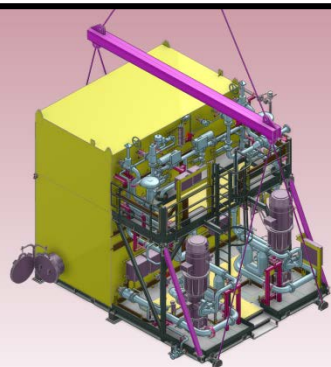


**NLI**

PDMS SERVICES



Unique Competence – Unique Solutions



Foam package for Martin Linge with E3D

Our Competence

PDMS was selected as main CAD tool for project execution in 2008. Since then it's been developed and enhanced to meet both client expectations and general efficiency requirements. NLI knows the expectations and requirements governing the Norwegian offshore market and has skills to meet them.

As a company of moderate size, NLI knows that understanding the scope of work is the key of correct model definition, deliverable definition, and general way of work.

Our contributions may be:

- Single CAD engineers for modeling
- Multidiscipline CAD teams for modeling and engineering
- CATS and specs within all black disciplines
- Software development – PDMS specific: pml1/pml2
- Software interface – C#/Visual basic
- Organization setup based upon project experience and CAD tool possibilities and limitations.
- PDMS Draft set up and administration
- PDMS Draft CAD engineers for drafting
- PDMS set up from scratch based upon specific project or special demands
- Status and progress management
- Import and export functionality

About NLI

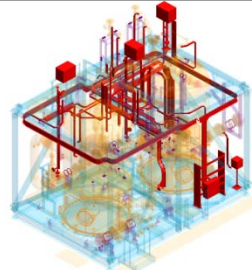
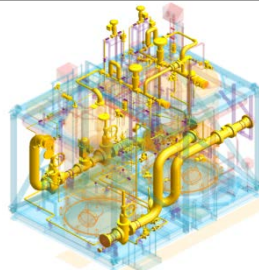
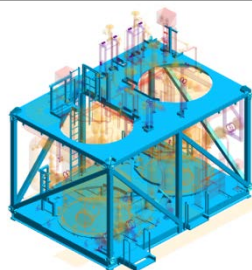
NLI is a group of companies supplying engineering and fabrication services, technology products and process solutions to the offshore oil and gas industry. We undertake the complete responsibility from concept development to manufactured product.

Our mission is to make life easy for our customers. To fulfill this goal we focus on competence development, high quality, flexibility and punctuality. NLI has today approximately 200 highly qualified employees.

Contact Information

For Inquiries, please contact:

NLI Engineering AS
Even Hatlo Andersen, Managing Director
E: Even.Hatlo.Andersen@nli.no
T: +47 920 91 194



Compact flotation unit for Eldisk – shown with different disciplines

Project references

GINA KROG – EPC x 3

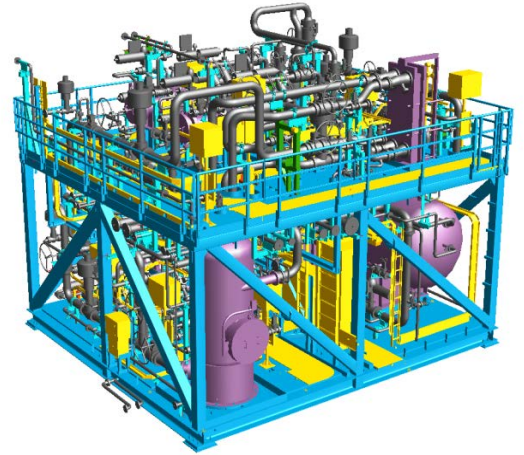
Client: Schlumberger/Statoil

Scope: 1 produced water treatment module (75 MT)
1 sand removal package (17 MT)
1 drain water treatment (4.5 MT)

Responsibility for engineering, design, procurement and fabrication. All fabrication deliverables collected from PDMS

Execution:
All three skids were conducted within the same model, executed simultaneously.

Finalized: 2015



Voyageur FPSO - Extensive maintenance and modification

Client: Sevan Marine/Teekay

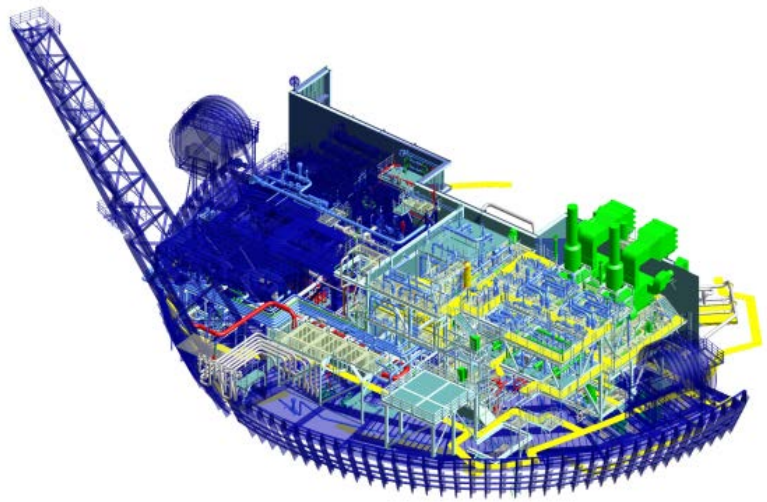
Scope: major upgrade of process incl. 3 new modules, generators and water injection.

Demolition of 200 MT

Addition of 1800 MT

Execution:
The existing 3D model was converted to PDMS format and parts of the vessel were laser scanned. The model was suited to maintain different scope splits and hook up. Demolition were performed in the 3D model

Finalized: 2012



Kollsnes/Troll-A – HVDC – Power from Shore

Client: ABB/Statoil

Scope: Structural steel structures, Pipe supports, Instrument air systems, drain systems. LCI coordination

Execution:
Performed in a global environment. Laser scan performed.

Finalized: 2014

