 - all frequency assignments in your country
 - Test all or some of these frequency assignments in your country
 - Look at each incompatible frequency assignment to determine if or what action is required.

Exercises

Add, Modify or Delete Frequency (Demonstration and exercise together!)

Demonstrations and Exercises:

1. Demonstration 1- Add

Based on a frequency assignment (for example, select: Kuwait, Al Ahmadi, 121.075), then add APP-L frequency to ICAOTEST MID

Exercise 1- ADD: using one station in your country as a template, add a station and find an appropriate frequency for that station. (recommend to add TWR service)

- 1) Query a frequency (in your country) and select it
- 2) Add one station and find an appropriate frequency for that station
(In Remark, **please add TEST for GCC WORKSHOP**)
- 3) If you found an appropriate one, save it as registered frequency.
- 4) Send it to the Regional officer.

2. Demonstration 2- MOD: using outside range data (key 603124 – integrity check outcome), modify the data and find an appropriate frequency.

1) Query a frequency (State: ICAO MID, Frequency 137.000)

2) Modify its data

- change the name of the location from “Amsterdam” to “ICAO MID 1”
- change the service from ACC-U to TWR, and
- change the frequency from 137.00 to 118.300 and then,

3) Test the modified data with the selected frequency 118.300, and

4) If the result indicates not compatible, find an appropriate frequency for this site.

Exercise 2- MOD: modify some parameter in the TWR frequency of your country you created in Exercise 1- ADD, and find an appropriate frequency for that station.

1) Query a frequency (in your country) and select the frequency you created in the Exercise 1- ADD.

2) Modify the service from TWR to ATIS, and find an appropriate frequency for that station. (In Remark, please keep the remark “TEST for MID WORKSHOP”)

3) If you found an appropriate one, save it as registered frequency; and

4) Send it to the Regional officer.

3. Demonstration 3- Delete a frequency, using ICAO MID Key 603122.

- 1) Query a frequency (State: ICAO MID, Frequency 118.100)
- 2) Delete this frequency, and
- 3) Submit it to the regional officer.

Exercise 3- DEL: Delete the ATIS frequency of your country you created in the Exercise 2-MOD.

- 1) Query a frequency (in your country) and select the frequency you created in the Exercise 2 MOD.
- 2) Click "Delete Record".
- 3) Click "Delete"
- 3) Submit it to the Regional officer.

4. Exercise

- Update your COM List 3 of the Frequency Finder, using your latest data.