

## DOUBLE GANGWAY SOLUTION

Two telescopic gangways offer safe passage between the vessel and fixed or floating offshore units. One gangway is located forward starboard-side; the other mid-ship port-side, enabling optimal positioning according to weather conditions.

At the same time, the double gangway solution provides added operational redundancy and flexibility.



### MAIN PARTICULARS

Length overall (LOA):	149.55 m
Breadth moulded:	20.75 m
Breadth extreme:	23.95 m
Depth moulded to 1st deck:	12.35 m
Depth moulded to 2nd deck:	7.00 m
Draught scantling (moulded):	7.80 m
Draught summer:	7.50 m
Gross tonnage:	16,525 t
Net tonnage:	4,980 t
Deck area, external:	575 m <sup>2</sup>
Workshops, internal:	350 m <sup>2</sup>
Deck load capacity:	up to 9 mt/m <sup>2</sup>

### FLAG / REGISTER

Danish/Danish International Register

### CLASS

1A1 Passenger Ship, HELDK-SH, DYNPOS-AUTR, CLEAN, BWM-E(s)

### LIFESAVING EQUIPMENT

In accordance with the requirements of Danish Maritime Authorities (DMA) and SOLAS, Dan Swift carries a total of 6 floats - three on each side and 4 life boats - two on each side, as well as a MOB (Man Over Board) boat and a FRB (Fast Rescue Boat) boat.

### NAVIGATION / COMMUNICATION / SATELLITE TV

- 10 cm and 3 cm ARPA radars
- Electronic Chart System (ECDIS)
- Radio installation according to GMDSS - area A3
- Inmarsat C. Inmarsat Fleet 77
- V-Satellite system
- Digital automatic telephone system
- VDR

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### DECK LAYOUT

Deck 10:	Bridge and helideck
Deck 9:	Helicopter lounge and office area
Deck 8:	Accommodation - officers
Deck 7:	Accommodation - crew and coffee shop
Deck 6:	Accommodation - worker, shop, life boats and muster stations
Deck 5:	Accommodation - worker, galley, mess clean and dirty, IT/day lounge
Deck 4:	Offices, conference and video conference rooms, changing rooms clean and dirty, aft deck storage and electrical workshops
Deck 3:	Welding shop
Deck 2:	Workshop hot works, gymnasium and swimming pool
Deck 1:	Engine control room and thruster rooms

### PROPULSION UNITS

Forward:	3 X 1,200 kW tunnel thrusters (CPP)
	2 X 1,500 kW azimuth thrusters (CPP)
Aft:	2 X 1,200 kW azimuth thrusters (CPP)
	1 X 2,000 kW azimuth thruster (CPP)
Total power:	11,000 kW

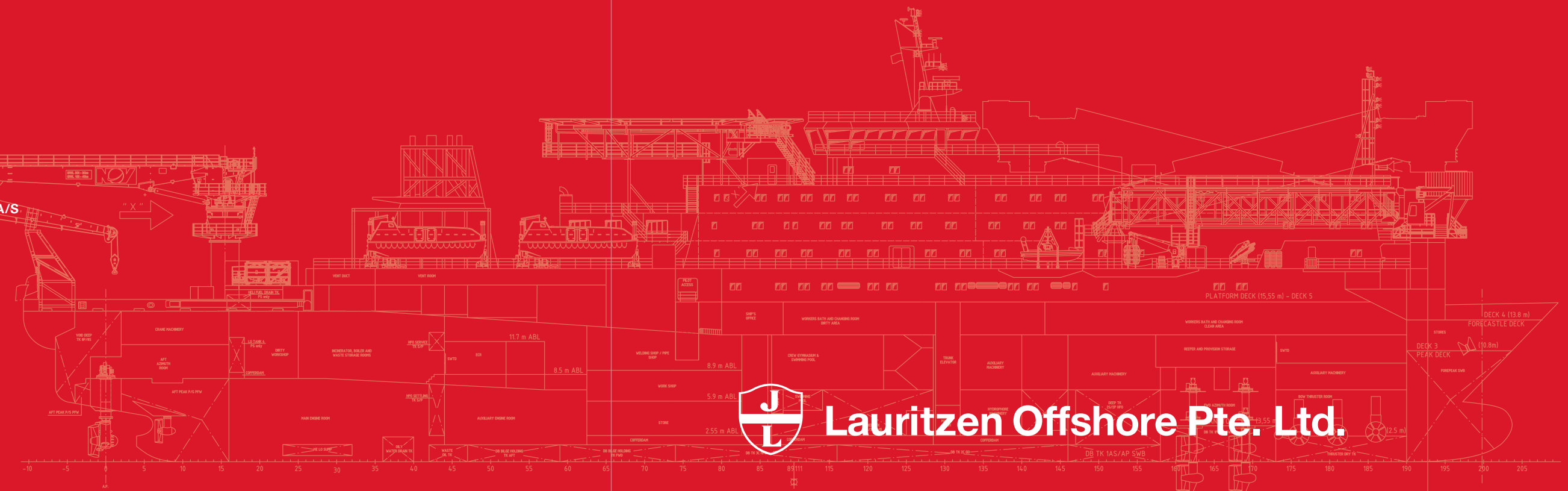
### SPEED AND CONSUMPTION

Speed: 11.5 knots service speed  
Fuel consumption: Approximately 20 mt/day at service speed (weather dependent). HFO or MDO  
Fuel consumption: Approximately 15-25 mt/day in DP mode (weather dependent).

### TANK CAPACITIES AND SYSTEMS

Fuel oil: 1,907 cbm  
Potable water: about 800 cbm  
Anti-heeling stabilizing system  
Supply systems for compressed air, water, power, fuel and bilge water.

# Advanced accommodation and support vessel (ASV) Dan Swift



**Lauritzen Offshore Pte. Ltd.**

## Monohull DP2 vessel – accommodation of the future

## Positioning & mobilization

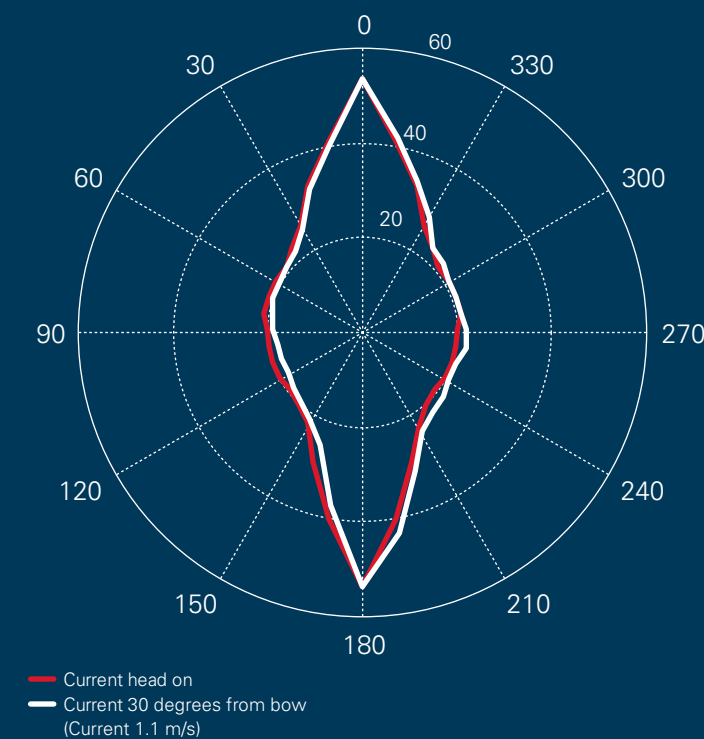
## Accommodation facilities & equipment



### SUPERIOR STATION KEEPING

Classed as DP2, the Dan Swift can maintain exact position using four reference systems and DP thruster capacity.

Key features include five azimuth thrusters (two retractable) and three tunnel thrusters powered by five generators. This arrangement ensures high station keeping and corresponds to Environmental Reference Number (ERN) 99,99,87.



### FLEXIBLE MOBILIZATION

Compared to traditional high-end accommodation solutions, the monohull concept offers flexible, fast, and cost-efficient mobilization. Ocean-going transit can be accomplished under the vessel's own propulsion power with a speed of approximately 11.5 knots.

In-field redeployment and gangway connection / disconnection is considerably more time-efficient compared to other solutions. Apart from offering more flexibility, this feature provides added safety in case of emergency disconnection associated with abrupt weather changes such as hurricanes or typhoons.



Dan Swift is the first-ever monohull accommodation vessel in the high-end market. In addition to modern recreational facilities, the vessel is equipped with a sophisticated DP2 system, two offshore telescopic gangways, large cranes, a helideck, and flexible workshop and storage areas.

With capacity for up to 250 workers plus crew and catering staff, the Dan Swift is ideal for installation, service and maintenance, and decommissioning offshore.

The Dan Swift offers several competitive advantages:

- Strong station-keeping ability
- Fast and flexible deployment between jobs
- Two independent gangways for added safety and flexibility
- Fast and safe disconnection (hurricanes, gas leaks etc.)

### HIGH FOCUS ON WELFARE

Onboard facilities include:

- offices and conference rooms
- cinema and satellite TVs
- fitness center and swimming pool
- library and internet café
- sun terrace on top of accommodation areas
- day lounge and indoor smoking areas

### STATE-OF-THE-ART SETUP

The Dan Swift's offshore knuckle-boom crane is classed to offer man-riding capabilities in addition to normal offshore construction support functions.

The Dan Swift can receive helicopters up to the size and weight of Sikorsky S-92 and S-61. The vessel is equipped with state-of-the-art helicopter reception facilities and a refueling system. Significant work-space and storage areas on board the vessel include 575 m<sup>2</sup> external deck space and 350 m<sup>2</sup> internal fully furnished workshop area.