



TOISA PEGASUS Diving support vessel



Owner	Toisa Ltd.
Yard number	712

Dimensions

Length overall	131.7m
Length between perpendiculars	117.7m
Breadth	22m
Depth main deck	9.5m
Design draught	6.25m
Scantling draught	6.75m

Deadweight

Deadweight at design draught	8,200 tonnes
Deadweight at scantling draught	9,440 tonnes

Speed

Trial speed at design draught	13 knots
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DP system

DP3

Diving system

- integrated twin bell saturation diving system positioned transverse
- capacity for 18 divers
- maximum operating depth 300m
- two self-propelled hyperbaric lifeboats.



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Lifting gear

One offshore crane (heave compensated)

Safe working load	400mt
Radius	16.5m
Operating depth	3,000m

Workdeck

Area 1,200m². Load capacity 5 tonnes/m²

Helideck

Helideck of aluminum construction on top of accommodation suitable for regular operations of Super Puma helicopters and equipped with a fixed foam fighting system

Thrusters

Azimuth thrusters (aft), variable speed drive 2x 3,000kW

Tunnel thrusters (fwd, cpp) 2x 1,335kW

Retractable azimuth thruster (fwd), variable speed drive 1,200kW

Stabilising system

Two active Interfering stabilising systems
Anti heeling system 1,170m³/h

Machinery

Low voltage for generators, switchboards, main cabling, propulsion motors and thruster motors: 690 Volt 60Hz

Four main generator sets

<i>Diesel engine</i>	
Maximum output	2,970kW
Engine speed	720rpm

Alternators

Maximum output	2,980kVA
Speed	720rpm
Voltage	690 Volt
Frequency	60Hz

One emergency generator set

<i>Diesel engine</i>	
Maximum output	232kW
Engine speed	1,800rpm

Alternator

Maximum output	250kVA
Speed	1,800rpm
Voltage	440 Volt
Frequency	60Hz

One emergency generator set (dive)

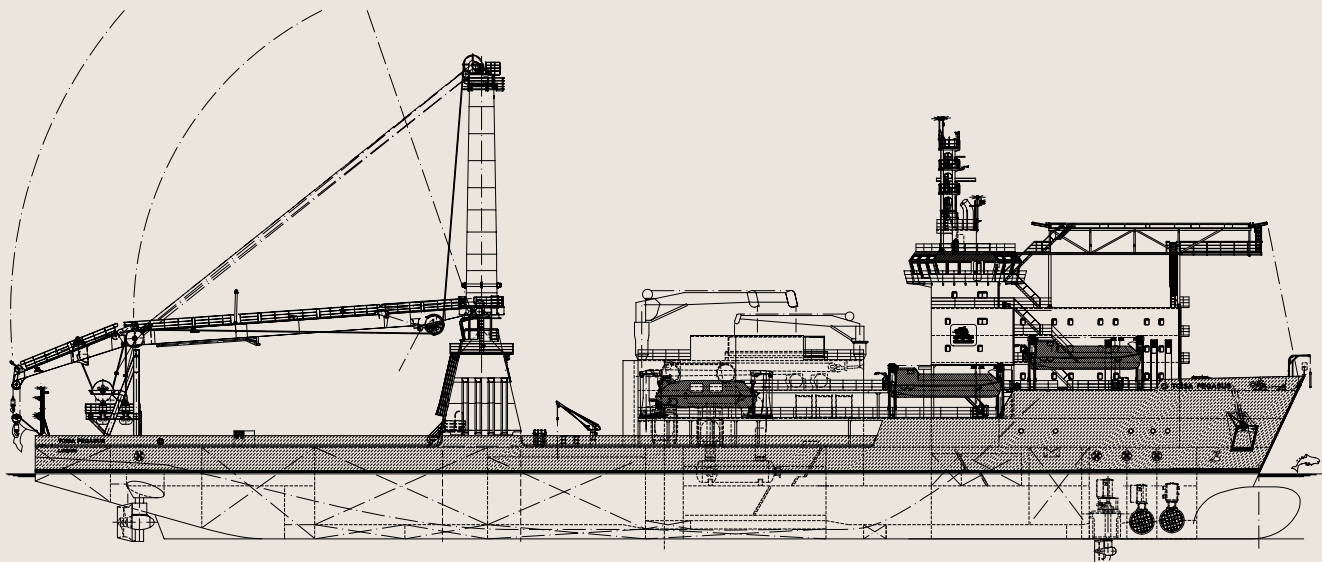
<i>Diesel engine</i>	
Maximum output	968kW
Engine speed	1,800rpm

Alternator

Maximum output	1,138kVA
Speed	1,800rpm
Voltage	440 Volt
Frequency	60Hz

Accommodation (all cabins with own private facilities)

Captain class	4 cabins	4 people
Officer	7 cabins	7 people
Crew (single)	18 cabins	18 people
Crew (double)	35 cabins	70 people
Total accommodation	64 cabins	99 people



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