

R-R and the Indian Navy & Coast Guard

VAYU Interview with **Kishore Jayaraman**

President, Rolls-Royce India & South Asia



VAYU : *How has Rolls-Royce's relationship with the Indian Navy and Coast Guard evolved over the years?*

RR: Rolls-Royce has a strong legacy partnership with the armed forces, including the Indian Navy and Coast Guard. Our Power Systems division's MTU range of engines power several vessels of both Navy and Coast Guard, with service teams stationed at several locations along India's coastline. Our engines are known for their high-power density and power-to-weight ratio, their compact design as well as their mechanical and thermal stability.

We remain committed to serving the Indian Navy's power needs with advanced technology product offerings and customised solutions. The Rolls-Royce MT30 marine gas turbine is a strong offering

for navies and within twelve years of being in service, the MT30 has already become the engine of choice for some of the world's most advanced naval platforms, including the Royal Navy's *Queen Elizabeth* Aircraft Carriers and Type 26 Global Combat Ship plus variants, the US Navy's Littoral Combat Ship *Freedom*-class variant and DDG-1000 advanced destroyers, Republic of Korea Navy's FFX-Batch II frigate, the Japanese Maritime Defence Force's 30FFM frigate and the Italian Navy's new LHD.

We look forward to expanding our relationship with the Indian armed forces through our advanced technology platforms as well as customised power solutions.

VAYU : *What are the power solutions Rolls-Royce is offering to the Navy and Coast Guard?*

RR: As India grows to adopt an even more important role at regional and global levels, it is imperative that Indian Navy equips itself to play an increasingly important role in regional maritime security. Choosing the right propulsion system is a crucial decision and it has to be the right decision to ensure a ship will still perform as its systems and capability are upgraded throughout the operational life. We presented capabilities of the mighty MT30 marine gas turbine at DefExpo 2020. Derived from the Aero Trent engine family, the Rolls-Royce MT30 is the world's most power dense in-service gas turbine, offering a superior power-to-weight ratio, generating up to 43MW from a 30-tonne packaged unit, including most of the auxiliary systems. Many factors have converged to