

EUROPEAN FEDERATION OF CORROSION
EUROPÄISCHE FÖDERATION KORROSION
FÉDÉRATION EUROPÉENNE DE LA CORROSION



BOARD OF ADMINISTRATORS

Budapest, Hungary

September 28, 2003

WORKING PAPERS

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WORKING PAPERS

Meeting of the Board of Administrators

of the

European Federation of Corrosion

Budapest, Hungary, September 28, 2003

Venue of meeting: **Budapest Congress Center
Jagelló út 1-3
1123 Budapest
Hungary

Room Liszt**

Date and time of meeting: **Sunday 28 September, 3.00 p.m.**

Chairman: **Mr Don Harrop (EFC President)**

Secretary: **Ms P. Bridou (Paris Office)**

**EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
BUDAPEST, 28 September 2003, 3.00 p.m.**

AGENDA

- Item 01 Opening of the meeting
- Item 02 Apologies for absence
- Item 1 Approval of the Agenda and Adoption of the Minutes of the Last Meeting of BoA
- Item 2 Report on STAC activities
- Item 3 Role of the EFC in Certification
 - 3-1 Progress on Mentor C: Project on Training and Certification
- Item 4 Liaisons with other organisations
 - 4-1 EFC/NACE Collaboration
 - 4-2 FEMS
- Item 5 Proposals for Future Organisation of EUROCORR
- Item 6 EUROCORR Series
 - 6-1 EUROCORR 2003
 - 6-2 EUROCORR 2004
 - 6-3 EUROCORR 2005
 - 6-4 EUROCORR 2006
 - 6-5 EUROCORR 2007
- Item 7 Finance
 - 7-1 Member Society Contribution Rates
 - 7-2 Honorary Treasurer's Report
- Item 8 EFC Activities and Projects
 - 8-1 Scientific Secretary's Report
 - 8-2 EFC Publications
 - 8.3 EFC Web Site
- Item 9 EFC Calendar of Events
- Item 10 Administrative Matters
 - 10-1 Opportunities for EU funding of EFC activities
 - 10-2 EFC Awards for 2003
 - 10-3 EFC Awards for 2004
 - 10-4 EFC registered office
- Item 11 Any other Business
 - 11-1 Progress on Reactivation of WP 2 on "Corrosion and Protection of Steel Structures"
- Item 12 Date and Place of next BoA

WORKING PAPERS OF THE EFC BOARD OF ADMINISTRATORS

Item 01 Opening of the meeting

Mr. Harrop, President of the EFC, chairman of the meeting, will welcome delegates.

Item 02 Apologies for Absence

Ms. Bridou, Paris Office, will announce apologies for absence.

Item 1 Approval of the Agenda and Adoption of the Minutes of the last Meeting

1-1 BoA members are asked to approve the proposed agenda.

1-2 BoA members are asked to approve the minutes of the Frankfurt meeting (24 February 2003) and to raise any matters not covered in the present agenda.

Item 2 Report on STAC Activities

Mr Vogelsang, Chairman of STAC, will review progress in STAC since the last meeting.

Item 3 Role of the EFC in Certification

3-1 Progress on Mentor-C Project on Training and Certification

The Scientific Secretary will review progress on the Mentor C Project (see Appendix 1).

Item 4 Liaisons with other organizations

4-1 EFC/NACE (National Association of Corrosion Engineers) Collaboration

During the last BoA meeting in Frankfurt, on February 24, 2003, the BoA gave its approval for the EFC President to sign the EFC/NACE Agreement provided that no further changes to the text were requested by NACE.

Appendix 2 provides the agreement which was signed on the occasion of the NACE meeting in San Diego in March.

4-2 FEMS (Federation of European Materials Societies)

The aim of the EU-supported MatNet project, administered by FEMS, was to establish a lively network to promote and facilitate communication and cooperation between the ten participating societies, of which the EFC is one. EFC proposed the formation of network concerned with materials for waste incinerators, led by Prof. H. J. Grabke. Preliminary meetings had taken place and plans had been made to hold a MatNet workshop on the topic in May 2003. Unfortunately, at a late stage it was discovered that the funds that

were available from the EU would meet only 70 % of the costs of the workshop and Professor Grabke felt obliged to cancel the meeting (see **Appendix 3**).

Item 5 *Proposals for Future Organisation of EUROCORR*

Following previous discussions about the future organisation of EUROCORR during the BoA meetings in Granada last September and in Frankfurt during February, an action was placed on EFC President to work with the Frankfurt Office to draft proposals for the establishment of a central EFC Congress Secretariat based at the Frankfurt Office (see minutes of Frankfurt BoA meeting, item 4-1).

Appendix 4 provides a “Proposal for the Future Organisation of EUROCORR” and BoA Member are requested to consider this proposal with attention for discussion in Budapest.

If this proposal accepted by the BoA, it will be submitted to the General Assembly for approval.

Item 6 EUROCORR Series

6-1 *EUROCORR 2003*

Mrs Kálmán will report arrangements for the forthcoming EUROCORR 2003 in Budapest.

6-2 *EUROCORR 2004*

EUROCORR 2004 will be held in France, in Nice Acropolis, on **12 - 18 September 2004**, and co-organised by both of the French EFC Member Societies, CEFRACOR and SCI. The general theme will be “**Prediction and Modelling of Corrosion**”.

Mr. Berge will present the preliminary arrangements for EUROCORR 2004.

6-3 *EUROCORR 2005*

EUROCORR 2005 will be held in Lisbon, on **4 - 8 September 2005**.

Prof. Mario G. S. Ferreira will provide a report on the preliminary arrangements for EUROCORR 2005.

6-4 *EUROCORR 2006*

By the deadline of 31st December 2002, bids to host EUROCORR 2006 were received from Netherlands, Serbia, Turkey and UK, see Appendix 2 of the Minutes of the last BoA. Serbia has since withdrawn its offer due to concerns over financing of the arrangements within the available timescale (**see Appendix 5**).

The EFC President has invited bidders to present their proposals to the BoA meeting in Budapest, where the host society for EUROCORR 2006 will be chosen.

In order to facilitate the comparison of the different bids for hosting EUROCORR 2006, all remaining bidders will be asked to present full details of their proposals, including venue, dates and arrangements for the meetings of STAC, BoA and the GA during this meeting of BoA.

6-5 *EUROCORR 2007*

Members are reminded that bids to host EUROCORR 2007 should be submitted in writing to the Scientific Secretary **by 31st December 2003**.

Item 7 **Finance**

7-1 *Member Society Contribution Rates*

During the last BoA meeting in Frankfurt, the situation concerning EFC Member Society contribution rates was discussed in some detail (see item 5 of the minutes). The main points which emerged of the discussion were as follow:

- the sub-division of EFC Members Societies into 3 different groups is based on somewhat arbitrary criteria;
- the levels of contribution do not really reflect the extent of involvement of the EFC Members Societies in the field of Corrosion;
- economic differences between western and eastern European countries are becoming less pronounced as Europe develops.

Proposals would be presented for the progressive harmonisation between now and 2007 of the contribution rates for all member societies to a single rate. The BoA Members in Budapest will be requested to establish appropriate levels of EFC Member Society contribution rates to meet the EFC's budgetary requirements for the period 2005-2007.

The decision will be submitted to the General Assembly for approval.

7-2 *Honorary Treasurer's Report*

EFC Honorary Treasurer will present the EFC Financial report (see **Appendix 6**). This presents the Statement of Accounts for 2002 and the proposed budget for 2004.

BoA is invited to approve the Honorary Treasurer's Report.

Item 8 **EFC Activities and Projects**

8-1 *Scientific Secretary's Report*

The Scientific Secretary will present his report covering activity since the last meeting of BoA in Frankfurt on 24 February.

BoA is invited to approve the Scientific Secretary's Report (see **Appendix 7**).

8-2 *EFC Publications*

The Scientific Secretary will report on recent additions to, and new titles currently in preparation, in the EFC Series (see **Appendix 8**).

8-3 EFC Web Site

During the previous BoA meetings, it was decided to enlarge the EFC Web Site with material relating to Working Party activities. A special item has been included in the agenda of the STAC in order to define what each WP could publish on the web site.

Progress on the possible evolution of the web site will be reported.

Item 9 EFC Calendar of Events

The Scientific Secretary will introduce an update of forthcoming events in the EFC Calendar, which now includes important non-EFC events (see **Appendix 9**).

Item 10 Administrative Matters

10-1 Opportunities for EU funding of activities

During the last BoA meeting in Frankfurt, Mr Meier advised the BoA that the ERA-Net scheme, which is part of the EC's 6th Framework Programme, could provide a good opportunity for the EFC Member Societies to obtain support for participation in EFC activities such as working party meetings and workshops.

Mr Meier will outline the current situation regarding ERA-NET.

10-2 EFC Awards for 2003

Three awards will be presented during EUROCORR 2003:

- the European Corrosion Medal, Jury Chairman Dr. Jörg Vogelsang,
- the Kurt Schwabe Prize, Jury Chairman Dr. Erika Kálmán,
- the Martí i Franqués Medal, Jury Chairman Prof. José M. Costa.

The Chairmen of the Juries will announce the winners of the awards.

10-3 EFC Awards for 2004

The Cavallaro Medal, which is usually awarded every two years by the University of Ferrara, is scheduled for presentation at EUROCORR 2004 in Nice. Action is needed to confirm that the "Aldo Dacco" Study Centre on Corrosion of the University, intends to present the medal again next year and, if so, to seek from the Member Societies.

Members of the Board will be invited to suggest ways further to enhance the effectiveness of the procedures currently used to solicit nominations.

10-4 EFC registered office

An action was placed on the EFC President to inform the official journal about the transfer of the EFC's registered office from Branche Belge to CEBELCOR was continued.

The President will report on progress on this action to be also announced at the General Assembly.

Item 11 Any other Business***11-1 Progress on Reactivation of WP 2 on “Corrosion and Protection of Steel Structures”***

During the last BoA meeting in Frankfurt, Scientific Secretary reported that Prof. Darowicki would be organising a meeting in Budapest during EUROCORR 2003 to allow full discussion of the reactivation of WP2 and its future programme.

A “Round Table” discussion about the reactivation of WP 2 will take place during EUROCORR 2003 in Budapest on Monday 29 September. The proposed agenda for the meeting, which is to chaired by the EFC Scientific Secretary, is given in Appendix 10.

Item 12 Date and Place of next BoA

The next BoA meeting will be held during spring 2004, at a date and place to be announced later.

APPENDICES

Progress in Mentor-C: Vocational training in corrosion engineering

Mentor-C is an ambitious three-year programme being led by Professor Walter Bogaerts, Chairman of the EFC Task Group on Computer Applications. The aim is to produce multi-media, multi-level, multi-module, multi-lingual distance learning materials for use in both tutored and untutored courses directed towards technicians, engineers and other specialists requiring vocational training in corrosion. KU Leuven is the promoting organisation for the work but there are six other partners, together with an industrial support group, which includes several companies. The main partners are:

- CoRI - Coatings Research Institute, Limelette, Belgium;
- Corrosion and Protection Centre, UMIST, Manchester, UK;
- DECHEMA eV, Frankfurt, Germany;
- EFC - European Federation of Corrosion, London Secretariat, UK;
- ISQ - Instituto de Soldadura e Qualidade, Oeiras, Portugal;
- NACE - International, European Region, Dudley, UK.

The project is receiving support amounting to €620,000 from the European Commission in Brussels under the second phase of the Leonardo da Vinci Community Vocational Training Action Programme. Of this sum, €31,270 is earmarked to cover EFC activity. The official start date was 1 December 2001 and the project is due for completion on 30 November 2004. At the kick-off meeting in March 2002, representatives of six of the seven participating organisations met to appoint Walter Bogaerts as the Project Manager/Chairman of the Steering Committee and Paul McIntyre as Scientific Secretary for the Project. After discussion of various administrative matters, the rest of the kick-off meeting was devoted to detailed planning of the six main work packages.

WP1 concerns the development, adaptation and testing of software platforms to be used for delivering the learning materials to the web or on CD-ROM/DVD. A special technical meeting involving personnel from KU Leuven and UMIST took place on 31 May 2002 to decide which types of software would be used in the project. The software has to accommodate different (separate or interacting) course modules, each with specific multi-media and web-based interactions, including simulated field experiments or laboratory tests. It also has to allow for students studying at different levels and should provide for multi-lingual capabilities. It was decided that two software systems would be used, HTML and the latest version of Toolbook version 8.5, a commercial product. It was also agreed that the course material would be produced at three different levels capable of use in both supervised and unsupervised applications:

- 1) Technician level - to provide corrosion technicians with a basic overview of the theoretical and practical aspects of corrosion along the lines used by NACE in its Basic Corrosion Course. To be taught at below University level, this will be produced initially in three different languages: English, German and Portuguese.
- 2) Engineer Level - to provide corrosion engineers with a short introduction to the science behind corrosion (including corrosion processes and mechanisms), together with a link to practical engineering information. To be taught at BSc/MSc level in English only to people from industry or academia, this will follow the approach adopted at UMIST for its introductory module 0, with additional resources from KU Leuven, such as its "Corrosion Coursebook".
- 3) Expert Level - to provide those contemplating a PhD on corrosion or a career as a corrosion specialist with in-depth fundamental/technical knowledge on specific

corrosion topics. To be taught in English only, this would follow the approach used in the latest edition of “Corrosion” edited by Shreir, Jarman and Burstein.

WP2 relates to the development of the content of the Mentor-C course and was discussed at the second Project Management Meeting at CoRI in Limelette, Belgium, on 28 November 2002. A “Course Model” was developed in the form of a generic Table of Contents for a general corrosion course with three separate tracks colour coded green for Corrosion Technicians, yellow for Corrosion Engineers and blue for Corrosion Experts. At each level, up to five major aspects can be covered in appropriate ways:

- a) Introduction to the different forms of corrosion and basic theories
- b) Corrosion types and mechanisms
- c) Corrosive environments
- d) Materials and their performance
- e) Corrosion prevention and protection methods

For example, at the Technician level, there will be 4 units:

- 1) Introduction and forms of corrosion
- 2) Electrochemistry and corrosive environments
- 3) Engineering materials and stainless steels
- 4) Methods of corrosion control

In addition, at the Expert level, there will be a number of specialist Mentor-C modules on specific topics (to be developed in WP3) to train corrosion specialists in particular aspects of corrosion and corrosion protection technology that are relevant to their interests.

The Course Model is structured in such a way that a keen technician can find more detail by consulting the yellow (“Engineer”) or blue (“Expert”) tracks.

In order to make the course materials visually attractive, particularly at the technician level, use will be made of extracts from the EFC videos and animations. Individual modules will take about 30 minutes to complete, and will include activity-based learning exercises. Each module will be backed up by quizzes and more formal tests to ensure that the information has been understood and retained properly.

The main activity in putting together the course content at each level is progressing now at both KU Leuven and UMIST and the initial phase is due for completion by the end of the year. Any adaptation needed after preliminary evaluation of the course materials will be undertaken towards the end of the project.

WP3 covers the development of specialist Mentor-C modules. Four of these are being built, each by a different partner, as shown below:

- 1) Materials selection (Dechema)
- 2) Coatings (CoRI)
- 3) Weld-related corrosion (ISQ)
- 4) Failure Analysis (KU Leuven)

These modules are due for completion by mid-2004, but will be subjected to preliminary review within the project team by the end of the year.

WP4 covers the conversion of all resource documents into the appropriate electronic format for inclusion in the web and CD-ROM based course materials. The EFC films have already been digitised from the original Betacam video to the mini-DV format. Hardcopy written materials are currently being converted from the original texts to the HTML format. Finally, KU Leuven, Dechema and ISQ are translating the materials for the Technician level course into French, German and Portuguese, respectively.

WP5 is concerned with the testing of the course materials developed during the Mentor-C Project by potential end users in industry and academia. This is scheduled to take place during the final year of the project. Members of EFC Working Party 7, on Corrosion Education and Computer Applications, will be heavily involved in this phase of the project, together with participants in the industrial users' group. The evaluation programme will ensure the successful operation of the course units at all levels from the point of view of both the students and, in the case of supervised applications, their trainers.

Finally, WP6 relates to the dissemination of information about the project. This involves the publication of progress reports in the technical and scientific press (including the EFC Newsletter), the presentation of papers at conferences (including one at EUROCORR 2003 in Budapest), and, when the products are available, demonstrations at meetings and conferences.

The Mentor-C mid-term review meeting took place at ISQ in Oeiras, Portugal, in the presence of Mr Jos Verheyden from the Leonardo da Vinci agency in Brussels on 15 July. This included demonstrations of materials relating to the first three work packages. In connection with WP1, Dr Bob Cottis of UMIST showed web-based material for Engineer-level students that incorporated a final quiz. He also demonstrated a corrosion failure assessment in the HTML format. The content of the basic Mentor-C material being produced at Technician level in WP2 was outlined by Walter Bogaerts. Mr Gervásio Pimenta of ISQ demonstrated progress over the development in WP3 of the specialist module on welds. Progress on the remaining work packages was also reviewed. Mr Verheyden was impressed by what he had seen and concluded that the project is progressing well. He admitted to having felt concern at the outset that the project was a very ambitious one for completion in the time available, but he was reassured by the progress to date.

On eventual completion of the project, the Mentor-C partners, including the EFC will have rights of use of the products for their own purposes (excluding commercial exploitation). Partners who have contributed existing information "background knowledge" will retain the copyright on that contribution. When combined with materials from other partners to form a product it becomes "foreground knowledge" which is under joint ownership (and shared copyright) with the other contributors of material. Any commercial exploitation of the products (such as web-based materials, CD-ROMs, etc.) will be covered by an exploitation agreement, still to be finalised, with a fair share of royalties between those who contributed the background information. Thus, it is anticipated that the Mentor-C course materials will in due course attract wide usage by external course providers as well as those belonging to the consortium. With this in mind, consideration must now be given to the accreditation of the course materials. This activity could be the subject of an extension project in which the members of EFC WP7 "Corrosion Education" would play an important role.



2003-2004 Officers

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JEFF H. LITTLETON **Executive Director** *NACE Headquarters*

March 31, 2003

Paul McIntyre
Scientific Secretary
European Federation of Corrosion
1 Carlton House Terrace
London, England SW1Y 5DB
United Kingdom

Dear Paul,

Enclosed is one original copy of the executed Cooperative Agreement between the European Federation of Corrosion and NACE International for the EFC's files.

This Cooperative Agreement was signed by the Presidents of both societies on Wednesday, March 19, 2003. Photographs taken during this "signing ceremony" will be forwarded to you as quickly as possible and probably via electronic mail.

NACE looks forward to the mutual benefit of this Agreement.

Let me know if you have any questions.

Sincerely,

Jeff H. Littleton
Executive Director

JHL:lc

Enclosure

CC: Don Harrop, President, EFC



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**Cooperative Agreement Between
European Federation of Corrosion
and
NACE International**

Whereas NACE International ("NACE") is an international corrosion engineering association headquartered in Houston, Texas with approximately 15,000 members worldwide and the European Federation of Corrosion ("EFC") is an association of 29 member corrosion societies encompassing approximately 10,000 members in 24 countries throughout Europe.

Whereas NACE and EFC wish to formalize a cooperative relationship that is mutually beneficial to their respective members and that helps to promulgate knowledge and technologies that protect people, assets, and the environment from the effects of corrosion.

1. Cooperation on Conferences and Exhibits

1.1 Registration

NACE International shall provide two complimentary full conference registrations to designated representatives from EFC to attend the NACE Annual Conference and Exhibit held each spring in the U.S.

EFC shall provide two complimentary full conference registrations to designated representatives from NACE to attend each EUROCORR conference.

1.2 Conference Exhibits

NACE shall provide a complimentary 10X10 ft. exhibit booth to EFC at the NACE Annual Conference and exhibit held each spring. Only exhibit space will be provided and all other booth furnishings, shipping, etc. shall be the responsibility of EFC.

EFC shall provide a complimentary 10X10 ft. equivalent exhibit booth to NACE at the EFC Annual Conference and exhibit held each year in Europe. Only exhibit space will be provided and all other booth furnishings, shipping, etc. shall be the responsibility of NACE.

Cooperative Agreement
European Federation of Corrosion and NACE International
Page 2

1.3 NACE/EFC Collaboration Meetings

At each NACE Annual Conference and Eurocorr meetings, the meeting host shall organize a meeting between NACE/EFC representatives to explore current and future collaboration opportunities between the two organizations.

1.4 Collaboration on Running Conferences and Exhibitions

Recognizing that both EFC and NACE share a common goal of promoting corrosion prevention and control strategies, the two organizations agree to explore the development of joint corrosion conferences and exhibits.

1.5 Coordination of Meeting Calendars

EFC and NACE shall strive to avoid scheduling conflicts between major conferences and other meetings. To that end, NACE and EFC coordinators agree to readily inform one another about scheduled conference and meeting dates.

EFC shall submit to NACE all major meeting dates and NACE agrees to incorporate those meetings in the master calendar available on the NACE Internet site. Similarly, EFC agrees to post dates of NACE meetings on EFC's web site. EFC will also encourage constituent societies to post information on NACE meetings on their individual sites.

2.0 Cooperation on Publications

2.1 Member Pricing of Books, Standards and Journal Subscriptions

NACE agrees to provide the same discounted prices provided to NACE members to all members of EFC. EFC shall provide NACE with a reasonable means of verifying membership to EFC constituent organizations. Verification of EFC membership will be particularly required should EFC members wish to purchase publications from the NACE Internet e-commerce system where NACE members must submit valid membership numbers.

EFC agrees to provide the same discounted prices provided to EFC organization members to all NACE members. NACE shall provide EFC with a reasonable means of verifying NACE membership to EFC constituent organizations.

2.2 Magazine, Journal, Newsletter Exchange

NACE agrees to provide one complimentary subscription to *Materials Performance* magazine to each EFC organization when requested. Each EFC member society benefiting in this way undertakes to provide NACE with a complimentary subscription to its own house journal. In addition, EFC will provide NACE with a regular copy of its newsletter.

Cooperative Agreement
European Federation of Corrosion and NACE International
Page 3

3.0 Cooperation on Technical Activities

3.1 General Collaboration

Whereas NACE has Technical Committees that meet to exchange technical information and produce standards and technical reports, and EFC has Working Parties that operate in a similar capacity.

NACE and EFC agree to ask technical activities coordinators to exchange electronic summary updates on committee activities at least once annually to strive to eliminate unnecessary duplication and produce corrosion guidelines that are globally responsive.

4.0 Marketing Support

4.1 Catalogue Distribution

NACE will make available to EFC a copy of its annual Products Guides, annual Education Catalogues, and Conference advance programs, for distribution to each EFC member society so that members can purchase publications at member-discounted prices.

EFC will reciprocate by providing NACE with copies of its current publication list including advanced notice of forthcoming editions for publicity purposes and distribution to the NACE regions so that members can purchase publications at member-discounted prices.

4.2 Magazine Promotional Support

NACE and EFC agree to provide a reasonable amount of publicity and coverage of events and activities in their respective publications, including but not limited to, conference programs and schedules, new product announcements, appointments, and awards.

4.3 Internet Promotional Support

NACE and EFC agree to provide a reasonable amount of publicity and coverage of respective activities on the organizational web sites.

5.0 Local Activities Coordination

NACE and EFC shall encourage liaisons between NACE Sections in Europe and EFC member organizations located within the Sections geographic scope. By keeping one another informed about local activities such as meetings, seminars, and educational programs this will promote interest and attendance.

6.0 Agreement Term

This agreement shall remain in effect for an initial three years from the date of execution and shall automatically renew each year thereafter unless either party is notified 90 days in advance of the renewal anniversary date.

Cooperative Agreement
European Federation of Corrosion and NACE International
Page 4

6.0 Agreement Termination

This agreement may be terminated at any time with 90 days written notice.

7.0 Exclusions

This agreement shall not prevent NACE or EFC from entering into any other agreement, and it shall not prevent NACE or EFC from conducting any activity individually. No other stipulations not specifically included in this agreement are implied or granted.

8.0 Recognized Agents

The recognized agent and contact for this agreement shall be the currently serving Executive Director of NACE and the Scientific Secretary of EFC. The individuals currently occupying those positions are listed below. It is the responsibility of each organization to inform the other should their recognized agent change.

NACE International

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Executive Director
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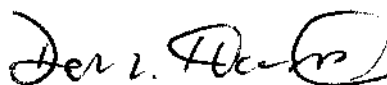
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Ms. Elaine Bowman
President
NACE International

3-19-03
Date



Mr. Don Harrop
President
European Federation of Corrosion

03/19/03
Date

E-Mail message from Professor Grabke about the demise of the MatNet Project

From: Prof. H. J. Grabke [mailto:grabke@mpie.de]
Sent: 26 March 2003 10:41
To: paul_mcintyre@materials.org.uk
Subject: WG: FEMS MatNet

-----Ursprüngliche Nachricht-----
Von: ulfil [mailto: ulfil@mpie.de]
Gesendet am: Dienstag, 25. März 2003 11:44
An: Hans J. Grabke
Betreff: FEMS MatNet

FEMS Mat Net, Work Package A
Topical Group 'High Temp. & Reactive Media

Dear colleague,

You have been interested in cooperation within the above network on the topic 'Materials at high temperatures in aggressive environments'. You know, that we planned a workshop at JRC Petten on 'Materials and corrosion in waste and biomass incinerators'.

However, last week I called on Dr. P.P. Schepp, DGM and heard to my great surprise, that there is no more money available in the first phase of MatNet. So the plan for the workshop has to be cancelled. I am very sorry about this development, and disappointed since I had assumed that EUR 10.000 were reserved for the topical group, Therefore I will withdraw from these activities, maybe that Dr. M. Spiegel (MPI Düsseldorf) and Dr. B. Baxter (JRC Petten) continue.

Sorry not to meet you at the planned workshop,

best regards

Hans J. Grabke

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F É D É R A T I O N E U R O P É E N N E D E L A C O R R O S I O N
 E U R O P E A N F E D E R A T I O N O F C O R R O S I O N
 E U R O P Ä I S C H E F Ö D E R A T I O N K O R R O S I O N



PROPOSAL FOR THE FUTURE ORGANISATION OF EUROCORR

INTRODUCTION

The EUROCORR Congress is the EFC's flagship event.

In previous years EUROCORR has experienced mixed success in terms of its organisation and financial outcome affecting the continuing attractiveness of this international event.

In order to ensure the consistently high quality of future EUROCORR Congresses, BoA is considering the establishment of a central EFC Congress Secretariat to be managed by the EFC's DECHEMA based administrative secretariat.

The target date for full implementation of a central EFC Congress Secretariat is 2007.

The proposed EFC Congress Secretariat will provide administrative continuity of successive EUROCORR Congresses assisting the EFC's BoA and STAC and the Host Society in the timely and cost effective organisation and successful delivery of EUROCORR.

The following Terms of Reference, as a draft for discussion and refinement, outline a first pass at detailing the primary responsibilities and interactions between each of these three participants. A summary of lead responsibilities for the conference and exhibition is given in Tables 1 and 2 respectively

In bidding to host a EUROCORR each Member Society would do so in the knowledge and acceptance of these Terms of Reference.

EFC CONGRESS SECRETARIAT

- **Finance**

1. Taking overall responsibility for the administration of conference and exhibition finances, allowing for:
 - Reimbursement of the EFC Congress Secretariat's costs for all consumables and other expenditure, excluding staff cost;
 - Complimentary registration of EFC WP Chairmen and EFC Officials;
 - The level of payment required to cover the Host Society's running costs and an agreed profit margin to them;
 - The EFC payment of 5% of registration fees, with a minimum of €4,500;
 - Setting a breakeven budget after making payments to the EFC and Host Society.
2. A potential financial loss will be taken over by DECHEMA.
3. Work closely with the Host Society to agree what level of payment the Host Society will require from the conference together with details concerning the cost of the venue, conference dinner etc. and to include any local/regional sponsorship in developing the overall budget.
4. Consider the need for insurance against major risks.
5. Require delegates wishing to attend only Working Party meetings to pay a registration fee, the level to be agreed with the Host Society but as a minimum covering all associated overhead costs – the goal here is to encourage such delegates to at least also attend the WP's technical session, at the day rate, but ideally to attend the whole conference.

- **Administration**

1. Ensure that proposals submitted for hosting EUROCORR Conferences fulfil certain quality standards. Only proposals that fulfil these agreed quality standards will go to the Board for decision.
2. Centrally manage the registration of delegates including on-site registration during EUROCORR.
3. Produce and distribute announcements and programmes in collaboration with the Host Society, including electronic promotion and mail shots.
4. Ensure that the final programme appears not less than three months before the conference, and is available on the EUROCORR website.
5. Support the Host Society in the management of the conference dinner and social programme.
6. In collaboration with the Host Society, produce the conference delegate packs.
7. Ensure that the Host Society appears prominently on all publicity relating to EUROCORR.
8. Manage the EUROCORR website.
9. Maintain a rolling database of EUROCORR delegates.
10. Provide year-round single point of contact for all EUROCORR enquiries.

- **Technical Organisation**

1. Manage the timely refereeing of Abstracts in conjunction with STAC and the Host Society.
2. Responsible for the production of the conference papers CD-ROM and Abstracts booklet, developing and applying a common house style.

- **Exhibition**

1. Have overall responsibility for the organisation of the EUROCORR Exhibition.
2. Pursue, in a timely fashion, exhibitors for each EUROCORR and to establish and grow a regular exhibitor base at each EUROCORR.
3. Liaise with the Host Society to identify and secure local exhibitors and sponsors.
4. Maintain a rolling database of exhibitors.
5. Provide NACE with a complimentary stand in the exhibition, the cost to be accounted for as part of the conference budget.

HOST SOCIETY

- **Administration**

1. Establish a Local Conference Organising Committee (LCOC) to work closely with the EFC Congress Secretariat and STAC on all technical and administrative matters as appropriate.
2. Have responsibility for proposing an appropriate venue and dates for the conference.
3. Arrange a suitable venue for the conference dinner and provision of social events.
4. Liaise with the EFC to provide suitable facilities for the meetings of STAC, the BoA and the General Assembly.
5. In collaboration with the EFC Congress Secretariat, produce the conference delegate packs.

- **Technical Organisation**

1. Through the LCOC, work in conjunction with STAC to produce the overall Technical Programme to include:
 - Identification of special themes appropriate to the Host Society's country and technology;
 - Organisation of the Technical Sessions, including content and running order;
 - Identification of suitable Plenary Lecturers and Keynote Speakers;
 - Organisation of the Poster Session;
 - Arrangements for the Working Party meetings.
2. Pursue a strong local technical presence at the conference, in both delegates and presenters.

- **Exhibition**

1. Liaise with the EFC Congress Secretariat to identify and secure local exhibitors and sponsors.

EFC

- **Finance**

1. The EFC return from EUROCORR will be 5% of registration fees, with a minimum of €4,500, as a budgeted item.

- **Administration**

1. Each year the BoA will decide the Host Society for EUROCORR, after consideration of all bids received, and taking into account the views of the STAC.
2. The Scientific Secretary will publicise forthcoming EUROCORR conferences in the EFC Newsletter.
3. The EFC will liaise with the Host Society over the arrangements for:
 - Meetings of the STAC, BoA and General Assembly;
 - The presentation of EFC awards.
4. The EFC will invite the NACE President and his/her partner, or nominated alternates by NACE, to attend EUROCORR and the conference dinner at the EFC's expense.

- **Technical Organisation**

1. STAC will have primary responsibility for the organisation of the Technical Sessions and for identifying opportunities for joint sessions between Working Parties, working directly with the Local Conference Organising Committee to produce the final technical programme.
2. STAC will work in collaboration with the Host Society to:
 - Identify suitable "hot topics" for inclusion in the EUROCORR technical programme;
 - Identify suitable Plenary Lecturers and Keynote Speakers;
 - Organise the Poster Session and provide judges for the Poster Competition.
3. STAC will have responsibility for refereeing all Abstracts, managed through the EFC Congress Secretariat.
4. In collaboration with the EFC Congress Secretariat and Host Society, STAC will develop a preferred schedule for Working Party meetings and ensure that ideally each Working Party holds a meeting in conjunction with EUROCORR.
5. STAC should review the opportunity to run Workshops and Courses in conjunction with EUROCORR

KEY	Lead	Collaborate	For Info.	Responsible Body			
				EFC Congress Secretariat	Host Society	STAC	BoA
				Overall responsibility for Admin & Finance			
				Develop working budget for congress			
				Management of delegate registration			
				Produce announcements & programmes			
				Produce delegate packs			
				Produce conference CD-ROM & Abstracts booklet			
				Manage EUROCORR website			
				Maintain rolling EUROCORR delegates database			
				Year-round single point contact for all EUROCORR enquiries			
				Arrangements for venue and dates			
				Arrangements for conference dinner			
				Arrangements for social programme			
				Local Conference Organising Committee			
				Arrangements for BoA, STAC & GA meetings			
				Special themes appropriate to country/region			
				Organisation of Technical Sessions			
				Organisation of Poster Session			
				Suitable Plenary Lecturers & Keynote Speakers			
				Pursue strong local technical presence			
				Identification of "hot topics" for programme			
				Refereeing of Abstracts			
				Schedule for WP meetings			
				Opportunity for Workshops & Courses around EUROCORR			
				Award of hosting EUROCORR			
				Presentation of EFC awards			
				Invite to NACE President			

Table 1: Responsibilities for Organisation of Primary Elements of the EUROCORR Conference

KEY	Lead	Collaborate	For Info.	Responsible Body			
				EFC Congress Secretariat	Host Society	STAC	BoA
				Organisation of Exhibition			
				Secure local exhibitors & sponsorship			
				Rolling exhibitor database			
				Complimentary stand to NACE			

Table 2: Responsibilities for Organisation of Primary Elements of the EUROCORR Exhibition

Withdrawal of the Serbian bid to host EUROCORR 2006

From: Vesna Miskovic-Stankovic [mailto:vesna@elab.tmf.bg.ac.yu]
Sent: 01 August 2003 14:53
To: Harrop, Don
Subject: Re: Bid to Host Eurocorr 2006

Dear Mr Harrop,
Concerning our proposal for hosting EUROCORR 2006 I would like to inform you and BoA that unfortunately the Engineer's & Technicians' Union for Protection of Materials of Serbia and Montenegro is not able to host the Conference. We realized that we will not be able to provide adequate financial support in relatively short time period.

We hope you will understand this withdrawal and accept our apologize.

Best regards
Vesna Miskovic-Stankovic

.....
Prof. Dr. Vesna Miskovic-Stankovic
Faculty of Technology and Metallurgy
University of Belgrade
Karnegijeva 4, P.O.Box 3503
11120 Belgrade
Serbia and Montenegro
Tel: +381 11 3370 460
Fax: +381 11 3370 387
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EUROPEAN FEDERATION OF CORROSION

BOARD OF ADMINISTRATORS

28 SEPTEMBER 2003

BUDAPEST

HONORARY TREASURER'S REPORT

HONORARY TREASURER'S REPORT

1. SUMMARY

The statement of accounts for the year ended 31 December 2002 represents a reasonable outcome, generating a small annual surplus against a balanced budget.

It records the first transactions involved in carrying out the EC funded projects referred to in the Scientific Secretary's reports.

There is continuing concern over arrears with Member Societies' subscriptions, accompanied by a breakdown in communication in some cases. Writing off bad debts results in a loss of value in the accumulated surpluses as a consequence of doubtful debts being carried forward. On the other hand rigorous application of the Bye-Laws may run the risk of premature loss of members. This is a situation which has to be kept under review.

The review of contribution rates is still to be concluded. Whatever the outcome it is important to be able to guarantee that the total income contribution from this source is maintained at its present level initially until any new financial strategy has been tested.

As part of the new financial strategy the proposals for the 2004 budget recommend the prospect of investing an increased allocation to Working Party projects as agreed at the last meeting of the Board. This additional expenditure would be funded initially from the accumulated surpluses in the General Fund. It is anticipated that compensation would in part be achieved by the anticipated additional income generated from the new EUROCORR levy formula referred to elsewhere. As noted on previous occasions it is wise to work within a balanced budget, with the objective of retaining a prudent level of reserves.

2. STATEMENT OF ACCOUNTS FOR THE YEAR ENDING 31 DECEMBER 2002

Subscription Income (see Annex 1)

The current list of contributions due up to 31.12.02 from Member Societies is shown. Invoices were issued in June a reminder sent in November and a final reminder was sent in June 2003. Contributions are still outstanding from:

- (a) Branch Belge de la SCI: 1999, 2000 & 2001 (withdrawn)
- (b) Force Institute (Denmark): 2001, 2002
- (c) Hungarian Corrosion Society 2002
- (d) Insitute of Metals and Technologies (Slovenia) 2002
- (e) Ukranian Association of Corrosionists` 2002
- (f) Union of Engineers & Technologists for the Protection of Metals (Serbia) 2002
- (g) Azerbaijan Society for the Protection of Metals 2000, 2001, 2002

Income and Expenditure Account (see Annex 2)

The I/E account compares the budget figures for 2002 with the actual result alongside the figures for 2001.

There is an increase in the surpluses in the General Fund of €256 to €11874.

Balance Sheet (Annex 3)

This summarises the position with the addition of the Educational Fund, from which there has been no expenditure to date.

The present reserves in the General Fund stand at €11874.

Notes expanding on particular items of income and expenditure are produced in **Annexe 4**.

3. PROPOSED BUDGET FOR 2004 (Annex 5)

The budget in prospect for 2004 represents a departure from recent practice. In order to facilitate yet more activity within the working parties it has been proposed that an additional sum of around €5000 could be allocated from the accumulated surpluses within the General Funds. WP chairman would be encouraged to submit bids to be considered by the STAC for appropriate allocations. This call on existing resources should be met by the expected increase in contribution from EUROCORA under the new 5 % formula (e.g. $€400 \times 500 = €200,000 \times 5 \% = €10,000$). The implications of this proposal are set out in Annex 5. On the assumptions being made this would lead to a net deficit on the year of only €550 despite the increased support for the Working Parties.

4. REVIEW OF CONTRIBUTION RATES

During the historical review of the development of the present scheme of contribution rates it was considered that a simpler system was to be preferred. The idea of progressively harmonising the MS contribution to a single rate over a period of time found favour in conjunction with the President's proposed new financial model for the EFC to be developed over a 5-year period. These proposals will be discussed during the meeting.

Whatever the outcome it is important to be able to guarantee that the total income from MS contributions is maintained at its present level until any new financial strategy has been tested.

As noted on previous occasions it is wise to work within a balanced budget, with the objective of retaining a prudent level of reserves.

C J L Booker
Honorary Treasurer

ANNEX 1

2002 CONTRIBUTIONS TO EFC FUNDING (as at 17 February 2003)

Ref.	SOCIETY	COUNTRY	Charge Euros	Received Euros
1	Eisenhutte Osterreich Montanuniversitat	Austria	1000	1000
2	Branche Belge de la SCI	<i>Withdrawn</i>		
3	CEBELCOR	Belgium	1500	1500
4	Force Instituttet	Denmark	1500	-
5	The Finnish Corrosion Society	Finland	1500	1500
6	CEFRACOR	France	1500	1500
7	Societe de Chimie Industrielle	France	1500	1500
8	GFKORR	Germany	1500	1500
9	DECHEMA eV	Germany	1500	1500
10	Associazione Italiana di Metallurgia AIM	Italy	1000	1000
11	<i>CSFCE, Italy</i>	<i>expelled</i>		
12	AITIVA	Italy	1000	1000
13	Nederlands Corrosie Centrum NCC	The Netherlands	1500	1500
14	<i>Bond voor Materialenkennis BVM</i>	<i>expelled</i>		
15	Norsk Korrosjonsteknisk Forening	Norway	1500	1500
16	INETI	Portugal	1000	1000
17	<i>Sociedade Portuguesa de Quimica</i>	<i>expelled</i>		
18	Sociedad Espanola de Quimica Industrial	Spain	1000	1000
19	Swedish Corrosion Institute	Sweden	1500	1500
20	<i>Schweizerische Gesell. für Chimische Ind.</i>	<i>resigned</i>		
21	<i>SGO</i>	<i>resigned</i>		
22	Institute of Corrosion	UK	1500	1500
23	The Institute of Materials	UK	1500	1500
24	<i>Committee of Corrosion Protection, Bulgaria</i>	<i>expelled</i>		
25	Croatian Society for Materials Protection	Croatia	150	150
26	Czech Association of Corrosion Engineers	Czech Republic	150	150
27	<i>Hungarian Chemical Society</i>	<i>resigned</i>		
28	Hungarian Corrosion Society	Hungary	150	150
29	<i>Hungarian Scientific Society of Mech. Eng.</i>	<i>resigned</i>		
30	Polskie Stowarzyszenie Korozyjne	Poland	150	150
31	<i>All Union Corrosion Association</i>	<i>dissolved</i>		
32	Institute of Metals and Technologies	Slovenia	150	--
33	Ukranian Association of Corrosionists	Ukraine	150	--
34	Union of Eng. & Tech. for Prot. of Metals	Serbia	150	--
35	Azerbaijan Society for the Prot. of Metals	Azerbaijan	150	--
36	Corrosion Committee of Romanian Academy	Romania	150	150
37	ANTI KOR	Russia	150	150
38	The Corrosion Association	Turkey	150	150
		TOTAL	<u>24650</u>	<u>22550</u>

ANNEX 2

INCOME AND EXPENDITURE

Income	Note	2002 budget		2002 results		2001 results	
		€	€ Euro	€	€	€	€
Subscriptions		26,650		24,650		25,350	
Less: Bad and doubtful debts	(1)	0		1,500		3,750	
Net subscriptions receivable		26,650		23,150		21,600	
Eurocorr levy		1,000		4,500		0	
Royalties		3,000		3,653		2,592	
Project income	(2)	0		7,992		0	
		30,650		39,295		24,192	
Expenditure							
<i>Scientific Secretary</i>							
Fees		12,000		11,998		12,320	
Travel, accommodation, subsistence, postage, stationery & other costs		3,000		3,227		4,508	
IoM administration charge		8,000		7,684		8,193	
	(3)	23,000		22,909		25,021	
Honorary Officers expenses		2,000		1,151		2,472	
Support for working parties	(4)	4,550		4,394		1,806	
Project expenses	(2)	0		7,992		0	
Medal		0		0		1,000	
Bank charges		300		200		270	
Contingency sum		800		589		500	
Total expenditure		30,650		37,235		31,069	
Surplus/(deficit)		0		2,060		(6,877)	
Exchange (losses)/gains		0		(1,804)		259	
(Deficit)/surplus for the year		0		256		(6,618)	
Surplus brought forward		11,618		11,618		18,236	
Surplus carried forward		<u>11,618</u>		<u>11,874</u>		<u>11,618</u>	

ANNEX 3

BALANCE SHEET

		31/12/02	31/12/01
		€	€
Current assets			
Outstanding subscriptions	(5)	2,250	1,800
Other debtors	(6)	8,183	2,592
Amount held by IoM		6,051	11,251
Bank balance		10,480	0
		26,964	15,643
Current liabilities			
Creditors and accruals	(7)	2,582	0
Amounts received in advance	(8)	8,483	0
		11,065	0
Net assets			
		15,899	15,643
General fund		11,874	11,618
Education fund		4,025	4,025
Total funds			
		15,899	15,643

ANNEX 4

NOTES

1) Bad and doubtful debts	2002 results		2001 results	
	€	€	€	€
<i>Subscriptions written off</i>				
Branche Belge de la SCI	1,400		0	
CSFCE (Italy)	0		1,800	
Yugoslavia	0		100	
		1,400		1,900
<i>Increase/(decrease) in provision against doubtful debts</i>				
Branche Belge de la SCI	(1,400)		1,400	
Azerbaijan	150		300	
Ukraine	(150)		150	
Denmark	1,500		0	
		100		1,850
		1,500		3,750
2) Project income and expenditure				
Income				
CORRCEPT		1,997		0
MENTOR C		3,833		0
CORPROT		755		0
MATNET		1,407		0
		7,992		0
Expenditure				
Scientific Secretary fees		2,593		0
Travel and subsistence		4,781		0
Other costs		618		0
		7,992		0
3) Scientific Secretary				
Fees	(£7,388)	11,998	(£7,518)	12,320
Travel & incidental expenses		2,559		3,517
Postage & courier costs		669		991
IoM administration charge	(£5,000)	7,684	(£5,000)	8,193
		22,909		25,021

ANNEX 4

NOTES - Continued

4) Support for working parties

Scientific Secretary fees	1,200	1,200
Other costs (paid)	2,341	606
Other costs (accrued)	853	0
	<u>4,394</u>	<u>1,806</u>

5) Subscriptions outstanding

Belgium (SCI)	0	1,400
Denmark	3,000	1,500
Azerbaijan	450	300
Yugoslavia	150	150
Hungary	150	150
Ukraine	300	150
Slovenia	150	0
	<u>4,200</u>	<u>3,650</u>
Provision for irrecoverable subscriptions	(1,950)	(1,850)
	<u>2,250</u>	<u>1,800</u>

6) Other debtors

Publication royalties	3,595	2,592
MENTOR C project	3,833	0
CORPROT project	755	0
	<u>8,183</u>	<u>2,592</u>

7) Creditors and accruals

Science secretary's fees	1,729	0
Working party expenses	853	0
	<u>2,582</u>	<u>0</u>

8) Amounts received in advance

This represents project grants received but not expended at the year end

ANNEX 5

EUROPEAN FEDERATION OF CORROSION
PROPOSED BUDGET FOR 2004

Expenditure

	<u>Actual</u>	<u>Budget</u>	
	2002	2003	2004
	Euros	Euros	
Scientific Secretary:			
Fees	11998	12000	12000
Travel & postage etc	3227	3900	3900
Administration charge	<u>7684</u>	8000	8000
	22909		
Honorary officers expenses	1151	2000	3000
European Corrosion Medal	0	1000	0
Support for Working Parties	4394	4100	9000
Project expenses	7992		
NACE (EUROCORR Expenses)	0	0	1000
Bank charges	200	300	300
Contingency sum	589	850	1000
	<u>37235</u>	<u>32150</u>	<u>38200</u>

Income

Subscriptions	24650	24650	24650
Less: Bad and doubtful debts	<u>1500</u>		
	23150		
Eurocorr Congress levy	4500	4500	10000
Project income	7992		
Royalties	<u>3653</u>	<u>3000</u>	<u>3000</u>
	<u>39295</u>	<u>32150</u>	<u>37650</u>
(Deficit)/Surplus	2060	0	(550)
Exchange Gains	(1804)	0	
	<u>256</u>	<u>0</u>	<u>(550)</u>
(Deficit)/Surplus for the year	256	0	(550)
Surplus brought forward from General Fund	<u>11618</u>	<u>11874</u>	<u>11874</u>
Surplus carried forward	<u>11874</u>	<u>11874</u>	<u>11324</u>

**REPORT OF THE SCIENTIFIC SECRETARY TO THE
BOARD OF ADMINISTRATORS (SEPTEMBER 2003)**

Since the last meeting of the BoA, negotiations have taken place with the EU in Brussels about the level of payment to be received by EFC under the “CORRCERT” Project towards costs incurred in running the important conference on “Corrosion Certification: the European Approach” in Aix-en-Provence during June 2002 (EFC Event No. 253). The sum of €26,200 had been approved by Brussels for expenditure on bursaries for those from EU and Associated States who needed them to participate in the meeting (and to cover the Scientific Secretary’s costs as coordinator of the project). Because approval for this funding was not received until 3 months before the event, and because the level of attendance was somewhat lower than anticipated, it was not possible to disburse all of the available funds on bursaries. The EU refused to amend the terms of the contract, although it conceded that up to 20 % of the project value could be allocated to other headings and indicated that the cost of producing the volume of proceedings might be appropriate. On this basis, I prepared the final report and submitted it to Brussels on 29 July. This showed total expenditure on eligible items amounting to €14,750.34, of which €10,480 had already been paid into the EFC account with the Fortis Bank in Brussels. The EU has acknowledged receipt of the report which is now under evaluation.

On 11 March, I visited DGM in Frankfurt for a meeting of the EU-funded MatNet Project to discuss the adoption of a common structure for the membership databases in each of the participating associations. During the meeting it emerged that the level of funding available for project work was lower than originally believed, which meant that it might be difficult to complete the planned programme. The following week, Prof. Grabke was informed that he would not be receiving 100 % funding for his network on materials problems in waste incineration and decided to abandon the project. This was a disappointing conclusion to a project of great potential value that was originally conceived six years ago.

On 19 May, I represented the EFC at an International Conference on “Modern Methods of Corrosion Monitoring for Estimation of Substantial Losses and Costs” at which I presented a paper about Corrosion Costs in the UK. I then spent four days in Frankfurt, helping to man the EFC/DECHEMA stand atACHEMA 2003, which included a display of EFC books. This provided an excellent opportunity to meet and to work with Mrs Ines Honndorf, who is succeeding Mrs Bärbel Jost as EFC Secretary in the Frankfurt Office following Mrs Jost’s recent retirement.

During early June, I helped the President to prepare the initial draft of the new Terms of Reference for EUROCORR and on 23 June, I participated in a meeting of the President’s Task Force in London, subsequently preparing and drafting the Action List.

The Mid-Term review of the EU-supported Mentor-C project took place in Lisbon on 13-14 July 2003. As Scientific Secretary for the project, I prepared and distributed the minutes of the previous Management Meeting in advance of this meeting. Work is progressing satisfactorily on the preparation of multimedia, multi-level, multilingual software-based distance learning materials for supervised and unsupervised vocational training courses. The representative of the Leonardo da Vinci funding body in Brussels who attended the review meeting was impressed with the progress to date and congratulated the project team. I have since prepared articles for publication in the EFC Newsletter and other journals as part of the dissemination activity for the project. I have also prepared and submitted the mid-term report on the EFC activity. This shows expenditure of €9,551 to date out of the €31,270 allocated to EFC for the project. Of this expenditure, €2,801 was to pay for the 13 days that I spent on the project during its first 18 months. One particular benefit has been the acquisition of a laptop computer system for demonstrations of the software products. This cost

€3,849 and will remain a valuable asset for EFC on completion of the project. Other expenditure has included €2,324 on travel and subsistence and €577 on conversion of the EFC videos to the digital format needed for inclusion in the CD-ROMs and HTML (web-based) products. During the remainder of the project, EFC WP 7 (Corrosion Education and Computer Applications) will be involved in testing the course materials as they become available. WP 7 may also be involved in accreditation of the products for certification purposes in future if these aspects are pursued in a follow-up project, and consideration must be given to this possibility within EFC.

Two new additions to the EFC Series have been published recently, EFC 32, a guidance document on “The Life Cycle Costing of Corrosion in the Oil and Gas Industry” from WP 13 on Corrosion in Oil and Gas Production, and EFC 36, “Prediction of Long Term Corrosion Behaviour in Nuclear Waste Systems” from WP 4 on Nuclear Corrosion. As Series Editor for the EFC publications, I am currently engaged in the production of seven further additions to the Series (EFC 37 - EFC 43).

Other activities which have occupied me since February include the provision of assistance to the Paris Office with the preparation of the Minutes from the meeting of the BoA in Frankfurt, and the preparation of the Working Papers for the BoA and GA in Budapest. I also helped the Honorary Treasurer with the distribution of Invoices to the Member Societies for their 2003 contributions and the Chairmen of EFC WP13 (Corrosion in Oil and Gas Production) and WP15 (Corrosion in Refineries) with the production and distribution of minutes, agendas and calling notices. This was no mean task since EFC 13, the largest EFC WP now boasts 240 members worldwide while WP15 has nearly 100. I am currently liaising with the Chairman of STAC and the Working Party Chairmen in preparing the Working Papers for the meeting of the STAC in Budapest, and am producing the next issue of the EFC Newsletter (Number 13).

Paul McIntyre
28 August 2003

NEW AND FORTHCOMING ADDITIONS TO THE EFC SERIES OF PUBLICATIONS

New Additions to the EFC Series

EFC 32: “Guidelines for the Compilation of Corrosion Cost Data and for the Calculation of the Life Cycle Cost of Corrosion — A Working Party Report” edited by P. S. Jackman (from WP 13 on Corrosion in Oil and Gas Production).

EFC 36: “Prediction of Long Term Corrosion Behaviour in Nuclear Waste Systems”, edited by D. Féron (EFC WP 4 on Nuclear Corrosion).

Forthcoming Additions to the EFC Series

EFC 37: “Test Methods for Assessing the Susceptibility of Prestressing Steels to Hydrogen Induced Stress Corrosion Cracking” by B. Isecke (EFC WP11 on Corrosion of Reinforcement in Concrete).

EFC 38: “Corrosions of Reinforcement in Concrete: Mechanisms, Monitoring, Inhibitors and Rehabilitation Techniques” edited by J. Mietz (EFC WP11 on Corrosion of Reinforcement in Concrete).

EFC 39: “The use of Corrosion Inhibitors in Oil and Gas Production” edited by J. W. Palmer, W. Hedges and J. L. Dawson (EFC WP13 on Corrosion in Oil and Gas Production).

EFC 40: “Control of Corrosion in Cooling waters” edited by J. D. Harston and F. Ropital (EFC WP15 on Corrosion in Refineries).

EFC 41: “Corrosion by Carbon and Nitrogen - Metal Dusting, Carburisation and Nitridation” edited by M. Schütze and H. J. Grabke (EFC WP4 on Corrosion in Hot Gases and Combustion Products).

EFC 42: “Corrosion in Refineries” edited by J. D. Harston (EFC WP15 on Corrosion in Refineries).

EFC 43: “The Electrochemistry and Characteristics of Embeddable Reference Electrodes for Concrete” by R. Myrdal (EFC WP11 on Corrosion in Concrete).

CALENDAR OF FORTHCOMING EFC AND OTHER MAJOR EVENTS

Date/venue	Conference	Contact
28 September- 2 October 2003 Budapest Hungary	EUROCORR 2003 The European Corrosion Congress (EFC Event No. 261)	Prof. Dr. Erika Kálmán Chemical Research Centre Hungarian Academy of Sciences H-1525 Budapest, P.O. Box 17, Hungary Fax: +36 1 325 7509 e-mail: eurocorr@chemres.hu
29 September – 3 October 2003 Crete Island Greece	4 th International Conference on Compact Heat Exchangers and Enhancement Technology for the Process Industries	Engineering Conferences International 6 MetroTech Centre, Brooklyn, NY 11201, USA Fax: +1 212 591 8145 E-mail: bhconf@poly.edu
13-15 October 2003 Pittsburgh Pennsylvania USA	Materials Solutions 2003 Conference and Exposition	ASM International Materials Park Ohio 44073-0002 USA Website: www.asminternational.org /materialssolutions
22-25 October 2003 Sintra Portugal	International Workshop “Application of Electrochemical Techniques to Organic Coatings” (EFC Event No. 270)	Dr Alda Simões IST, Technical University of Lisbon Av. Rovisco Pais, 1049-001 Liboa, Portugal Tel: +351 21841 7963 E-mail: pcsimoes@alfa.ist.utl.pt
26-30 October 2003 New Orleans Louisiana, USA	SSPC Annual Conference	Rose Mary Surgent The Society for Protective Coatings 40 24th Street 6th Floor, Pittsburgh, PA 15222-4656, USA Fax: +1 412 281 9993 E-mail: surgent@sspc.org
28-30 October 2003 Harrogate UK	UK Corrosion 2003 Conference and Exhibition	Institute of Corrosion Corrosion House, Vimy Court, Leighton Buzzard, LU1 1FG Fax: +44 (0) 15 2537 6690 E-mail: admin@icorr.demon.co.uk Website: www.icorr.org
11-13 November 2003 Maastricht The Netherlands	3 rd Stainless Steel World Conference & Expo	Mrs Marion Barth KCI Publishing BV, P.O. Box 396, 7200 AJ Zutphen The Netherlands Fax: +31 575 511 099 e-mail: ssw2003@kci-world.com Website: www.stainless-steel-world.net

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17-20 November 2003 Amsterdam The Netherlands	Corrosion in the Oil and Gas Industry	Colin Britton, Corrosion Engineering Consultancy & Training Courses 'The Butts', Station Road, Kimbolton, Cambridgeshire, PE28 OHS, UK Fax: +44 (0) 14 8086 0943 E-mail: cbrit79727@aol.com
18-20 November 2003 Wolfsburg Germany	Magnesium Conference	Deutsche Gesellschaft für Materialkunde Hamburgerallee 26, D-60486 Frankfurt am Main, Germany E-mail: expo@dgm.de
March 28 - April 1 2004 New Orleans USA	CORROSION/NACEexpo 2004	NACE International 1440 South Creek Drive, Houston, TX 77084-4906 Fax: +1 281 228 6329 E-mail: msd@mail.nace.org Website: www.nace.org/corrosion 2004
14-16 April 2004 Orlando, Florida USA	ELECTROCOAT 2004	Anne Von Moll, Conference Assistant, c/o Gardner Management Services 6915 Valley Avenue Cincinnati, Ohio 45244 Fax: 001 513 527 8801 e-mail: avonmoll@gardnerweb.com Website: www.electrocoat.org/ecoat2004
12-13 May 2004 London UK	Corrosion and Cracking of Welds (EFC Event No. 271)	Dr Alan Turnbull National Physical Laboratory Teddington, Middlesex, TW11 0LW, UK Fax: +44 0208 943 7160 E-mail: alan.turnbull@npl.co.uk
16-21 May 2004 Cocoa Beach, Florida USA	6 th International Symposium on Electrochemical Impedance Spectroscopy	Conferences & Seminars Coordinator 2209 NW 13 th Street, Suite E Gainesville, FL 32609, USA Fax: +1 352 392 5438 e-mail: conferences@doce.ufl.edu
16-21 May 2004 les Embiez France	6 th International Symposium on High Temperature Corrosion (EFC Event No. 268)	Prof. Pierre Steinmetz, UMR CNRS 7555 Laboratoire de Chimie du Solide Minéral Faculté des Sciences et Techniques de l'UHP, BP 239, F-54506 Vandœuvre Cedex, France Fax: +33 3 8368 4611 e-mail: Pierre.steinmetz@lcsm.uhp-nancy.fr Website: www.htcpm-2004.uhp-nancy.fr
6-8 June 2004 Riva del Garda Italy	2 nd International Conference and Exhibition on New Developments in Metallurgical Process Technology	AIM - Associazione Italiana di Metallurgia Piazzale Rodolfo Morandi 2, I-20121 Milan, Italy Fax: +39 02 7602 0551 e-mail: aim@aimnet.it website: www.aimnet.it/mpt.pdf
7-11 June 2004 Charleston South Carolina USA	11 th International Symposium on Corrosion in the Pulp and Paper Industry (EFC Co-Sponsored event)	Edward F. Robie, Event Project Manager Technical Association of the Pulp and Paper Industry (TAPPI) Fax: +1 770 446 6947 e-mail: Erobie@tappi.org

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8-10 June 2004 Lviv Ukraine	Corrosion-2004 Conference and Exhibition on Problems of Corrosion and Corrosion Protection of Structural Materials (EFC Event No. 272)	Natalie Chervinska Karpenko Physico-Mechanical Institute of NAS of Ukraine, 5, Naukova Str., 79601 Lviv, Ukraine Tel: +380 322 654 253 E-mail: pokhmurs@ah.ipm.lviv.ua
13-17 June 2004 Espoo Finland	4 th Kurt Schwabe Symposium "Mechanisms of Corrosion and Protection" (EFC Event No. 269)	Prof. Olof Forsén Helsinki University of Technology Laboratory of Corrosion and Materials Chemistry, Vuorimiehentie 2, Box 6200, 02015 HUT, Espoo Finland Fax: +358 9451 2798 e-mail: olof.forsen@hut.fi
12-16 September 2004 Nice France	EUROCORR 2004 - Long Term Prediction and Modelling of the Corrosion Behaviour of Metallic Materials (EFC Event No. 266)	CEFRACOR 28 rue Saint-Dominique, 75007 Paris France Fax: +33 1 45 55 90 74 e-mail: cefracor@club-internet.fr
19-23 September 2004 Banff, Alberta	2 nd International Conference on Environment Induced Cracking of Metals (EICM-2)	Dr Sergei Shipilov Department of Mechanical and Canada Manufacturing Engineering, University of Calgary, 2500 University Drive NW, Calgary, Alberta, Canada Fax: +1 403 282 8406 e-mail: shipilov@enme.ucalgary.ca
19-24 September 2004 Thessaloniki Greece	55 th Annual Meeting of the ISE "From Nanostructures to Power Plants"	Spiridoula Kastani, Incentives Department, Zorpidis Travel Services, 76 Egnatia Str. 54624 Thessaloniki, Greece Fax: +30 310 242254 E-mail: incentives@zorpidos.gr
9-11 November 2004 Maastricht The Netherlands	Valve World 2004	Mr Sjef Roymans KCI Publishing BV, Jacob Damsingel 17, NL-7201 AN Zutphen, The Netherlands Fax: +31 575 511 099 E-mail: s.roymans@kci-world.com
3-8 April 2005 Houston, Texas USA	CORROSION/NACEexpo 2005	NACE International 1440 South Creek Drive Houston, Texas 77084-4906 Fax: +1 281 228 6329 E-mail: msd@mail.nace.org Website: www.valve-world.net
4-8 September 2005 Lisbon Portugal	EUROCORR 2005 (EFC Event No. 273)	Prof. Mário G. S. Ferreira Instituto Superior Técnico Av. Rovisco Pais 1049 - 001 Lisboa Portugal Fax: +351 218 404589 e-mail: mgferreira@cv.ua.pt

**ROUND TABLE DISCUSSION ON THE REACTIVATION OF EFC WP2
(CORROSION AND PROTECTION OF STEEL STRUCTURES)**

**To be held in the Budapest Congress Centre, Jagelló út 1-3, H-1123 Budapest
on the afternoon of Monday 29 September 2003 (Room to be announced)**

PROPOSED AGENDA

1. Welcome address.
2. Report on WP2 previous activity and EFC latest decisions.
3. Proposed Scope, Objectives and Terms of Reference, presentation and discussion.
4. Presentation by Dr. Philippe Berge on activity in France on the protection of steel structures.
5. Work Programme for the activity in 2003/2004 and the following years and selection of topics of interest.
6. Proposed Agenda for the Meeting of the Working Party 2 during the year 2003/2004 (Gdansk, Poland March/April 2004). Main topic proposed: Diagnosis of large steel structures: Part I. Application of acoustic emission.
7. Cooperation with other EFC Working Parties.
8. Other issues.