

REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

Date of writing Report 10-8-1950 When handed in at Local Office 19

Port of KOBE

No. in Survey held at OSAKA

Date, First Survey 16-7-50 Last Survey 30-6-1950

Reg. Book.

(No. of Visits 4)

on the STEEL SINGLE SCREW STEAMER "SHINWA MARU"

Tons { Gross 1948.02

Net 1074.90

Built at Nagasaki

By whom built Kawaminami Industry Co. Ltd. Koyakishima Shipyard

Yard No. 148 When built 30-10-1941

Owners Nitta Merchant Ship Co. Inc.

Port belonging to Tokyo

Installation fitted by Kawaminami, Koyakishima shipyard.

When fitted Oct. 1941.

Is vessel equipped for carrying Petroleum in bulk No Is vessel equipped with D.F. No E.S.D. No G.C. No Sub. Sig. No Radar No

Plans they been submitted and approved Yes System of Distribution Two wire System Voltage of Lighting 110

Heating Power D.C. or A.C., Lighting D.C. Power If A.C. state frequency

Prime Movers, has the governing been found as per Rule when full load is thrown on and off Yes Are turbine emergency governors fitted

with a trip switch Generators, are they compound wound Yes, and level compounded under working conditions

if not compound wound state distance between generators and from switchboard Are the generators arranged to run

in parallel No, are shunt field regulators provided Is the compound winding connected to the negative or positive pole

(one generator) Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing Have certificates of

test for machines under 100 kw. been supplied and the results found as per Rule

Position of Generators 5 side middle stage in the Engine Room.

is the ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury and

damage from water, steam and oil Yes Switchboards, where are main switchboards placed Near the Generator

are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water,

steam and oil Yes, what insulation is used for the panels Synthetic insulating material, if of synthetic insulating

material is it an Approved Type Yes, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as

per Rule Is the construction as per Rule, including locking of screws and nuts Yes Description of Main Switchgear

for each generator and arrangement of equaliser switch one generator only fitted

and the switch and fuse gear (or circuit breakers) for each outgoing circuit double pole linked switch and a fuse on each pole

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule Yes Instruments on main switchboard One

ammeters one voltmeters no synchronising devices. For compound machines in parallel are the ammeters and reversed current

protection devices connected on the pole opposite to the equaliser connection Earth Testing, state means provided Two

earth lamps on the main switch board

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes

make of fuses are all fuses labelled If circuit breakers are provided for the generators, at what

overload do they operate 10, and at what current do the reversed current protective devices operate

Joint Boxes, Section Boards and Distribution Boards, is the construction as per Rule Yes

Cables, are they insulated and protected as per Rule Yes, if otherwise than as per Rule are they of an Approved Type

state maximum fall of pressure between bus bars and any point under maximum load 1.5 volts, are the ends of all cables having a sectional

area of 0.01 square inch and above provided with soldering sockets Yes Are all paper insulated and varnished cambric insulated

cables sealed at the ends Yes Are all the cable runs in accessible positions, not exposed to drip or accumulation of water or oil

high temperatures or risk of mechanical damage Yes, are any cables laid under machines or floorplates Yes, if so, are they

adequately protected Yes Are cables in machinery spaces, galleys, laundries, etc., lead covered Yes or run in conduit

or of the "HR" type State how the cables are supported or protected Supported on the steel guide in Engine

Boiler rooms, hatches & bunker; & protected by steel plates in bunker & partly in hatches; and

Navigation lamp cables run in pipes

Are all lead sheaths, armouring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertight

bulkheads provided with deck tubes or watertight glands Yes, where unarmoured cables pass through beams, etc., are the holes

effectively bushed Yes Refrigerated chambers, are the cables and fittings as per Rule No refrigerated chamber

The Electrical Equipment is installed in accordance with the approved plans and the requirements of the Rules.

All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.

The foregoing is a correct description.

Electrical Contractors. Date

COMPASSES.

Have the compasses been adjusted under working conditions

Builder's Signature. Date

Have the foregoing descriptions and schedules been verified and found correct Yes

Is this installation a duplicate of a previous case / If so, state name of vessel /

Plans. Are approved plans forwarded herewith No If not, state date of approval 6-4-50

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith /

General Remarks. (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.)

The electrical installation of this vessel has been examined in accordance with the Rules as set forth in Section 4 of the Rules for "Classification of Ships not built under Survey", approved plans and Secretary's letters.

The workmanship & material were found sound & good. The Generators & equipments etc. have been examined under working condition on full load to Rules requirement found satisfactory.

Noted 27/10/50

Total Capacity of Generators 10 Kilowatts.

The amount of Fee ... £ 24-0-0 : When applied for,

19

When received,

19

Travelling Expenses (if any) £ /

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI. 3 NOV 1950

Assigned

See F.E. Mch. rpt.



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Foundation