



ITU/EBU workshop on Digital Broadcasting  
Sofia 8-10 June 2004

# Results of RRC-04

## Intersessional activities

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# Subjects

Time schedule for intersessional work

- Submission of input data
- Planning exercises

Preparation of input data

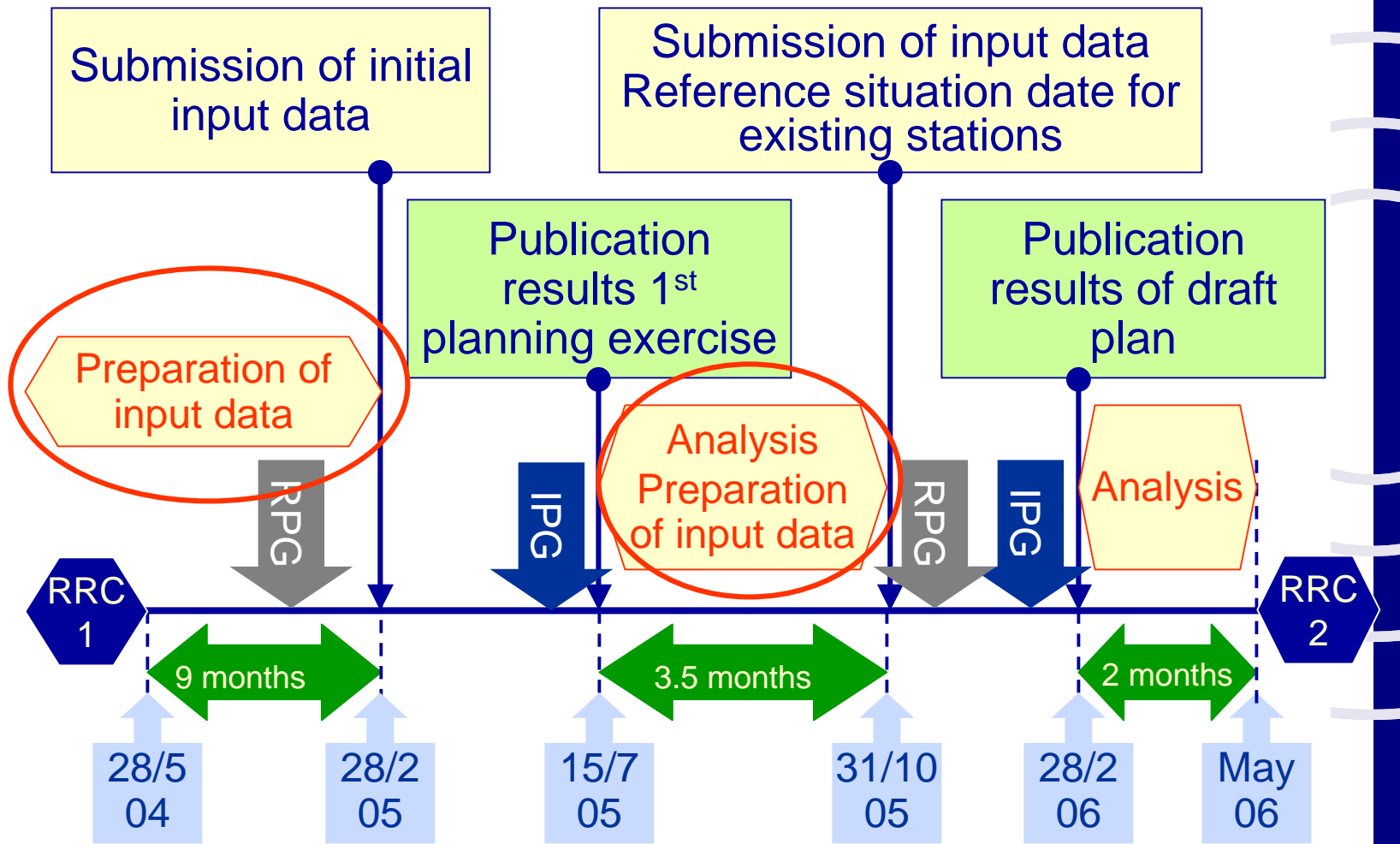
Existing stations

- Analogue
- Digital
- Other services

IPG and RPG

References

# Time schedule



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# Preparation of requirements

1

Type of service  
T-DAB, DVB-T,  
number of services  
Type of reception  
Rooftop, indoor,  
mobile  
Type of coverage  
Universal, densely  
populated, regions

2

System variant  
64QAM, 16QAM etc  
(1 of the 120 options  
for DVB-T)  
Network topology  
Locations, heights,  
existing or new sites

3

Network structure  
MFN, SFN, mixture  
of both.  
Plan entries  
Assignments,  
allotments, both

Conversion of analogue assignments  
Use of existing digital assignment/allotments  
New assignments or allotments

Preparation of  
input data

# Input data

- Requirements for digital broadcasting assignments or allotments
  - Including (as far as relevant) existing and planned digital assignments/allotments

Administration is responsible for its data

- Data for existing and planned analogue assignments
  - Indication of those that are not to be taken into account in the planning process
- Data for existing and planned assignments of other primary services
  - Indication of those that are to be taken into account in the planning process

No submission:  
All existing analogue and primary other services shall be protected in the planning process

Preparation of input data

# Requirements limitations

- Low power stations and small allotments will not be taken into account in the planning process
  - Stations with ERP of  $< 50$  W in Band III and  $< 250$  W in Band IV/V
  - In order to solve incompatibilities and subject to bilateral agreement ERP  $\geq 100$  W in Band IV/V may be used
  - Allotments with a perimeter  $< 30$  km
- High power stations
  - Stations with ERP of  $> 200$  kW will not be taken into account in the planning process.

Low power stations and small allotments may enter the plan later, using the modification procedures

Preparation of input data

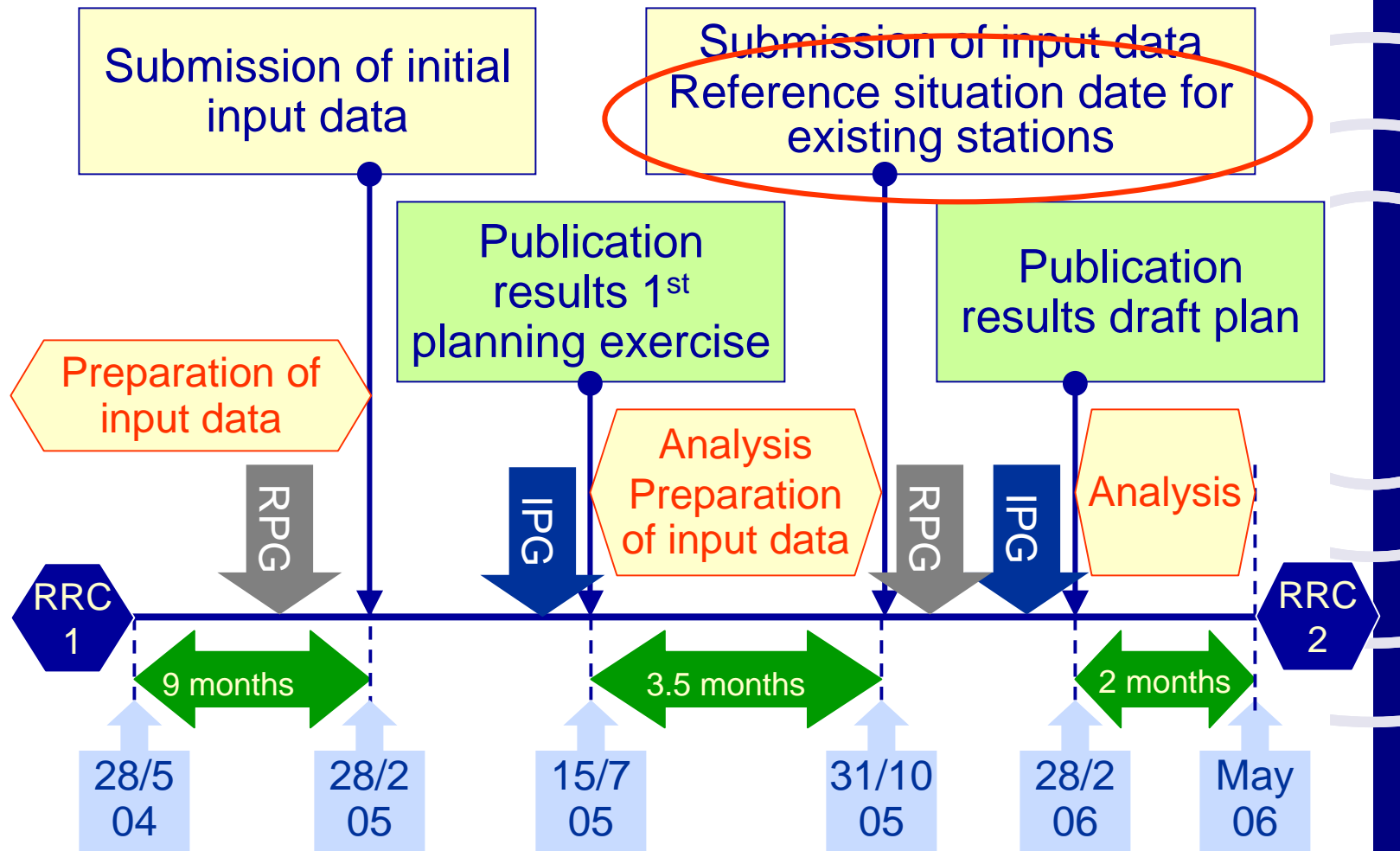
# Changes to input data

1. After publication of
  - The first planning exercise
  - The draft plan
2. Administrations should analyse the results
3. Make modifications resulting from
  - Bi- and multilateral negotiations
  - Review of national requirements
4. Input for the draft plan may include a complete set of input data or modification to the previously submitted input data

There is no priority of input data with regard to date of submission, provided that input arrives in time

Preparation of  
input data

# Time schedule



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# Reference situation data (1)

Existing stations

- **Analogue and digital assignments:**
  - Contained in ST61 on 31 October 2005
  - Successfully coordinated by 31 October 2005 under Art 4 of ST61
  - Recorded in MIFR by 31 December 1989 with favourable finding and without complaint of harmful interference
- **T-DAB allotments or assignments:**
  - Successfully coordinated with all affected administrations by 31 October 2005

Equitable access needs to be considered when taking into account existing and planned broadcast stations

# Reference situation data (2)

Existing stations

- Existing and planned assignments of other primary services
  - Recorded in MIFR or considered as being recorded by 10 May 2004 with favourable finding and without complaint of harmful interference
  - Assignments notified to BR which have been successfully coordinated by 31 October 2005

Bilateral or multilateral agreements between administrations should be taken into account

# Updating of ST61

- ST61 contains many errors and incomplete data
- CEPT TVA files are considered as
  - The most accurate
  - Containing sufficient data for carrying out compatibility analyses
- Administrations should update their ST61 entries
  - To reflect the coordinated situation
  - As soon as possible, but before 31 October 2005.

Analogue TV assignments that are not in ST61 or not successfully coordinated before 31 October 2005 will not be taken into account in the planning process

Existing stations

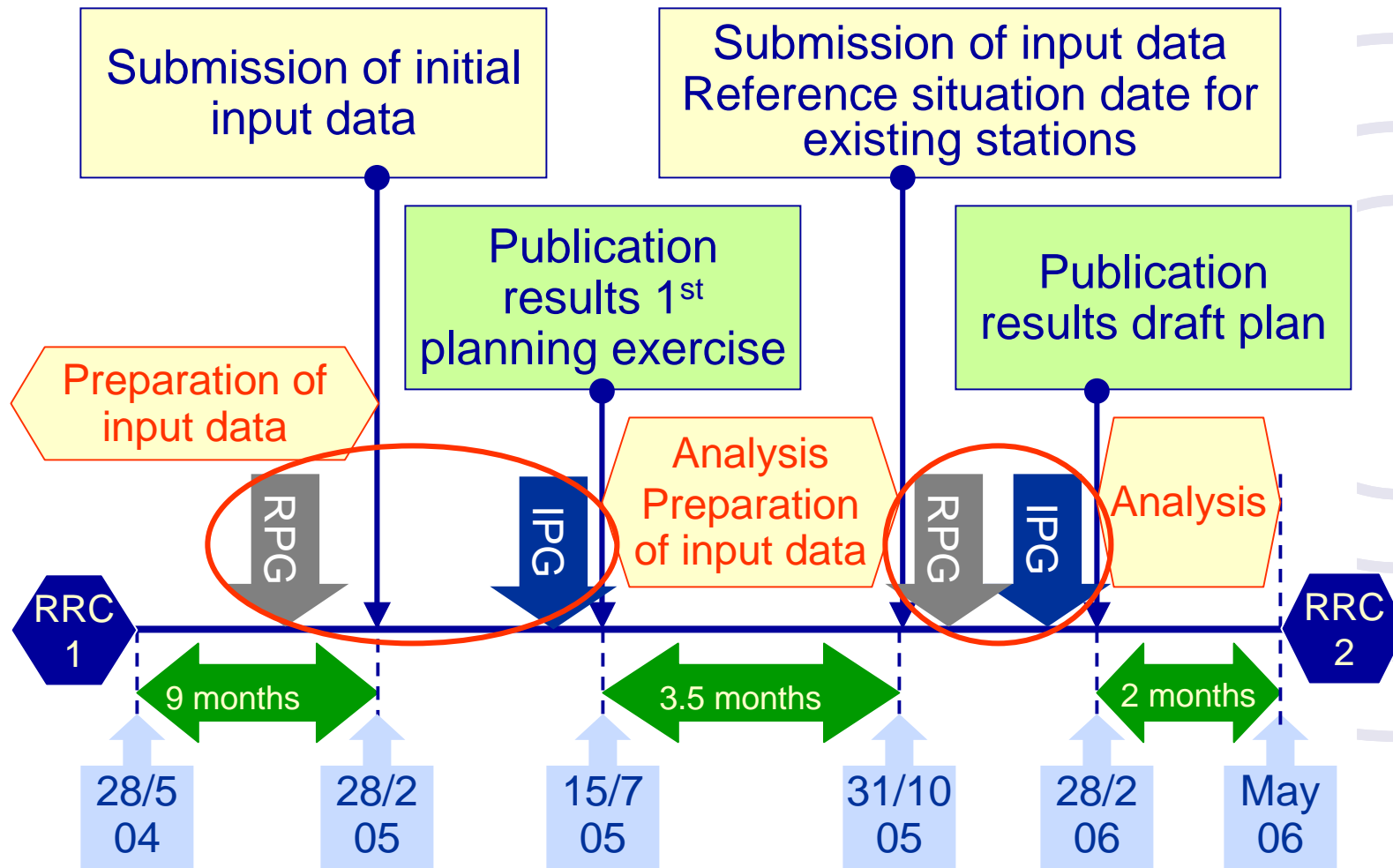
# TVA Files

Existing stations

Responsible Administration	Disputed records
Austria	35
Croatia	857
Czech Republic	74
Hungary	12
Italy	14432
Luxembourg	1
Moldova	145
Poland	297
Romania	287
Russian Federation	78
Slovak Republic	450
Slovenia	736
Switzerland	3
Turkey	>100 (?)
Ukraine	323
United Kingdom	69

- CEPT TVA files contain:
  - 90458 records
  - 17899 of these are disputed
- Every effort should be made to resolve disputed cases
  - Before 31 October 2005

# Time schedule



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# *IPG (Intersessional Planning Group)*

- **Membership**
  - On same basis as RRC
- **Tasks**
  - Monitor intersessional activities regarding planning exercises
  - Take into account results of bilateral and multilateral negotiations
  - Review results of planning exercises
  - Prepare report after each meeting, including results of planning exercises
  - Review and revise time schedule if appropriate

A planning exercise team composed of BR assisted by experts nominated by each regional group to implement software and carry out calculations

IPG & RPWG

# RPG (Regulatory/Procedural Group)

- Membership
  - On same basis as RRC
- Tasks
  - Study regulatory/procedural matters relating to new digital broadcasting plan
  - Study regulatory/procedural matters relating to abrogation of relevant parts of ST61 and GE89
  - Identify options and where appropriate draft example regulatory texts

# References

- EBU report BPN 53. Planning methods for use at a conference. February 2003
- Annex to RRC-04 Resolution 1. Report from the first session of the conference to the second session of the conference
- RRC-04 Resolution [COM5/1]. Intersessional activities relating to the accomplishment of the required planning exercises as requested by the first session of the Regional Radiocommunication Conference (Geneva, 2004)
- RRC-04 Resolution [PLEN-1]. Study of regulatory / procedural issues
- CEPT document FM PT24 (04) 033. Report on ERO activities, February 2004