# Solutions for the exercises using the BR IFIC DVD

#### 1. National extract

Retrieve all the assignments recorded in the MIFR on behalf of your Administration using the "Quick Query" option.

**Solution:** Click on the "New Query" button in the toolbar, select "Quick Queries" and press OK.

File         View         Tools         Preferences         Window           Image: I	Help	
Current BRIFIC Content Details	R New Query Focus	RIFIC General Statistics : Concerned Administr
	Please specify the desired focus for the new query General Purpose Query (GPQ)	C Open th
	Datest Publication Query (LPQ)	nat
1\ a	• Quick Query 3	Publication Date:
	✓ OK X Cancel	No 2769
	Prease specify the desired rocus for the new query	© Open th nat unication Publication Date: No 2769

Then select "National Lookup/Extract" and press OK.

😥 TerRaQ quick queries	? ×
National Lookup/Extract Identifier assigned by the BR Unique identifier given by the Administration	✓ ОК ✗ Cancel

Select your Administration and clear the "Pending Notices (TIP)" check box at the bottom of the screen. Please note that the "Relevant Fragment" should be RR 11 (NTFD\_RR). Press OK to execute the query.

TerRaQ quick query - Nationa	Lookup/Extract
Your Administration AGL 💌	Relevant fragment RR 11 (NTFD_RR) V
Apply an assigned frequency	range between
Low frequency	High frequency       MHz
Registered assignments and cor	nmon frequencies (Non-TIP)
Pending notices (TIP)	
	V OK X Cancel

# 2. Pending notices

Retrieve all the pending requests of modification of the GE06D Plan and check their coordination requirements.

Solution: Create a new GPQ query through the menu item of File->New Query.



Select "FM/TV" as the target domain.

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Query Definition [Query	1] V Summary Last Run Query Results
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Settings	- Target Domains
<b>E</b>	Apply this query to the following TerRaSys domains
Administrative Data	
<b></b>	EXM,
Frequency Data	FXM
	Target Containers
Geographic Data	For this query, include only assignments and/or notices from the following containers
	Registered assignments and common frequencies (Non-TIP)
Coordination	Pending notices (TIP)

Select GE06D as the concerned fragment.

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	Query Definition [Query_1	] 🦅 Summary 🔍 Last Run Query Results			
	<i>2</i>	Fragment(s) BR Assigned Id(s) Administration(s)	Station Information	Notice Information	Receipt Date
	Query Settings	In this query, select assignments and/or notices from the fo	llowing TerRaSys fragme	nts	
	Er.	Available Fragments		Selected F	ragments
	Administrative Data	GE06A GE84 GE89	( <u>GE06D</u>		
		RR 11 (NTFD_RR) ST61			
	Frequency Data		-		
	<b>@</b>				
	Geographic				

Select your Administration under "Administrative Data" and "Administration(s)".

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g Query Definition [Query_]	1] V Summary Last Run Query Results	
22	Fragment(s) BR Assigned Id(s) Administration(s) Station Information Notice Information	ation Receipt Date(s)
- Suga		
Query	Fot this query, select assignments and / or notices notified by the following Administrations	
Settings		
15	Available	Selected
47	AFG AGL	
Administrative Data	AFS	
0000	ALB	
WWW	AND	
Frequency	ARG	
Data	ARS	
	ATG	
Geographic		
Data	Specify unique identifier(s) given by the Administration	
	Unique Id niven by the	
	Administration	
Coordination Data		
Data		
1		
	0	

Execute the query.

## 3. Search for a frequency assignment

Retrieve the frequency assignment of 5 650.4 kHz and geographical coordinates 72W3800 40N5300 using the "General Purpose Query".

Solution: Select File->New Query menu, then "General Purpose Query" and press OK.





Select "All domains" in Query Settings.

File View Tools Prefere	nces Window Help	
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Query Definition [Query_	1] 🦅 Summary 📃 Last Run Query Results	
Query Settings	Target Domains	Query Commands
Tel.	Apply this query to the following TerRaSys domains	
Administrative	X All domains	Save As
Data		Close
	EXM,	
Frequency Data	EXM EXM	
Geographic Data Coordination Data FXM Specific Data	Target Containers         For this query, include only assignments and/or notices from the following containers         Image: Container in the second	
	Selected domains: [rM/TV_LF/MF_FXM] Targeting: [TP_&_Hoff TIP]	Pelp

In Assigned Frequency screen under Frequency Data, select f=f1, then enter 5 650.4 in the frequency box, select "kHz" as the unit and press + button.



In Geographic Data screen/Geographic area specification, select "Inside circle", then enter 72W3800, 40N5300 in the Longitude and Latitude boxes and enter 1 in the Radius box and press + button.



Press Execute button to run the query and in the following screen click on Load button to see the result.

Applied SQL Filters		🔁 Load
On FM/TV		🔗 Refin
$\label{eq:constraint} \begin{array}{l} ((freq\_assgn = 5.650400000000003)) \ \mbox{AND} (((long\_rdn >= -1.2678944350750418) \ \mbox{AND} (long\_rdn <= -1.2674823434461104)) \ \mbox{AND} ((lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= 0.71330878732185884) \ \mbox{AND} (lat\_rdn <= 0.71330878732185884) \ \mbox{AND} (lat\_rdn <= 0.71330878732185884) \ \mbox{AND} (lat\_rdn <= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn >= 0.71338878732185884) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_rdn <= -1.26748234461104)) \ \mbox{AND} (lat\_rdn <= -1.2674823434461104)) \ \mbox{AND} (lat\_r$		Direct Ex
On LF/MF		
((freq_assgn = 5.650400000000003)) AND (((long_rdn >= -1.2678944350750418) AN (long_rdn <= -1.2674823434461104)) AND ((lat_rdn >= 0.71338878732185884) AND (lat_rdn <= 0.71370391621457097)))	D	
On FXM		
((freq_assgn = 5.650400000000003)) AND (geo_key IN (SELECT geo_key FROM fxm_geo_pt WHERE ((((long_rdn >= -1.2678944350750418) AND (long_rdn <= -1.2674823434461104)) AND ((lat_rdn >= 0.71338878732185884) AND (lat_rdn <= 0.71370391621457097))))))		
Preliminary Matching Candidates Counts		
In FM/ TV	0	
In LF/MF	0	
In FXM	3	

# 4. Latest publication query

Retrieve all the frequency assignments of your Administration published by the Bureau in the latest BR IFIC.

• Indicate those published for acknowledgement of receipt

Solution: Create a new LPQ query through the menu item of File->New Query.



Select all available "Target Domains".

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	Quer	ry Ng		-Target Doma	ins		
	Admi	inistrative Data	1	Apply this qu	ery to the fi	ollowing TerRaSys domains	
	Frequ Da	w iency ta		FXM,		LF / MF	

Select your Administration under "Administrative Data".

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2	Query Definition [Query_1	1] Zummary Last Run Query Results	
	Query Settings	Latest publication [2834] content       Notifying Administration(s)       Concerned Administration(s)         Fot this query, select notices notified by the following Administrations       Available         Administrations       Administrations         AFG       Image: Concerned Administration (s)	Selected Administrations
	Administrative Data Frequency Data	AFS AGL ALB ALG AND ARG ARM ARS ATG	
		AUS - X	

In the "Administrative Data" select only "Part I" in the box of "RR 11" under "FM/TV current publications" and "FXM current publications". Now press "Execute" to see the result.

R TerRaQ 2016 [BRIFIC 2834 - 0	06/12/2016]	
File View Tools Preference	ces Window Help	
Query Definition [Query_1]	/ Summary Last Run Query Results	
10		Query Commands
and a	Latest publication [2834] content Notifying Administration(s) Concerned Administration(s)	Execute
Settings	FM/TV current publications FXM current publications	Save
Fre L	RR 11 Publication No 2834	
Administrative	V Part I Part II Part II Part II B	Save As
Data	GE84 Special Section (None)	Close
0000	Part A Part B Part C	
Frequency Data	GE06 Special Section No 125	
	PertA1 PertB1 PertC1	
	Part A2 Part B2 Part C2	
	ST61 Special Section (None)	
	PartA PartB PartC	
	GE89 Special Section (None)	
	PartA PartB PartC	
	✓ Check all	
	Selected domains: [FM/TV_FXM]	Pelp
	Windows 7 (32 bits) - Active database: (Main dat	abasel C:/BR_Soft/Terrasys/Data/BRIFIC_2834.db3
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Query Definition [Query_1]	S Williow Hep S Summary C Last Run Query Results	
Query Settings Administrative Data Frequency Data	Latest publication [2834] content       Notifying Administration(s)       Concerned Administration(s)         FM/TV current publications       PNM current publications         RR 11 Publication No 2834       Part I       Part III         GE06L Special Section (None)       Part A       Part B         GE8SM Special Section (None)       Part A       Part B         Part A       Part B       Part C         AP25 Special Section (None)       Part A       Part B         Part A       Part B       Part C	Query Commands  Execute  Save  Comparison  Comparison
	Checkal  Checkal  Selected domains: [FM/TV_FXM]	C Hep

• Indicate those which are going to be recorded in the Master Register.

**Solution:** Create a new LPQ query through the menu item of File->New Query.



lease specify the desired focus	for the new query
General Purpose Que	ery (GPQ)
Latest Publication Qu	uery (LPQ)
SQL Query	
Quick Query	
Лок	Cancel

Select all "Target Domains".



Select your Administration under "Administrative Data".

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Query Definition [Query_	1] 📝 Summary Last Run Query Results	
Query Settings	Latest publication [2834] content         Notifying Administration(s)         Concerned Administration(s)           Fot this query, select notices notified by the following Administrations         Available         Available	Selected
Administrative Data	Ars AGL ALB	Administrations
Frequency Data	ALG AND ARG ARM ARS ATG	
	AUS 👻	

In the "Administrative Data" select only "Part II" in the box of "RR 11" under "FM/TV current publications" and "FXM current publications". Now press "Execute" to see the result.

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Query Settings Administrative Data Frequency Data	Latest publication (2834] content       Notifying Administration(s)         FM/TV current publications       FM current publications         RR 11 Publication No 2834       Part II Part III Part III         GEB4 Special Section (None)       Part A         Part A1       Part B1         Part A2       Part B2         ST61 Special Section (None)       Part A         Part A2       Part B2         Part A2       Part B2         Part A2       Part B2         Part A       Part B         Part A2       Part B2         Part A       Part B         Part A2       Part B2         Part A       Part B         Part A       Part B         Part A2       Part B2         Part A       Part B         Part C       Part B	Query Commands
	✓ Check al     □ Uncheck al	
	Selected domains: [FM/TV_FXM]	Hep

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Query Settings Administrative Data	Latest publication [2834] content Notifying Administration(s) Concerned Administration(s)  PM/TV current publications  RR 11 Publication No 2834 Part I Part II Part III Part IIB  GEOGL Special Section (None) Part A Part B Part C  GESSM Special Section (None) Part A Part B Part C  AP25 Special Section (None) Part A Part B Part C	Query Commands
	Check al Check al Selected domains: [FM/TV_FXM]	Peop

• Indicate those for which the Bureau has formulated an unfavourable finding. **Solution:** Create a new LPQ query through the menu item of File->New Query.



Please specify the desired focus	for the new query
🔿 📚 General Purpose Que	ery (GPQ)
Latest Publication Qu	ery (LPQ)
SQL Query	
O 🧼 Quick Query	
л ок	X Cancel

#### Select all "Target Domains".

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	Query Definition [(	Query_1] 🦅 Summary 🔍 I	Last Run Query Results
	Query Settings Administrative Data	Target Domains Apply this query to the follo LEAME FMM,	wing TerRaSys domains X FM / TV LF / MF X FXM

## Select your Administration under "Administrative Data".

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	File View Tools Preference	s Window Help	
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	Query Definition [Query_1]	Summary Last Run Query Results	
	Query	Latest publication [2834] content Notifying Administration(s) Concerned Administration(s)	
	Settings	Fot this query, select notices notified by the following Administrations Available Administrations AEG	Selected Administrations
	Administrative		
	Data	ALB ALG	
		AND	
	Data	ARM ARS	
		ATG AUS	

Then in the "Administrative Data" select only "Part III" under "FM/TV current publications". Now press "Execute" to see the result.

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Query Definition (Query 1)	/ Summary Last Run Ouery Results	
	A month of the second	
20	Intert while the 1924 contact Multiple Administration() Commend Administration()	Query Commands
A Contraction of the contraction	Latest popilation (2007) content (Noting Administration(b)) Contenned Administration(b)	Execute
Query Settings	FM/TV current publications FXM current publications	
	RR 11 Publication No 2834	Save
E.	Part I Part II V Part II Part II B	Save As
Administrative Data	GE84 Special Section (None)	Close
Frequency Data	GE06 Special Section No 125	
	Part A1 Part B1 Part C1	
	Part A2 Part B2 Part C2	
	ST61 Special Section (None)	
	Part A Part B Part C	
	GE89 Special Section (None)	
	Part A Part B Part C	
	✓ Check all	
	Selected domains: [FM/TV FXM]	ep nep
	Windows 7 (32 bits) - Active database: [Main data	base] C:/BR_Soft/Terrasys/Data/BRIFIC_2834.db3
-		

## 5. Notification to the BR for registration in the Master Register during year 2016

Retrieve all the assignments notified by your Administration, for registration in the **Master Register**, during 2016.

Solution: Create a new GPQ query through the menu item of File->New Query.



Select "All domains" as the target domain and make sure to select both check boxes in the "Target Containers".

File View Tools Prefe	rences Window Help	
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Query Definition [Quer	/_3] / Summary Last Run Query Results	
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see.	X A No case-sensitivity when executing the query	Query Commands
Query Settings	Target Domains	
	Apply this query to the following TerRaSys domains	Save
Administrative	X All domains	Save As
Data		Close
<b>****</b>		
Frequency Data	EXM	
	Target Containers	
Geographic	For this query, include only assignments and/or notices from the following containers	
Data	Registered assignments and common frequencies (Non-TIP)	
	IFL Pending notices (TIP)	
Data		
FX M Specifics		
FXM		
Data		
	Selected domains: [FM/TV_LF/MF_FXM] Targeting: [TIP & Non TIP]	Help
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Then under "Administrative Data" and in the "Fragment(s)" page, select "RR 11 (NTFD\_RR)".



Then in "Administration(s)" page, select your Administration's code.

ery Definition [Que	ery_4) / Summary Last Run Query Results	
Query ettings	Fragment(s)         BR Assigned Id(s)         Administration(s)         Station Information         Notice Information         Receipt Date(s)           Fot this query, select assignments and / or notices notified by the following Administrations         Information         Inform	Query Commands
dministrative Data requency Data	Available Selected Administrations Administrations AFS AGL ALG ALG AND ARM ARS ATG AUS	Save As
Coordination Data	Specify unique identifier(s) given by the Administration  Unique Id given by the Administration	

In the "Receipt Date(s)" page, select the check box of "Include only transactions received" then select "After" and enter 01/01/2016 as the date. Execute the query.



## 6. BR IFIC history check

Retrieve all BR IFICs published in 2015 containing notifications submitted by your Administration.

Solution: Click on the "Terrestrial BR IFIC History Browser" button on the toolbar.



At the top of the screen select the date between 01/01/2015 and 31/12/2015 in the boxes below it and select your Administration as the notifying Administration. It should be noted that you need to click on the day in each date grid to get the date set

Terrest	Terrestrial BRIFIC History Browser Settings													
Incl	Include only BRIFICs published													
Ø Before						A	fter		(	Bet	ween			
		01/	01/2	015					31/	12/2	015			
G		Janu	ary,	2015		•	G		Decer	nber,	201	5	Ð	
29	30	31	1	2	3	4	30	1	2	3	4	5	6	
5	6	7	8	9	10	11	7	8	9	10	11	12	13	
12	13	14	15	16	17	18	14	15	16	17	18	19	20	
19	20	21	22	23	24	25	21	22	23	24	25	26	27	
26	27	28	29	30	31	1	28	29	30	31	1	2	3	
2	3	4	5	6	7	8	4	5	6	7	8	9	10	
AF( AF) AG	AFG AFS AGL ALB Or Notifications concerning the following Administrations													
AFG AFS AGL														
Show	AGL ALB													

# 7. Update Tables 12A/12B of the Preface to the BR IFIC

Check Tables 12A/12B of the Preface to the BR IFIC (Address Codes and Operating Agencies)

Should there be any changes/suppressions, communicate them to the Bureau.

Solution: Open the Preface to the BR IFIC.

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File View Tools Preferences Window Help							
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🖭 Current BRIFIC Content Details 🛛 🛝 Current BRIFIC General Statistics : Notifyin	g Administrations 🛛 🔱 Current BRIFIC General Statistics : Concerned Administrations						
Print this report	Open the Preface to the BRIFIC						
International Telecommunication Union							
Current BRIFIC Number: 2834	Publication Date: 06/12/2016						
RR 11 Publica Informa	ation No 2834 ation 😨						
Part I (1652)           FM/TV (174)         FXM (1478)         FM/TV	Part II (5929)         Part III (2)           / (826)         FXM (5103)         FM/TV (2)						

Go to Chapter IV, Section 3 "Address Codes and Operating Agencies" and check the entries under the name of your Administration.

