

TYPE 183

HEAVY LIFT VESSEL WITH DYNAMIC POSITIONING



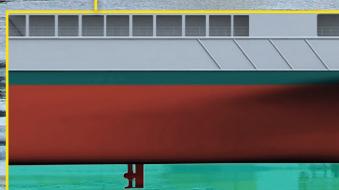
Unobstructed working deck
of 128.50 x 27.50 m



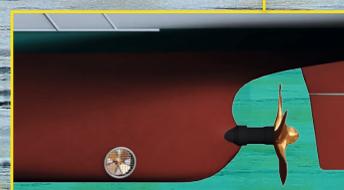
2 cranes of 1000 t SWL
lifting capacity each,
in combination 2000 t



2 bowthrusters, 1200 kW each



2 azimuths, 1200 kW each



1 sternthruster of 800 kW

INTRODUCTION OF DP SYSTEM

With its latest generation of high capacity new buildings, SAL continues to push the lifting envelope by introducing a crane capacity of 2×1000 t SWL. In addition to this unrivalled crane capacity, both new buildings are equipped with a Dynamic Positioning System to meet client aspirations and the growing complexity of their projects. While MV Svenja is equipped with a DP I system, MV Lone has a redundant DP II system.

EXTENSIVE SCOPE OF CAPABILITIES

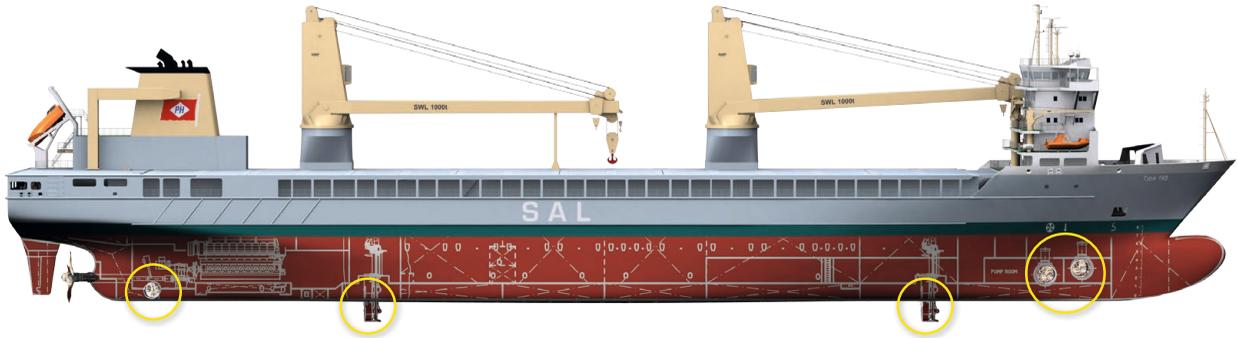
The DP System greatly enhances operations at sea where mooring or anchoring is not feasible due to deep water or congestion at the sea bottom. Offshore support to other vessels as well as offshore windfarm installation will be amongst the scope of activities for the two new buildings.

WE INNOVATE SOLUTIONS

FIRST CLASS EQUIPMENT

The DP System manufactured by market leader Kongsberg is designed to keep the vessels within a specified position and predefined heading limits. To optimize the capability of the vessels while in DP mode, careful consideration has been given to the selection of thrusters, switchboards, and power distribution. Mindful of the variety of water depths in different projects, SAL decided to install the following reference equipment: DGPS, RADius, Light Weight taut wire and Fanbeam.

We look forward to performing your next offshore job with our experienced engineering team and innovative hardware!



TYPE 183

Deadweight	12 500 t
Tonnage	15 200 GT/4 600 NT
Class	GL + 100 A5, G General Cargo Ship Strengthened for Heavy Cargo, BWM-S, EP, SOLAS II-2, Reg. 19, MC AUT
Length over all	160.50 m
Beam	27.50 m
Deck	128.50 × 27.50 m
Hold	107.10 × 17.00 × 13.70 m Adjustable tweendeck Capable of trading with open hatch
Cranes	2 electrical-hydraulic turning cranes with a lifting capacity of 1 000 t SWL each, both mounted on portside, combinable up to 2 000 t SWL
Crane outreach	16 m – 1 000 t 25 m – 800 t 38 m – 500 t
Engine	MAN 58/64 Diesel Engine of 17 136 HP
Service speed	20 knots
Shipyard	J. J. Sietas KG Schiffswerft GmbH u. Co., Hamburg/Germany
Delivery	December 2010, March 2011

DP FACTS

	MV Svenja (DP I)	MV Lone (DP II)
Bowthruster	1 × 1 200 kW	2 × 1 200 kW
Sternthruster	1 × 800 kW	1 × 800 kW
Azimuth		2 × 1 200 kW
Auto Heading Mode	✓	✓
Auto Position Mode	✓	✓
Joystick Mode	✓	✓
Autopilot Mode	✓	✓
Green Control Mode	✓	✓
Auto Track Mode		✓
Heavy Lift Mode *	✓	✓

* The heavy lift mode adjusts potential adverse effects on the DP system during heavy lift operations.



VESSELS ISM CERTIFIED
ISO 9001
ISO 14001
OHSAS 18001

ENVIRONMENTAL PASSPORT

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