EcoBox
Multi-Purpose Vessels

- High degree of cargo flexibility
- High operating efficiency
- Fuel efficient with reduced emissions
- Suitable to track any route any port
- Green ship features
Key features:

- Modern multi-purpose box shaped vessels
- 10,500 ts DWT, Dutch Flag, BV classed
- Very fuel efficient design resulting in excellent speed/consumption ratio
- Ultralong hold for pipes, rails and windmill blades
- Forward accommodation, no line of sight obstructions for cargoes at height
- Permanent open top notation by class
- 2 Cargo cranes of 85 ts each, combined 160 ts
- Operating area: worldwide
- 6 Vessels in service
EcoBox Multi-Purpose Vessels

Vessels Details

Class 1 HULL MACH, general cargo, heavy cargo, Green Passport unrestricted navigation, AUT-UMS, Finnish/Swedish ice class 1A

Homeport
Rotterdam

Manager
Symphony Shipping BV, The Netherlands

Class
Bureau Veritas

Shipyard
Ferus Smit Shipyard, Germany

Hull
Tonnage ITC 1969 6,749 m³ GT
Tonnage ITC 1969 3,408 m³ NT
Deadweight 10,500 ts DWT
Deadweight (open top) 7,120 ts DWT
Length 122.50 m L.o.a.
Breadth 1700 m B
Depth moulded 10.70 m D
Max. draught (normal/open top) 7.84/6.02 m T

Machinery
1x MAK 6M32C
Output engine power 3,000 kW
Speed/consumption abt. 13.0 knts on abt.12,5 ts HFO 380/day
HFO capacity 581 m³
MGO capacity 203 m³
Ballast 4,480 m³
Water 50 m³
Bowthruster 600 kW

Capacity

Holds 1
Hatches 1

Hold Dimensions
No.1 90.74 x 79.04 x 13.50 x 10.70 m
Deck 105 x 14 m
Adjustable tweendecks at 3 heights, panels can be used as bulkheads

Lower hold height 3.10
Tweendeck height 6.90
Pontoon hatch covers, moveable by gantry crane and certified for operations at sea

Tank top area
Deck area

Intakes
Grain 12,148
Bale 12,148
Containers TEU (hold) TEU (deck)
Total 368

Deck strength 2.4 MT/m²
Tweendeck strength 3.5 MT/m²
Tanktop strength 20.0 MT/m²

Gear
2 Cranes Electric-hydraulic

Capacity 85 ts each

Fields of operation

Offshore supply Pipes, WTG (foundation segments), equipment
General cargo Last in/first out runner, pipes, subsea equipment (risers), ultralong rails, windmill equipment, general/project cargo equipment
Lakes fitted Yes
Bulk, grab fitted Yes
Heavy cargo Yes
Dangerous cargoes Yes
Open top notation Allowed to steam/load/discharge at sea with open hatch

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All data about and without prejudice
DP2
Multi-Purpose Vessels

- Long range large capacity carrier
- Excellent station keeping performance on DP
- Reduced fuel consumption at sustained speed
- Suitable for multiple markets
- High operating efficiency
Key features:

- Multi-purpose vessels equipped with Dynamic Positioning/DP2
- Large capacity of 10,500 ts DWT, Dutch Flag, BV classed
- 2 Cargo cranes of 85 ts each, 170 ts combined
- Modern design with excellent speed/consumption ratio
- Operating area: world wide
- 2 Vessels in service
DP2 Multi-Purpose Vessels

**Vessels Details**

- **Manager**: Symphony Shipping BV, The Netherlands
- **Class**: Bureau Veritas
- **Shipyard**: Ferus Smit Shipyard, Germany

**Hull**

- **Tonnage ITC 1969**: 7,200 m³ GT
- **Tonnage ITC 1969**: 3,423 m³ NT
- **Deadweight**: 10,500 ts DWT
- **Deadweight (open top)**: 6,869 ts DWT
- **Length**: 124.67 m L.o.a.
- **Length**: 119.22 m L.p.p.
- **Breadth**: 18.00 m B
- **Depth moulded**: 10.70 m D
- **Max. draught (normal/open top)**: 7.84/6.02 m T

**Machinery**

- **Output engine power**: 8,200 kW
- **Service speed**: 12.0 kns
- **Consumption**: abt. 12.5 ts HFO/day
- **HFO capacity**: 580 m³
- **MGO capacity**: 184 m³
- **Ballast**: 4,249 m³
- **Propulsion**: 2x 2,200 kW Schottel SRP 4000
- **Bowthruseter**: 3x 1,200 kW Schottel STT 5 thrusters
- **Dynamic positioning**: Kongsberg K-Pos 21 DP2
- **Reference systems**: Kongsberg DPS 110, DPS 112, Spottrack
- **Dynamic features**: Auto heading, auto position, cJoy joystick control system, auto pilot

**Capacity**

- **Holds**: 1
- **Hatches**: 1
- **Hold Dimensions**: 90.85/79.04 x 13.50 x 10.70 m
- **Deck**: 105 x 14 m
- **Adjustable tweendecks**: at 3 heights, panels can be used as bulkheads

**Intakes**

- **Grain**: 12,148
- **Bale**: 12,148
- **Containers**: 120 TEU (hold) 120 TEU (deck)
- **Total 368**: 220@14 ton 148@14 ton

**Deck strength**: 2.4 MT/m²
- **Tweendeck strength**: 3.5 MT/m²
- **Tanktop strength**: 20.0 MT/m²

**Gear**

- **Capacity**: 2 Cranes
- **Capacity**: Electric-hydraulic
- **Maker**: Coops & Nieborg

**Fields of operation**

- **Offshore supply**: Pipes, WTG (foundation segments), equipment
- **Offshore support**: Accommodation (up to 34 pax), crew transfer, ROV operations, grouting, cable laying, etc.
- **Lakes fitted**: Yes
- **Bulk, grab fitted**: Yes
- **Heavy cargo**: Yes
- **Dangerous cargoes**: Yes
- **Open top notation**: Allowed to steam/load/discharge at sea with open hatch

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