

Composite stator

NEW CONCEPT STATOR for Zone-1

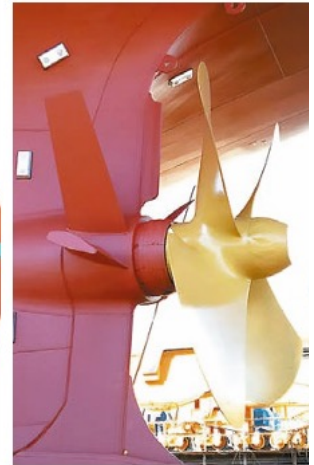
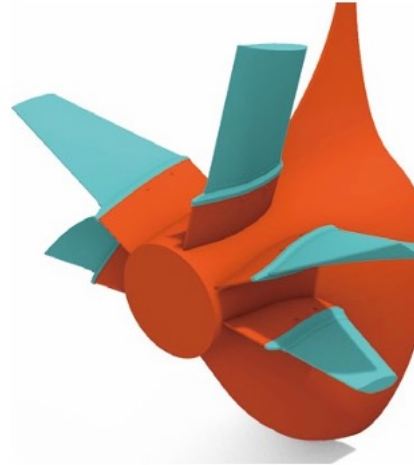


Collaboration with iFTC

Variable pitch stator by GFRP

The Eco-Stator is a stator on the stern tube in front of the propeller. This energy saving device, manufactured by Fluid Techno (iFTC), improves thrust by radially mounting (wing-like plates) and controlling the flow at the stern.

The Composite Eco-stator made of glass fiber reinforced plastics (GFRP) was jointly developed by Nakashima Propeller and Fluid Techno. Taking advantage of the characteristics of GFRP material, the angle of attack can be changed by twisting the stator to design the optimal shape. The stator can then be easily attached to the hull using steel shoes. (Jointly patented)



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