



KAMARAJ IAS ACADEMY
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Kalvari class submarine

Published On: 20-01-2023

Why is in news? FIFTH KALVARI CLASS SUBMARINE VAGIR TO BE COMMISSIONED ON 23 JAN 2023

Indian Navy is set to commission the fifth Kalvari class submarine Vagir on 23 Jan 2023.

These submarines are being **built in India by the Mazagon Dock Shipbuilders Limited (MDL) Mumbai**, under collaboration with M/s Naval Group, France.

Four of the Kalvari class of submarines have already been commissioned into the Indian Navy.

The **erstwhile Vagir was commissioned on 01 Nov 1973** and undertook numerous operational missions including deterrent patrols. The submarine was decommissioned on 07 Jan 2001 after serving the nation for about three decades.

Launched and named 'Vagir' on 12 Nov 20, the submarine in its new avatar has the distinction of **having the lowest build time** among all indigenously manufactured submarines till date.

She undertook her maiden sea sortie in Feb 22, marking the commencement of sea trials and has gone through a series of comprehensive acceptance checks and, stringent and demanding sea trials prior being commissioned.

Vagir will boost the Indian Navy's capability to further India's maritime interests and is capable of undertaking diverse missions including anti-surface warfare, anti-submarine warfare, intelligence gathering, mine laying and surveillance missions.

The **Sand Shark** represents 'Stealth and Fearlessness', two qualities that are synonymous with the ethos of a submariner.

The induction of Vagir is another step towards the Indian Navy, consolidating its position as a builder's Navy, as also reflects MDL's capabilities as a premier ship and submarine building yard.

Kalvari class submarine:

The Kalvari class is a class of **diesel-electric attack submarines** based on the **Scorpène-class submarine** being built for the Indian Navy.

The class and submarines take their names from the first submarines inducted in the Indian Navy.

The submarines are designed by French naval defence and energy company DCNS and are being manufactured by Mazagon Dock Limited in Mumbai.

There are 6 submarines under the Kalvari class – Kalvari, Khanderi, Karanj, Vela, Vagir, Vagsheer.

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