ECC(14)006 Annex 06

## WORK PROGRAMME AND MEETING SCHEDULE OF ECC PT1 (further to ECC PT1#45)

**NOTES:**

1. This document does not cover all the details of current work topics within the scope of ECC PT1, but highlights specific items that are being developed within ECC PT1, and indicates target dates by which deliverables are to be produced.
2. This work program is revised at each ECC PT1 meeting and is part of an ongoing process.
3. Email contact details for the Chairman/Coordinator/Rapporteur of each project team and correspondence group appear at the beginning of their topics. Administrations are encouraged to contact them in order to participate in the work.
4. The program is also available in http://apps.ero.dk/eccwp/

## Spectrum matters (SWG A) – Work Item List

These activities cover:

* Based on the request from ECC, how spectrum identified for IMT in the Radio regulations and intended to be used for IMT within CEPT should be arranged,
* the development of appropriate ECC deliverables applying to frequency bands intended to be used for MFCN/IMT within CEPT,
* the review of the ERC/ECC Decisions under the responsibility of ECC PT1 and take appropriate actions
* the relevant contributions to EC mandates
* the development of common CEPT positions to ITU-R (WP 5D, SG 5, etc.) in relation with spectrum matters (channelling plan, etc.)
* the evaluation/implementation of the TCAM RIG II model

**Chairman: M. Kraemer**

| **Reference** | **Subject** | **Scope** | **Remarks** | **Start** | **End** | **ECO support (Y/N)** |
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| **700 MHz band** | | | | | | |
| 700MHz\_1\_A | Preferred technical channeling arrangement in 694 -790 MHz | To develop a preferred technical channeling arrangement in 694 -790 MHz for wireless broadband with the understanding that such channelling arrangement could potentially not only cater for electronic communications services, but also for PPDR  Task 1a of the EC Mandate on 700 MHz | ECC PT 1 should avoid duplicating the work of CPG PTD | May 2013 | November 2014 | Y |
| 700MHz\_2\_A | PMSE issues | To identify possible spectrum to accommodate PMSE in the 694-790 MHz band (in particular wireless microphones) - For example either in the center gap of a potential FDD arrangement or a relevant guard band  Task 2a of the EC Mandate on 700 MHz | ECC PT1 to avoid duplication of work of CPG PTD on PMSE and liaise with FM51 and SE7 as appropriate | May 2013 | November2014 | Y |

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| **Reference** | **Subject** | **Scope** | **Remarks** | **Start** | **End** | | **ECO support (Y/N)** |
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| **3,4-3,8 GHz band** | | | | | | | |
| 3400\_3800MHz\_2\_A | Frequency arrangements for the band 3400-3600 MHz and 3600-3800 MHz | To develop an ECC Decision harmonised frequency arrangements for the band 3400-3600 MHz and 3600-3800 MHz | ECC decided that the frequency arrangement in the 3.4 - 3.6 GHz in ECC/DEC/(11)06 should be subject to review no later than end 2013 with the aim to identify a preferred frequency arrangement (Decides 3.)  ECC PT1#43 in May 2013 reviewed the results of the latest questionnaire but could not identified a preferred arrangement (either TDD or FDD) due to split of views | January 2010 | | March 2014 | Y |
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| **OTHER WORK ITEMS :** | | | | | | |
| Gen\_1\_A | Review of ERC/ECC Decisions | review the existing ERC/ECC Decisions related to IMT, GSM and DECT and take action, as appropriate | **Permanent Work Item**  [**Deliverable:** ECC PT1 position paper, Questionnaire, revised ECC Decision ] |  |  | Y |
| Gen\_4\_A | Development of common CEPT contributions | To contribute to ITU-R WP 5D (outside WRC-15 Agenda items 1.1 and 1.2) | **Permanent Work Item**  To assess at each meeting based on WP 5D feedbacks relevant contributions needed to promote common CEPT views (frequency arrangements issues)  Deliverable : CEPT contribution to ITU-R WP 5 D (on case by case basis | 2009 |  | N |
| Gen\_5\_A | Development of TCAM RIG II RIS models | To develop RIS implementations (for all ECC Decisions approved during and after 2009) | **Permanent Work Item**  **Deliverable** : RIS model(s) | October 2009 |  | Y |

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| Other\_5\_A | ECC Dec (06)07 GSM OBA | To revise ECC Dec (06)07 GSM OBA | ECC PT1#44 (September 2013) included LTE in the 1800 MHz band and UMTS FDD in the 2100 MHz band into the scope of the Decision and submitted it to the ECC for approval for PC | September 2011 | March 2014 | Y |
| Other\_7\_A | ECC/DEC/(08)08 on MCV | To review ECC/DEC/(08)08 | ECC PT1#42 (January 2013) decided that studies were needed on the MCV compatibility issues including unintentional roaming. ECC PT1#44 meeting created a working document towards a new ECC Report which will be a basis for revision of ECC/DEC/(08)08 | April 2012 | November 2014 | Y |
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| Other\_9\_A | ECO Report 03 | To generate ECO Report 03 on licensing of mobile bands from EFIS | ECO is working on the generation of ECO Report 03 from “Rights of Use” module of EFIS under the guidance of ECC PT1 and EFIS MG | April 2012 | May 2015 | Y |
| Other\_10\_A  (preliminary WI) | WRC-15 Agenda Item 10 | To support CPG-PTA in the development of a proposal for a WRC-18 Agenda Item on “Future IMT systems above 6 GHz” | CPG-PTA has requested input on proposals for possible WRC-18 Agenda Items to be included in the CEPT Brief and ECP on WRC-15 Agenda Item 10.  ECC PT1 #45 received various proposals on “Future IMT systems above 6 GHz” and decided to further discuss and develop these proposals to support CPG-PTA. | January 2014 | July 2015 | N |

## Compatibility Issues (SWG C) – Work Item List

**Chairman: S Magnusson**

These activities cover:

* the relevant sharing and compatibility issues related to the bands to be used for IMT in CEPT and relevant technical conditions implementing the WAPECS concept (e.g. BEM) taken into account relevant ECC harmonised band plan (see ECC PT1),
* the relevant study and analysis of the protection requirements of radio services in adjacent bands, and of existing applications sharing the same bands to be used by mobile systems,
* the relevant study for cross border coordination issues and will develop or update, where relevant, appropriate ECC recommendations and reports
* the relevant contributions to EC mandates
* the development of common CEPT position to ITU-R (WP 5D, SG 5, etc.) in relation with compatibility issues

| **Reference** | **Subject** | **Scope** | **Remarks** | **Start** | **End** | **ECO support (Y/N)** |
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| **700 MHz band**  **CG Convenor: Doriana Guiducci** | | | | | | |
| 700MHz\_1\_C | Common least restrictive technical conditions (BEM) | To develop common least restrictive technical conditions (BEM) for wireless broadband with the understanding that such BEM could potentially not only cater for electronic communications services, but also for PPDR  Task 1b of the EC Mandate on 700 MHz | ECC PT 1 should avoid duplicating the work of CPG PTD | May 2013 | November2014 | Y |
| 700MHz\_2\_C | Coexistence between wireless broadband and Broadcasting at 694 MHz | To study how to ensure coexistence between wireless broadband and Broadcasting at 694 MHz  Task 1c of the EC Mandate on 700 MHz | The issue of coexistence between wireless broadband and Broadcasting at 694 MHz is already under discussion at CPG PTD (and ITU-R) | May 2013 | November2014 | Y |
| 700MHz\_3\_C | Cross-border coordination issues | To assess cross-border coordination issues for wireless broadband systems as well as between wireless broadband and other terrestrial applications, including at the EU external borders  In addition to Task1 of the EC Mandate on 700 MHz | ECC PT1 will benefit from results of CPG/PT-D, where appropriate.  This work item will be launched at a later stage  See also work item X\_1\_C | 2014/2015 | 2014/2015 | Y |
| 700MHz\_4\_C | PMSE issues | To assess and study, if needed, the possible impact on PMSE below 694 MHz and to identify the relevant coexistence criteria  Task 1d of the EC Mandate on 700 MHz  (SE7 will develop relevant common technical conditions (BEM) for PMSE.)  Task 2b of the EC Mandate on 700 MHz | ECC PT1 to avoid duplication of work of CPG PTD and liaise with FM51 and SE7 as appropriate | May 2013 | November2014 | Y |
| 700MHz\_5\_C | Special applications | Machine-to-machine communication | To be considered provided that relevant studies are submitted | May 2013 | November 2014 |  |

| **Reference** | **Subject** | **Scope** | **Remarks** | **Start** | **End** | **ECO support**  **(Y/N)** |
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| **Practical Guidance for TDD synchronization  CG Convenor : A. Demarez** | | | | | | |
| TDD\_synch\_1\_C | TDD coexistence | To develop measures to facilitate coexistence between adjacent TDD networks | **Expected deliverable :** ECC Report | September 2011 | June 2014 |  |

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| **Reference** | **Subject** | **Scope** | **Remarks** | **Start** | **End** | **ECO support**  **(Y/N)** |
| **Cross border coordination**  **CG convenor Arnaud Guerin CG rapporteur : Arnaud Guerin** | | | | | | |
| X\_1\_C | Cross border coordination | To develop cross border trigger values for new IMT bands, and consider possible new cross border methodologies. | **Deliverable:**  ECC recommendation | September 2011 | November 2014 |  |

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| **Reference** | **Subject** | **Scope** | **Remarks** | **Start** | **End** | **ECO support**  **(Y/N)** |
| **Mobile Communication On-board Vessels**  **CG Convenor: Vincent Mérat** | | | | | | |
| MCV\_1\_C | Mobile Communication On-board Vessels | MCV framework in the bands 900 and.  Introduction of LTE onboard vessels in the 1800 MHz band.  Operation of MCV in the 2GHz band (using UMTS) and in the 2.6GHz band (using LTE) | **Deliverable:**  ECC report | Sept 2012 | Nov 2014 |  |

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| **Reference** | **Subject** | **Scope** | **Remarks** | **Start** | **End** | | **ECO support**  **(Y/N)** | |
| **Other issues** | | | | | | | | |
| Gen\_2\_C | Compatibility issues | Generic compatibility issues in response to WG FM and WG SE requests | **Permanent Work Item** Activity on ad hoc basis |  | |  | |  |
| Other\_5\_C | SEAMCAT enhancements | To keep the SEAMCAT functionalities under periodical review in order to make it usable for the needs of ECC PT1 | **Deliverable:** agreed list and technical specifications for the new/enhanced features in SEAMCAT  Relevant activity: CPG PTD requested in May 2013 STG to clarify the implementation of LTE UE TPC within SEAMCAT in order to simulate an IMT network employing power control for the studies under AI 1.2.of WRC-15 | April 2012 | |  | | Y |
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