##

eQueryFXM

15/12/2023

BR/TSD/FMD

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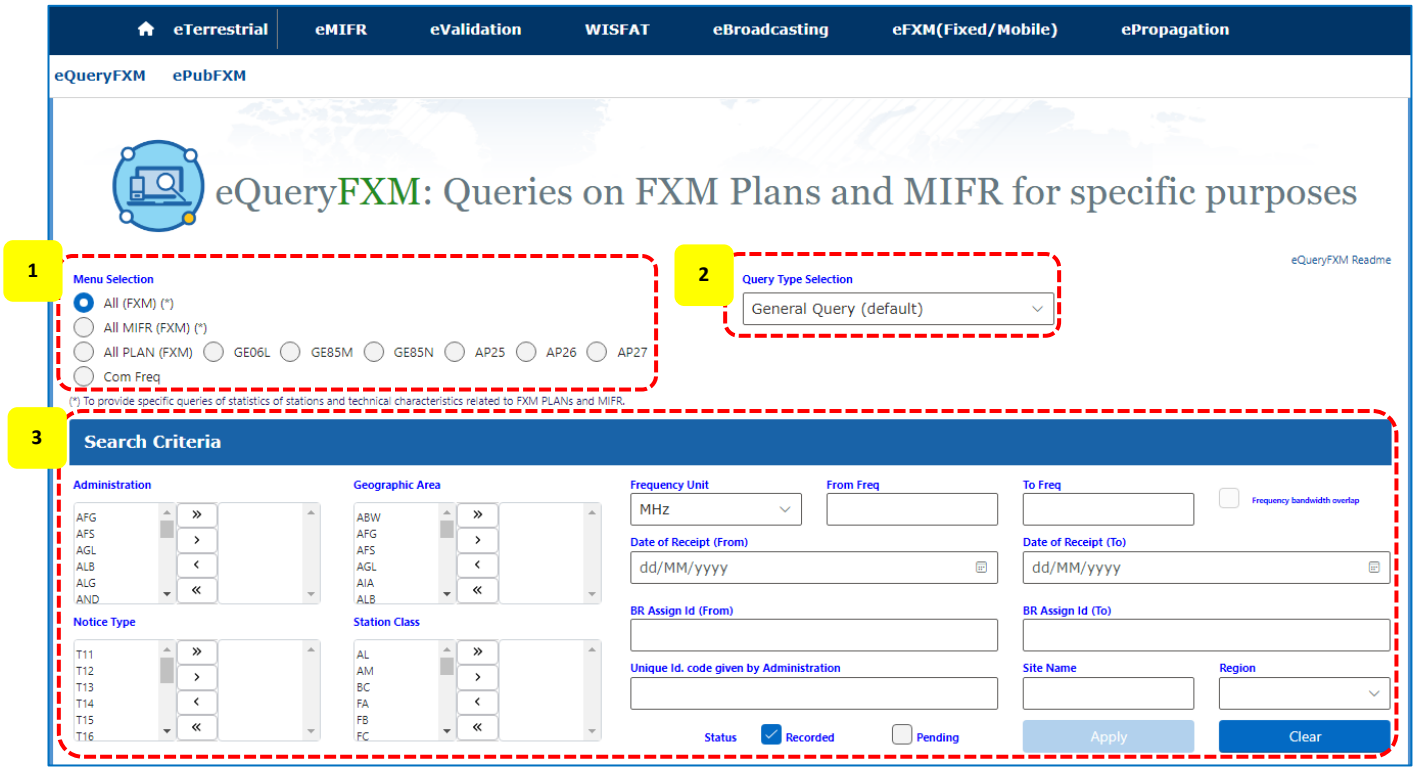


1. **Menu Selection**

This selection menu allows to choose a category (fragment) among FXM assignments as well as common frequencies recorded in the Master International Frequency Register (MIFR) and FXM assignments/allotments PLANs.

All (FXM)	All FXM assignments (MIFR) and PLANs as well as common frequencies. This menu is provided for specific queries related to FXM PLANs and MIFR.
All MIFR (FXM)	All FXM frequency assignments notified in accordance with Article 11 of the Radio Regulations (RR). (fragment = NTFD_RR) This menu is provided for specific queries related to MIFR.
All PLAN (FXM)	All FXM assignments/allotments recorded in PLANs.
GE06L	Frequency assignments relating to GE06L (List of frequency assignments to primary terrestrial services other than broadcasting in the planning area and frequency bands governed by the Geneva 2006 Regional Agreement (GE06))
GE85M	Frequency assignments relating to GE85-MM-R1 (The Regional Agreement concerning the MF Maritime Mobile and Aeronautical Radionavigation Services (Region 1), Geneva, 1985)
GE85N	Frequency assignments relating to GE85-EMA (The Regional Agreement concerning the planning of the Maritime Radionavigation Service (Radiobeacons) in the European Maritime Area, Geneva, 1985)
AP25	Frequency Allotment Plan of Appendix 25 to the RR
AP26	Frequency Allotment Plan of Appendix 26 to the RR
AP27	Frequency Allotment Plan of Appendix 27 to the RR
Com Freq	Frequencies prescribed by the RR for common use by stations of a given service (Chapter VI, PREFACE to BR IFIC (terrestrial services))

2. **Query Type Selection**

This selection menu allows to choose a list of records of the MIFR and FXM PLANs among 2 types of query selections by providing search functions and filtering criteria (for search criteria, see section 3.)

- "General Query"
  This query provides general characteristics of assignments.
  All detail information of each assignment can be also displayed by clicking BRID number.
- "Statistics Query" (* AP25, AP26, AP27 Allotment Plans and common frequencies are not included.)
  - "Class of Station Statistics"
    This menu provides statistics on the number of assignments by fragment, region and class of station based on the applied search criteria.
  - "Technical Statistics"
    This menu provides minimum, maximum and average of technical characteristics by region and class of station based on the applied search criteria.
  - "Technical Characteristics"
    This menu provides technical characteristics of assignments which includes details of each antenna operation based on the applied search criteria.

Structure of selections consists of the following 2 layers:

1st selection	2nd selection
General Query (default)	(1st selection only)
Statistics Query	Class of Station Statistics
	Technical Statistics
	Technical Characteristics

See Annex 1 for listed items for each query selection ("General Query" and "Statistics Query").

3. **Search Criteria**

The following search criteria are available:

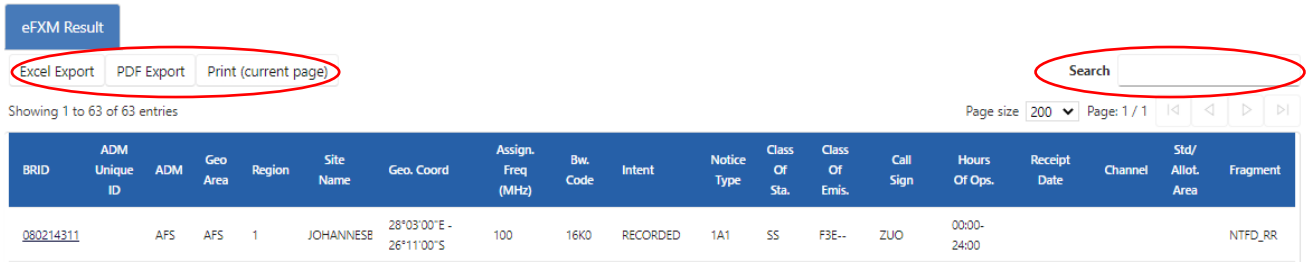
name	description
Administration	Symbol of the notifying administration. See Section 1 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
Geographic Area	The code of the geographical area in which the transmitting station is located. See Section 2 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
Notice Type	Notice Types. See Section 2 of Chapter III, PREFACE to BR IFIC (terrestrial services)
Station Class	Class of Station. See Section 6 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
Frequency Range (Frequency Unit, From Freq, To Freq, Frequency bandwidth overlap)	Frequency range of Assigned frequency (defined in RR Art.1) by "frequency Unit", "From Freq" and "To Freq". (From Freq <= Assigned Frequency <= To Freq) If "frequency bandwidth overlap" is selected, query result also includes assignments whose bandwidths are overlapped in the frequency range.
Date of Receipt (From), Date of Receipt (To)	Date of receipt of the notice by the Bureau.
BR Assign Id (From), BR Assign Id (To)	Assignment Identifier given to each assignment by the Bureau during the processing of a notice.

name	description
Unique Id. code given by Administration	Unique identification code given by the administration to the assignment or allotment.
Site Name	Site Name. The name of the locality by which the transmitting station is known or in which it is situated. Also see Section 4 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
Region	Radiocommunication Regions of the World: 1, as defined in No.5.3 of the RR; 2, as defined in No.5.4 of the RR; 3, as defined in No.5.5 of the RR, Y, used for Antarctica.
Status	• Recorded: the assignments are recorded in MIFR (Intent = "RECORDED") • Pending: the assignments are in the process of being recorded by the Bureau (Intent = "ADD" or "MODIFY")

Resulting table is displayed under the search criteria field, when users push "Apply" button after filling in at least one search criteria.

4. **Other functions**

Text search in the resulting table and Excel/PDF export functions, as well as print function are available. "Query Parameters" (search criteria) and "Data" (query results) are exported in the exported/print files.



Annex 1

Listed items in search results by each query selection ("General Query" and "Statistics Query")

- "General Query"

name	description
BRID	Assignment Identifier given to each assignment by the Bureau during the processing of a notice.
ADM Unique ID	Unique identification code given by the administration to the assignment or allotment.
ADM	Symbol of the notifying administration. See Section 1 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
Geo Area	Code of the geographical area in which the transmitting station is located. See Section 2 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
Region	Radiocommunication Regions of the World: 1, as defined in No.5.3 of the RR; 2, as defined in No.5.4 of the RR; 3, as defined in No.5.5 of the RR, Y, used for Antarctica.
Site Name	Site Name. The name of the locality by which the transmitting station is known or in which it is situated. Also see Section 4 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
Geo.Coord	Geographical coordinates of the transmitter site, or geographical coordinates of the centre of the circular zone, in which mobile transmitting stations associated with a receiving land station, or a typical transmitting station are operating.
Assign.Freq (MHz)	Assigned frequency in MHz, as defined in RR Art.1.
Bw.Code	Necessary Bandwidth Code.
Intent	Notification intended for: • ADD - proposed addition of new assignment • MODIFY - proposed modification • RECORDED – RECORDED in the MIFR
Notice Type	Notice Types. See Section 2 of Chapter III, PREFACE to BR IFIC (terrestrial services)
Class of Sta.	Class of Station. See Section 6 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
Class of Emis.	Class of Emission
Call Sign	Call sign used in accordance with RR Art.19.
Hours Of Ops.	Regular hours of operation, from (UTC) to (UTC).
Receipt Date	Date of receipt of the notice by the Bureau.
Channel	Channel number
Std/Allot.Area	Code of the geographical area or standard defined area.
Fragment	Codes used for Regional agreements, plans and notification procedures. NTFD_RR for RR Art.11, AP25, AP26, AP27, Com Freq, GE06L, GE85M, GE85N.

- "Class of Station Statistics" ("Statistics Query")

name	description
Frequency Range	Range of Assigned frequency, as defined in RR Art.1.
Fragment	Codes used for Regional agreements, plans and notification procedures. NTFD_RR for RR Art.11, GE06L, GE85M, GE85N.
Region	Radiocommunication Regions of the World: 1, as defined in RR5.3; 2, as defined in RR5.4; 3, as defined in RR5.5, Y, used for Antarctica.

- “Technical Statistics“ (“Statistics Query”)

name	description
Number of assignments	Number of assignments of corresponding Region and Station (Class of Station)
Bandwidth (MHz)	Minimum, maximum and average of necessary bandwidth in MHz
Radiated power (dBW)	Minimum, maximum and average of radiated power in dBW
Radiated power density (dBW/MHz)	Minimum, maximum and average of radiated power density in dBW/MHz
Power delivered to antenna (dBW)	Minimum, maximum and average of power delivered to the antenna in dBW
Maximum antenna gain (dBi)	Minimum, maximum and average of maximum antenna gain in dBi
Antenna height above ground (m)	Minimum, maximum and average of height of the antenna above ground level in metres

- “Technical Characteristics“ (“Statistics Query”)

name	description
adm	Symbol of the notifying administration. See Section 1 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
region	Radiocommunication Regions of the World: 1, as defined in No.5.3 of the RR; 2, as defined in No.5.4 of the RR; 3, as defined in No.5.5 of the RR, Y, used for Antarctica.
assgn id	Assignment Identifier given to each assignment by the Bureau during the processing of a notice.
ant	Numbering of antenna operations
fragment	Codes used for Regional agreements, plans and notification procedures. NTFD_RR for RR Art.11, GE06L, GE85M, GE85N.
Freq assgn	Assigned frequency in MHz, as defined in RR Art.1.
bw MHz	Necessary Bandwidth in MHz
stn cls	Class of Station. See Section 6 of Chapter IV, PREFACE to BR IFIC (terrestrial services)
lat dec, lon dec	Geographical coordinates of the transmitter site, or geographical coordinates of the centre of the circular zone, in which mobile transmitting stations associated with a receiving land station, or a typical transmitting station are operating. (in decimal degrees)
gain max	Maximum antenna gain of the transmitting antenna (see No.1.160 of the RR)
gain type	Type of antenna gain: I - Isotropic gain; V - gain relative to a short vertical antenna; and D - gain relative to a half-wave dipole (see No.1.160 of the RR)
polar	Code indicating the type of polarization
ant dir	Antenna directivity. The indicator showing whether the antenna is directional (D) or non-directional (ND).
hgt agl	Height of the antenna above ground level, in metres.
azm max e	Azimuth of maximum radiation of the transmitting antenna, measured in the horizontal plane from True North in a clockwise direction.
elev	Elevation angle of maximum directivity, in degrees.
pwr ant	Power delivered to the antenna, in dBW.
pwr dbw	Radiated power, in dBW.
noise temp	Lowest total receiving system noise temperature, in Kelvin.
RX geo pt	Numbering of the geographical coordinates of the receiving stations
RX lat dec, RX lon dec	Geographical coordinates of the receiving stations (in decimal degrees)