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Organised by:



# BR IFIC Terrestrial Services

# Introduction



- The purpose of the BR International Frequency information Circular (BR IFIC) is to provide information on the frequency assignments/allotments recorded in the Master International Frequency Register and World-wide or Regional Plans, as well as on frequencies prescribed for common use.
- The BR IFIC is published once every two weeks by the BR, pursuant to Article 20 (provisions Nos. 20.1 to 20.6 and 20.15) of the Radio Regulations (RR).
- The BR IFIC is issued in Arabic, Chinese, English, French, Russian and Spanish.
- Due to the large volume of data, the BR IFIC is published in two parts: Terrestrial Services and Space Services.

# Look and navigation menu

BR IFIC 2747
BR IFIC 2747 - 25/06/2013

English

Español

Français

Русский

中文

العربية

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BR IFIC Contents


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## BR IFIC 2747 - 25/06/2013

Welcome to the BR International Frequency Information Circular (BR IFIC).





**BRIFIC**  
International Frequency Information Circular  
(Terrestrial Services)

Install BR IFIC

Quit

Language



# Contents of the BR IFIC

- Latest publication: Parts I, II, III, eventually IIB and Special Sections;
- Master International Frequency Register (MIFR);
- World-wide and Regional Plans for terrestrial services;
- Notices in process;
- Frequencies prescribed for common use;
- TerRaQ, TerRaNV and TerRaNotices software and database utilities;
- The Preface to BR IFIC in Arabic, Chinese, English, French, Russian and Spanish;
- General information (ReadMe file).

# Software



- TerRaQ: Software for querying the BR IFIC database:
  - Parts I, II, III or IIB and the Special Sections (Parts A, B and C);
  - Frequency assignments/allotments recorded in the Master Register and in the various plans, as well as notices currently being processed;
  - Pre-defined and custom queries (National extract, etc.).
- TerRaNV
  - Software for preliminary validation of electronic notice files;
  - Complete validation is performed by the BR.
- TerRaNotices
  - Creation and preliminary validation of electronic notices;
  - Incorporates the same validations as TerRaNV.
- BR IFIC DB Manager
  - It is now possible to have different releases of the BR IFIC database installed on one PC and to switch among them.
- Terrestrial BR IFIC Format Converter
  - Convert BR IFIC database file from SQLite to MS Access<sup>®</sup> and vice versa



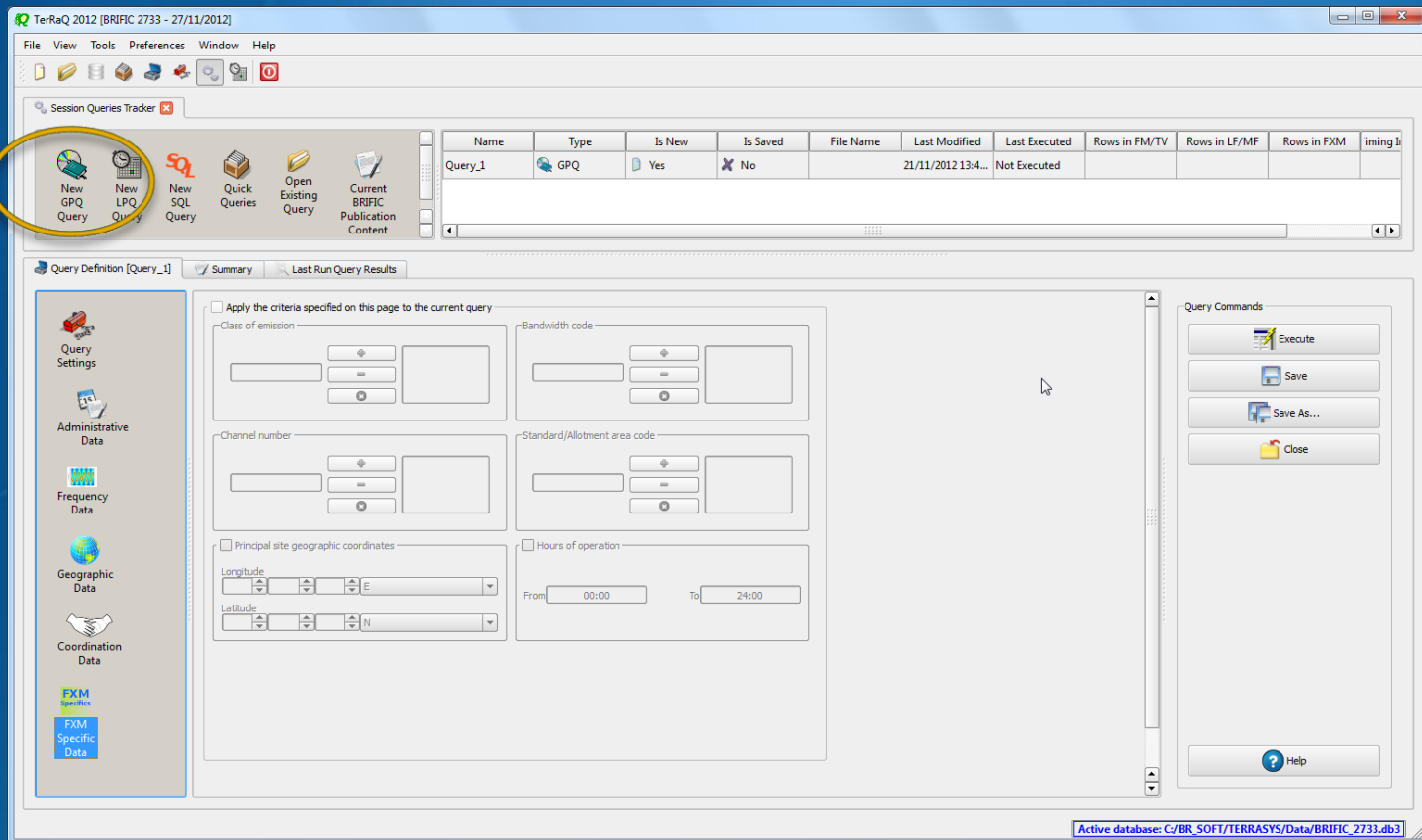


# TerRaQ: to consult BR IFIC

- General Purpose Query (GPQ)
- Latest Publications Query (LPQ)
- Quick Queries
- Custom SQL Query
- Save Query Parameters
- Current BR IFIC Publication Content

# General Purpose Query (GPQ)

GPQ is used to consult Master Register, Plans and Notices in process.



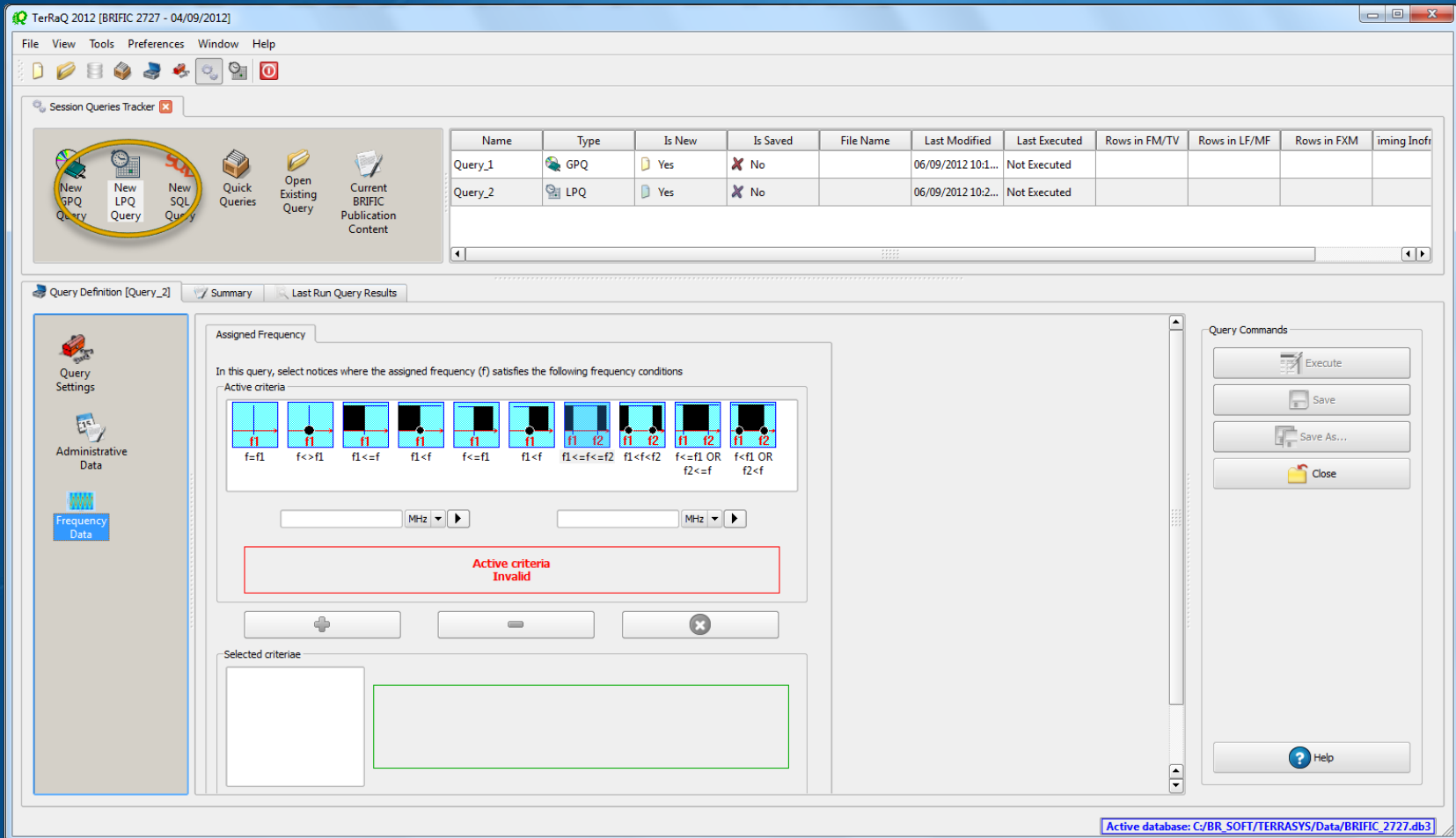
The screenshot shows the TerRaQ 2012 software interface. The main window is titled "TerRaQ 2012 [BRIFIC 2733 - 27/11/2012]". The menu bar includes File, View, Tools, Preferences, Window, and Help. Below the menu bar is a toolbar with various icons. A "Session Queries Tracker" window is open, displaying a table with the following data:

Name	Type	Is New	Is Saved	File Name	Last Modified	Last Executed	Rows in FM/TV	Rows in LF/MF	Rows in FXM	Timing
Query_1	GPQ	Yes	No		21/11/2012 13:4...	Not Executed				

The "Query Definition [Query\_1]" window is active, showing various configuration options for the query. The "Query Commands" panel on the right includes buttons for Execute, Save, Save As..., Close, and Help. The "Active database" is shown as "C:/BR\_SOFT/TERRASYS/Data/BRIFIC\_2733.db3".

# Latest Publications Query (LPQ)

LPQ is used to consult only the current BR IFIC publication



The screenshot shows the TerRaQ 2012 software interface. The main window is titled "TerRaQ 2012 [BRIFIC 2727 - 04/09/2012]". The "Session Queries Tracker" window is open, displaying a table of queries. The "New LPQ Query" button is circled in yellow. Below the table, the "Query Definition [Query\_2]" window is shown, with the "Assigned Frequency" tab selected. The "Active criteria" section contains several frequency condition icons, and a red box indicates "Active criteria Invalid". The "Selected criteria" section is empty. The "Query Commands" panel on the right includes buttons for "Execute", "Save", "Save As...", "Close", and "Help". The status bar at the bottom right shows "Active database: C:/BR\_SOFT/TERRASYS/Data/BRIFIC\_2727.db3".

Name	Type	Is New	Is Saved	File Name	Last Modified	Last Executed	Rows in FM/TV	Rows in LF/MF	Rows in FXM	iming Inofr
Query_1	GPQ	Yes	No		06/09/2012 10:1...	Not Executed				
Query_2	LPQ	Yes	No		06/09/2012 10:2...	Not Executed				

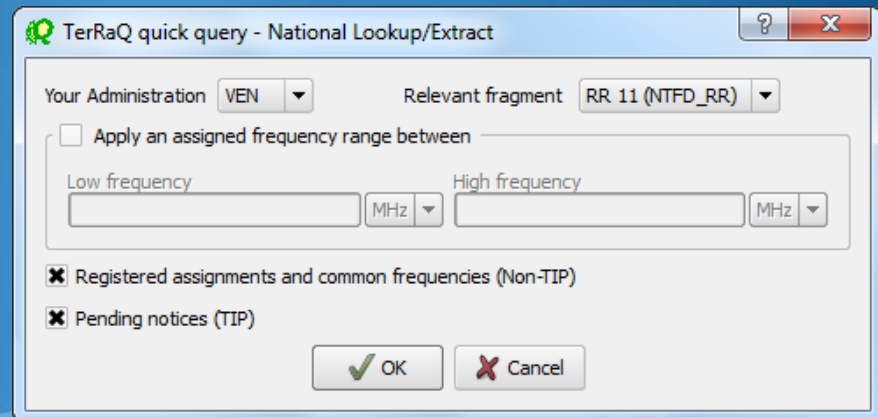
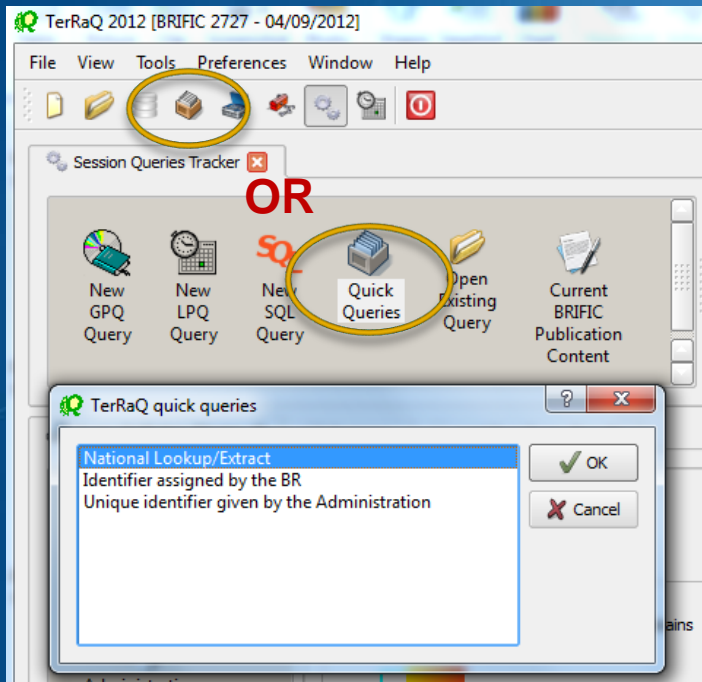


# Quick Queries (1/3)



- National Lookup/Extract

This query might be used to retrieve all (or to filter by frequency) pending notices and/or assignments recorded in the MIFR on behalf of a specific Administration (in all fragments of the Radio Regulations or in a specific one).

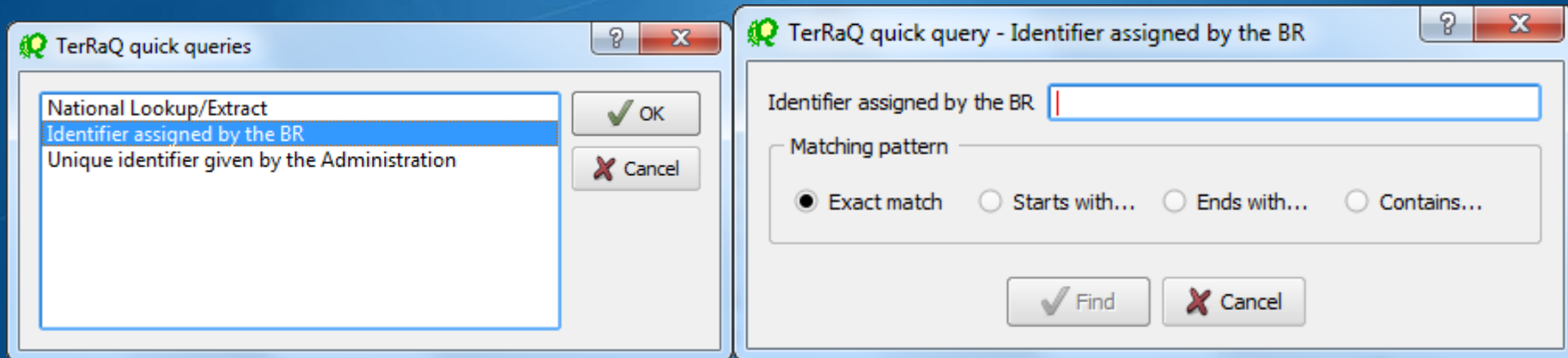


# Quick Queries (2/3)



- Identifier assigned by the BR

This query only focuses on the assignments with specific value(s) of the identifier assigned by the BR.

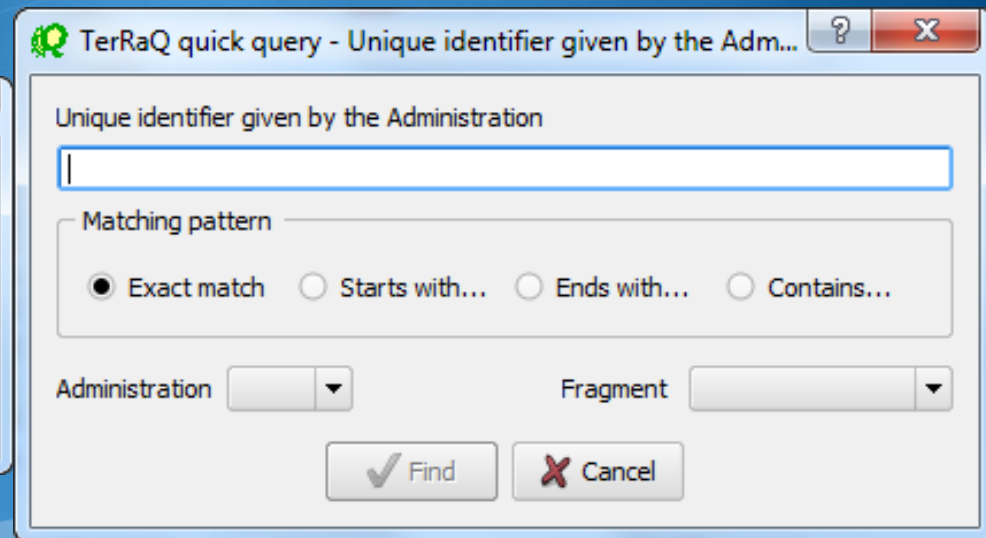
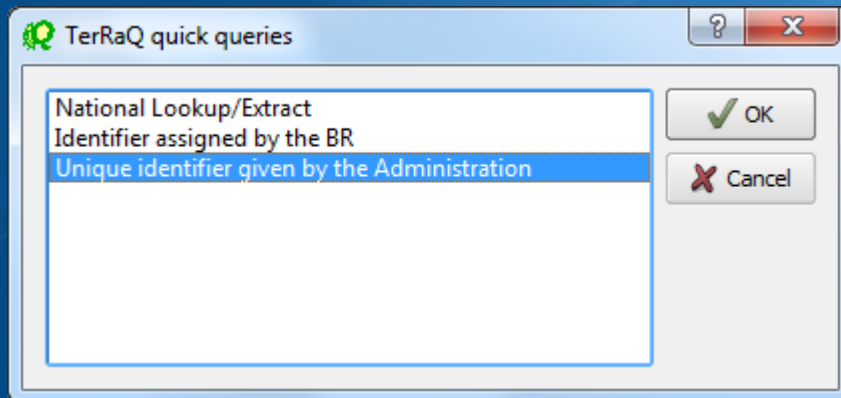


# Quick Queries (3/3)



- Unique identifier given by the Administration

This query only focuses on assignments with specific value(s) of the unique identifier given by the Administration, either overall or within one of the Fragments of the BR IFIC.



# Current BR IFIC Publication Content



These screens show the statistics of the notices in process published in each part and each fragment of the BR IFIC. The data is also grouped based on the notifying and concerned Administrations. Using these screens the users are able to quickly access the data grouped in one of these categories.

TerRaQ 2012 [BRIFIC 2743 - 30/04/2013]

File View Tools Preferences Window Help

Current BRIFIC Content Details | Current BRIFIC General Statistics : Notifying Administrations | Current BRIFIC General Statistics : Concerned Administrations

Print this report | Open the Preface to the BRIFIC

**Current BRIFIC Number: 2743**      **Publication Date: 30/04/2013**

RR 11 Publication No 2743  
[Information](#)

Part I (5966)      Part II (1285)      Part III (151)  
[FM/TV \(102\)](#)   [LF/MF \(2\)](#)   [FXM \(5862\)](#)      [FM/TV \(25\)](#)   [FXM \(1260\)](#)      [FM/TV \(1\)](#)   [FXM \(150\)](#)

**FM/TV Special Sections**

**GE06 Special Section No 80**  
 Deadline for the receipt of comments: 09/06/2013 14/07/2013  
[Information](#)

[Part A1 \(383\)](#)      [Part B1 \(660\)](#)      [Part C1 \(8\)](#)  
[Part A2 \(18\)](#)

**LF/MF Special Sections (None)**

**FXM Special Sections (None)**

**Other Special Sections (None)**

Active database: C:/BR\_SOFT/TERRASYS/Data/BRIFIC\_2743.db3

TerRaQ 2012 [BRIFIC 2743 - 30/04/2013]

File View Tools Preferences Window Help

Current BRIFIC Content Details | Current BRIFIC General Statistics : Notifying Administrations | Current BRIFIC General Statistics : Concerned Administrations

Print this report | Open the Preface to the BRIFIC

**Current BRIFIC Number: 2743**      **Publication Date: 30/04/2013**

**This BRIFIC involves:**  
 1197 Notices in the FM/TV domain      2 Notices in the LF/MF domain      2722 Notices in the FXM domain

The following table shows a summary of the statistics relating to this publication, based on the Notifying Administration and domain:

Notifying Administration	Total	FM/TV	LF/MF	FXM
ARG	10	0	0	10
AZE	8	8	0	0
BEL	15	0	0	15
BUL	95	10	0	85
CAN	3	0	0	3
D	6	6	0	0
DNK	3	3	0	0
E	5	5	0	0
EST	31	31	0	0
F	4683	0	0	4683
FIN	6	6	0	0
G	29	29	0	0
HOL	80	80	0	0
I	565	565	0	0

Notifying Administration	Total	FM/TV	LF/MF	FXM
IRN	283	0	0	283
J	6	0	0	6
KAZ	108	108	0	0
MDA	2	0	0	2
MLT	2	0	0	2
MRC	5	5	0	0
NGR	2	2	0	0
RUS	2451	288	0	2163
S	13	13	0	0
SUI	2	2	0	0
TKM	7	7	0	0
TUN	20	0	0	20
UKR	29	29	0	0
USA	2	0	2	0

Active database: C:/BR\_SOFT/TERRASYS/Data/BRIFIC\_2743.db3

# TerRaNV



- Capabilities
  - Preliminary validation of electronic notice files
- Main new feature
  - Ability to be executed without being installed

# TerRaNotices

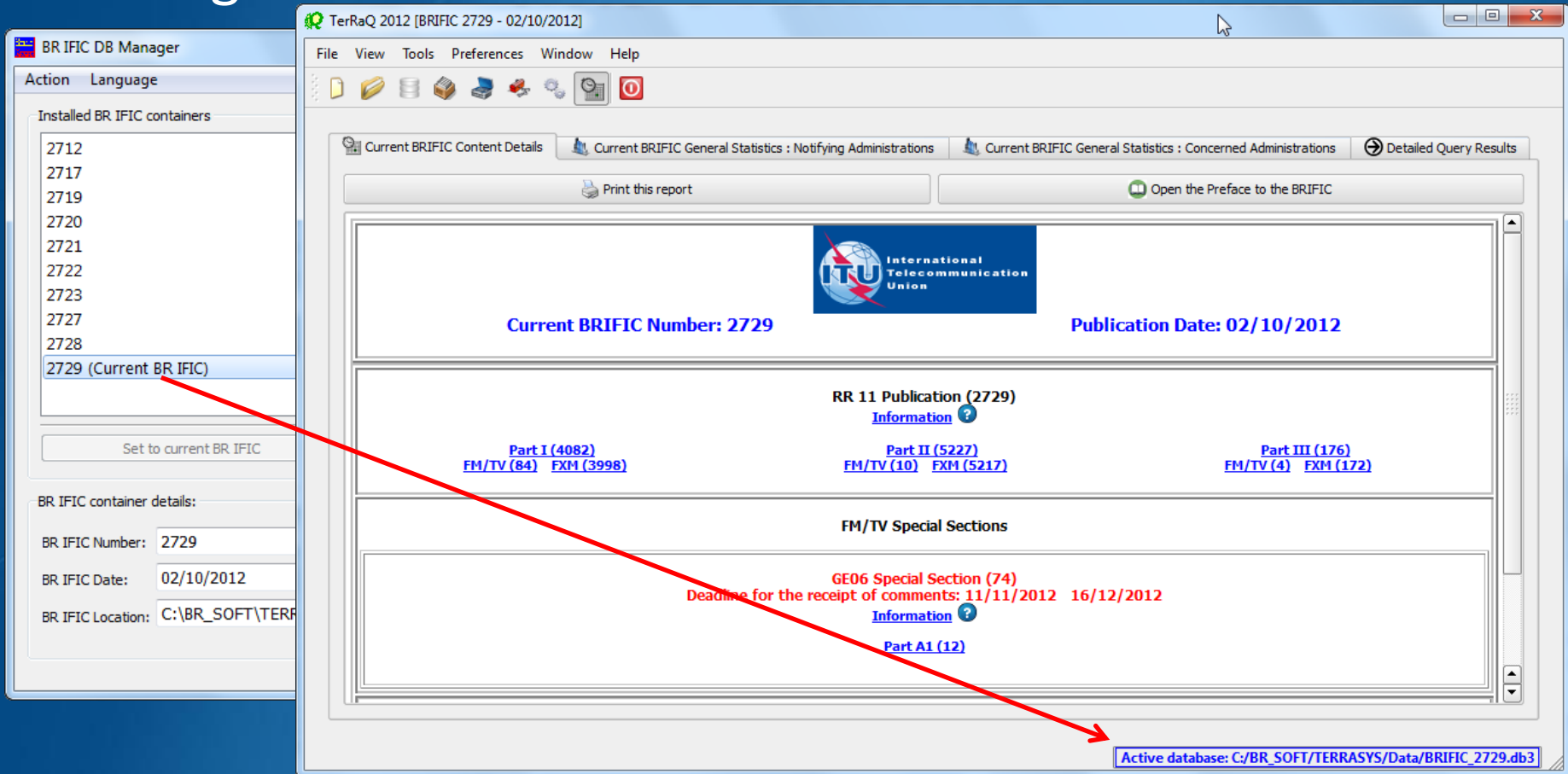


- Capabilities
  - Creation and editing of electronic notices
  - Extraction of existing notices from BR IFIC
  - Preliminary validation of electronic notice files
- Main new features
  - Ability to read data from SQLite format
  - Ability to be executed without being installed



# BR IFIC DB Manager

This software is used to select (and make active) an existing version of the BR IFIC database.



The screenshot displays the BR IFIC DB Manager software interface. On the left, a sidebar titled "BR IFIC DB Manager" shows a list of installed BR IFIC containers. The container "2729 (Current BR IFIC)" is selected and highlighted. Below the list, there is a "Set to current BR IFIC" button and a section for "BR IFIC container details" showing the BR IFIC Number (2729), BR IFIC Date (02/10/2012), and BR IFIC Location (C:\BR\_SOFT\TERP).

The main window, titled "TerRaQ 2012 [BRIFIC 2729 - 02/10/2012]", displays the current BR IFIC content details. The interface includes a menu bar (File, View, Tools, Preferences, Window, Help) and a toolbar with icons for file operations and database management. The main content area shows the ITU logo and the following information:

- Current BRIFIC Number: 2729**
- Publication Date: 02/10/2012**
- RR 11 Publication (2729)**
  - [Information](#)
  - Part I (4082)**  
FM/TV (84) FXM (3998)
  - Part II (5227)**  
FM/TV (10) FXM (5217)
  - Part III (176)**  
FM/TV (4) FXM (172)
- FM/TV Special Sections**
  - GE06 Special Section (74)**  
Deadline for the receipt of comments: 11/11/2012 16/12/2012
  - [Information](#)
  - Part A1 (12)**

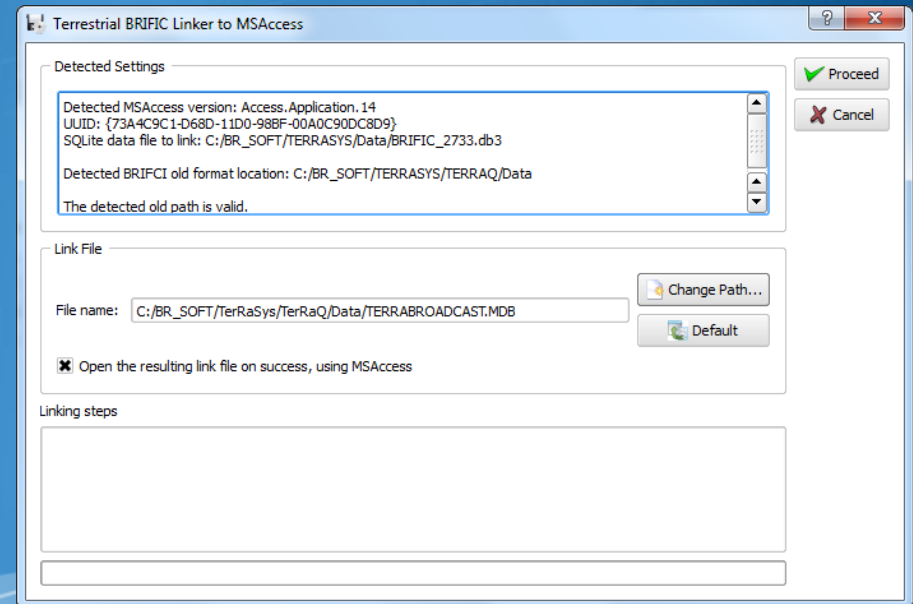
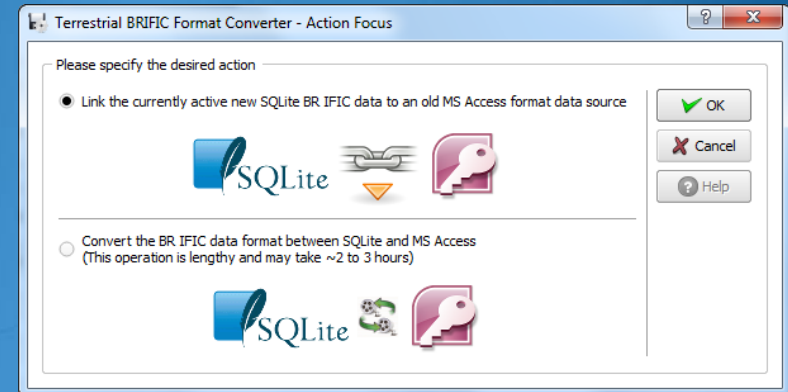
A red arrow points from the "2729 (Current BR IFIC)" entry in the sidebar to the "Active database: C:/BR\_SOFT/TERRASYS/Data/BRIFIC\_2729.db3" status bar at the bottom right of the main window.

# Terrestrial BR IFIC Format Converter



In order to enable existing third-party software tools to access the data in the BR IFIC database (i.e. without the need to modify existing software to work with SQLite databases), a format converter is also provided.

This application is able to provide a quick Microsoft Access “bridge” to access the data stored in SQLite format.

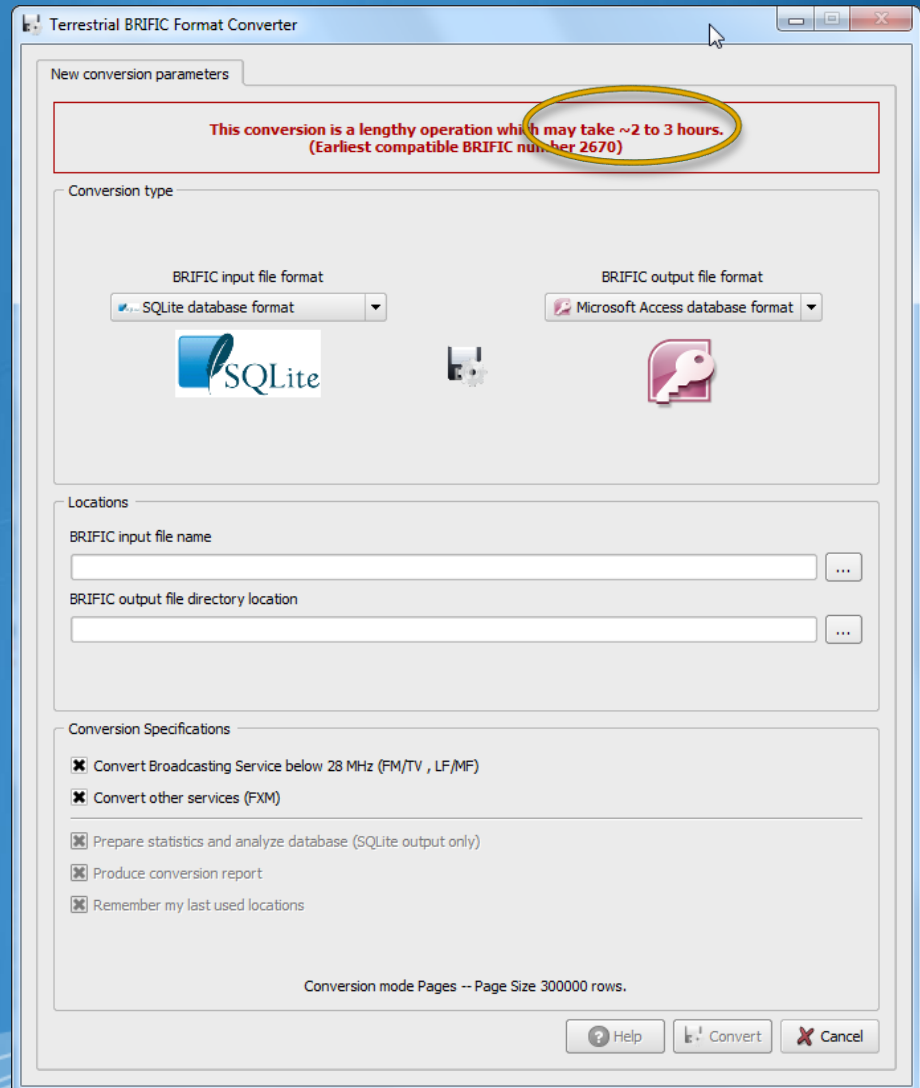


# Terrestrial BR IFIC Format Converter



It is also possible to convert the entire database from SQLite format to Microsoft Access format or vice versa.

This conversion is a very lengthy process and should be used as a last option.



# BR IFIC ON WEB



The contents of each BR IFIC publication are also accessible on-line through:  
<http://www.itu.int/ITU-R/go/terrestrial-brific/en>

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### BR IFIC (Terrestrial)

**Publications**

The BR IFIC (Terrestrial services) contains:

- ▶ [the International Frequency List \(IFL\), including all the frequencies prescribed for common use;](#)
- ▶ [the frequency assignment/allotment Plans for Terrestrial services;](#)
- ▶ [notices under treatment in accordance with Article 11 for updating of the Master Register;](#)
- ▶ [notices under treatment pursuant to regional agreements for updating of the Plans;](#)
- ▶ [the Special sections associated with Terrestrial services;](#)
- ▶ [the TerRaQ program for querying the published information;](#)
- ▶ [the TerRaNV program for checking electronic notices;](#)
- ▶ [the TerRaNotices program for the creation and validation of electronic notices;](#)
- ▶ [the Preface to the BR IFIC.](#)

**Other information** - [Publication notice](#) - [Installation of the BR IFIC](#)



[Information Note](#)

BR IFIC No.	Date of Publication	Article 11 of RR (Index)	Special Section	MDB Extract	Note
2742	16.04.2013	<a href="#">AR11_Parts1/2/3</a>	<a href="#">AP25/151 GE84/208</a>	<a href="#">IFIC2742</a>	<a href="#">ReadMe</a>
2741	02.04.2013	<a href="#">AR11_Parts1/2/3</a>	<a href="#">GE75/133</a>	<a href="#">IFIC2741</a>	<a href="#">ReadMe</a>
2740	19.03.2013	<a href="#">AR11_Parts1/2/3</a>	<a href="#">GE84/207 GE06/79</a>	<a href="#">IFIC2740</a>	<a href="#">ReadMe</a>
2739	05.03.2013	<a href="#">AR11_Parts1/2/3</a>	-	<a href="#">IFIC2739</a>	<a href="#">ReadMe</a>

# Final Remarks

- The BR IFIC is a reference publication for Frequency Managers.
- Assignments recorded in the MIFR with a favourable finding have the right to international recognition (RR8.3).
- It is essential to consult the BR IFIC regularly, for the purposes of:
  - Acknowledgement of receipt for the notifying administration.
  - Coordination with administrations of neighbouring countries.
- One copy of the BR IFIC is distributed free of charge to every administration.
- List (in PDF format) and an extract (in MDB format) of assignments included in the last publication on the ITU website at the following address:  
<http://www.itu.int/ITU-R/go/terrestrial-brific/en>.



Thank you