

Diving Support Craft (DSC) Project

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About Diving Support Craft (DSC) Project:

- DSC A 20' is built by **M/s Titagarh Rail Systems Ltd (TRSL)**.
- They are 30 m long catamaran hull ships, with a **displacement of approx 300 tons**.
- All five (05) DSC are anticipated to be delivered to Indian Navy in FY 2024-25.
- These crafts are being fitted with state of the art diving equipment and tools for performing diving operations.
- These ships are designed to undertake operational/ training diving operations in harbours and coastal waters.
- These ships are indigenously designed and built under **relevant Naval Rules and Regulation of Indian Register of Shipping (IRS)**.
- The hydrodynamic analysis/ model testing of the ships during design stage were undertaken at Naval Science and Technological Laboratory (NSTL), Visakhapatnam.

The significance of a Diving Support Vessel

- A diving support vessel, as the name suggests is a ship that is used **for the objective of diving into oceans.**
 - Divers, who dive into the middle of the seas as a part of the professional diving process, need proper diving support.
 - The concept of a diving support vessel came into existence four to five decades ago.
 - From that time onwards, these ships have been extremely **important to the field of commercial diving and for military purposes**, which forms a vital part of professional diving.
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Q1) What is the Indian Register of Shipping?

The Indian Register of Shipping (IRS) is a maritime classification society and ship registry based in India. It is responsible for the classification and certification of ships and offshore structures, as well as providing a range of services related to maritime safety, quality, and environmental protection.

Source: [LAUNCH OF 'DSC A 20 \(YARD 325\)' FIRST SHIP OF 05 x DIVING SUPPORT CRAFT \(DSC\) PROJECT 31 AUG 23 AT M/S TITAGARH RAIL SYSTEMS \(TRSL\), KOLKATA](#)

Source: <https://vajiramandravi.com/current-affairs/dsc-project/>

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