



Radiocommunication Bureau

(Direct Fax N°. +41 22 730 57 85)

Circular Letter
CR/250

25 January 2006

To Administrations of Member States of the ITU¹

Subject: Publication of the input data for the draft Plan

References: Resolution COM5/1 of the first session of the Regional Radiocommunication Conference for planning of the digital terrestrial broadcasting service in parts of Regions 1 and 3, in the frequency bands 174-230 MHz and 470-862 MHz, Geneva, 2004 (RRC-04)

BR Circular letter CR/241 of 29 July 2005

To the Director General

Dear Sir/Madam,

1 In accordance with the schedule of the intersessional activities established by the first session of the Regional Radiocommunication Conference for planning of the digital terrestrial broadcasting service in parts of Regions 1 and 3, in the frequency bands 174-230 MHz and 470-862 MHz (RRC-04), as contained in Annex 2 to Resolution COM5/1, which was held in Geneva from 10 to 28 May 2004, the Radiocommunication Bureau issued Circular Letter CR/241 of 29 July 2005, by which it invited your Administration to submit its digital broadcasting requirements to be used for the preparation of the draft Plan, by 31 October 2005. The relevant electronic format for submission of these requirements, as amended to reflect the decisions of the IPG-1 meeting (4-8 July 2005) has been described in BR Circular Letter CR/242 of 29 July 2005.

2 In response to Circular Letter CR/241, 109 Member States from the planning area and one observer (the Palestinian Authority) have submitted their requirements for the draft Plan within the time limit established by the RRC-04. In addition, the Bureau received guidance from three Member States on the course of action that should be followed in their respect, notably:

¹ *This Circular Letter is primarily addressed to the Member States of Region 1 (except Mongolia) and to the Islamic Republic of Iran. It is for information only for other Member States.*

2.1 The administration of Angola requested the Bureau to generate digital requirements for Angola, by converting the relevant analogue broadcasting assignments of Angola, as they appear in the updated version of the GE89 Plan.

2.2 The administrations of Iceland and Seychelles informed the Bureau that they considered it unnecessary to submit any digital requirements for the draft Plan, given their geographical situations and the envisaged characteristics of their digital broadcasting stations. In addition, the two administrations requested the Bureau and the Planning Exercise Team (PXT) not to generate any digital broadcasting requirements on their behalf.

3 The Bureau received no digital requirements and no replies to the relevant reminders from the following Member States: GNE, LBR, MWI, RRW, SOM, SRL and STP. With respect to these Member States, the following course of action has been followed:

3.1 Given the fact that the administration of Malawi submitted requirements for the first planning exercise, the Bureau followed the indications in §6.2 of the Report from RRC-04, and the requirements of MWI submitted for the first planning exercise are also used for the production of the draft Plan.

3.2 Using the approach applied in the case of Angola (conversion of their analogue television assignments into digital television broadcasting requirements), the PXT applied a similar approach for those Member States that did not submit digital broadcasting requirements: GNE, LBR, RRW, SOM, SRL and STP.

4 It is recalled that the Bureau published the complete requirements file of a given administration, on the dedicated web page, immediately after its validation (with the understanding that the fields relating to the conversion from analogue television assignments to digital television requirements, where applicable, would need to be re-validated after the establishment of the reference situation for the analogue television broadcasting). For instance, the requirements of 79 administrations (including the relevant corrections, where needed) had already been published by 11 November 2005, and the initial publication of all requirements received by the administrations was completed on 19 December 2005. Such a course of action provided possibilities to all administrations to review their own requirements as well as the requirements from the other concerned administrations in a timely manner and to proceed with the submission of the relevant administrative declarations, where necessary. After the establishment of the reference situation for the analogue television broadcasting, all the requirements have been re-validated and the resulting situation is included in the attached CD-ROM. The resulting situation takes account of the requirements withdrawn by administrations by 24 December 2005. Summary information on the received digital broadcasting requirements for the draft Plan is provided in Annex 1 to this Circular Letter.

5 The attached CD-ROM also contains data for existing and planned analogue television broadcasting assignments and existing and planned assignments of other primary services; this data have been retrieved from the relevant files as indicated in §1.7 of the Report from RRC-04. In this connection, the Bureau wishes to indicate the following:

5.1 With respect to the analogue television broadcasting assignments that relate to stations situated in those parts of the planning area that are covered by the ST61 or the GE89 Agreements, the Bureau wishes to report that it received, on 31 October 2005 (e.g., on the last day referred to in §1.7 of the Report), more than 8 000 proposals for the modification to the ST61 Plan from one single administration. Given the fact that some of these proposals were eligible for inclusion in the reference situation (in terms of the applicable procedures of the ST61 Agreement and the decisions of the RRC-04), the Bureau conducted promptly all required activities, with a view to timely processing of these notices. Given the amount of data to be processed and the associated correspondence and examinations, the processing of these data took a substantive time and the

relevant Special Sections (ST61/1510 and ST61/1511) were published on 10 and 24 January 2006, respectively (see BRIFIC Nos. 2560 and 2561).

5.2 Concerning the analogue broadcasting assignments submitted by Iraq by 28 August 2004, 21 frequency assignments have been successfully coordinated with all administrations concerned under the procedure of the GE89 Agreement and have been included in the reference situation. The remaining uncoordinated assignments will be submitted to RRC-06 for consideration and further action, as appropriate.

5.3 With respect to the analogue television broadcasting assignments that relate to stations situated in those parts of the planning area that are not covered by the ST61 or the GE89 Agreements, the Bureau wishes to report that it received, on 29 October 2005, an updated list of these assignments, which superseded the "RCC List" that was attached to Circular Letter CR/209. Given the amount of data to be processed and the associated correspondence and examinations, the processing of these data took a substantive time and was completed on 23 December 2005.

5.4 With respect to analogue television broadcasting assignments to be taken into consideration in the planning process, the Bureau issued Circular Letter CR/244 (dated 28 September 2005) in which it invited the administrations of the Member States from the planning area to give consideration to their analogue television broadcasting assignments that are eligible for inclusion in the reference situation for the production of the draft Plan with a view to initiating the necessary actions, where appropriate. In this respect, the Bureau received indications from 44 administrations providing information on the course of action to be followed with respect to their analogue television broadcasting assignments in the context of the compatibility assessment associated with the draft Plan. In this context, 38 Member States requested the Bureau to exclude all their analogue television broadcasting assignments from the compatibility assessment process associated with the draft Plan and 6 Member States requested exclusion of some of their analogue television broadcasting assignments. For the remaining 75 Member States, which did not provide any information in this respect, it is assumed, in terms of the decisions of RRC-04, that all of their eligible assignments to analogue television broadcasting will be included in the compatibility assessment process associated with the draft Plan. Information on the administrations that requested complete or partial exclusion of their analogue television broadcasting assignments from the compatibility assessment process associated with the draft Plan is provided in Annex 2 to this Circular Letter.

5.5 With respect to the existing and planned assignments to other primary terrestrial services to be taken into consideration in the planning process, the Bureau issued Circular Letter CR/243 (dated 19 September 2005) in which it invited the administrations of the Member States from the planning area to give consideration to their assignments in the primary terrestrial services other than broadcasting, that are eligible for inclusion in the reference situation for the production of the draft Plan, with a view to initiating the necessary actions where appropriate. In this respect, the Bureau received information from 19 administrations on the course of action to be followed with respect to their assignments in the primary terrestrial services other than broadcasting, in the bands 174–230 MHz and 470–862 MHz, in the context of the compatibility assessment associated with the draft Plan. Summary information on these requests is provided in Annex 3 to this Circular Letter.

6 All information regarding the input data that will be used for production of the draft Plan (i.e., digital broadcasting requirements, data concerning the analogue television broadcasting, data concerning the other primary services) has been consolidated and is included in the attached CD-ROM. The CD-ROM also contains the Data Display application (RRC06Display2), which allows administrations to view the particulars of the input data. This display application also has a feature, called “Administrative Declaration Tool” which can be used to prepare declaration files to be submitted to the Bureau. Guidelines for preparation of the administrative declarations have been made available on the ITU web site (see http://www.itu.int/ITU-R/conferences/rrc/rrc-04/intersession/draft_plan/Data/Guide_for_creating_administrative_declarations.pps)

7 The Bureau remains at the disposal of your Administration for any clarification you may require with respect to the subjects covered in this Circular Letter.

Yours faithfully,

V. Timofeev
Director, Radiocommunication Bureau

Annexes: 3 + one CD-ROM

Distribution:

- Administrations of Member States of the ITU
- Members of the Radio Regulations Board

ANNEX 1

**Summary information regarding the
inventory of the digital broadcasting requirements for the draft Plan**

1 General information

1.1 For the draft Plan the Radiocommunication Bureau received digital requirements, from the following administrations:

	ADM	DT1	DT2	DS1	DS2	DA1	DT1+DT2	DS1+DS2	DT+DS	Total Notices
1	AFS	1172	0	0	9	9	1172	9	1181	1190
2	ALB	0	124	0	1	12	124	1	125	137
3	ALG	1346	120	462	45	16	1466	507	1973	1989
4	AND	26	0	12	0	0	26	12	38	38
5	ARM	0	274	0	0	9	274	0	274	283
6	ARS	1127	0	90	0	0	1127	90	1217	1217
7	AUT	180	123	0	25	64	303	25	328	392
8	AZE	0	509	0	0	33	509	0	509	542
9	BDI	160	0	8	3	0	160	11	171	171
10	BEL	41	73	55	31	72	114	86	200	272
11	BEN	113	0	319	0	0	113	319	432	432
12	BFA	444	14	88	8	0	458	96	554	554
13	BHR	55	0	8	0	0	55	8	63	63
14	BIH	93	94	0	19	10	187	19	206	216
15	BLR	0	227	0	0	25	227	0	227	252
16	BOT	302	0	0	32	12	302	32	334	346
17	BUL	0	198	0	30	15	198	30	228	243
18	CAF	329	0	0	0	0	329	0	329	329
19	CME	668	0	58	0	0	668	58	726	726
20	COD	362	0	0	0	0	362	0	362	362
21	COG	326	0	274	0	0	326	274	600	600
22	COM	40	0	48	0	0	40	48	88	88
23	CPV	210	0	30	0	0	210	30	240	240
24	CTI	245	0	136	0	0	245	136	381	381
25	CVA	12	0	6	0	0	12	6	18	18
26	CYP	0	37	0	8	8	37	8	45	53
27	CZE	300	122	0	32	21	422	32	454	475
28	D	1309	420	0	152	572	1729	152	1881	2453
29	DJI	72	0	18	0	0	72	18	90	90
30	DNK	64	74	0	23	17	138	23	161	178

	ADM	DT1	DT2	DS1	DS2	DA1	DT1+DT2	DS1+DS2	DT+DS	Total Notices
31	E	1978	417	976	192	74	2395	1168	3563	3637
32	EGY	703	128	0	192	192	831	192	1023	1215
33	ERI	34	0	22	0	0	34	22	56	56
34	EST	1	51	0	0	6	52	0	52	58
35	ETH	100	0	21	0	0	100	21	121	121
36	F	1006	802	0	242	1044	1808	242	2050	3094
37	FIN	241	324	0	0	51	565	0	565	616
38	G	826	80	15	107	109	906	122	1028	1137
39	GAB	224	0	188	0	0	224	188	412	412
40	GEO	0	178	0	0	10	178	0	178	188
41	GHA	218	0	24	0	0	218	24	242	242
42	GMB	82	0	81	0	0	82	81	163	163
43	GNB	107	0	20	0	0	107	20	127	127
44	GRC	0	374	0	9	43	374	9	383	426
45	GUI	309	0	24	0	0	309	24	333	333
46	HNG	0	133	0	24	47	133	24	157	204
47	HOL	1157	88	29	20	100	1245	49	1294	1394
48	HRV	2439	162	0	21	40	2601	21	2622	2662
49	I	1806	1453	0	42	200	3259	42	3301	3501
50	IRL	366	7	163	36	35	373	199	572	607
51	IRN	2272	0	0	0	0	2272	0	2272	2272
52	IRQ	733	0	0	0	0	733	0	733	733
53	ISR	91	73	29	23	23	164	52	216	239
54	JOR	704	0	404	0	0	704	404	1108	1108
55	KAZ	0	1959	0	0	175	1959	0	1959	2134
56	KEN	629	0	368	0	0	629	368	997	997
57	KGZ	0	313	0	0	14	313	0	313	327
58	KWT	55	0	2	0	0	55	2	57	57
59	LBN	130	29	42	9	5	159	51	210	215
60	LBY	404	0	67	0	0	404	67	471	471
61	LIE	0	8	0	3	3	8	3	11	14
62	LSO	107	0	0	1	1	107	1	108	109
63	LTU	107	73	0	22	17	180	22	202	219
64	LUX	20	5	0	3	0	25	3	28	28
65	LVA	174	59	0	20	8	233	20	253	261
66	MAU	2	6	0	6	0	8	6	14	14
67	MCO	10	0	5	0	0	10	5	15	15
68	MDA	0	58	0	9	32	58	9	67	99
69	MDG	117	0	378	0	0	117	378	495	495

	ADM	DT1	DT2	DS1	DS2	DA1	DT1+DT2	DS1+DS2	DT+DS	Total Notices
70	MKD	0	104	0	2	9	104	2	106	115
71	MLI	1687	222	105	0	0	1909	105	2014	2014
72	MLT	15	0	3	0	0	15	3	18	18
73	MOZ	313	0	0	0	0	313	0	313	313
74	MRC	973	0	1116	0	0	973	1116	2089	2089
75	MTN	1086	0	66	0	0	1086	66	1152	1152
76	MWI	141	0	0	0	0	141	0	141	141
77	NGR	220	0	53	0	0	220	53	273	273
78	NIG	225	0	282	0	0	225	282	507	507
79	NMB	301	0	14	0	0	301	14	315	315
80	NOR	1428	40	0	47	86	1468	47	1515	1601
81	OMA	885	102	648	80	13	987	728	1715	1728
82	POL	331	276	0	67	74	607	67	674	748
83	POR	253	211	45	28	93	464	73	537	630
84	PSE	156	232	51	199	15	388	250	638	653
85	QAT	31	29	24	0	0	60	24	84	84
86	ROU	0	316	0	35	48	316	35	351	399
87	RUS	0	6912	0	110	788	6912	110	7022	7810
88	S	583	361	0	99	460	944	99	1043	1503
89	SCG	140	233	0	12	36	373	12	385	421
90	SDN	674	0	0	0	0	674	0	674	674
91	SEN	391	152	67	0	4	543	67	610	614
92	SMR	9	15	0	5	6	24	5	29	35
93	SUI	140	141	10	28	55	281	38	319	374
94	SVK	0	91	0	14	32	91	14	105	137
95	SVN	712	81	0	8	8	793	8	801	809
96	SWZ	27	0	24	0	0	27	24	51	51
97	SYR	512	0	80	0	0	512	80	592	592
98	TCD	384	0	0	0	0	384	0	384	384
99	TGO	51	0	7	0	0	51	7	58	58
100	TJK	0	440	0	0	14	440	0	440	454
101	TKM	0	360	0	0	47	360	0	360	407
102	TUN	465	0	0	0	0	465	0	465	465
103	TUR	0	602	0	92	92	602	92	694	786
104	TZA	88	340	0	133	48	428	133	561	609
105	UAE	203	4	30	0	6	207	30	237	243
106	UGA	320	0	0	59	14	320	59	379	393
107	UKR	0	670	0	224	133	670	224	894	1027
108	UZB	0	817	0	0	40	817	0	817	857

	ADM	DT1	DT2	DS1	DS2	DA1	DT1+DT2	DS1+DS2	DT+DS	Total Notices
109	YEM	928	0	53	0	0	928	53	981	981
110	ZMB	447	0	0	9	9	447	9	456	465
111	ZWE	298	8	24	8	9	306	32	338	347
		40565	21948	7172	2658	5263	62513	9830	72343	77606

1.2 The breakdown of the total number of notices, in terms of notice types, is as follows:

Notice type	No. of notices
DS1 (Digital sound (T-DAB) broadcasting assignment requirement)	7 172
DS2 (Digital sound (T-DAB) broadcasting allotment requirement)	2 658
DT1 (Digital television (DVB-T) broadcasting assignment requirement)	40 565
DT2 (Digital television (DVB-T) broadcasting allotment requirement)	21 948
DA1 (Sub allotment area for a broadcasting (DVB-T or T-DAB) allotment requirement)	5 263

1.3 The PXT generated requirements for 7 Member States, as indicated in the Table below:

Administration	VHF		UHF		Total
	DT1	DT2	DT1	DT2	
AGL	40	40	153	153	386
GNE	2	2	23	23	50
LBR	14	14	27	27	82
RRW*	11*	11	42	42	106
SOM	27	27	87	87	228
SRL	7	7	7	7	28
STP	1	1	2	2	6

* Three co-channel analogue television assignments for RRW in the VHF band, as contained in the GE89 Plan could not be converted as these assignments have a service area with a 1 kilometre radius, as a result of high levels of mutual interference.

ANNEX 2

Summary information regarding the analogue television broadcasting

1. The Report from RRC-04 contains, in §1.7, indications on the eligible assignments for inclusion in the reference situation. Some 44 administrations requested explicitly, through general statements or through forms of notice BC6, exclusion of some of their eligible assignments to analogue television broadcasting from the compatibility assessment process associated with the draft Plan. The summary information regarding the analogue television broadcasting is presented in the following Table:

Item	No. of eligible assignments	Excluded from compatibility assessment (as per indications from administrations)
ST61 Plan (including the assignments successfully coordinated on 31 October 2005)	71 597	63 486
GE89 Plan (including the assignments successfully coordinated on 31 October 2005)	12 519	1 847
Assignments recorded in the MIFR by 31 December 1989 with a favourable finding which have no equivalents in the ST61 and GE89 Plans	393	12
For the territories not covered by the ST61 or the GE89 Agreements: assignments that are successfully coordinated with all administrations concerned belonging to the RRC planning area	9 484	9 369
Total	93 993	74 714

2. The following administrations requested exclusion of all of their analogue television broadcasting assignments from the compatibility assessment process associated with the draft Plan:

AND	ARM	AUT	AZE	BEL	BIH	BLR	CZE	D	E
EST	F	FIN	G	GEO	HNG	HOL	I	IRL	ISL
KAZ	KGZ	LIE	LTU	LUX	LVA	MDA	NOR	POL	POR
RUS	S	SVK	SVN	TJK	TZA	UKR	UZB		

3. The following administrations requested exclusion of some of their analogue television broadcasting assignments from the compatibility assessment process associated with the draft Plan:
- CTI (exclusion of all analogue TV assignments in the band 470–862 MHz);
 - HRV (exclusion of assignments as indicated in the BC6 notices);
 - IRN (exclusion of all VHF assignments whose e.r.p is equal to or below 14 dBW and all UHF assignments whose e.r.p. is equal to or below 17 dBW);
 - KEN (exclusion of assignments as indicated in the BC6 notices and all assignments above channel 62);
 - SUI (exclusion of assignments except those as indicated in the BC6 notices);
 - TUR (exclusion of assignments as indicated in the BC6 notices).

ANNEX 3

**Summary information regarding the
existing and planned assignments to other primary terrestrial services**

1. On 31 October 2005, the MIFR contained 25 987 recorded assignments to primary terrestrial services other than broadcasting, from 54 administrations in the planning area. Out of these data, there were 20 624 assignments eligible for inclusion into the reference situation, from 41 administrations.

2. Some 14 administrations requested explicitly through forms of notice R06 the inclusion of some of their existing and planned assignments to other primary terrestrial services in the compatibility assessment process associated with the draft Plan. The concerned assignments have been examined from the view point of their compliance with the criteria established by RRC-04, including the compliance with the coordination requirements (for the assignments notified after 10 May 2004). Some of the assignments, for which inclusion was requested, could not be included into the reference situation due to disagreement from potentially affected administrations or due to missing or incomplete coordination information. The summary information regarding the requests for inclusion and the included assignments is presented in the following Table:

ADM	Inclusion requested (R06)*	Included
ARS	339	339
BEL	4	4
CTI	31	14
F	250	250
G	5 580	5 428
GEO	7	0
IRN	578	551
ISR	452	372
JOR	716	0
KGZ	10	10
RUS	1 760	1 385
TJK	9	2
UAE	4	4
UZB	27	27
Total	9 767	8 386

* NOTE: These statistics do not take account of invalid or duplicate R06 notices.

3. The administrations of D, ISL, MDA, POL and UKR, which had assignments eligible for inclusion into the reference situation, indicated to the Bureau that their existing and planned assignments to other primary terrestrial services should not be considered in the compatibility assessment process associated with the establishment of the draft Plan. Similar statements were received from the administrations of AND, CZE, E and KEN, which have assignments recorded in the MIFR, but which are not eligible for inclusion into the reference situation.
