Summary of main discussions and decisions

- Publication of the NACE/EFC WP9 book in progress: expected within 30 weeks;
- Process started at ISO for the standardization of the Crevcorr method;
- Decision is made to organize a workshop on wind farms and renewable energies;
- US Navy representatives have informed the committee of their interest in organizing a joint session on military corrosion issues.
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1. Welcome and opening
The meeting was opened by the Chairman, Ulf Kivisäkk, who shortly presented the agenda and asked the attendees to introduce themselves.

2. Apologies for absence
The following apologies for absence were received: Olga Lahodny-Sarc, Roger Francis.

3. Approval of the minutes of the last meetings
The minutes of the last meeting (Moscow) were approved without any modification.

4. Report from the STAC meeting
It has been recalled by the STAC that the working party meetings are organised firstly for members of national corrosion societies, which in turn are members of the EFC.

5. Report from Eurocorr 2011
Technical sessions have been organised by the WP 9:
- Marine and offshore cathodic protection : 5 oral presentations
- Marine corrosion in the oil & gas industry : 6 oral presentations
- Marine corrosion : 5 oral presentations

6. Marine corrosion sessions for Eurocorr 2012
It has been proposed to organise a general session on marine corrosion and joint sessions with other WP regarding the following topics :
- Environmental sensitive fracture
- Oil & gas
- Microbial corrosion in maritime

A workshop on offshore wind turbine and renewable energies has been proposed. Problems are emerging now regarding CP, coatings, corrosion inside the foundation. Other farms are under construction and it is important to act now. P. Dent and Lisbeth Hilbert will contact people to organise this workshop or session.

Representatives from the US navy corps informed the WP9 committee that they are interested in the possible organisation of an EFC/Nace session on military issues.

It was also stated by other US Navy participants that the US Navy would like to do some collaboration on military corrosion and to do some joint work. A session could be possibly organised on “corrosion control in the acquisition process”. Some presentations have been cleared for public release and it could be interesting to share a lot of lessons learned. The following topics could be included: prediction, construction processes, experience….
7. Activities of the WP9

a. Update on the work with publication of “the avoidance of corrosion in the offshore marine environment”

The book has been reviewed by EFC and Nace. Today, the book is in the process of being published and hopefully will be published in 30 weeks.

b. Collaboration with NACE on the IMO advisory council

No progress done on this topic.

c. Standardization of the Crevcorr Test Method

Presentation from Mari Sparr, Swerea Kimab Stockholm, responsible for standardization.

The standardization of the method is under progress at the ISO TC 156 committee.

A draft has been proposed: Crevice Corrosion Formers for flat specimens or tubes of stainless steel in corrosive solution”. The idea is to make it general and have a paper describing how to use crevice formers.

In addition, there will be also a standard on the determination and evaluation of crevice corrosion.

This idea was presented at the last iso meeting in june.

However, the process is long and a lot of discussions will take place. It will take around 3 years and these standards are expected at the soonest in 2014.

It is planned to discuss this standard through the iso we site and to send messages to the WP members to inform them when the draft is ready.

The standards are not specific for sea water.

d. Implementation of e-learning modules

Collaboration with Nace is proposed. However, this work will be started once the book is published.

8. Any other business and new activities

New activities/topics are suggested by the attendees:

- Biofilm problems with coolers and condensers. How to clean 90.10?
- Fuel cells: but not covered by this WP.
- Organize some summer schools to share the knowledge; short courses before Eurocorr. Why not in 2013?

9. Next meeting

The next meeting of EFC WP9 will be organised during Eurocorr’2012 in Istanbul, Turkey.

No intermediate meeting will be organized.
10. Closure

U. Kivisäkk closed the meeting and thanked the attendees and contributors.