

UT 5400 WP VESSEL RANGE WINDFARM SERVICE OPERATION VESSEL (SOV)



KONGSBERG

Environmentally friendly and fuel efficient solutions in KONGSBERG designs

DESIGN AND INTEGRATED SYSTEMS

UT 5400 WP vessel range Windfarm Service Operation Vessel (SOV)

Main features

- Clean design
- DP 2
- Comfort Class 2
- SPS code
- Large accommodation
- Flexible work platform
- Optimum seakeeping, motions and performance
- 3D-Motion compensated crane
- Motion compensated gangway system
- Step-less entry from cargo store to wind turbine platform
- Daughter craft and FRC
- Large covered cargo handling area
- Landing for Crew Transfer Vessel (CTV) amidships and on transom
- 30-day endurance

Design and integrated systems

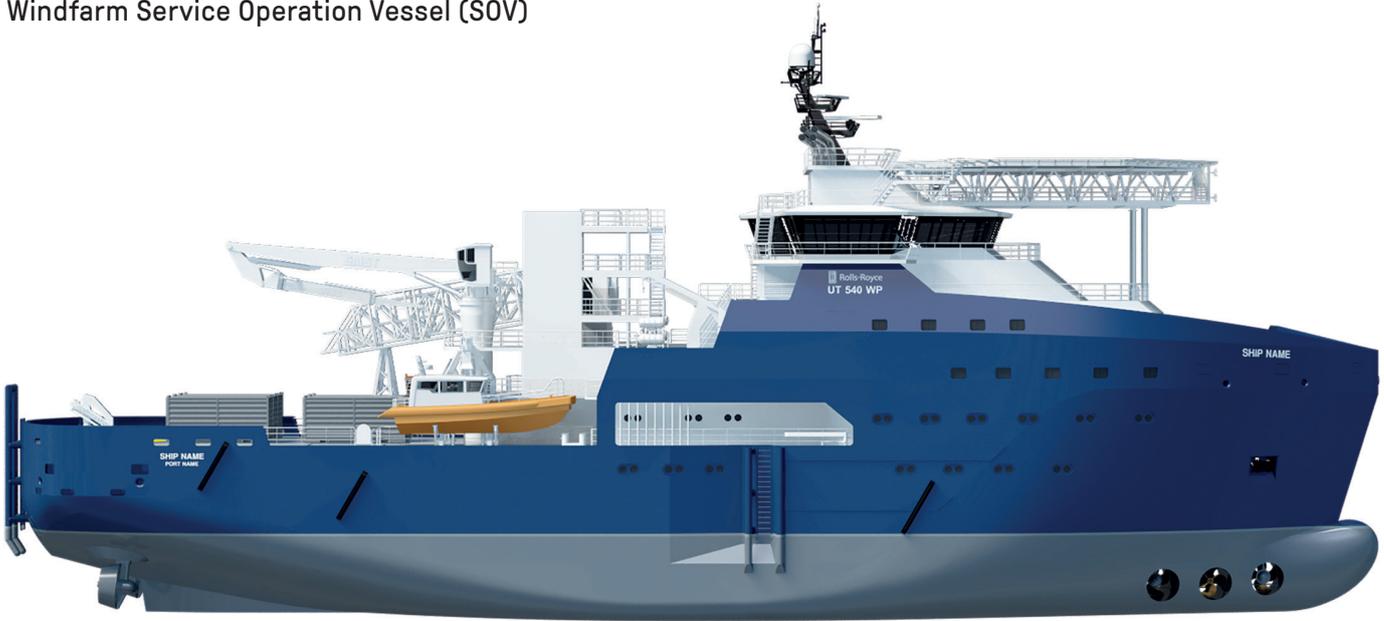
Ship Design & Systems provides integrated system solutions for:

- Propulsion
- Power generation
- Automation
- Deck machinery incl. cranes
- Unified bridge

MAIN DUTIES

- Accommodation for wind farm technicians / service personnel
- Transfer of technicians/ service personnel to wind farm installations
- Carry spares and tools for wind turbine service operations

UT 5400 WP vessel range
Windfarm Service Operation Vessel (SOV)



MAIN DIMENSIONS

• Length overall	82.0 m
• Length between p.p.	72.1 m
• Breadth moulded	17.0-18.0 m
• Depth main deck	7.4 m
• Design draught	5.0 m

CAPACITIES (PRELIMINARY)

• Deadweight	1500 t
• Fuel oil	890 m ³
• Fresh water	500 m ³
• Cargo store (Main deck)	400 m ²
• Cargo deck (A-deck)	340 m ²

PERFORMANCE

• Max. speed	13.5 kn
• Service speed	10-11 kn

MANOEUVRABILITY ENHANCEMENT

- Diesel-electric with four variable RPM main generator sets
- Twin azimuthing thrusters aft
- Three (super-silent) tunnel thrusters forward
- Optional: Retractable azimuthing thruster replacing 3rd tunnel thruster

OTHER PARTICULARS

- One 9-11 m daughter craft/workboat
- One fast rescue craft
- Cargo and personell lift
- Deck crane 3 t at 16 m
- 3D-motion compensated crane (1 t at 25 m)
- Two CTV landing areas
- Optional helicopter landing deck

ACCOMMODATION

- Up to 60 person accommodation, (40 technicians and 20 crew)
- Optional above 60 persons
- Comfort Class V(2)C(2)

