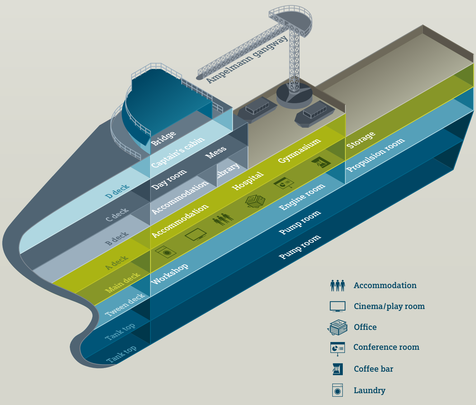
SIEMENS

Larger-than-life energy facts

Service operation vessels (SOV)



Main particulars

Dimensions
Length 83.70 m **Width** 18 m

Accommodation
60 persons

Speed
14 knots

Deadweight

Capacities

Draught

Deck area

Fresh water

Fuel oil

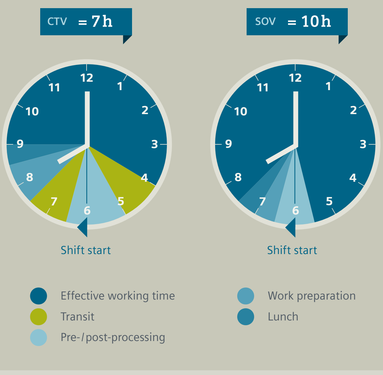
Technical water

Water ballast

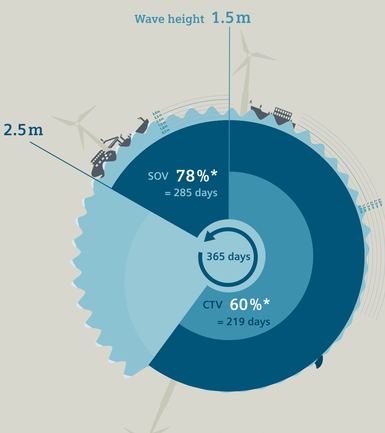
SOVs save valuable time

While crew transfer vessels (CTVs) transport small teams of up to 12 technicians to offshore wind power plants on a daily basis, service operation vessels (SOVs) can accommodate up to 40 technicians. They stay at sea for several weeks and only need to return to port for fueling and the replenishment of supplies and equipment. This means that maintenance work with SOVs entails far less transport and unproductive time, which in turn improves productivity and turbine availability. That's why SOVs are especially suitable for wind power plants that are far from shore.

Effective working hours for a technician **during a 12 hour shift**



Yearly offshore weather uptime of CTVs and SOVs



SOVs provide a larger weather window, because their motion-compensated Ampelmann gangway system enables technicians to access the turbines at wave heights of up to 2.5 meters.

** Offshore weather uptime per year*

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