



# T r o l l C

## EPC combined utility / living quarters module

On December 20th, 1996 Leirvik Module Technology received a letter of intent from Umoe Haugesund for the subcontract for EPC Combined Utility/Living Quarters Module

The subcontract was Leirvik Module Technology's second contract involving a Utility Module. The first contract was for the Visund Floating Production Unit.

By awarding the Troll C Utility Module contract to Leirvik Module Technology, Umoe Haugesund and Norsk Hydro showed that they trusted Leirvik Module Technology's capabilities and flexibility with regard to producing topside modules. Our performance on the Visund project had confirmed this trust.

The work performed by Leirvik

Module Technology on the Troll C project included all activities necessary to complete engineering, procurement, fabrication and mechanical completion of the Troll C Living Quarters, Helideck Structure, Topside Section No. 300 (Utility Module). The Troll C Living Quarters Module is in aluminium and located on top of Section 300 which is 1/3 of the total Troll C floater deck.

# Troll C



SYDVEST 12106 Photo: SYDVEST, Leirvik Module Technology, © Norsk Hydro ASA 1998 (forstå)

**Name of Client:** Umoe Haugesund / Norsk Hydro  
**Offshore Field:** Troll  
**Nature of work:** combined utility and living quarters module incl. helideck  
**Completed:** in 1998.

**SCOPE OF WORK:**  
EPC of the LQ in aluminium.  
Procurement and construction of 1/3 of the Troll deck.  
Shop drawings of both the deck and utility part of the module.

**KEY FIGURES:**  
LQ for 110 persons.  
Utility part of the deck as emergency generators/main control room/telecom room/electro room/winches total (8) with hydraulic power unit.

**WEIGHT BREAKDOWN:**  
4,300 tons

**SCHEDULE:**  
Contract award: December, 1996  
Delivery date: August, 1998

**CONTRACT TYPE:**  
LQ: EPC Lump Sum contract  
U300: Unit rate contract engineering reimbursable

## Contract details:

- 50 single and 10 double cabins, each with bunk(s) and bathroom
- Kitchen/freezer/provision rooms
- Laundry
- Dining hall
- Lounge/recreation rooms
- Music and library rooms
- Gymnasium
- Locker rooms
- Hospital
- Offices and conference rooms
- Technical services rooms
- Catering services rooms
- Sky lobby with access to the helideck, lifeboat station and utility module

- Helideck
- Personnel and goods lift
- Other

The helideck consists of a landing deck and supporting structure. The landing deck can accommodate the Sikorsky S-61N/Super Puma helicopters.

The Living Quarters, Helideck and Utility Module were delivered to Umoe Haugesund on September 1st, 1998.

## Contact person for the Troll C project at Leirvik Module Technology:

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