



# Working Party on **MARINE CORROSION**

MINUTES OF MEETING  
23 MAY 2005  
AT CEA HEADQUATER, PARIS

**Present:**

I. Dupont-Morrall, F  
B. Espelid, N  
D. Feron, F  
S. Huzinga, NL  
U. Kivisäkk, S  
M. Peet, GB  
W. Schleich, D

**1. OPENING AND WELCOME**

After a presentation of CEA by D. Feron, the chairman opened the meeting and presented the agenda for approval. The agenda was accepted.

**2. APOLOGIES FOR ABCSENCE**

Apologies for absence had been received from the following:

J. Birn, PL  
L. Berthagen, S  
R. Francis, GB  
R. Johnsen, N  
O. Lahodney-Sarc, HR  
A. Mollica, I  
J. Oldfield, GB  
E. Rislund, DK  
I. Skalski, PL  
Ö. Strandmyr, N

### **3. MINUTES OF LAST MEETING**

The minutes from last meeting during Eurocorr in Nice had been distributed by e-mail by the WP:s secretary before the meeting. The minutes was presented and approved.

### **4. STATUS OF ONGOING WORK ON EFC-PUBLICATIONS**

D. Feron presented the status of work on the book “Corrosion behavior of copper and aluminum alloys in sea water.” After discussion, it was decided to change the title to “Corrosion behavior and protection of non-ferrous materials in seawater.” The book will contain two parts: Copper Alloys and Anode Materials. A reviewing committee was formed with the following members: M. Jassner, W. Schleich, B. Espelid, D. Feron and G. Ferrari, and a meeting will take place in June. The aim is that the papers should be reviewed before the vacation and the revised papers returned in September.

B. Espelid presented the work on the book based on the work from the Crevcorr-project, “Methology of crevice corrosion testing for stainless steels in natural and treated seawaters.” The main conclusions from the Round-Robin test of the developed new synthetic seawater were discussed and

### **5. FUTURE ACTIVITIES FOR THE WORKING PARTY 9 “MARINE CORROSION”.**

Information.

The membership records needs to be updated and supplemented with e-mail addresses. Further it is a good idea looking into to have a homepage at the EFC webpage for information. The chairman will work with these items.

Standardization of the methods from Crevcorr.

In the Crevcorr project, test methods were developed. The ISO committee TC 157 WG 9 has included the test method as a work item. The work item is a French initiative. It was decided that following up this standardization process should be an activity for the working party.

Waterbone.

I. Dupont-Morrall presented the EU Technology Platform “Waterborne”. The project relates to all maritime activities such as offshore, fishing and ships. As one part corrosion of metals is included and for marine corrosion. The platform is within the 7:th framework and a vision 2020 is formed. It is possible that the working party can play a role in the platform.

Cathodic protection of CuNi in seawater.

There is a need to work with cathodic protection with CuNi in seawater with issues as potential and H<sub>2</sub>S. A proposal of this activity will be presented at the next meeting.

## **6. EUROCORR 2005**

The chairman informed about the status of the marine corrosion session for Eurocorr 2005. Only 10 abstracts have been received, two of them posters. The local organizing committee has plans to make a combined session with the Microbiologic Corrosion session. Contacts have been taken with R. Gubner who is the chairman for that Working Party.

## **7. ANY OTHER BUSINESS**

W. Schleich presented an update of the German project "Effect of chlorination on the corrosion behavior of CuNi 90/10 in seawater. Testing will be performed with 0.0 to 5.0 ppm chlorination in ASTM seawater.

W. Schleich presented a CD-Rom and a website with seawater related papers of Cu-alloys.

I. Dupont-Morrall presented her laboratory Corrodys with a staff of persons. It is centre for marine and biological corrosion studies. Corrodys has an installation called SIRIUS that can test materials and coatings in natural conditions of seawater.

## **8. NEXT MEETING**

The next meeting of the working party will be held during Eurocorr in Lisbon. The exact date and time will be communicated when decided by Eurocorr.

## **9. CLOSURE**

The chairman closed the meeting and thanked the attendants and D. Feron for kindly hosting the meeting.