

PORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office 12 MAR 1952)

of writing Report Jan. 16th 1951 When handed in at Local Office 1951 Port of KOBE

Survey held at Aioi, Japan. Date. First Survey 24th Apr. Last Survey 15th Oct. 1951 (No. of Visits.....)

on the Machinery of the ~~XXXXXX~~ Steel T.S.S. "TONAN MARU" Ex "TONAN MARU NO. 3"

Gross 19210 Vessel built at Osaka, Japan. By whom Osaka Iron Works, Ltd., Osaka. Year. Month. 1938 10

Net 13264 Engines made at Tokyo, Japan. By whom Ishikawajima Heavy Ind. When 1950 6

Main Boilers 4 Boilers, when made (Main) (Donkey)

Owners Nippon Suisan K.K. Owners' Address

Managers (If not already recorded in Appendix to Register Book.)

If Surveyed Afloat or in Dry Dock Afloat and in drydock

Harima Shipbuilding & Eng. Co. Ltd.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. Date of last Survey and of Periodical Surveys. Years assigned now expired. Machinery and Boiler Surveys (including date of N.B., if any)

BS* Reclassification pending

Discharged 15th 9/52

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Fees (per Section 29) 58,460 Fees applied for

Repairs 100,000

Damage or Repair Fee (if any) 50,000

(per Section 29.)

Expenses (if chargeable) 19

Received by me,

19

FRI. 25 APR 1952

MIBS 10.51

Bl. S 10.51

Bolt S 10.51

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register

Foundation

010652-010661-0210

CERTIFICATE WRITTEN. msh 10.51

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327 mm.

Starbd Main Engine:- No.2 intermediate shaft machined up(new diameter)now examined and found
Renewed propeller.

Following pumps newly installed:-

2 main cooling water circulating pumps, 2 L.O. pumps, 2 air pumps, 3 feed pumps, 1 Aux.c.
circulating pump. 1 bilge and ballast pump. 1 bilge pump. 1 G.S. pump. 2 sanitary pumps
water pumps. 3 feed oil pumps. 1 L.O. transfer pump, 1 motor driven fresh water pump. 1
pump for forward pump room, 1 ballast pump for forward pump room, 1 fresh water pump for
pump room, 1 bilge pump for forward pump room.

Following pumps cleaned, examined or now fitted in good condition:-

8 oil transfer pumps, 2 sea water pumps, 2 shale oil pumps, 2 heavy oil pumps, 1 bilge pump
forward pump room, 1 aux. feed pump, 1 distiller pump, 1 G.S. pump. 1 L.O. transfer pump,
1 condensate pump for aux. condenser.

Following Auxiliaries newly installed:- ② aux. diesel engines (3 x 400 KW, 1 x 200 KW, (please
-1 & 2 attached hereto)

1-25 HP air compressor and 1 emergency air compressor, 4 motor driven boiler fan engines,
3 oil purifiers, 3 motor driven ventilator fans, 1 Janney type steering engine, 2 main
2 feed heaters, 2 oil heaters, 6 evaporators, 2 aux air receivers.

Following auxiliaries cleaned, examined or now fitted in good condition:-

1 aux. condenser, 2 evaporators, 2 feed heaters for evaporator, 14 Kverner separators,
8 Kverner receivers, 4 Harman separators, 2 Hartman receivers.
4 ventilator fans for factory, 9 whale oil purifiers, 1 windlass.

On completion of this machinery, sea trials fuel oil equipments bilge and ballast extend
and electrical installations tested in accordance with the Rules and found satisfactory.

Interim Certificate issued, copy attached hereto.



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