



International Amateur Radio Union Region 1 2017 General Conference – Landshut, Germany



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Subject:	Report External Relations Committee		
Society	ERC	Country:	IARU Region 1
Committee	C3	Paper Number:	LA17_C3_15
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1. ERC Mission

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

2. Introduction

This is my last report as Chair of the ERC and this report covers activities during the period from the 1st April 2016 to the 31st March 2017. With the decision to cover more WRC-19 agenda items which could affect the amateur services it is becoming increasingly difficult to find the manpower to attend or monitor the associated meetings, especially at CEPT level.

3. Arab Spectrum Management Group (ASMG)

The ASMG position is being monitored by Faisal, 9K2RR. A meeting of this group is scheduled for the 15th - 20th April 2017 in Dubai and hopefully an update from this will be available in time for the EC meeting.

4. African Telecommunications Union (ATU)

ATU proceedings are being covered by Tafa, 6W1KI, and he is reporting to the Region 1 President.

5. CEPT

CEPT Conference Preparations

As well as WRC preparation at the ITU level, WRC preparations are occurring around the world in Regional Telecommunication Organisations (RTOs). In some cases, inputs from a Member State or Administration to an RTO are submitted on behalf of the RTO to ITU-R for consideration. Generally, the conference preparatory machinery in RTOs is engaged in developing positions and briefing material for the various WRC agenda items.

Concerning IARU's priority items WRC-19 AI 1.1 and AI 9.1.6 are being addressed in CPG PTD and AI 1.13 is being studied in CEPT ECC PT1. IARU R1 has been active in PTD and PT1. Concerning AI 1.1 Hans, PB2T, is the CEPT co-ordinator whilst Dave, EI3IO, is the lead IARU co-

ordinator. Work has begun on developing reasoned spectrum needs and sharing analyses between the amateur service and the broadcasting (analogue television) service, radiolocation (wind profiler) service and the mobile and land-mobile services.

For AI 1.13 Jon, WB3ERA, is the lead IARU co-ordinator and experts attend ECC PT1 as available. For AI 9.1.6 Ian, G4FSU, is the lead co-ordinator whilst work in CEPT is monitored by Murray, G6JYB. The overall IARU co-ordinator for CEPT and other R1 RTOs is the Chairman of the ERC Colin, G3PSM. And the overall IARU WRC co-ordinator is Ole, LA2RR, IARU's Vice President. IARU Region 1 normally attends the Conference Preparatory Group (CPG) to which the Project Teams Report.

CEPT Non-Conference Activities

IARU Region 1 normally attends the Electronic Communications Committee (ECC), Frequency Management Working Group (WGFM) and PT SE24 (Low Power Devices). As the RAFG in WGFM has been put in 'idle mode', see Regulatory Affairs Section above, the main matter of interest in WGFM is the European Common Allocation Table (ECA) and the ECO Frequency Information System (EFIS). However, a watching brief is kept on all matters which may impact the amateur service. ECC is the body which determines CEPT policy in terms of Spectrum Management activities and approves key deliverables in respect of work undertaken in Working Groups and fulfilling mandates from the European Commission.

6. Regional Commonwealth in the field of Communications (RCC)

The IARU Region 1 liaison is carried out by Panayot Danev, LZ1US, who has indicated his willingness to continue in this role. The next meeting of the RCC will take place in Bishkek, Kirghizstan between the 10th - 14th April 2017 and again it is hoped that an update of the RCC position will be available for this EC meeting. Indications are that there is flexibility in the RCCs position if we can meet certain criteria.

7. ITU

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. The priority work now being carried out in WP1A concerns Wireless Power Transfer. This is a WRC-19 agenda item (A.I. 9.1.6) and is causing concern to all radio services. The next scheduled meeting is between the 12th - 20th June 2017.

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

Meetings of this group took place in Geneva in May 2016 and November 2016 for the current study period. A full report will be given by EC member David Court, EI3IO.

Working Party 7B (WP 7B) - Space radiocommunication applications

The IARU is represented by Hans, PB2T, funded by the International Secretariat. This item is included for information only.

ITU Activities

IARU has participated in the May and November 2016 meetings of ITU WP 5A which addresses issues relating to the amateur and amateur-satellite services as well as land mobile services matters which are not related to IMT. Sub Group 5A1 is chaired by Dale Hughes VK1DSH and deals with detailed amateur matters including agenda items of WRC-19 which have a potential impact on the amateur service. Three agenda items have been given priority status by the IARU. These are AI 1.1 where WRC-19 will consider the possibility of an amateur allocation in Region 1 in the band 50 – 54 MHz, AI 1.13 where the IARU will seek to protect existing amateur allocations at 24 GHz, 47 GHz and 86 GHz which are under differing levels of threat from IMT 2020 (5G) mobile networks as well as AI 9.1.6 which will consider making provisions for electromagnetic power transfer in various parts of the spectrum and may present increased levels of disturbance in LF and MF amateur allocations. AI 1.13 and 9.1.6 are addressed in the ITU by WP 5D and Study Group 1 respectively.

For AI 1.1 WP 5A is taking the lead concerning the preparation of text for the Report of the Conference Preparatory Meeting (CPM) which will provide the technical bases for WRC considerations. Sub-Group 5A1 is therefore preparing a working document towards a preliminary Draft New Report ITU-R M.[Amateur_50_MHz] dealing with spectrum needs for the amateur service in the frequency band 50 - 54 MHz in Region 1 and sharing with mobile fixed, radiolocation, and broadcasting services.

8. Regulatory Affairs

IARU Region 1 Regulatory Affairs Co-ordinator is Peter, HB9MQM. Most of the work of the Co-ordinator revolves around the Recommendations and Reports of CEPT concerning the amateur service:

[Recommendation T/R 61-01](#) CEPT Radio Amateur Licence

[Recommendation T/R 61-02](#) Harmonised amateur radio examination certificates

[ECC Recommendation \(05\)06](#) CEPT Novice Radio Amateur Licence

[ERC Report 32](#) Amateur radio novice examination syllabus and amateur radio novice examination certificate within CEPT and non-CEPT countries

[ECC Report 89](#) A radio amateur entry level examination and licence

[ECC Recommendation \(14\)05](#) Amateur Radio Licence Examinations for Persons with Disabilities

[ERC Report 25](#) The European Common Allocations Table provides information about radio service allocations for the radio amateur service and radio amateur-satellite service including notes, standards, etc.

Spectrum management activities within CEPT for all radiocommunication services are handled in the Frequency Management Working Group (WGFM). Within WGFM there is a Radio Amateur Forum Group (RAFG). The RAFG considers radio amateur issues as they arise and is

in direct contact with administrations inside and outside the CEPT with regard to radio amateur issues, in particular concerning CEPT Recommendations T/R 61-01 and T/R 61-02, ECC/REC/(05)06 and ERC Report 32 and other relevant CEPT Recommendations. In addition, RAFG:

- Subject to the endorsement by WGFM, develop Recommendations, Reports and views on radio amateur issues of importance to the radio amateur society;
- Contribute, as appropriate, to the development of CEPT inputs to ITU-R Working Parties outside the scope of WRC preparations and in accordance with ECC working procedures;
- Liaise with international organisations representing amateur radio service licensees on all relevant radio amateur matters.

Peter, HB9MQM, is the lead person for IARU Region 1 in the RAFG and EI3IO is the lead person for IARU Region 1 in WGFM. Both can advise IARU delegates to other Region 1 Regional Telecommunication Organisations (ASMG, ATU and RCC) on regulatory and frequency management issues as required.

The RAFG is currently chaired by a CEPT ECO official, Thomas Weber. At the October 2016 meeting of WGFM it was decided that since all recommendations and associated documentation had been recently updated and revised and in the absence of an administration coming forward to take the chairmanship, Thomas Weber should continue in this role. However, the RAFG has been placed in 'idle mode.' This means that proposals for new work should be provided via a CEPT administration directly to WGFM before a task is assigned to RAFG. In such a case, in the future the administration suggesting new work should also provide a candidate for the chairmanship of the RAFG.

This does not pose too much of a problem for IARU Region 1 at present but is not an ideal situation. CEPT MS should discuss the matter with their administrations to ascertain whether they would be willing to provide a candidate. IARU will of course continue to fully support the RAFG.

9. Future Planned Meetings

<u>Group</u>	<u>Date</u>	<u>Location</u>	<u>Attendee(s)</u>
CEPT PT-D	3rd-5th May	Maisons-Alfort, Paris	DK4VW, EI3IO, PB2T
ITU-R WP5A	22nd May-1st June	Geneva	DK4VW, EI3IO, G3PSM
CEPT CPG	4th-7th July	T.B.D.	PB2T
Ham Radio	14th-16th July	Friedrichshafen	
ATU	7th-11th August	(Nairobi)	(6W1KI)
R1 Conference	16th-23rd Sept	Landshut, Germany	ALL
CEPT PT-A	2nd-6th October	Bucharest	
ITU-R WP5A	6th-16th November	Geneva	

Colin J. Thomas, G3PSM

Chairman, External Relations Committee

5th April 2017