

KINOKUNI Fisheries Research Vessel 108

Contents By Builder By Ship Type



“KINOKUNI” is Fisheries Research Vessel equipped with the latest systems in order to achieve marine surveys and observations.

PRINCIPAL PARTICULARS

Length (o.a.)	34.89 m
Length (b.p.)	29.00 m
Breadth (mld.)	6.60 m
Depth (mld.)	3.00 m
Draft (mld.)	2.50 m
Gross tonnage	108 tons (Domestic Gross Tonnage)

Main engine	Yanmar 6N21A-EW
MCR (kw×rpm)	956 kW × 850 rpm
Speed (max. trial)	13.36 knots
(service)	12.00 knots
Complement	11 persons
Classification	Japanese Government
Builder	Niigata Shipbuilding & Repair, Inc.

KAIHO MARU Fisheries Training Vessel 109

Contents By Builder By Ship Type



“KAIHO MARU” is Fisheries Training Vessel in order to achieve tuna longline fishing training and marine surveys and observations.

PRINCIPAL PARTICULARS

Length (o.a.)	65.48 m
Length (b.p.)	56.60 m
Breadth (mld.)	10.10 m
Depth (mld.)	6.40 m
Draft (mld.)	3.90 m
Gross tonnage	999 tons (International Gross Tonnage)

Main engine	IHI Power Systems 6M34BFT-5N
MCR (kw×rpm)	1,471 kW × 300 rpm
Speed (max. trial)	15.00 knots
(service)	12.00 knots
Complement	89 persons
Classification	Japanese Government
Builder	Niigata Shipbuilding & Repair, Inc.

TOKI MARU Tugboat 110

Contents By Builder By Ship Type



“TOKI MARU” is Tugboat equipped with firefighting systems and a pair of 360 deg. azimuth thrusters as a propulsion plant.

PRINCIPAL PARTICULARS

Length (o.a.)	34.55 m
Length (b.p.)	29.00 m
Breadth (mld.)	9.70 m
Depth (mld.)	3.95 m
Draft (mld.)	2.95 m
Gross tonnage	196 tons (Domestic Gross Tonnage)

Main engine	NIIGATA 6L28HX × 2 sets
MCR (kw×rpm)	1,471 kW × 750 rpm × 2 sets
Speed (max. trial)	14.47 knots
(service)	13.75 knots
Complement	15 persons
Classification	Japanese Government
Builder	Niigata Shipbuilding & Repair, Inc.