

International Telecommunication Union



REGIONAL RADIOCOMMUNICATION SEMINAR FOR AFRICA 2013

**YAOUNDE, CAMEROON
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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 submitted by administrations to the BR for recording in the Master International Frequency Register and Plans.
- 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 2752

BR IFIC 2752 - 03/09/2013

English
Español
Français
Русский
中文
العربية

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International Telecommunication Union

Terrestrial Services

BR IFIC 2752

BR IFIC 2752 - 03/09/2013

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

BR IFIC
International Frequency Information Circular
(Terrestrial Services)

English
العربية
中文
Français
Русский

BR IFIC Contents
Publication Notice
Guides
Contact us

Install BR IFIC
Quit

Language

International Telecommunication Union

Terrestrial Services BR IFIC

Contents of the BR IFIC

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

Software

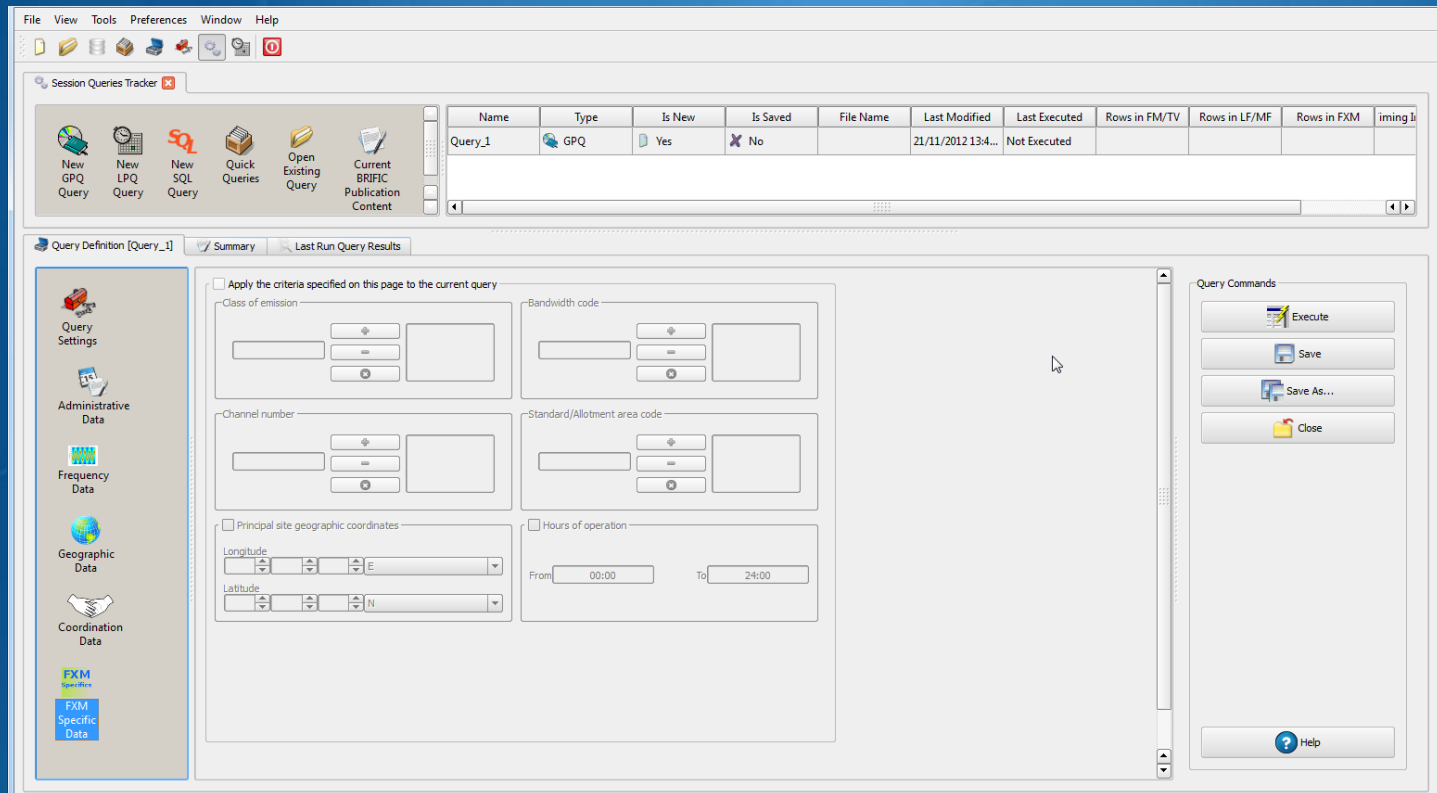
- TerRaQ: Software for querying the BR IFIC database:
 - Parts I, II, III or IIB and the Special Sections (Parts A, B and C);
 - Frequency assignments/allotments recorded in the Master Register and in the various plans, as well as notices currently being processed;
 - Specific queries (National extract, etc.).
- TerRaNV
 - Software for checking the electronic notices;
 - Complete validation is performed by the BR.
- TerRaNotices
 - Creation and 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 databases installed on one PC and choose the desired one
- Terrestrial BR IFIC Format Converter
 - Convert BR IFIC database file from SQLite to MS Access® and vice versa

TerRaQ: to consult BR IFIC

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

General Purpose Query (GPQ)

GPQ is used to consult Master Register, Plans and Notices being processed.



Latest Publications Query (LPQ)

LPQ is used to consult only the current BR IFIC publication

The screenshot shows the 'Session Queries Tracker' window with a table of queries and the 'Query Definition [Query_2]' window showing frequency criteria.

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				

The 'Query Definition [Query_2]' window shows the 'Assigned Frequency' section with the following active criteria:

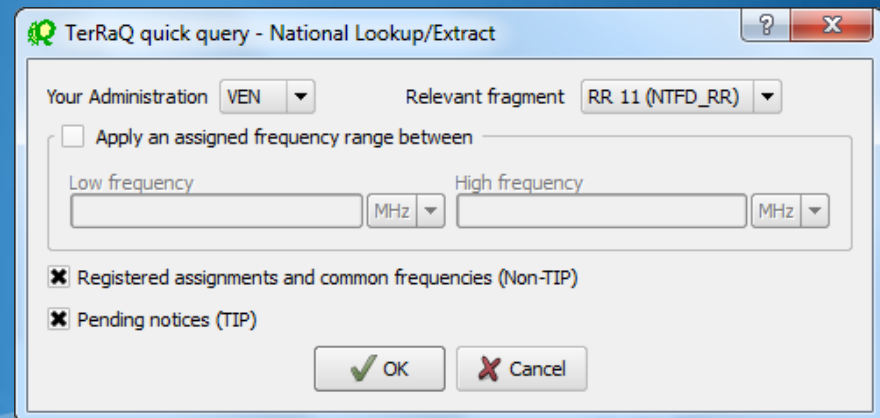
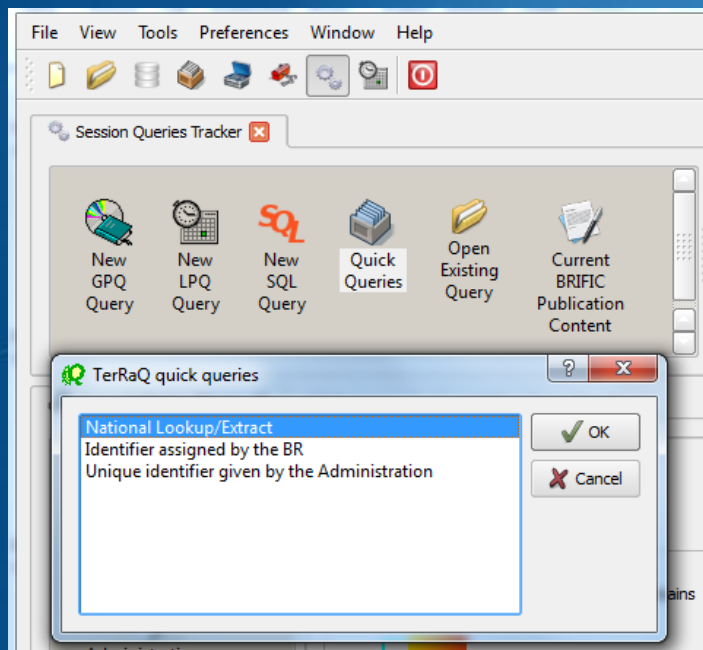
- $f = f1$
- $f < f1$
- $f1 <= f$
- $f1 < f$
- $f <= f1$
- $f1 < f$
- $f1 <= f <= f2$
- $f1 < f < f2$
- $f <= f1$ OR $f2 <= f$
- $f < f1$ OR $f2 < f$

The 'Active criteria' section is currently marked as 'Invalid'.

Quick Queries (1/3)

- National Lookup/Extract

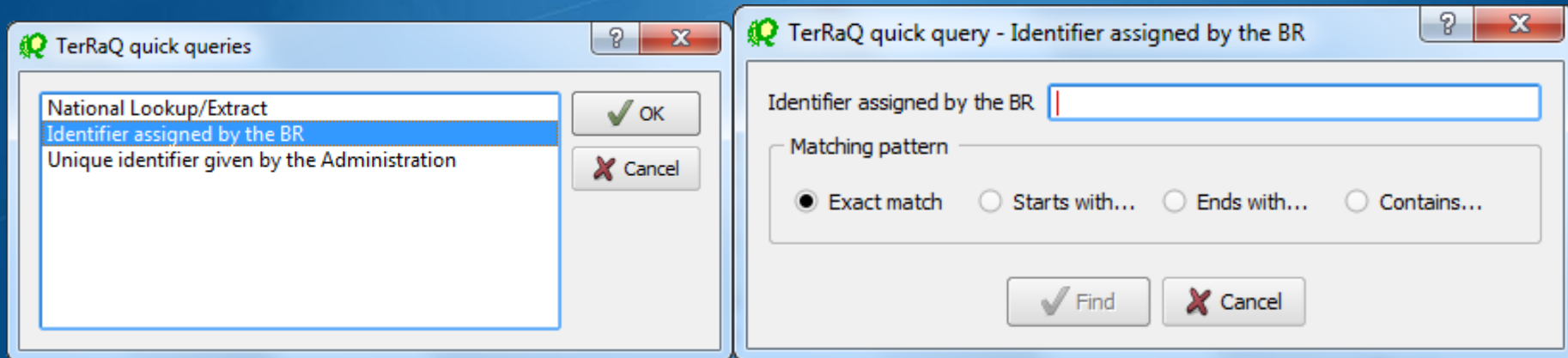
This query might be used to retrieve all (or by a frequency filter) the pending notices and/or the assignments recorded in the MIFR on behalf of a specific Administration (in all fragments of the Radio Regulations or in a specific one).



Quick Queries (2/3)

- Identifier assigned by the BR

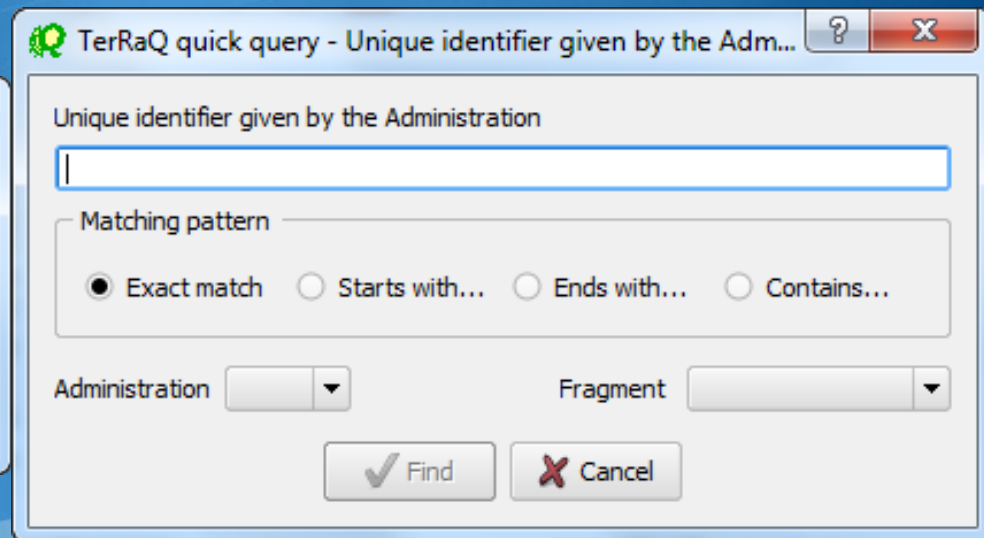
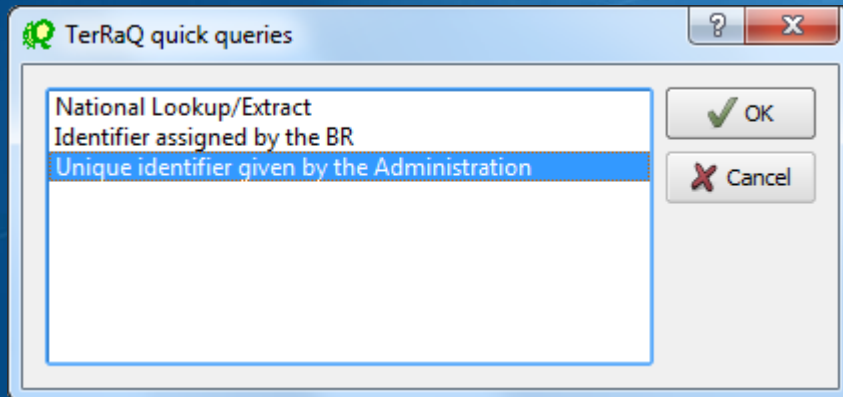
This query only focuses on the assignments with special value(s) for the identifier assigned by the BR.



Quick Queries (3/3)

- Unique identifier given by the Administration

This query only focuses on the assignments with special value(s) for the unique identifier given by a specific Administration with a choice of the concerned Fragment of the BR IFIC.



Current BR IFIC Publication Content

These screens show the statistics of the entries existing 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 2752 - 03/09/2013]

File View Tools Preferences Window Help

Current BRIFIC Content Details | Current BRIFIC General Statistics : Notifying Administrations | Current BRIFIC General Statistics : Concerned Administrations | Detailed Query Results

Print this report | Open the Preface to the BRIFIC

Current BRIFIC Number: 2752 | **Publication Date: 03/09/2013**

RR 11 Publication No 2752
[Information](#)

Part I (24296) | Part II (2894) | Part III (10)
 FM/TV (186) | FXM (2860) | FXM (10)

FM/TV Special Sections

GE06 Special Section No 83
 Deadline for the receipt of comments: 13/10/2013 17/11/2013
[Information](#)

Part A1 (547) | Part B1 (1673) | Part B2 (8) | Part C1 (107)
 Part A2 (3)

LF/MF Special Sections (None)

FXM Special Sections (None)

Other Special Sections (None)

Active database: C:/BR_SOFT/TERRASYS/Data/BRIFIC_2752.db3

TerRaQ 2012 [BRIFIC 2752 - 03/09/2013]

File View Tools Preferences Window Help

Current BRIFIC Content Details | Current BRIFIC General Statistics : Notifying Administrations | Current BRIFIC General Statistics : Concerned Administrations | Detailed Query Results

Print this report | Open the Preface to the BRIFIC

Current BRIFIC Number: 2752 | **Publication Date: 03/09/2013**

This BRIFIC involves:
 2558 Notices in the FM/TV domain | No notices in the LF/MF domain | 26974 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
ALB	1	1	0	0
ARG	41	0	0	41
BEL	14	0	0	14
BEN	202	202	0	0
BLR	120	0	0	120
CAN	24	0	0	24
CME	142	142	0	0
D	42	42	0	0
DNK	10	10	0	0
E	79	78	0	1
EST	1	1	0	0
F	2041	0	0	2041
FIN	3	3	0	0
G	6	6	0	0
GHA	149	149	0	0
I	1234	1234	0	0
INS	17	0	0	17
J	2491	5	0	2486

Notifying Administration	Total	FM/TV	LF/MF	FXM
KAZ	28	28	0	0
KGZ	94	0	0	94
LTU	10	0	0	10
LVA	1	1	0	0
MDA	112	0	0	112
MLI	80	80	0	0
MRC	63	63	0	0
MTN	16	16	0	0
NGR	267	267	0	0
POL	48	0	0	48
RUS	3659	100	0	3559
SUT	24	24	0	0
SVN	18	18	0	0
TGO	41	41	0	0
TKM	1	0	0	1
UKR	42	42	0	0
UZB	306	0	0	306

Active database: C:/BR_SOFT/TERRASYS/Data/BRIFIC_2752.db3

TerRaNV

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

TerRaNotices

- Capabilities
 - Creation of electronic notices
 - Extraction of existing notices from BR IFIC
 - 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 image shows two overlapping windows from the BR IFIC DB Manager software. The left window, titled 'BR IFIC DB Manager', displays a list of installed BR IFIC containers. The container '2752 (Current BR IFIC)' is highlighted. Below the list are buttons for 'Set to current BR IFIC' and 'BR IFIC container details:'. The details show: BR IFIC Number: 2752, BR IFIC Date: 03/09/2013, and BR IFIC Location: C:\BR_SOFT\TERRASYS\Data\BRIFIC_2752. The right window, titled 'TerRaQ 2012 [BRIFIC 2752 - 03/09/2013]', displays the current BRIFIC content details. It features the ITU logo and the text 'Current BRIFIC Number: 2752' and 'Publication Date: 03/09/2013'. Below this, it lists 'RR 11 Publication No 2752' with links for Part I (24290), Part II (2894), and Part III (10). It also lists 'FM/TV Special Sections' with a 'GE06 Special Section No 83' and a 'Deadline for the receipt of comments: 13/10/2013 17/11/2013'. At the bottom, it lists 'LF/MF Special Sections (None)', 'FXM Special Sections (None)', and 'Other Special Sections (None)'. A red arrow points from the '2752 (Current BR IFIC)' entry in the left window to the 'Active database: C:\BR_SOFT\TERRASYS\Data\BRIFIC_2752.db3' text at the bottom of the right window.

BR IFIC DB Manager

Action Language

Installed BR IFIC containers

2740
2741
2742
2743
2744
2745
2746
2747
2750
2751
2752 (Current BR IFIC)

Set to current BR IFIC

BR IFIC container details:

BR IFIC Number: 2752
BR IFIC Date: 03/09/2013
BR IFIC Location: C:\BR_SOFT\TERRASYS\Data\BRIFIC_2752

TerRaQ 2012 [BRIFIC 2752 - 03/09/2013]

File View Tools Preferences Window Help

Current BRIFIC Content Details Current BRIFIC General Statistics : Notifying Administrations Current BRIFIC General Statistics : Concerned Administrations Detailed Query Results

Print this report Open the Preface to the BRIFIC

International Telecommunication Union

Current BRIFIC Number: 2752 Publication Date: 03/09/2013

RR 11 Publication No 2752
Information

Part I (24290) Part II (2894) Part III (10)
FM/TV (186) FXM (24104) FM/TV (34) FXM (2860) FXM (10)

FM/TV Special Sections

GE06 Special Section No 83
Deadline for the receipt of comments: 13/10/2013 17/11/2013
Information

Part A1 (547) Part B1 (1673) Part C1 (107)
Part A2 (3) Part B2 (8)

LF/MF Special Sections (None)

FXM Special Sections (None)

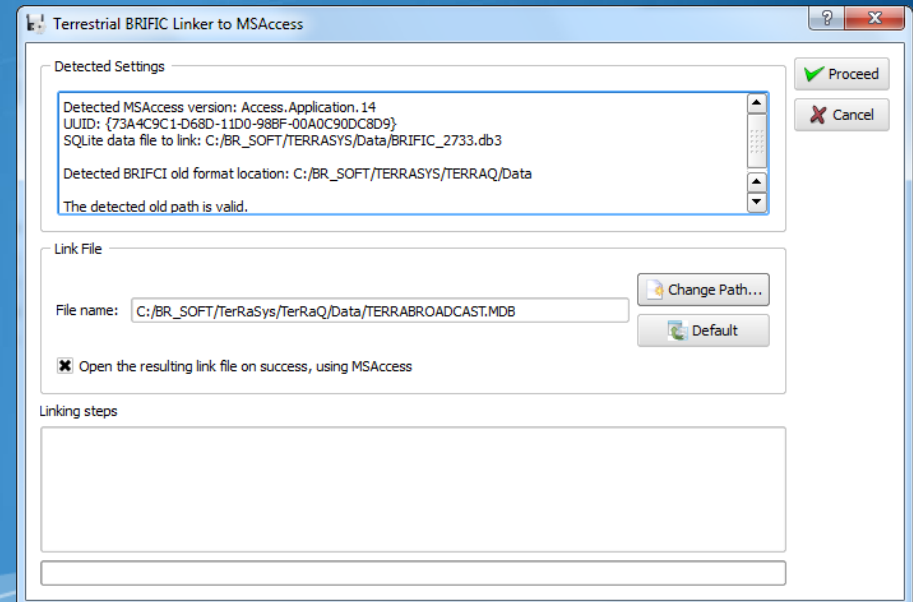
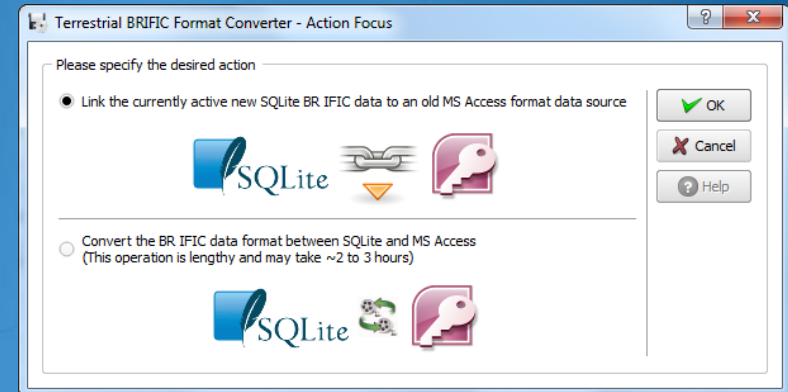
Other Special Sections (None)

Active database: C:\BR_SOFT\TERRASYS\Data\BRIFIC_2752.db3

Terrestrial BR IFIC Format Converter

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

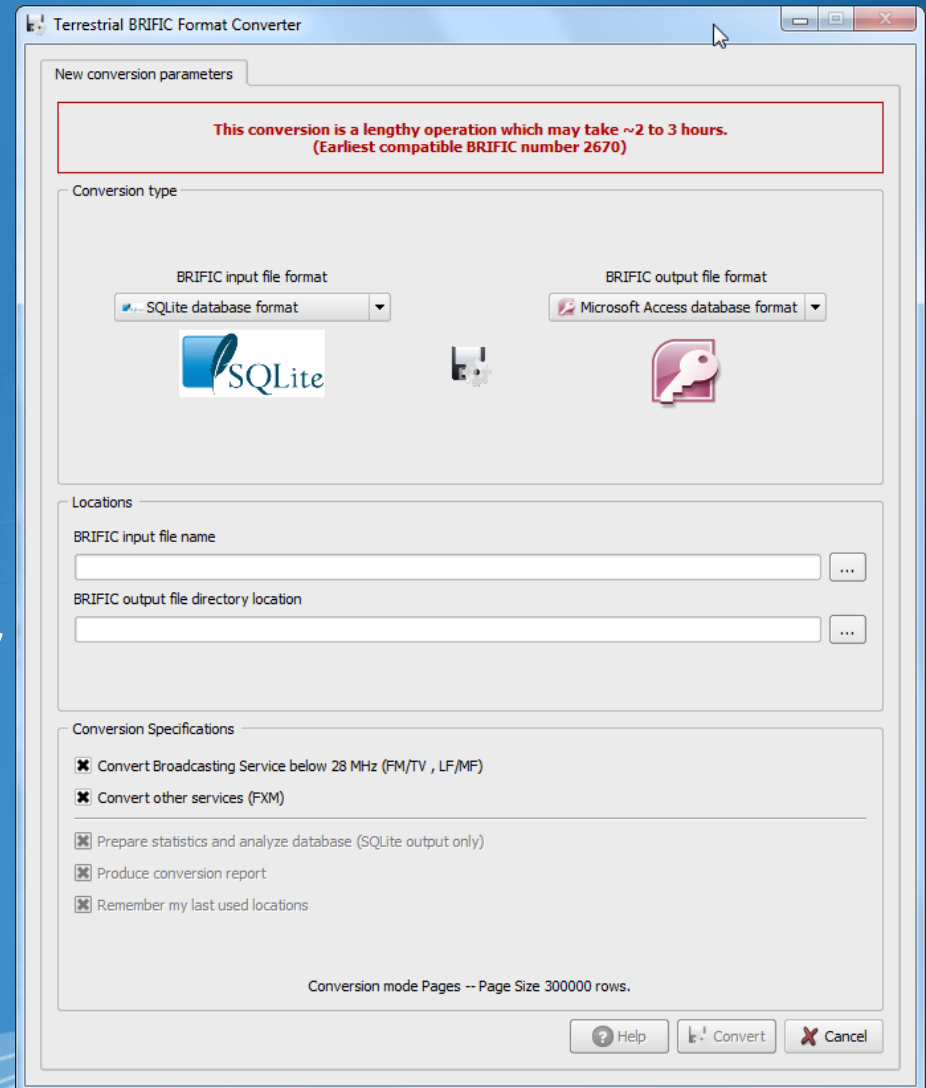
This application is able to provide a quick Microsoft Access bridge to access the data stored in SQLite format.



Terrestrial BR IFIC Format Converter

Also it is possible to convert the whole set of data 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>

The screenshot shows the ITU website interface for the BR IFIC (Terrestrial) section. The page is titled "BR IFIC (Terrestrial)" and features a "Publications" section with a list of items. A large image of a DVD-ROM is displayed on the right side of the page, labeled "Information Note". Below the list, there is a table with columns for BR IFIC No., Date of Publication, Article 11 of RR (Index), Special Section, MDB Extract, and Note.

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](#) - [Using the BR IFIC with other BR tools](#)

Information Note

BR IFIC No.	Date of Publication	Article 11 of RR (Index)	Special Section	MDB Extract	Note
2751	20.08.2013	AR11_Parts1/2/3	-	IFIC2751	ReadMe
2750	06.08.2013	AR11_Parts1/2/3	-	IFIC2750	ReadMe
2749	23.07.2013	AR11_Parts1/2/3	GE06/82 GE84/211 ST61/1541	IFIC2749	ReadMe
2748	09.07.2013	AR11_Parts1/2/3	RR921/D/402	IFIC2748	ReadMe

Conclusions

- 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.
- 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 for your attention!

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