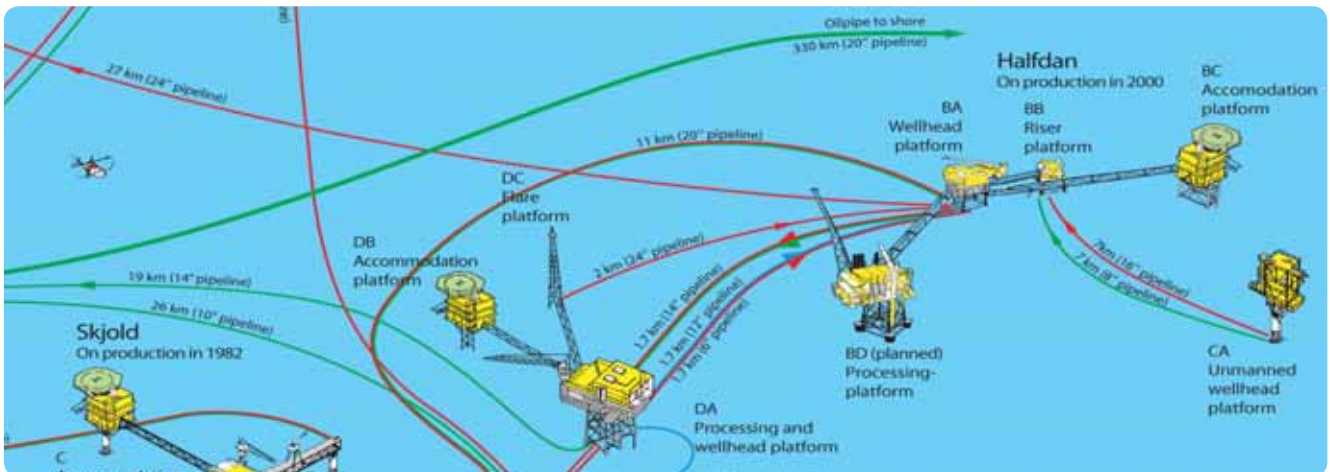


## HALFDAN BC SEMI SUBMERSIBLE PLATFORM

OUR CLIENT Rosetti Marino  
OPERATORS Mærsk Oil and Gas



Halfdan BC is connected via the Interconnecting Pipe Bridge to currently two platforms; Halfdan BA and BB. In the future these will also be connected to Halfdan BD, for which Novenco is also supplying the HVAC equipment.

#### DESCRIPTION OF THE PROJECT

The project was for an independent accommodation platform for the Halfdan field in the North Sea, west of Denmark. The accommodation block was installed in the summer of 2007.

The platform overall dimensions are 35m x 50m x 36m with a total weight of 2.900 tons. It consists of 7 levels with 80 single cabins, offices, kitchen, mess room, recreation areas, sauna, gymnasium and all comforts required to live and work in a comfortable environment in the typical hard climatic conditions of the North Sea.

The Living Quarter provides utilities and safety systems according to North Sea standards and Danish laws and can operate in complete autonomy with a time between supplies of 21 days.

#### CHALLENGES

The air handling units and fans had to fulfill ATEX zone 1 classification.

Meeting the demands in the Mærsk specifications was challenging because Mærsk require extensive documentation and have special requirements to materials used.

#### SCOPE OF WORK

Novenco's scope of work was procurement, production, testing and delivery of all HVAC equipment detailed overleaf, as well as commissioning assistance after installation.

#### ADVANTAGES

Novenco has up to now delivered HVAC equipment to more than 4 different Mærsk platforms, during the past 7 years.

It is Novenco's vast experience, supplying their products to Mærsk and other demanding clients in the parts of the world supplying to the global Offshore Industry, that allows Novenco to offer customers the most reliable and optimal HVAC solution for their project.

Novenco are one of the very few remaining suppliers of HVAC equipment that produce the main components such as Air Handling Units and fans themselves, ensuring total control over the production process.



SCOPE OF SUPPLY:

**ACCOMODATION AREA**

- 2 x 100% Air Handling Units for the accommodation
- 2 x 100% Air Handling Units for the galley
- 2 x 100% Direct Expansion Cooling plants for accommodation
- 2 x 100% Direct Expansion Cooling plants for galley
- 2 x 100% Direct Expansion Cooling plants for equipment rooms
- 6 Fan Coil units
- 1 centralised HVAC control panel
- 1 welding extraction arm and fan
- 2 Axial Fans
- 2 Centrifugal fans
- 4 Centrifugal fans in weather proof casing
- 46 Fire Dampers



Galley Air Handling Unit



Fan Coils



Axial Flow Fan



Cooling plant



Centrifugal Fan