

Rpt. 5c (Inst.)

REPORT ON INSTALLATION OF WATERTUBE BOILER

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London 13. AUG. 1965

Ship's name "RAPHAEL" Port GENOA
 Gross tons 31,133 Date of completing rpt. 25/5/1965 Rpt. No. 30070
 Attached to (Port) GENOA Rpt. 5c (Inst.) No. same no. attached Place of survey, if different from above
 No. of visits on ship 18 First date 4/12/64 Last date 6/5/1965 Yr. Mo.
 Ship built by ANSALDO SESTRI Yard No. 1598 When 1965 5
 Boiler installed by ANSALDO SESTRI When

~~Main auxiliary or donkey~~ Auxiliary
 (See Key to R.B.)
 *No. of boilers two
 *HEATING SURFACE, EACH BOILER
 Water tubes (including waterwalls) 385m2 each.
 Superheater tubes none
 Economiser tubes (half only) none
 Total 385m2x2
 *Designed evaporation, each boiler at max. continuous service rating 10,500Kg/hr

Forced and/or induced draught forced
 Type of air heater air is heated by circulating around boiler casing before entering combustion space.
 Fuel (or source of heat) oil fuel
 No. of burners, each boiler one
 Name of oil-burning system "SAACKE" (German)
 Name of combustion control system, if fitted HAGAN

*Nominal composition of material for principal boiler mountings for (a) saturated and (b) superheated steam
 (a) cast steel
 (b) none

No. and type of water-level indicators fitted to each boiler
 Two Klinger, flat glass plus one remote reading in E.R.
 Type of feed-water regulators fitted to each boiler "THERMOKIMIK"

~~*Asuperheater~~
 Port †Cert. No.
~~*Economiser~~
 Port †Cert. No.
~~*Economiser~~
 Port †Cert. No.
~~*Economiser~~
 Port †Cert. No.

~~How is temperature of superheated steam controlled?~~
~~Are drain cocks or valves fitted to free superheater from water where necessary?~~
 Are drain cocks or valves fitted to principal boiler mountings for steam? yes
 Least distance between boilers, uptakes or heated air trunking and O.F. tanks (in air) 1 meter
 Has the spare gear required by the Rules been supplied? yes

NOTE:—The particulars in this report are to be stated as fully and clearly as practicable. Where the answer is "no" or "none", say so. Ticks and other signs of doubtful meaning are not to be used. Wording not applicable to be cancelled. Where items are marked with an asterisk * the particulars need not be repeated here if they are given on the relevant Rpt. 5c(Cons).

4m.9.64 (MADE AND PRINTED IN ENGLAND)

Date of Committee FRIDAY - 3 SEP 1965
 Minute See Rpt. 1.

†Copy to be forwarded



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SAFETY VALVES

Saturated steam

~~Superheated steam~~

*Type (ordinary, high lift, full lift, &c.)

Full bore, pilot operated

*Makers

Cockburn

*No. & diameter each boiler

As approved

one double. 65mm.dia.

As fitted

" " " "

*Material of chest:
Nominal composition

cast steel.

Are drains fitted to all safety valve chests?

yes

From what positions can the easing gear be worked?

Boiler control platform.

Material of waste steam pipes and expansion pieces

solid drawn m.s.

Material of silencers, if fitted

none

DECLARATION TO BE SIGNED BY INSTALLING ENGINEERS

To the best of our knowledge this boiler has been installed in conformity with the Rules, regulations and requirements of Lloyd's Register of Shipping, and the foregoing particulars of installation of boiler are correct.

15 GIU 1965

(date)

ANSALDO Sp.A. - CAN

Il Direttore

(signature)

A previous similar case was for

(Name) m.t. "GIUSEPPE VERDI"

Port GENOA

Rpt. No. 29569

DECLARATION TO BE COMPLETED AND SIGNED BY SURVEYOR AT PORT OF INSTALLATION

The boiler(s) described in (port) GENOA

Rpt. No. ~~same~~ No. ~~attached~~ / have ~~been fitted in the~~ (Name) m.t. "RAPHAEL" - Yard No. 1598 -

under my inspection in accordance with the Rules, approved plans and Secretary's letters, examined under full steaming conditions and the safety valves adjusted to the following pressures:—

Saturated steam safety valves 12 Kg/cm²

~~Superheated steam safety valves~~ none

An accumulation test was ~~(not)~~ carried out; ~~(not)~~ ~~was~~ approved (Date) 4th May, 1965.

The boiler installation is eligible, in my opinion, for the notation: 2 W.T.Aux.B; 1701b. 5/65.

‡ Delete as necessary



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(S. DINNEN)

Surveyor to Lloyd's Register of Shipping

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