

WEDDIP:

its

principles

and its

activities

history

The WEDDIP Group started its activities in 2009:

members are the Administrations of the following countries:

Belgium, Germany, France, Ireland, Luxembourg, Switzerland, the Netherlands and the United Kingdom.

basic principles

Terms of Reference

The WEDDIP Group shall coordinate the frequency coordination activities carried out by its member countries in order to implement the relevant spectrum reorganisations, with a view to:

- Achieving mutual compatibility of the spectrum resources to be used in the VHF and UHF-bands, for both broadcasting and/or mobile services;
- Facilitating any consequential modifications to the GE-06 Plan;
- Continuing to respect the principle of equitable access to spectrum resources in the spirit of GE06, while taking into account relevant future developments.

The WEDDIP Group shall work on the basis of consensus; WEDDIP shall liaise with other relevant groups or organisations as appropriate.

WEDDIP-chair is tasked to provide updates to relevant bodies (eg EC, ECC) on progress as necessary.

Successful regional concept:

- NEDDIF
- SEDDIF

negotiation recommendations

- **coordination conditions:**

- economic aspects
- target objectives
- a full disclosure of the updated national plans within the coordination zone, if available

- **sharing principles:**

- based on equitable access to the spectrum
- on the basis of national needs/requirements

negotiation recommendations

– **spectrum distribution:**

- interleaved (mixed) or contiguous (block wise) distribution
- different or same types of infrastructures on both sides of a border

– **interference approaches:**

- usable wanted signal strength in the required coverage area
- maximum field strength levels at relevant test points (eg at the border of a service area or at a certain distance of a country border)
- defined service area's
- C/I calculations
- margin calculations

'mapping' principles

- **mapping:**
 - coordination zones
- **database:**
 - containing:
 - all channels in the 700 MHz band:
 - those with GE06 or bilaterally agreed rights
 - » those in use (current situation)
 - » those licensed (not in operation at present)

'mapping' principles

(cont)

- all channels in the 470 - 694 MHz band
 - those with GE06 or bilaterally agreed rights
 - » those in use (current situation)
 - » those licensed (not in operation at present)
 - channels under consideration
 - channels agreed

Agreed approach

- ✓ the aim of the 700 MHz activities is to derive a framework for a frequency plan in the 470 – 694 MHz band to allow the continuation of DTT in the event of the 700 MHz band being allocated to IMT;
- ✓ these activities will require many technical planning meetings on bi- or multilateral level. These meetings can be both between the main WEDDIP reviews and also co-sited with a main WEDDIP meeting;
- ✓ responsibility for transition arrangements remains with the Administrations in their bilateral meetings;
- ✓ WEDDIP is a forum of Administrations exchanging views, proposals and current status of the negotiations in particular in regards to the 700 MHz release.

Agreed approach

(cont)

- a timeline/roadmap is useful to provide non binding guidelines
- the timeline/roadmap takes into consideration a number of milestones necessary to come to a final frequency plan:
 - starting step*
 - definition of the demands/needs for DTT in the 470 – 694 MHz band;
 - submission/alignment of the requirements (modification, deletion or addition);
 - technical activities 1: analysis of the compatibility (e.g. with the channel maps);
 - WEDDIP meeting: to review the activities and to identify arising obstacle's and proposing recommendations for solutions to resolve them;

Agreed approach

(cont)

second step

- bilateral meetings to refine the technical characteristics / conditions
- technical activities 2: ...

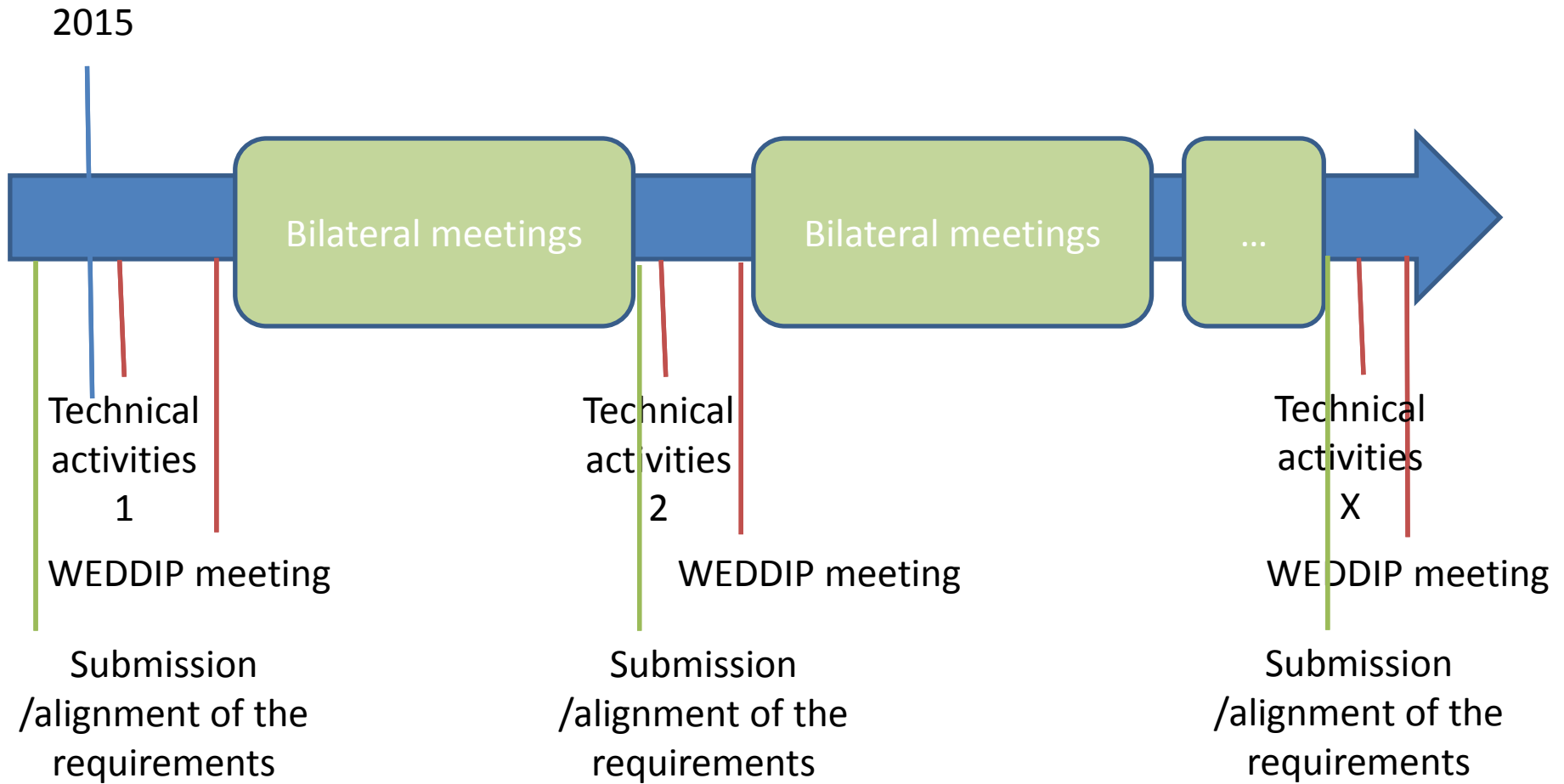
next steps (in 6 timeframes)

- ... (etc, etc)

step step:

- Consensus on a frequency plan

"flow chart"



Activities 2014 - 2016

Time frame 1:

- bilateral meetings : before the 1st January 2015
- submission of the requirements: 1st January 2015
- technical activities 1: 10th of January 2015
- WEDDIP meeting: January/February 2015

Time frame 2:

- bilateral meetings and technical activities
- WEDDIP meeting : April 2015

Time frame 3:

- bilateral meetings and technical activities
- WEDDIP meeting : June 2015

Proposed activities 2014 - 2016 (*cont*)

Time frame 4:

- bilateral meetings and technical activities
- WEDDIP meeting in October 2015

Time frame 5:

- bilateral meetings and technical activities
- WEDDIP meeting January 2016 and draft final plan

Time frame 6:

- bilateral meetings to finalize the agreements
- WEDDIP meeting in April 2016: to sign a document containing all results of the negotiation process

The future of WEDDIP

Post 800 / 700 MHz release:

- meeting in June (UK)
 - WEDDIP activities putting on hold
 - if requested, WEDDIP will meet

future topics:

- WRC23 discussion
- 5G development:
 - concept wise
 - spectrum consequences

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***Thank you very much
for
your attentions***

Q & A

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