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INTERNATIONAL AMATEUR RADIO UNION REGION 1

IARU REGION 1 NEWS

December 2001

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CQ DE PA0LOU

Another year has flown past. One sometimes wonders where all the time goes? I would like to extend my best wishes for the festive season and the new year to all. May 2002 be a turning point and a growth year for Amateur Radio.

Every year we make plans and develop programmes for the development of the Amateur Radio Service world-wide.

Some of our plans materialise and are successful, others fall by the way or achieve less than expected success. This does not mean that we should not make plans. It perhaps indicates that we should set fewer objectives for the coming years with more focus on those few.

I propose that member societies consider the following 3 objectives for 2002:

- Increase national society member-ship. By doing that we strengthen the IARU and build more credibility with those who we lobby to support the amateur service
- Encourage radio amateurs to get on the bands more frequently

and participate in on the air events

- Expand relationships with local regulatory authorities and Communication Ministries to lobby for support of the Amateur Service at WRC2003.

As IARU Region 1 Executive we are working on programmes to support member societies. The first initiative is to publicise World Amateur Radio Day on 18 April and to make this day a world focus on the technical achievements of the Amateur Service and the valuable resource it is. The theme for 2002 is

*"Amateur Radio Continuing
Innovation in Communication
Technology."*

The second initiative is to hold an IARU Liaison Officers' workshop during the Region 1 Conference to be held in San Marino in 2002 This workshop is aimed at assisting member societies to develop and expand a relationship building programme with their authorities.

Your support in achieving successes is vital. I COUNT ON YOU.

73 Lou van de Nadort PA0LOU

2002 REGION ONE
CONFERENCE
NEW DATES

The dates for the Region One Conference have been changed. It will now be held in San Marino from 10 – 15 November 2002. The change of dates was necessitated by a number of other important meetings at which several IARU officials have to attend in defence of the Amateur Service. Please communicate the new dates to your Society

AC meeting

The Administrative Council of the International Amateur Radio Union met on 6-8 October 2001 in Guatemala City, Guatemala, following the 14th General Assembly of IARU Region 2. The principal business at the Guatemala City meeting was to continue preparations for WRC-2003, which has several items of importance to the amateur services on its agenda.

The most interesting and important items of a published AC press release concerned the future of amateur radio in connection with the WRC-2003 and the ITU-R Recommendation M.1544. Here are the following excerpts:

1. The IARU Council reviewed the status of IARU preparations for WRC-2003. The agenda items of concern include harmonisation of amateur and broadcasting allocations near 7 MHz, adequacy of HF broadcasting allocations below 10 MHz, possible revision of Article S25 of the international Radio Regulations, changes to terms and definitions in Article S1 as a result of amendments to Article S25, review of provisions concerning the formation of amateur call signs in Article S19, additional allocations for Little LEO satellites,

study of a possible allocation to the earth exploration-satellite service for synthetic aperture radars (SARs) near 435 MHz, and possible identification of globally harmonised frequency bands for use by agencies and organisations dealing with public protection (such as police) and disaster relief. IARU objectives with regard to these agenda items were affirmed.

2. The IARU Council adopted the following resolution:

- Considering the approval without opposition of ITU-R recommendation M.1544, which sets out the minimum qualifications of radio amateurs, recognizing that the Morse code continues to be an effective and efficient mode of communication used by many thousands of radio amateurs, but further recognising that the position of Morse as a qualifying criterion for an HF amateur license is no longer relevant to the healthy future of amateur radio, resolves that
1. member societies are urged to seek, as an interim measure, Morse code testing speeds not exceeding five words per minute;
 2. setting aside any previous relevant decisions, IARU policy is to support the removal of Morse code testing as an ITU requirement for an amateur license to operate on frequencies below 30 MHz.

The Chairman of the IARU Region 1, Lou van de Nadort, PA0LOU, pointed out regarding the AC Press Release, that Region 1 accepted the FASC report and agreed on a possible text for a document called M-XXX, the well known "Recommendation to be incorporated by reference" in the proposed new text for S25. (The RSGB proposal.). Accepting the FASC report and the RSGB proposal in Lillehammer means that Region 1 agreed that the Morse-code requirement paragraph in the existing S25 would be removed and would form part of that "Recommendation" IN SOME FORM.

The final text is to be decided by the IS in co-operation with the ITU-WG (ITU-R-WP8A) dealing with the subject. This "recommendation" to become mandatory. This "recommendation" is now a fact, ITU-R M.1544, but whether this will become mentioned as mandatory in the future text of S25 still depends on the outcome of WRC 2003. (Contribution by Karl DK9HU)

Development of a common strategy of IARU Region 1 on the introduction of Power Line Technology (PLT)

Karl Erhard Voegele DK9HU

The proposal, to make a common strategy of IARU Region 1 on the introduction of Power Line Technology was made in the Joint EUROCOM/EMC working groups meeting held in Friedrichshafen on 30 June 2001. After a long discussion on the technical issues involved and what form the strategy should take, a list of possible actions and other points was agreed in the meeting. In the weeks and months following many drafts have been written and discussed via electronic mail. The final draft was circulated by Karl Erhard Voegele, DK9HU via electronic mail to the EC and has been adopted. Karl is the EC co-ordinator for IARU Region 1 Policy on such items as PLT, ADSL and xDSL. Karl thanks especially the two Chairmen of EUROCOM/EMC working groups Gaston Bertels, ON4WF and Christian Verholt, OZ8CY, also Hilary Claytonsmith, G4JKS, HaJo Brandt, DJ1ZB, and many other radio amateurs who contributed.

The Strategy of IARU, Region 1 on PLT

General

The IARU needs to develop a strategy on PLT and this will involve the following activities in those countries

where PLT is under active consideration:

- to collect and share information about the development of PLT
- to influence decision makers
- to inform IARU member societies
- to make recommendations to the societies.
- to co-ordinate activities between the societies if desired

For member societies, a strategy on PLT means:

- active involvement in the formulation of the strategy
- action by societies at country level both in support of IARU and local initiatives

The PLT Problem

Activities must emphasise that PLT is a

- technical
- legal
- economical and
- political problem, and a problem concerning the freedom of information to everybody using HF.

Collecting and providing Information

Collecting information:

- in working groups, newspapers, internet
- any press releases related to PLT and items from amateur radio publications
- on measurements made by radio amateurs or others
- on the different sounds of PLT (make recordings)
- on the level of ionospheric and man-made noise compared to the level of interfering noise introduced by PLT
- on cases of ingress to PLT by the legal operation of amateur radio stations

Providing information:

- make available information on the homepages

- make available the different sounds noises of PLT on a telephone recorder
- write and distribute press releases and articles for your magazines
- on the minimum necessary field strengths and protection ratios that have been agreed for HF broadcasting
- on how low the signals and field strengths are which can be copied by radio amateurs
- on studies concerning the impact of PLT on radio services

Influencing decision makers

All societies should ensure that they are actively involved in influencing:

- EU-legislation (through CEPT Working Group membership)
- National legislation (through the relevant national standards bodies)
- Standard making groups (as above)
- User groups (in particular educating their HF users about the PLT threat)
- Telecom operators (influencing them technically to think about the HF user requirements)
- Manufacturers (to encourage them to engineer the systems to high specification)
- CEPT / ITU (as above)
- Members of the EU and national parliaments (through lobbying with a unified IARU position)

Searching for allies

Societies should recognise that there is greater opportunity for the radio amateur voice to be heard if they work in conjunction with other users of the HF spectrum, who have greater influence, e.g.:

- Broadcasters
- Civil aviation authorities
- Ports and maritime authorities
- Military radio users
- NATO
- Radio astronomers (they also have HF bands)
- CB operators
-

Take a positive attitude

Never say, you will prevent PLT. Say that PLT is a new technical development and radio amateurs are interested in such developments. All radio users need very low emission limits from PLT so that it does not exceed a level which allows radio and telecommunications apparatus to operate as intended. Point out that PLT is not a good technology, as the more users, the slower the data speed. Argue that quicker data systems such as fibre cables and other systems (SHF links) are much better. Show, that PLT has no chance in the market, pointing out the risks for investors.

References to papers

Impact of PLT on radio services:
<http://www.radio.gov.uk/busunit/research/ay3525/intro.htm>

Measurements on the radiation of mains installations used for PLT: in preparation Society-Information:

<http://www.darc.de/referate/ausland/plc/index.html>

EUROCOM Newsletter 1201 dated from 2.11.2001

WORLD AMATEUR RADIO
 DAY 2002
 18 April 2002

*"Amateur Radio Continuing
 Innovation in Communication
 Technology."*

Let's have your ideas on how to
 celebrate: iaru@intekom.co.za

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POWER LINE

TELECOMMUNICATION (PLT)

*Radio Amateurs MUST use
every OPPORTUNITY*

EUROCOM was very successful in preparing a mail which was sent by 10 societies to the subworking Group SE35 of CEPT ERC

Sub Working Group SE35 of CEPT ERC is preparing a draft CEPT/ERC Recommendation on radiation limits for all kinds of cable telecommunications networks (PLC, xDSL, CATV and LANs). The members of this group are delegates of administrations and companies and among them some are radio amateurs. The chairman of SE35 has given the radio services the opportunity to express their views by introducing an informal chapter on "non-administrations views" in his report. So radio amateurs used this opportunity to state our case.

Chairman of EUROCOM, Gaston Bertels, ON4WF, was very busy in collecting the opinions of the IARU Region 1 experts, supported by HaJo Brandt, DJ1ZB, Chris Verholt, OZ8CY, EMC WG Chairman and Karl Erhard Voegele, EC co-ordinator PLT. Within a very short time, the IARU experts came to the opinion, that any additional noise from the radiation of telecommunication networks should be as low as possible above the natural noise level. The original UK limit of 0dBuV/m in a 10 m distance comes very close to the needs of the radio amateurs.

Chris Verholt, OZ8CY EMC WG Chairman forwarded a message to the

SE35 Chairman on behalf of the IARU, supporting a radiation limit of 0dBuV/m in a 9 kHz bandwidth measured at a 10 m distance. Moreover, EUROCOM asked the IARU member societies in the European Union to mail a message with the same content to the SE35 Chairman. The time limit to develop an acceptable text and the time to support this action was very short. In 3 days, 10 societies mailed on behalf of the individual societies the following message:

Dear Sir,

<.....Society's name.....>, a member of the International Amateur Radio Union, is the national society of the amateur radio licensees in <.....country.....>.

An important issue for the protection of our radio service is presently discussed in the ERC-SE35 working group you are chairing. We gratefully accept your offer to express "non-administration views" on the subject of radiation limits for wired communication networks. To protect the amateur radio service, any additional noise caused by the radiation of wired telecommunications networks should be as low as possible above the natural noise level. A radiation level, which comes very close to this requirement, is a level of 0dBuV/m in 9 kHz bandwidth measured in a 10 m distance. We support such a proposal.

Best Regards.

<.....name and office.....>

On behalf of the many amateurs, EUROCOM Chairman Gaston Bertels, ON4WF extended in EUROCOM News 1101 special thanks to DARC, EDR, RL, RSGB, NRRL, REF, SSA, UBA, URE and VERON for this significant contribution.

"To register such a co-ordinated effort at so short notice is most gratifying and augurs well of the spirit of co-operation of the IARU societies within the European Union". With these words,

Gaston ended his short report in his EUROCOM News on this matter.

This little project was one more mosaic piece, to make step by step a picture of an amateur radio service protected against PLT.

(Contribution by Karl DK9HU)

CORRECTION TO THE NOTES ON THE APRIL 2002 EC MEETING

Communication of the IARU R1
Treasurer

In the July Region 1 News concerning the EC Meeting in Oman, there was a comment about correspondence between the Treasurer and the Chairman of the Financial Advisory Group. This minute was inaccurate. It was meant only to relate to one document sent in early 2001 which, it now appears, was not received by the Chairman of FAG apparently because of technical problems with the Region 1 Treasurer's computer.

We therefore withdraw unreservedly the allegation that the Chairman of the FAG has not been responding to correspondence.

We apologise for the inconvenience.

MEMBER SOCIETY NEWS

Please visit the IARU Region 1 Web and check the details published on your society in the section member societies. Please send corrections to iaru@intekom.co.za

CHANGED MEMBER SOCIETY
DETAILS:

BFRA
BULGARIAN FEDERATION OF RADIO
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Pandurski No 1, block 31, room 407.
Telephone: +359 2 9493 319.
Fax: +359 2 9801458 (at HQ).
Secretary: Mrs Zdravka Buchkova,
LZ1ZQ. Email: lz1zq@yahoo.com
IARU Liaison: Mrs Zdravka Buchkova,
LZ1ZQ

URA
New web address: www.ura.ad

TRAC
Telsiz ve Radyo Amatorleri Cemiyeti
(TRAC)
Following Board Members have been
elected for a two years period :

President: Aziz SASA , TA1E
<e-mail : ta1e@trac.org.tr
Vice President (Administrative):
O.Faruk Ozler, TA9A
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A.Cem CEZALÍ, TA1S
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Secretary: Muhsin BOZKURT , TA4E
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TA2NE, A. Omer YARDAS, TA3AK,
Mert ANAKCILARLI, TA2CFM (ARES
Officer)
Emin B. DEMİREL,TA2FE, A. Kadir
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Pitcairn Island Admitted
Voting has been completed on a
proposal to admit the Pitcairn Island
Amateur Radio Association (PIARA) as
a member of the International Amateur
Radio Union (IARU). PIARA has been
notified of its admission effective 15
November 2001.

PIARA is an independent non-profit
organisation to promote and develop
amateur radio friendship, technical
knowledge, and communication
technology, providing public service and
furthering the public interest, plus
fostering international goodwill. It has
10 members, representing the entire
population of resident amateur
operators. PIARA reports that there are
23 amateurs licensed to operate
including several temporary residents
and visitors, plus one club station.
Amateur Radio has special significance
on Pitcairn Island, as it continues to
provide the main communications link to
the outside world.

Pitcairn Islands (including Pitcairn,
Henderson, Ducie, and Oeno Islands) is
an overseas territory of the United
Kingdom. The application for IARU
membership by PIARA is supported by
the Radio Society of Great Britain
(RSGB). Due to transport difficulties
from and to Pitcairn, PIARA has
requested that the RSGB continue to
represent PIARA at IARU Region 3
Conferences.

The official address of PIARA is: P.O.
Box 88, Adamstown, Pitcairn Island,
South Pacific Ocean via New Zealand.

The IARU now has members in 151
countries and separate territories.

IS YOUR SOCIETY SUPPORTING IARUMS?

To find out more about the IARU
Monitoring System and how your
society should be supporting it to
keep our frequencies clear of
unauthorised users visit the IARU
Region one web site and follow the
link to the IARUMS web pages.

The IARUMS web has a number of
interesting reports and documents
which will assist your society to
make a meaningful contribution.

www.iaru-r1.org

Do you have news?

The next IARU Region 1 News will
be out in early January 2002. Please
send your contributions to:

IARU@intekom.co.za Please mark
the subject: **IARU R1 NEWS.**

The deadline is 27 December 2001

Please note that statements made or
opinion expressed in this journal do
not, unless otherwise stated, necessarily
reflect the views of the IARU Region 1
Executive Committee".

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