

Working Party 9 on
MARINE CORROSION

MINUTES OF MEETING 27 SEPTEMBER 2006
AT EUROCORR 2006 CONFERENCE, MAASTRICHT, NETHERLANDS

Present:

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1. OPENING AND WELCOME

The chairman, Ulf Kivisäkk opened the meeting. It was agreed that Anna Juhlin would take minutes.

2. APOLOGIES FOR ABSENCE

Apologies for absence had been received from J. Birn, O. Lahodny-Sarc, E. Rislund, G. Ferrari, L. Berthagen, J. Audouard, D. Feron, R. Francis, M. Wilms, I. Skalsky, Ö. Strandmyr and L. Wegrelius.

3. MINUTES OF LAST MEETING – 6 SEPTEMBER 2005 AT CEA, PORTUGAL

The minutes of the meeting of 6th September 2005 in Portugal were presented by Ulf Kivisäkk and approved.

There has been one change in registration requirements. From this conference and forward is registration of the Eurocorr conference for one whole day necessary in order to attend any working party meeting. This may have a negative effect on the number of attendants of these meetings.

4. STATUS ON ONGOING WORK ON EFC-PUBLICATIONS

Book “Corrosion behaviour of copper and aluminium alloys in seawater”

The work is going well, the book has been sent to the editor. Some figures need to be presented in better resolution before printing, the responsible persons have been notified.

Book “Methology of crevice corrosion testing for stainless steels in natural and treated seawaters” (Crevcorr)

One paper included in the book has still not had the final review. Discussion is ongoing with Bård (DNV), therefore has the book not been sent to the editor yet. The book only covers the Crevcorr project, commenting the previous written report.

Not everyone has received summarizing information regarding round robin test within Crevcorr. Kivisäkk will contact Bård.

5 NEW ACTIVITIES FOR THE WORKING PARTY 9 “MARINE CORROSION”

Standardize Crevcorr results

- An initiative to standardize the new synthetic seawater with bio capacity has been made by France
- ISO has taken up the task
- The issue of the “Green book” is probably needed for a faster progress

Comments:

It would be useful to have an ISO document summarizing the Crevcorr project. However this should not be a fully detailed instruction, but rather guidelines. It was decided that work regarding this should start after the green book is out and the initiative should come from Sweden or Norway.

Survey of existing seawater testing laboratories

It would be useful to have an updated list of laboratories in Europe and outside of Europe that can perform seawater testing. This list would be published as a free of charge, PDF-file on the homepage. At this stage round-robin trials should not be aimed at. The list should also be complemented with a list of possible locations where exposure of seawater can be performed.

Kivisäkk will make a form to send out to the members of the working party in different countries, in order to start collecting information.

Kivisäkk has received an email from Leif Berthagen where he is stating that there is a lack of methods used for testing Cu-Ni alloys in seawater, he also states that there is lack of data and that he has some new data. It was a little uncertain what he wanted the working party to do, and Ulf encouraged him to participate in the meetings to explain further and also to present his new data at Eurocorr next year.

6 EUROCORN 2006

- Joint session with WP:s Cathodic protection and Oil and Gas
6 presentations
Peak attendance of more than 65 persons
- Marine corrosions session
Keynote: Bob Kain
9 presentations
2 posters (one which was not presented)

EUROCORR 2007

- Freiburg, Germany
9-13 September 2007
- Deadlines
Abstracts due 15 January 2007
Notification of acceptance to authors in March 2007
Final paper 15 June 2007
- Working party Marine Corrosion
Marine corrosion session
Joint session with cathodic protection and oil and gas
Workshop about heat exchangers

The joint session with Cathodic protection and Oil and Gas Was successful and should be repeated next year. However next year should this session have a larger room and also a better screen to present the presentations on. Roy Johnson should be invited next year to speak in this session.

From now on will Dechema organize parts of the Eurocorr conferences instead of local organisations.

A heat exchanger session with open discussion after lectures should be held next year. Both Total and Statoil is interested in heat exchanger session. Kivisäkk will put together one page explaining the aim of a heat exchanger session and the working party will together invite people for this session. Schleich will help forming a task group.

- Eurocorr 2007 - Freiburg
- Eurocorr 2008 - Edinburgh
- Eurocorr 2009 - Nice
- Eurocorr 2010 - Still open

7 ANY OTHER BUSINESS

ASTM subcommittee J01.09 corrosion in natural seawater responsible for two standards, the G78 and G52. There is a task group working on corrosion of aluminium alloys in seawater.

8 NEXT MEETING AND CLOSURE

It was concluded that there is no need for a spring WP meeting, communication can be done via email. Meeting will be during next Eurocorr, however at a better time, not during Oil and Gas session.