



PSC-Europe

Spectrum Harmonisation Activities

Jeppe.Jepsen@Motorola.com

Motorola, Brussels, Belgium

Steffen.Ring@Motorola.com

Motorola, Global Government Affairs, Denmark



Agenda

- Consensus building
- Spectrum Activities
- Ongoing Activities/EU





Ensuring Consensus

- TETRA Association
- Law Enforcement WP
 - Radio Spectrum Expert Group
- Public Safety Radio Group
- ECC
 - WGFM - PT38



Spectrum Activities → Nov 2010

1. PS spectrum efficiency report (PSCE-TA) published Feb 2010
2. Analysys Mason PS BB report published March
3. Both above reports delivered to EC DG INFSO April → impact
4. ECC/CEPT PPDR workshop Mar 11-12th: over 100 delegates, PCWP user input, needs recognised
5. Lobbyist funded by TETRA A during early 2010
6. 800 MHz Digital Dividend work lead to EC Decision (for mobile)
7. PSC-E response to EC RSPP consultation delivered April
8. ETSI SRDoc on BB PSS spectrum finally published Aug 2010
9. Redefinition of CEPT PPDR priorities (NB, WB) Sep 2010, LEWP input to those *)
10. CEPT 400 MHz channel availability questionnaire by Nov 2010 *)
11. German ministry funded studies on PPDR spectrum by Nov 2010 *)
12. RSPP proposal to EP, about reasonable, industry lobby *)

*) see next slides

Ongoing Activities/CEPT

- Priorities by PT FM38 and WG FM in Sep 2010:
 1. Additional harmonised 2 x 1.5 MHz for capacity extension < 430
 2. New harmonised 2 x 3 MHz for data in 410 – 470
 3. Continued BB studies
 - And questionnaire started to clarify the band availability options
- Council LEWP (RCEG) input to ECC/CEPT Oct 2010
 - see next slide
- German MoEI (WIK) study report in ECC plenary Nov
 - see next slides
- FM38 questionnaire deadline was Nov 24
 - next FM38 is Dec 15/16 in Helsinki



Law Enforcement WP

- Police Cooperation Working Party changed to LEWP in Lisbon Treaty
 - part of the EU Council organisation
 - chaired by the current EU Presidency (Belgium 2H2010, then Hungary)
- I. LEWP
 - II. Radio Communication Experts Group (RCEG)
 - III. Forerunner Group
- RCEG input to ECC/CEPT Oct 2010 in response to latest CEPT priority list
 1. Put the 2 x 1.5 MHz extension in 380 – 400
 2. Put the 2 x 3 MHz data band in 410 – 430
 3. Find harmonised band for BB
- Document distributed widely to ECC Plenary, WG FM, PT FM38, ...
- Approval of the RCEG document at LEWP level in process since Nov 17th meeting – COREPER December





German PPDR study

- Mol study early 2010, MoE study late 2010
- German MoE has emphasised they want a harmonised European solution
- WIK presentation Oct for the ECC plenary
 - background data
 - need 1.9 Mbit/s uplink, like 2 x 15 MHz band if LTE like technology
 - impact assessment
 - opportunity cost
 - long list of proposals to German govt



Ongoing Activities/EU

- Increased political traction was gained in EC during 2010
- RSPP proposal to EP and Council Sep 2010
 - Following the provisions of the Telecom Package
- Lobbying started by PSC-E to guide the RSPP
- Harmonisation proposal for BB PPDR by EC
 - see next slides
- High level EC workshop to follow, early 2011



RSPP proposal

- Radio spectrum Policy Programme from the EC to EP and Council, every 2 years, this is the 1st
- Current proposal is out in EP for the first reading
 1. The need for BB PPDR spectrum below 1 GHz recognised as “shown by studies” to appear in 5 to 10 years
 2. Proposal to ensure availability of spectrum < 1 GHz and equipment circulation “if necessary”
- EP ITRE and IMCO Committees, rapporteurs
- Lobbying effort to secure favourable outcome from both EP and Council
- PSC-E letter to ITRE rapporteur



PPDR workshop proposal

- EC input paper to Radio Spectrum Committee on possible next harmonisation efforts (PMSE, PPDR, satellite)
- EC paper suggested even the next DD not to find a band for PPDR
- EC paper promoted the idea of sharing of government spectrum between PPDR and others like military
- Included proposal to arrange high level PPDR workshop between the EC and Member States, all stakeholders
 - supported by MS's in RSC Oct meeting
 - will happen
 - time and agenda yet unknown
- This will mean some preparation work to us

Long history

2008

WIK Consult:
Safety First!

EP Toia report:
DD spectrum to PS

RSPG PUS WG:
PS has little spectrum

2009

EC DD hearing etc
DD actions

CEPT questionnaire
to PPDR stakeholders

JHA Council
recommendation

2010

Analysys Mason
PS BB report

CEPT PPDR
workshop

German gov't
study reports

2011 forecast

RSPP

Yet another PPDR
workshop

?



Actors

- Which organisations have influence on the critical path?
- Regulators
 - National and International
- User organisations
 - Municipal, County, national



Thank You

