NKT Victoria is one of the world’s most advanced and fuel efficient cable-laying vessels with a fully redundant DP3 system and unique onboard DC Grid.

The vessel is capable of simultaneous dual HVDC and fiber optic cable-laying and deep sea HVAC installation with high capacity tensioner system. The two turntables have a combined capacity of massive 9000 ton, plus a 500 ton capacity fiber optic tank below deck.

To enable complete cable-lay capabilities ranging from the deep blue seas to shallow shores, NKT Victoria is designed to be beachable in fully laden condition. The vessel is also fitted with a 6-point mooring system to maneuver where most deep sea cable layer would give up.

For ultra deep waters, the deck is prepared to accommodate a Vertical Lay Tower to enable sufficient high tension hold-back capabilities.

NKT Victoria is designed to the highest safety standard, in full compliance with the most stringent requirements. Her versatility is further strengthened by a fully integrated navigation and survey system.

**SPECIFICATIONS**

LENGTH: 140 m  
BREADTH: 29.60 m  
DRAUGHT: 7.20 m  
PROPULSION:  
Diesel-Electric DC grid  
Stern Azipods  
DP CLASS: IMO DIII  
ACCOMMODATION: 100 Pax  
DECK AREA: 1 600 m  
TURNTABLES:  
7 000 ton on main deck  
4 500 ton below deck
NKT Victoria
General specifications

Classification
The vessel is built and classified according to DNV GL Rules:
1A1, SF, ED, DYNPOS AUTRO (DP3), COMF C(3), COMF V(3),
Clean Design, BS, NAUTOSolv(A), DN(R), H4LEKSH, SPS,
Cable Laying Vessel, Recyclable

Design
SALT Shipdesign 306 CLV
Kleven Yards no 372, delivered April 2017
Flag: NIS

Main dimensions
Length over all ............................................. 140.00 m
Length between p.p ........................................... 127.10 m
Breadth moulded ........................................... 29.60/28.60 m
Depth to 1 deck ........................................... 11.00/10.40 m
Scantling draught ........................................... 8.00 m
Beaching draught .......................................... 8.25 m
Design draught ............................................ 7.20 m
Gross tonnage ............................................. 16171 GT
Max speed .................................................. 14 kts
Cruising speed ............................................ 12 kts
Endurance Win ............................................ 30 days
Max Deadweight .......................................... 12700 t
DeckArea .................................................. 1600 m2

Accommodation
Total 100 persons in 77 cabins:
State Class cabins : 6
Officer Class Cabins: 6
Crew Class Single Cabins: 42
Crew Class Double Cabins: 23

Dynamic Positioning and Reference
DNV GL DYNPOS AUTRO (MC DPH)
2 x identical DP Operator Stations
1 x DP operator station is provided on emergency bridge.
1 x Dual DP Process Station is provided.
2 x HPAR 2 x DGPS, 1 x Cyscan, 1 x RADUS
Cable tension, Light Taut Wire
6P mooring system

Capacities
Fuel MGO .................................................. 1500 m3
Potable water system .................................... 560 m3
Water ballast ............................................. 5 000 m3
Luboil .................................................... 25 m3
Urea ...................................................... 120 m3
Foodwaste ................................................ 4 m3

Propulsion
Propulsion Diesel-electric DC Grid
CAT 3516C / ABB variable speed Gensets ............... 6 x 2 240 kW
Tunnel Thrusters, Brunvoll ................................ 3 x 1 900 kW
Total Installed Power .................................... 13 440 kW

Environment
Exhaust gas cleaning by SCR, engines approved according to Tier 3,
sulphur free fuel, garbage recycling and sludge/garbage incinerator.

Offshore cranes
1 x Main Active Heave Compensated knuckle boom Crane:
Lifting capacity 25 t/15 t at 23 m/52 m radius to 1 000 m
Mandring capabilities
1 x Deck Crane knuckle boom
Lifting capacity : 10 t/4 t at 15 m/26 m radius.
Mandring capabilities
1 x Provision crane knuckle boom
Capacity: 1.5 t @ 10 m

ROV
SB side ROV 250 HP Schilling UHD Gen III with 3,000 m
depth rating
P side ROV SAAB Panther XTP with 1,500 m depth rating
1 x LARS for WROV on SB side

Helicopter platform
Designed & constructed in full compliance with Class Rules
Dimensions 26.1 x 26.1 m, designed for Sikorsky S-92 Type, max load:15 t

Cable Lay Equipment
1 x 7 000 t capacity basket carousel on Main deck
1 x 4 500 t capacity basket carousel below deck
9 000 t total combined cable capacity
2 x wide stern chutes
2 x 45 t four track lay tensioners
3 x 45 t tensioner deck seats
Product pathway for fibre optic cable installation

Winch package
3 x 45 t A&R winch with 800 m of wire rope
2 x 8.4 t initiation winch with 100 m of Ø19 mm wire rope
2 x 8.4 t lug winches with 100 m of Ø19 mm wire rope
Central control system and cable lay distribution system

Optional Equipment
25 Te A-frame for jet trencher or ROV launch/recovery
VLS tower for ultra deepwater lay