

# ***EURO DX***

*Journal of the European DX Council*

## ***Final Issue***

*SG Luigi Cobisi and ASG Paolo Morandotti completed their term on December 31<sup>st</sup>, 2003. Two successive votes proposed a new organization for the Council, now undergoing a statutory revision with the help of a special commission. Luigi and Paolo accepted a interim mandate to keep information channels open to all member clubs. This issue of Euro DX is a part of the interim operations. Subscribers and Member Clubs will be later noticed about the next developments in EDXC operations as well as their duties as members. Annual fees collecting for 2004 is not a part of the interim mandate. New statutes will regulate the matter.*

## ***In this issue:***

- ***The Future of the EDXC, the Vote, the Situation***
- ***Web Sites and Logs Standards – A EDXC Recommendation***
- ***Powerline – Concerns also in the USA.***
- ***Updating Club Datas***

## ***The Future of the EDXC***

### ***Foreword - The SG Report at Koenigstein Conference about Present and Future of the EDXC***

EDXC Secretary General Luigi Cobisi submitted at the end of the Conference his report. He acknowledged the presence of 11 out of 17 member clubs but he also

focused his speech on the necessity of enlarging the membership, possibly to individuals who show to share the aims of the Council. Many clubs seem so deep engaged in their own internal matters as well as suffering of dwindling membership that only a few of their members are really taking part in the EDXC matters. Unfortunately some member clubs seem to suffer a deep lack of organisation as their interests eventually concentrate on own editorial matters. In a more united Europe the only real difference still is the language. Bulletins report more or less about the same news, proposing them in the main language of their readers. This reduces the international operations of member clubs leaving the EDXC in a minor place.

Member clubs yet represent around 4-5,000 dxers everywhere in Europe. The Council has a very poor budget and Clubs seem not have any willingness to pay more for it. Euro DX has only a few subscribers (nine, they were only six a year ago) and other financing is very unlikely. HQ eventually succeeded in increasing the equity of the EDXC of Euro 227,79 in retained funds 2001 and 2002.

Under these circumstances SG and ASG continue on doing their best to manage the Council and promote dxing by different means and during their three year term ASG Paolo and SG Luigi concentrated their activity on information and contents-sharing using radio as well as internet as the

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best ways to make dxing attractive to everyone. The EDXC proved to be an important “trade mark” .

They also understood the EDXC is animated by a group of people – much more than by a group of clubs – sharing a common ideal. These people are the real asset of the Council. The EDXC should be open to them in an appropriate form.

## ***2001-2003 Highlights***

- Improvement the use of the Internet (the EDXC portal has been completed and has received more than 70,000 visits in 15 months); anyone wishing to post news over there is welcomed.
- Promotion of dxing with radio interventions and interviews (we went on the air in English, German, Italian, Spanish via TRT, AWR, R.Vlaanderen Int, R.Romania Int., VoMediterranean, R.Budapest, Vatican Radio, Radio Netherlands).
- Defense of international broadcasting (interventions were made for R.Finland, interview on YLE TV2 and for Radio Austria International, unfortunately unsuccessfully but it's important to notice campaigns promoters looked for the support of the Council. Radio Budapest reopened their Spanish, French and Italian broadcasts in 2002 and as from 1.1.2004 Austria broadcasts a Spanish newscast again).
- Reporting about the Council activities (each month to the Clubs via the list; each month to dxers around the world via HCJB DX Partyline).
- A Spanish edition was added in 2003 to the monthly European Report as a part of “Aventura DX” (DX Programme of the Spanish Section of HCJB) prepared by AER in Madrid.
- publishing Euro DX;
- visiting clubs as we did in 2002 with AIR (April) Amitié (May) and ADDX (September) and in 2003 (DSWCI);
- Co-operating with SDXL in Helsinki and RMRC in Germany for Conferences 2002 and 2003.
- Co-operating with VoM in Malta for the Forum “Multilingualism and International Radio” planned Oct. 24<sup>th</sup>-27<sup>th</sup>, 2003 as a second EDXC event in a year.
- Powerline Report 2001 was a base for further comments, studies and discussion all over the world.
- Donation to archives in Malta and Vienna of valuable DX publications and archive items from the HQ.

## ***Elections Failed – Time is now to Renovate the Council***

Elections were planned according to our by-laws concerning the charges. According to the Statutes of the EDXC as approved in 1998, article 9 § a) “A Dixer from any Member of the Council shall be elected Secretary

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General or Assistant Secretary General for a period of three years only.” Following §b) says “The Auditors with a working period of three years shall be elected by the EDXC. The Auditors ... shall ensure that the Statutes of the EDXC are not violated”.

On Nov. 2<sup>nd</sup>, 2003 SG Luigi Cobisi called for Candidatures as follows: “Electoral procedures for EDXC officials 2004-2006 started November 2nd. Clubs are invited to propose candidatures before November 23rd, 2003.

To all full member clubs

Starting today and until November 23rd, 2003, all member clubs are requested to express their candidates to EDXC officials for the period 2004-2006.

Posts to be elected according to the statutes of the EDXC in the next month of December are:

Secretary General 2004-2006

Assistant Secretary General 2004-2006

Two Auditors 2004-2006.”

On Nov. 28<sup>th</sup>, 2003 it was clear no candidacies were expressed by member clubs and EDXC Officials issued the following notices:

Dear Friends,  
as the deadline for candidatures (last Sunday Nov. 23rd) expired without any candidatures were reported for the posts of SG and ASG 2004-2006, Paolo and I asked the Auditors for an interpretation of the situation.

The following is their report asking for a vote, I'm now asking clubs to express to sg@edxc.org before December 19th, 2003. Please notice each question is addressed to a specific group of clubs.

The questions are:

- 1) To those members who have paid membership fee for 2003 is now: »Shall clubs not having paid their fee for year 2003 have the right to participate in a voting, before their paid fee has been received by the SG ?»
- 2) To all Full Members: »Is there a need for the EDXC in the future in its present form ?»
- 3) To all Full Members: »Is there a need for the EDXC in the future in a new form ? Just answer with yes or no.

Consequences of the results are clearly expressed by the auditors in their report. Thank you for your vote on this crucial matter.

Best 73's,

Luigi Cobisi

EDXC Secretary General

Full text of the Auditors Report -  
Consequences of the results of voting.

Auditors of the European DX Council

Anker Petersen Kaj Bredahl Jørgensen

Udbyvej 11 Tavleager 31

DK 2740 Skovlunde DK 2670 Greve

Denmark Denmark

November 28th, 2003

To the Members of the European DX Council.

Introduction

On November 24th 2003, the Secretary General of the European DX Council (EDXC) informed us that no proposals had been received from its Full Members with candidates for new Secretary General (SG) and Assistant Secretary General (ASG) when the present period in office runs out by the end of December 2003.

According to the present Statutes of the EDXC, Article 9 (b): »The Auditors shall audit the Accounts and shall ensure that the Statutes of the EDXC are not

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violated», we have therefore looked into the procedure followed so far and have some additional comments. The new situation was not foreseen when this version of the Statutes was agreed upon in 1998.

## Procedure

On August 17th, 2003, at the EDXC Conference in Königstein, Germany, in his report the SG referred to the Statutes, Article 9 (a): »A Dixer from any Member of the Council shall be elected Secretary General or Assistant Secretary General for a period of three years only.« Luigi Cobisi and his assistant Paolo Morandotti have been leading the EDXC since January 1st, 2001, so the member clubs were invited to present candidates this autumn, and then a voting would take place. This follows the same procedure as Risto Vähäkainu used three years ago when he was SG.

In his monthly electronic newsletters dated September 20th and October 7th, 2003, the SG again announced that in November candidatures would be called with elections in December. In the latter newsletter, he further stressed: »Please ensure that your club has regularly paid its annual fee in accordance with its membership, i.e. votes available for each club.«

Thus on November 2nd, 2003, the SG called for presenting candidacies for the period 2004-2006 in a message in the official EDXC Mailing List ( c/o majordomo@kotalampi.com ) with deadline for replies on November 23rd, 2003. The voting was planned to take place in December 2003. As auditors we find that the SG completely has followed the procedures, the Members previously have agreed upon.

## Voting rights

According to the EDXC Statutes, Article 4, only Full Members have voting rights:

Full Members are: »Any umbrella organization of DX clubs with headquarters in Europe, or any DX club with headquarters in Europe having at least twenty (20) individuals as members residing in Europe and paying a regular membership fee to the Club, and being willing to promote the aims of the EDXC.....

Any DX club or other organization connected with the DX hobby, shall be entitled to become Observer Member of the EDXC without voting rights.

No DX club or other organization can become an Observer Member or a Full Member of the EDXC without paying a Membership Fee.»

According to Article 9: »The Secretary General and the Assistant Secretary General shall be strictly neutral and independent and shall have no voting rights.«

To our knowledge, the following DX organizations or DX clubs are Full Members of the EDXC as of November 2003:

Asociación DX Barcelona, Spain  
Asociación Española de Radioescucha, Spain  
Associazione Italiana Radioascolto, Italy  
Club Amitié Radio, France  
Czechoslovak DX Club, Czech Republic  
Danish Shortwave Club International, Denmark  
Dansk DX Lytter Klub, Denmark  
Hungarian DX Club, Hungary  
Irish DX Radio Club, Ireland  
Rhein-Main-Radio-Club, Germany  
Sveriges DX-Förbund, Sweden  
Suomen DX-Liitto ry, Finland  
Worldwide DX Club, Germany.

We are deeply concerned that four of these Full Members not yet have paid their annual membership fee to the EDXC which cannot be run without this financial

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support.

Our question to those members who have paid membership fee for 2003 is now:

»Shall these other clubs have the right to participate in a voting, before their paid fee has been received by the SG ?»

Future need for the EDXC ?

The absence of candidates for new SG/ASG, the omission by some clubs to pay their annual membership fee and the absence of invitations to an EDXC Conference in 2004 are just indications that there is a downward interest for the EDXC, as it is. Nowadays, the quick exchange of valuable DX-information via the Internet between active DX-ers seem to fulfil some of the aims of the EDXC. This is also a serious threat to the DX-clubs, so in most cases club activities get the highest priority at the expense of support to the EDXC.

The question to all Full Members is therefore: »Is there a need for the EDXC in the future in its present form ?»

If the answer is »YES», the clubs must also be willing to solve the SG/ASG candidacy problem, even if it is necessary to deviate from the present Statutes. Examples could be that an Observer Member proposes candidates, or the present SG/ASG are reelected, if they are willing to be so. It is a majority of the Full Member votes that have introduced the Statutes, and it is in our opinion also a simple majority that can accept a deviation, if needed, because the Statutes do not cover the present situation.

If a »new» EDXC should be created which can continue some of the present activities, including the popular, annual Conferences, a new set of aims and rules of business for the EDXC has to be developed, probably by a »Statutes working group» as previously done, and set down by the SG

during December 2003. But that is a lengthy, however not impossible process.

The question to all Full Members is therefore: »Is there a need for the EDXC in the future in a new form ?

If both answers are »NO», then the present EDXC should be dissolved as of December 31st, 2003.

Our message is then to each Member using some famous words of former President John F. Kennedy:

»Do not ask »What can the EDXC do for YOU ?», - but ask: »What can YOU do for the EDXC ?»»

Recommendation

As Auditors we recommend the SG to make a voting amongst all Full members within three weeks on the three questions, we raised above. It should be debated and done through the official EDXC Mailing List, because the time is short.

Best 73,

Anker Petersen

Kaj Bredahl Jørgensen

After this proposals Luigi and Paolo informed the members, always keeping in touch with the auditors. Their notes:

Dear Friends,  
following the lack of candidacies SG and ASG informed the auditors about the situation. Auditors proposed a vote about the future of the EDXC which took place earlier in December, ending on Friday 19th. Six out of 13 full membership club participated in the vote. Results were submitted to the Auditors and are hereby made public.

ADXB (2 electoral votes) not voted timely but expressed later they agree with vote NO, NO, YES, respectively. Of course their vote has not been counted.

AER (2 electoral votes) voted NO YES

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NO but later corrected into NO, NO, YES.  
The rectification didn't change the results.  
AIR (4 electoral votes) DSWCI (3) HDXC (1) voted NO, NO, YES.  
DDXLK (1) voted NO to the second, YES to the third question but abstained on q.1.  
SDXL (4 votes) voted YES to both q. 2 and 3 but abs. on q.1.  
A clear majority (13 votes vs. 2) backed the proposal of a new EDXC.  
Some also made their own proposals and comments. Auditors were informed and after contacts with Anker Petersen, Paolo and I received the following comments and proposals resuming the next steps:

\*\*\*\*Comments to the latest voting

It is disappointing that only six out of 13 Full Member Clubs did cast their votes in the crucial voting which was initiated in the SG Newsletter of 28 November 2003. However, all those Clubs who have paid their membership fee for 2003 can still participate in the coming work.

As the EDXC Statutes are now, simple majority of the votes cast applies for this kind of voting according to Article 10. Question 1) To those members who have paid membership fee for 2003: »Shall clubs not having paid their fee for year 2003 have the right to participate in a voting, before their paid fee has been received by the SG ?»

Answer: YES: 0 votes. NO: 10 votes. Abstentions from two clubs (5 votes).  
Comments: A clear NO. However, only clubs who had paid their membership fee for 2003 did vote.

Question 2) To all Full Members: »Is there a need for the EDXC in the future in its present form ?»

Answer: YES: 7 votes. NO: 8 votes. Abstentions: Nil.  
Comments: Nearly even YES and NO, but by simple majority the result is a NO. All those who voted NO here, did vote YES to the next Question.

Question 3) To all Full Members: »Is there

a need for the EDXC in the future in a new form ?

Answer: YES: 13. No: 2. Abstentions: Nil.  
Comments: A clear YES.

Conclusions

This voting and the lack of candidatures for SG and ASG for the next three years have lead to the following conclusions:

1. No Full Member Club has voted for the dissolution of the EDXC.

2. A large majority of the voting clubs wants a new set of aims and rules of business for the EDXC to be developed as soon as possible in order to comply with the needs of the European DX-er in Year 2004.

3. The EDXC will therefore continue after 31 December 2003 with an interim management whose primary task is to organize a »Statutes Working Group» and a voting on its recommendations.

4. If possible, the »Statutes Working Group» shall propose amendments to the EDXC Statutes within three months. Then there shall be a voting amongst Full Member Clubs on these proposals. Such a voting requires 75 % majority of the votes cast, according to Article 13.

5. AER and AIR have proposed that Luigi Cobisi and Paolo Morandotti continue as SG/ASG in this interim period, since there were no other candidates. Anker Petersen and Kaj Bredahl Jørgensen have also accepted to continue as auditors.

6. Each Full Member Club who has paid its membership fee for 2003 is hereby invited to appoint a member to the »Statutes Working Group» which shall start its work by 01 February 2004.

7. The Chairman of the »Statute Working Group» will be appointed amongst its members.

8. The names of these members should be sent to sg@edxc.org before 17 January, 2004.

9. Any constructive proposal to the working group regarding the future EDXC, also from Observer Clubs and individual DX-ers, is welcome at the same

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time.

Member Clubs are still welcome to offer the arrangement of an EDXC Conference in 2004 or 2005.

End of Quotation\*\*\*

In accomplishment with EDXC Statutes Paolo and I will end our mandate on December 31st, 2003 and remit our Final Report to the Auditors. A final issue of "Euro DX" will be sent to subscribers and member clubs. EDXC mailing list, web portal and P.O. Box will remain available until further notice.

Luigi and Paolo.

In January, following a better expression of proposals from AER and DSWCI a further vote took place. The results were:

The deadline for voting both proposals submitted to Full-Member Clubs expired on Sat. Jan. 17th, 2004.

Voting clubs agreed both on the proposal of AER for SG/ASG interim and the Auditors' about a Commission for a new Statute of the EDXC.

While accomplishing with the tasks of the interim SG and ASG wish the Commission a successful work for a new EDXC.

The final results are as follows:

- 8 clubs out of 13 voted expressing a total of 21 out of 33 electoral votes (58%)
- all voting clubs (AER, ADXB, CSDXC, AIR, DSWCI, HDXC, WWDXC, SDXL) voted yes to the interim of SG Luigi Cobisi and ASG Paolo Morandotti under the present rules;
- all voting clubs except one (SDXL not expressing their vote about this question) voted yes to the Commission for the new Statutes of the EDXC;
- only three clubs indicated their delegates to the Statute Commission, which is therefore formed by Mr Anker Petersen (DSWCI) Mr Tibor Szilagyi (HDXC) Mr Francisco Martinez (AER).

The vote from ADXB arrived only on

Monday January 19th, 2004. Their double "yes" has not changed the results so it was added to this message from HQ as for the record.

SG and ASG have already accomplished with the first tasks of their interim following their statement posted at the end of their mandate:

- Florence P.O. Box will be maintained at least until Dec. 31st, 2004;
- Web Portal and Domain have been renewed until Jan. 10th, 2005;
- The mail list is open and working;
- The final "European Report" via HCJB was aired in the last week end of December.

The final "Euro DX" will be issued in the next weeks and sent to all member clubs and subscribers.

## **EDXC Contacts:** Secretary General

: Luigi Cobisi – E-mail:

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General : Paolo Morandotti – E-

mail: [pmo@iol.it](mailto:pmo@iol.it); Auditors: Anker

Petersen, E-mail:

[anker.petersen@get2net.dk](mailto:anker.petersen@get2net.dk); Kaj

Bredhal Joergensen, E-mail:

[kaj.bredhal@post.tele.dk](mailto:kaj.bredhal@post.tele.dk);

The EDXC Mailing List, the official list to exchange news and opinions about the Council and European Dxing. To subscribe send an E-mail to [majordomo@kotalampi.com](mailto:majordomo@kotalampi.com), only stating in your message: subscribe edxc.

Post Address: The European DX Council (EDXC), P.O.Box 18120, 50129 Firenze, Italy.

Web-Portal: [www.edxc.org](http://www.edxc.org).

The EDXC portal is a interactive means of communications for all members. Just send your news and

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post them on the portal. The portal also reported on a day by day basis the events at the Conference. Monthly SG letter and HCJB European Report are also published.

## **EDXC background Information**

The European DX Council was formed in 1967 in Copenhagen, Denmark. DXers from Denmark, West Germany, Holland, Norway and Sweden had met and decided that co-operation between different DX clubs would be of mutual benefit.

The statutes of the Council states the aims will be: 1) to promote co-operation between European DX organisations (the original concept); 2) to achieve common objectives in the field of dxing; 3) to establish and foster close contacts with other DX organisations throughout the world; 4) to improve contacts between dxers, shortwave listeners, radio stations and other organisations in the field of radio and telecommunications.

The European DX Council is not a DX club but an umbrella organisation of the European DX clubs. The membership of the Council is open to any DX club in Europe having at least 20 members or being an umbrella organisation of domestic DX clubs, and willing to promote the aims of the Council. A member of the Council may select whether it will be a full member or an observer member.

The Council offers a.o. the following

publications:

-EDXC Club List, an annual list of the member clubs of the EDXC (2 Euro in Europe, 2 US\$ elsewhere per copy).

-Reporting Guide giving assistance in writing correct reception reports (4 Euro in Europe or 4 US\$ elsewhere per copy).

-Country Landlist, the record keeping of different countries heard (4 Euro in Europe or 4 US\$ elsewhere per copy).

EDXC Annual Conference is organised annually by a member club of the EDXC. In the past few years the conference has been held in Florence (Italy, 1996), Zlin (Czech Rep., 1997), Gothenburg (Sweden, 1998) Copenhagen (Denmark, 1999), Barcelona (Spain, 2000), Budapest (Hungary, 2001), Pori (Finland, 2002) Koenigstein (Germany, 2003) The conference is open to anybody and it is attended by many broadcasting stations together with Dxers and shortwave listeners around the world.

## **EDXC Web & Logs Data Standards** **A recommendation from the HQ**

The EDXC invites all members club to use a standard fashion to exchange data with their members as well as with other clubs. We recommend two way. The first one is for general news from clubs web sites, the second one for receptions logs only. The recommendation is issued as a part of the operational programme

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2001-2003 by EDXC SG Luigi Cobisi and ASG Paolo Morandotti.

## Technical recommendations

### 1) Web sites

Web sites should export their data using RSS 0.92 or better. As alternative, they should offer a ready-to-include page using HTML 4.0 or better. A lot of web sites are already using RSS with excellent results.

### 2) Receptions logs

In order to promote the exchange of receptions logs, EDXC strongly recommends its members to implement a way to accept and release logs using XML. The EDXC has prepared the following standard DTD:

```
<!--European DX Council's standard DTD for receptions logs exchange - v1.0-->
```

```
<!ELEMENT receptions ((date, from, to?, frequency, station, language, details?, quality, location?, adm, listener))>
```

```
<!ELEMENT date (#PCDATA)>
```

```
<!ELEMENT from (#PCDATA)>
```

```
<!ELEMENT to (#PCDATA)>
```

```
<!ELEMENT frequency (#PCDATA)>
```

```
<!ELEMENT station (#PCDATA)>
```

```
<!ELEMENT language (#PCDATA)>
```

```
<!ELEMENT details (#PCDATA)>
```

```
<!ELEMENT quality (#PCDATA)>
```

```
<!ELEMENT location (#PCDATA)>
```

```
<!ELEMENT adm (#PCDATA)>
```

```
<!ELEMENT listener (#PCDATA)>
```

```
<!ATTLIST frequency mode NMTOKEN #IMPLIED harmonic (yes | no) "no" parallel NMTOKEN #IMPLIED variable (yes | no) "no">
```

```
<!ATTLIST from approx (yes | no) "no" son (yes | no) "no">
```

```
<!--son: s/on? -->
```

```
<!ATTLIST listener fullName NMTOKEN #IMPLIED country NMTOKEN #REQUIRED receiver NMTOKEN #IMPLIED antenna NMTOKEN #IMPLIED>
```

```
<!ATTLIST quality code (SIO | SINPO | SINPFEMO | RST | Q) "SINPO">
```

```
<!ATTLIST station tentative (yes | no) "no">
```

```
<!ATTLIST to approx (yes | no) "no" soff (yes | no) "no">
```

Every club can implement its way to convert well-formed XML files to its own preferred format using other standard (XSL, XSLT) or proprietary technologies.

### Powerline

### Concern expressed by American Listeners and Broadcasters

According to NASB Newsletter received via WMRI's Jeff White, The American Radio Relay League

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(ARRL) -- the association of amateur radio operators in the United States -- called for a meeting on November 7 at the headquarters of the National Association of Broadcasters in Washington. The topic to be discussed was BPL -- Broadband over Power Lines -- and its potential for interference to the HF bands.

NASB strongly supported the ARRL's comments.

Government representatives from DOD, MITRE/DOD, U.S. Army and NSF were also attending the meeting. The Government is funding several studies to determine the effects of BPL on HF communications.

The ARRL rang an alarm bell because they understand the FCC is getting ready to issue a rule-making procedure (NPRM) for BPL during the first quarter of 2004, for the purpose of establishing technical standards in Part 15 of the Rules. But the League emphasized that this has not as yet been confirmed. ARRL feels very strongly that such an NPRM should not be issued until the various ongoing studies are completed, especially those being conducted by Government agencies. The League also said that in their opinion there is a strong position within the FCC, including its chairman, to go forward with BPL as soon as possible. The fear is that an NPRM procedure may end up with less restrictive radiation and interference standards for BPL than those presently contained in Part 15.

A good presentation was made by the ARRL, with samples of BPL interference on the HF bands. The ARRL P.R. consultants reported that there was no evidence yet of financial interest by venture capitalists in BPL. This lack of interest to date was also confirmed by other attendees. The hope here appears to be that if there is no real financial interest in BPL, it may not develop.

Private and governmental studies now in progress. Paul Rinaldo, ARRL Technical Relations Manager presented the following report: An FCC Notice of Inquiry (ET Docket 03-104) encouraged deployment of broadband over power lines (BPL) that complies with existing Part 15 rules. It sought information and technical data to evaluate current BPL technology and determine if changes to Part 15 are necessary to facilitate BPL deployment. The Notice of Inquiry asked 34 questions; most respondents answered none of them, but just provided generalities. The BPL proponents did not provide a technical basis. The ARRL (American Radio Relay League) and a few others gave technical analyses and evidence of interference. As a result, few questions have been answered in the public record. The FCC has granted Part 5 licenses to companies to evaluate BPL on overhead power lines from 1.7-80

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MHz. They include sites close to Potomac, MD; Manassas, VA; Briarcliff Manor, NY; and Emmaus, PA.

FCC rules say that frequency assignments will be made only on the condition that harmful interference will not be caused to any station operating in accordance with the Table of Frequency Allocations. Experimental licenses carry the same condition, subject to immediate shutdown.

The ARRL has conducted BPL field tests in moving and stationary vehicles, using a dipole antenna and four different HF receivers. It has also conducted tests from an amateur station in Potomac, Maryland

with an antenna 12 meters from a power line. The ARRL observed wide-frequency BPL signals at test sites with overhead power lines; less for buried wiring. The BPL signals were detected over the entire HF band. Notches were observed when a HomePlug modem was used. Distances ranged from 12 meters to one kilometer. The BPL signal sounded like staccato "pops" or crackling, normally intermittent but nearly continuous for video streaming. Meanwhile, the NTIA is conducting field tests to measure radiation from several BPL test sites. No information is yet available, but it is assumed the report will eventually be made public. Radio services potentially affected by BPL include:

Amateur Service - These are active users of HF and VHF, typically having close proximity to residential power lines and sensitive receivers. They use frequencies ranging from 1.8-54 MHz.

HF Broadcasting Service - These listeners are also close to residential power lines. They typically listen to frequencies from 4.75-26.1 MHz.

Aeronautical Mobile Service - These users are overhead of power lines where BPL radiation may be the highest. Frequencies used are from 2.8-23.35 MHz.

Fixed and Mobile Services - Some of these stations may be near power lines carrying BPL on frequencies from 1.7-80 MHz. There is potential sky wave return from aggregate effects of widespread BPL deployment.

In summary, we know that BPL systems radiate, but we don't know the distances and patterns. There have been few BPL tests and they have been lightly loaded; we don't know the effects of a fully-deployed system. We know that interference pulse density is proportional to data flow, but we don't know the activity factors for a full-scale system. Testing demonstrates that external wiring (overhead power lines) and house wiring couple to free space, but we don't know the upper and lower bounds of coupling. Tests indicate that radiation is distributed, not point source; we don't know distances and patterns. Therefore, our conclusion is that an unintentional radiator such as BPL

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should not be afforded more interference potential than another radio service -- typically an interference to noise ratio of -6 dB. To do otherwise would turn spectrum management on its head.

## **Updating Club News**

### **BDXC - Benelux DX Club.**

Observer Member Club of EDXC

Year founded: 1961

Postal address: Eskdoarnstraat 21,  
9051 SC Stiens, the Netherlands

Email address: hlouwsma@xs4all.nl

WWW URL: [www.bdxcl.nl](http://www.bdxcl.nl)

Fields of interest: SW MW FM TV  
UTI AERO

Number of members: 400, abroad 25

Club publication: BDXC-Bulletin,  
monthly, 30-40 pages. Logging and  
news in English, articles in Dutch.  
Single copies cost EURO 3,50.

**RMRC** - New address and directors  
of RMRC - a German member of  
EDXC, organiser of the EDXC  
Conference 2003.

RMRC, PF 700849, 60558 Frankfurt

President: Harald Gabler

Vice-Pres.: Markus Weidner

Treasurer: Heinz Schulz

RMRC has some pictures from the  
EDXC Conference 2003 now  
available at their homepage  
([www.rmrc.de](http://www.rmrc.de)). They are also  
looking for some more photos to  
complete their gallery.

If you made some photos, please  
send them...

The 30th RMRC-DX-Camp takes  
place at Naturfreundehaus at  
Wingertskippel in 63505  
Langenselbold bei Hanau (Central  
Western Germany) from 08.04.2004  
to 11.04.2004.

**ADXB 25 Years** - 2004 marks the  
25th Anniversary of our member  
club ADXB in Barcelona, Spain.  
On September 19th, 1979 five dxers  
decided to found the club in  
Barcelona. By november the first  
issue of "En Sintonia" was  
published. It counted on 6 pages  
only and subscription costed 300  
Pts. (about 1.90 Euros!).  
More infos and historical datas  
[www.mundodx.net](http://www.mundodx.net).

**British DX Club is 25!** EDXC Obs.  
Member British DX Club celebrate  
this year its 25th anniversary. The  
club was founded in 1974 as the  
Twickenham DX Club. From local  
roots came rapid expansion to  
become one of the major radio clubs  
in the United Kingdom. The more  
appropriate title of British DX Club  
was adopted in 1979. We now a  
large UK-based membership as well  
as a substantial number of overseas  
members. Further notice  
[www.bdxcl.org.uk](http://www.bdxcl.org.uk)

**DDXLK AGM** - March 20th, 2004  
is the date of the General Annual  
Meeting of EDXC Member, Danish  
DX Lytter Klub.  
The venue is Klarup, Denmark at 14

# ***EURO DX***

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hours Local time on March 20th,  
2004. Further information at the  
Club's web site [www.ddx1k.net](http://www.ddx1k.net).