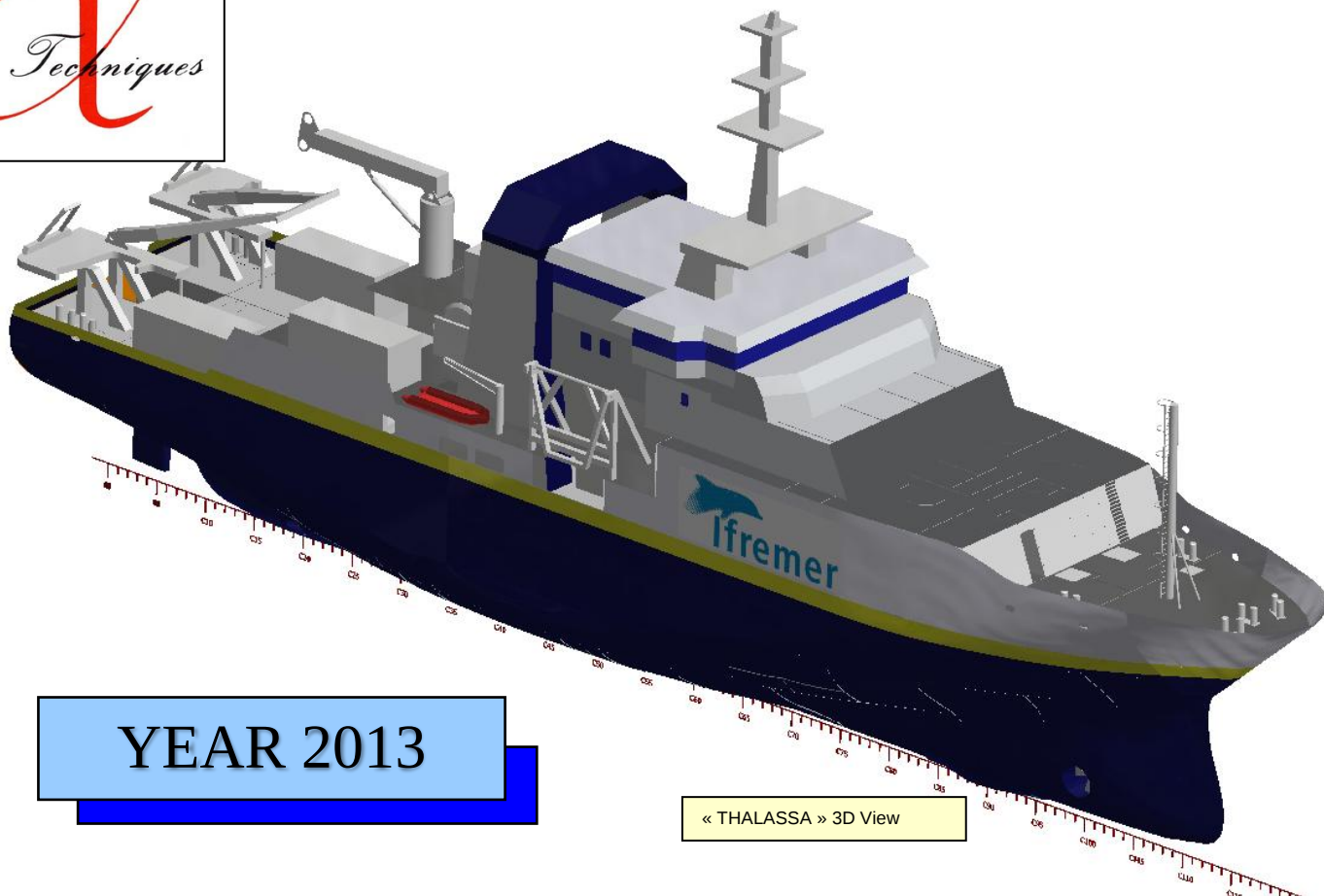




YEAR 2013

« THALASSA » 3D View

- NAVAL- OFFSHORE -

Oceanographic vessel « THALASSA »

- Dimensional sketching on board
- Creation of a 3D general view

Oceanographic vessel « MARION DUFRESNE »

- Containers installation on deck
- « G » deck structural checking due to streamers winches installation



« MARION DUFRESNE »



ILE DE BREHAT
ROV Installation

Cable layer « ILE DE BREHAT » & « ILE DE SEIN »

- ROV & scientific winch installation
- Structural checking and associated calculation note

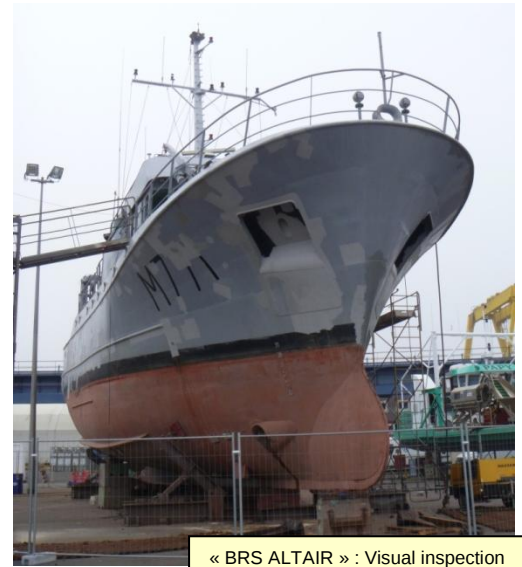


VISUAL INSPECTION

- LV « LAVALLEE »
- LV « LE HENAFF »
- BRS « ALTAIR »
- Aviso « Cdt DUCUING »
- BEGM « THETIS »

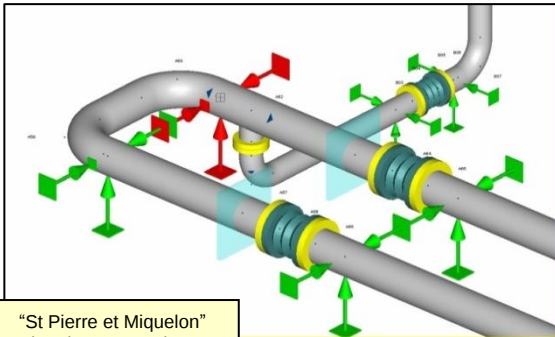
US GAUGING (BV & DNV approval)

- Container ship « FORT SAINT LOUIS, FORT SAINTE MARIE »
- Cable layer « RAYMOND CROZE »
- Gas carrier « BACHIR CHIHANI »
- Pontoon « DINO II »
- Seismic vessel « CGG SYMPHONIE »



« BRS ALTAIR » : Visual inspection

- INDUSTRY -



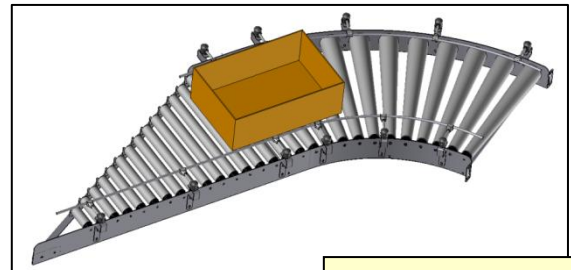
"St Pierre et Miquelon"
heating power plant

"St PIERRE et MIQUELON" HEATING POWER PLANT

- Heating network: piping grid modeling, expansion joints calculation and stress on supports

COAXIAL

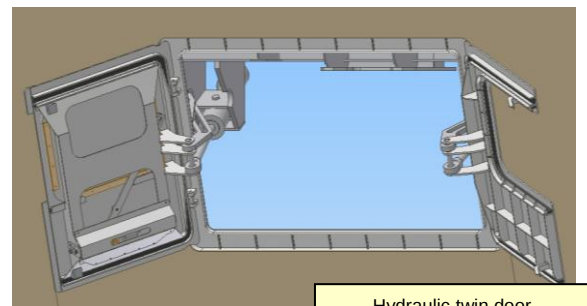
- Details of a cardboard boxes conveyor



Cardboard boxes conveyor

THALES UNDERWATER SYSTEMS

- FLASH winch sizing : 3 steps in optimization of material and thicknesses
- FLASH pedestal : FEM calculation
- Involvement in several externalized projects
- Drawings for installation of a new sonar, handling winch & hydraulic twin door definition ...
- Detailed scope of work : Dismantling works, shop making, structural works on board, material installation, trials & commissioning, weight balance & stability impact



Hydraulic twin door

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