



J/U WIND SERVER

CLASSIFICATION & RULES

Type	WTSV
Built	2014
Yard	Nordic Yards, Germany
Class	✱ 1A1 Self-Elevating Wind Turbine Installation Unit Crane Unit E0 DYNPOS-AUTR CLEAN
Flag	Danish

MAIN DIMENSIONS

HULL

Length, waterline	79.3 m
Length, overall	79.5/114 m
Width, overall	32.3 m
Hull depth	7.4 m
Draught (hull)	4.9 m
Distance between legs	Longitudinal 48 m Transverse 25.6 m

CARGO CAPACITY

Max payload incl. of bunkers and consumables	1,760 t
Main deck area	Approx. 1,000 m ²
Main deck load capacity	5/10 t/m ² with strong points

LEGS & SPUDCANS

Number/type	4/tubular
Diameter	3.7 m
Length	75.1 m
Spudcan area	55 m ²

JACKING SYSTEM

Type	Rack and pinion
Drive	Electric
Elevating speed	1 m/min
Pre-load capacity, active	2,700 t/leg
Jacking capacity, passive	4,000 t/leg



OPERATIONAL LIMITATIONS

Available leg length ¹	55 m
Jacking	Up to 2.5 m Hs

CRANES

MAIN CRANE

Type	Liebherr BOS 14000
Boom length	87 m
Capacities	400 t @ 20 m radius @ 96 m height above deck 52 t @ 87 m radius @ 34 m height above deck

AUXILIARY HOIST

Capacities	25 t @ 20.5 m radius @ 103.3 m height above deck 25 t @ 92.8 m radius @ 36.1 m height above deck
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Aux. hoist approved for man riding. SWL max 2t

PROPULSION UNITS

Thrusters	5 x 1,100 kW azimuth thrusters
Speed	Approx. 9 knots

POWER

Diesel-electric engines. 7 generator sets with a total capacity of 6,370 kW

POSITIONING

The propulsion system is arranged for dynamic positioning with DP2 notation

TANK CAPACITIES

Fuel	623 m ³
Fresh water	219 m ³
Sewage	135 m ³

FUEL CONSUMPTION

Transit speed of 9 knots	25 t/24h
Elevated, standby	1.7 t/24h
Elevated, crane work	2.7 t/24h

ACCOMMODATION & FACILITIES

Charterer's fixed accommodation in single cabins	24 persons
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Additional accommodation in TLQ's can be added ²

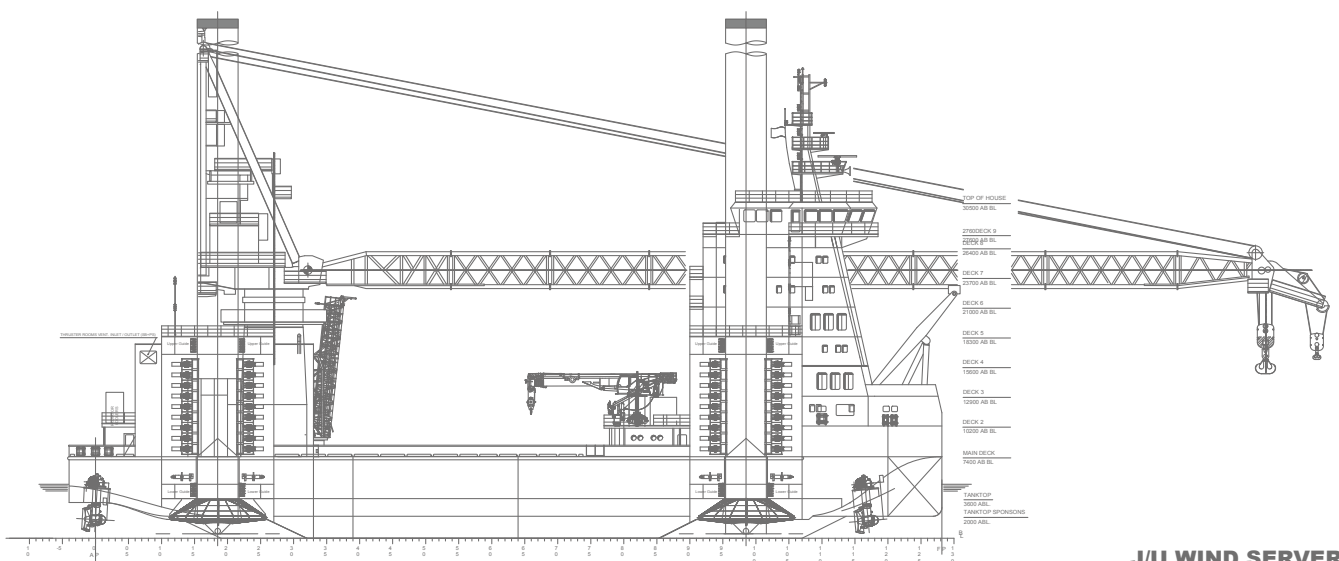
FACILITIES

Day rooms, changing rooms for men and women, coffee shop, cargo hold, office, workshops (electrical/black), store rooms, mess room, laundry, conference room, hospital, gymnasium and forklift on deck

¹ Operational water depth is dependent on soil conditions and site-specific assessment.

² Dependent on project-specific layout.

Vessel specifications set out are approximate and the owner offers no warranty or representation in relation to the same.



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