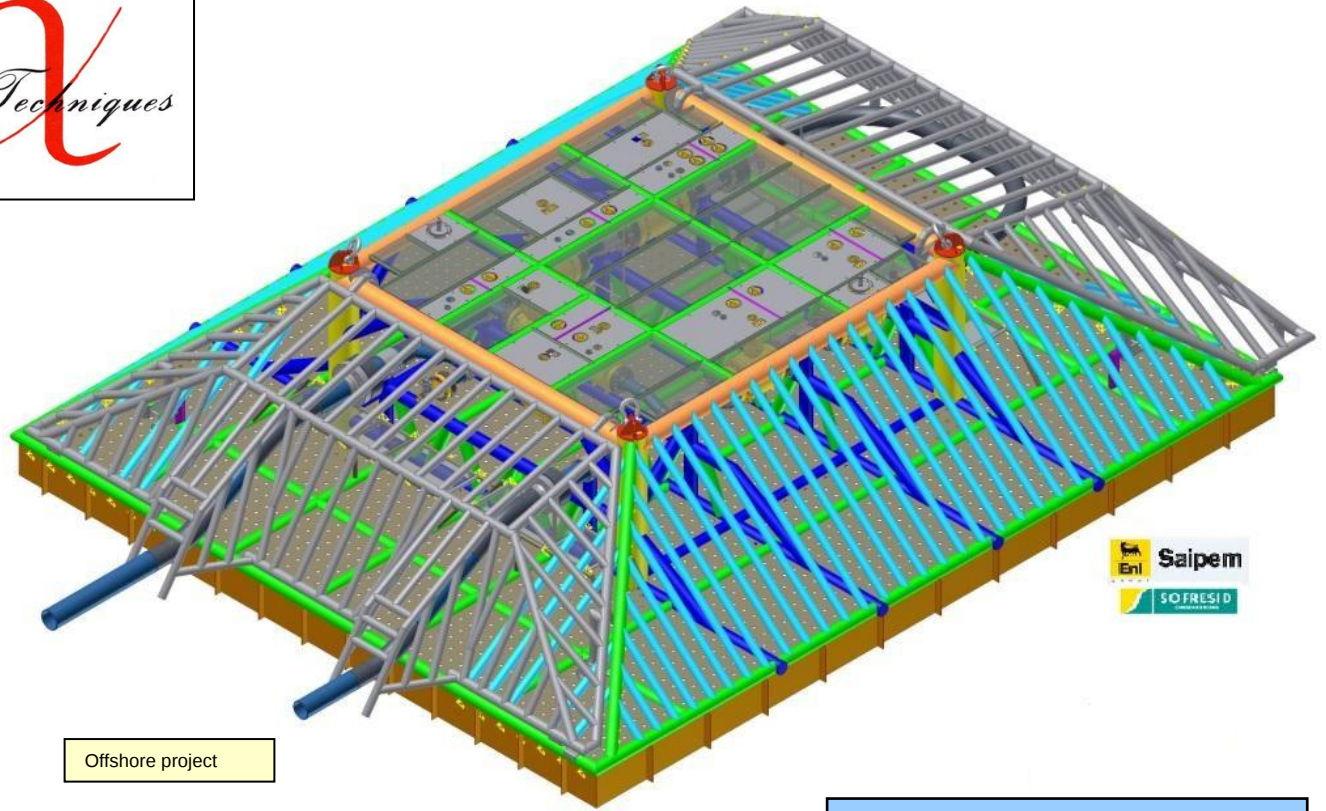




Offshore project



YEAR 2012

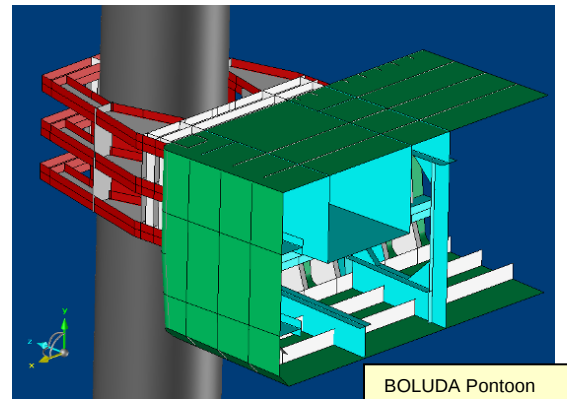
- NAVAL- OFFSHORE -

Subsea project:

- Flow lines connecting system for oil & gas fields

Pontoon BOLUDA:

- Structural survey
- Additional equipment for tugs & pilot boat berthing



BOLUDA Pontoon



Ferry boat : « NORMANDIE »

Ferry boat «NORMANDIE »:

- New platform dedicated to fast rescue boat
- Associated calculation note

ALPHA TECHNIQUES

Port de commerce
4, rue de Madagascar
29200 BREST
Tél. +332 98 43 37 36

SARL au capital de 9600€
R.C.S. Brest B 341 414 704
e-mail : alpha-tech@wanadoo.fr
Site : alpha-techniques.com

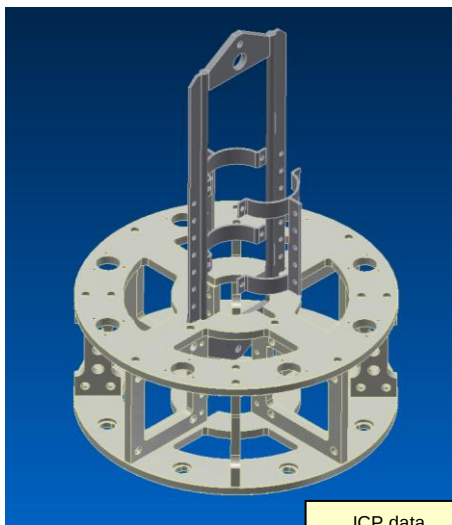




ULTRA SONIC GAUGIG (BV & DNV accreditation)

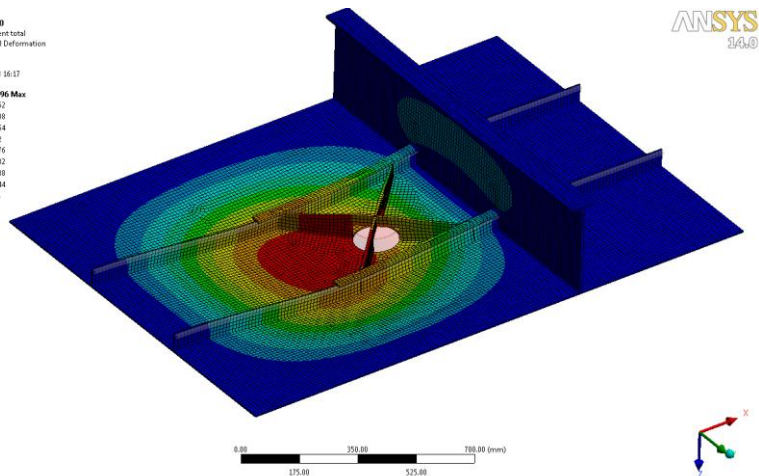
- War vessels « Tigre, Chacal, Styx »
- Supplies « ALCYON, VN PARTISAN, LANGEVIN »
- LNG carrier « STENA PERROS »
- Tanker supply vessel « SOMME »
- Pontoons « LE TER, BOLUDA, HMS1 »

- INDUSTRY -



Al-E14.56.0
Displacement total
Type: Total Deformation
Unit: mm
Time: 1
30/03/2013 16:17

0.96696 Max
0.85952
0.75208
0.64464
0.53772
0.42876
0.32232
0.21480
0.10744
0 Min



CNN - MCO :

IFREMER :

- 3D drawing of an aluminium support & collars

- Helideck embedment of new lashing points
- Associated reinforcements
- FEM calculation



THALES UNDERWATER SYSTEMS :

- Contribution to one sonar launching & recovering system design studies within Thalès Underwater Systems engineering department THALES UNDERWATER SYSTEMS

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