



KONGSBERG



SHIP DESIGN SOLUTIONS

UT 7422 NH

Ammonia fuelled Platform Supply Vessel

General

Our new family of platform supply vessels is designed in accordance with the new Offshore Support Vessel Chemical Code (OSV CC), Resolution A.1122(30).

The PSV can be arranged with various fuel and energy source options ranging from Diesel and HVO, methanol hybrid or ammonia hybrid solutions, to a plug-in hybrid (PHEV) with offshore charging, allowing full electric operation.

CLASS

DNV
IMO Ship Type 1, 2, 3
Special products: Low flashpoint, Acids, Toxic

MAIN FEATURES

| | | |
|------------------|---------|---------|
| Length overall | approx. | 90,60 m |
| Breadth, mld | approx. | 21,70 m |
| Draught, maximum | approx. | 6,50 m |

ACCOMMODATION

Accommodation and equipment for up to 25 persons in 19 cabins.

POWER and PROPULSION

Ammonia fuelled hybrid power system.

SPEED and GANGWAY OPERABILITY

Maximum service speed approx. 14 kn

CARGO

| | | |
|----------------------------|---------|---------------------|
| Cargo deck area | approx. | 1074 m ² |
| Deadweight at max. draught | above | 5000 t |
| Multi-product tanks | approx. | 1200 m ³ |
| Special product tanks | approx. | 300 m ³ |
| Max capacity acc. OSV CC | | |
| Ship type 2 and 3 products | | 1200 m ³ |
| Ship Type 1 products | | 150 m ³ |
| Dry bulk | approx. | 265 m ³ |

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Ship Design Solutions can provide Ship Design alone or integrated system solutions for:

- Propulsion
- Energy Storage
- Power generation
- Integrated Automation
- Bridge
- Deck Machinery