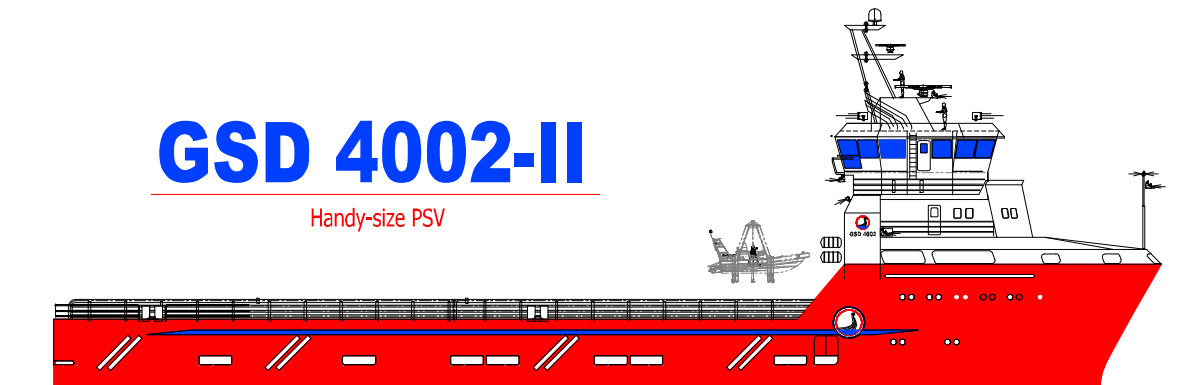


# GSD 4002-II

Handy-size PSV



*GSD 4002 is a environmental friendly, safe ship with flexible loading capacity and good stability which will make money for its owner. Made for the North Sea conditions. Prepared to meet NOFO (2009) requirements.*

*GSD 4002 is a Handy size PSV which comply with latest requirements regarding emissions to environments, Clean design, SOLAS, MARPOL, etc.*

*The ship is made highly flexible due to :*

- 8 Combined Heavy Density Liquid Tanks (HDL)
- 4 Independent Low Flashpoint Tanks (LFL)
- Tanks above have no stiffeners inside, and efficient hot water cleaning is provided.
- 2 of the HDL tanks are dedicated to dry cargo. Cement, barite.
- Hull tanks to be utilized as FW tanks and drillwater / WB.

*GSD 4002 will have high comfort due to a carefully dimensioned and positioned antiroll tank.*

*The GM will be reduced by having dry cargo tanks on deck, and the high VCG of antiroll tank.*

*Adjustable revolutions and CP propeller for the bow thruster will result in low noise levels in the accommodation during normal operations.*

*The pumproom will be large, open and the operators will have a good overview. Good access from ER and aft at both sides.*

*GSD 4002 will be economical.*

*Latest Diesel Electrical propulsion will result in lower fuel consumption and lower emissions to the environment.*

*The ship is not over-powered as too many ships are.*

*4 equal engines will give less off-hire time.*

*The propeller drives is as simple as it is brilliant : The EL motors run at two speed steps. CP propellers are regulating intermediate power.*

*This results in : Low noise, simple installation, low EL losses.*

## MAIN PARTICULARS

Length over all (Loa)	: 74,00 m
Length bet. perp. (Lpp)	: 66,80 m
Rule length (Lf)	: 67,40 m
Moulded Breadth (B)	: 18,00 m
Depth to deck (D)	: 7,20 m
Draught (T) max. load	: 5,80 m
Draught (T) Scantling	: 6,00 m
Speed	: 13,00 knots

## CAPACITY

Deck area Shelter Dk.	: ~760 m <sup>2</sup>
Drilling pipes at Dk.	: 5 Lengths
Deck load	: 5,0 t/m <sup>2</sup>
Deck load (Total)	: 2000 tonnes
Deadweight	: 3000 tonnes
Crane	: 5t x 10m
Cabins	: 8x1 + 6x2 men
Passengers	: 4 men
Fuel Oil Cargo (FOC)	: 2000 m <sup>3</sup>
Fuel Oil Consume (FO)	: 350 m <sup>3</sup>
Water Ballast	: 1200 m <sup>3</sup>
Potable Freshwater	: 700 m <sup>3</sup>
MUD/Brine/Baseoil	: 1180 m <sup>3</sup>
Sewage / sludge	: 870 m <sup>3</sup>
Slope	: 290 m <sup>3</sup>
Drill Water	: 1200 m <sup>3</sup>
Cement / Barite	: 300 m <sup>3</sup>
Containers (1.layer)	: 35 TEU
Generator Sets (4 off)	: ~1000 KW
Thrusters (aft)	: 2x1200 KW
Thrusters (fwd)	: 600+600 KW

**Glesvær Ship Design AS**

5353 Straume, tlf: +47 48997626, [www.gsdesign.no](http://www.gsdesign.no)

