

Exercise 1

Create electronic notice for a digital DVB-T assignment requirement

DT1 Digital Television Broadcasting (DVB-T) Assignment - Data Correction - RRC-04 DCor BCBT Digital Version 1.00 / 04.11.2004

Date of Notification: 12/11/2004 Add B email: IRL participant100@itu.seminar

Administration's unique ID of the notice: FFFB

4A: THREE ROCK 4B: IRL 4C: 006 14 11 W Longitude: 53 14 49 N Latitude: M/S: 448 9EA: 448

9: D 9D: H 8BH: 40 9E: 140 [m] 9EB: 487 [m]

RRC-04 new parameters (ref: RRC-04 Report Chapter 6)

Digital TV system identifiers: Sys. variant: C2 Nb Carrier: 8K Guard. Int: 4 Rx mode: F Spect Mask: N List of Channels: 23

SFN ID: IRL SE 23 SFN Timing: 35 [μs] Adm. Unique DVB-T Allotement ID: Origin of the analog assignment: Freq: 490 [MHz] Longitude: 006 14 00 W Latitude: 53 15 00 N M/S:

11 - Coordination successfully completed with the following administrations:

9EC				9NH			
0° - 80°	90° - 170°	180° - 260°	270° - 350°	0° - 80°	90° - 170°	180° - 260°	270° - 350°
475	479	89	216	0	8	0	0
479	468	72	324	3	0	0	0
484	457	34	389	3	0	0	0
487	418	62	406	3	0	0	0
487	394	34	433	6	0	0	0
482	346	43	452	6	0	0	3
480	267	65	464	8	0	0	3
471	258	80	472	8	0	0	3
477	197	182	478	8	0	0	0

File name: M:\BRTSD\TPR\RACKOV\RRC Software\Test Data\Seminar

Notice Number: 1

Buttons: Update, Delete, Validate, Close

Notified remarks: RRC Workshop Solution

Internal remarks:

Exercise 1

Create electronic notice for a digital DVB-T assignment requirement

```
File captured on
12.11.2004-09:23:51
Processed by rackov
Program Id: RRC-04 DCap
BCBT Digital Version 1.02 /
07.09.2004
<HEAD>
t_adm = IRL
t_email_addr =
participant100@itu.seminar
</HEAD>
<NOTICE>
t_remarks = RRC
Workshop Solution
Notice No = 1
t_notice_type = DT1
t_d_adm_ntc = 2004-11-12
t_fragment = RC06
t_action = ADD
t_site_name = THREE
ROCK
t_ctry = IRL
t_adm_ref_id = FFFB
t_long = -0061411
t_lat = +531449
t_site_alt = 448
t_polar = H
t_erp_h_dbw = 40
t_hgt_agl = 140
t_eff_hgtmax = 487
rrc_ant_dir = D
rrc_sys_var = C2
rrc_nb_carr = 8K
rrc_guard_interval = 4
rrc_rx_mode = F
rrc_sfn_id = IRL SE 23
rrc_sfn_tx_tim = 35
```

```
rrc_spect_mask = N
rrc_channel = 23
rrc_conv_freq_assgn = 490
rrc_conv_long = -0061400
rrc_conv_lat = +531500
<COORDINATION>
t_adm = G
</COORDINATION>
<ANT_HGT>
t_eff_hgt@azm0 = 475
t_eff_hgt@azm10 = 479
t_eff_hgt@azm20 = 484
t_eff_hgt@azm30 = 487
t_eff_hgt@azm40 = 487
t_eff_hgt@azm50 = 482
t_eff_hgt@azm60 = 480
t_eff_hgt@azm70 = 471
t_eff_hgt@azm80 = 477
t_eff_hgt@azm90 = 479
t_eff_hgt@azm100 = 468
t_eff_hgt@azm110 = 457
t_eff_hgt@azm120 = 418
t_eff_hgt@azm130 = 394
t_eff_hgt@azm140 = 346
t_eff_hgt@azm150 = 267
t_eff_hgt@azm160 = 258
t_eff_hgt@azm170 = 197
t_eff_hgt@azm180 = 89
t_eff_hgt@azm190 = 72
t_eff_hgt@azm200 = 34
t_eff_hgt@azm210 = 62
t_eff_hgt@azm220 = 34
t_eff_hgt@azm230 = 43
t_eff_hgt@azm240 = 65
t_eff_hgt@azm250 = 80
t_eff_hgt@azm260 = 182
t_eff_hgt@azm270 = 216
```

```
t_eff_hgt@azm280 = 324
t_eff_hgt@azm290 = 389
t_eff_hgt@azm300 = 406
t_eff_hgt@azm310 = 433
t_eff_hgt@azm320 = 452
t_eff_hgt@azm330 = 464
t_eff_hgt@azm340 = 472
t_eff_hgt@azm350 = 478
</ANT_HGT>
<ANT_DIAGR_H>
t_attn@azm0 = 0
t_attn@azm10 = 3
t_attn@azm20 = 3
t_attn@azm30 = 3
t_attn@azm40 = 6
t_attn@azm50 = 6
t_attn@azm60 = 8
t_attn@azm70 = 8
t_attn@azm80 = 8
t_attn@azm90 = 8
t_attn@azm100 = 0
t_attn@azm110 = 0
t_attn@azm120 = 0
t_attn@azm130 = 0
t_attn@azm140 = 0
t_attn@azm150 = 0
t_attn@azm160 = 0
t_attn@azm170 = 0
t_attn@azm180 = 0
t_attn@azm190 = 0
t_attn@azm200 = 0
t_attn@azm210 = 0
t_attn@azm220 = 0
t_attn@azm230 = 0
t_attn@azm240 = 0
t_attn@azm250 = 0
t_attn@azm260 = 0
```

```
t_attn@azm270 = 0
t_attn@azm280 = 0
t_attn@azm290 = 0
t_attn@azm300 = 0
t_attn@azm310 = 0
t_attn@azm320 = 3
t_attn@azm330 = 3
t_attn@azm340 = 3
t_attn@azm350 = 0
</ANT_DIAGR_H>
</NOTICE>
<TAIL>
t_num_notices = 1
</TAIL>
```

Exercise 2

Create electronic notice for a digital T-DAB assignment requirement

DS1 Digital Sound Broadcasting (T-DAB) Assignment - Data Correction - RRC-04 DCor BCBT Digital Version 1.00 / 04.11.2004

Date of Notification: 12/11/2004 Add B e-mail IRL participant100@itu.seminar

Administration's unique ID of the notice: IRL11B

4A THREE ROCK MOUNTAIN 4B IRL 4C 006 Longitude 14 E/W 11 Latitude 53 M/S 49 N 9EA 448

9 D 9D V 8BV 39 9E 120 [m] 9EB 467 [m]

RRC-04 new parameters (ref: RRC-04 Report Chapter 6)

Ref. Planning: RPC5 SFN ID: IRL11B DUBLIN SFN Timing Tx: 825 [µs] List of Frequency Blocks: 11B

Spect Mask: 1 Adm. Unique T-DAB Allotement ID: []

11 - Coordination successfully completed with the following administrations: G [] [] [] [] [] [] [] [] [] [] [] [] [] [] []

9EC				9EV			
0° - 80°	90° - 170°	180° - 260°	270° - 350°	0° - 80°	90° - 170°	180° - 260°	270° - 350°
455	459	62	196	0	12	12	12
459	448	52	304	0	12	12	0
464	437	14	369	0	12	12	0
467	398	42	386	12	12	12	0
467	374	14	413	12	12	12	0
462	326	23	432	12	12	12	0
460	247	45	444	12		12	0
451	238	60	452	12	12	12	0
457	177	132	458	12	12	12	0

File name: M:\BRTSD\TPR\RACKOV\RRC Software\Test Data\Seminar

Notice Number: 1

Buttons: Update, Delete, Validate, Close

Notified remarks: RRC Workshop Solution

Internal remarks: []

Exercise 2

Create electronic notice for a digital T-DAB assignment requirement

File captured on 12.11.2004-09:31:51

Processed by rackov

Program Id: RRC-04 DCap

BCBT Digital Version 1.02 /

07.09.2004

<HEAD>

t_adm = IRL

t_email_addr =

participant100@itu.seminar

</HEAD>

<NOTICE>

t_remarks = RRC Workshop
Solution

Notice No = 1

t_notice_type = DS1

t_d_adm_ntc = 2004-11-12

t_fragment = RC06

t_action = ADD

t_site_name = THREE ROCK
MOUNTAIN

t_ctry = IRL

t_adm_ref_id = IRL 11B

t_long = -0061411

t_lat = +531449

t_site_alt = 448

t_polar = V

t_erp_v_dbw = 39

t_hgt_agl = 120

t_eff_hgtmax = 467

rrc_ant_dir = D

rrc_ref_plan_cfg = RPC5

rrc_sfn_id = IRL11B DUBLIN

rrc_sfn_tx_tim = 825

rrc_spect_mask = 1

rrc_freq_block = 11B

<COORDINATION>

t_adm = G

</COORDINATION>

<ANT_HGT>

t_eff_hgt@azm0 = 455

t_eff_hgt@azm10 = 459

t_eff_hgt@azm20 = 464

t_eff_hgt@azm30 = 467

t_eff_hgt@azm40 = 467

t_eff_hgt@azm50 = 462

t_eff_hgt@azm60 = 460

t_eff_hgt@azm70 = 451

t_eff_hgt@azm80 = 457

t_eff_hgt@azm90 = 459

t_eff_hgt@azm100 = 448

t_eff_hgt@azm110 = 437

t_eff_hgt@azm120 = 398

t_eff_hgt@azm130 = 374

t_eff_hgt@azm140 = 326

t_eff_hgt@azm150 = 247

t_eff_hgt@azm160 = 238

t_eff_hgt@azm170 = 177

t_eff_hgt@azm180 = 62

t_eff_hgt@azm190 = 52

t_eff_hgt@azm200 = 14

t_eff_hgt@azm210 = 42

t_eff_hgt@azm220 = 14

t_eff_hgt@azm230 = 23

t_eff_hgt@azm240 = 45

t_eff_hgt@azm250 = 60

t_eff_hgt@azm260 = 132

t_eff_hgt@azm270 = 196

t_eff_hgt@azm280 = 304

t_eff_hgt@azm290 = 369

t_eff_hgt@azm300 = 386

t_eff_hgt@azm310 = 413

t_eff_hgt@azm320 = 432

t_eff_hgt@azm330 = 444

t_eff_hgt@azm340 = 452

t_eff_hgt@azm350 = 458

</ANT_HGT>

<ANT_DIAGR_V>

t_attn@azm0 = 0

t_attn@azm10 = 0

t_attn@azm20 = 0

t_attn@azm30 = 12

t_attn@azm40 = 12

t_attn@azm50 = 12

t_attn@azm60 = 12

t_attn@azm70 = 12

t_attn@azm80 = 12

t_attn@azm90 = 12

t_attn@azm100 = 12

t_attn@azm110 = 12

t_attn@azm120 = 12

t_attn@azm130 = 12

t_attn@azm140 = 12

t_attn@azm160 = 12

t_attn@azm160 = 12

t_attn@azm170 = 12

t_attn@azm180 = 12

t_attn@azm190 = 12

t_attn@azm200 = 12

t_attn@azm210 = 12

t_attn@azm220 = 12

t_attn@azm230 = 12

t_attn@azm240 = 12

t_attn@azm250 = 12

t_attn@azm260 = 12

t_attn@azm270 = 12

t_attn@azm280 = 0

t_attn@azm290 = 0

t_attn@azm300 = 0

t_attn@azm310 = 0

t_attn@azm320 = 0

t_attn@azm330 = 0

t_attn@azm340 = 0

t_attn@azm350 = 0

</ANT_DIAGR_V>

</NOTICE>

<TAIL>

t_num_notices = 1

</TAIL>

Exercise 3

Create electronic notice for two sub allotment areas

DA1 Sub Allotment Area for Digital Broadcasting - Data Correction - RRC-04 DCor BCBT Digital Version 1.00 / 04.11.2004

B
IRL

4B
IRL

Sub Allotment Area

Contour ID	Nb Test Pts	Longitude	E/W	Coordinates	Nb of Remaining Test Points
3	9			-0080700 +521100 -0081000 +514700 -0075000 +515700 -0065600 +520700 -0070000 +521700 -0072500 +522000 -0074800 +522000 -0074400 +521300 -0075800 +521400	0

File name
M:\BRTSD\TPR\RACKOV\RRC Software\Test Data\Seminar

Notice Number
<< 1 >>

Update
Delete
Validate
Close

DA1 Sub Allotment Area for Digital Broadcasting - Data Correction - RRC-04 DCor BCBT Digital Version 1.00 / 04.11.2004

B
IRL

4B
IRL

Sub Allotment Area

Contour ID	Nb Test Pts	Longitude	E/W	Coordinates	Nb of Remaining Test Points
4	12			-0085800 +532300 -0081900 +525900 -0084100 +522300 -0085800 +521900 -0090800 +522100 -0091800 +522300 -0092100 +523600 -0094100 +523500 -0095600 +523400 -0095200 +530900 -0101800 +533600 -0095200 +533800	0

File name
M:\BRTSD\TPR\RACKOV\RRC Software\Test Data\Seminar

Notice Number
<< 2 >>

Update
Delete
Validate
Close

Exercise 3

Create electronic notice for two sub allotment areas

```
File captured on
12.11.2004-09:38:06
Processed by rackov
Program Id: RRC-04
DCap BCBT Digital
Version 1.02 / 07.09.2004
<HEAD>
t_adm = IRL
t_email_addr =
participant100@itu.semin
ar
</HEAD>
<NOTICE>
Notice No = 1
t_notice_type = DA1
t_fragment = RC06
t_ctry = IRL
rrc_contour_id = 3
rrc_nb_test_pts = 9
<POINT>
rrc_long = -0080700
rrc_lat = +521100
</POINT>
<POINT>
rrc_long = -0081000
rrc_lat = +514700
</POINT>
<POINT>
rrc_long = -0075000
rrc_lat = +515700
</POINT>
<POINT>
rrc_long = -0065600
rrc_lat = +520700
</POINT>
<POINT>
rrc_long = -0070000
```

```
rrc_lat = +521700
</POINT>
<POINT>
rrc_long = -0072500
rrc_lat = +522000
</POINT>
<POINT>
rrc_long = -0074800
rrc_lat = +522000
</POINT>
<POINT>
rrc_long = -0074400
rrc_lat = +521300
</POINT>
<POINT>
rrc_long = -0075800
rrc_lat = +521400
</POINT>
</NOTICE>
<NOTICE>
Notice No = 2
t_notice_type = DA1
t_fragment = RC06
t_ctry = IRL
rrc_contour_id = 4
rrc_nb_test_pts = 12
<POINT>
rrc_long = -0085800
rrc_lat = +532300
</POINT>
<POINT>
rrc_long = -0081900
rrc_lat = +525900
</POINT>
<POINT>
rrc_long = -0084100
rrc_lat = +522300
```

```
</POINT>
<POINT>
rrc_long = -0085800
rrc_lat = +521900
</POINT>
<POINT>
rrc_long = -0090800
rrc_lat = +522100
</POINT>
<POINT>
rrc_long = -0091800
rrc_lat = +522300
</POINT>
<POINT>
rrc_long = -0092100
rrc_lat = +523600
</POINT>
<POINT>
rrc_long = -0094100
rrc_lat = +523500
</POINT>
<POINT>
rrc_long = -0095600
rrc_lat = +523400
</POINT>
<POINT>
rrc_long = -0095200
rrc_lat = +530900
</POINT>
<POINT>
rrc_long = -0101800
rrc_lat = +533600
</POINT>
<POINT>
rrc_long = -0095200
rrc_lat = +533800
</POINT>
```

```
</NOTICE>
<TAIL>
t_num_notices = 2
</TAIL>
```

Exercise 4

Create electronic notice for two DVB-T allotment requirements

DT2 Digital Television Broadcasting (DVB-T) Allotment - Data Correction - RRC-04 DCor BCBT Digital Version 1.00 / 04.11.2004

Date of Notification (dd/mm/yyyy): 12 11 2004 Add IRL e-mail: participant100@itu.seminar

Administration's unique ID of the notice: IRL60SMOD

4B: IRL 9D: M

RRC-04 new parameters (ref: RRC-04 Report Chapter 6)

Ref. Planning: RPC1 List of Channels: 60

SFN ID: 60S MOD Typ. Ref. Network: RN1

Origin of the analog assignment:

Freq	Longitude	E/W	Latitude	N/S
786 [MHz]	009 08 00	W	51 59 00	N

Allotment Parameters

Allot. name: CH 60SMOD Nb.Sub area(s): 2

Sub Area Parameters

Sub Area Contour ID: 3, 4

Notified remarks:

DT2 Digital Television Broadcasting (DVB-T) Allotment - Data Correction - RRC-04 DCor BCBT Digital Version 1.00 / 04.11.2004

Date of Notification (dd/mm/yyyy): 12 11 2004 Add IRL e-mail: participant100@itu.seminar

Administration's unique ID of the notice: IRL26SEREG

4B: IRL 9D: H

RRC-04 new parameters (ref: RRC-04 Report Chapter 6)

Ref. Planning: RPC1 List of Channels: 26

SFN ID: 26SEREG Typ. Ref. Network: RN1

Origin of the analog assignment:

Freq	Longitude	E/W	Latitude	N/S
514 [MHz]	006 46 00	W	52 37 00	N

Allotment Parameters

Allot. name: CH 26 SE REGIONAL Nb.Sub area(s): 1

Sub Area Parameters

Sub Area Contour ID: 4

Notified remarks: RRC Workshop Solution

Exercise 4

Create electronic notice for two DVB-T allotment requirements

File captured on 12.11.2004-09:50:08

Processed by rackov

Program Id: RRC-04 DCap BCBT Digital Version 1.02 /

07.09.2004

<HEAD>

t_adm = IRL

t_email_addr = participant100@itu.seminar

</HEAD>

<NOTICE>

Notice No = 1

t_notice_type = DT2

t_d_adm_ntc = 2004-11-12

t_fragment = RC06

t_action = ADD

t_ctry = IRL

t_adm_ref_id = IRL60SMOD

t_polar = M

rrc_ref_plan_cfg = RPC1

rrc_typ_ref_netwk = RN1

rrc_sfn_id = 60S MOD

rrc_channel = 60

rrc_conv_freq_assgn = 786

rrc_conv_long = -0090800

rrc_conv_lat = +515900

rrc_allot_name = CH 60SMOD

rrc_nb_sub_areas = 2

rrc_contour_id = 3

rrc_contour_id = 4

<COORDINATION>

t_adm = G

</COORDINATION>

</NOTICE>

<NOTICE>

t_remarks = RRC Workshop Solution

Notice No = 2

t_notice_type = DT2

t_d_adm_ntc = 2004-11-12

t_fragment = RC06

t_action = ADD

t_ctry = IRL

t_adm_ref_id = IRL26SEREG

t_polar = H

rrc_ref_plan_cfg = RPC1

rrc_typ_ref_netwk = RN1

rrc_sfn_id = 26SEREG

rrc_channel = 26

rrc_conv_freq_assgn = 514

rrc_conv_long = -0064600

rrc_conv_lat = +523700

rrc_allot_name = CH 26 SE REGIONAL

rrc_nb_sub_areas = 1

rrc_contour_id = 4

<COORDINATION>

t_adm = G

</COORDINATION>

</NOTICE>

<TAIL>

t_num_notices = 2

</TAIL>

Exercise 5

Create electronic notice for two T-DAB allotment requirements

DS2 Digital Sound Broadcasting (T_DAB) Allotment - Data Correction - RRC-04 DCor BCBT Digital Version 1.00 / 04.11.2004

Date of Notification: 12/11/2004 B IRL e-mail: participant100@itu.seminar

Administration's unique ID of the notice: IRELAND 12C
 4B IRL 9D V

RRC-04 new parameters (ref: RRC-04 Report Chapter 6)

Ref. Planning: RPC5 SFN ID: IRL12C List of Frequency Blocks: 12C
 Typ. Ref. Network: RN6

Allotment Parameters
 Allot.name: IRELAND 1 Geo.area: IRL

DS2 Digital Sound Broadcasting (T_DAB) Allotment - Data Correction - RRC-04 DCor BCBT Digital Version 1.00 / 04.11.2004

Date of Notification: 12/11/2004 B IRL e-mail: participant100@itu.seminar

Administration's unique ID of the notice: 12D WATERFORD
 4B IRL 9D V

RRC-04 new parameters (ref: RRC-04 Report Chapter 6)

Ref. Planning: RPC5 SFN ID: IRL 12D WATERFORD List of Frequency Blocks: 12D
 Typ. Ref. Network: RN6

Allotment Parameters
 Allot.name: WATERFORD COUNTY Nb.Sub area(s): 1

Sub Area Parameters
 Sub Area Contour ID: 3

Notified remarks: RRC Workshop Solution

File name
 M:\BRTSD\TPR\RACKOV\RRC Software\Test Data\Seminar

Notice Number
 << 1 >>

File name
 M:\BRTSD\TPR\RACKOV\RRC Software\Test Data\Seminar

Notice Number
 << 2 >>

Exercise 5

Create electronic notice for two T-DAB allotment requirements

File captured on 12.11.2004-10:06:08

Processed by rackov

Program Id: RRC-04 DCap BCBT Digital Version 1.02 /
07.09.2004

<HEAD>

t_adm = IRL

t_email_addr = participant100@itu.seminar

</HEAD>

<NOTICE>

t_remarks = RRC Workshop Solution

Notice No = 1

t_notice_type = DS2

t_d_adm_ntc = 2004-11-12

t_fragment = RC06

t_action = ADD

t_ctry = IRL

t_adm_ref_id = IRELAND 12C

t_polar = V

rrc_ref_plan_cfg = RPC5

rrc_typ_ref_netwk = RN6

rrc_sfn_id = IRL12C

rrc_freq_block = 12C

rrc_allot_name = IRELAND 1

rrc_geo_area = IRL

<COORDINATION>

t_adm = G

</COORDINATION>

</NOTICE>

<NOTICE>

t_remarks = RRC Workshop Solution

Notice No = 2

t_notice_type = DS2

t_d_adm_ntc = 2004-11-12

t_fragment = RC06

t_action = ADD

t_ctry = IRL

t_adm_ref_id = 12D WATERFORD

t_polar = V

rrc_ref_plan_cfg = RPC5

rrc_typ_ref_netwk = RN6

rrc_sfn_id = IRL 12D WATERFORD

rrc_freq_block = 12D

rrc_allot_name = WATERFORD COUNTY

rrc_nb_sub_areas = 1

rrc_contour_id = 3

<COORDINATION>

t_adm = G

</COORDINATION>

</NOTICE>

<TAIL>

t_num_notices = 2

</TAIL>