

Rpt. 4c

Date of writing report

Received London

6 MAR 1959

Port

BILBAO

No.

12512

Survey held at

BILBAO

No. of visits

8

First date

16-4-58

Last date

18-9-58

FIRST ENTRY REPORT ON AUXILIARY ~~STEAM TURBINE OR~~ STEAM RECIPROCATING ENGINES

Name of Ship

"BONIFAX"

(Or Contract No. if name unknown)

Owners

NAVIERA CASTILLA

(Or Consignees)

Ship built at

CADIZ

by

ASTILLEROS de CADIZ

when

1959

Yard No.

47

Auxiliary turbines or engines made at

BILBAO

by

Soc. ESPAÑOLA de CONSTR

when

1958

Eng. Nos.

57168

Total No. of sets and description

ONE - "NAVAL-ALLEN" COMPOUND STEAM ENGINE.

STEAM TURBINES.

No. of turbines per set

BHP per set

Steam pressure

Steam temperature

Type of turbines

Particulars of gearing

RPM of turbine shaft(s)

PCD of pinion(s)

PCD of wheel(s)

Material of

pinion(s)

Material of wheel rim(s)

Has rotor been dynamically balanced?

Diameter of rotor

shaft at bearings

Does the set include a steam condenser?

Is an emergency governor fitted?

No. and purpose of

attached pumps

Has the set been tested in the shop?

If so, for how long at full

power?

Was the governing tested and found satisfactory?

Was the set tested with driven machinery attached?

Identification marks

Particulars of driven machinery

STEAM RECIPROCATING ENGINES.

BHP of each

120

at

500

RPM

Steam pressure

12.65 Kgs/cm.

Dia. of cylinders

HP-254 LP-381

Stroke

165 mm

Dia. of crankshaft journals

95 mm

Pins

89 mm

Material of

crankshaft

S.M. STEEL

Is crankcase enclosed?

YES

If so, is the internal volume 20 cu. ft. or over?

43 m³

No. and total area of crankcase

explosion relief devices fitted?

Are the bearings forced lubricated?

YES

No. and purpose of attached pumps

ONE - LUB OIL

CAPACITY 1224 Lts/Hr

Is a Governor Fitted?

YES

Identification Marks

CRANKSHAFT:- LLOYDS N°6628 B60.

Particulars of Driven Machinery

75 KW. GENERATOR

13-3-58 J.M.R.

CYL BLOCK:- LLOYDS TEST 19 Kgs/cm.

10-4-58. F.L.

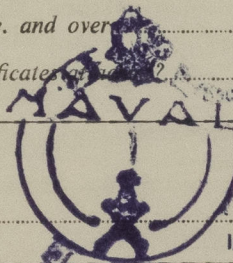
ELECTRIC GENERATORS.

Port and No. of Certificate for generators of 100 Kw. and over

For generators under 100 Kw., has Makers' Certificate been obtained?

Are Certificate

The foregoing description is correct.

Sociedad Española de Construcción Naval
FABRICA DE SESTAO

Ingeniero Jefe de Trabajos de Maquinaria

Manufacturer

Is this machinery duplicate of a previous case?

YES

If so, which?

S.E. de C.N. - CADIZ YARD N° 87-88-89.

CRANKSHAFT PLAN APPROVED. L'DON LTR. 18-7-55.

GENERAL REMARKS.

State if the machinery has been constructed under special survey in accordance with the Rules, approved plans and Secretary's letters. State quality of materials and workmanship. Where existing machinery is submitted for classification the circumstances should be explained as fully as possible.

This machinery has been constructed under Special Survey in accordance with approved plans, Secretary's letters and Rules of the Society.

The materials and workmanship are good. This machinery is, in my opinion, eligible for installation in a classed vessel.

Survey Fee

Pis: 1538.

Expenses

30

Date when a/c rendered

9/3/59

Engineer Surveyor to Lloyd's Register

Declaration to be signed by Surveyor at fitting-out Port:—

The above described machinery has been fitted on board the

MOTOR TANKER "BONIFAZ"

at

CADIZ

in a proper manner and found satisfactory when tested on the (date)

15th Jan 1959

conditions.

Engineer Surveyor to Lloyd's Register

PLEASE RETURN THIS REPORT
WITH YOUR FIRST ENTRY.