

France Offers Advanced Pumpjet Propulsion Technology to India for Next-Gen Submarine Project

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In a significant development for India's naval capabilities, France has offered advanced pumpjet propulsion technology for the country's next-generation diesel-electric and nuclear-powered attack submarines. This technology, already operational in the French Barracuda-class submarines, is renowned for its stealth capabilities.

Pumpjet propulsion systems are known for their reduced acoustic signature compared to traditional propeller systems. By adopting this technology, India's submarines would gain a significant advantage in underwater operations, enhancing their stealth and maneuverability. This would enable the Indian Navy to operate more discreetly in the Indian Ocean region.

The potential acquisition of this technology underscores the growing defense partnership between India and France. The two nations have been actively collaborating on various defense projects, including joint military exercises and co-development of military hardware.

This move by France highlights the increasing importance of advanced submarine technology in modern naval warfare. By equipping its submarines with cutting-edge propulsion systems, India aims to strengthen its naval forces and safeguard its maritime interests.