



CORONAV

HIGH-DEFINITION CORROSION CONTROL

How can corrosion be detected on the most inaccessible parts of a ship, such as the outer painted hull, decks concealed by thick surface treatments, double hulls and complex piping carrying liquids? How can accurate and thorough checks be done avoiding dismantling or damage and ensuring no speck of rust has escaped detection?

The major company, DCN Brest, along with two small businesses, RoboPlanet and TE2M, are joining forces with the ENSIETA lab to design and produce the only detection system of its kind on the market. It will be more reliable and easier to deploy than any other inspection sampling systems currently available. Combining the areas of expertise of the two smaller companies – ultrasound and electromagnetic technology – the projected system involves plotting a dense network of inspection points across the entire surface of any type of naval or merchant vessel.

CORONAV will be offering an innovative solution to major problems encountered by ship repair yards, classification companies and also ship owners who, given increasingly stringent regulations governing maritime safety, will find it more and more in their interests to anticipate potential corrosion and maintenance problems in their fleets.

Partners

Companies

Naval Group, Brest [Project Developer]
Roboplanet, Brest
TE2M, Brest

Research center

ENSTA Bretagne, Brest

Funders

- Conseil régional de Bretagne
- Conseil départemental du Finistère
- Brest métropole

Labelisation

24/02/2006

Overall budget

480 K€