

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

(Received at London Office 28 NOV 1958)
Date of writing Report 17th Nov. 1958 When handed in at Local Office 18 NOV. 1958. Port of D J A K A R T A
No in Reg. Book. Survey held at Djakarta Date. First Survey and Last Survey 16th Oct. 1958 (No. of Visits one)

2447 on the Machinery of the XXXXXXXXXX Steel m.v. "TIRTONADI"
Tonnage { Gross 220 Vessel built at Jakarta By whom N.V. Veren' Prawwen Veren When
Net 120 Engines made at Manchester By whom Crossley Bross Ltd When
MN As Per Rule Boilers, when made (Main) (Donkey)
No. of Main Boilers Owners Republik Indonesia Owners' Address
HS " " " Managers P.T. Pelajaran Djawa-Kalimantan Port Djakarta Voyage
No. of Donkey Boilers If Surveyed Afloat or in Dry Dock drydock
Steam Pressure— (State name of Dock.) V.P.V
in Main Boilers
in Donkey Boilers

Last Report No. Port Particulars of Examination and Repairs (if any) Docking
Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined no damage
Was a damage report made by anyone else? If so, by whom? no
Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? none
" " Donkey " " " none
If not, state for what reasons What parts of the Boilers could not be thus thoroughly examined?
What special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?
State latest date of internal examination of each boiler Present condition of funnel(s)
Did the Surveyor examine the Safety Valves of the Main Boilers? To what pressure were they afterwards adjusted under steam?
Did the Surveyor examine the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?
Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boilers?
Did the Surveyor examine the drain plugs of the Main Boilers? and of the Donkey Boilers?
Did the Surveyor examine all the mountings of the Main Boilers? and of the Donkey Boilers?
Has the strew shaft now been drawn and examined? no Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?
Has shaft now been changed? no If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?
Is an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft not examined State the wear down in the stern bush - 4 mm Is electric light and/or power fitted? yes If so, did the Surveyor examine the generators, motors, switchgear cables and fuses? no
Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? no
Engine parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.
If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done complete
Cert. B issued, copy attached.

NOW DONE:-
Docking: Propeller and outside fastenings examined and found in good condition.

General Observations, Opinion, and Recommendation:-
(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, etc.)
The machinery of this vessel so far as now seen is eligible in my opinion to remain as classed.

Survey Fee (per Section 23) £ : : Fees applied for, 19
Special Damage or Repair Fee (if any) £ : : Received by me, 19
(per Section 23.)
Travelling expenses (if chargeable) £ : :
Committee's Minute
Assigned See Sbn. 6232
J. A. Boater
(J.A. Boater).- Engineer Surveyor to Lloyd's Register of Shipping.