



KONGSBERG



## SHIP DESIGN SOLUTIONS

### UT 5844

#### Wind Farm Feeder Vessel (WFV)

##### General

The wind farm feeder vessel is designed to transport wind turbine components from shore to the wind farm offshore. In addition, the vessel design provides a platform for maintenance operations of fixed and floating wind turbines.

The design is flexible with regard to alternative fuels. LNG/biogas, methanol or ammonia fuel systems can be applied.

##### MAIN FEATURES

Length overall	approx. 142,00 m
Breadth, mld	approx. 44,00 m
Draught, design	approx. 6,00 m

##### ACCOMMODATION

Accommodation and equipment for up to 24 persons.

##### HULL and PROPULSION

Hybrid power system, with options for LNG/bio gas, methanol or ammonia fuel.  
High dynamic positioning capability, according DP2 or DP3

##### SPEED and OPERABILITY

Maximum service speed approx. 12 kn  
Operational wave height above 2.5 m Hs (with motion compensated deck)

##### CARGO and OPERATION

Cargo deck area	approx. 4800 m <sup>2</sup>
Deadweight	approx. 9000 t

##### MISSION EQUIPMENT

Optional motion compensated deck  
Optional skidding system  
Optional crane/lifting systems

UT 5844  
Wind Farm Feeder Vessel

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

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