



HYBRID FISHERIES RESEARCH

VESSEL DETAILS

Owner	National Institute of Fisheries Science - KOREA
Year Built	2023
Length (LOA)	44.70m - 146.65ft
Beam	7.20m - 23.60ft
Construction	Steel
Ship Designer	Dong-Il Shipyard, KO
Shipyard	Dong-Il Shipyard, KO
Engines	Diesel 2985kW @ 1700rpm e-Motor 250kW
Class	n/a

HAMILTONJET SUPPLY

Propulsion	2 x HT900 waterjets
Control System	AVX propulsion control system with Hybrid Interface, JETAnchor positioning system
Hybrid System	Integration support with the Hybrid system

PARALLEL HYBRID SYSTEM

NIFS has recently had an inauguration ceremony of Tamgu 7, Research Vessel (R/V), in Yeosu-si, Jeollanam-do. This Research Vessel will take full responsibility to survey fisheries resources in southern sea area.

The main projects include research on the behaviour of pollutants in coastal areas, the marine pollution monitoring network and dynamic surveillance of harmful pollutants in coastal waters, research on self-pollution in coastal fisheries, etc.

The vessel has twin Cummins diesel engines and Reintjes gearboxes driving two HT900 waterjets with the HamiltonJet AVX-hybrid interface controls and JETAnchor positioning system.

There are also two 250kW Hyosung Heavy Industries electric motors and the vessel can achieve a maximum speed of 19 knots.