



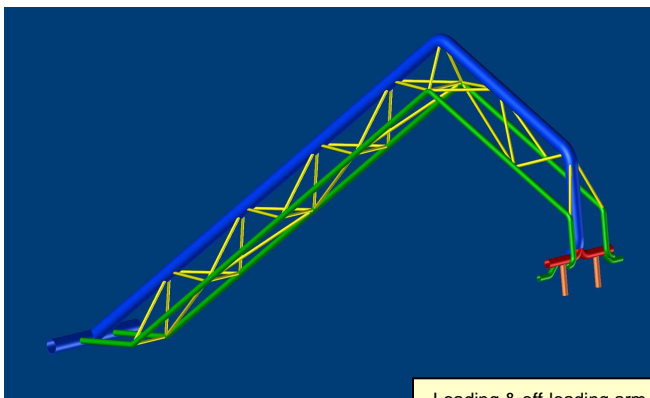
YEAR 2008

PONT AVEN & BAR PROTECTOR

HIGHLIGHTED ACTIVITIES OF YEAR 2008

Cable Layer « LODBROG »

- Sounding table of a new water ballast tank: Volume calculation according to water height (every 5cm) and ship trim



Loading & off-loading arm

Brest port aera

- Design of tubular structure able to ballast ships in dry dock n°3
- Design of working drawings according to different vessel classes.
- Structure calculation

Supply « Bar Protector »

- Sheet metal working:
Design of tween deck, new subdivision, stairs...
- Pump installation (seating and piping associated)

Car ferry « PONT AVEN »

- Design of a new sliding door to replace a rolling shield (5m x 6m)

ALPHA TECHNIQUES

Port de commerce
4, rue de Madagascar
29200 BREST

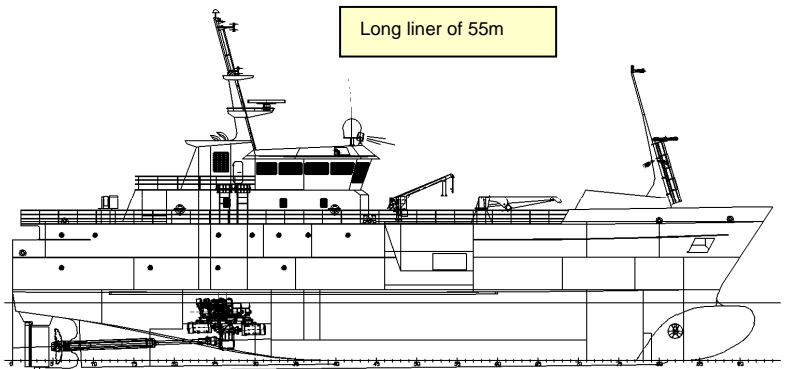
Tél. 02 98 43 37 36
Fax. 02 98 44 96 15
e-mail : alpha-tech@wanadoo.fr
www.alpha-techniques.com

SARL au capital de 9600€
R.C.S. Brest B 341 414 704
Code APE 742.C.



55m Long liner

- Piping diagram (fuel supply, cooling fresh water...)
- Coordination drawings of propeller room



Long liner of 55m



« MN COLIBRI » Structure calculation

Fishing boat « GRANDE HERMINE »

- Management of inclining test and analysis

Roll-on/roll-off ship « MN COLIBRI »

- Main deck and bulkheads calculation associated to storage of rocket tanks into the MN COLIBRI garage.

« AQUILA » project

Drawings design, calculation notes and specifications:

- Ballast tanks ultrasonic thickness measurement
- Anchoring forward turret
- Aft helideck
- Arrangement extensions
- Mooring procedure between 2 ships during the offloading
- Arrangement of Topside modules on upper deck (maximum unitary weight 600T in operation)
- Equipments relative to offloading



« AQUILA » Conversion of a tanker into FPSO



ABEILLE LANGUEDOC : Thickness measurement

HULL SURVEY

- Tug « ABEILLE LANGUEDOC » classified BV
- Roll-on/roll-off ship « MN PELLICAN » classified DNV
- Chemical tanker « FS MILA » classified DNV
- Military ship « TENACE » et « LEOPARD »
- Oceanographic vessel « LAPEROUSE »

ALPHA TECHNIQUES

Port de commerce
4, rue de Madagascar
29200 BREST

Tél. 02 98 43 37 36
Fax. 02 98 44 96 15
e-mail : alpha-tech@wanadoo.fr
www.alpha-techniques.com

SARL au capital de 9600€
R.C.S. Brest B 341 414 704
Code APE 742.C.