

Announcement

Improving Corrosion Control of Ships



A Workshop during EUROCORR 2016
11-15 September 2016, Montpellier, France

The marine environment is notoriously one of the most corrosive natural environments, resulting for ship owners in possible injurious consequences concerning security, availability and running costs. However, in this area it can be noticed that the rules of certification bodies express few requirements regarding Corrosion Control. It can also be noticed that the warranty for protective coatings is generally very low (1 to 3 years).

Today, more and more owners would like to increase the performance of their ships, particularly in terms of maintenance and costs reduction. This will require taking into consideration a better corrosion control.

At the same time, many field proven technical solutions are not available anymore due to their suppression coming essentially from environment regulations (REACH, Biocides directives, etc).

In this context, the present workshop is targeted at considering new approaches and solutions focusing on the three following topics:

- **Corrosion and Fouling in seawater piping systems** for various metallic technologies in use, including : Fouling Control systems (commonly used and emerging), corrosion and fouling sensors;
- **Cathodic Protection optimization** including: laboratory measurements, measurements on ships in operation, physical and numerical modeling, sensors, propeller coatings;
- **Improving the performance of protective coatings** including: accelerated ageing tests for atmosphere, accelerated ageing tests for immersion, paint degradation mechanisms, surface cleanliness.

The target audience of this workshop includes test and R&D laboratories, ship owners, ship builders, engineering offices.

In particular, the presentation of the main results of the CCNS project (Corrosion Control for Navy Ships) of the EDA (European Defense Agency) with a participation of US Navy is expected.

Workshop Chair:

D. Thierry
French Corrosion Institute, FR