

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



BOARD OF ADMINISTRATORS

Frankfurt, Germany

April 20, 2001

MINUTES

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MINUTES

Meeting of the Board of Administrators

of the

European Federation of Corrosion

Frankfurt – Germany - April 20, 2001

Venue of meeting: **DECHEMA E.V.
Theodor-Heuss-Allee 25
Frankfurt**

Date and time of meeting: **April 20, 10.00 am**

Chairman: **Dr Philippe Berge (EFC President)**

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

EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

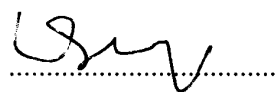
Frankfurt, 20 April 2001

ATTENDANCE LIST

Signatures

As President of EFC :

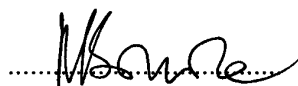
Dr. Ph. BERGE (France),



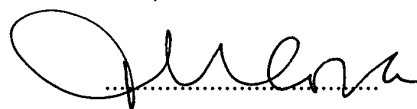
Prof. Dr. E. BERECZ (Hungary)

Excused

Prof. Dr. P. L. BONORA (Italy)

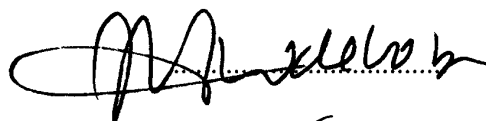


Prof. J. M. COSTA (Spain)



Prof.

Mr. J. H. W. DE WIT (Netherlands)



Mr. O. FORSEN (Finland)



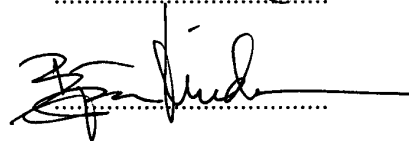
Mr. Don HARROP (United Kingdom)

Excused

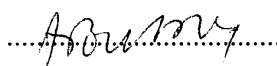
Prof. Dr. B. ISECKE (Germany)



Dr. B. LINDER (Sweden)



Dr. A. POURBAIX (Belgium)



Mr. B. A. RICKINSON (United Kingdom)

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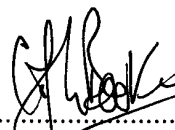
EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
 Frankfurt, 20 April 2001

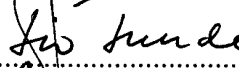
EX OFFICIO REPRESENTATIVES

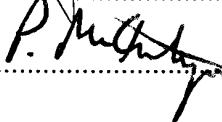
Dr. C. BOOKER (United Kingdom), As Treasurer

Mrs. L. LUNDE (Norway), As Chairman of the STAC

Dr. P. McINTYRE (United Kingdom), As Scientific Secretary







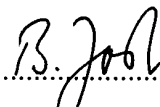
GENERAL SECRETARIAT

Frankfurt Office:

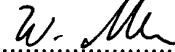
Mrs. B. JOST

Prof. Dr. G. KREYSA

Dr. W. MEIER







London Office:

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Paris Office:

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P. BRIDOU

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GUEST(S) :

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EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
FRANKFURT, 20TH April 2001
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 Working Party Activities
- Item 3 Role of the EFC in Certification
 - 3-1 Workshop on Certification in 2002; EU support
 - 3-2 “Mentor-C” (EC Proposal on Materials Engineering Training Tools: On-line Tutoring, International Recognition & Certification of Corrosion Expertise)
- Item 4 Liaisons with other organizations
 - 4-1 NACE
 - 4-2 FEMS
- Item 5 EFC Membership
 - 5-1 Progress with EFC Membership Card
 - 5-2 Application to join by the Bulgarian Society
- Item 6 EUROCORN Series
 - 6-1 EUROCORN 2000
 - 6-2 EUROCORN 2001
 - 6-3 EUROCORN 2003
 - 6-4 EUROCORN 2004
 - 6-5 EUROCORN 2005
- Item 7 Finance
- Item 8 EFC Activities
 - 8-1 Scientific Secretary's Report
 - 8-2 EFC Publications
 - 8-3 EFC Web Site
- Item 9 EFC Calendar of Events
- Item 10 Nominations for EFC Medal
- Item 11 Administrative Matters
- Item 12 Any other Business
- Item 13 Date and Place of next BoA

UNCONFIRMED MINUTES OF THE EFC BOARD OF ADMINISTRATORS

Item 01 **Opening of the meeting**

Mr. Berge, President of the EFC and chairman of the meeting, opened the meeting and welcomed the delegates present (see attendance list).

Item 02 **Apologies for Absence**

Apologies had been received from the following members of BoA:

Prof. Dr. E. BERECH, Hungary
 Prof. Dr. G. KREYSA, Germany,
 Mr D. HARROP, United Kingdom.

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

- 1-1 The proposed agenda was approved.
- 1-2 The minutes of the London meeting (September 12, 2000) were approved as a correct record.

Item 2 **Working Party Activities**

In order to prepare for the next STAC meeting, to be held on Sunday 30th September in Riva del Garda, Mrs Lunde undertook to send a letter to all the WP Chairmen to remind them of the following needs:

- to report progress with respect to the 3-year plans presented last September in London, particularly in connection with collaboration over joint sessions at EUROCORR 2003;
- to provide updated 3-year plans for the period September 2001 to August 2003;
- to undertake 3-yearly reviews of the WP structure and performance at the next meeting of their WPs.

2.1 *WP2 (Corrosion and Protection of Steel Structures)*

Professor Bonora reported that Professor Darowicki (Technical University of Gdańsk), who wishes to reactivate WP 2, would be submitting proposed terms of reference for the WP, together with a statement on how these differ from those of the other WPs for discussion at the next meeting of STAC.

2-2 *WP 4 (Nuclear Corrosion)*

BoA noted the nominations, approved by the Members of Working Party 4, of the new Chairman (Mr Jacques DARET) and the new Secretary (Mr Yves ROUILLON).

2-3 *WP 8 (Physico-Chemical Methods of Corrosion Testing)*

With regard to the activities and fields of applications of the WP 8 (Physico-Chemical Methods of Corrosion Testing), there was discussion of the future direction of the WP

and whether it should continue with a broad remit or focus on specific topics. The Scientific Secretary reported that Dr R Akid of Sheffield Hallam University was interested in pursuing collaborative work on Electrochemical Scanning Probe Techniques under the auspices of WP 8. Prof. de Wit agreed to contact the members of WG 8 to determine the future work programme and structure of WP8 and to report the outcome at the next meetings of STAC and BoA. A 3-year plan will also be prepared and presented to the next STAC meeting taking account of the decisions reached.

2-4 WP 12 (Computer Information Systems)

As presented in Appendix 2 of the Working Papers, a letter was sent to Prof. Bogaerts asking him to consider the possibility of continuing the activities WP 12 (Computer Information Systems) as the leader of a new EFC Task Force on Computer Applications within WP 7 (Corrosion Education).

No answer had been received to date from Professor Bogaerts. Mr Pourbaix undertook to contact him in order to solicit a response so that WP 12 might be wound up at the next meeting of BoA.

Item 3 Role of the EFC in Certification

3-1 Workshop on Certification in 2002; EU support

The draft of the Call for Papers for the Workshop on Certification, which will be held on Tuesday 4th and Wednesday 5th of June 2002, was presented to the BoA Members. It was expected to be printed and distributed in the near future.

Prof. Linder emphasised the need for cooperation with CEN to ensure that conflicting standards are not developed. The President stated that the workshop will consider the responsibilities of EFC and CEN. M. Roche is closely involved with CEN which is to develop the standards with input from EFC.

As presented in Appendix 3 of the Working Papers, a proposal entitled “Corrosion Certification: The European Approach” with the acronym “CORRCERT” was prepared by the EFC Scientific Secretary and submitted to the European Commission General Research Directorate (DG XII) in order to seek financial support for participation in the Workshop by students and others of limited means.

It is intended to hold an exhibition during the Workshop on Cathodic Protection on 6th and 7th June 2002. This could provide an opportunity to begin cooperation with NACE, which could promote the event to its members.

3-2 “Mentor-C” (EC Proposal on Materials Engineering Training Tools: On-line Tutoring, International Recognition & Certification of Corrosion Expertise)

Following the submission by Prof. Walter Bogaerts of the “Mentor-C” proposal for EC funding under the Leonardo Initiative, the project had not yet been approved. A decision is expected during the summer and, if successful, it should be possible to begin work during November or December 2001.

Item 4 **Liaisons with other organizations**

4-1 *NACE (National Association of Corrosion Engineers)*

Another meeting had taken place on 19th April in the Frankfurt Office with Mr G. M. Shankel, NACE Executive Director, at which EFC was represented by the President and Scientific Secretary. The minutes of this meeting are included in Appendix 1.

Three important items were discussed:

1 – Collaboration on Exhibitions:

Collaboration between EFC and NACE could be achieved by organising joint exhibitions or trade shows, either in conjunction with future EUROCORR conferences or as stand-alone events. As a first step it was agreed that collaboration will begin with the forthcoming Corrosion Certification Workshop in Aix en Provence in June 2002: NACE will propose a speaker for a plenary lecture on the Certification System in USA. Also, the possibility of collaboration with NACE over the organisation of a joint NACE-EFC exhibition during the Aix meeting on Cathodic Protection and Associated Coatings will be discussed during a meeting between NACE and CEFACOR in Paris.

NACE also proposed the creation of a joint EFC/NACE Executive Committee with the aim of discussing a system of collaboration over exhibitions. Dr Meier, Prof. Linder and other BoA members could be among the EFC representatives on the Committee.

M. Pourbaix suggested that people would be attracted to the Certification Workshop were it dealt with regulatory requirements and suggested that the title should be amended accordingly. The President stated that this would be dealt with in the publicity for the meeting.

2 – NACE Products discount:

Mr Shankel had confirmed that a 25 % to 30 % discount on NACE products would be available for all EFC Members on presentation of the EFC Membership Card, including congress fees, which would be the same as for NACE Members.

The Catalogue of NACE Products would be made available to EFC members via the EFC Website or could be sought from the Scientific Secretary to whom NACE is to provide a copy.

3 – Website exchanges:

It was agreed that reciprocal links would be implemented between the EFC and NACE web sites. Dr Meier, who is in charge of the EFC Website at Dechema, was asked to contact the NACE webmaster in order to establish the NACE link on the EFC website.

The next EFC Newsletter will promote the discount opportunities and inform EFC members about the NACE website.

A reciprocal exchange of information on the EFC and NACE events calendars was also agreed.

There was strong support for establishing closer links with NACE for the following reasons:

- NACE Europe has 640 members
- EFC visibility would be improved among corrosion engineers
- links with NACE are important with regard to certification issues
- clashes between EFC and NACE events would be less likely to occur
- NACE members could contribute to EFC WP activities and reports
- NACE-EFC events may attract more delegates and allow fees to be reduced

During this discussion, Prof. Isecke proposed that NACE Europe should be invited to become an EFC Member. It was agreed that this would be discussed with Mr Shankel. However, in order to conform with the EFC Statutes, any application from NACE Europe to join the EFC would have to originate from a European Company.

Mr Pourbaix suggested that two small groups, each of 3 people, should be established to make recommendations to BoA about how to approach the organisation of a joint trade show with NACE and how to broaden attendance at EUROCORR while improving the quality of papers. He undertook to develop his ideas and to report back to the next meeting of BoA.

4-2 *FEMS (Federation of European Materials Societies)*

The MatNet project, which is administered by FEMS, was finally approved to begin on 1st January.

The Scientific Secretary attended the first meeting on Steering Committee on 2nd February in Frankfurt as the EFC representative. At that stage, the only proper proposal to have been received from any of the 10 participating societies was from the EFC and related to Dr Grabke's proposed Network on Materials for Waste Incineration. It was anticipated that support for this work would be forthcoming very shortly.

Item 5 EFC Membership

5-1 *Progress with EFC Membership Card*

Dr Meier reported that 14 EFC Society Members had signed the EFC Membership Card Agreement to date, but few had stated the number of cards that they wanted to receive from DECHEMA. It was agreed that DECHEMA would not print more than 5000 EFC Membership Cards. The EFC Member Societies that had signed the agreement would be free to print the EFC logo on their own membership cards.

5-2 *Application to join from the Bulgarian Society*

Prof. Bonora, immediate Past President of the EFC, had been approached by Bulgaria, which wanted to renew its membership of EFC. No answer had received to date by the Frankfurt Office to a letter sent in January informing Prof. Stoyanov about the application procedure and conditions of EFC Membership.

A further copy of this letter will be sent by the Frankfurt Office. Provided that a written application to join and a copy in English of the Statutes of the Bulgarian

Academy of Sciences are received in time, and if everything is in order, it should be possible for the next BoA to recommend that the General Assembly in Riva del Garda should approve the application.

Item 6 EUROCORR Series

6-1 EUROCORR 2000

Results of EUROCORR 2000 were presented in Appendix 7 of the Working Papers using, for the first time, the EUROCORR Report Forms 1 and 2 from the new EUROCORR Guidelines.

Key points were that:

- the number of registrants (418) was close to the initial target (420);
- there was a good level of industry participation (52 %);
- more non-member authors and non-member delegates registered than had been expected.

Experience from EUROCORR 2000, where 22 technical sessions took place in 7 parallel sessions over 4 days, suggested that in future it would be desirable to increase cooperation between the different Working Parties in order to reduce the overall number of sessions.

6-2 EUROCORR 2001

Prof. Bonora provided details of the program for EUROCORR 2001, which will be held in Italy at Riva del Garda, September 30 – October 4 (see Appendix 2). There will be about 250 contributions in total (orals plus posters) and some presentations are to be kept in reserve to fill any gaps that develop in the scientific programme, details of which had been approved by the WP Chairmen. The full Provisional Programme, including information on delegate fees, hotel bookings and the registration form had been approved before Easter and would be distributed by AIM within a few days.

The STAC meeting will be held on Sunday 30th September, from 9.30 am to 3.00 pm. The BoA meeting is scheduled to take place the same day at 3.00 pm.

The EFC Medal Ceremony will follow the Opening Ceremony and precede the General Assembly which will be held on Monday 1st October at 11.00 am.

It was recommended that Prof. Bonora should advise the organisers:

- to ask the authors, when their communication is accepted, to pay part of the registration fee on submission of their paper in order to confirm its inclusion in the final programme;
- to send the final programme by e-mail to all Working Party Chairmen for approval prior to publication.

6-3 EUROCORR 2003

Mr. Berecz was not able to attend the Frankfurt BoA meeting but sent by e-mail information about the preliminary arrangements for EUROCORR 2003.

The Conference will take place at the end of August or the beginning of September 2003 in Budapest, in conjunction with the special Hungarian event, Hungarocorr.

The first circular will be completed and distributed in autumn 2001.

400-500 participants are expected.

The Scientific and the Organising Committees have been established. The Chairman of the Scientific Committee is Prof. Berecz and the Chairman of the Organising Committee is a young energetic researcher, who will be organise the conference under the supervision of Prof. Erika Kálmán and Ferenc Haskó.

For the next BoA meeting, Prof. Berecz was kindly requested to provide a more detailed presentation including the dates, location and themes of the conference.

6-4 *EUROCORR 2004*

EUROCORR 2004 will be held in France, the only country to have submitted a bid before the deadline of 31st December 2000.

The French organisers, CEFRA COR and SCI, will present the preliminary arrangements at the next BoA meeting.

6-5 *EUROCORR 2005*

Bids to host EUROCORR 2005 have already been received from Spain and Portugal. Members were reminded that any further bids to host EUROCORR 2005 should be submitted in writing to the Scientific Secretary by 31st December 2001.

In order to facilitate the comparison of the different bids for hosting EUROCORR 2005, all 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 at the meeting of BoA to be held in London during Spring 2002.

With regard to the bid from Portugal, BoA requested that Prof. Ferreira should provide BoA with a letter from INETI, the Portuguese Member Society, supporting the bid of the Portuguese Society of Materials.

Item 7 Finance

The Honorary Treasurer's report, which was included in the Working Papers, is up-dated slightly and is presented in Appendix 3.

Concerning the statement of account for the year 1 January – 31 December 2000, it is important to note that this includes the levies from both EUROCORR 1999 and EUROCORR 2000.

Five EFC Society Members had not yet submitted their EFC contributions for the year 2000. In particular, EFC had received no contributions for 2 years from the CSFCE (Italy). Were this situation to continue, BoA would recommend the expulsion of this society at the next General Assembly.

The need for EFC to build up its reserves until there is sufficient for one year's expenditure was emphasised.

BoA approved the Honorary Treasurer's report.

Item 8 EFC Activities

8-1 Scientific Secretary's Report

The Scientific Secretary presented the report on his activities since the last meeting of BoA, which had been included as Appendix 12 of the Working Papers.

BoA approved the Scientific Secretary's Report.

8-2 EFC Publications

A report on the progress of the EFC series was included in the Scientific Secretary's Report, Appendix 12 of the Working Papers.

8-3 EFC Web Sites

Dr Meier reported that the EFC website, www.EFCWEB.org, which provides the EFC Newsletter and pages for the EFC Working Parties should be improved being periodically up-dated with new information. This information could be provided by the Working Party Chairmen who must be encouraged to produce regular contributions for the website.

Item 9 EFC Calendar of Events

An up-dated list of forthcoming events in the EFC calendar is given in Appendix 4.

Item 10 Nominations for EFC Medal

The 2001 EFC Award Jury, Prof. J. M. Costa, Prof. Dr B. Isecke, and Prof. O. Forsén, under the Chairmanship of Mrs L Lunde, met on the afternoon of Thursday 19th April in Frankfurt.

Following the call for nominations, which was sent to all the EFC Members in November 2000, the Paris Office had received 6 nominations by 1st March 2001.

The Jury elected Prof. Einar BARDAL, Norway, as the winner of the 2001 EFC Award.

The EFC Award Ceremony will be held during the Opening Ceremony at the next EUROCORR in Riva del Garda, Italy, on Monday 1st October 2001.

It was agreed that details of nominees for EFC awards should be kept confidential.

Item 11 Administrative Matters

11-1 Nominations for BoA

The Frankfurt Office had solicited nominations for BoA from the Members Societies. The responses received to date were as follows:

Belgium:	Mr A. Pourbaix (Founder Member country)
France:	Mr Ph. Berge (Founder Member country & Presidency)
Germany:	Mr B. Isecke (Founder Member country)
UK:	Mr D. Harrop (Founder Member Country)
Hungary:	Mrs E. Kálmán (Proposed for election)
Italy:	Mr P. L. Bonora (Proposed for re-election)
Spain:	Mr J. M. Costa (Proposed for re-election)
Sweden:	Mr B. Linder (Proposed for re-election)
Romania:	Mr M. O. Radovici (Proposed for election)
Russia:	Mr A.V. Muradov (Proposed for election)

Other nominations were expected and it was agreed that the final list for approval by the General Assembly would be agreed at the meeting of BoA in Riva del Garda.

11-2 Nominations for STAC

The Frankfurt Office had solicited nominations for STAC from the Members Societies. The responses received to date were as follows:

Belgium:	Mr J. Vereecken
France:	Mr Ph. Marcus
Germany:	Mr B. Isecke
Italy:	Mr F. Mazza
Spain:	Mr J. M. Costa
UK:	Mr D. Harrop
Romania:	Mr M. O. Radovici
Russia:	Mr Mr A.V. Muradov

Other nominations were expected and it was agreed that the final list of nominees for approval by the General Assembly would be agreed at the meeting of BoA in Riva del Garda.

In connection with the role of the STAC to encourage, improve and control the work of the Working Parties, the importance of electing members capable of realising this important mission was emphasised. At present, with the President, the 9 elected members, the 16 WP chairmen, the STAC Chairman and the Scientific Secretary, the attendance at STAC is almost 30. Two options for changing the STAC membership rules were discussed:

- 1- STAC should have relatively few elected members (about 6) all with the strong mission to validate and guide the work of the Working Parties;
- 2- STAC should include all of the Working Party Chairmen as full members of STAC.

As these proposals would necessitate a change the STAC rules, it was agreed this matter will be discussed in the Task Force and at the next BoA in Italy.

Item 12 Any other Business

No other matters was raised by the BoA members.

Item 13 Date and Place of next BoA

The next BoA meeting will be held during EUROCRR 2001 in Italy, at 3.00 pm on Sunday 30th September, in a room to be announced later.

A P P E N D I C E S

MINUTES OF THE MEETING ON NACE-EFC COLLABORATION
DECHEMA, FRANKFURT, 19 APRIL 2001

Present: Mr G M Shankel NACE International Executive Director
 Dr J P Berge EFC President
 Ms P Bridou EFC Paris Office
 Dr P McIntyre EFC Scientific Secretary

1. Approval of the Minutes of the last meeting (London, 13 September 2000)

The minutes were approved without change.

2. Matters Arising

2.1 Possibility of a joint NACE-EFC Corrosion Trade Show in Europe

Mr Shankel reported that he had spoken with his Show Manager and it had been concluded that further dialogue would be needed between NACE International and EFC to identify areas of mutual interest before firm proposals could be made.

He expressed concern that attendance levels at the annual NACE Corrosion conference in the USA had been falling. Some venues were more popular than others, but even though Orlando is one of the most attractive conference venues in the USA, attendance levels there in 1996 and 2000 had been disappointing. He felt that the technical content of the NACE Corrosion conferences is good and expressed optimism that plans to offer courses on corrosion training and continuing professional development in conjunction with future events would attract more delegates.

Mr Shankel stated that NACE International was not cooperating too well with NACE Europe. NACE Europe had suggested that a trade show should be held in Europe to attract practising corrosion engineers.

Dr Berge stated that EFC is actively broadening its appeal to industry and it was felt that cooperation with NACE could be helpful. He referred to the meetings on corrosion certification and cathodic protection to be held in Aix en Provence next year which are mainly targeted at technicians and engineers.

Mr Shankel stated that the NACE coating inspector's programme was being put onto CD-ROM and would soon be available in 4 more languages. NACE had licensed its courses in Trinidad and was about to sign agreements with groups in the Middle East and Europe. He believed that it would be helpful to NACE to work jointly with EFC in the certification field and, possibly, on the development of standards.

3. NACE Participation in the Aix Meeting of Certification

Dr Berge invited NACE to provide a general plenary lecture about the NACE approach to certification in the coatings and cathodic protection fields at the meeting in Aix and undertook to arrange for NACE to receive an official invitation from Cefracor.

Action: Dr Berge

Mr Shankel confirmed that someone from NACE will make a presentation in Aix and agreed to provide details of the speaker and the title. He felt that the speaker might be Elaine Bowman, the International Marketing Director of Baker Petrolite (an inhibitor manufacturer), who is to be the next President of NACE.

Action: Mr Shankel

Dr Berge stated that there will be an exhibition on cathodic protection and coatings in Aix and suggested that NACE should cooperate over the arrangements. Both EFC and NACE could attract exhibitors and the proceeds from the exhibition could be shared on a pro-rata basis. This would provide the opportunity to begin cooperation on a small scale to ensure that no unexpected problems arise. He thought that the EFC might attract 15-20 exhibitors from France alone.

Mr Shankel agreed to this proposal and thought that the number of exhibitors could easily be increased to 100. He agreed to provide Mr Berge with a list of potential exhibitors from the fields of coatings and cathodic protection and suggested that NACE should work with EFC on a joint exhibition prospectus that could be sent to potential exhibitors from Europe and the USA.

Action: Mr Shankel

Mr Berge undertook to arrange for Mr Roche to write to NACE about collaboration over the arrangements for the exhibition in Aix and to invite the NACE Exhibits Director to attend a meeting of the Organising Committee for the Aix events in Paris prior to EUROCORR 2001.

Action: Mr Berge

Mr Shankel suggested that the Aix meetings and exhibition should be publicised in the January 2001 issue of Materials Performance. The exhibition could be advertised as a joint EFC/NACE exhibition, and the first venture between the two organisations. The text of the advertisement would be needed by November/December 2001. Ms. Bridou agreed to forward the Acrobat file of the Call for Papers for Aix to NACE.

Action: Mrs Bridou

4. Coordinaton of NACE and EFC Events Calendars

It was agreed that a regular exchange of calendars of forthcoming events should be initiated between NACE and EFC. Dr McIntyre agreed to forward the EFC calendar of events to NACE so that it can publicise them.

Action: Dr McIntyre

Mr Shankel proposed that links should be established between the NACE web sites (in Houston and in each European country) and the EFC web site in Frankfurt. Dr Berge agreed to discuss this possibility with Dr Meier of the Frankfurt Office.

Action: Dr Berge

5. Reciprocal Arrangements for Discounts on Publications

Mr Shankel confirmed that the NACE Board had agreed to a reciprocal arrangement with EFC for all of its products to be available (at NACE member rates) to every member of the EFC Member Societies.

Dr McIntyre undertook to publicise this in the next issue of the EFC Newsletter. He agreed to emphasise the savings available to EFC members on all NACE products (including conferences and

meetings), on quoting their EFC Membership Card number. Reciprocally, all EFC products, including books and conferences, will be made available to NACE members at the EFC member rate on quoting their NACE membership numbers.

Action: Dr McIntyre

It was agreed that the EFC Publications catalogue should be put on the EFC website. Dr McIntyre agreed to discuss this with Dr Meier and to send a supply of printed catalogues to NACE for display at the NACE International Headquarters in Houston.

Action: Dr McIntyre

6. Options for joint NACE-EFC Corrosion Trade Shows in Europe

Looking ahead, Mr Shankel queried the future of EUROCORR and envisaged a new event called "Corrosion Europe with EUROCORR". He suggested that the event could be organised jointly by EFC, NACE and the UK Pipeline Guild. It could include peer-reviewed papers or round table discussions without peer review. The technical sessions would take place in the mornings and the afternoons would be set-aside for three-hour visits to the exhibition. The audience for these events would be less academic than is normally the case at EUROCORR. As well as a trade show the new events would include:

- NACE training courses for engineers and technicians run by people from Europe such as Marc Arav of EMTS;
- a mega book store for publications by all of the corrosion associations in different languages;
- Plant tours throughout the week of the event.

Mr Shankel went on to propose the formation of a joint executive committee to identify venues, set up budgets and oversee the split of profits from the new events, together with separate locally-based organising committees for each event. He also suggested that professional conference organisers could be brought in to run the events.

Dr Berge explained that this was not what EFC envisaged. In his view conferences and large exhibitions do not work well together. He suggested that in 2003 it would be better to hold a joint EFC-NACE Trade Show in Paris during the period October - December 2003 rather than add a joint trade show onto EUROCORR 2003 in Budapest. Mr Shankel agreed to prepare firm proposals for the trade show and the formation of a joint executive committee for further discussion in Riva del Garda.

Action: Mr Shankel

Looking still further, Mr Shankel asked Mr Berge to provide a list of possible venues in industrial European countries for subsequent joint NACE-EFC Trade Shows. These should provide good transportation and facilities for an exhibition of at least 100 stands together with meetings.

Action: Dr Berge

7. Date and Place of Next Meeting

It was agreed that another meeting on NACE-EFC Collaboration should take place during EUROCORR 2001 in Riva del Garda (30 September - 4 October 2001). Dr McIntyre agreed to invite Dr Bufalini of AIM to make provision for such a meeting during the conference.

Action: Dr McIntyre

OUTLINE PROGRAMME FOR EUROCORR 2001

	morning	afternoon
Monday 1 October	Opening Ceremony	Nuclear corrosion Environment sensitive fracture Surface science and mechanisms of corrosion and protection ** Corrosion in Oil and Gas Production ** Corrosion in the Refinery Industry ** Corrosion Inhibitors
Tuesday 2 October	Nuclear Corrosion Environment Sensitive Fracture Surface Science and Mechanisms of Corrosion and Protection ** Corrosion of Reinforcement in Concrete ** Physic-Chemical Methods of Testing Coatings Automotive ** Corrosion Inhibitors	Nuclear Corrosion Environment Sensitive Fracture Surface Science and Mechanisms of Corrosion and Protection ** Corrosion of Reinforcement in Concrete ** Physic-Chemical Methods of Testing Coatings Automotive ** Corrosion by Hot Gases and Combustion Products
Wednesday 3 October	Nuclear Corrosion Environment Sensitive Fracture Surface Science and Mechanisms of Corrosion and Protection ** Corrosion of Reinforcement in Concrete ** Physic-Chemical Methods of Testing Coatings Automotive ** Corrosion by Hot Gases and Combustion Products	Corrosion by Hot Gases and Combustion Products ** Corrosion of Reinforcement in Concrete ** Physic-Chemical Methods of Testing Coatings Automotive ** Marine Corrosion Cathode Protection
Thursday 4 October	Corrosion Education ** Corrosion of Reinforcement in Concrete ** Marine Corrosion Cathode Protection ** Microbial Corrosion	

EUROPEAN FEDERATION OF CORROSION

BOARD OF ADMINISTRATORS

Frankfurt, Germany

20 April 2001

HONORARY TREASURER'S REPORT

HONORARY TREASURER'S REPORT

1. SUMMARY

Close examination of the figures recently made available show that the downward trends apparent 2 years ago have now been reversed so that a modest expansion in EFC activities has been possible. The levy from EUROCORN 2000 has shown a significant profit above budget, in common with the previous 2 years. Overall expenditure has been restrained, leading to an improved surplus for the year and a healthier balance in reserve. This will compensate for the loss of EUROCORN income for the ICC year in 2002.

However, there could be some concern about sustaining maximum subscription income and the administrative costs of collecting the individual contribution rate of 40 Euros has proved to be counterproductive in operational terms. New initiatives have indicated an increasing trend in secretarial time and travel costs. These items have been considered in reviewing the budget for 2002.

2. DRAFT STATEMENT OF ACCOUNTS FOR THE YEAR ENDING 31 DECEMBER 2000

Subscription Income (see Appendix 3.3)

The current list of contributions due up to 31.12.00 from Member Societies is shown. Invoices were issued in May, and a reminder was sent in November. A final reminder has been sent to the remaining five MS in arrears. Contributions are still outstanding from:

- (a) Branch Belge de la SCI
- (b) CSFCE (Italy) 1999 & 2000
- (c) AITIVA (Italy)
- (d) Union of Engineers & Technologists for the Protection of Metals (Serbia)
- (e) Azerbaijan Society for the Protection. of Metals.

CSFCE (Italy) is in serious default for the 2nd time and may qualify for suspension.

In 2001 there will be additional subscriptions (150 Euros each) due from two new members:

The Corrosion Association, Turkey,
"ANTIKOR" International Training & Research Centre, Russia.

Income and Expenditure Account (see Appendix 3.4)

The draft I/E account compares the budget figures for 2000 with the actual result alongside the figures for 1999.

The EUROCORN levies for both 1999 & 2000 have been included, which has inflated the income for the year.

The net result is that the small budgeted surplus of 2050 Euros has been enhanced to 12,577 Euros and the surplus carried forward has now increased to 18,236 Euros - a more satisfactory position.

Balance Sheet (see Appendix 3.5)

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

Notes expanding on particular items of income and expenditure have also been provided in Appendix 3.6.

3. BUDGET FOR 2002 (see Appendix 3.7)

A draft budget for approval by the BoA is offered for consideration. The intention is to present a balanced budget, with the possibility of drawing on reserves if required.

C J L Booker
Honorary Treasurer
25.03.01

2000 CONTRIBUTIONS TO EFC FUNDING (as at 19 March 2001)

Ref.	SOCIETY	COUNTRY	Charge Euros	Received Euros
1	Eisenhutte Osterreich Montanuniversitat	Austria	1000	1000
2	Branche Belge de la SCI	Belgium	700	-
3	CEBELCOR	Belgium	1500	1500
4	Force Instituttet	Denmark	1500	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	CSFCE	Italy	1000	-
12	AITIVA	Italy	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	150
33	Ukranian Association of Corrosionists	Ukraine	150	150
34	Union of Eng. & Tech. for Prot. of Metals	Yugoslavia	150	-
35	Azerbaijan Society for the Prot. of Metals	Azerbaijan	150	-
36	Corrosion Committee of Romanian Academy	Romania	<u>150</u>	<u>150</u>
TOTAL			<u>25200</u>	<u>23050</u>

**EUROPEAN FEDERATION OF CORROSION
DRAFT FINANCIAL STATEMENT
Year ended 31 December 2000**

INCOME AND EXPENDITURE GENERAL FUND

INCOME	Note	2000 budget euro	2000 results euro	1999 results euro
Subscriptions		26,350	25,965	17,800
Less: Subscriptions provided for	(1)	0	233	1,300
Net subscriptions receivable		26,350	25,732	16,500
EUROCORR levy	(2)	4,500	13,535	6,761
Royalties		3,000	2,791	2,136
Other income	(3)	0	0	912
Working party subscriptions		500	0	469
		<u>34,350</u>	<u>42,058</u>	<u>26,778</u>
EXPENDITURE				
<i>Scientific Secretary</i>				
Fees		12,000	11,460	10,385
Special fees re Paris Office		0	0	0
Travel, accommodation, subsistence, postage, stationery & other costs		2,000	3,821	1,937
IoM administration charge		8,000	7,795	8,050
	(4)	<u>22,000</u>	<u>23,076</u>	<u>20,372</u>
Honorary Officers' expenses		3,000	960	929
Support for working parties	(5)	6,500	4,518	6,872
Medal		0	0	1,064
Newsletter		0	0	0
Bank charges		300	245	372
Contingency sum		500	682	0
Total expenditure		<u>32,300</u>	<u>29,481</u>	<u>29,609</u>
(Deficit)/Surplus		<u>2,050</u>	<u>12,577</u>	<u>(2,831)</u>
Exchange gains		0	(902)	1,242
(Deficit)/surplus for the year		<u>2,050</u>	<u>11,675</u>	<u>(1,589)</u>
Surplus brought forward		6,561	6,561	8,150
Surplus carried forward		<u>8,611</u>	<u>18,236</u>	<u>6,561</u>

**EUROPEAN FEDERATION OF CORROSION
DRAFT FINANCIAL STATEMENT
Year ended 31 December 2000**

EDUCATIONAL FUND

	31/12/00 euro	31/12/99 euro
Grant received	0	4,025
Surplus brought forward	4,025	
Surplus carried forward	<u>4,025</u>	<u>4,025</u>

BALANCE SHEET

	31/12/00 euro	31/12/99 euro
Current assets		
Current year subscriptions (6)	6,400	1,800
Other debtors	6,270	274
Amount held by IoM	11,091	12,162
	<u>23,761</u>	<u>14,236</u>
Current liabilities		
Creditors and accruals	1,500	3,650
Net assets	<u>22,261</u>	<u>10,586</u>
General fund	18,236	6,561
Education fund	4,025	4,025
Total funds	<u>22,261</u>	<u>10,586</u>

EUROPEAN FEDERATION OF CORROSION

NOTES TO DRAFT FINANCIAL STATEMENTS

1) Subscriptions provided for	2000 results		1999 results	
	euro		euro	
Branche Belge				300
BVM (Netherlands)				800
Ukraine				200
		<u>0</u>		<u>1,300</u>
2) EUROCORR	euro		euro	
EUROCORR 2000		6,270		0
EUROCORR 1999		7,265		0
EUROCORR 1998		0		6,131
EUROCORR 1997				630
		<u>13,535</u>		<u>6,761</u>
3) Other income	£	euro	£	euro
EFC workshop levy		0	417	650
Delegate recruitment PCE99		0	62	100
Contribution to meeting costs		0	100	161
Newsletter sales		0	0	0
	<u>0</u>	<u>0</u>	<u>579</u>	<u>911</u>
4) Scientific Secretary	£	euro	£	euro
Fees	7,351	11,460	6,450	10,385
Fees re Paris office		0		
Postage	99	154	110	177
Printing & stationery	0	0	182	293
Travel & accommodation	2,352	3,667	908	1,462
Miscellaneous	0	0	3	5
Expenses	2,451	3,821	1,203	1,937
IoM administration charge	5,000	7,795	5,000	8,050
	<u>14,802</u>	<u>23,076</u>	<u>12,653</u>	<u>20,372</u>
5) Support for working parties	£	Euro	£	Euro
Scientific Secretary fees	770	1,200	750	1,208
Postage & courier costs		0	630	1,014
Other 2000 costs (paid)		1,250	657	1,000
Other 2000 costs (accrued)		1,500		3,650
Prior year costs		568		
	<u>770</u>	<u>4,518</u>	<u>2,037</u>	<u>6,872</u>

EUROPEAN FEDERATION OF CORROSION
PROPOSED BUDGET FOR 2002

	<u>EXPENDITURE</u>		
	2000 Actual euros	2001	<u>Budget</u> 2002 euros
Scientific Secretary:			
Fees	11460	12000	12000
Travel & postage etc	3281	2000	3000
Administration charge	7795	8000	8000
Newsletter	0	0	0
Honorary officers expenses	960	3000	2000
European Corrosion Medal	0	1000	0
Support for Working Parties	4518	6500	4550
Bank charges	245	400	300
Contingency sum	682	800	800
	<u>29481</u>	<u>33700</u>	<u>30650</u>
<u>INCOME</u>			
Subscriptions	25732	26350	26650
Newsletter sales	0	0	0
Eurocorr Congress levy	13535	4500	1000
Royalties	2791	3000	3000
Individual membership	0	500	0
Other income	0	0	0
Exchange gains	(902)	0	0
	<u>41156</u>	<u>34350</u>	<u>30650</u>
(Deficit)/Surplus	11675	650	0

EFC CALENDAR OF FORTHCOMING EFC EVENTS

Date/venue	Conference	Contact
14-17 May 2001 Jurata, Hel Peninsula, Poland	International Workshop on Application of Electrochemical Techniques to Organic Coatings (EFC Event No. 252)	Prof. K. Darowicki/Dr. J. Bordzilowski Dept. of Anticorrosion Technology Technical University of Gdansk Narutowicza Str, 11/12 PL 80-952 Gdansk, Poland fax: +4858 347-2483 e-mail: zak@chem.pg.gda.pl
10-13 June 2001 Frankfurt am Main Germany	Biodeterioration and Materials (EFC Event No. 255)	Ms. X. Wu DECHEMA e.V. Theodor-Heuss-Allee 25, 60486 Frankfurt am Main Germany fax: +49 69 7564 176 e-mail: wu@dechema.de
21-24 August 2001 Helsinki, Finland	10 th International Symposium on Corrosion in the Pulp and Paper Industry (EFC Event No. 249)	Tero Hakkarainen VTT Manufacturing Technology P.O. Box 1704, FIN-02044 VTT, FINLAND Fax: +358 9 456 7002 e-mail: tero.hakkarainen@vtt.fi
16-21 September 2001 Moran, Wyoming, USA	Corrosion Deformation Interactions 2001 (CDI 2001) (EFC Event No. 247)	Thierry Magnin Ecole des Mines, Centre SMS 158 Cours Fauriel, F-42023 St. Etienne Cedex 02, France Fax: +33 477 420157 e-mail: magnin@emse.fr
30 September – 4 October 2001 Lake Garda, Italy	EUROCORR 2001 (EFC Event No. 246)	AIM, Piazzale Rodolfo Morandi 2, 20121 Milano, Italy Fax: +39 02 7602 0551 e-mail: aim@fast.mi.it
26-29 November 2001 Caderache, France	Prediction of Long Term Corrosion Behaviour in Nuclear Waste Systems (International Workshop - EFC Event No. 256)	Dr D. Feron, CEAIDPC/SCCME Bâtiment 458, 91191 Gif Sur Yvette, France fax: +33 (0) 1 69 08 15 86 e-mail: damien.feron@cea.fr
9-10 May 2002	Symposium on Cathodic Protection - Theory and Practice (EFC Event Number 250)	Prof. K. Darowicki/Dr J. Jankowski Dept. of Anticorrosion Technology Technical University of Gdansk Narutowicza 11/12, PL 80-952 Gdansk Poland Fax: +4858 347 1092
15-17 May 2002 Pamplona, Spain	Corrosion by Carbon and Nitrogen - Metal Dusting, Carburisation and Nitridation (EFC Event No. 258)	Prof. Dr. H. J. Grabke Max-Planck-Institut für Eisenforschung Postfach 140 444, 40074 Diisseldorf Germany fax: +49 211 6792 277 e-mail: grabke@mpie.de

EFC CALENDAR OF FORTHCOMING EFC EVENTS - CONTINUED

4-5 June 2002 Aix en Provence France	Corrosion Certification: The European Approach (EFC Event No. 253)	Daniel Copin CEFRACOR, 28 rue Saint-Dominique 75007 Paris, France fax: +33 (0) 1 45 55 90 74 e-mail: cefracor@club-internet.fr
6-7 June 2002 Aix en Provence France	Cathodic Protection and Associated Coatings (EFC Event No. 254)	Daniel Copin CEFRACOR, 28 rue Saint-Dominique 75007 Paris, France fax: +33 (0) 1 45 55 90 74 e-mail: cefracor@club-internet.fr
23-27 September 2002 Fontevraud France	Fontevraud V: Contribution of Materials Investigation to the Resolution of Problems Encountered in Pressurised Water Reactors (EFC Event No. 259)	SFEN - Fontevraud V 67 rue Blomet F-75015 Paris, France