



KONGSBERG



## SHIP DESIGN SOLUTIONS

### UT 5419 H

#### 85 Person Wind Farm Service Vessel (SOV)

##### General

Our family of wind farm service vessels is designed with the latest industry requirements in mind. The vessels are design with operational and energy efficiency in mind. On board logistics and accommodation provide comfortable and safe work and living environments.

The designs flexible with regard to gangway and crane type and supplier. Both double sided or single side gangway layouts are possible.

##### MAIN FEATURES

Length overall	approx.	85,20 m
Breadth, mld	approx.	19,60 m
Draught, maximum	approx.	5,50 m

##### ACCOMMODATION

Accommodation and equipment for up to 85 persons in 74 cabins.  
Comfort class V(2)

##### HULL and PROPULSION

Hybrid power system, with options for methanol fuel and Plug-in Hybrid (PHEV)  
The hull shape allows stern first operation within the wind farm.

##### SPEED and GANGWAY OPERABILITY

Maximum service speed approx. 13 kn  
Operational wave height approx. 3.0 m Hs

##### CARGO and OPERATION

Cargo deck area	approx.	300+75 m <sup>2</sup>
Warehouse area	approx.	450 m <sup>2</sup>
Environment controlled store, workshops, IMDG stores		

##### MISSION EQUIPMENT

Motion compensated gangway, reach 10m to 30m above the waterlevel  
3D motion compensated crane  
Daughter craft  
Aft CTV landing with height adjustable walkway  
Additional side CTV landing  
Optional Helicopter landing deck with step-less access

85 Person Wind Farm Service Vessel  
UT 5419 HL

Ship Design Solutions can provide Ship Design alone or integrated system solutions for:

- Propulsion
- Energy Storage
- Power generation
- Integrated Automation
- Bridge
- Deck Machinery