

ACCOMMODATION & SUPPORT VESSEL (ASV) DAN SWIFT

Lauritzen Offshore is hereby pleased to nominate the pioneering offshore Accommodation & Support Vessel Dan Swift for Lloyd's List's Ship of the Year Award. The concept behind the Dan Swift pushes the borders for offshore support vessels with its unique combination of features making the vessel a sailing hotel, shipyard, and airport – all at the same time.



Dan Swift is the first dedicated ship-based accommodation vessel in the high-end offshore accommodation segment. The vessel utilizes a range of well-known technologies combined to provide a dedicated solution for nearly all service functions to fixed and floating installations. The sophisticated DP2 dynamic positioning systems, powerful thrusters and excellent gangway solution known from the high-end accommodation segment has been combined with the superior seagoing abilities and flexible redeployment of a ship-based solution.

The vessel is designed to work adjacent to fixed and floating structures providing accommodation and support services during installation, commissioning & hook-up, modification, repair & maintenance, or decommissioning of offshore structures.

Dan Swift is more than an offshore workhorse; it accommodates up to 300 people for extended periods of time. The modern on-board facilities include; offices & conference facilities, cinema, fitness center, swimming pool, library, internet café, and a well-equipped sun terrace on top of accommodation areas.

Superior station-keeping

Dan Swift can maintain exact position relative to other offshore structures using its four reference systems and DP2 thruster capacity. Key features include five azimuth thrusters (two retractable) and three tunnel thrusters

powered by five generators. This sophisticated arrangement ensures a high station-keeping and corresponds to an Environmental Reference Number (ERN) of 99/99/87.

Flexible mobilization

Compared to traditional high-end accommodation solutions, the mono-hull 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 app. 11.5 knots, and 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.

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.

State-of-the-art set-up

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. The vessel's significant workspace and storage areas include 575 m² external deck space and 350 m² internal workshop area – all fully equipped for blasting, painting, and welding. The Dan Swift's offshore knuckle-boom crane, is classed to offer man-riding capabilities in addition to normal offshore construction support functions.

In conclusion, we consider the Dan Swift to be a pioneering solution and an excellent candidate for Lloyd's List's Ship of the Year Award.

