



International Amateur Radio Union Region 1 2014 General Conference – Varna-Albena, Bulgaria

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Subject	External Relations Committee Report		
Society	ERC	Country:	
Committee:	C3	Paper number:	VA14_C3_07
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External Relations Committee Report

Introduction

This report covers activities during the period from the 22nd April 2013 to 10th April 2014

ERC Mission

The ERC deals with the coordination of the Region 1 relations with non-amateur entities (international organisations e.g. ITU, CEPT, ASMG and ATU) on matters of importance to the interests of the amateur services (e.g. spectrum management, licensing) and with the delegation of Region 1 experts to meetings/conferences of these entities.

CEPT Working Group Frequency Management (WGFM)

This organisation had 3 meetings during the period covered, Amsterdam during May 20th - 24th, Montegrotto, Italy during September 30th - October 4th 2013 and Budapest during February 3rd - 7th 2014.

WGFM Project Team 52 dealing with 2 300 – 2 400 MHz was held in Copenhagen in April and November 2013, Mainz in August 2013, and Maisons-Alfort in January 2014. What should be the final meeting of this group is scheduled to be held in Bologna in May 2014.

All meetings were attended by EC member Panayot Danev, LZ1US, and reports circulated to the EC.

CEPT WGFM Civil/Military Meeting

This group met in November 2013 and was attended by the Region 1 President.

CEPT Radio Amateur Forum Group

Peter Frey, HB9MQM, continues to liaise with Alexander Gulyev at the ECO following the ECO re-organisation. The RAFG is primarily a correspondence group under the umbrella of WGFM, however Peter has travelled to Copenhagen and met with Alexander during this report period. It is reported that Alexander will be leaving his post during the summer of 2014.

A full RAFG report has been submitted by the co-ordinator. Peter has also indicated he is available to continue with this work.

CEPT Conference Preparation Group

This is the top tier group dealing with ITU WRC matters and has held a further two meetings during this report period. These were held in Zagreb during September 2013 and Riga during March 2014. Both meetings were attended by Hans, PB2T, as CEPT Co-ordinator WRC-15 Agenda Item 1.4.

CEPT Working Group Spectrum Engineering (WGSE)

Murray Niman, G6JYB, continues to cover the work of this group particularly that of study group SE24 – Short Range Devices (SRDs). Much of the work of this group has been carried out via web meetings however the following meetings were attended -

SE24/SRDMG - Copenhagen October 2013 and Anatalya, Turkey April 2014

Topics with direct input have been:-

- a) 2,3/2,4 GHz GHz MBANS
- b) 5,7 GHz WIA - Wireless Industrial Automation
- c) WI50/51 on 77 GHz Helicopter and Fixed Infrastructure radars (which are drawing on WRC AI 1.18 moves)

Murray is also expecting to contribute to 5 GHz WLAN vs Amateur on the WRC15-AI1.1 item which CEPT has is in SE24 as well.

CEPT CPG Project Team A

This Project Team is dealing with two agenda items of interest to the amateur services – **A.I. 9.1.8** *Regulatory aspects for nano and picosatellites*, and **A.I. 10** *to recommend to the Council items for inclusion in the agenda for the next WRC, and to give its views on the preliminary agenda for the subsequent conference and on possible agenda items for future conferences, in accordance with Article 7 of the Convention.*

Meetings have been held in Budapest, September 2013 and Mainz, January 2014 which were attended by PB2T. A further meeting at the European Space Agency in the Netherlands was attended by G3PSM. Proposals have been made to CEPT for harmonisation of 1,8 MHz with Regions 2 and 3, a band between 50 - 52 MHz and harmonisation at 3 400 – 3 410 MHz. There appears to be no strong feelings for or against any of these proposals at the present time but member societies need to be urged to work with their administrations to support and to produce firm proposals.

CEPT CPG Project Team C

CPG PT-C is dealing with WRC-15 **Agenda Item 1.4):** *to consider possible new allocation to the amateur service on a secondary basis within the band 5 250 - 5 450*

*kHz in accordance with Resolution 649 (WRC 12) and **Agenda item 1.18** to consider a primary allocation to the radiolocation service for automotive applications in the 77.5 - 78.0 GHz frequency band in accordance with Resolution 654 (WRC 12).*

Meetings have been held in Bucharest in October 2013, Mainz in January 2014 and Amsterdam in April 2014. These meetings were attended by PB2T as CEPT co-ordinator for Agenda Item 1.4

Working Party 1A – Spectrum Engineering Techniques/WP 1B Plenary Spectrum Management Methodologies and Economic Strategies

Ian Greenshields, G4FSU, attends this group as an IARU delegate. Work continues on establishing noise floor standards with ongoing talks between ITU-R and ITU-T. The annual meeting of this group took place in Geneva during June 2013. Peter Chadwick, G3RZP, has now retired from this work.

Working Party 5A – Land mobile service excluding IMT, amateur and amateur-satellite service

Meetings of this group took place in Geneva in May and November 2013 and the amateur service work was undertaken by Working Group 5A1.

The 5A1 Working Group is now chaired by Dale Hughes, VK1DSH. *Recommendation ITU-R M.[VARICODE] - Telegraphic alphabet for data communication by phase shift keying at 31 baud*, was finalized and approved by WP5A. This Recommendation now carries the designation M.2034. Work was also completed on updated the Amateur and Amateur Satellite Services Handbook which was still awaiting publication at the time of writing. It is hoped this document will soon be available as a free-of-charge download.

Work continues on Agenda Items 1.4 (5 MHz) and 1.18 (77.5 - 78.0 GHz). At this stage it is too early to forecast any outcome of ongoing discussions

Representation on the group is mainly from Canada, China, Germany, Japan, the Netherlands, the Russian Federation, United Kingdom and the United States.

Panel of Experts

An action adopted at the last meeting of the Region 1 Executive Committee has been completed and is the subject of a separate paper.

Future Planned Meetings –

<i>WGSE SE24</i>	<i>15th April – Web Meeting</i>
<i>WGSE SE24</i>	<i>23rd April - Web Meeting – WI50 Helicopter 77 GHz – G6JYB</i>
<i>WGSE SE24</i>	<i>29th April – Web Meeting – WI50 Fixed Infra 77 GHz - G6JYB</i>
<i>WGFM PT52</i>	<i>5th-6th May – Bologna – LZ1US</i>
<i>WGSE SE24</i>	<i>8th May – Web Meeting – WI52 – 5 GHz – Watching brief</i>
<i>WGSE</i>	<i>12th–16th May 2014 – Anatalya – (G6JYB)</i>
<i>WGSE SE24</i>	<i>16th May – Web Meeting - WI52 – 5 GHz – Watching brief</i>

WGFM	26 th -30 th May – Trondheim – LZ1US
ITU-R WP5A/B/C	19 th -28 th May 2014 – Geneva – DK4VW, G3PSM
ITU-R WP1A/B	3 rd -10 th June 2014 – Geneva – G4FSU
WGSE SE24	11 th -12 th June 2014 – Mainz – (G6JYB)
ECC	24 th -26 th June 2014 – Denmark – (PB2T)
<i>WGSE SRD/MG</i>	<i>16th August – Web Meeting – ITS (G6JYB)</i>
<i>WGSE SRD/MG</i>	<i>20th August – Web Meeting – UHF (G6JYB)</i>
<i>WGSE SRD/MG</i>	<i>21st August – Web Meeting – Vocabulary (G6JYB)</i>
WGSE SRD/MG	28 th -30 th August – Switzerland (G6JYB)
CPG PT-C	16 th -19 th September – TBD – PB2T
WGSE	15 th -19 th September 2014 - Ireland
IARU Region 1	21st-27th September 2014 – General Conference
CPG	23 rd -26 th September 2014 – France
WGFM	6 th -10 th October – Sophia Antipolis, France
WGSE SE24	13 th -15 th October – London – G6JYB
ITU-R WP5A/B/C	27 th October – 7 th November 2014 – Geneva
ECC	25 th -28 th November 2014 – Switzerland
WGSE SRD/MG	10 th -12 th December 2014 – Mainz
CPG PT-C	17 th -20 th February 2015 – TBD
CPG PT-C	21 st -24 th April 2015 - TBD

Colin J. Thomas, G3PSM
Chairman, External Relations Committee
10th April 2014