

SPECIFICATIONS OF JAPANESE SURVEYING VESSELS.

Specification of Surveying Vessel "Daigo Kaiyō-Maru"

Official Number : N^o. 58094.
 Signal letter : JJWD.
 Port of Registry : Tokyo.
 Owner : The Ministry of Transportation.
 Employment : Oceanographic observation and surveying.
 Kind : Motor Ship.

Material	{	Hull : Steel. Decks : Wood.
Dimensions	{	Length : 34.6 m. Breadth : 6.85 m. Depth : 3.25 m.
Tonnage	{	Displacement : 277.0 tons. Gross : 211.77 tons. Net : 58.67 tons.
Length	{	Forecastle : 10.8 m. Bridge deck : 14.2 m.

Number of masts : 2.
 Number of bulkheads : 5.
 Kind of Engine : Diesel engine (4 cycle, single acting).
 Number of cylinders : 6 (dia. 330 mm. stroke 500 mm. I.H.P. 400).
 Propeller : 1.
 Refrigerating installation : Complete.
 Electric light installation : Complete.
 Radiotelegraph installation : Complete (Vacuum-tube type).
 Boats : 2 (life boat 1, Sampan 1).
 Nautical instruments : Complete.
 Life-saving apparatus : Complete.
 Search light, signalling combined (40 cm.) : 1.
 Instruments for observation : —.
 Sonic depth finder Deep 10,000 m. : 1.
 Sonic depth finder Shallow 800 m. : 1.
 Electric Sounding machine
 (Large) D.C. 100 V. : 1.
 (Small) D.C. 100 V. : 1.
 Kelvin type Sounding Machine : 1.
 Wind vane : 1.
 Marine theodolite for Pilot balloon : 1.
 Marine Mercury barometer : 1.
 Self-recording Sea thermometer : 1.
 Other necessary sundries for surveying.

Specification of Surveying Vessel "Daiyon Kaiyō-Marū"

Official Number : N^o. 58032.

Signal letter : JKOY.

Port of Registry : Tokyo.

Owner : The Ministry of Transportation.

Employment : Oceanographic observation and surveying.

Kind : Motor ship.

Material	{	Hull : Steel.
		Decks : Wood.
Dimensions	{	Length : 34.6 m.
		Breadth : 6.35 m.
		Depth : 3.25 m.
Tonnage	{	Displacement : 277.0 tons.
		Gross : 200.33 tons.
		Net : 48.62 tons.
Length	{	Forecastle : 10.8 m.
		Bridge deck : 14.2 m.

Number of masts : 2.

Number of bulkheads : 5.

Kind of engine : Diesel engine (4 cycle, single acting).

Number of cylinders : 6 (dia. 330 mm. stroke 500 mm. I.H.P. 400).

Propeller : 1.

Refrigerating installation : Complete.

Electric light installation : Complete.

Radiotelegraph installation : Complete (Vacuum-tube type).

Boats : 2 (motor boat 1, Sampan 1).

Nautical instruments : Complete.

Life-saving apparatus : Complete.

Search light signalling combined (40 cm.) : 1.

Instruments for observation : —.

Sonic depth finder Deep 10.000 m. : 1.

Shallow 800 : 1.

Electric sounding machine (Large) D.C. 100 V. : 1.

(Small) : 1.

Kelvin type sounding machine : 1.

Wind vane : 1.

Range finder (66 cm.) : 1.

Marine theodolite for pilot balloon : 1.

Marine Mercury barometer : 1.

Self-recording Sea thermometer : 1.

Other necessary sundries for surveying.

Specification of Surveying Vessel "Daiichi Tenkai-Maru"

Official Number : N^o. 55423.

Signal letter : JNDN.

Port of Registry : Tokyo.

Owner : The Ministry of Transportation.

Employment : Oceanographic observation and surveying.

Kind : Motor ship.

Material { Hull : Steel.
Decks : Wood.

Dimensions { Length : 27.43 m.
Breadth : 5.72 m.
Depth : 2.67 m.

Tonnage { Gross : 100.65 tons.
Net : 24.49 tons.

Length { Forecastle : 4.0 m.
Bridge deck : 3.0 m.

Number of Masts : 2.

Number of Bulkheads : 6.

Kind of engine : Diesel engine (4 cycle, single acting).

Number of cylinders : 6 (dia. 254 mm. stroke 380 mm. I.H.P. 225).

Propeller : 1.

Electric light installation : Complete.

Radiotelegraph installation : Complete (vacuum-tube type).

Boats : 2 sampans.

Nautical instruments : Complete.

Life-saving apparatus : Complete.

Search light : 1.

Instruments for observation : —.

Sonic depth finder (Self-recording) Deep 10,000 m. : 1.
Shallow 800 m. 1.

Kelvin type Sounding Machine : 1.

Hand rolling sounding machine : 1.

Wind vane : 1.

Marine Theodolite for pilot balloon : 1.

Marine Mercury barometer : 1.

Self-recording Sea thermometer : 1.

Other necessary sundries for surveying.
