

# Kommandor 3000

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Type:  
Construction /  
Flexlay (Horizontal)

Classification:  
LR, 100 A1, OSV DP(AA),  
UMS, LMC

The *Kommandor 3000* is a construction / flexlay (horizontal) vessel with an extensive and purpose built pipelay system to install products in up to 1,000m water depth with a top tension capacity of 150t.

- Length 118m x breadth 21m
- Deck area 170m<sup>2</sup>
- 2 x 30t offshore cranes
- 200t A-Frame
- 3 x rotating carousels for flexible pipe
- 2 x workclass ROVs

# Kommandor 3000

## General Information

Classification	LR, 100 A1, OSV DP(AA), UMS, LMC
Built	Niteroi (1984)
Conversion	Frederikshavn (1998) & Rijeka (1999)
Flag State Authority	Bahamas Maritime Authority
Port of Registry	Nassau

## Dimensions

Length Overall	118.40m
Breadth	21.00m
Depth	10.08m
Draught	4.90m
Deadweight	3241t
Gross Tonnage	7,731t
Net Tonnage	2,319t

## Manoeuvring and Propulsion Systems

Main Engines	8 x 1,160 kW (CumminsKTA50-G9) 1 x 313 kW (Cummins NTA855-MG)
Generators	8 x 1,524 kVA (Leroy Somer)
Emergency Generators	1 x 375 kVA (Leroy Somer)
Main Propulsion	2 x 1,400 kW azimuth thrusters (Aquamaster)
Thrusters (bow)	2 x 1,041 kW tunnel thrusters 1 x 836 kW retractable azimuth thruster
Thrusters (stern)	1 x 1,550 kW azimuth thruster

## Dynamic Positioning System

DP Classification	DP(AA) (Class 2) DP System Kongsberg KPOS DP
Reference Systems	2 x DGPS 2 x HPR 1 x fanbeam

## Speed / Consumptions

Full Speed	10 knots at 24t/per day
DP Operations	

## Tank Capacities (100%)

Fuel Oil	860m <sup>3</sup>
Fresh Water	365m <sup>3</sup>
Drinking Water	102m <sup>3</sup>
Ballast Water	2,421t
Lub. Oil	8m <sup>3</sup>

## Cargo Deck

Deck Area	170m <sup>2</sup>
Deck Strength	5t/m <sup>2</sup>

## Deck Crane and A-Frame

Main Deck Cranes	30t at 30m
1 x Natoil Crane	30t at 30m
1 x ACTRO Crane	30t at 30m
A-Frame	
(own power pack installed)	200t

## ROV Systems

The vessel is fitted with two workclass ROVs

## Pipelay Systems

The vessel has an extensive pipelay system fitted as standard. The pipelay system comprises of the following main components:

Carousels (for flexible pipe)	1 x (14.78m inner diameter) 2 x (11.90m inner diameter)
Pipe Tensioners (linear)	2 x 75t & 1 x 55t
Carousel (for umbilical)	1 (11.90m inner diameter)
Umbilical Tensioners (linear)	2 x 15t capacity
Abandonment & Recovery	
Winches	1 x 200t 1 x 140t 1 x 60t 1 x 30t
General Purpose Winches	5 x 10t
General Purpose Capstans	2 x 10t
Retractable rollers	2 x 10t
Pedestal Crane	30t
Knuckle Boom Crane	6t

Separate hydraulic power packs are installed for the flexible pipe tensioners, umbilical tensioners and the A&R winches. A common system is installed for the general purpose winches, capstans, retractable deck and retractable rollers.

## Accommodation

73 persons

## Helideck

The helideck has a D value of 18.7 and is approved for Super Puma operations.

## Communication Systems

The vessel is fitted with Inmarsat C and V-SAT C Band.